

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011812.D
 Acq On : 13 Dec 2022 23:44
 Operator : KP/MD
 Sample : VY1213SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1213SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:36:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	218786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	350778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	316195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71499	47.667	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.340%		
35) Dibromofluoromethane	7.716	113	76317	48.882	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.760%		
50) Toluene-d8	10.179	98	234605	45.289	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	90.580%		
62) 4-Bromofluorobenzene	12.483	95	98543	48.299	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28594	26.241	ug/l	98
3) Chloromethane	2.113	50	29445	22.898	ug/l	96
4) Vinyl Chloride	2.253	62	32971	21.402	ug/l	99
5) Bromomethane	2.644	94	23283	22.495	ug/l	98
6) Chloroethane	2.790	64	22498	20.737	ug/l	99
7) Trichlorofluoromethane	3.125	101	61327	20.391	ug/l	98
8) Diethyl Ether	3.534	74	20468	19.429	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	36512	20.337	ug/l	99
10) Methyl Iodide	4.095	142	43858	20.864	ug/l	99
11) Tert butyl alcohol	4.954	59	23543	110.671	ug/l	96
12) 1,1-Dichloroethene	3.875	96	32532	20.092	ug/l	98
13) Acrolein	3.735	56	29334	95.110	ug/l	99
14) Allyl chloride	4.479	41	53420	19.862	ug/l	98
15) Acrylonitrile	5.168	53	54336	96.096	ug/l	100
16) Acetone	3.948	43	44371	74.273	ug/l	98
17) Carbon Disulfide	4.192	76	75111	20.313	ug/l	98
18) Methyl Acetate	4.473	43	31900	21.418	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	99829	19.691	ug/l	97
20) Methylene Chloride	4.722	84	60118	25.376	ug/l	96
21) trans-1,2-Dichloroethene	5.222	96	36886	20.269	ug/l	98
22) Diisopropyl ether	6.119	45	123643	21.070	ug/l	98
23) Vinyl Acetate	6.058	43	333089	99.498	ug/l	100
24) 1,1-Dichloroethane	6.021	63	73693	20.666	ug/l	99
25) 2-Butanone	6.984	43	65813	85.645	ug/l	97
26) 2,2-Dichloropropane	6.984	77	64980	19.369	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	46194	20.769	ug/l	100
28) Bromochloromethane	7.338	49	25073	19.314	ug/l	100
29) Tetrahydrofuran	7.350	42	42014	96.059	ug/l	99
30) Chloroform	7.502	83	78986	20.719	ug/l	99
31) Cyclohexane	7.789	56	55375	19.886	ug/l #	95
32) 1,1,1-Trichloroethane	7.704	97	68683	20.202	ug/l	99
36) 1,1-Dichloropropene	7.917	75	52075	19.563	ug/l	98
37) Ethyl Acetate	7.076	43	29826	19.166	ug/l	99
38) Carbon Tetrachloride	7.899	117	63040	20.161	ug/l	96
39) Methylcyclohexane	9.185	83	59851	19.983	ug/l	100
40) Benzene	8.161	78	161963	20.367	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011812.D
 Acq On : 13 Dec 2022 23:44
 Operator : KP/MD
 Sample : VY1213SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1213SBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:36:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	14772m	18.803	ug/l	
42) 1,2-Dichloroethane	8.240	62	49539	20.145	ug/l	100
43) Isopropyl Acetate	8.277	43	54116	19.177	ug/l	100
44) Trichloroethene	8.941	130	44054	19.781	ug/l	96
45) 1,2-Dichloropropane	9.216	63	41059	19.949	ug/l	97
46) Dibromomethane	9.307	93	22623	19.636	ug/l	99
47) Bromodichloromethane	9.496	83	59298	19.923	ug/l	99
48) Methyl methacrylate	9.295	41	23412	18.822	ug/l	97
49) 1,4-Dioxane	9.295	88	5954	373.044	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	146702	94.349	ug/l	100
52) Toluene	10.246	92	104392	20.650	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	57707	19.410	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	66468	19.899	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	35181	20.660	ug/l	97
56) Ethyl methacrylate	10.508	69	41554	18.904	ug/l	98
57) 1,3-Dichloropropane	10.788	76	56976	20.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	101847	99.919	ug/l	100
59) 2-Hexanone	10.831	43	96587	86.941	ug/l	99
60) Dibromochloromethane	10.984	129	43235	20.272	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30771	19.947	ug/l	100
64) Tetrachloroethene	10.721	164	44054	19.692	ug/l	96
65) Chlorobenzene	11.520	112	113343	19.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	44719	20.233	ug/l	98
67) Ethyl Benzene	11.593	91	201353	20.058	ug/l	100
68) m/p-Xylenes	11.703	106	155637	40.483	ug/l	99
69) o-Xylene	12.032	106	73778	20.133	ug/l	99
70) Styrene	12.044	104	125310	20.036	ug/l	99
71) Bromoform	12.209	173	26943	19.763	ug/l #	100
73) Isopropylbenzene	12.331	105	202820	20.210	ug/l	100
74) N-amyl acetate	12.142	43	45723	18.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	38948	19.928	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	31133m	19.866	ug/l	
77) Bromobenzene	12.611	156	47884	20.436	ug/l	99
78) n-propylbenzene	12.672	91	244500	20.330	ug/l	99
79) 2-Chlorotoluene	12.758	91	137693	20.061	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	173804	20.490	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	12626	18.283	ug/l	99
82) 4-Chlorotoluene	12.855	91	143928	20.217	ug/l	100
83) tert-Butylbenzene	13.075	119	149039	20.178	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	171757	20.565	ug/l	99
85) sec-Butylbenzene	13.258	105	221757	20.160	ug/l	99
86) p-Isopropyltoluene	13.373	119	185739	20.288	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	96259	20.414	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	93117	19.869	ug/l	99
89) n-Butylbenzene	13.696	91	163872	19.690	ug/l	99
90) Hexachloroethane	13.959	117	36869	20.266	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	85905	20.245	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6503	19.085	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	47954	19.376	ug/l	99
94) Hexachlorobutadiene	15.111	225	31755	20.194	ug/l	100
95) Naphthalene	15.239	128	90537	18.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	42146	19.715	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
Data File : VY011812.D
Acq On : 13 Dec 2022 23:44
Operator : KP/MD
Sample : VY1213SBSD02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02

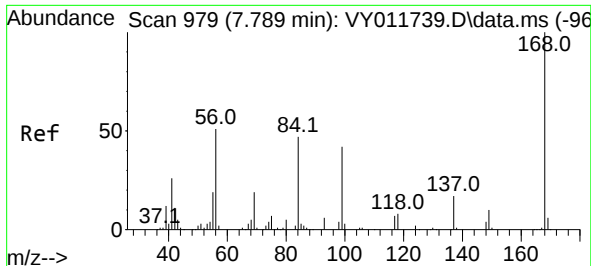
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:36:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
Quant Title : SW846 8260
QLast Update : Sat Dec 10 04:19:59 2022
Response via : Initial Calibration

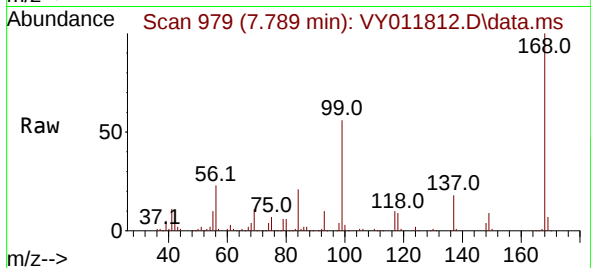
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

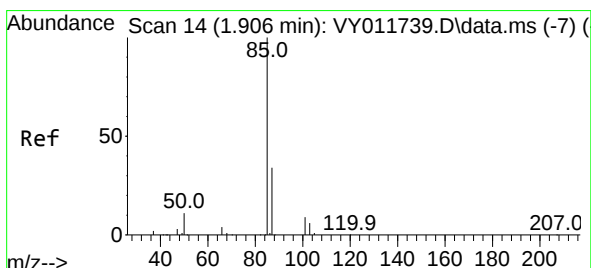
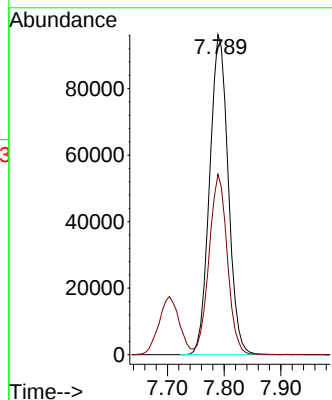
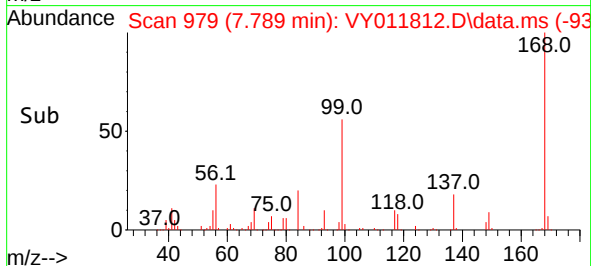
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



Tgt Ion:168 Resp: 218780
Ion Ratio Lower Upper
168 100
99 56.3 44.0 66.0

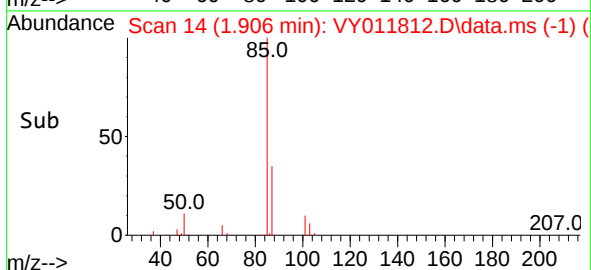
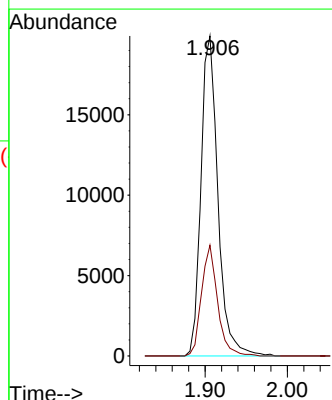
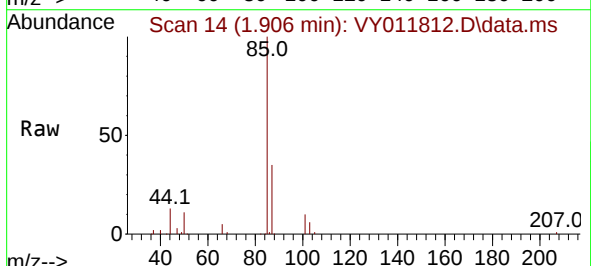
Manual Integrations
APPROVED

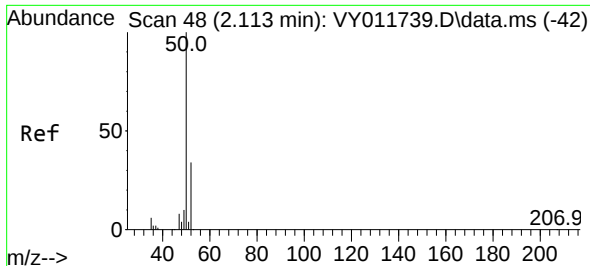
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#2
Dichlorodifluoromethane
Concen: 26.241 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

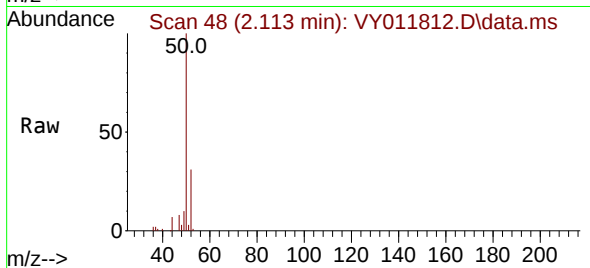
Tgt Ion: 85 Resp: 28594
Ion Ratio Lower Upper
85 100
87 34.6 16.8 50.4





#3
Chloromethane
Concen: 22.898 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

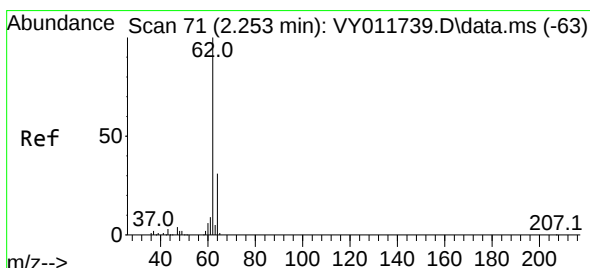
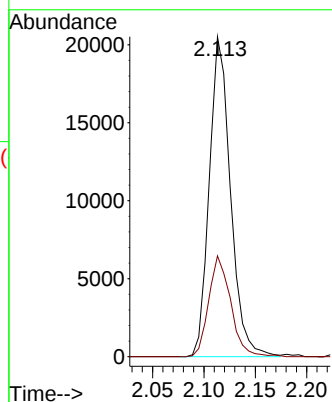
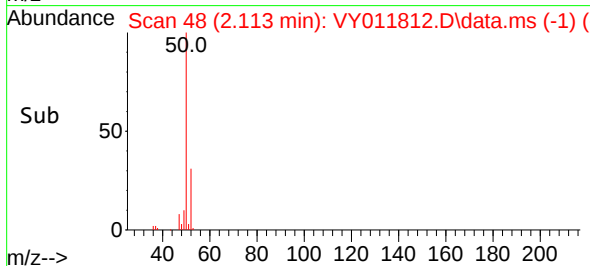
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



Tgt Ion: 50 Resp: 2944
Ion Ratio Lower Upper
50 100
52 31.5 26.8 40.2

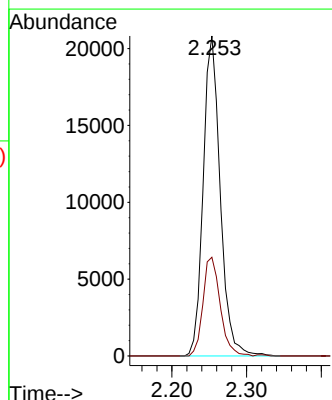
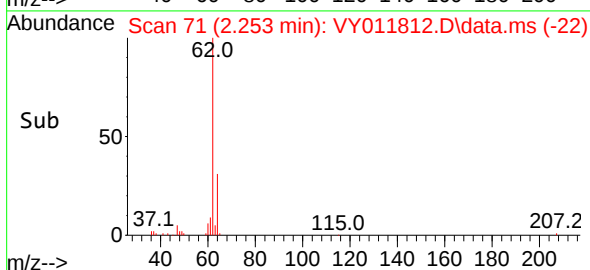
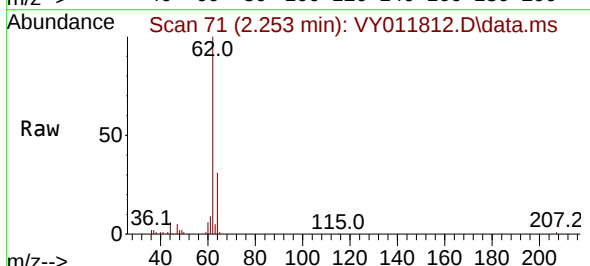
Manual Integrations
APPROVED

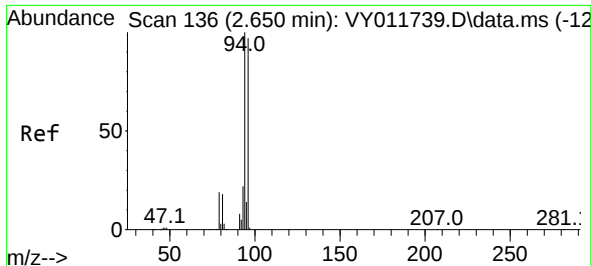
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#4
Vinyl Chloride
Concen: 21.402 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

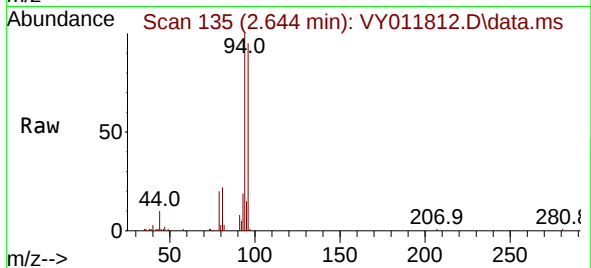
Tgt Ion: 62 Resp: 32971
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.6





#5
Bromomethane
Concen: 22.495 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

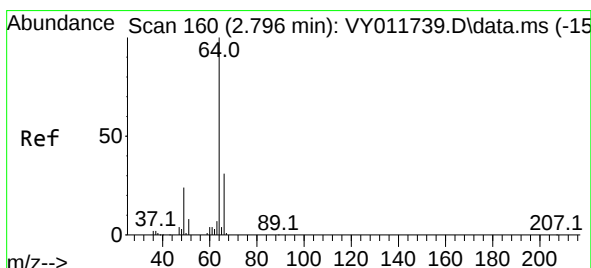
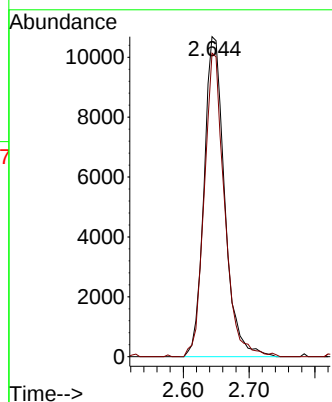
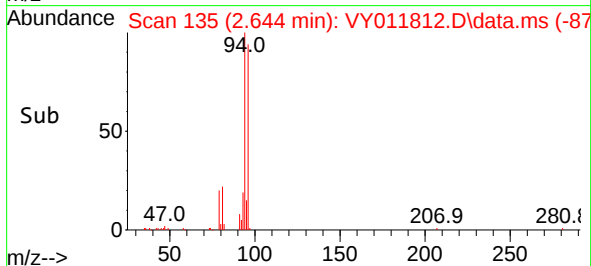
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02



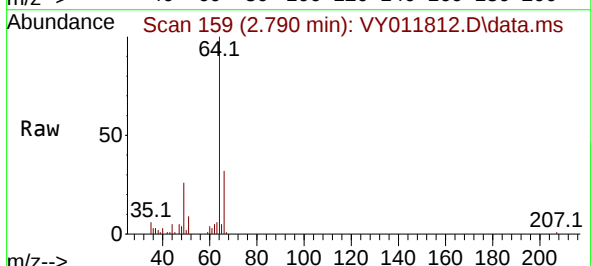
Tgt Ion: 94 Resp: 2328
Ion Ratio Lower Upper
94 100
96 94.8 77.4 116.2

Manual Integrations
APPROVED

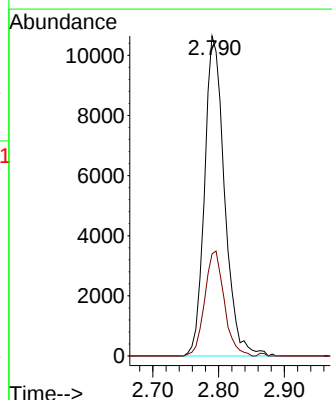
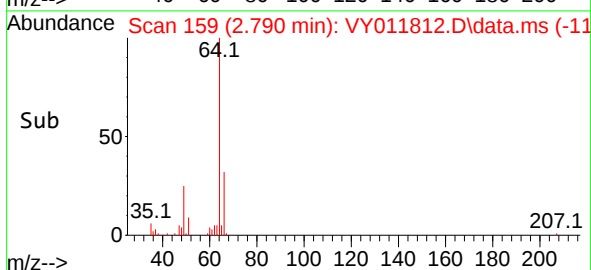
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

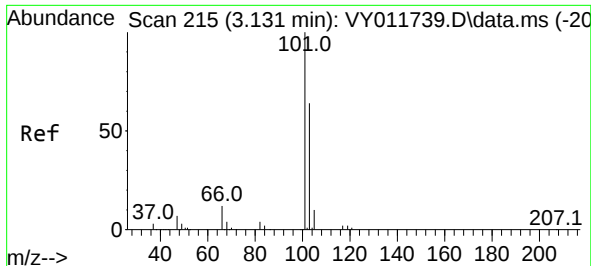


#6
Chloroethane
Concen: 20.737 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



Tgt Ion: 64 Resp: 22498
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.4





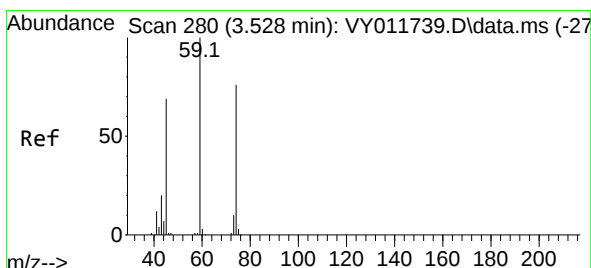
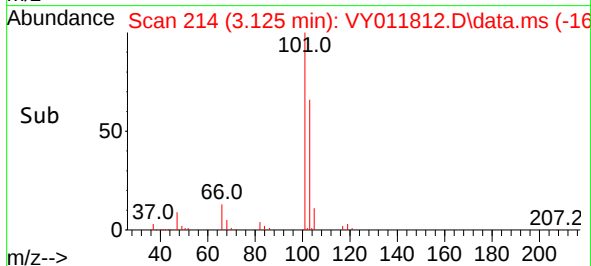
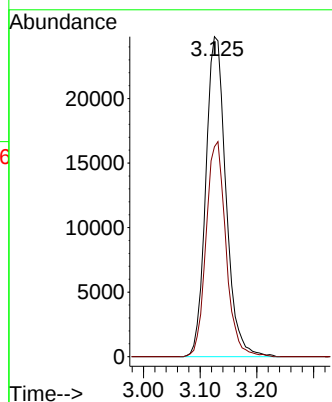
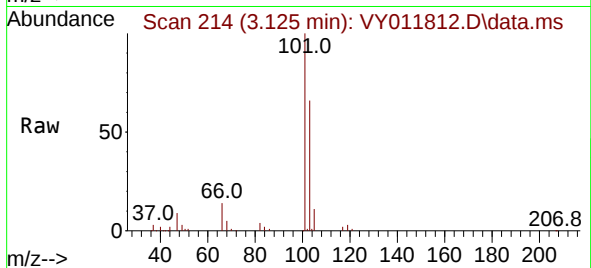
#7
Trichlorofluoromethane
Concen: 20.391 ug/l
RT: 3.125 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02

Tgt Ion:101 Resp: 6132
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.6

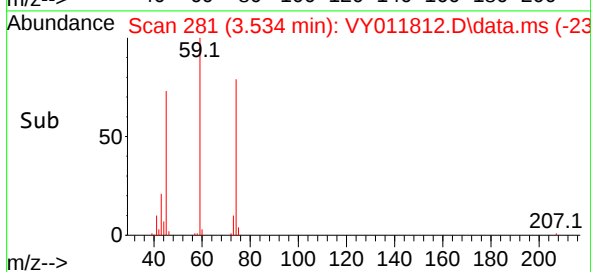
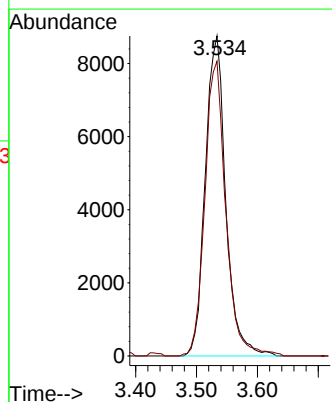
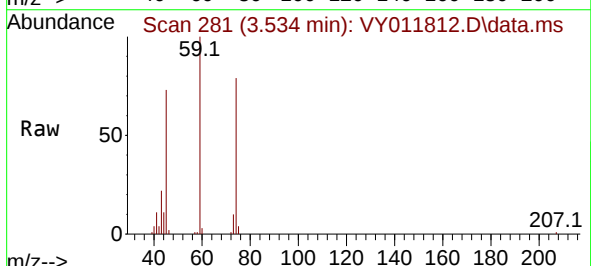
Manual Integrations
APPROVED

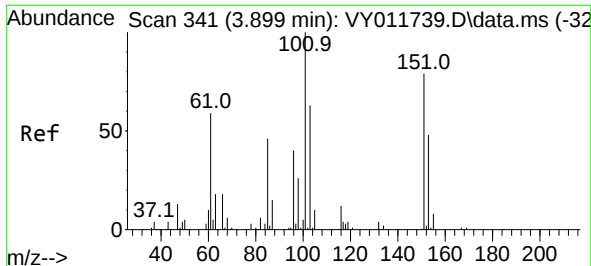
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#8
Diethyl Ether
Concen: 19.429 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 74 Resp: 20468
Ion Ratio Lower Upper
74 100
45 94.3 46.8 140.3





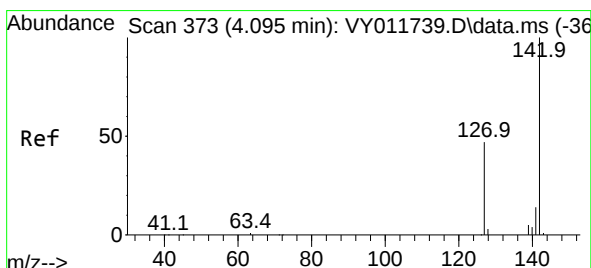
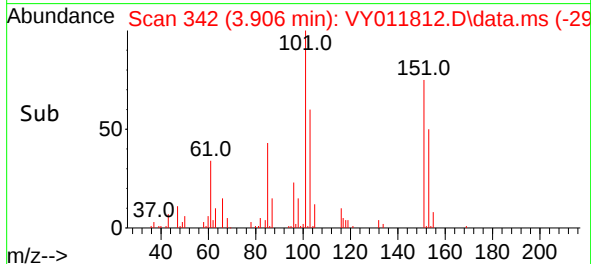
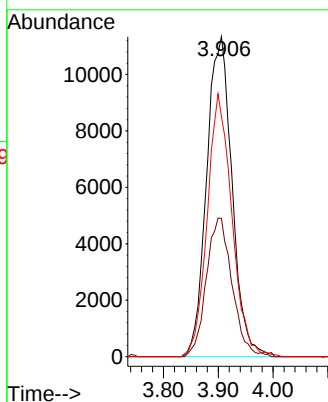
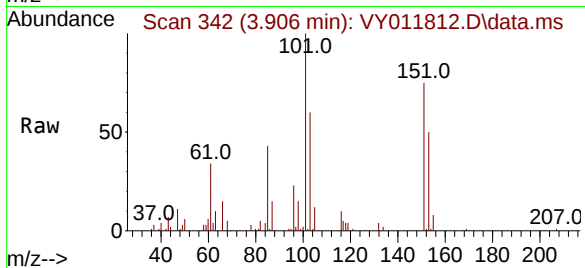
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.337 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02

Tgt Ion:101 Resp: 3651
Ion Ratio Lower Upper
101 100
85 43.8 36.2 54.2
151 79.9 64.2 96.2

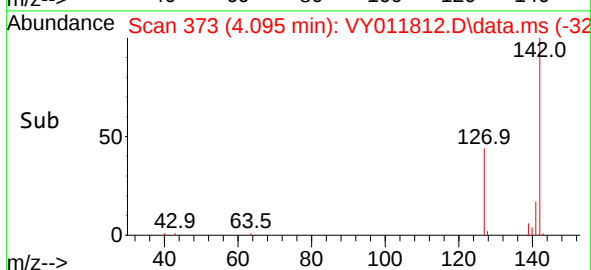
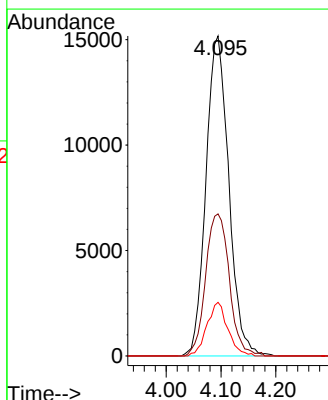
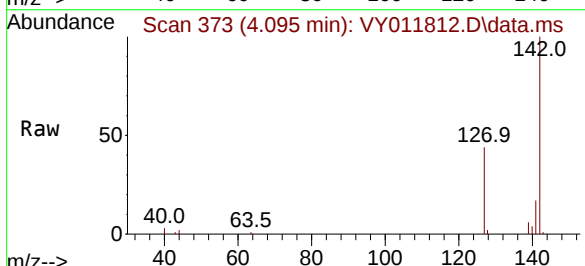
Manual Integrations
APPROVED

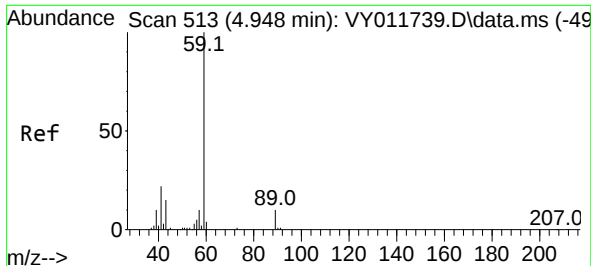
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#10
Methyl Iodide
Concen: 20.864 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion:142 Resp: 43858
Ion Ratio Lower Upper
142 100
127 46.2 37.0 55.4
141 15.4 11.4 17.0





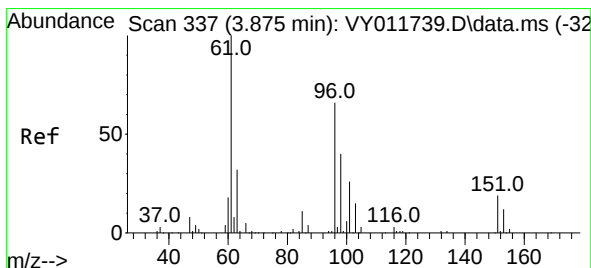
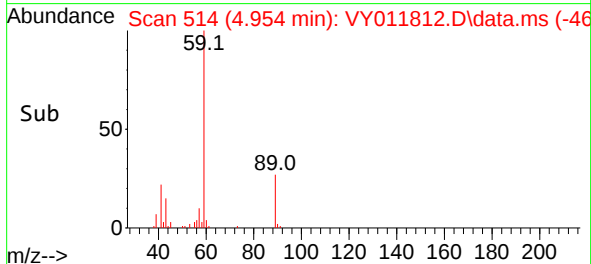
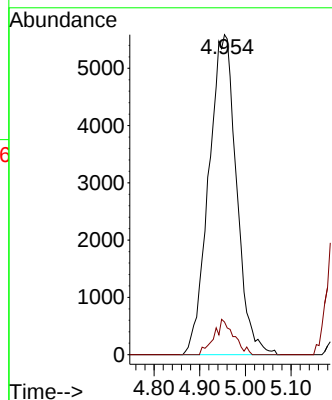
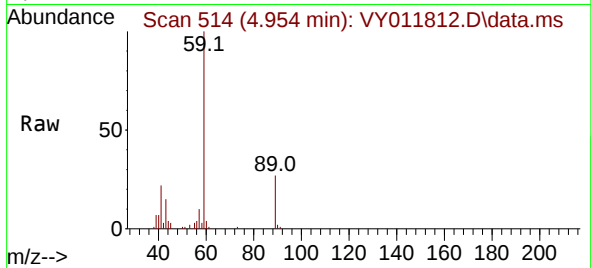
#11
Tert butyl alcohol
Concen: 110.671 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02

Tgt Ion: 59 Resp: 2354
Ion Ratio Lower Upper
59 100
57 7.9 7.4 11.2

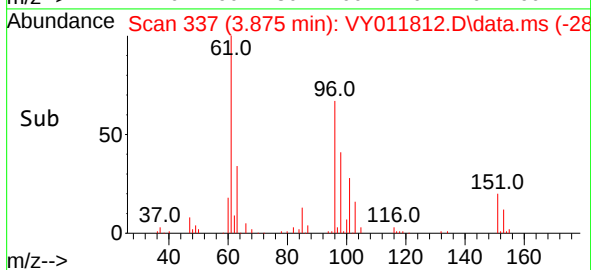
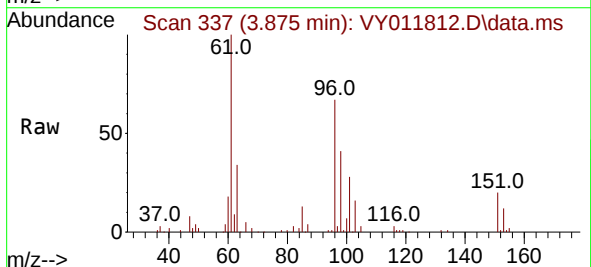
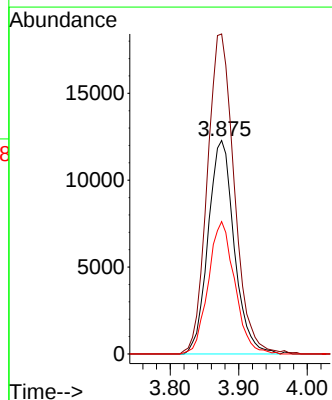
Manual Integrations
APPROVED

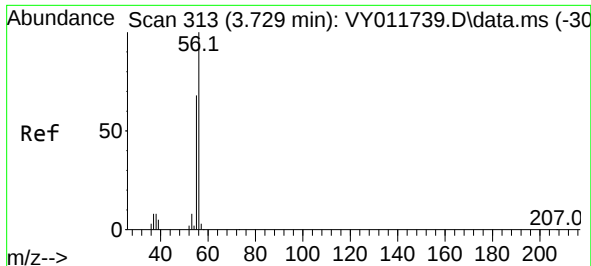
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#12
1,1-Dichloroethene
Concen: 20.092 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 96 Resp: 32532
Ion Ratio Lower Upper
96 100
61 150.0 122.0 183.0
98 62.1 48.6 73.0





#13

Acrolein

Concen: 95.110 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

Tgt Ion: 56 Resp: 29334

Ion Ratio Lower Upper

56 100

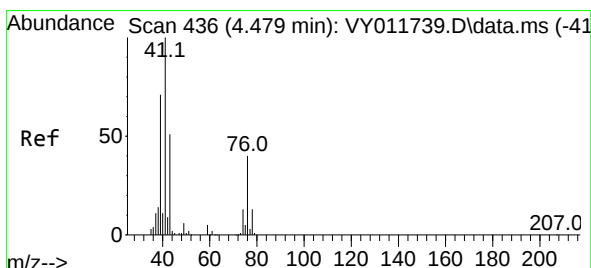
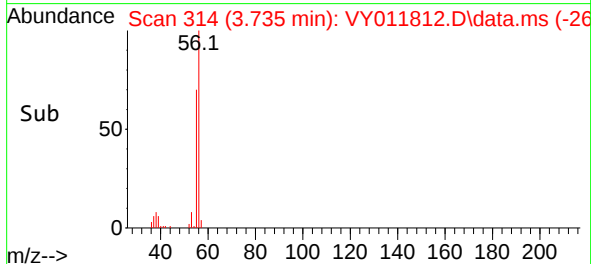
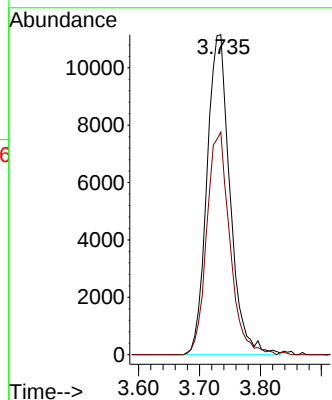
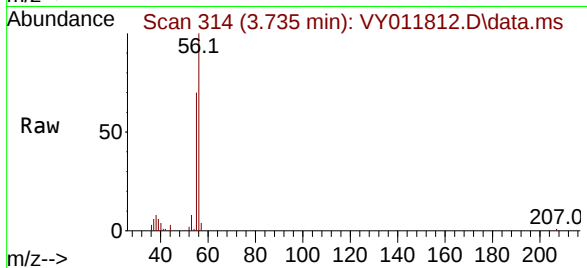
55 69.7 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#14

Allyl chloride

Concen: 19.862 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

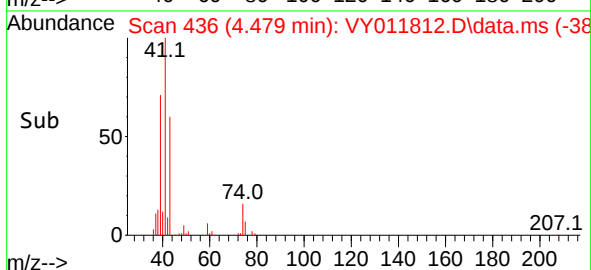
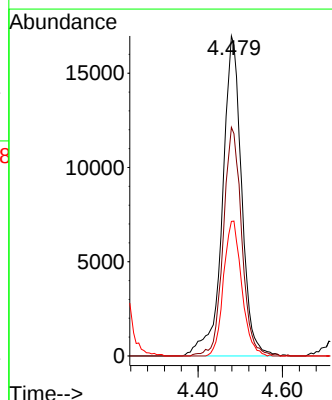
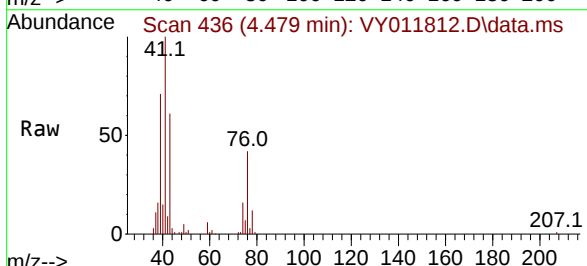
Tgt Ion: 41 Resp: 53420

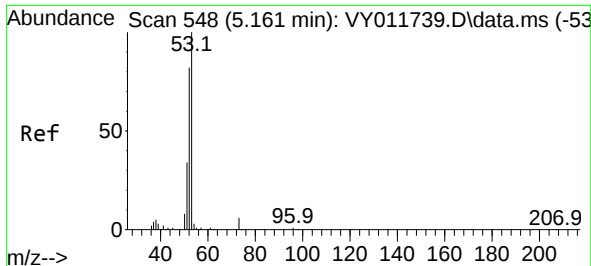
Ion Ratio Lower Upper

41 100

39 68.6 53.5 80.3

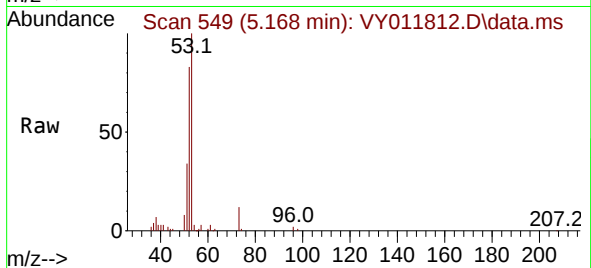
76 39.9 31.1 46.7





#15
Acrylonitrile
Concen: 96.096 ug/l
RT: 5.168 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

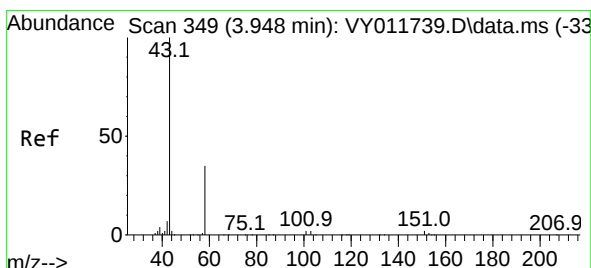
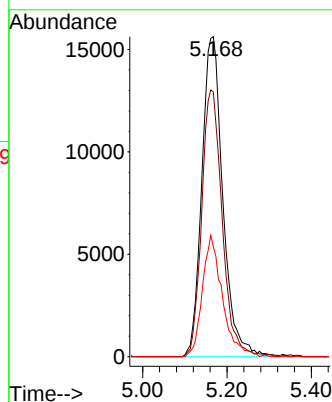
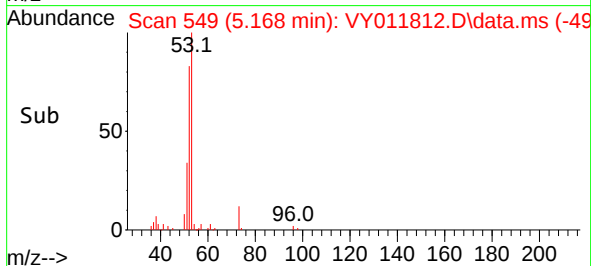
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02



Tgt Ion: 53 Resp: 54330
Ion Ratio Lower Upper
53 100
52 81.1 65.1 97.7
51 35.9 28.7 43.1

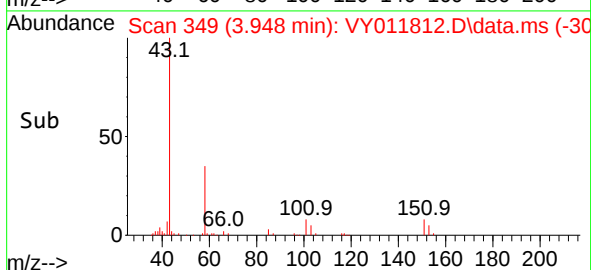
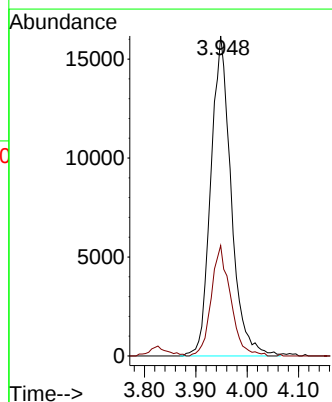
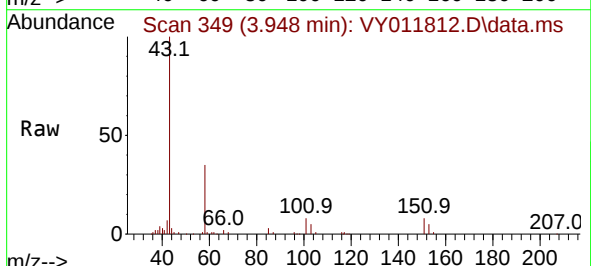
Manual Integrations
APPROVED

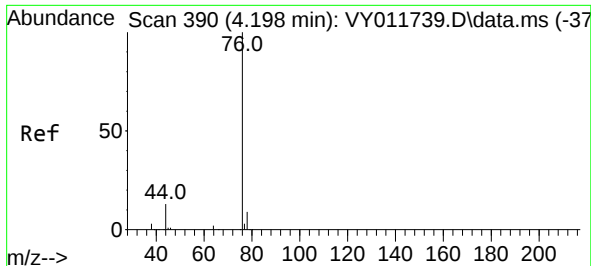
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#16
Acetone
Concen: 74.273 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 43 Resp: 44371
Ion Ratio Lower Upper
43 100
58 34.0 27.9 41.9





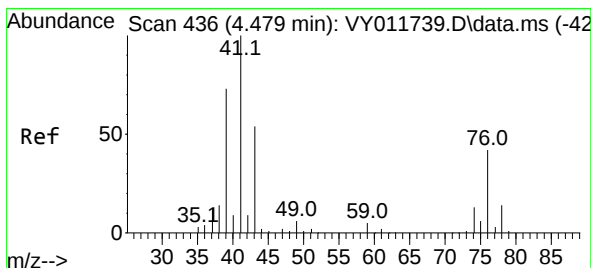
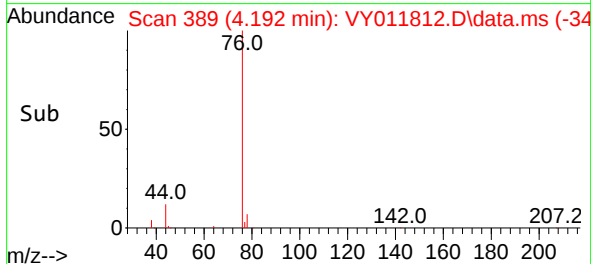
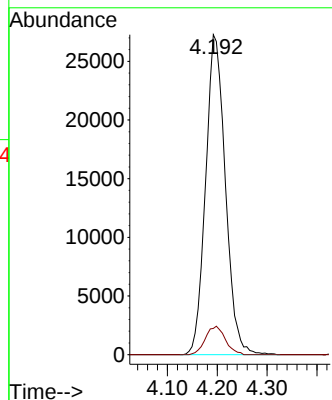
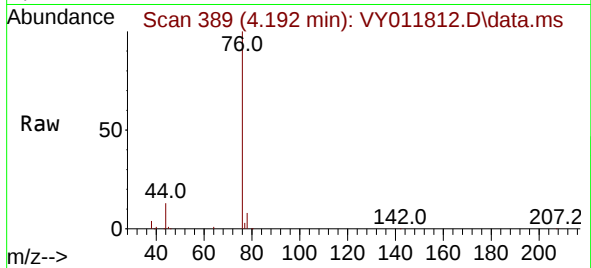
#17
Carbon Disulfide
Concen: 20.313 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02

Tgt Ion: 76 Resp: 7511
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

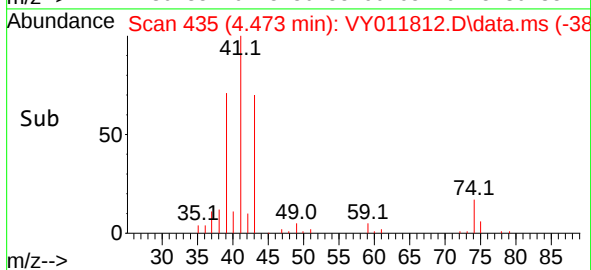
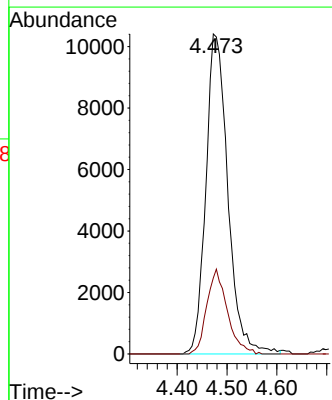
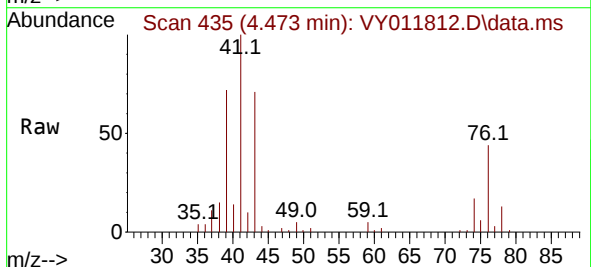
Manual Integrations
APPROVED

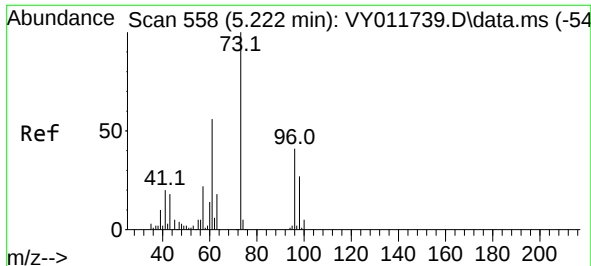
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#18
Methyl Acetate
Concen: 21.418 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

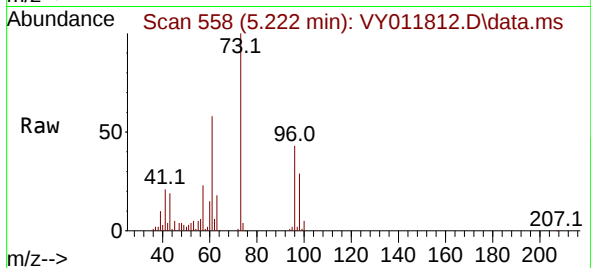
Tgt Ion: 43 Resp: 31900
Ion Ratio Lower Upper
43 100
74 24.7 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 19.691 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

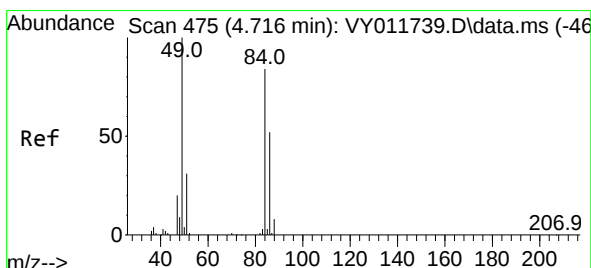
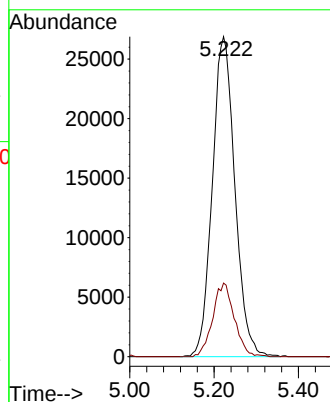
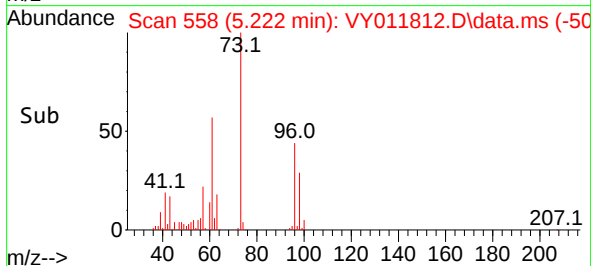
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02



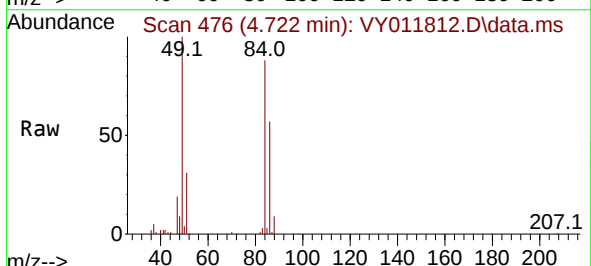
Tgt Ion: 73 Resp: 99829
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.0

Manual Integrations
APPROVED

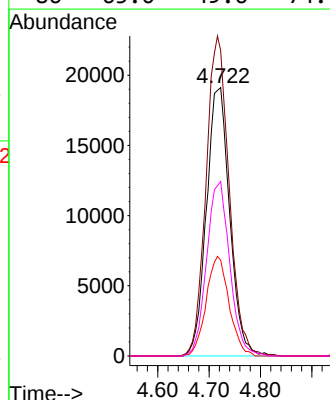
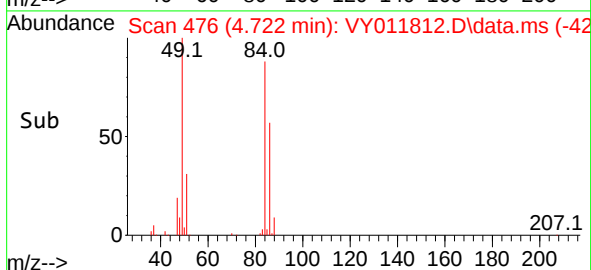
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

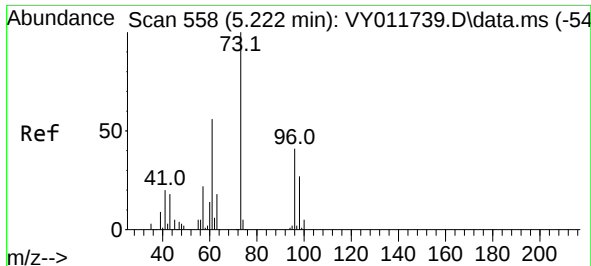


#20
Methylene Chloride
Concen: 25.376 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



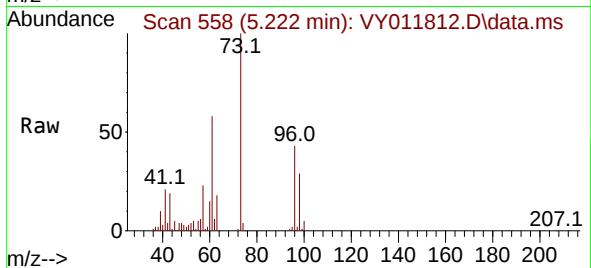
Tgt Ion: 84 Resp: 60118
Ion Ratio Lower Upper
84 100
49 113.8 95.4 143.2
51 35.7 29.9 44.9
86 65.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 20.269 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

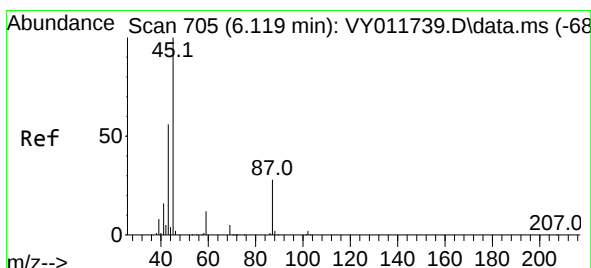
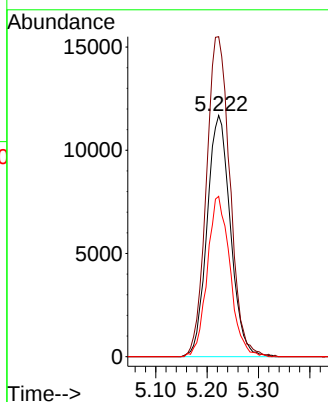
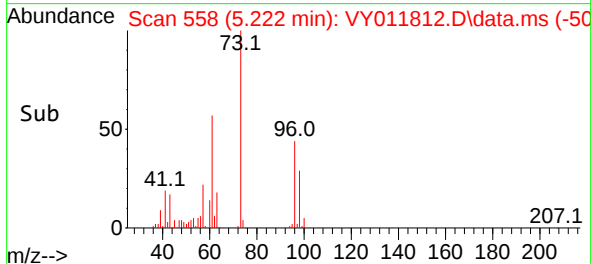
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



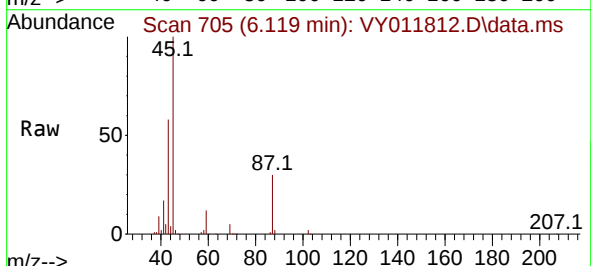
Tgt Ion: 96 Resp: 3688
Ion Ratio Lower Upper
96 100
61 132.6 108.0 162.0
98 66.4 51.6 77.4

Manual Integrations
APPROVED

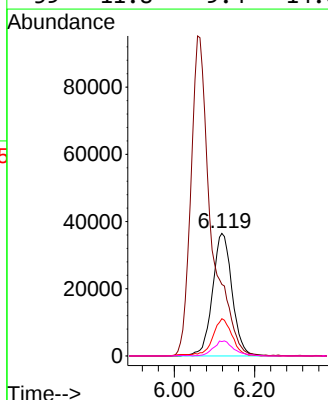
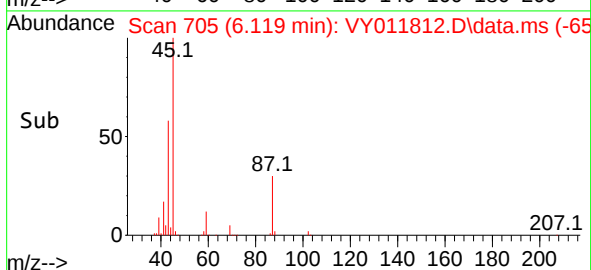
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

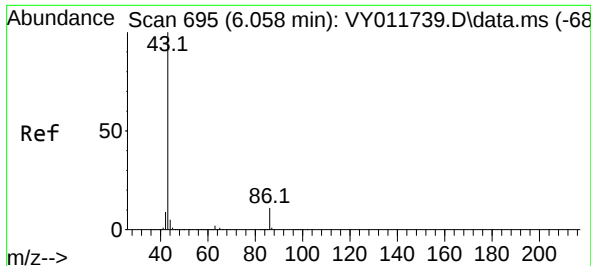


#22
Diisopropyl ether
Concen: 21.070 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



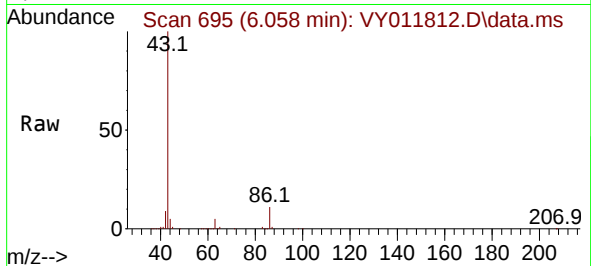
Tgt Ion: 45 Resp: 123643
Ion Ratio Lower Upper
45 100
43 57.6 45.0 67.4
87 30.4 22.6 33.8
59 11.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 99.498 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011812.D
 Acq: 13 Dec 2022 23:44

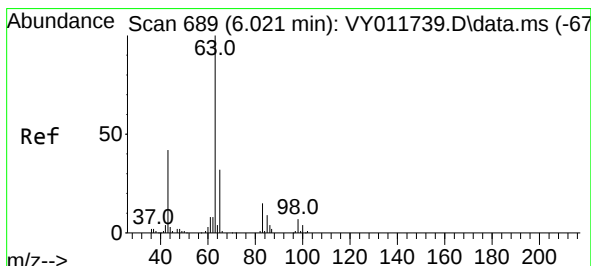
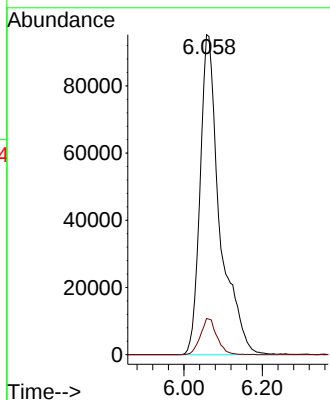
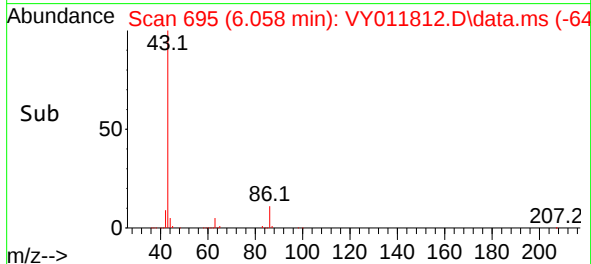
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1213SBS02



Tgt Ion: 43 Resp: 333089
 Ion Ratio Lower Upper
 43 100
 86 11.3 9.0 13.4

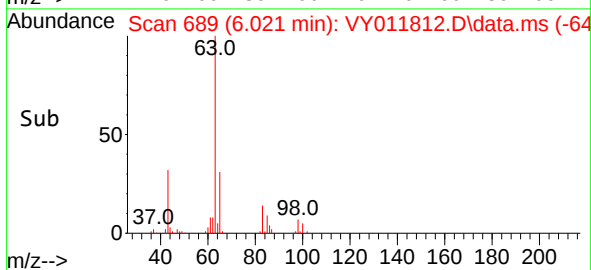
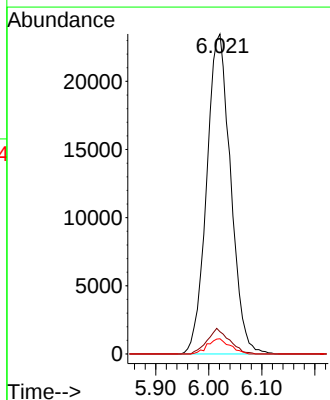
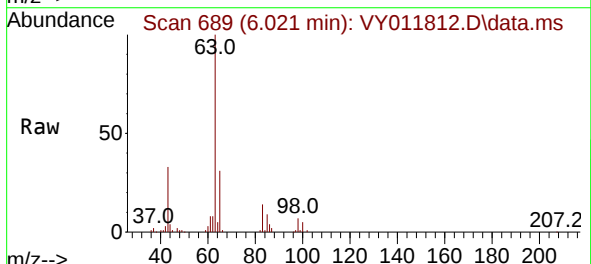
Manual Integrations
 APPROVED

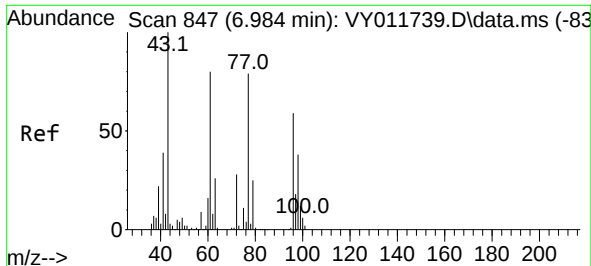
Reviewed By :Krupa Patel 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#24
 1,1-Dichloroethane
 Concen: 20.666 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011812.D
 Acq: 13 Dec 2022 23:44

Tgt Ion: 63 Resp: 73693
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 85.645 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

Tgt Ion: 43 Resp: 6581

Ion Ratio Lower Upper

43 100

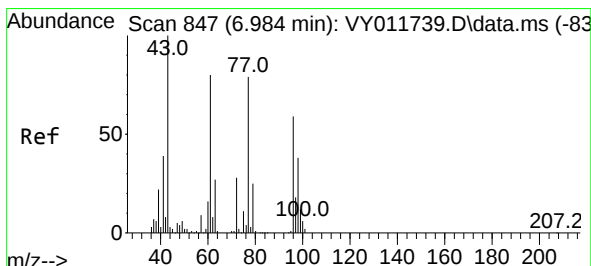
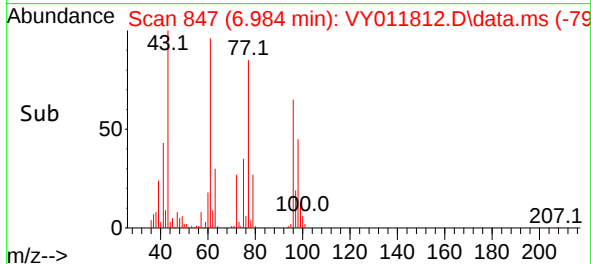
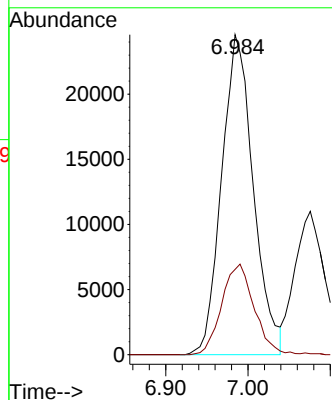
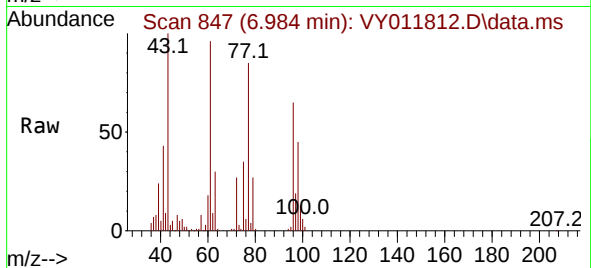
72 26.7 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#26

2,2-Dichloropropane

Concen: 19.369 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011812.D

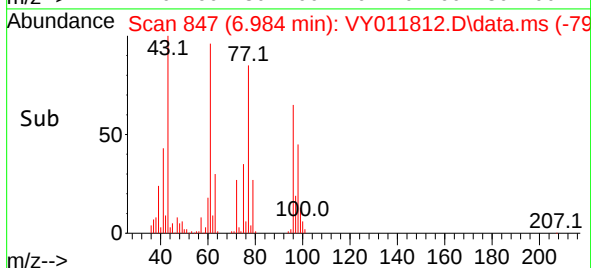
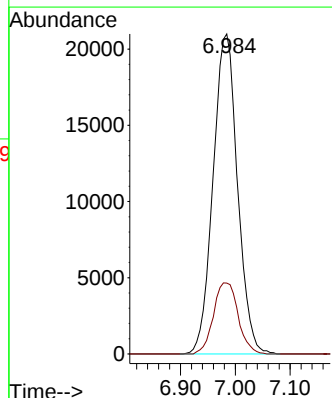
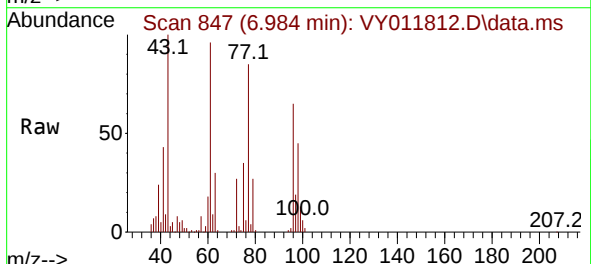
Acq: 13 Dec 2022 23:44

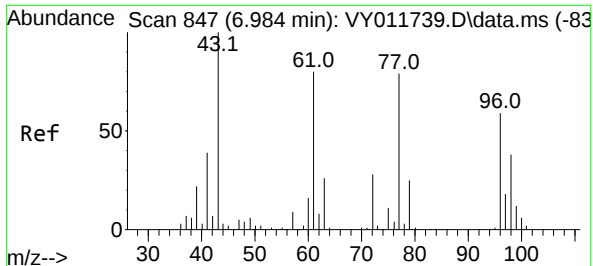
Tgt Ion: 77 Resp: 64980

Ion Ratio Lower Upper

77 100

97 22.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.769 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBSD02

Tgt Ion: 96 Resp: 46194

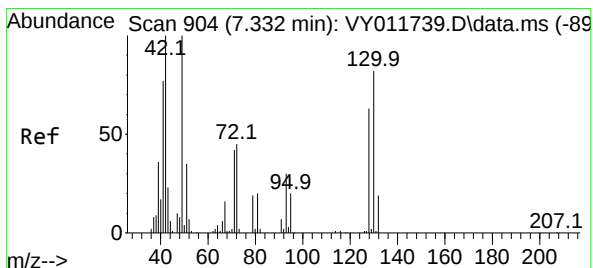
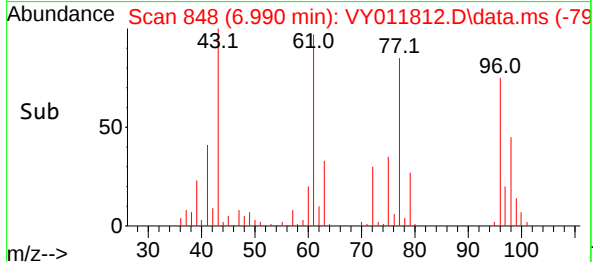
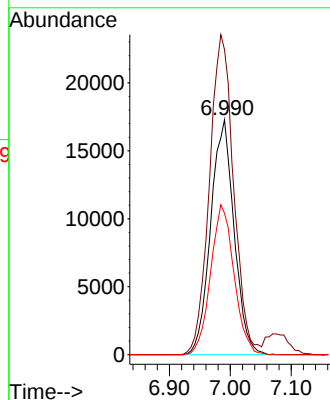
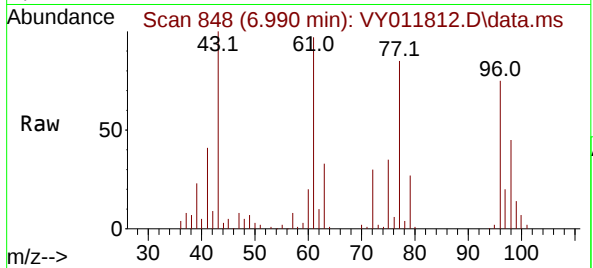
Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	283.4
98	63.8	0.0	127.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#28

Bromochloromethane

Concen: 19.314 ug/l

RT: 7.338 min Scan# 905

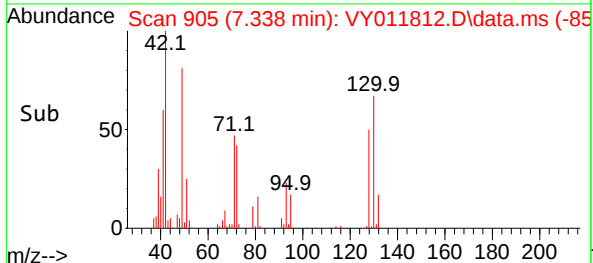
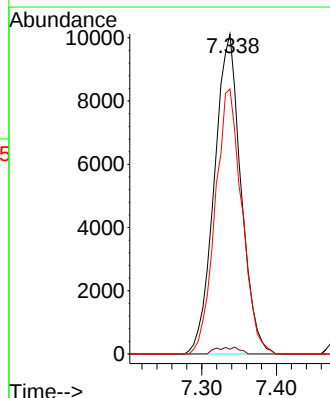
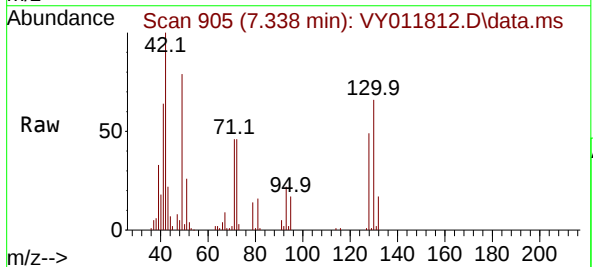
Delta R.T. 0.006 min

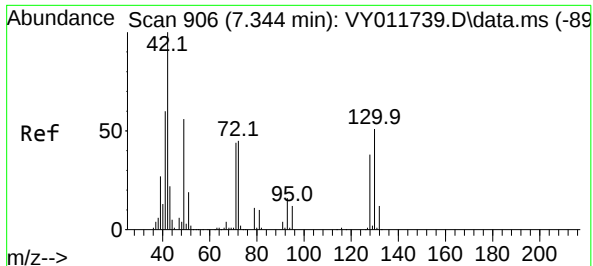
Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Tgt Ion: 49 Resp: 25073

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	83.3	66.7	100.1





#29

Tetrahydrofuran

Concen: 96.059 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBSD02

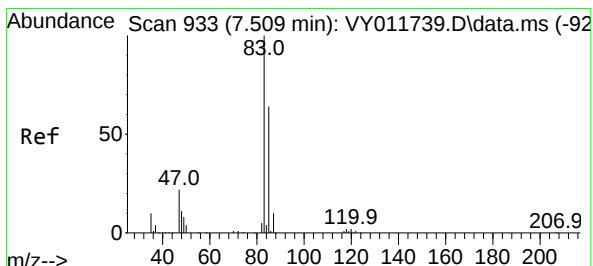
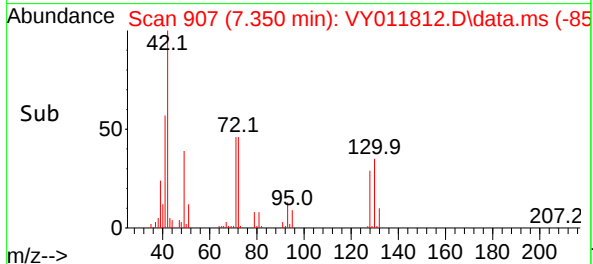
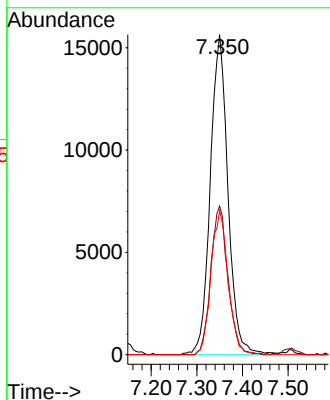
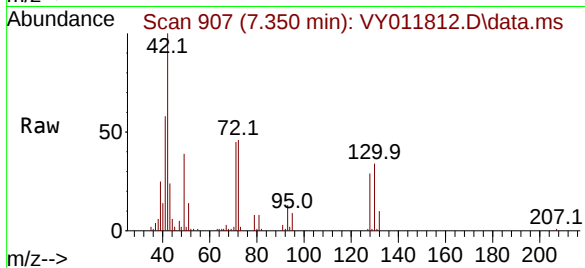
Tgt Ion:	42	Resp:	42014
Ion Ratio	Lower	Upper	
42	100		
72	45.2	37.0	55.6
71	43.6	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#30

Chloroform

Concen: 20.719 ug/l

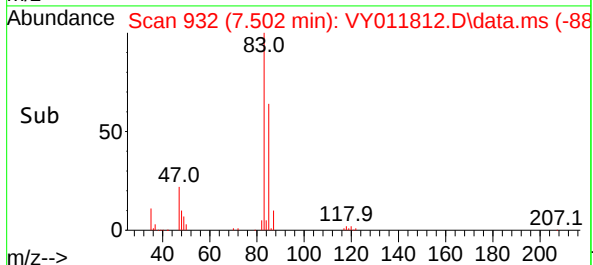
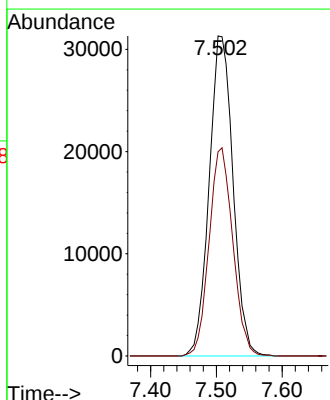
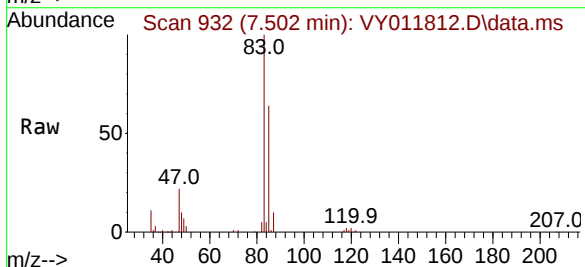
RT: 7.502 min Scan# 932

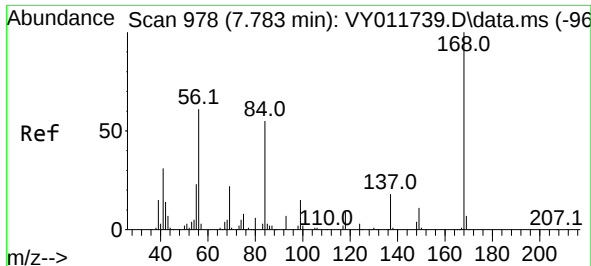
Delta R.T. -0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

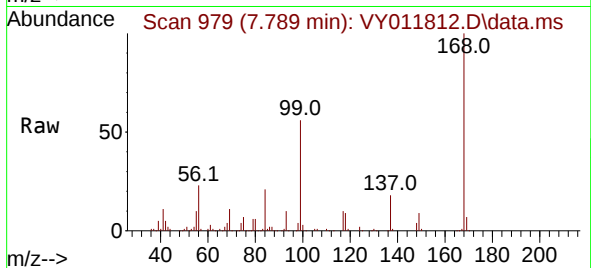
Tgt Ion:	83	Resp:	78986
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.5	77.3





#31
Cyclohexane
Concen: 19.886 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

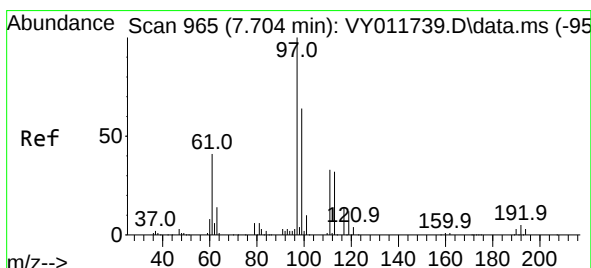
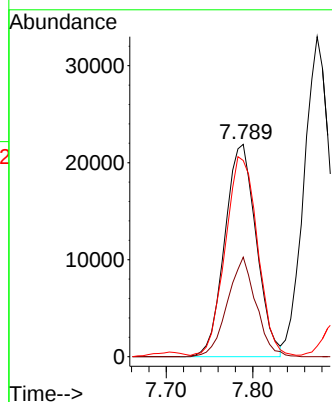
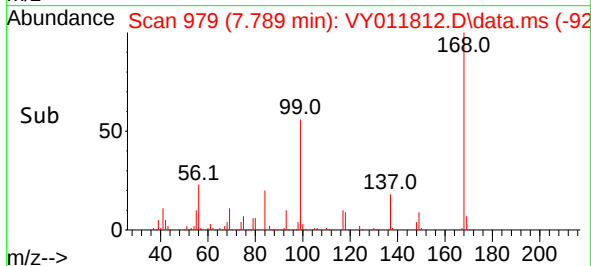
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02



Tgt Ion: 56 Resp: 55379
Ion Ratio Lower Upper
56 100
69 46.9 29.2 43.8
84 90.8 72.6 108.8

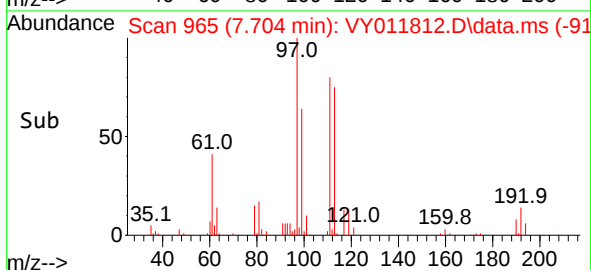
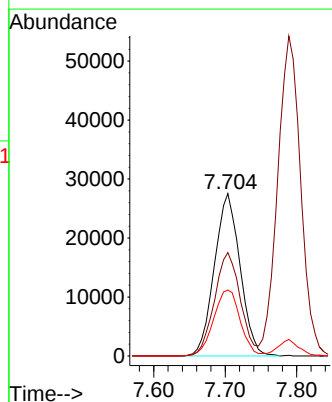
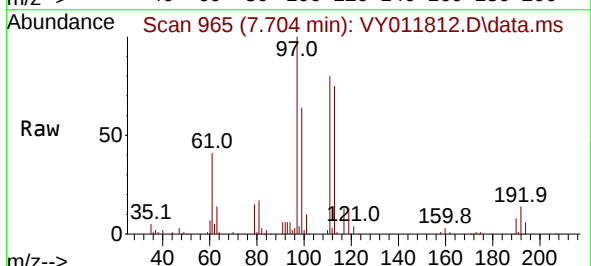
Manual Integrations
APPROVED

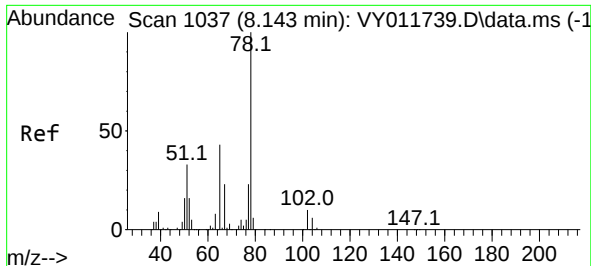
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#32
1,1,1-Trichloroethane
Concen: 20.202 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 97 Resp: 68683
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 42.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 47.667 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

Tgt Ion: 65 Resp: 71499

Ion Ratio Lower Upper

65 100

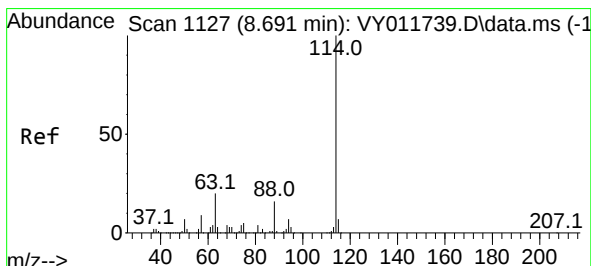
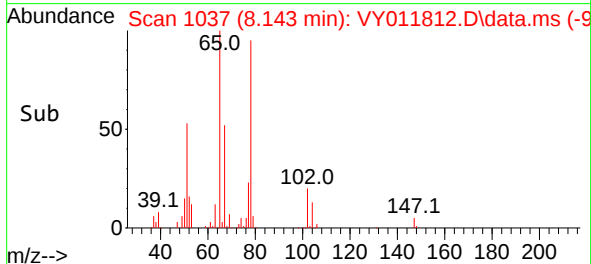
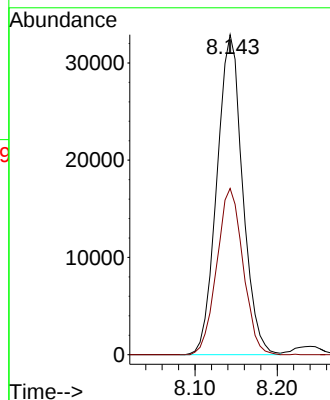
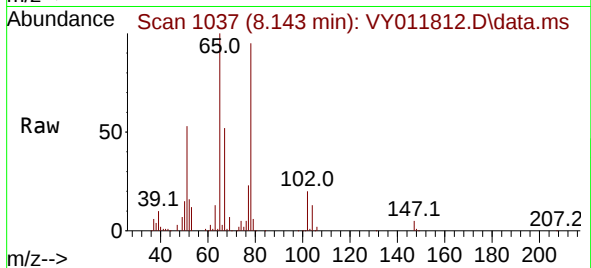
67 52.9 0.0 103.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

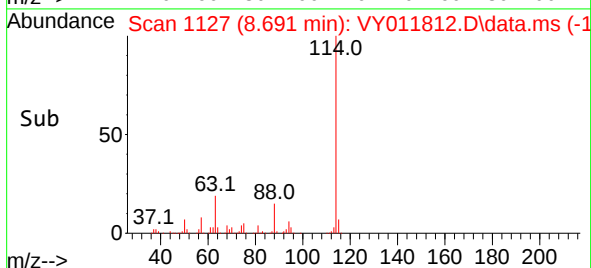
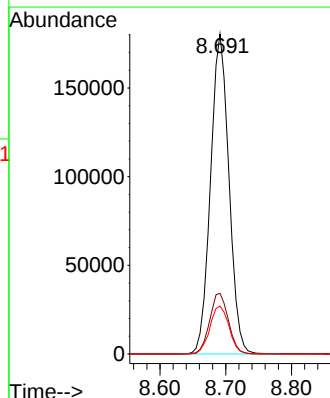
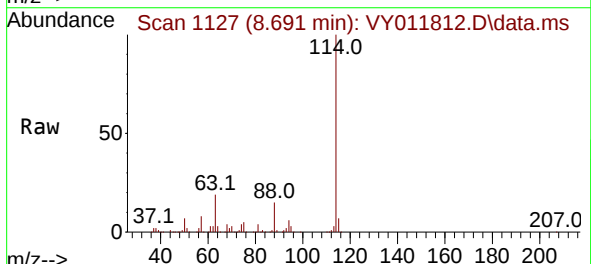
Tgt Ion:114 Resp: 350778

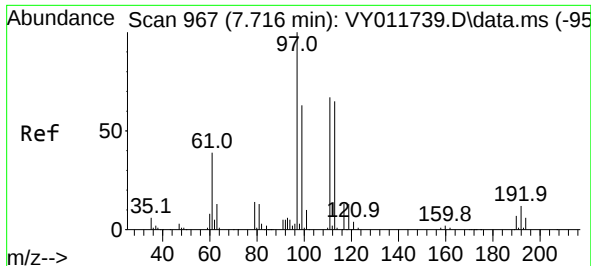
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.882 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

Tgt Ion: 113 Resp: 7631

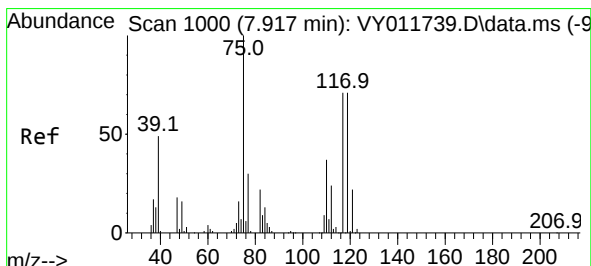
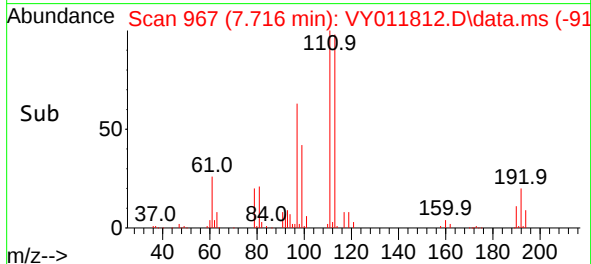
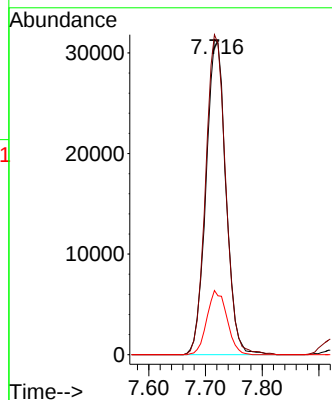
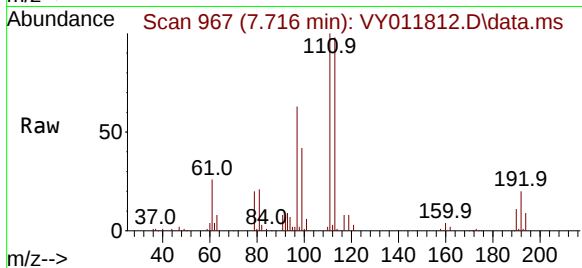
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.0	124.4
192	20.5	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#36

1,1-Dichloropropene

Concen: 19.563 ug/l

RT: 7.917 min Scan# 1000

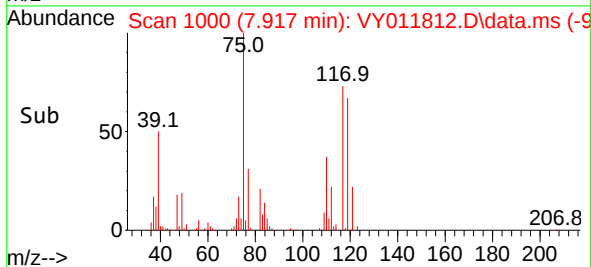
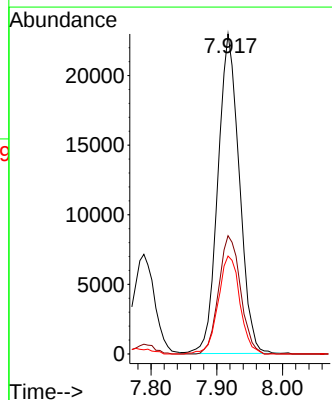
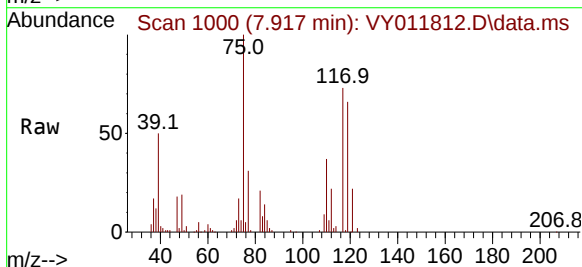
Delta R.T. 0.000 min

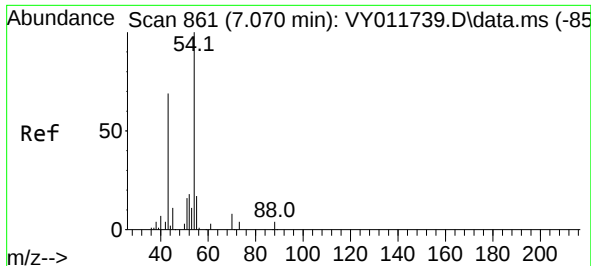
Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Tgt Ion: 75 Resp: 52075

Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.1	54.1
77	31.1	25.1	37.7





#37

Ethyl Acetate

Concen: 19.166 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

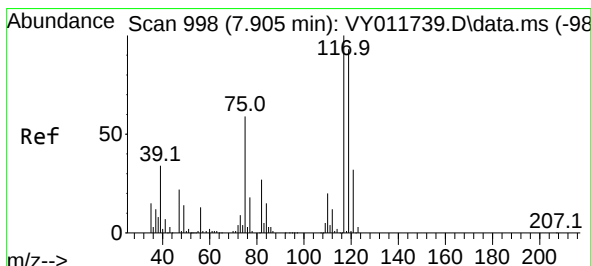
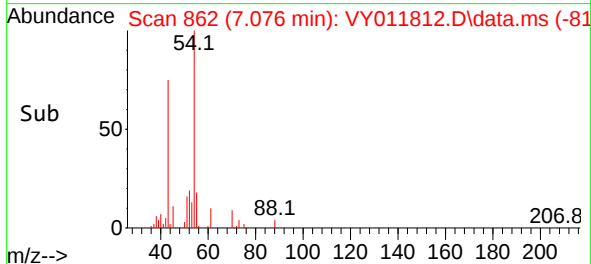
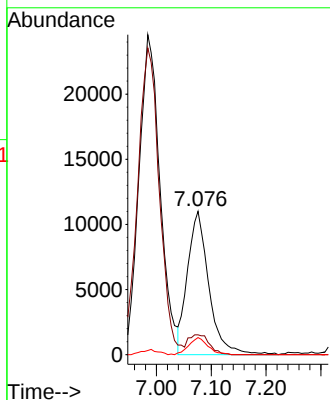
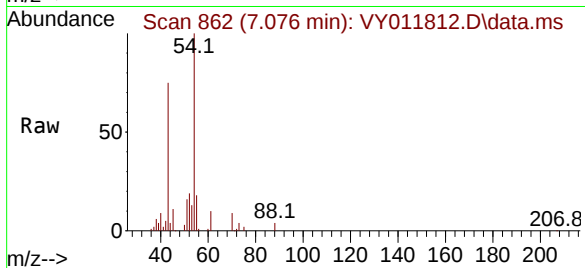
Tgt Ion: 43	Resp: 29820
Ion Ratio	Lower Upper
43 100	
61 13.5	11.3 16.9
70 10.6	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#38

Carbon Tetrachloride

Concen: 20.161 ug/l

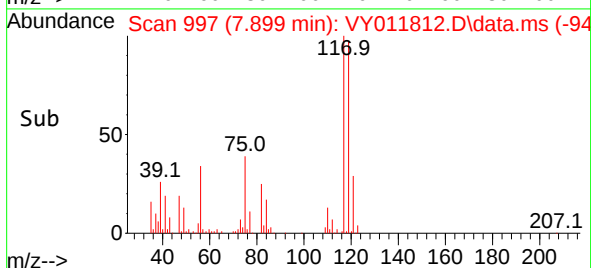
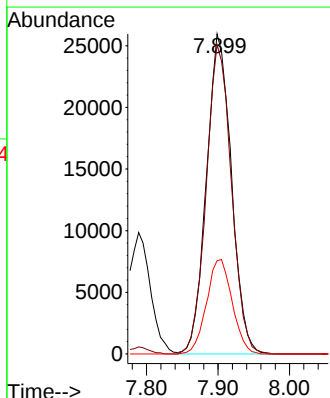
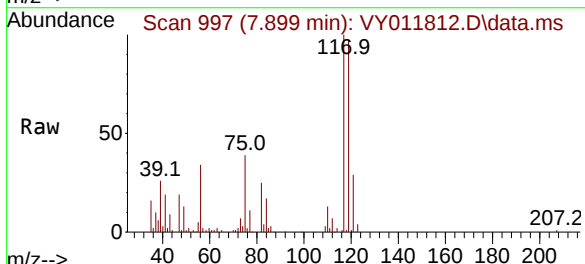
RT: 7.899 min Scan# 997

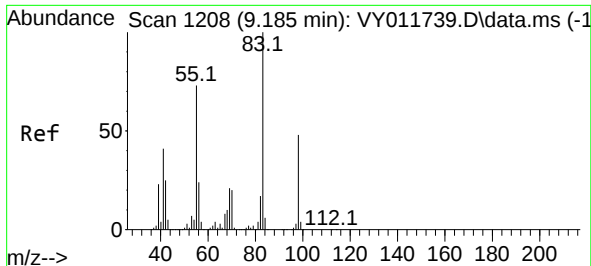
Delta R.T. -0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Tgt Ion: 117	Resp: 63040
Ion Ratio	Lower Upper
117 100	
119 96.7	73.8 110.8
121 29.2	25.2 37.8





#39

Methylcyclohexane

Concen: 19.983 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBSD02

Tgt Ion: 83 Resp: 5985

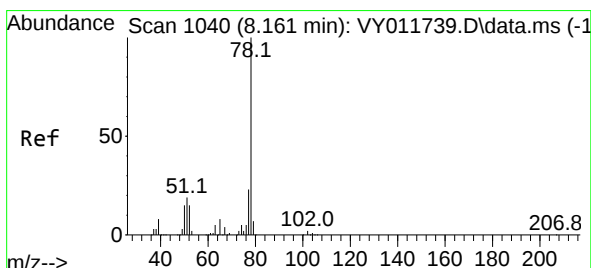
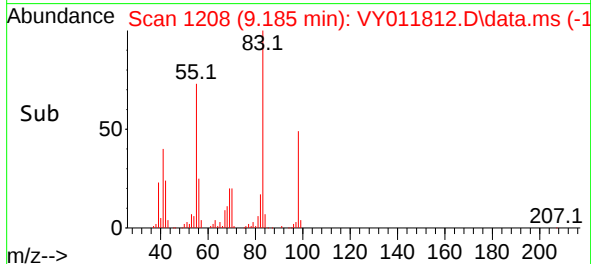
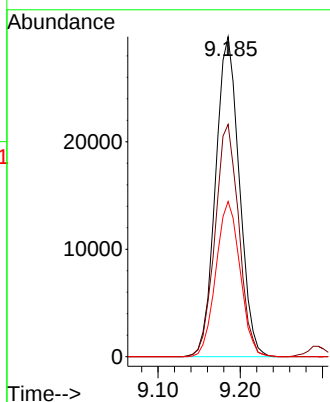
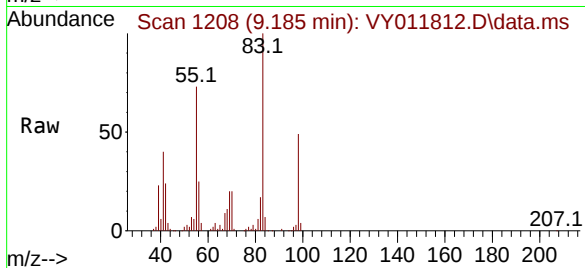
Ion	Ratio	Lower	Upper
83	100		
55	72.6	58.2	87.2
98	48.5	38.6	58.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#40

Benzene

Concen: 20.367 ug/l

RT: 8.161 min Scan# 1040

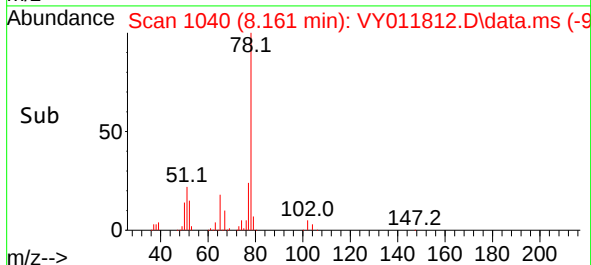
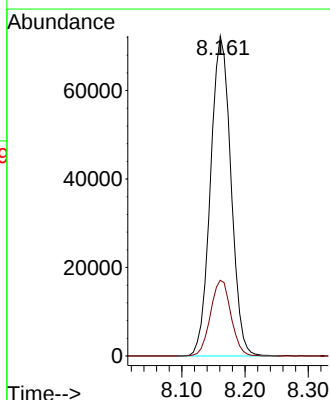
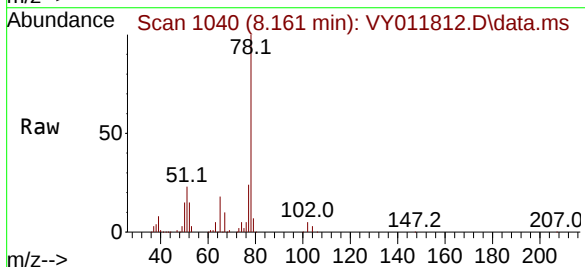
Delta R.T. -0.000 min

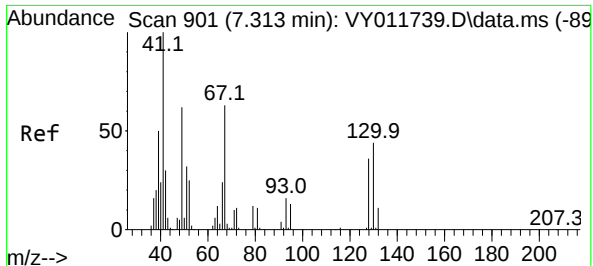
Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Tgt Ion: 78 Resp: 161963

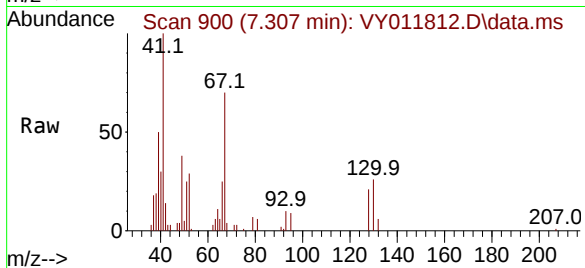
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8





#41
Methacrylonitrile
Concen: 18.803 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

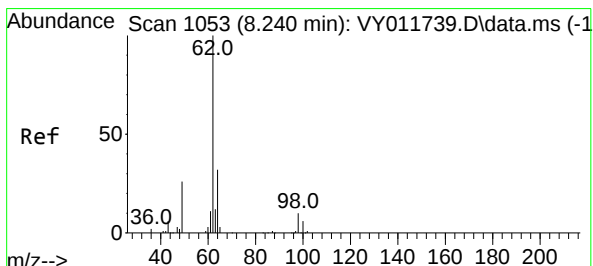
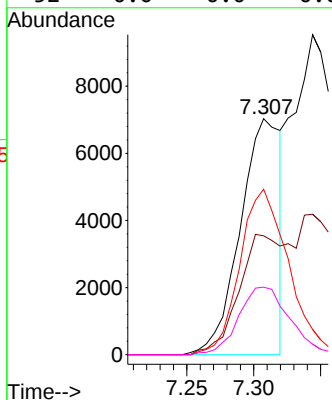
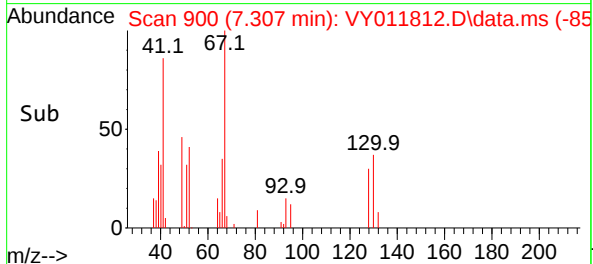
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02



Tgt Ion: 41 Resp: 14772
Ion Ratio Lower Upper
41 100
39 60.8 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

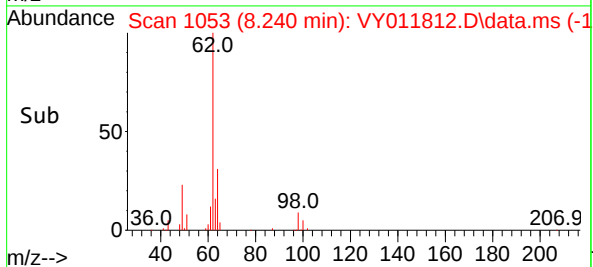
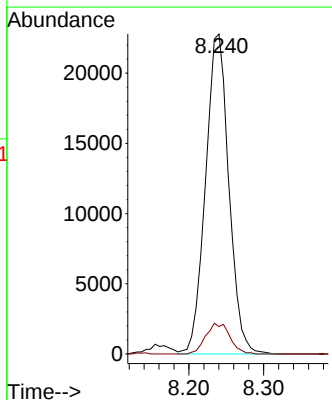
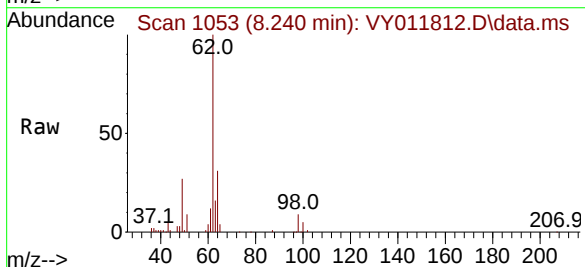
Manual Integrations
APPROVED

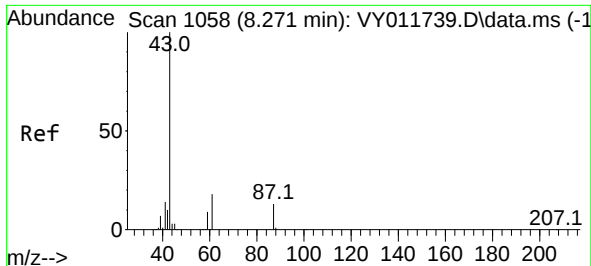
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#42
1,2-Dichloroethane
Concen: 20.145 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 62 Resp: 49539
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.6





#43

Isopropyl Acetate

Concen: 19.177 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

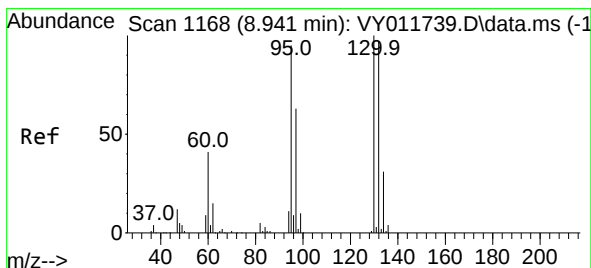
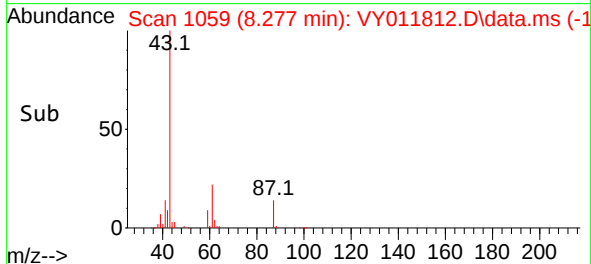
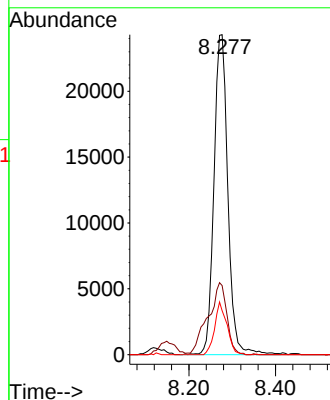
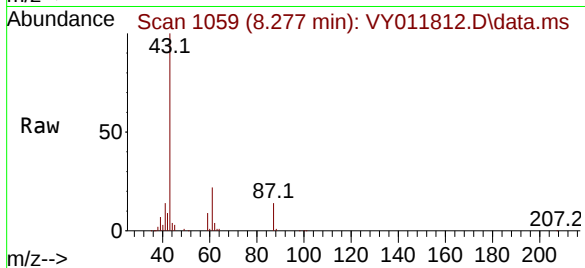
Tgt Ion: 43	Resp: 5411
Ion Ratio	Lower Upper
43	100
61	30.6 24.4 36.6
87	14.5 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#44

Trichloroethene

Concen: 19.781 ug/l

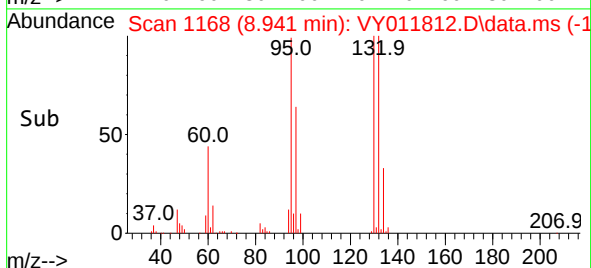
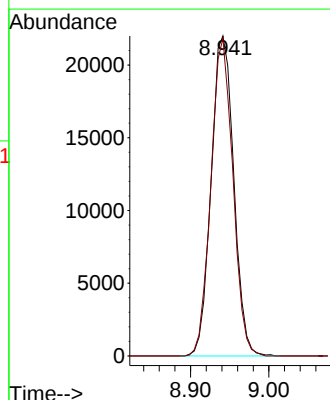
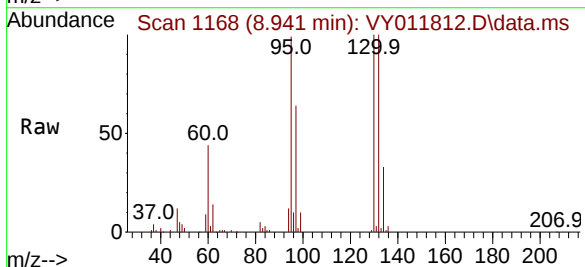
RT: 8.941 min Scan# 1168

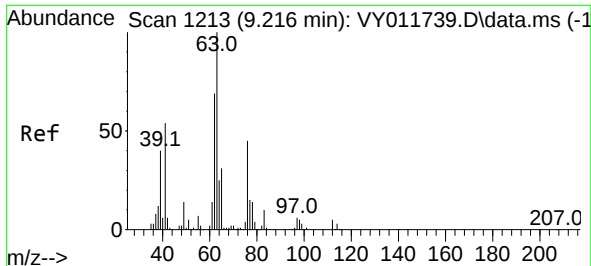
Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Tgt Ion:130	Resp: 44054
Ion Ratio	Lower Upper
130	100
95	99.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 19.949 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBSD02

Tgt Ion: 63 Resp: 41059

Ion Ratio Lower Upper

63 100

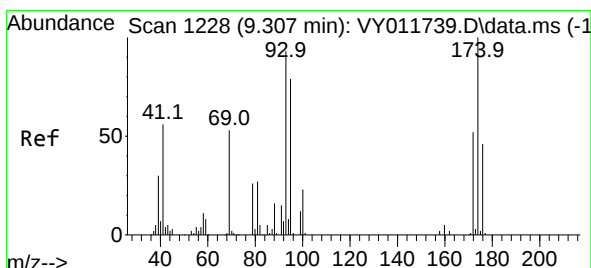
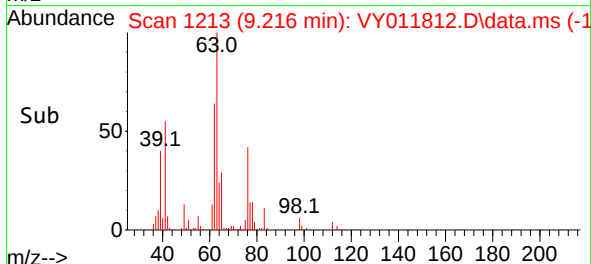
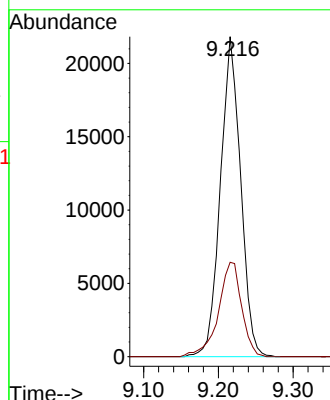
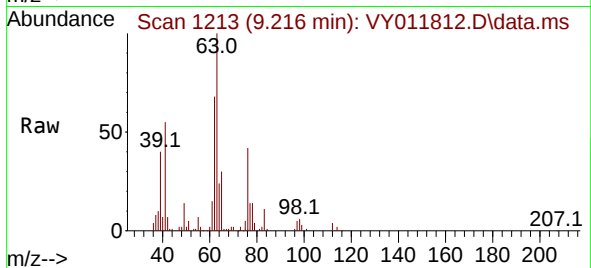
65 29.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#46

Dibromomethane

Concen: 19.636 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

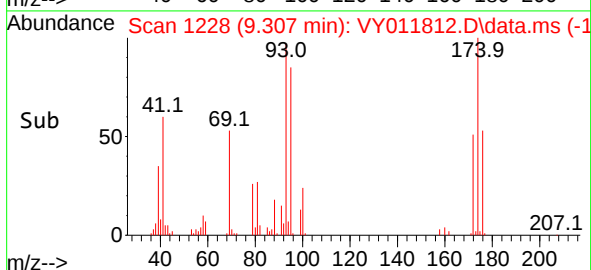
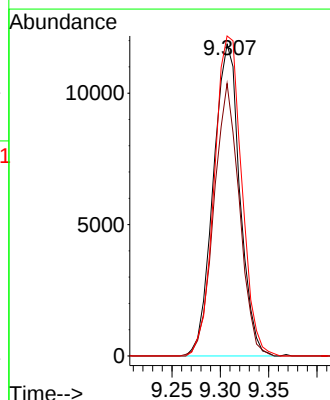
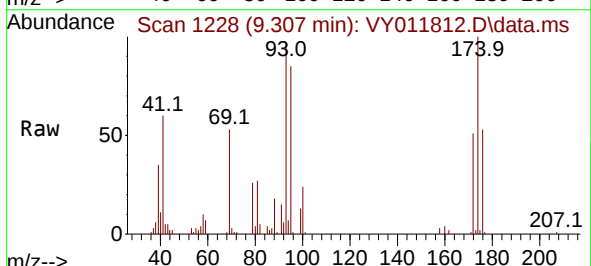
Tgt Ion: 93 Resp: 22623

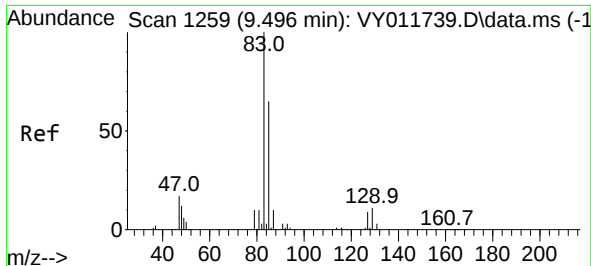
Ion Ratio Lower Upper

93 100

95 83.7 66.1 99.1

174 106.0 84.7 127.1





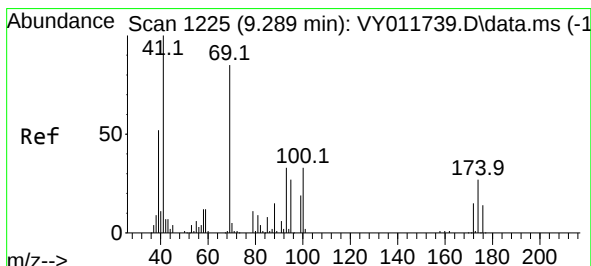
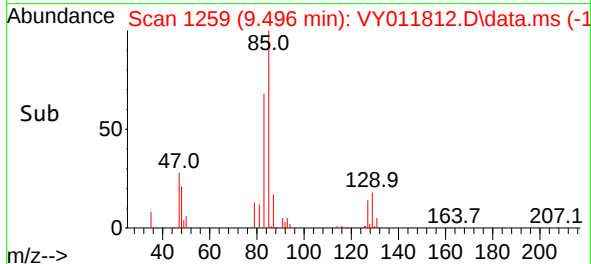
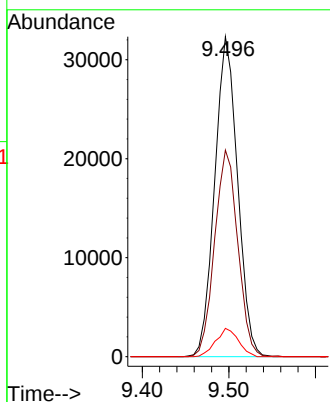
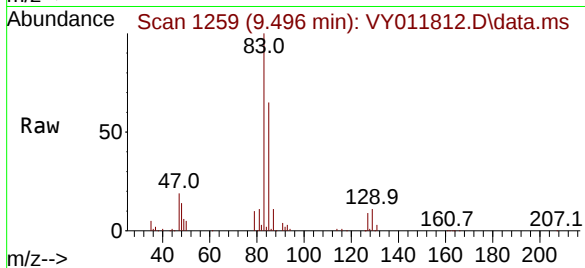
#47
Bromodichloromethane
Concen: 19.923 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02

Tgt Ion: 83 Resp: 59298
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0
127 8.9 7.3 10.9

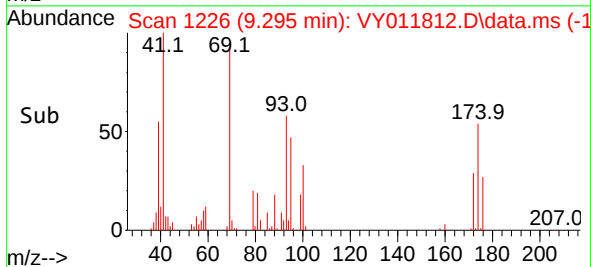
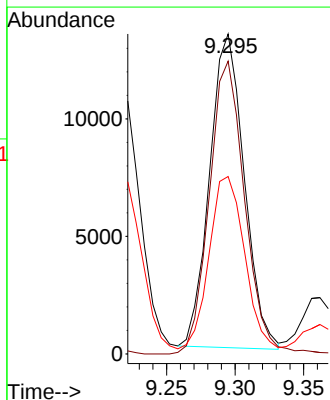
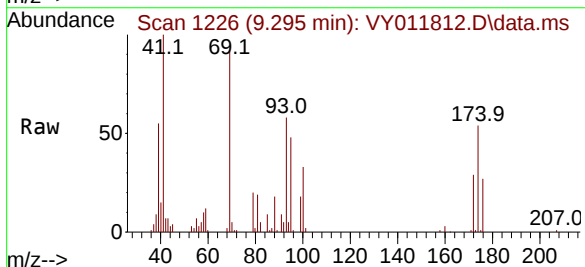
Manual Integrations
APPROVED

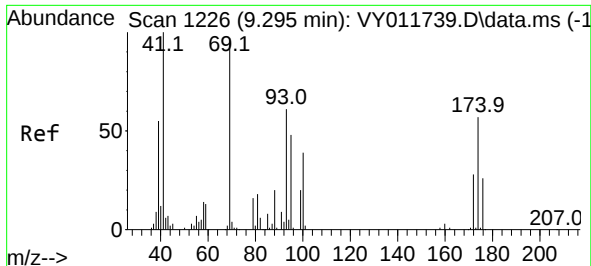
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#48
Methyl methacrylate
Concen: 18.822 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 41 Resp: 23412
Ion Ratio Lower Upper
41 100
69 95.8 74.2 111.2
39 56.2 46.3 69.5





#49

1,4-Dioxane

Concen: 373.044 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

Tgt Ion: 88 Resp: 5954

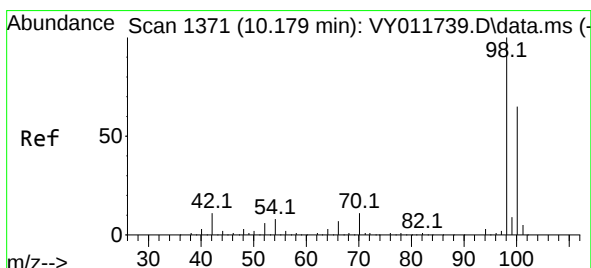
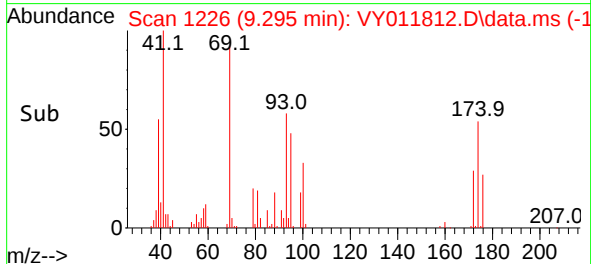
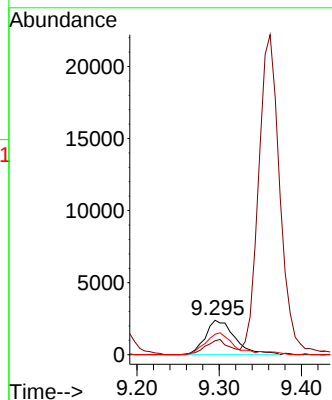
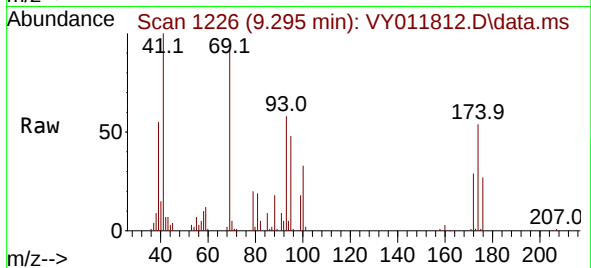
Ion	Ratio	Lower	Upper
88	100		
43	36.2	26.2	39.2
58	58.4	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#50

Toluene-d8

Concen: 45.289 ug/l

RT: 10.179 min Scan# 1371

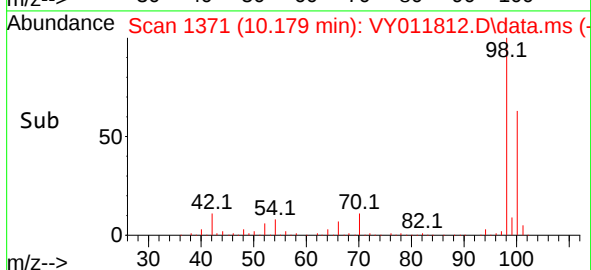
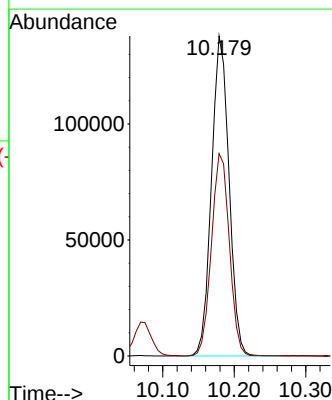
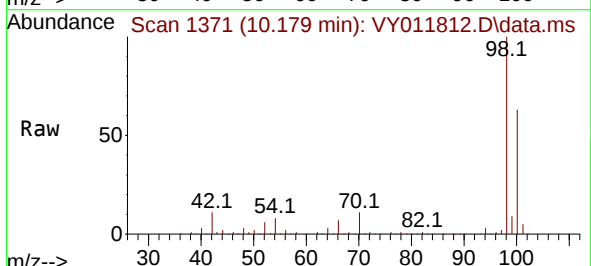
Delta R.T. -0.000 min

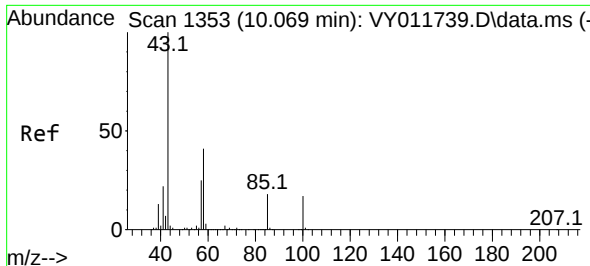
Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Tgt Ion: 98 Resp: 234605

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





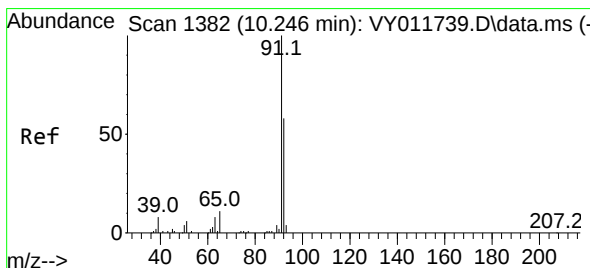
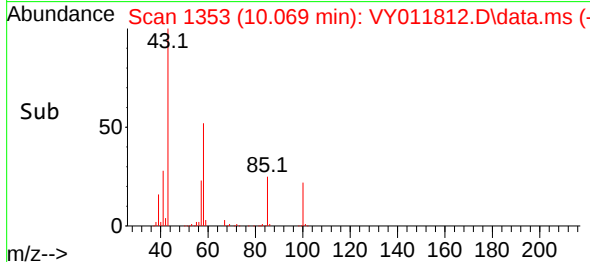
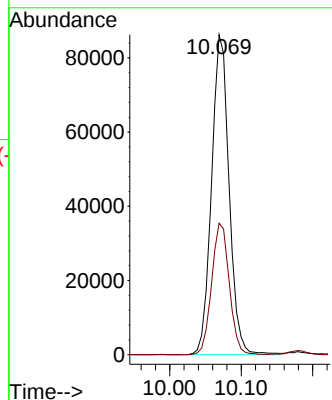
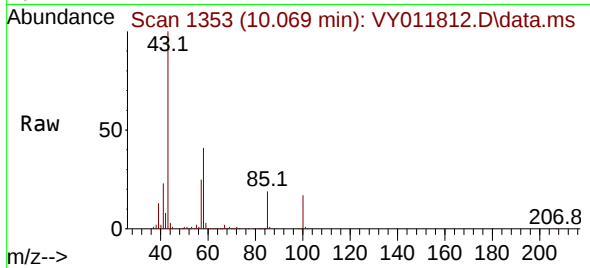
#51
4-Methyl-2-Pentanone
Concen: 94.349 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02

Tgt Ion: 43 Resp: 146702
Ion Ratio Lower Upper
43 100
58 41.4 32.9 49.3

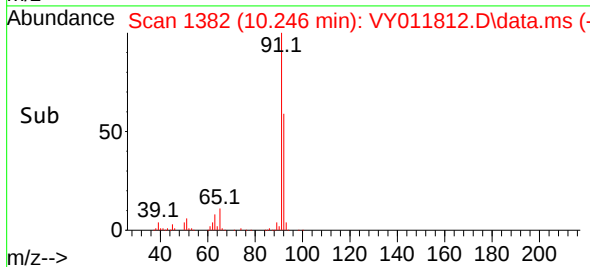
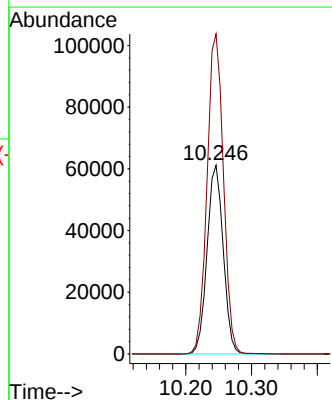
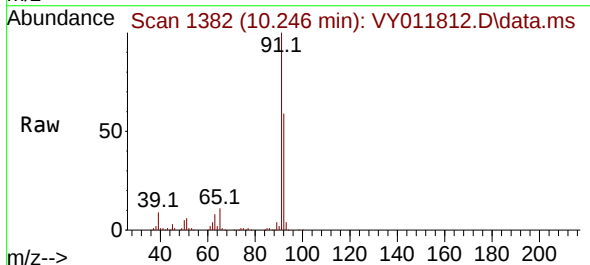
Manual Integrations
APPROVED

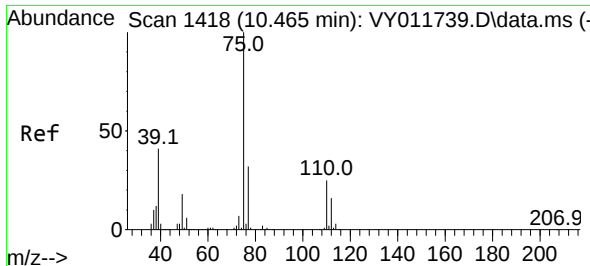
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#52
Toluene
Concen: 20.650 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 92 Resp: 104392
Ion Ratio Lower Upper
92 100
91 171.6 137.4 206.0





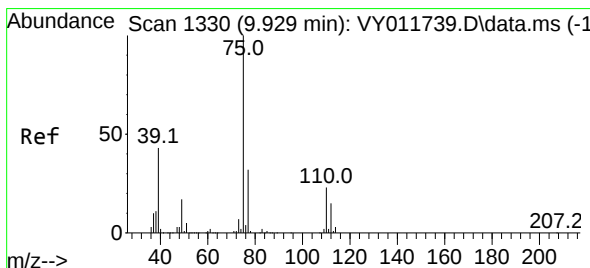
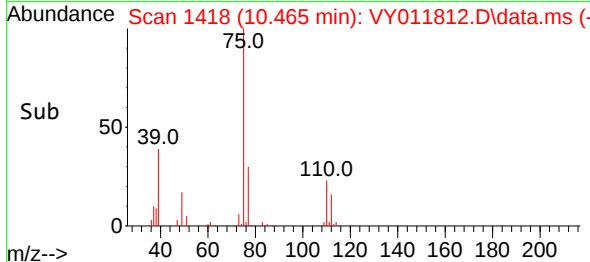
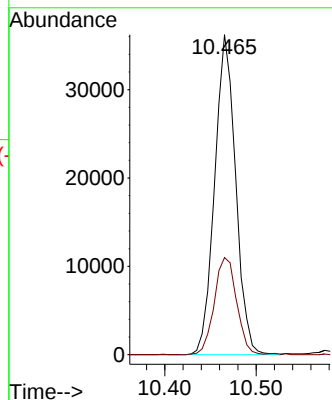
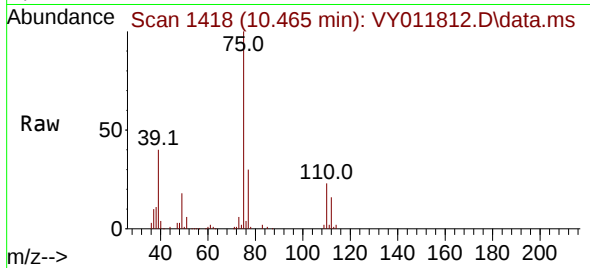
#53
t-1,3-Dichloropropene
Concen: 19.410 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02

Tgt Ion: 75 Resp: 5770
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8

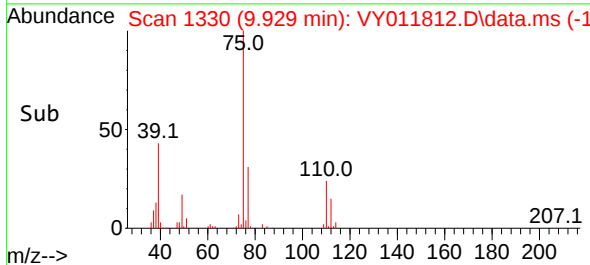
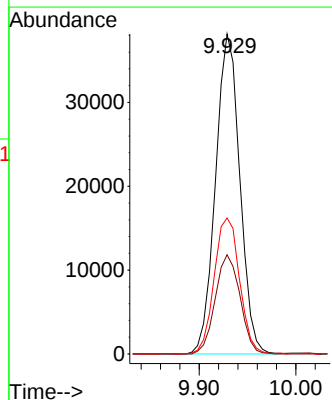
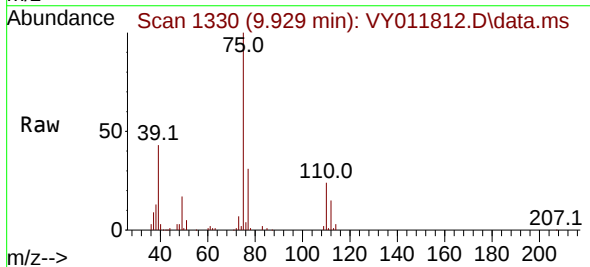
Manual Integrations
APPROVED

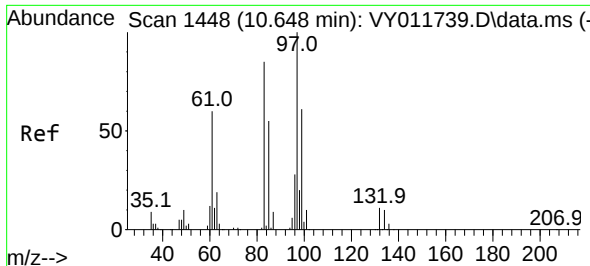
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#54
cis-1,3-Dichloropropene
Concen: 19.899 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

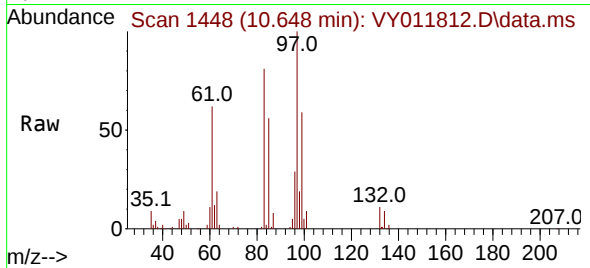
Tgt Ion: 75 Resp: 66468
Ion Ratio Lower Upper
75 100
77 31.0 25.9 38.9
39 42.5 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 20.660 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02

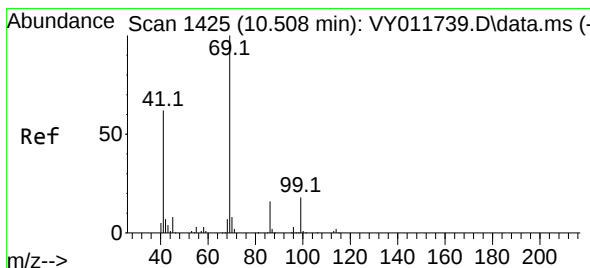
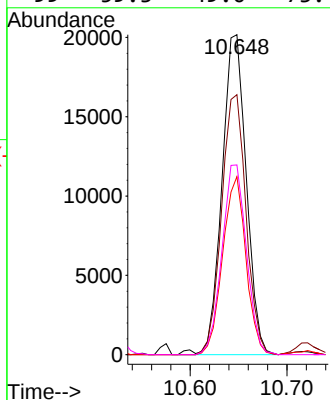
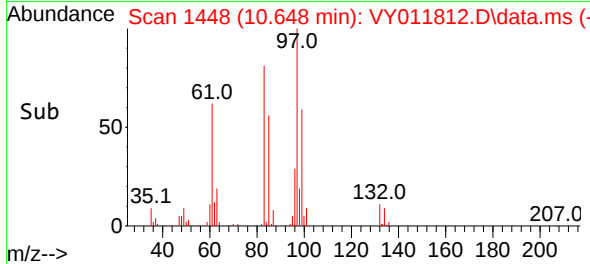


Tgt Ion: 97 Resp: 3518

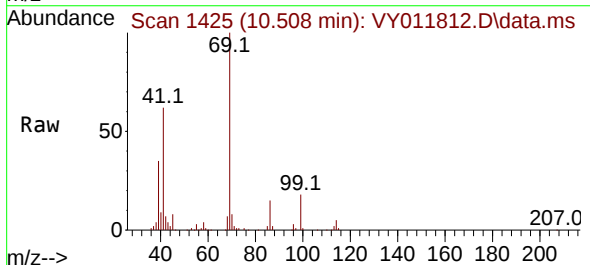
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.7	101.5
85	55.7	43.8	65.8
99	59.3	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

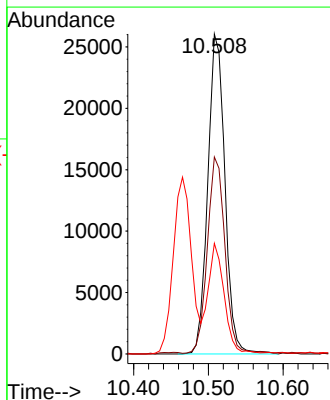
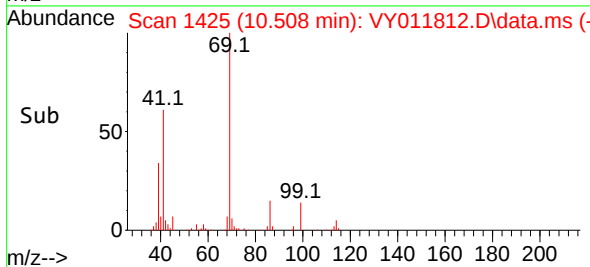


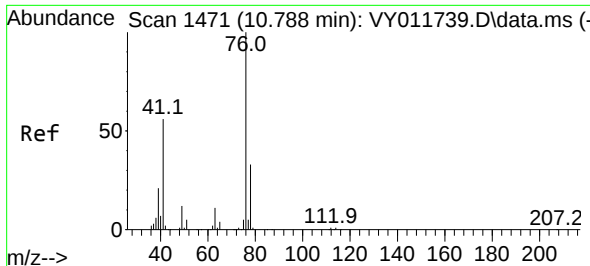
#56
Ethyl methacrylate
Concen: 18.904 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



Tgt Ion: 69 Resp: 41554

Ion	Ratio	Lower	Upper
69	100		
41	62.6	48.9	73.3
39	31.7	25.9	38.9





#57

1,3-Dichloropropane

Concen: 20.073 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

Tgt Ion: 76 Resp: 56970

Ion Ratio Lower Upper

76 100

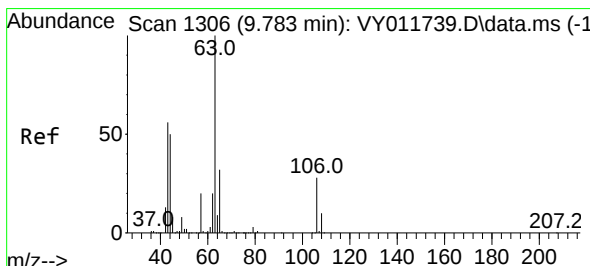
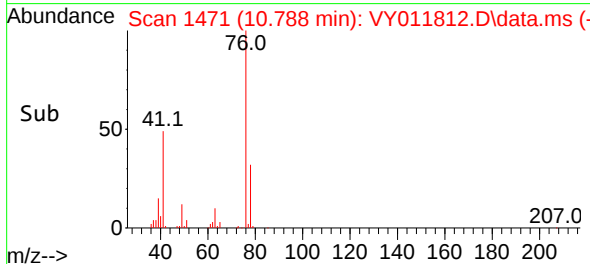
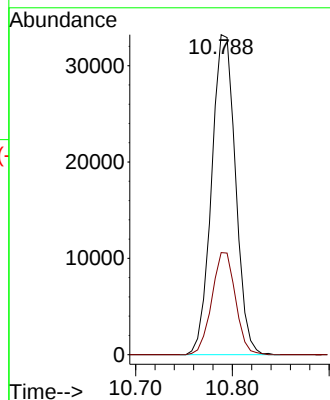
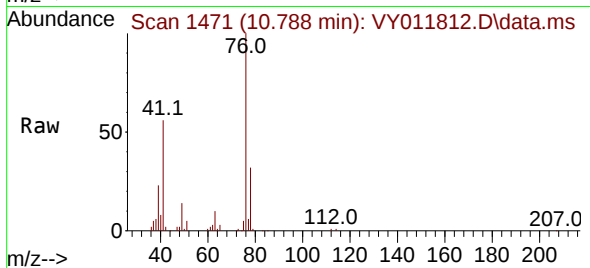
78 31.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 99.919 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011812.D

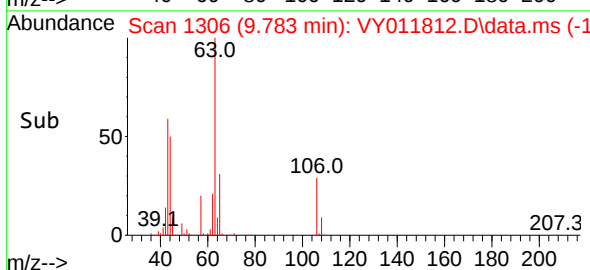
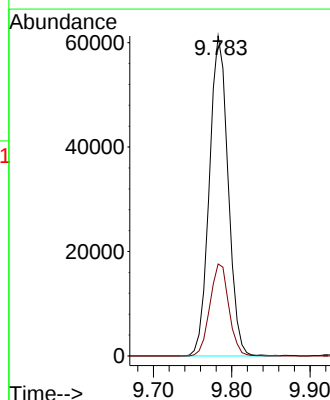
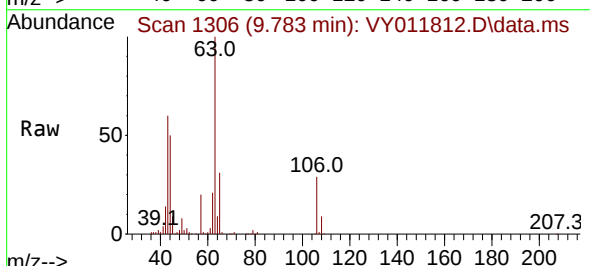
Acq: 13 Dec 2022 23:44

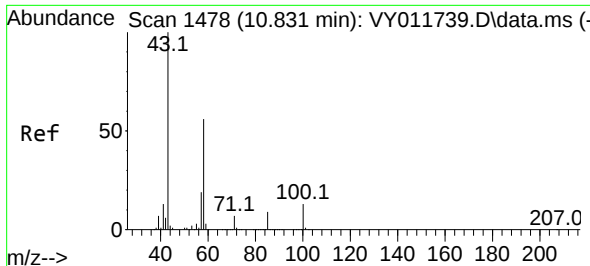
Tgt Ion: 63 Resp: 101847

Ion Ratio Lower Upper

63 100

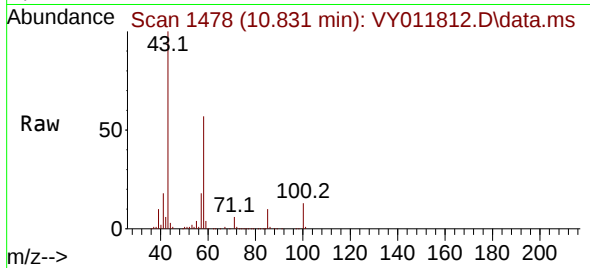
106 28.9 23.2 34.8





#59
2-Hexanone
Concen: 86.941 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

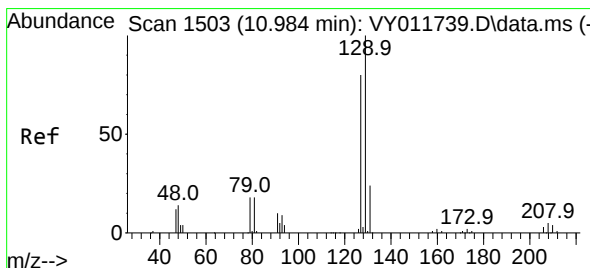
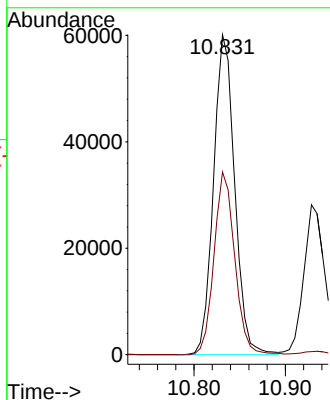
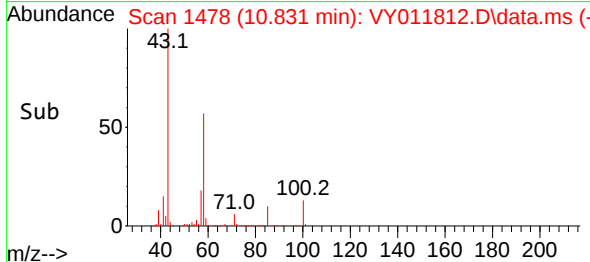
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



Tgt Ion: 43 Resp: 9658
Ion Ratio Lower Upper
43 100
58 56.0 28.4 85.2

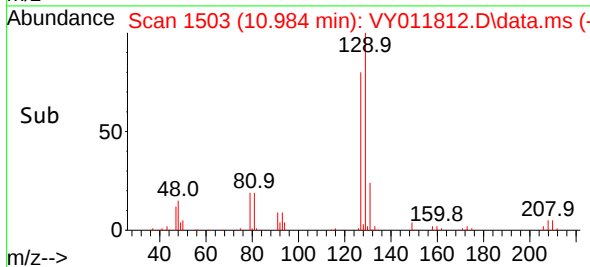
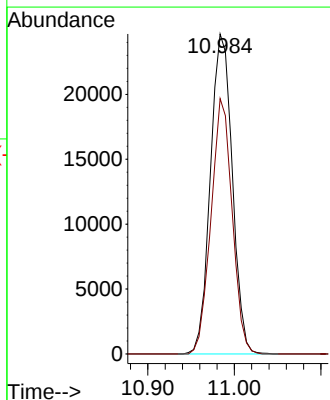
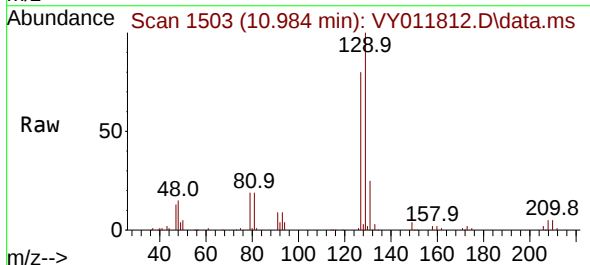
Manual Integrations
APPROVED

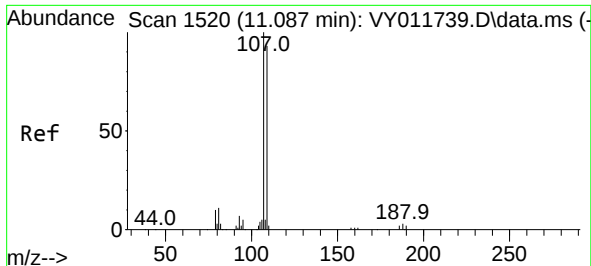
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#60
Dibromochloromethane
Concen: 20.272 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

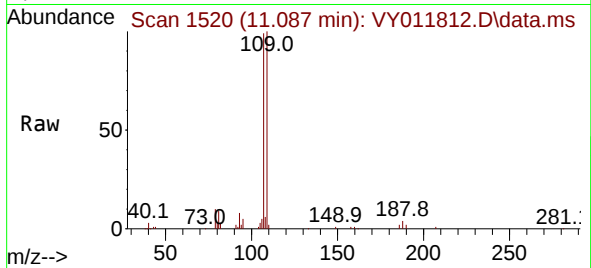
Tgt Ion:129 Resp: 43235
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6





#61
1,2-Dibromoethane
Concen: 19.947 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

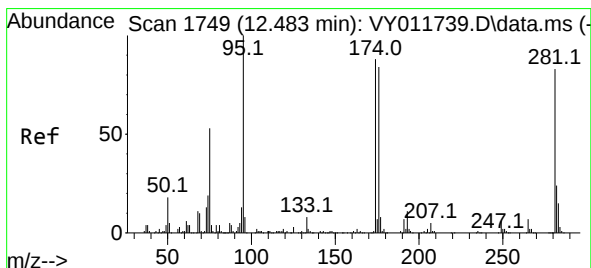
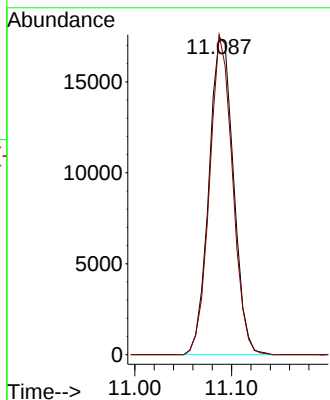
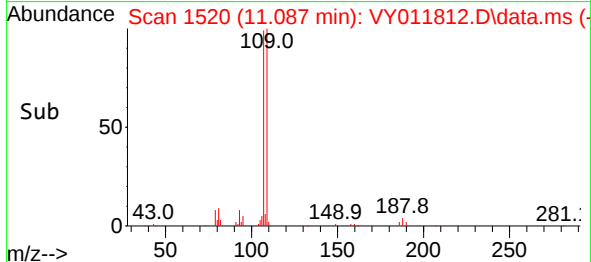
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



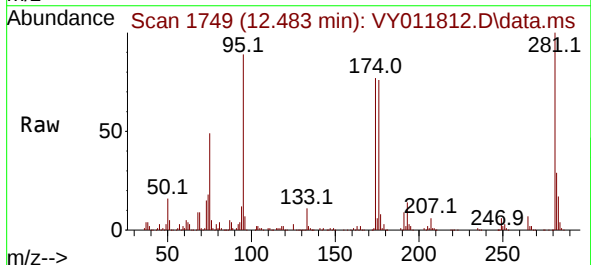
Tgt Ion:107 Resp: 3077
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.6

Manual Integrations
APPROVED

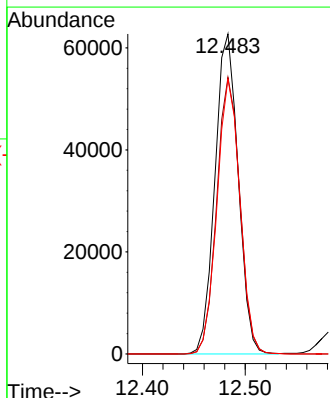
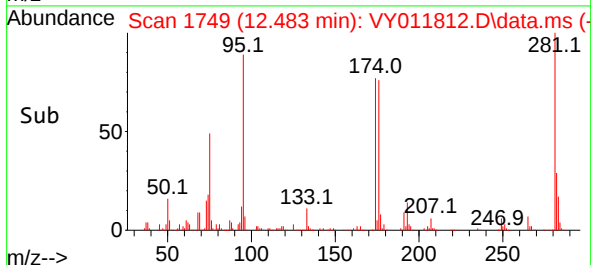
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

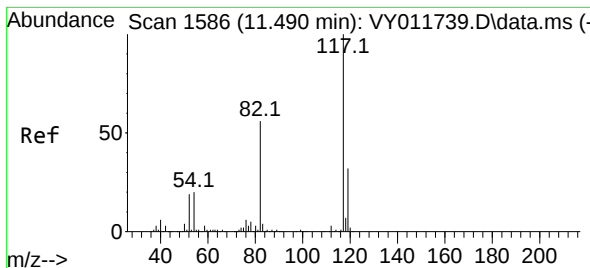


#62
4-Bromofluorobenzene
Concen: 48.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



Tgt Ion: 95 Resp: 98543
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.0
176 84.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 117

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

Tgt Ion:117 Resp: 31619

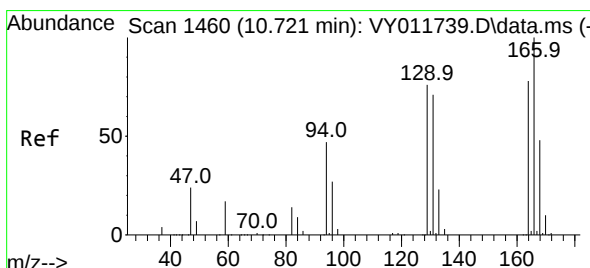
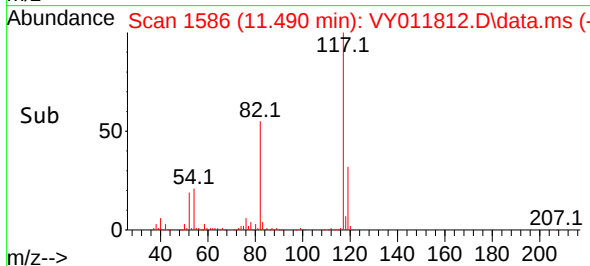
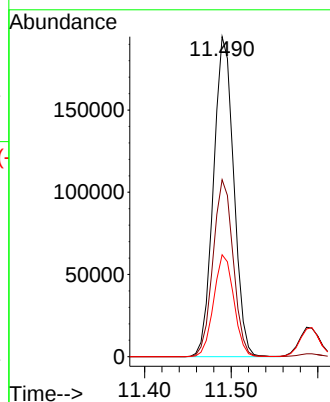
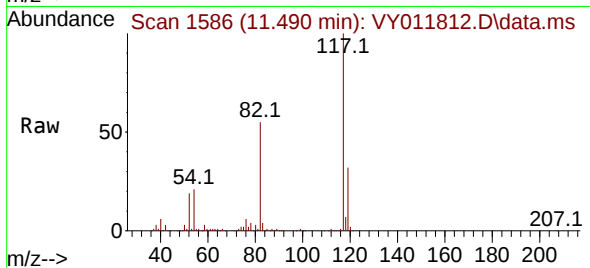
Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.8	67.2
119	31.8	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#64

Tetrachloroethene

Concen: 19.692 ug/l

RT: 10.721 min Scan# 1460

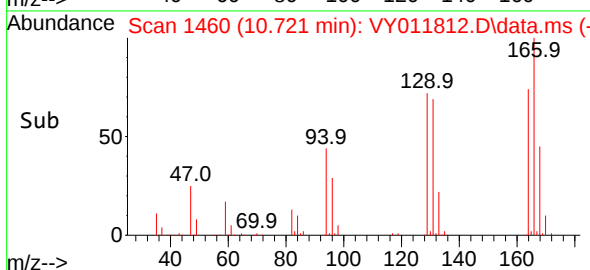
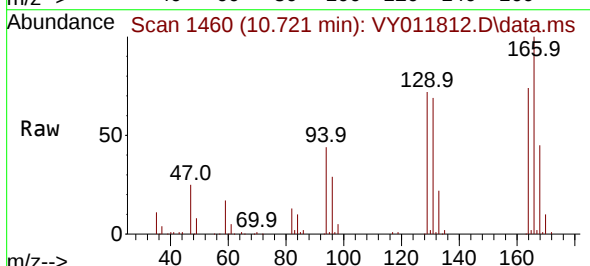
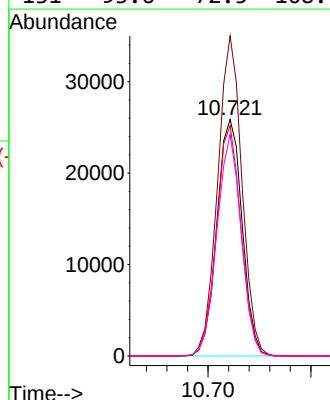
Delta R.T. -0.000 min

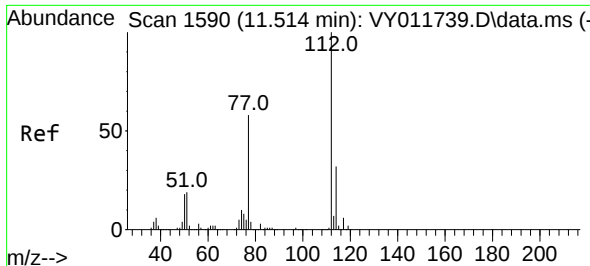
Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Tgt Ion:164 Resp: 44054

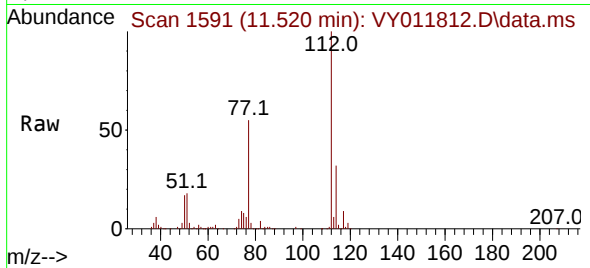
Ion	Ratio	Lower	Upper
164	100		
166	135.2	102.3	153.5
129	97.3	77.2	115.8
131	93.6	72.5	108.7





#65
Chlorobenzene
Concen: 19.894 ug/l
RT: 11.520 min Scan# 11520
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

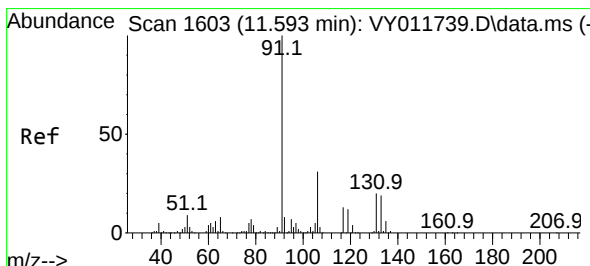
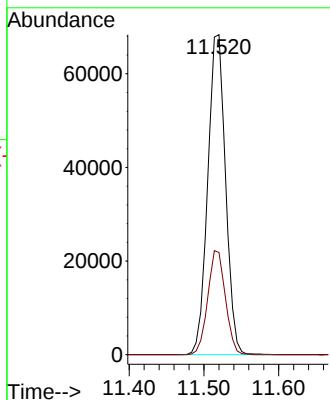
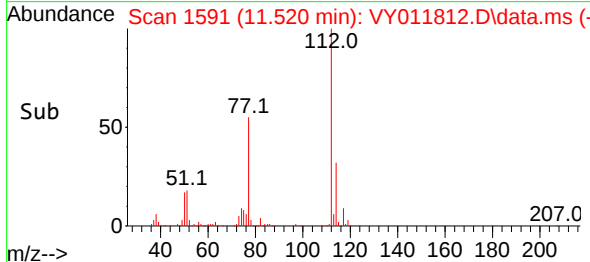
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



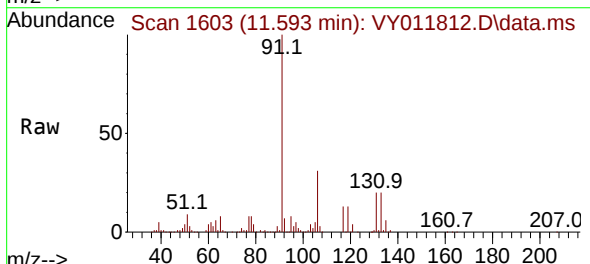
Tgt Ion:112 Resp: 11334
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9

Manual Integrations
APPROVED

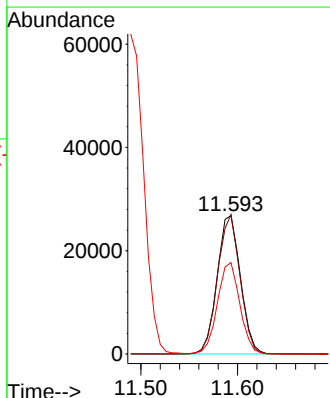
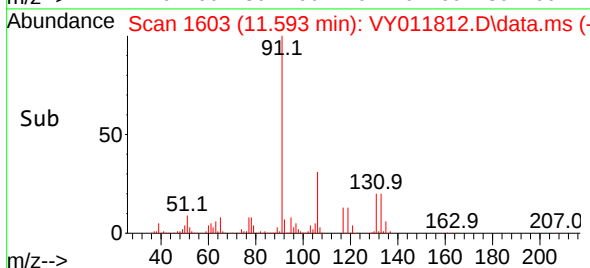
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

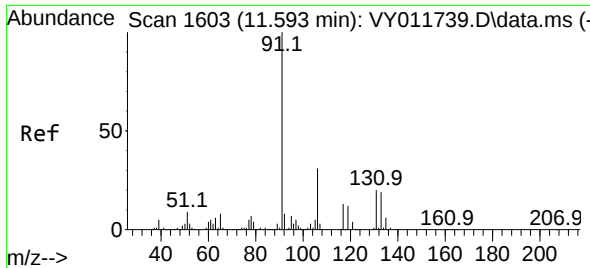


#66
1,1,1,2-Tetrachloroethane
Concen: 20.233 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



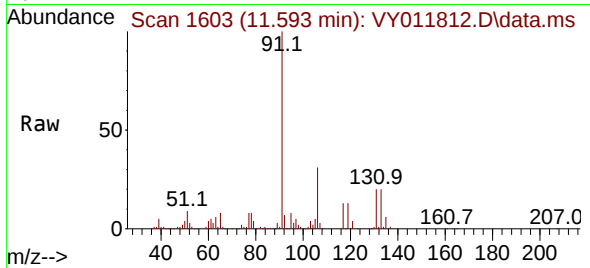
Tgt Ion:131 Resp: 44719
Ion Ratio Lower Upper
131 100
133 97.1 47.3 142.0
119 63.7 32.1 96.3





#67
Ethyl Benzene
Concen: 20.058 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

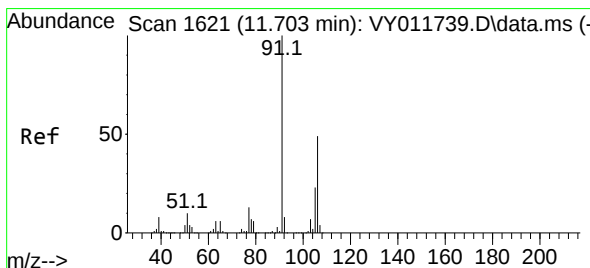
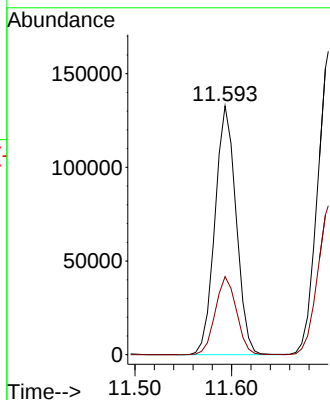
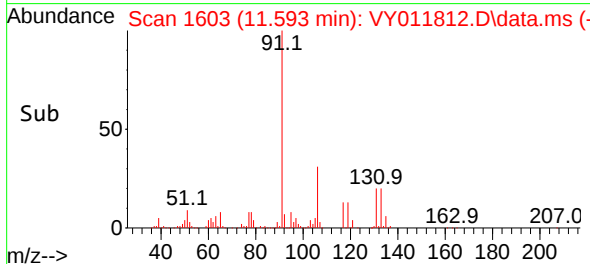
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



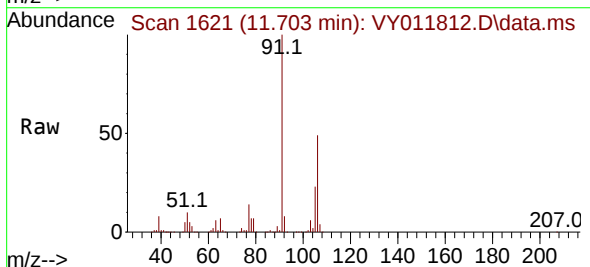
Tgt Ion: 91 Resp: 20135
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4

Manual Integrations
APPROVED

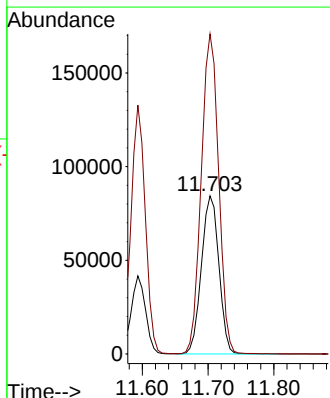
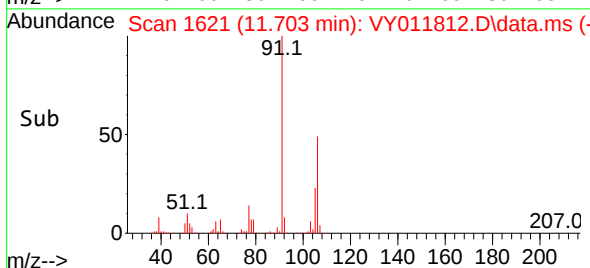
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

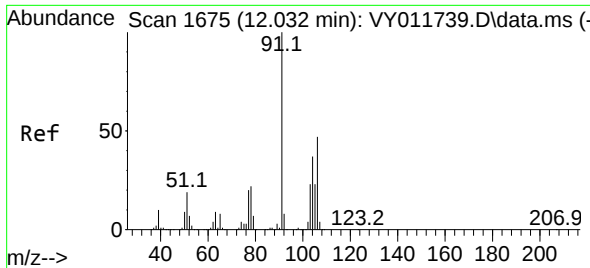


#68
m/p-Xylenes
Concen: 40.483 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



Tgt Ion:106 Resp: 155637
Ion Ratio Lower Upper
106 100
91 201.4 162.5 243.7





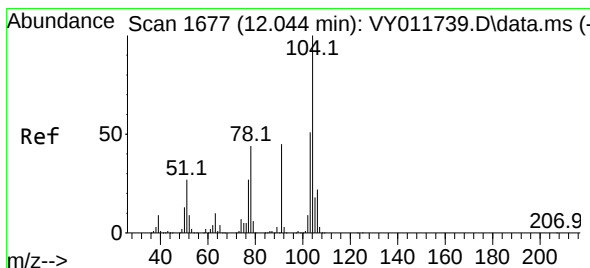
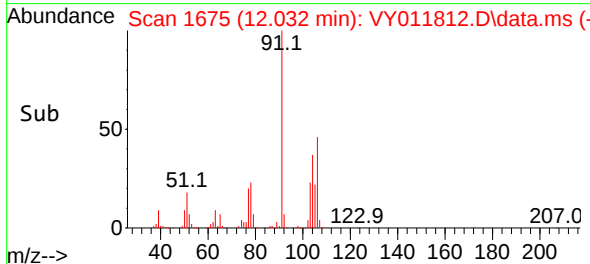
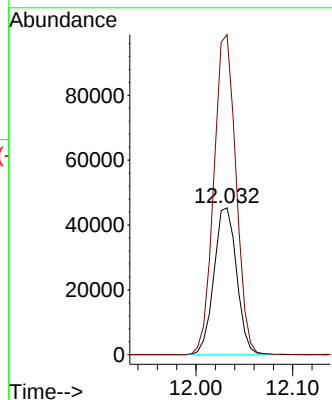
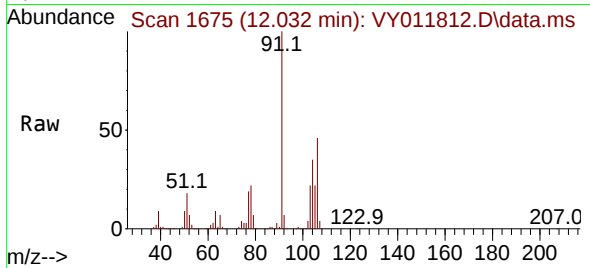
#69
o-Xylene
Concen: 20.133 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02

Tgt Ion:106 Resp: 73778
Ion Ratio Lower Upper
106 100
91 213.5 107.5 322.4

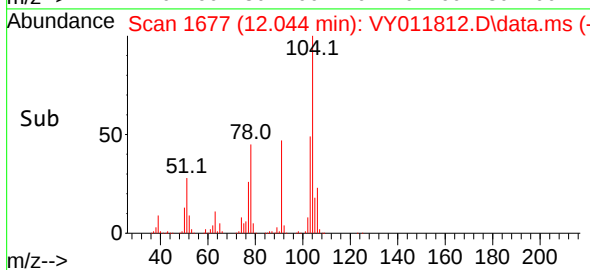
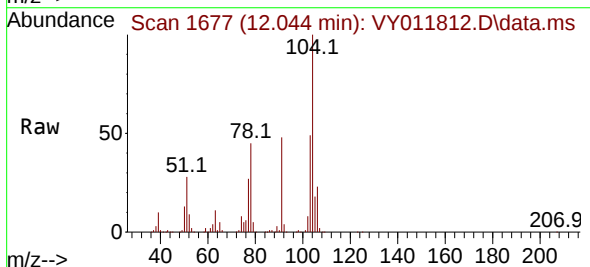
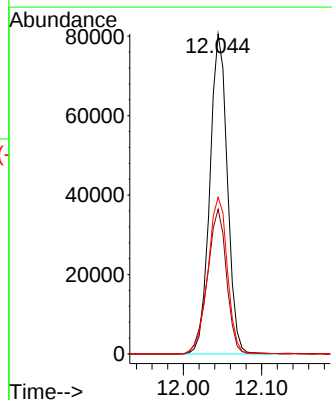
Manual Integrations
APPROVED

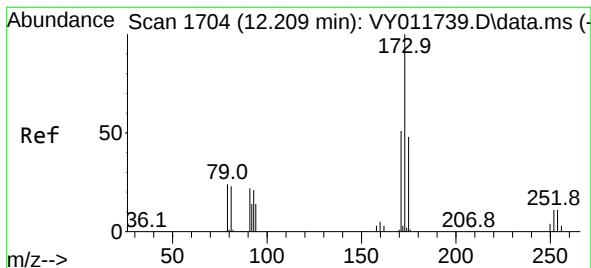
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#70
Styrene
Concen: 20.036 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion:104 Resp: 125310
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.0
103 54.3 43.0 64.4





#71

Bromoform

Concen: 19.763 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

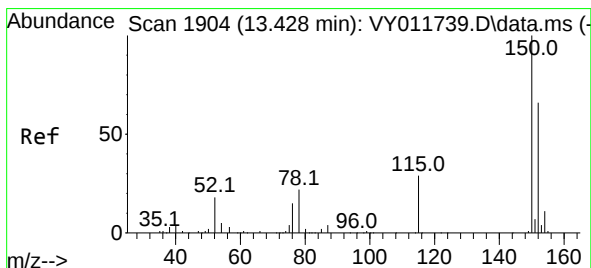
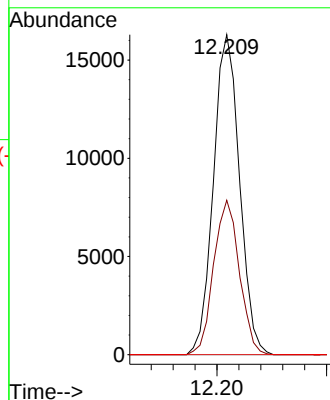
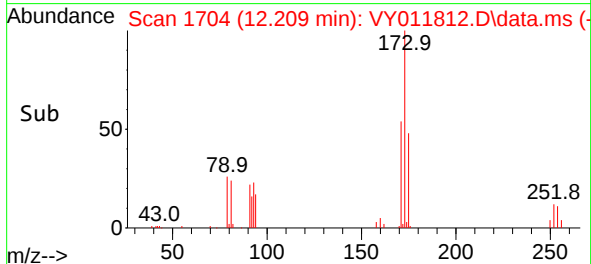
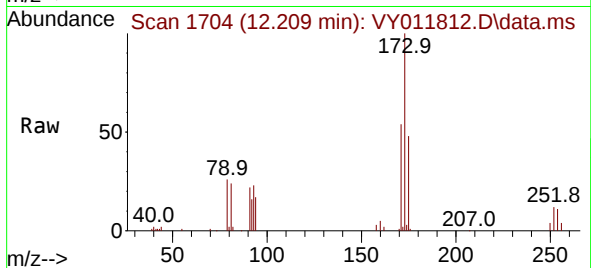
Tgt Ion:173 Resp: 26943
 Ion Ratio Lower Upper
 173 100
 175 47.6 23.8 71.5
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

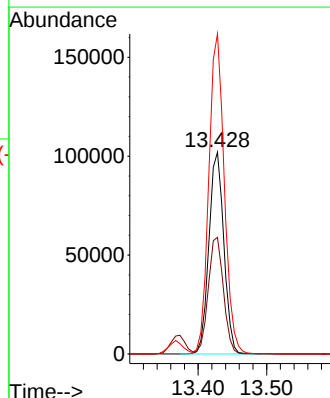
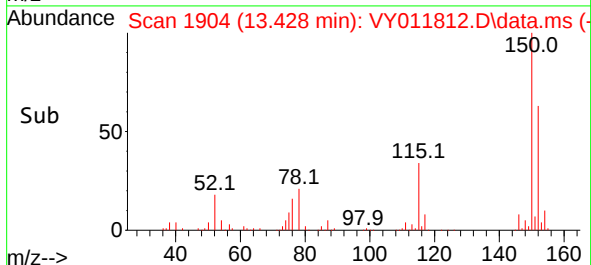
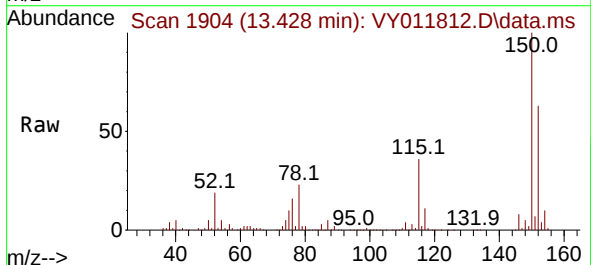
RT: 13.428 min Scan# 1904

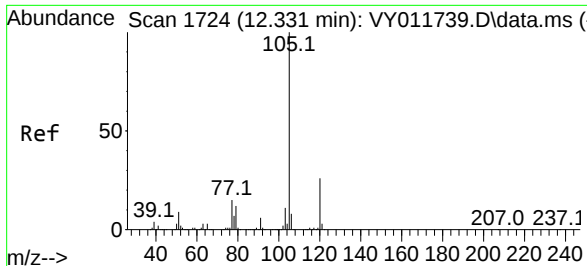
Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

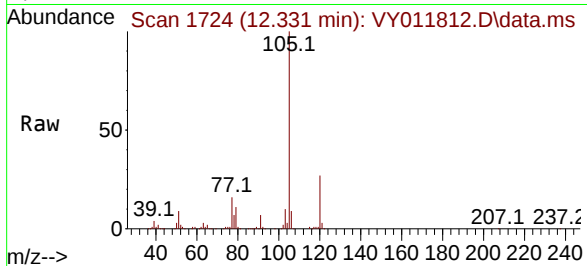
Tgt Ion:152 Resp: 154893
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.1 87.3
 150 164.0 0.0 342.6





#73
Isopropylbenzene
Concen: 20.210 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

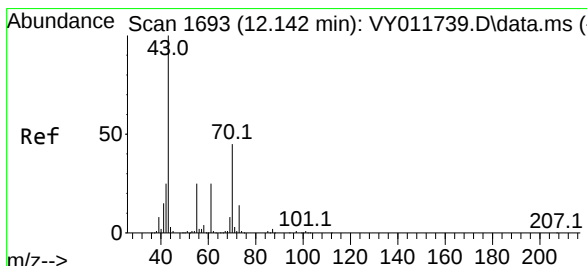
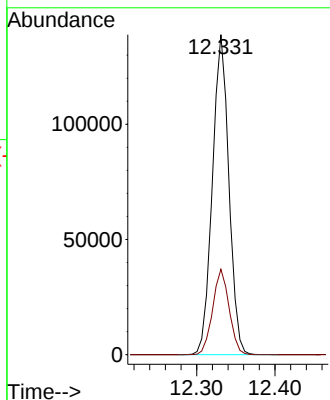
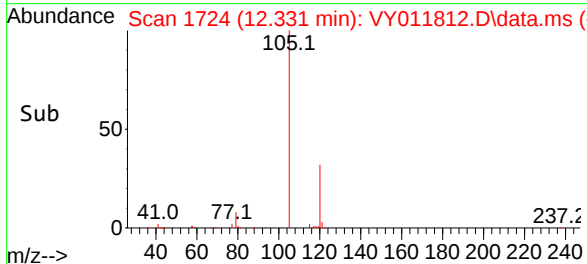
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



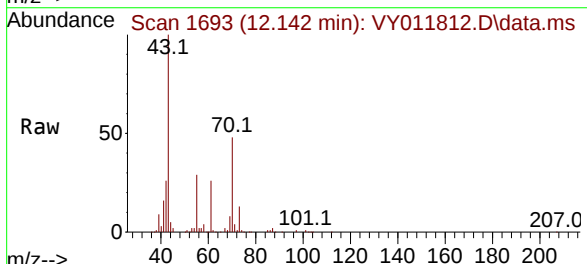
Tgt Ion: 105 Resp: 202820
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6

Manual Integrations
APPROVED

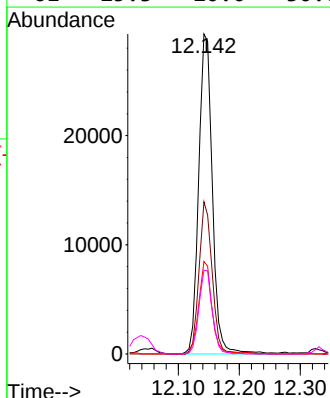
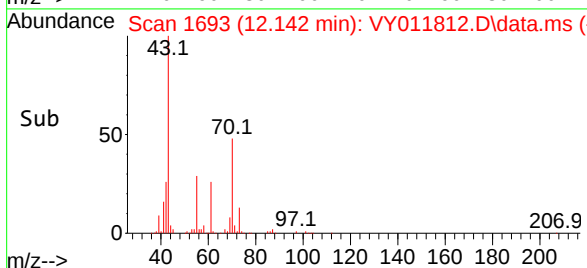
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

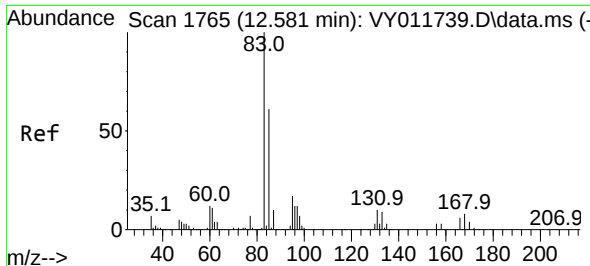


#74
N-ethyl acetate
Concen: 18.950 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



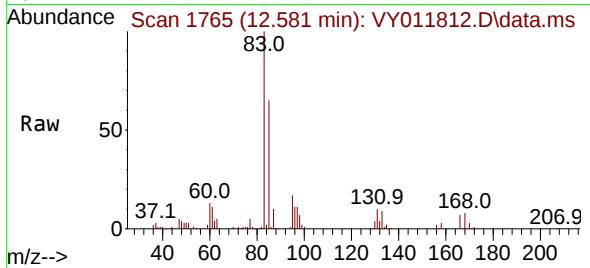
Tgt Ion: 43 Resp: 45723
Ion Ratio Lower Upper
43 100
70 45.4 35.8 53.8
55 27.7 21.0 31.4
61 25.3 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.928 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

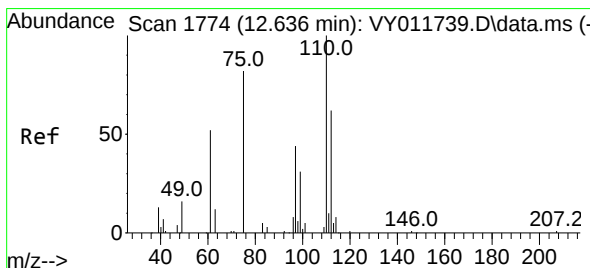
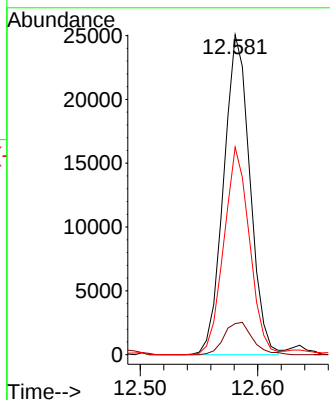
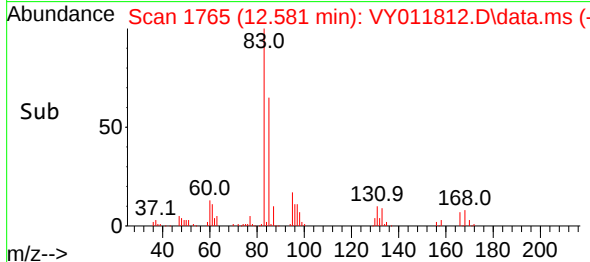
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02



Tgt Ion: 83 Resp: 3894
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 63.6 32.3 96.8

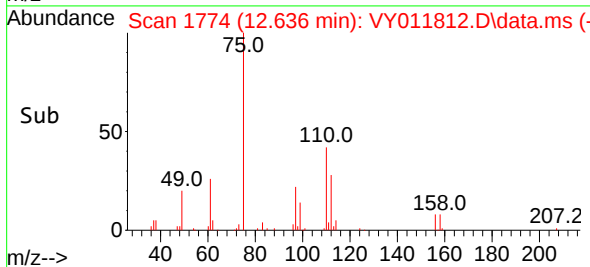
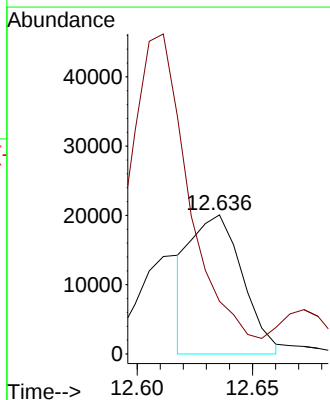
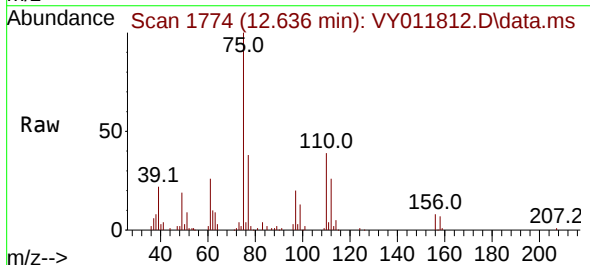
Manual Integrations
APPROVED

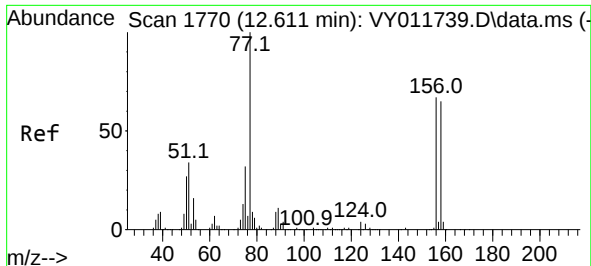
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#76
1,2,3-Trichloropropane
Concen: 19.866 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 75 Resp: 31133
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





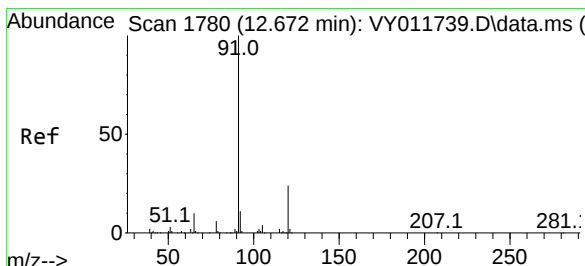
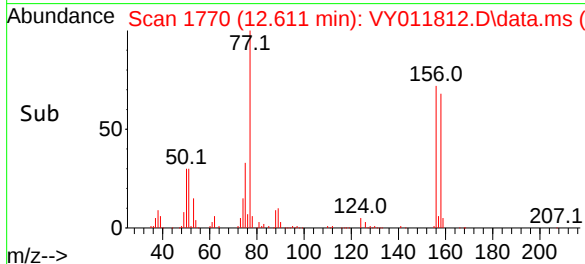
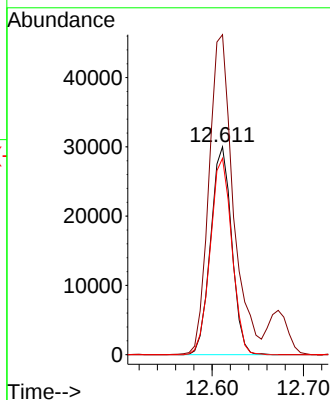
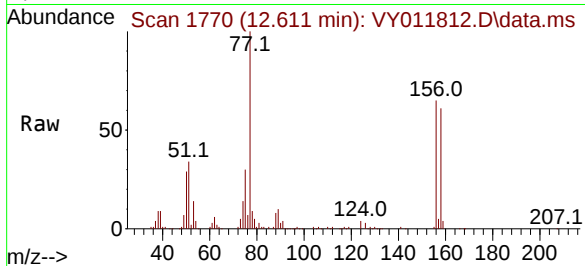
#77
Bromobenzene
Concen: 20.436 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02

Tgt Ion:156 Resp: 47884
Ion Ratio Lower Upper
156 100
77 177.9 90.0 270.0
158 97.0 48.4 145.2

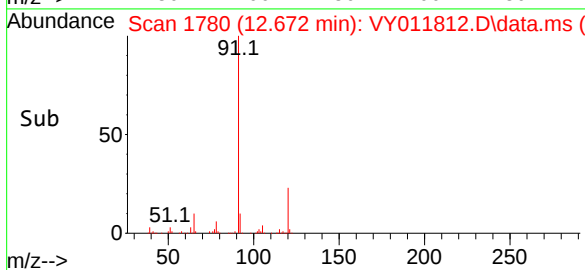
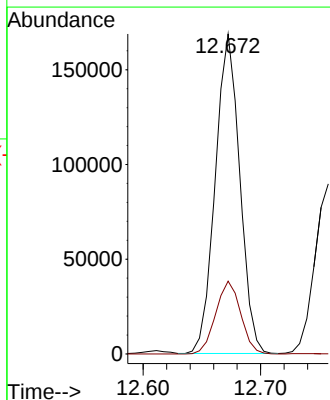
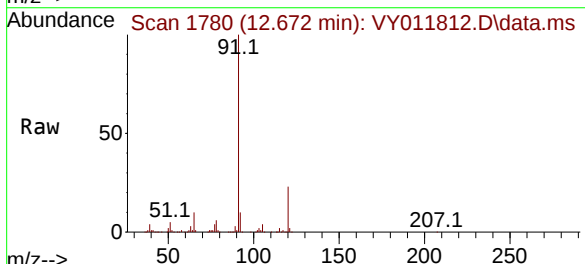
Manual Integrations
APPROVED

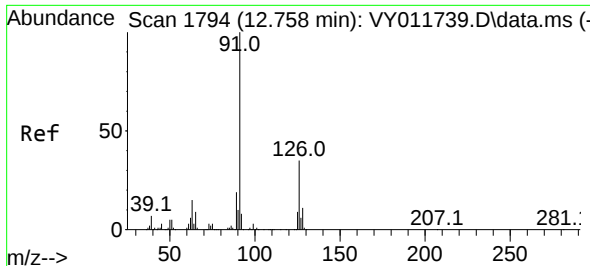
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#78
n-propylbenzene
Concen: 20.330 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion: 91 Resp: 244500
Ion Ratio Lower Upper
91 100
120 23.2 11.8 35.4





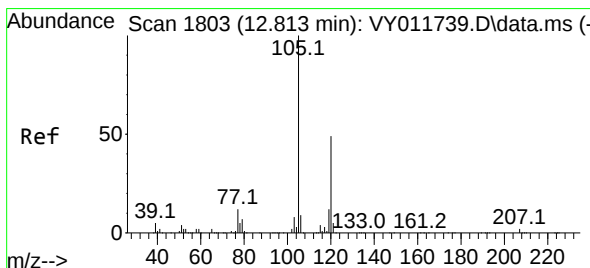
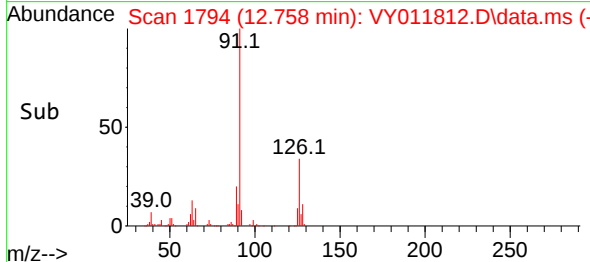
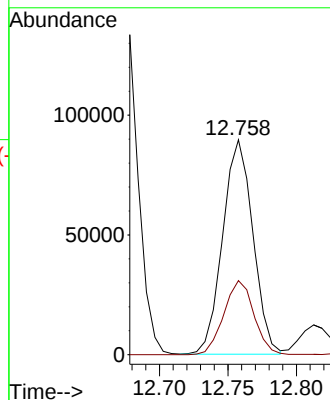
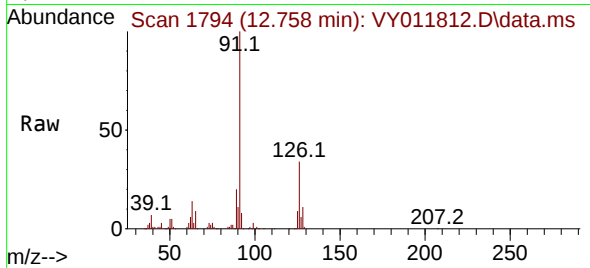
#79
2-Chlorotoluene
Concen: 20.061 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02

Tgt Ion: 91 Resp: 13769
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5

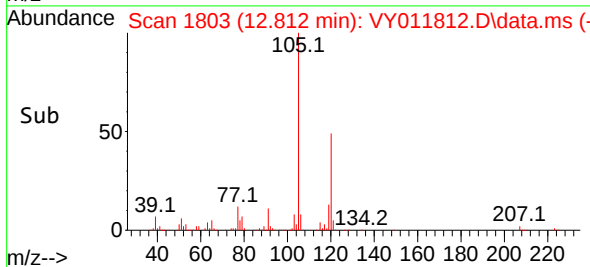
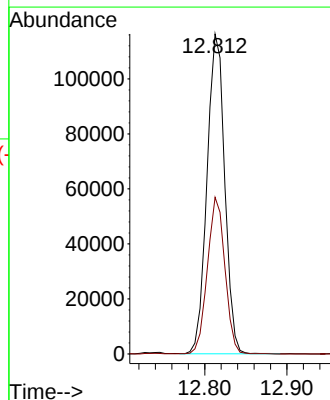
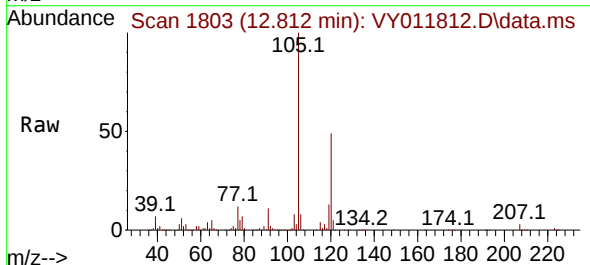
Manual Integrations
APPROVED

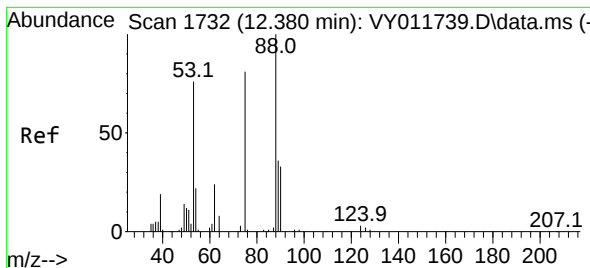
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.490 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

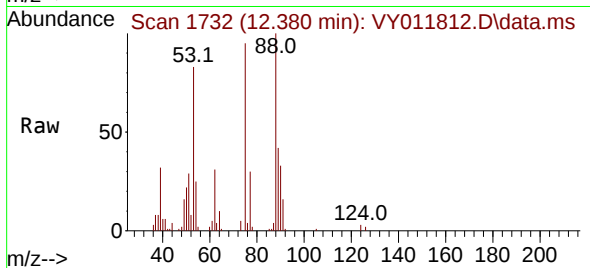
Tgt Ion:105 Resp: 173804
Ion Ratio Lower Upper
105 100
120 48.5 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.283 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

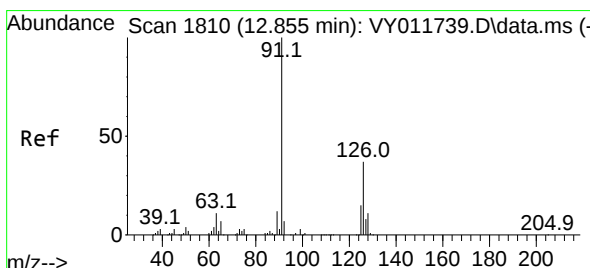
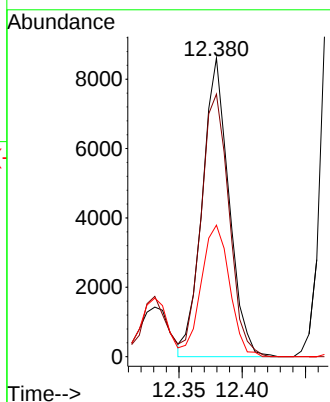
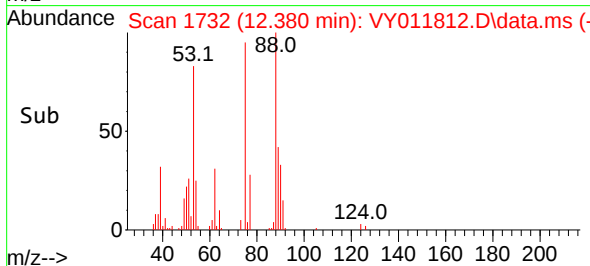
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



Tgt Ion: 75 Resp: 12620
Ion Ratio Lower Upper
75 100
53 92.2 72.5 108.7
89 46.9 37.0 55.4

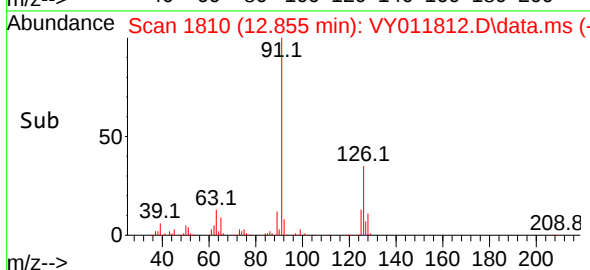
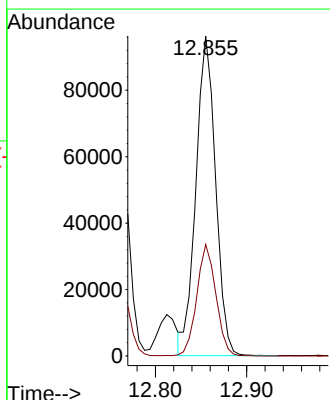
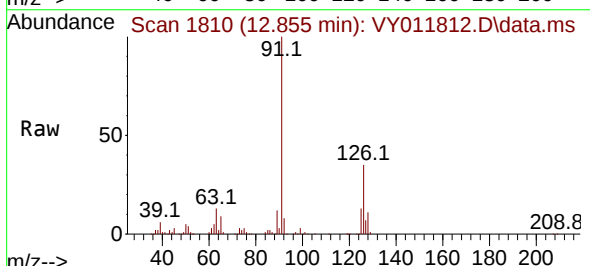
Manual Integrations
APPROVED

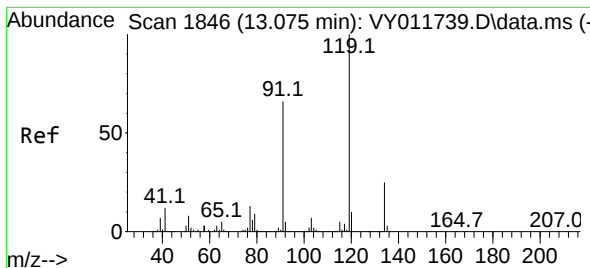
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#82
4-Chlorotoluene
Concen: 20.217 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

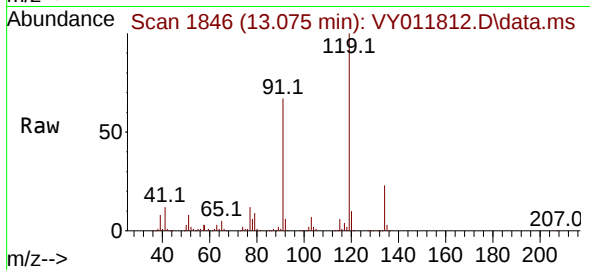
Tgt Ion: 91 Resp: 143928
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83
tert-Butylbenzene
Concen: 20.178 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

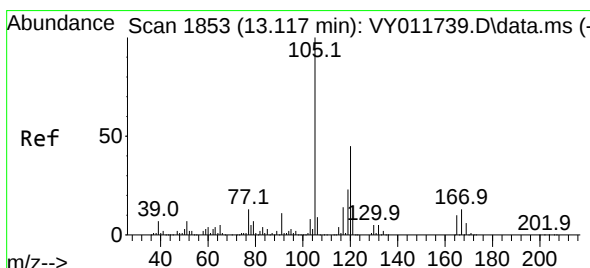
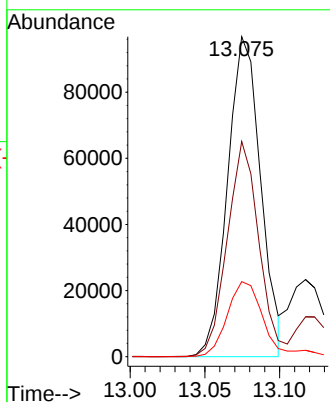
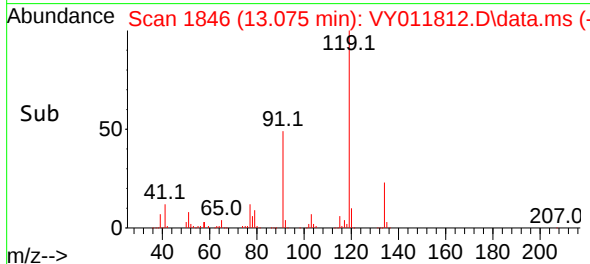
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02



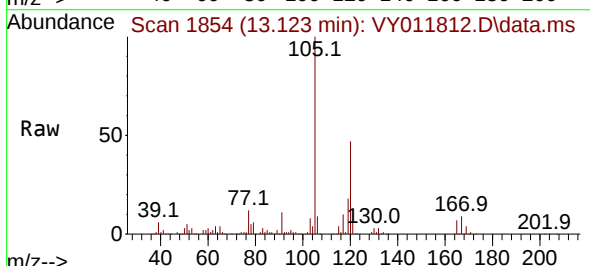
Tgt Ion:119 Resp: 149039
Ion Ratio Lower Upper
119 100
91 64.7 32.3 96.8
134 26.0 13.0 39.0

Manual Integrations
APPROVED

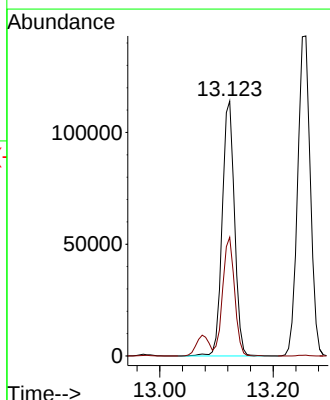
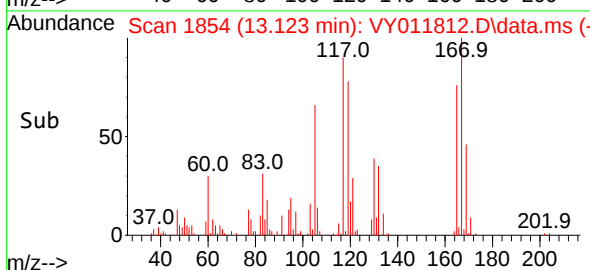
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

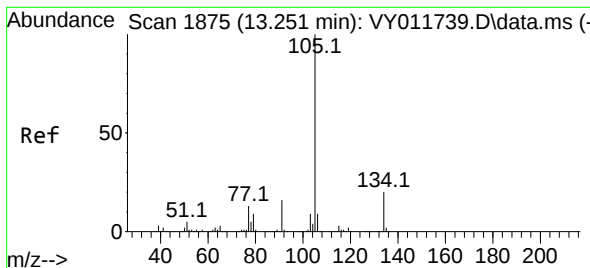


#84
1,2,4-Trimethylbenzene
Concen: 20.565 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



Tgt Ion:105 Resp: 171757
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.160 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

Tgt Ion:105 Resp: 22175

Ion Ratio Lower Upper

105 100

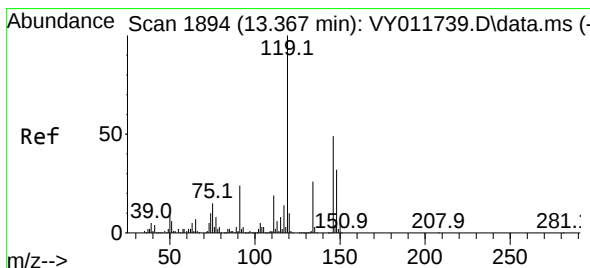
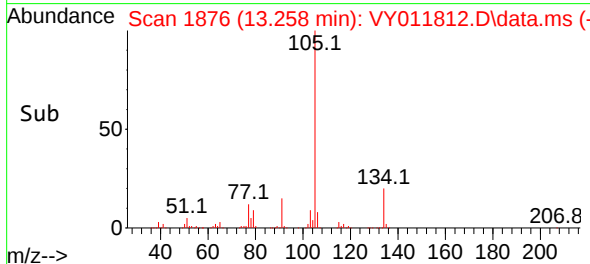
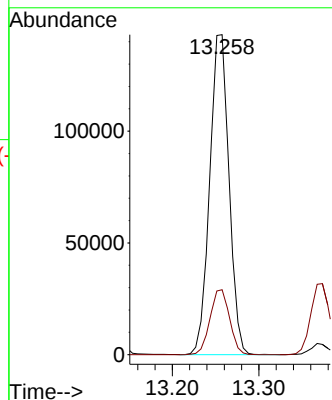
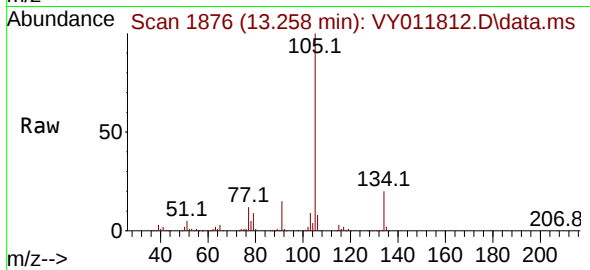
134 20.5 10.1 30.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#86

p-Isopropyltoluene

Concen: 20.288 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

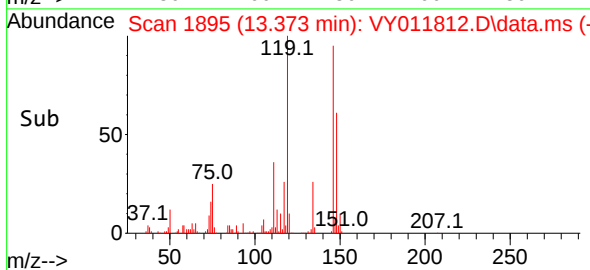
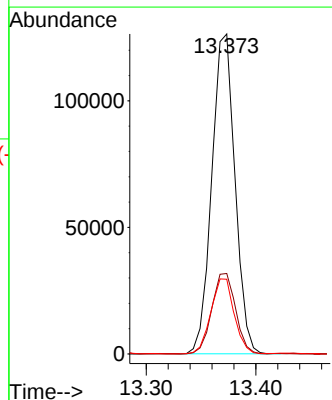
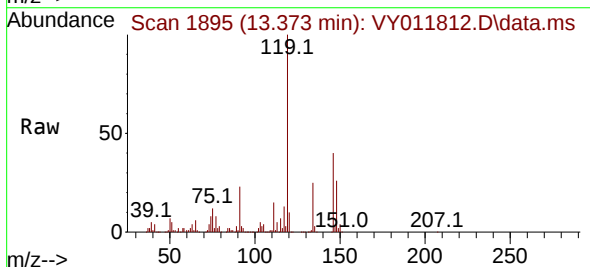
Tgt Ion:119 Resp: 185739

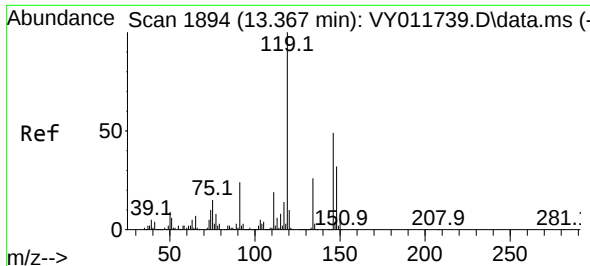
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 23.6 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 20.414 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011812.D

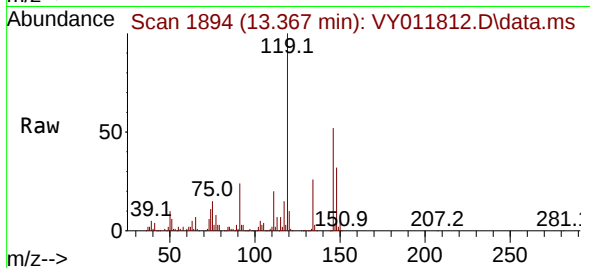
Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBSD02



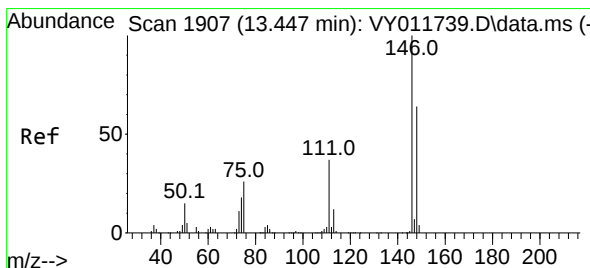
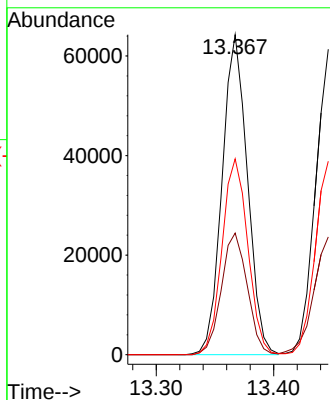
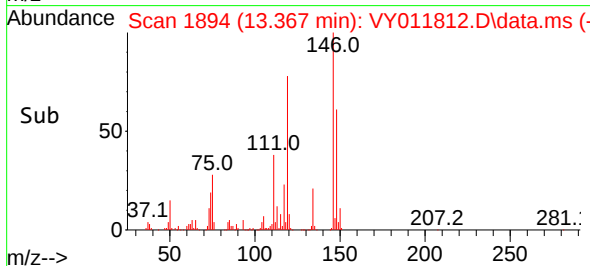
Tgt Ion:146	Resp:	9625
Ion Ratio	Lower	Upper
146	100	
111	38.9	19.7 59.0
148	62.4	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#88

1,4-Dichlorobenzene

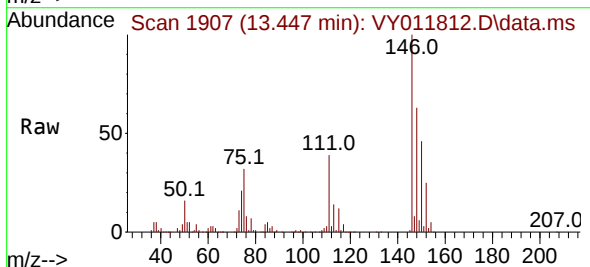
Concen: 19.869 ug/l

RT: 13.447 min Scan# 1907

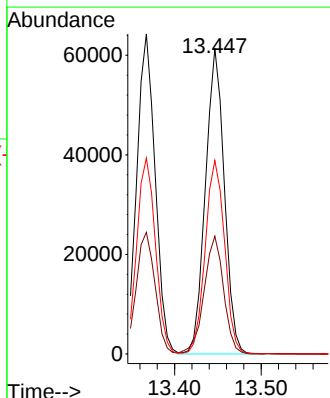
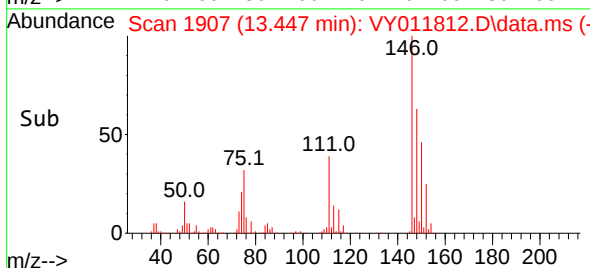
Delta R.T. -0.000 min

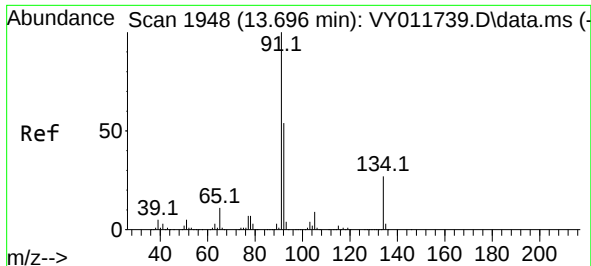
Lab File: VY011812.D

Acq: 13 Dec 2022 23:44



Tgt Ion:146	Resp:	93117
Ion Ratio	Lower	Upper
146	100	
111	39.9	19.6 58.7
148	65.0	31.9 95.7





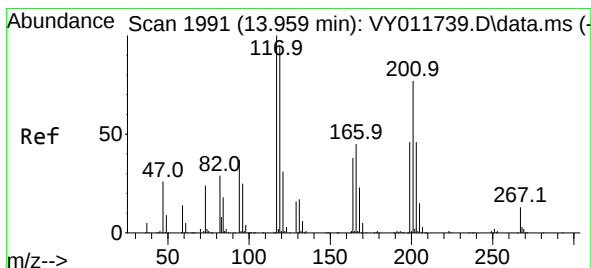
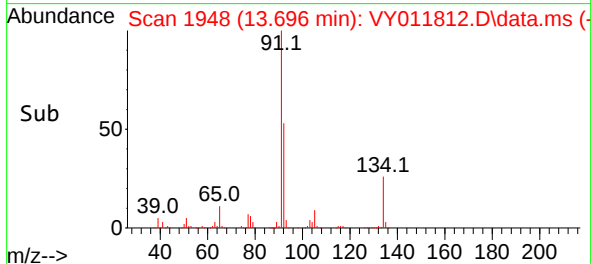
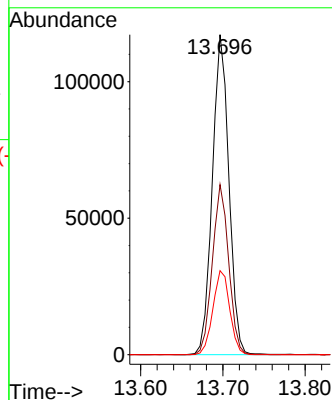
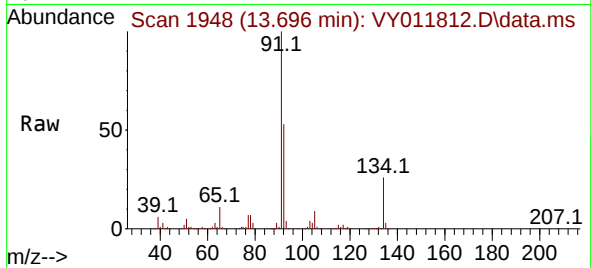
#89
n-Butylbenzene
Concen: 19.690 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02

Tgt Ion: 91 Resp: 163872
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.4
134 26.7 13.3 39.8

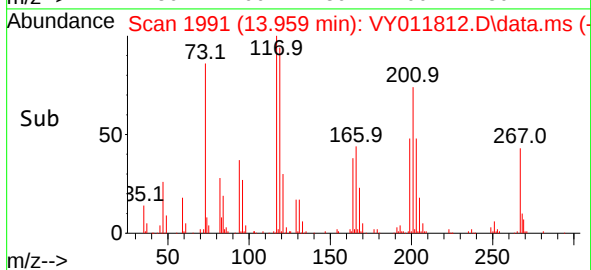
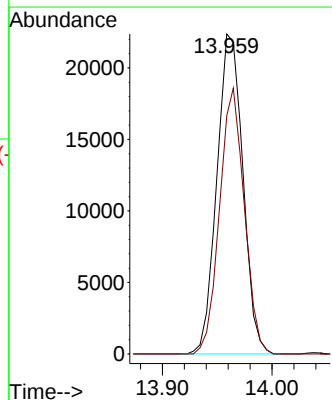
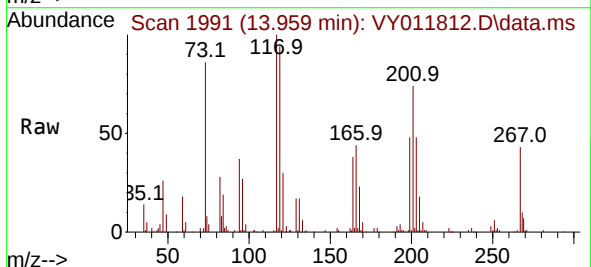
Manual Integrations
APPROVED

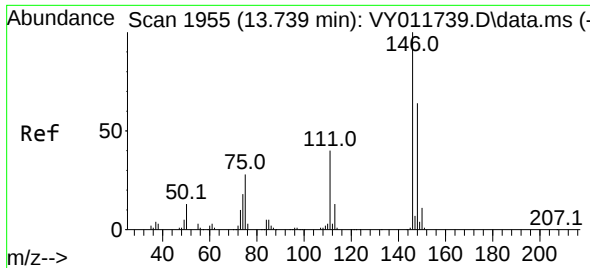
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#90
Hexachloroethane
Concen: 20.266 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Tgt Ion:117 Resp: 36869
Ion Ratio Lower Upper
117 100
201 78.9 40.3 120.8





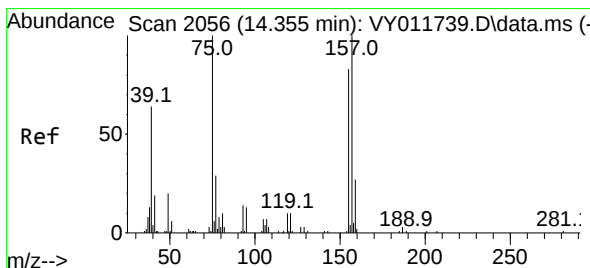
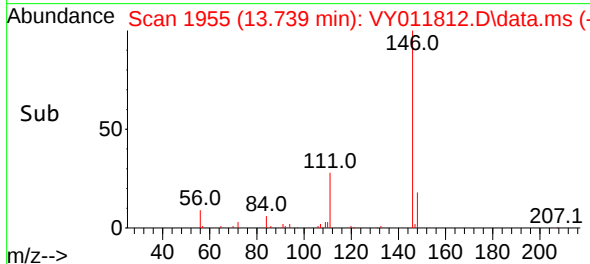
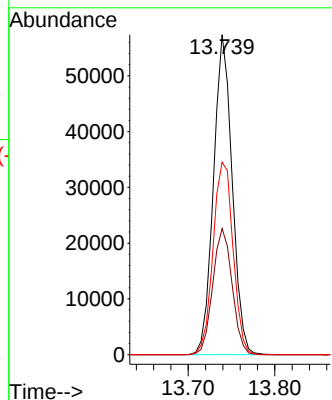
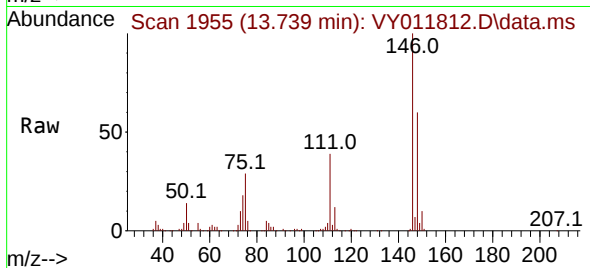
#91
1,2-Dichlorobenzene
Concen: 20.245 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBSD02

Tgt Ion:146 Resp: 8590
Ion Ratio Lower Upper
146 100
111 40.8 20.3 60.8
148 64.4 31.8 95.4

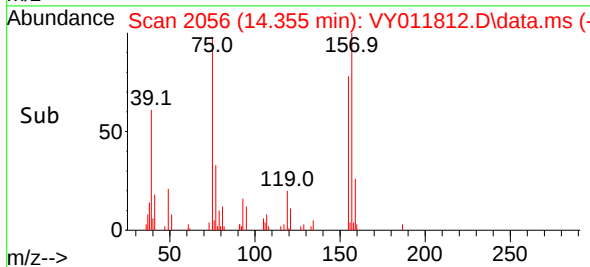
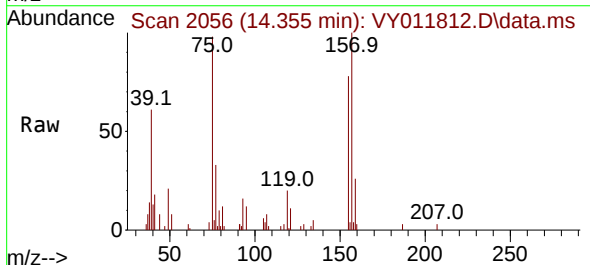
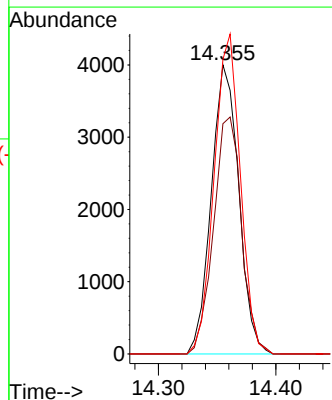
Manual Integrations
APPROVED

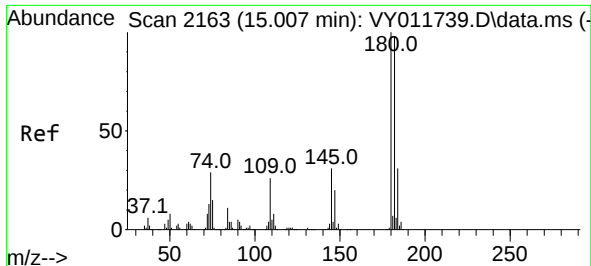
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.085 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

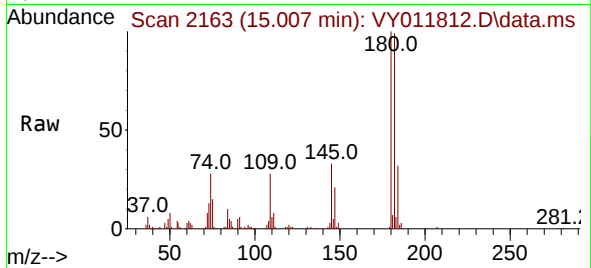
Tgt Ion: 75 Resp: 6503
Ion Ratio Lower Upper
75 100
155 83.7 42.3 126.8
157 105.8 54.4 163.3





#93
1,2,4-Trichlorobenzene
Concen: 19.376 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44

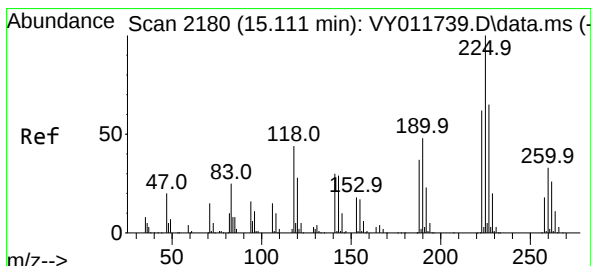
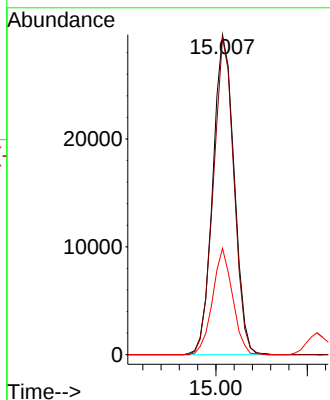
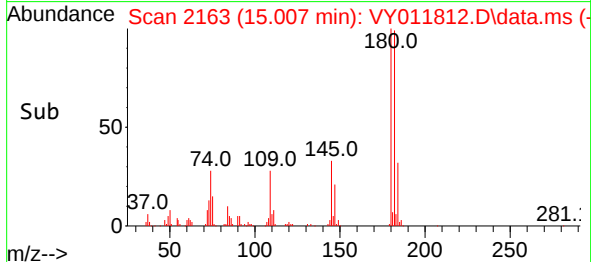
Instrument :
MSVOA_Y
ClientSampleId :
VY1213SBS02



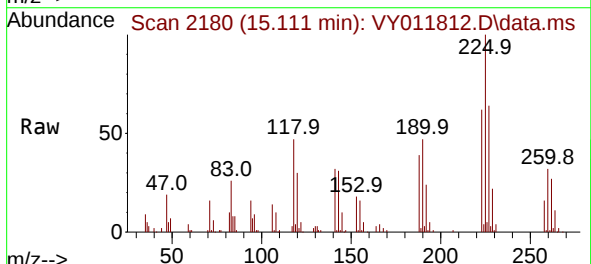
Tgt Ion:180 Resp: 47954
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.3
145 31.3 15.4 46.4

Manual Integrations
APPROVED

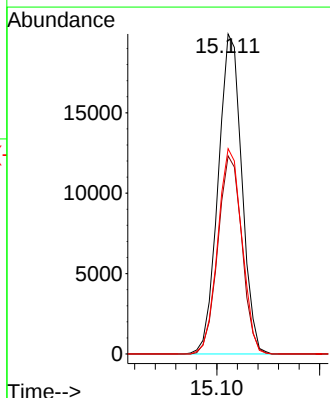
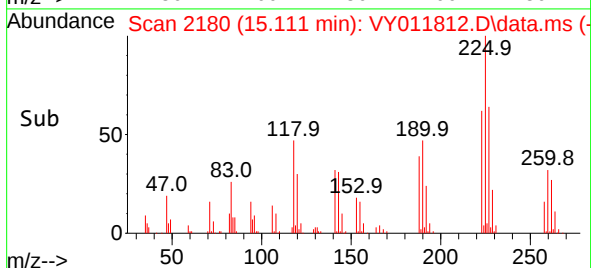
Reviewed By :Krupa Patel 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

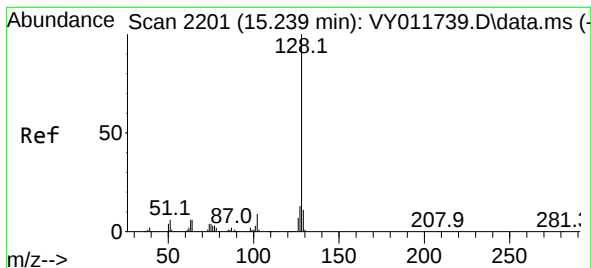


#94
Hexachlorobutadiene
Concen: 20.194 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY011812.D
Acq: 13 Dec 2022 23:44



Tgt Ion:225 Resp: 31755
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.2
227 65.4 32.6 97.8





#95

Naphthalene

Concen: 18.888 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Instrument :

MSVOA_Y

ClientSampleId :

VY1213SBS02

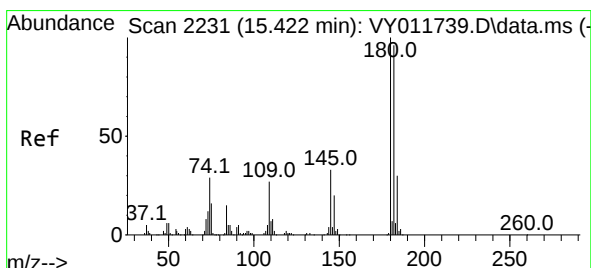
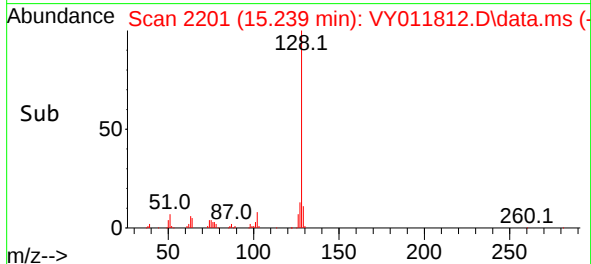
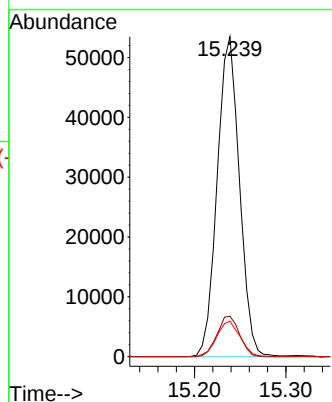
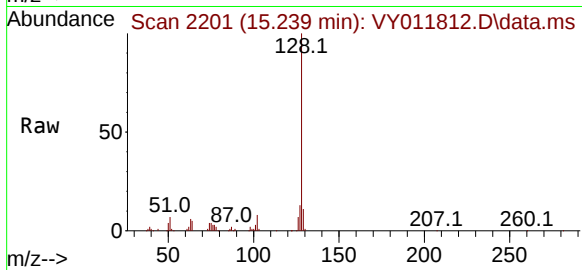
Tgt Ion:	128	Resp:	9053
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.2
129	11.3	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.715 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY011812.D

Acq: 13 Dec 2022 23:44

Tgt Ion:	180	Resp:	42146
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.9	143.7
145	33.4	16.1	48.2

