

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011911.D
 Acq On : 20 Dec 2022 10:21
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

Quant Time: Dec 20 10:37:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 10:37:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	210143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	334536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147606	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11246	6.590	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	13.180%#		
35) Dibromofluoromethane	7.722	113	10642	6.308	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	12.620%#		
50) Toluene-d8	10.179	98	41488	7.010	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	14.020%#		
62) 4-Bromofluorobenzene	12.483	95	13680	6.020	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	12.040%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	10287	8.967	ug/l	98
3) Chloromethane	2.119	50	11209	8.722	ug/l	95
4) Vinyl Chloride	2.253	62	11778	7.829	ug/l	97
5) Bromomethane	2.656	94	8795	8.473	ug/l	97
6) Chloroethane	2.802	64	7481	7.179	ug/l	99
7) Trichlorofluoromethane	3.131	101	20180	6.986	ug/l	95
8) Diethyl Ether	3.527	74	5699	5.632	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.905	101	11124	6.451	ug/l	98
10) Methyl Iodide	4.100	142	12990	6.434	ug/l	99
11) Tert butyl alcohol	4.942	59	12519	48.726	ug/l #	79
12) 1,1-Dichloroethene	3.875	96	10268	6.602	ug/l	96
13) Acrolein	3.741	56	5539	18.698	ug/l	100
14) Allyl chloride	4.485	41	15116	5.851	ug/l	98
15) Acrylonitrile	5.167	53	12896	23.745	ug/l	97
16) Acetone	3.948	43	12284	21.408	ug/l	92
17) Carbon Disulfide	4.204	76	34404	9.687	ug/l	100
18) Methyl Acetate	4.478	43	8169	5.041	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	24860	5.105	ug/l	100
20) Methylene Chloride	4.716	84	20801	7.909	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	12030	6.882	ug/l	95
22) Diisopropyl ether	6.124	45	27832	4.938	ug/l #	87
23) Vinyl Acetate	6.064	43	75455	23.466	ug/l	97
24) 1,1-Dichloroethane	6.021	63	19706	5.754	ug/l	97
25) 2-Butanone	6.984	43	16790	22.748	ug/l	95
26) 2,2-Dichloropropane	6.984	77	19971	6.198	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	12097	5.662	ug/l	92
28) Bromochloromethane	7.344	49	5741	4.604	ug/l	93
29) Tetrahydrofuran	7.344	42	9197	21.892	ug/l	97
30) Chloroform	7.508	83	21480	5.866	ug/l	97
31) Cyclohexane	7.789	56	21111	7.691	ug/l #	82
32) 1,1,1-Trichloroethane	7.703	97	20230	6.195	ug/l	99
36) 1,1-Dichloropropene	7.923	75	16739	6.594	ug/l	99
37) Ethyl Acetate	7.082	43	7310	4.925	ug/l	99
38) Carbon Tetrachloride	7.905	117	19309	6.475	ug/l	94
39) Methylcyclohexane	9.185	83	18726	6.556	ug/l	92
40) Benzene	8.161	78	47254	6.231	ug/l	96

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Manual Integrations
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Quant Time: Dec 20 10:37:49 2022
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 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 10:37:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	2927m	3.907	ug/l	
42) 1,2-Dichloroethane	8.240	62	13541	5.774	ug/l	97
43) Isopropyl Acetate	8.277	43	12644	4.698	ug/l	97
44) Trichloroethene	8.941	130	13314	6.268	ug/l	93
45) 1,2-Dichloropropane	9.215	63	11048	5.628	ug/l	96
46) Dibromomethane	9.307	93	6269	5.706	ug/l	96
47) Bromodichloromethane	9.496	83	15776	5.558	ug/l	100
48) Methyl methacrylate	9.289	41	5160	4.350	ug/l	91
49) 1,4-Dioxane	9.307	88	1222	80.281	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	31409	21.181	ug/l	99
52) Toluene	10.246	92	28298	5.869	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	15194	5.359	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	16839	5.286	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	8996	5.539	ug/l	94
56) Ethyl methacrylate	10.508	69	9648	4.602	ug/l	97
57) 1,3-Dichloropropane	10.788	76	14292	5.280	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	21043	21.647	ug/l	95
59) 2-Hexanone	10.831	43	21243	20.050	ug/l	99
60) Dibromochloromethane	10.983	129	10793	5.306	ug/l	95
61) 1,2-Dibromoethane	11.087	107	8149	5.539	ug/l	97
64) Tetrachloroethene	10.721	164	13791	6.546	ug/l	97
65) Chlorobenzene	11.520	112	31879	5.941	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	11910	5.722	ug/l	100
67) Ethyl Benzene	11.593	91	53849	5.696	ug/l	95
68) m/p-Xylenes	11.703	106	41559	11.478	ug/l	100
69) o-Xylene	12.032	106	19153	5.550	ug/l	98
70) Styrene	12.044	104	31815	5.401	ug/l	99
71) Bromoform	12.209	173	6758	5.263	ug/l #	96
73) Isopropylbenzene	12.331	105	50743	5.306	ug/l	99
74) N-amyl acetate	12.142	43	9640	4.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	9225	4.953	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	9432m	6.316	ug/l	
77) Bromobenzene	12.611	156	12430	5.567	ug/l	97
78) n-propylbenzene	12.672	91	61794	5.392	ug/l	99
79) 2-Chlorotoluene	12.757	91	35703	5.459	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	43487	5.380	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	3079	4.679	ug/l	94
82) 4-Chlorotoluene	12.855	91	36162	5.330	ug/l	98
83) tert-Butylbenzene	13.074	119	37379	5.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	43056	5.410	ug/l	99
85) sec-Butylbenzene	13.251	105	56075	5.349	ug/l	97
86) p-Isopropyltoluene	13.373	119	45733	5.242	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	25655	5.709	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	25855	5.789	ug/l	95
89) n-Butylbenzene	13.696	91	42459	5.354	ug/l	99
90) Hexachloroethane	13.965	117	9814	5.661	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	21768	5.383	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1442	4.441	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	11506	4.879	ug/l	98
94) Hexachlorobutadiene	15.111	225	8303	5.541	ug/l	99
95) Naphthalene	15.239	128	18943	4.147	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	9396	4.612	ug/l	97

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

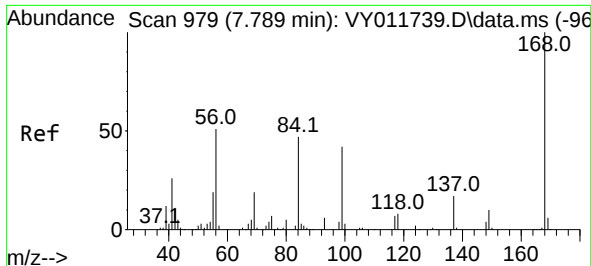
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

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Quant Title : SW846 8260
QLast Update : Tue Dec 20 10:37:46 2022
Response via : Initial Calibration

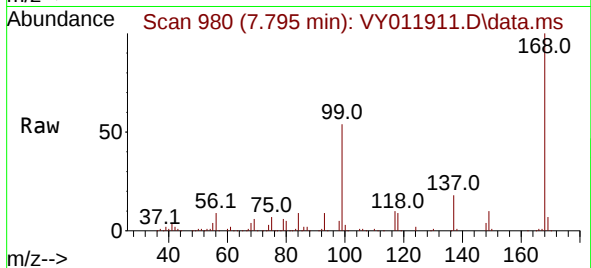
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

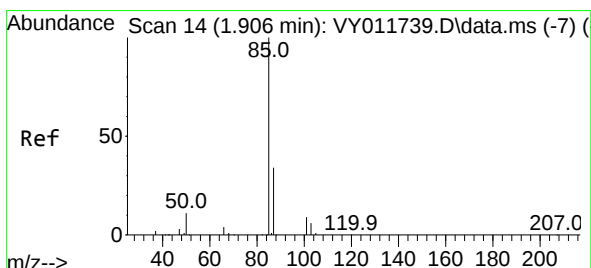
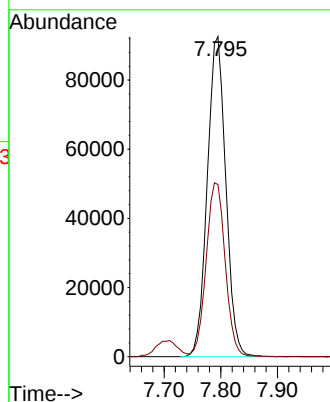
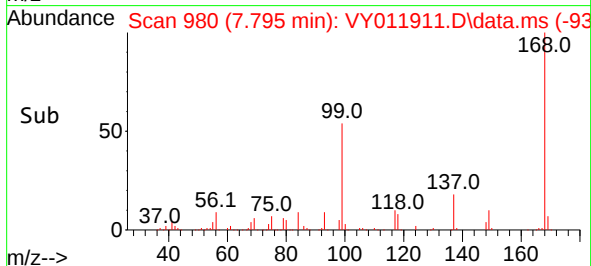
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 21014
Ion Ratio Lower Upper
168 100
99 53.7 44.0 66.0

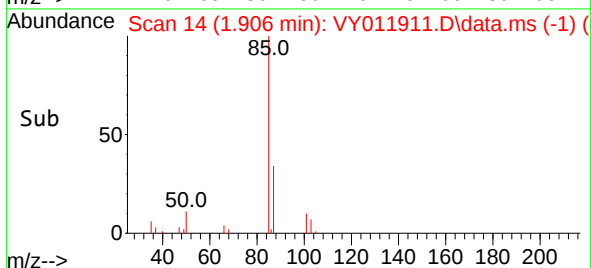
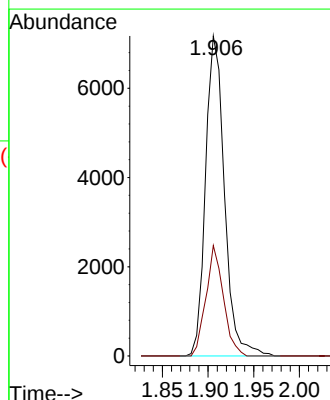
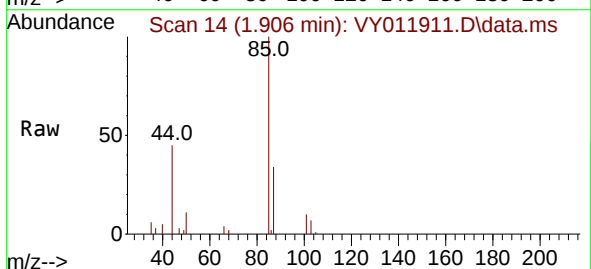
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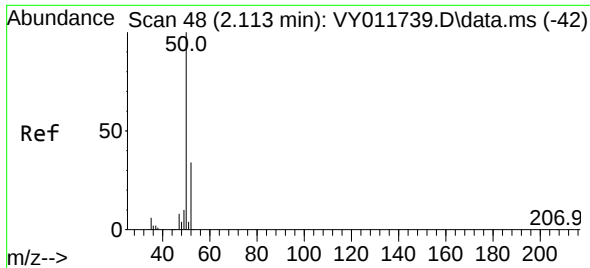
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#2
Dichlorodifluoromethane
Concen: 8.967 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 85 Resp: 10287
Ion Ratio Lower Upper
85 100
87 34.5 16.8 50.4





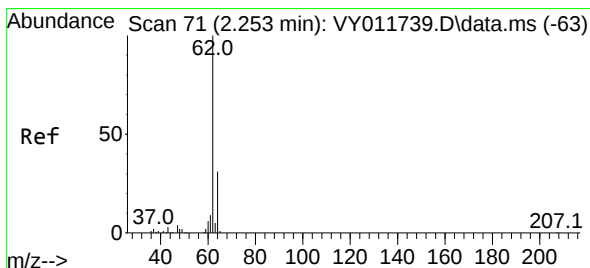
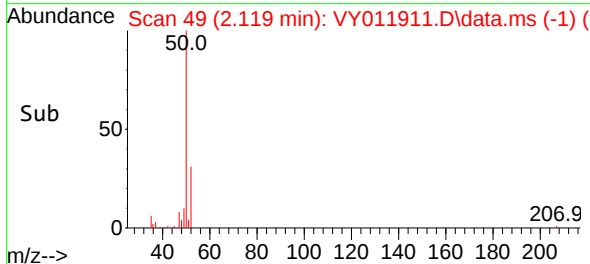
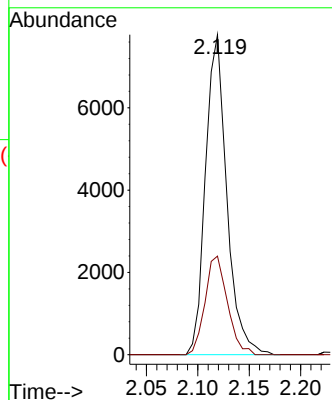
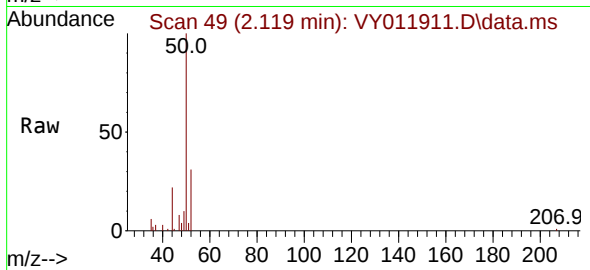
#3
Chloromethane
Concen: 8.722 ug/l
RT: 2.119 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 11209
Ion Ratio Lower Upper
50 100
52 30.8 26.8 40.2

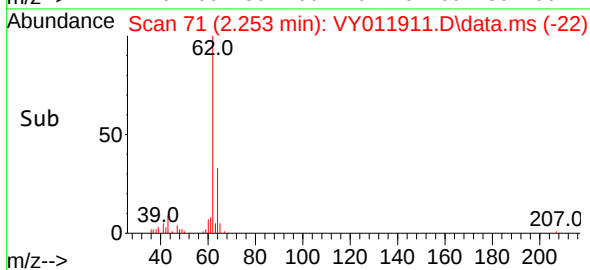
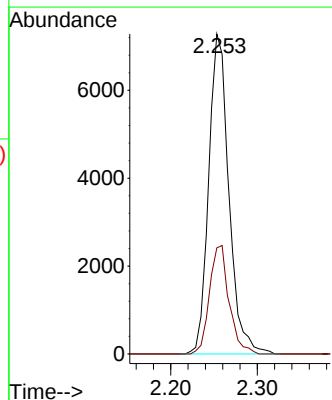
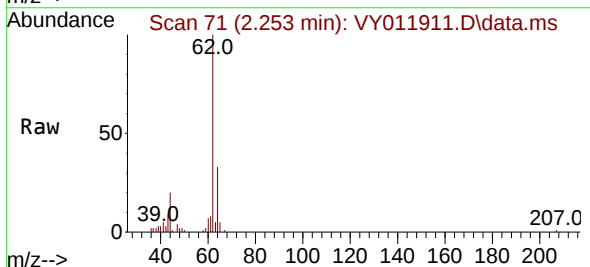
Manual Integrations
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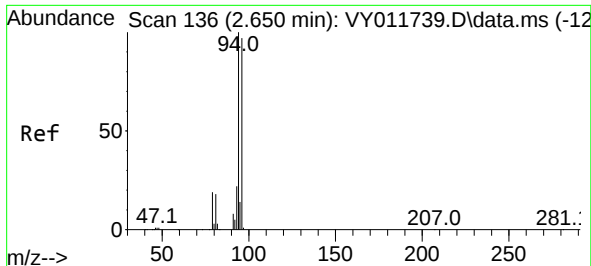
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#4
Vinyl Chloride
Concen: 7.829 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

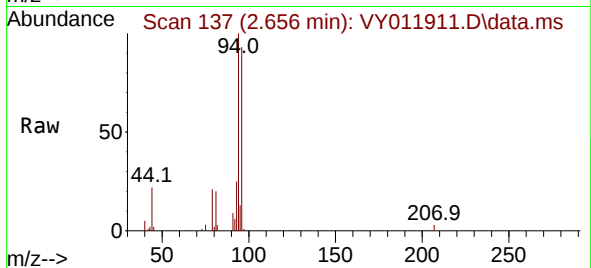
Tgt Ion: 62 Resp: 11778
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6





#5
Bromomethane
Concen: 8.473 ug/l
RT: 2.656 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

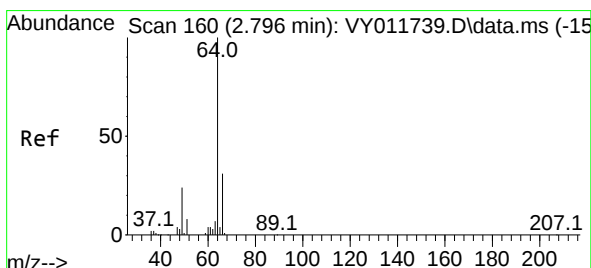
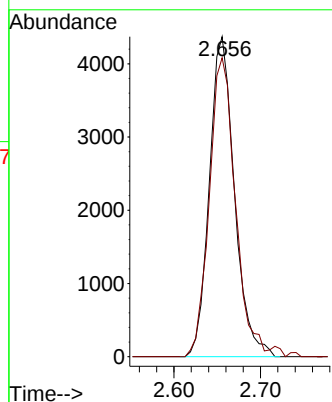
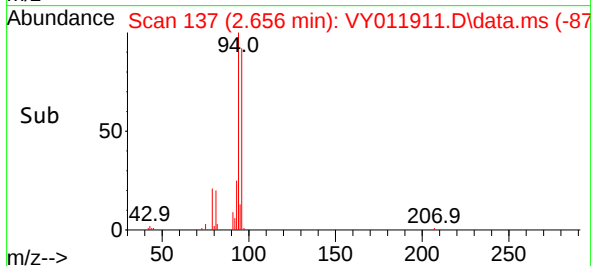
Instrument :
MSVOA_Y
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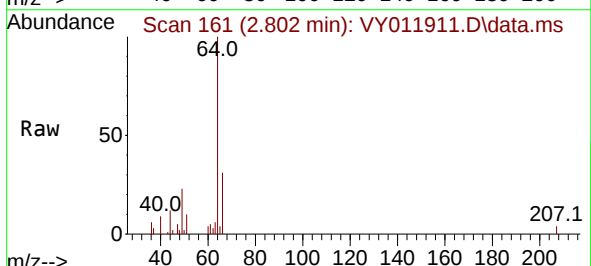
Tgt Ion: 94 Resp: 879
Ion Ratio Lower Upper
94 100
96 93.4 77.4 116.2

Manual Integrations
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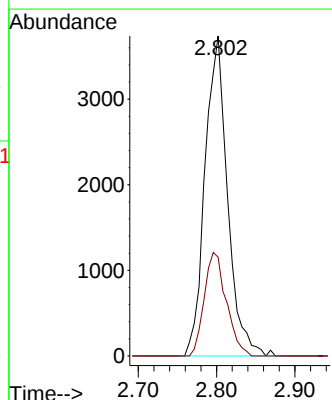
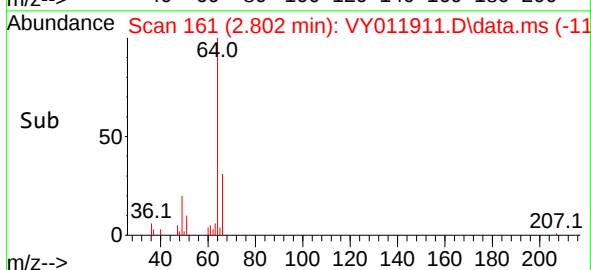
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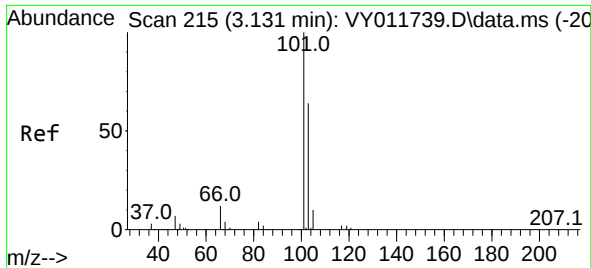


#6
Chloroethane
Concen: 7.179 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21



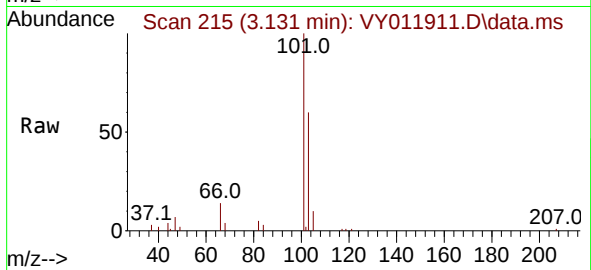
Tgt Ion: 64 Resp: 7481
Ion Ratio Lower Upper
64 100
66 30.8 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 6.986 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21

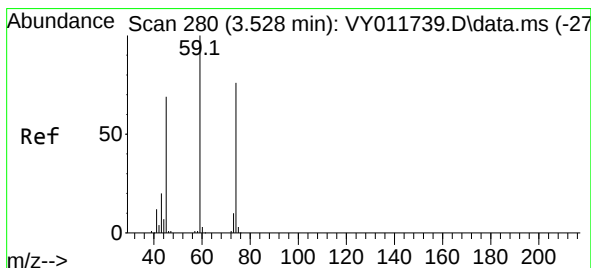
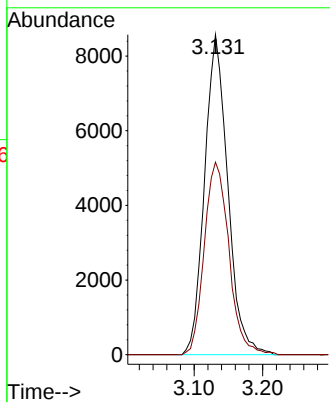
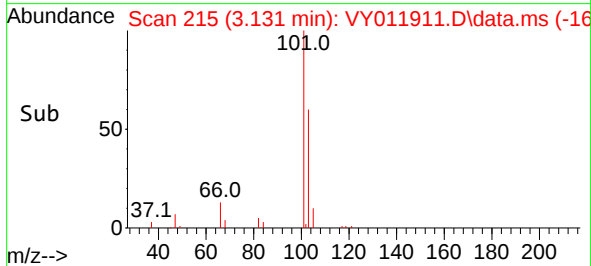
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



Tgt Ion: 101 Resp: 20180
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.0 76.6

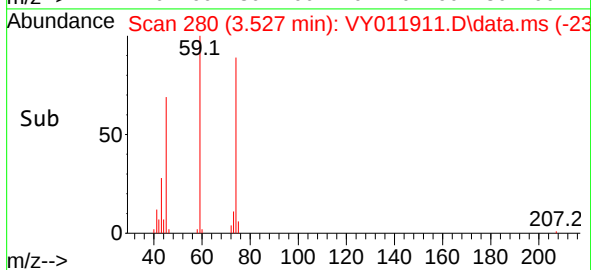
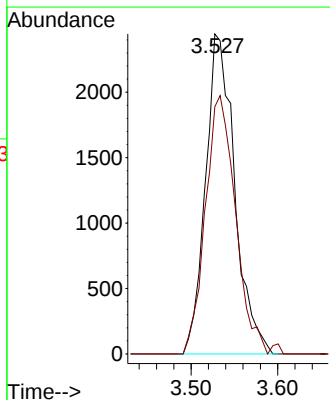
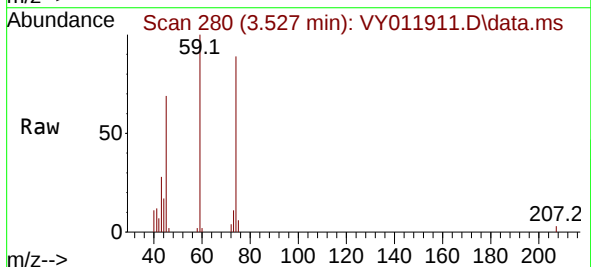
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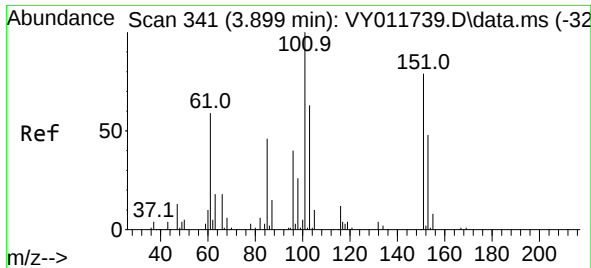
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#8
 Diethyl Ether
 Concen: 5.632 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21

Tgt Ion: 74 Resp: 5699
 Ion Ratio Lower Upper
 74 100
 45 83.6 46.8 140.3





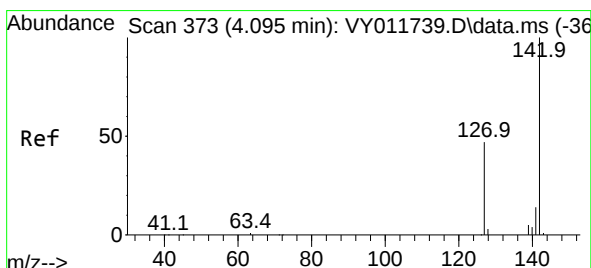
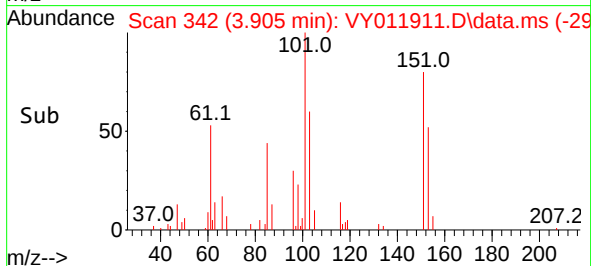
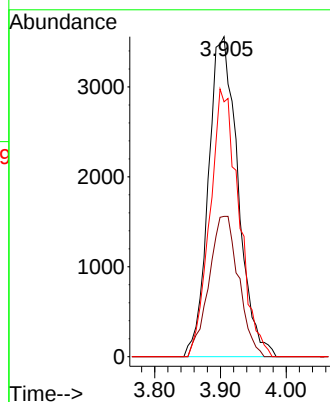
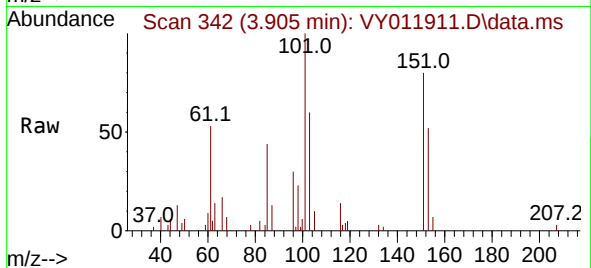
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.451 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 11124
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.2
151 82.1 64.2 96.2

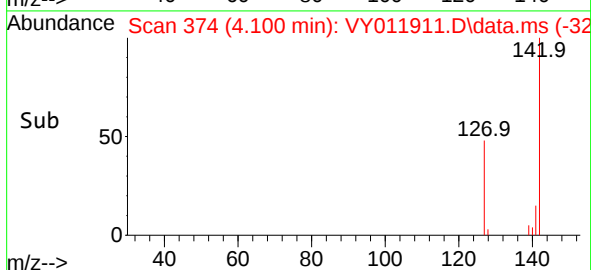
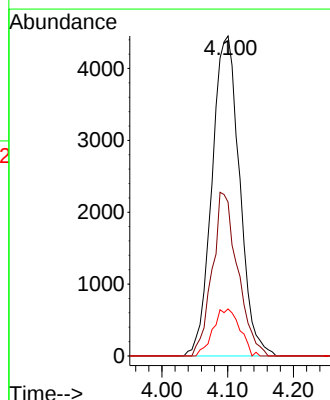
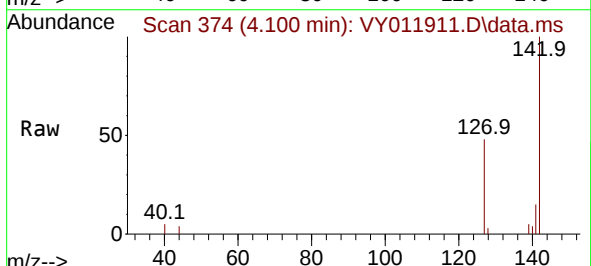
Manual Integrations
APPROVED

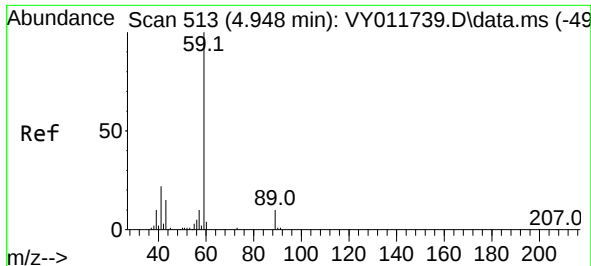
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 6.434 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion:142 Resp: 12990
Ion Ratio Lower Upper
142 100
127 47.2 37.0 55.4
141 14.2 11.4 17.0





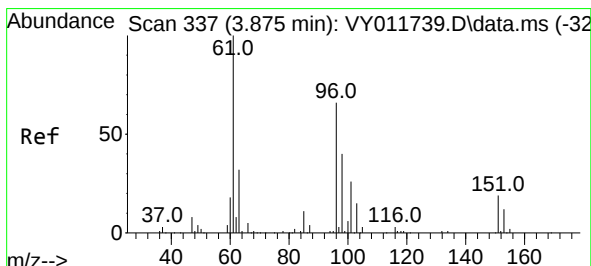
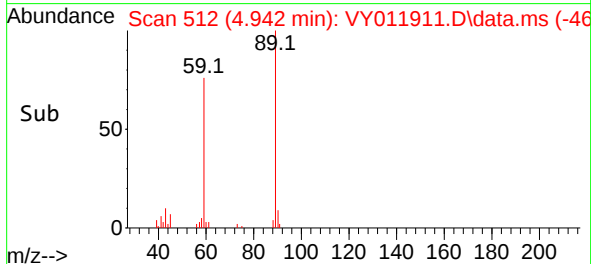
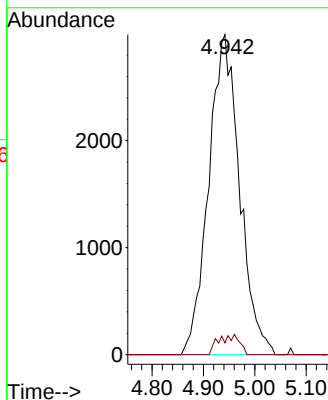
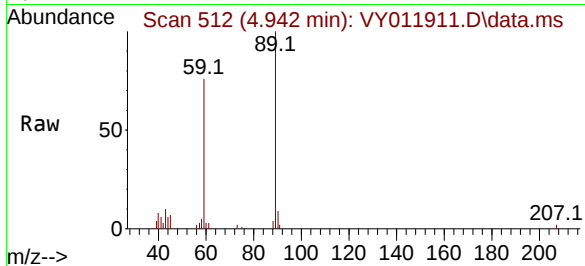
#11
Tert butyl alcohol
Concen: 48.726 ug/l
RT: 4.942 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 12519
Ion Ratio Lower Upper
59 100
57 1.8 7.4 11.2

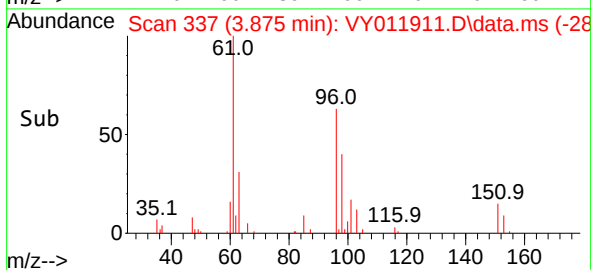
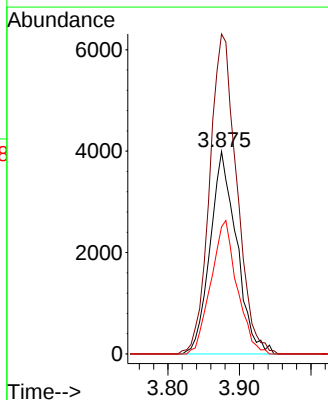
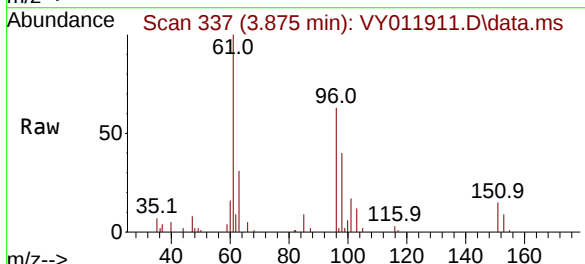
Manual Integrations
APPROVED

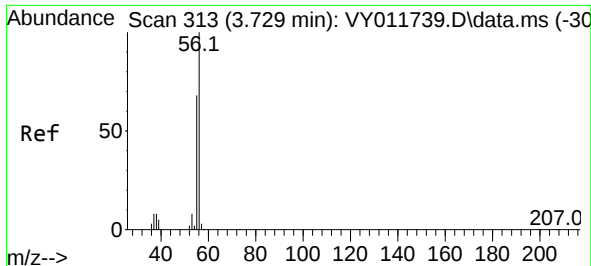
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#12
1,1-Dichloroethene
Concen: 6.602 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

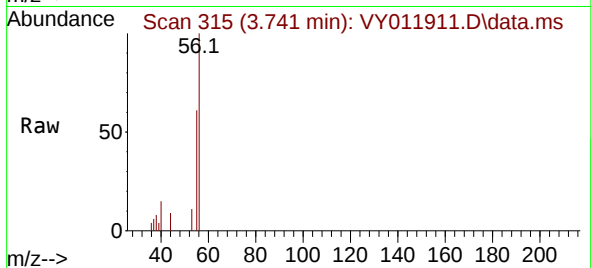
Tgt Ion: 96 Resp: 10268
Ion Ratio Lower Upper
96 100
61 158.1 122.0 183.0
98 62.8 48.6 73.0





#13
Acrolein
Concen: 18.698 ug/l
RT: 3.741 min Scan# 313
Delta R.T. 0.012 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

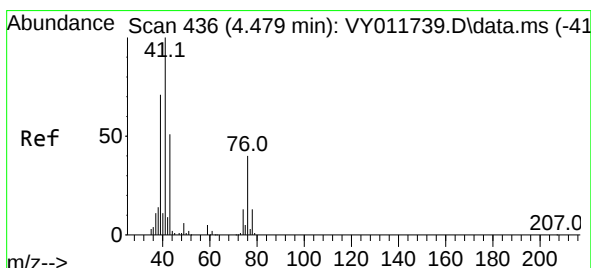
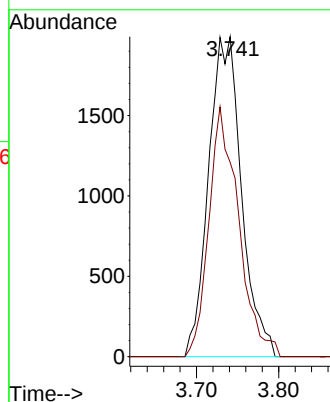
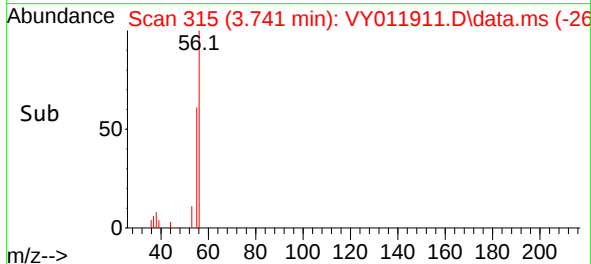
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



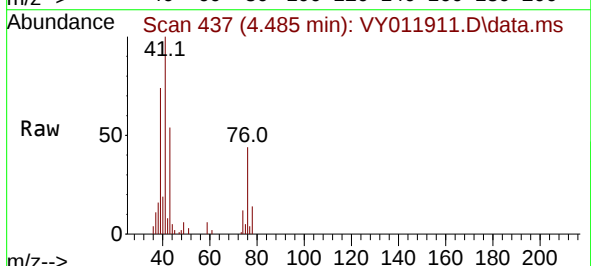
Tgt Ion: 56 Resp: 5539
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

Manual Integrations
APPROVED

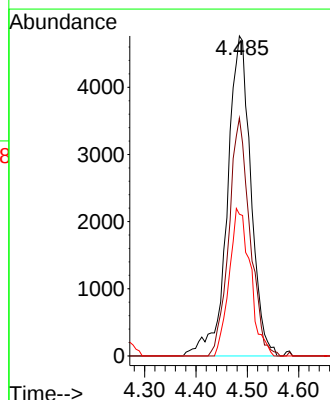
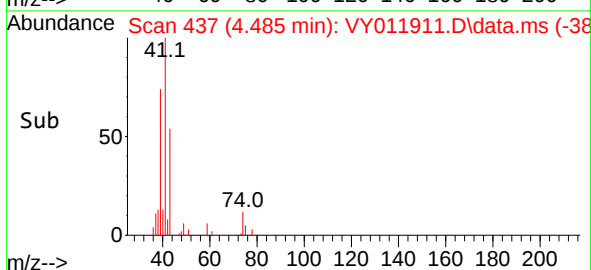
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

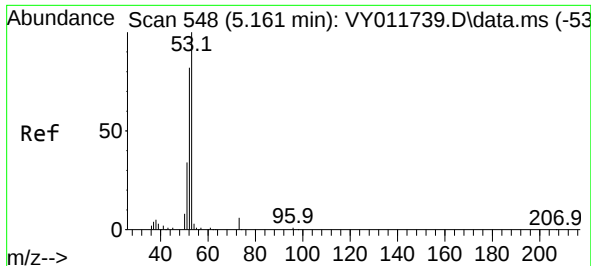


#14
Allyl chloride
Concen: 5.851 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21



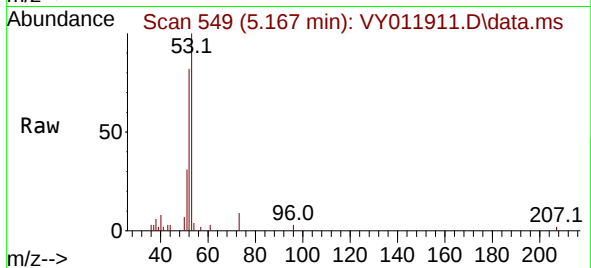
Tgt Ion: 41 Resp: 15116
Ion Ratio Lower Upper
41 100
39 66.8 53.5 80.3
76 41.6 31.1 46.7





#15
Acrylonitrile
Concen: 23.745 ug/l
RT: 5.167 min Scan# 548
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

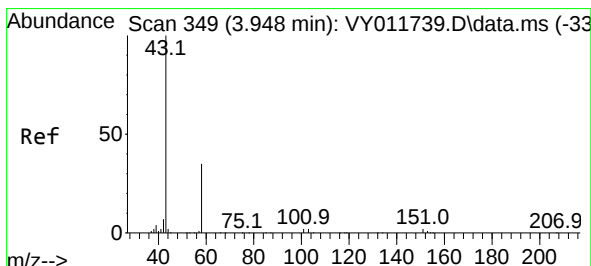
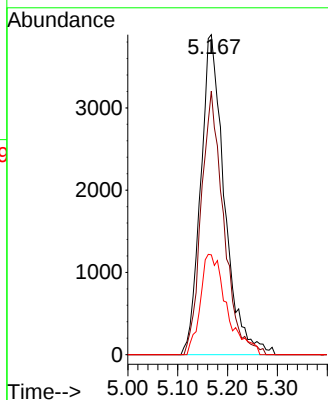
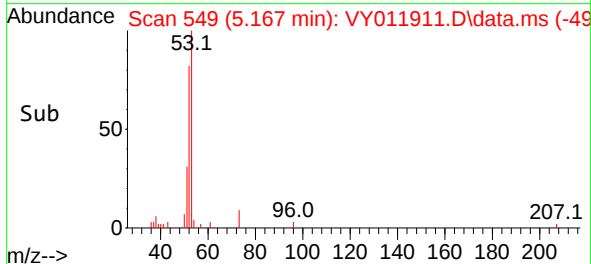
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 12890
Ion Ratio Lower Upper
53 100
52 77.7 65.1 97.7
51 34.8 28.7 43.1

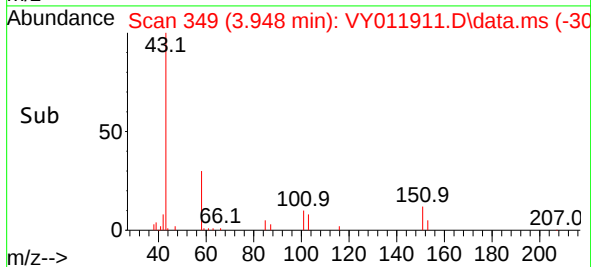
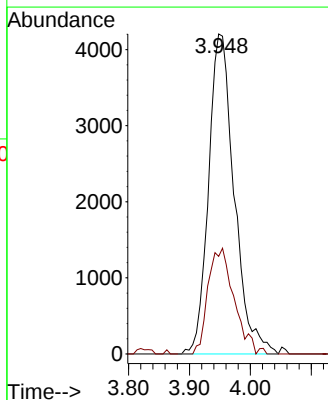
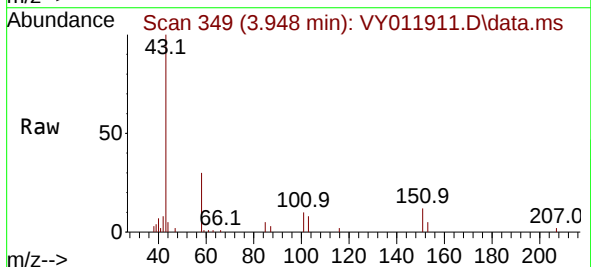
Manual Integrations
APPROVED

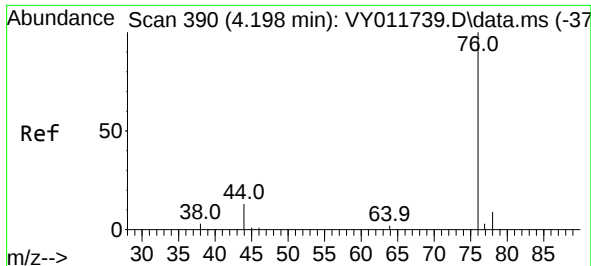
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
Acetone
Concen: 21.408 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 43 Resp: 12284
Ion Ratio Lower Upper
43 100
58 30.5 27.9 41.9





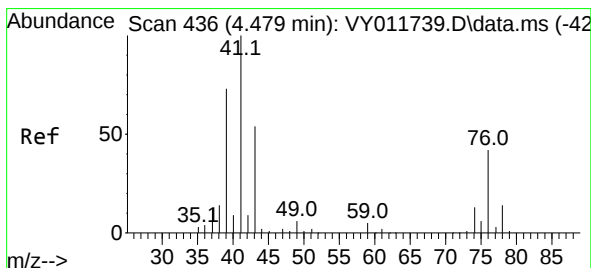
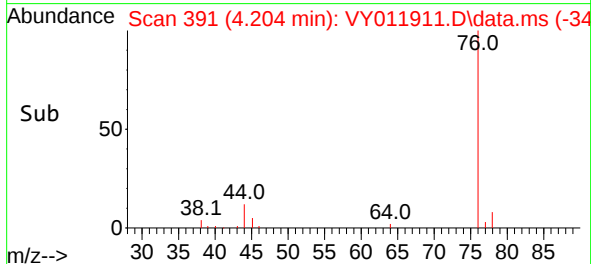
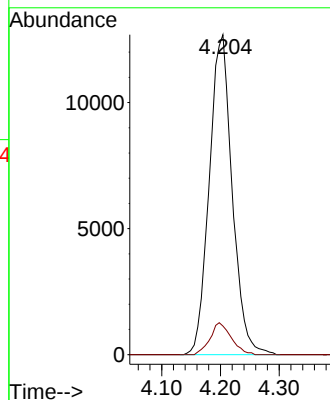
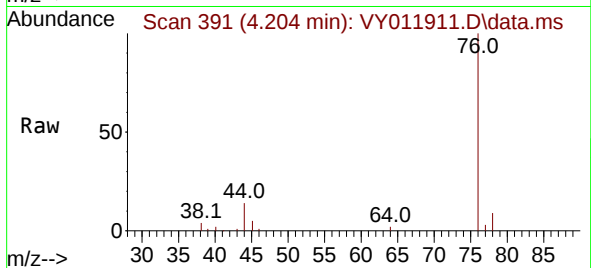
#17
Carbon Disulfide
Concen: 9.687 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 3440
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8

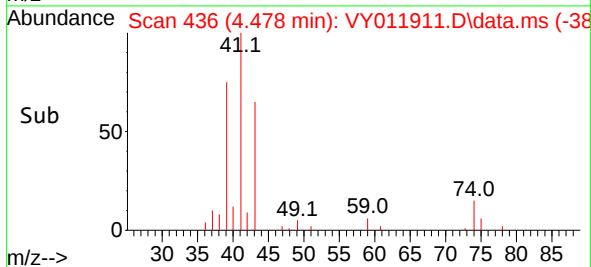
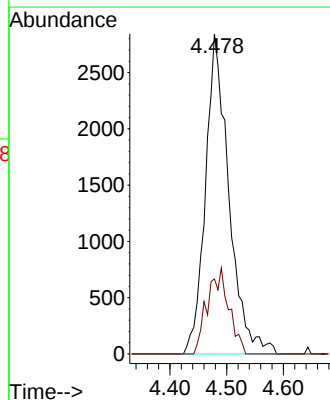
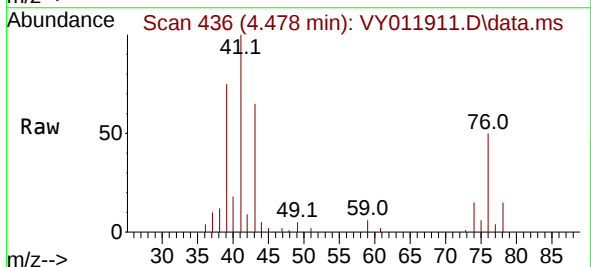
Manual Integrations
APPROVED

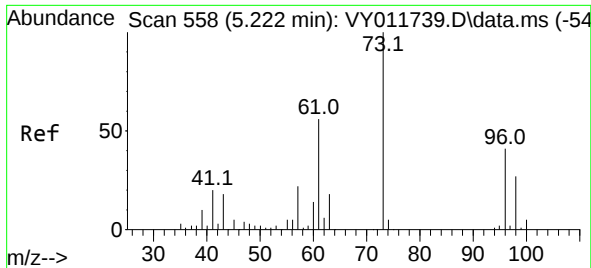
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 5.041 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.001 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

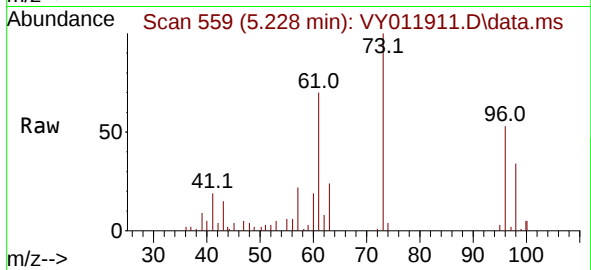
Tgt Ion: 43 Resp: 8169
Ion Ratio Lower Upper
43 100
74 24.6 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 5.105 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

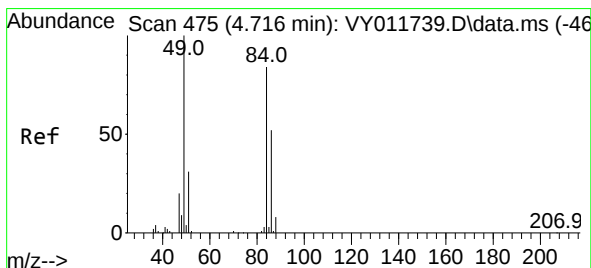
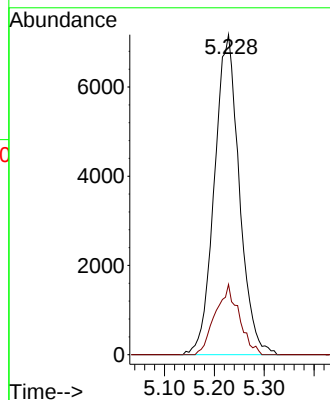
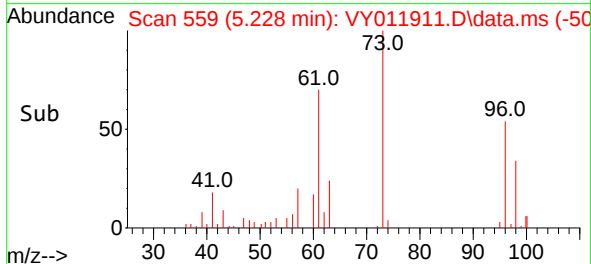
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 24860
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0

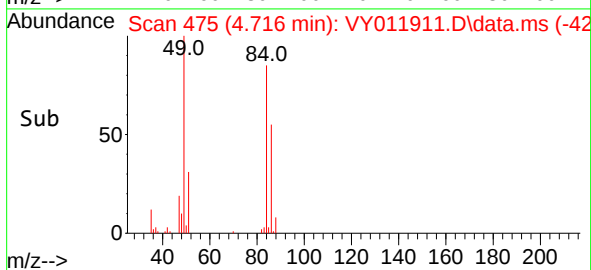
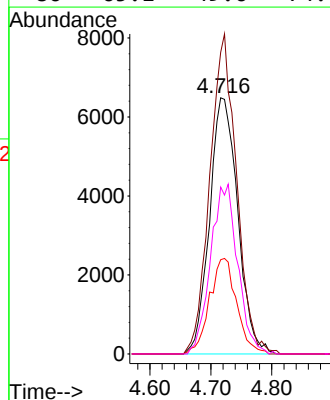
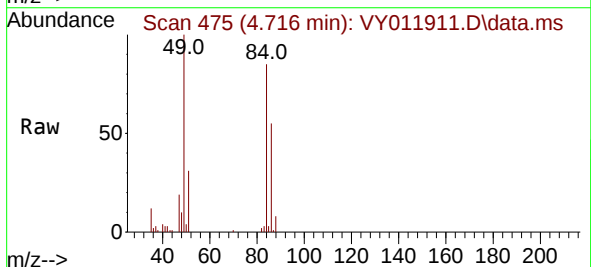
Manual Integrations
APPROVED

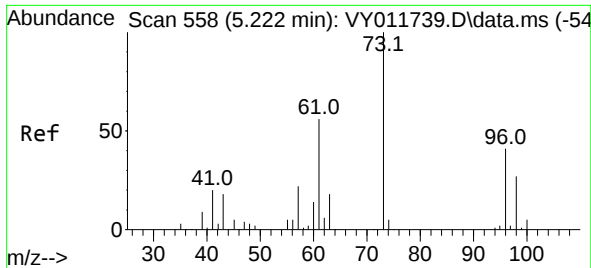
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 7.909 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 84 Resp: 20801
Ion Ratio Lower Upper
84 100
49 117.7 95.4 143.2
51 36.8 29.9 44.9
86 65.1 49.6 74.4





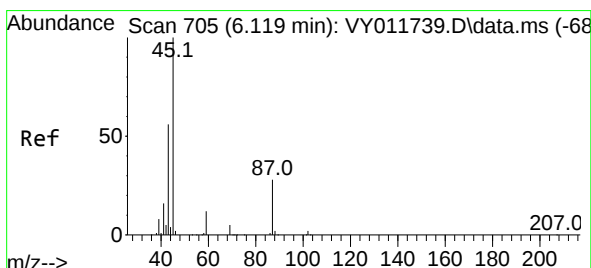
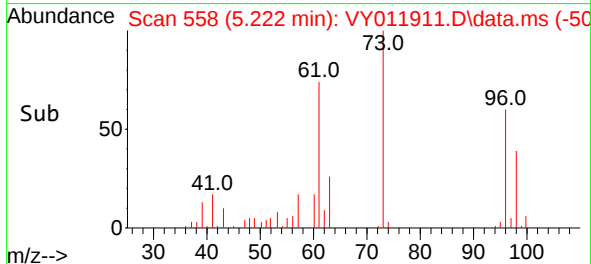
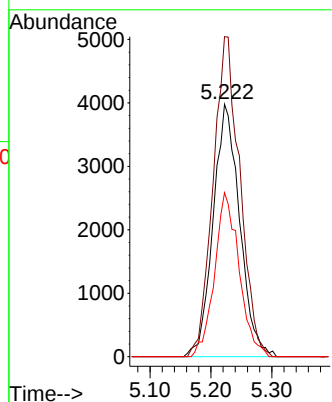
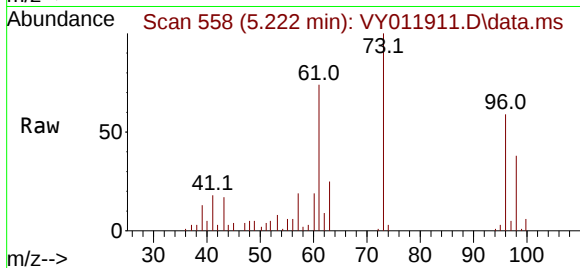
#21
trans-1,2-Dichloroethene
Concen: 6.882 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 12030
Ion Ratio Lower Upper
96 100
61 126.7 108.0 162.0
98 64.9 51.6 77.4

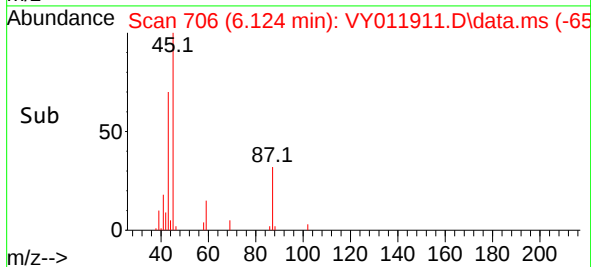
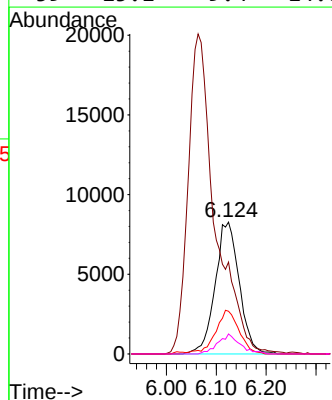
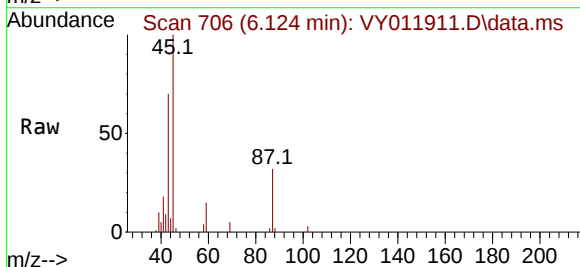
Manual Integrations
APPROVED

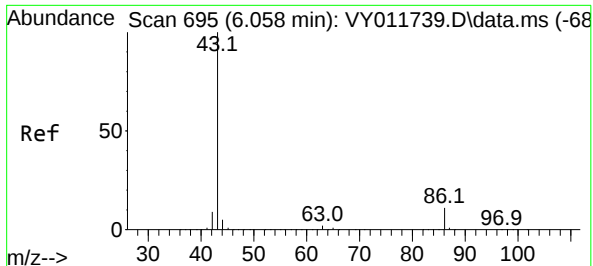
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#22
Diisopropyl ether
Concen: 4.938 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 45 Resp: 27832
Ion Ratio Lower Upper
45 100
43 68.2 45.0 67.4#
87 32.4 22.6 33.8
59 15.1 9.4 14.0#





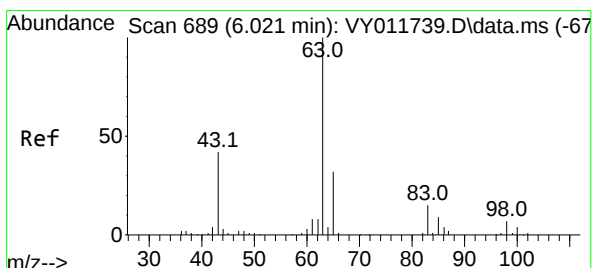
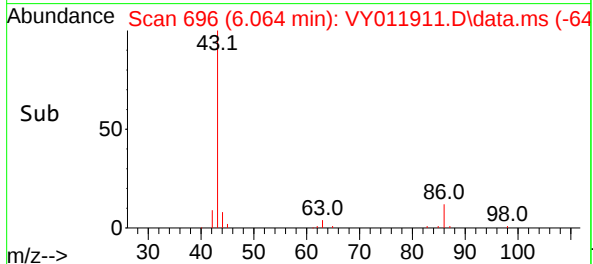
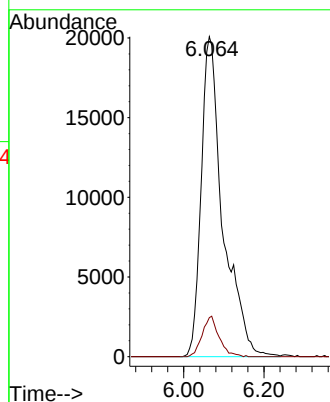
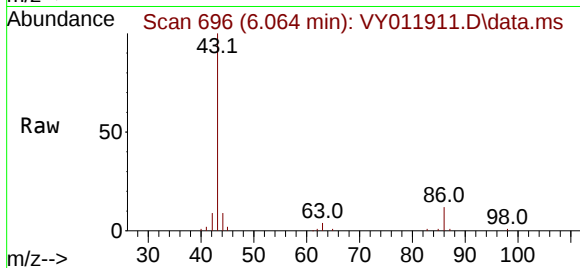
#23
 Vinyl Acetate
 Concen: 23.466 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 7545
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.0 13.4

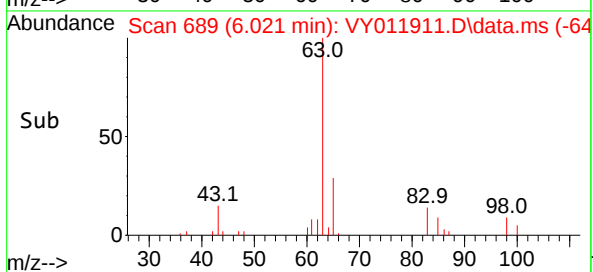
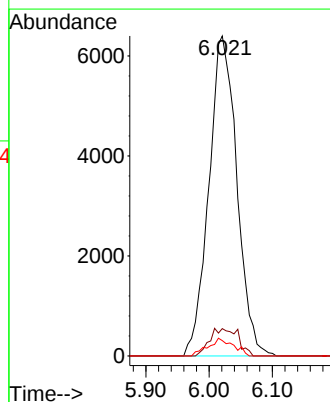
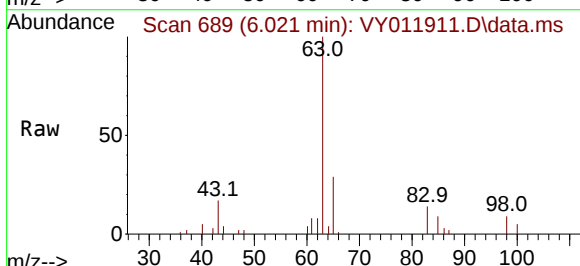
Manual Integrations
 APPROVED

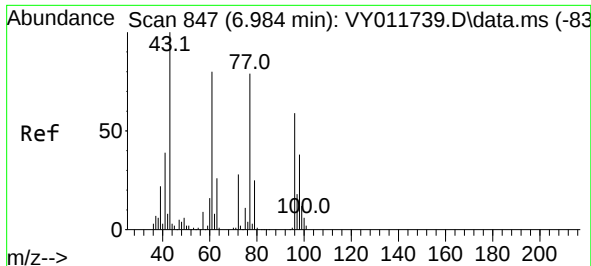
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 5.754 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21

Tgt Ion: 63 Resp: 19706
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.5
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 22.748 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 16790

Ion Ratio Lower Upper

43 100

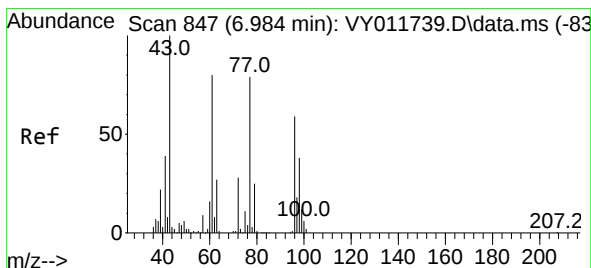
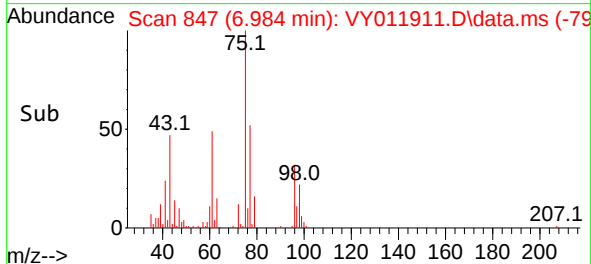
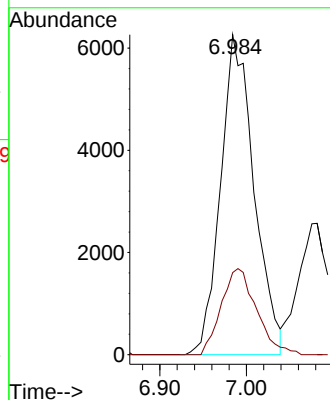
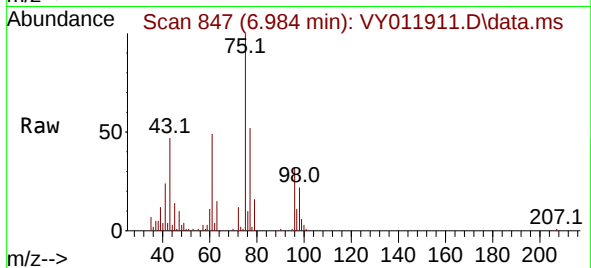
72 25.7 22.6 34.0

Manual Integrations

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Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#26

2,2-Dichloropropane

Concen: 6.198 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011911.D

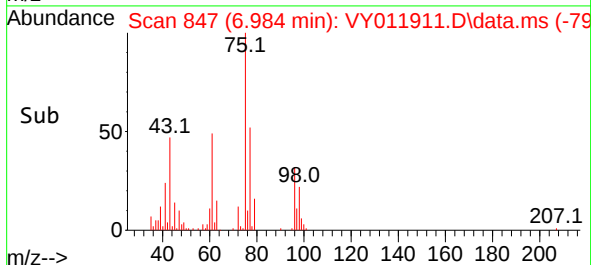
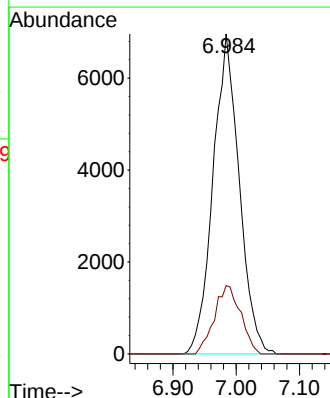
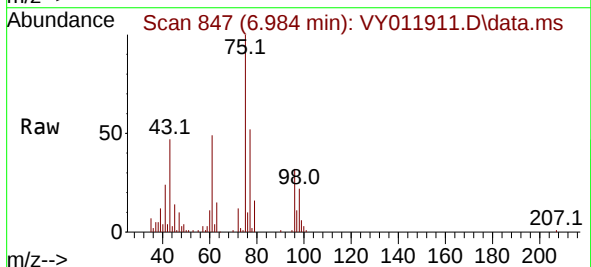
Acq: 20 Dec 2022 10:21

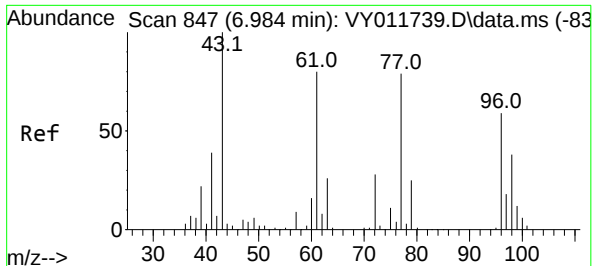
Tgt Ion: 77 Resp: 19971

Ion Ratio Lower Upper

77 100

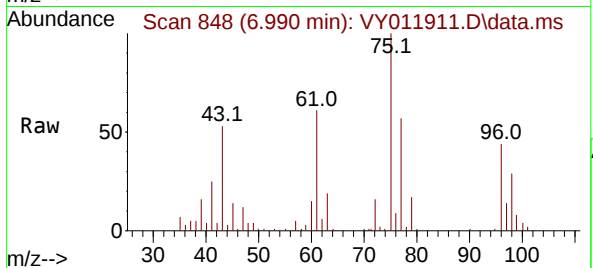
97 21.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 5.662 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21

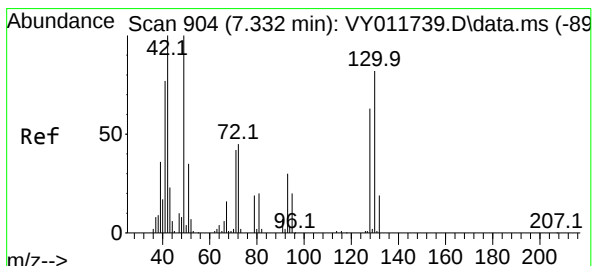
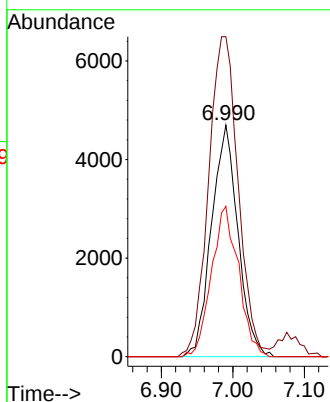
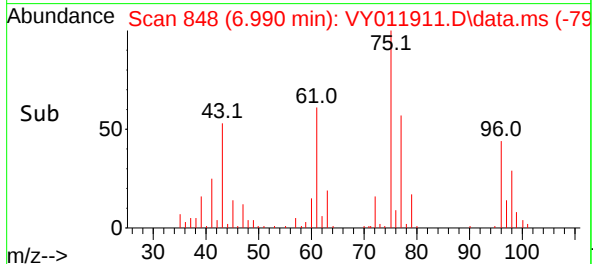
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



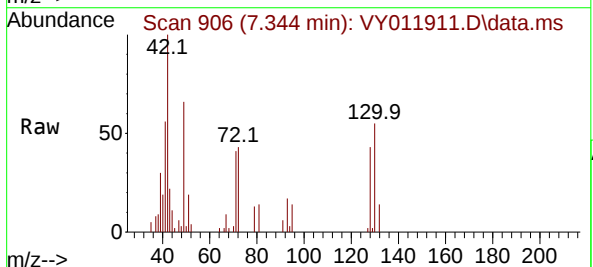
Tgt Ion: 96 Resp: 1209
 Ion Ratio Lower Upper
 96 100
 61 154.3 0.0 283.4
 98 66.5 0.0 127.6

Manual Integrations
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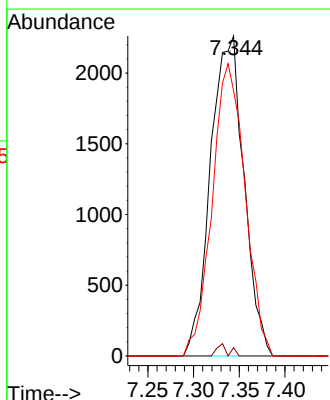
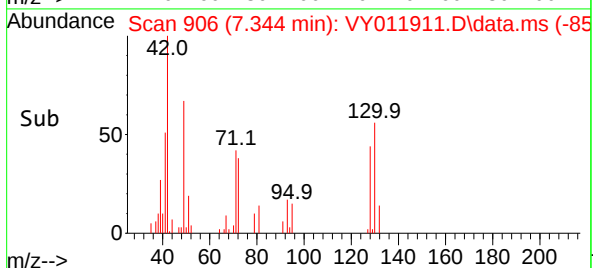
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

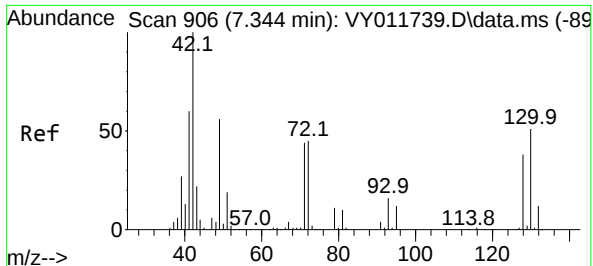


#28
 Bromochloromethane
 Concen: 4.604 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21



Tgt Ion: 49 Resp: 5741
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 89.8 66.7 100.1





#29

Tetrahydrofuran

Concen: 21.892 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

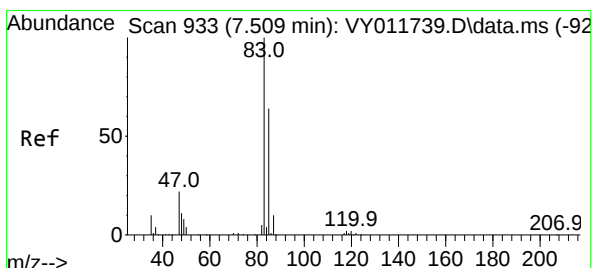
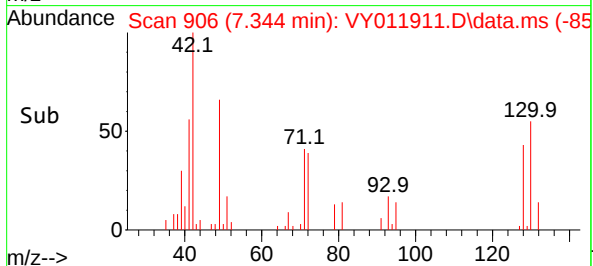
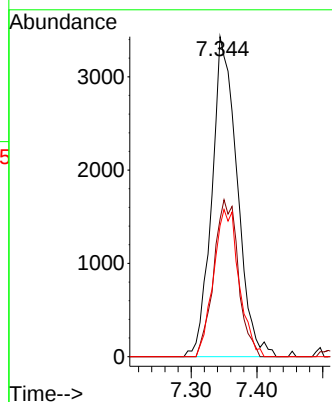
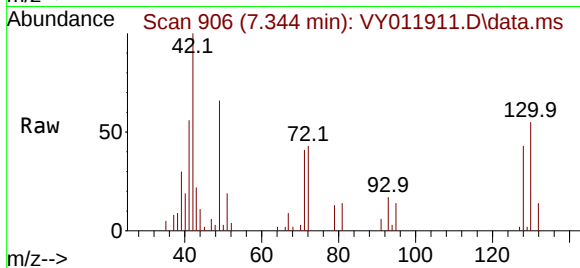
Tgt Ion:	42	Resp:	919
Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.0	55.6
71	46.3	34.9	52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#30

Chloroform

Concen: 5.866 ug/l

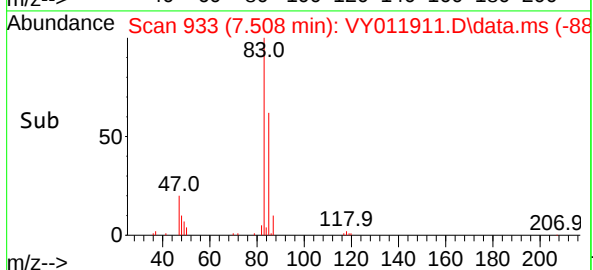
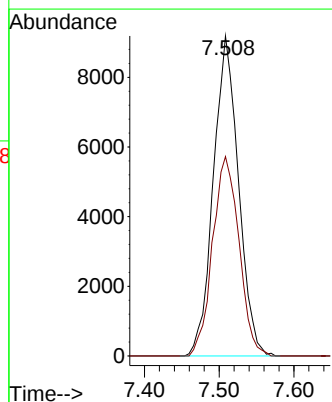
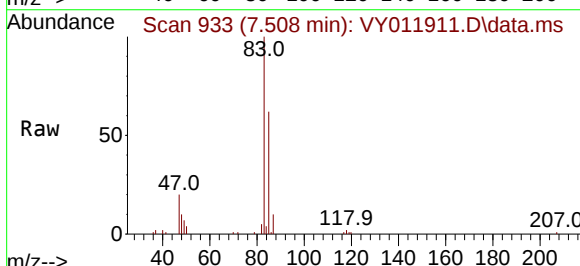
RT: 7.508 min Scan# 933

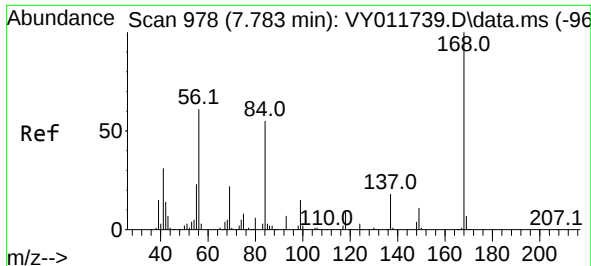
Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

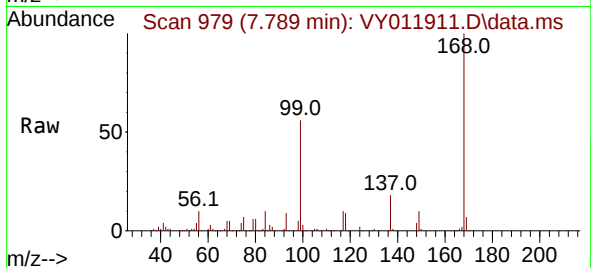
Tgt Ion:	83	Resp:	21480
Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.5	77.3





#31
Cyclohexane
Concen: 7.691 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

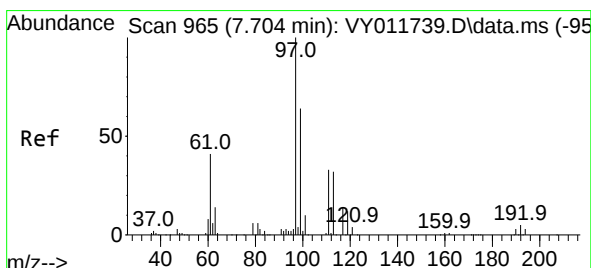
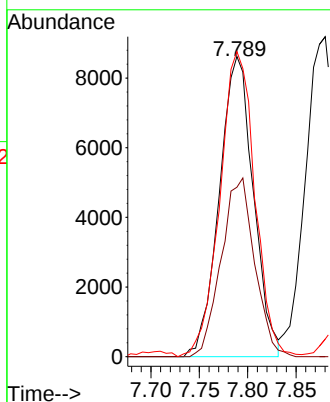
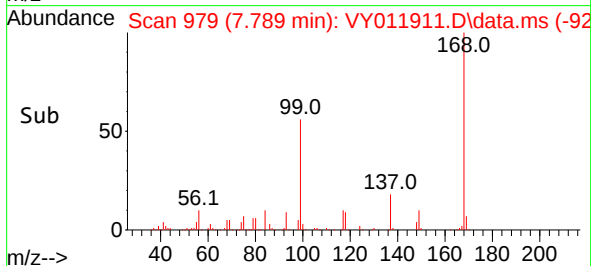
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 2111
Ion Ratio Lower Upper
56 100
69 56.5 29.2 43.8
84 101.7 72.6 108.8

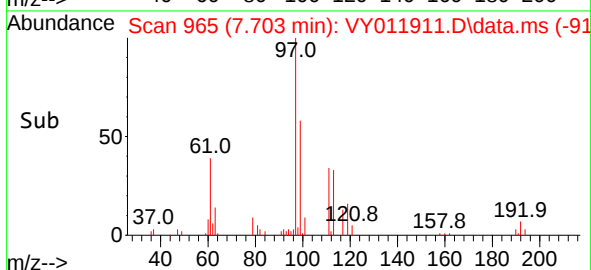
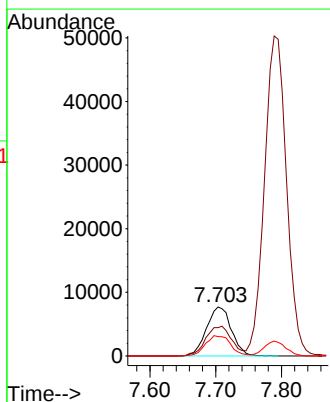
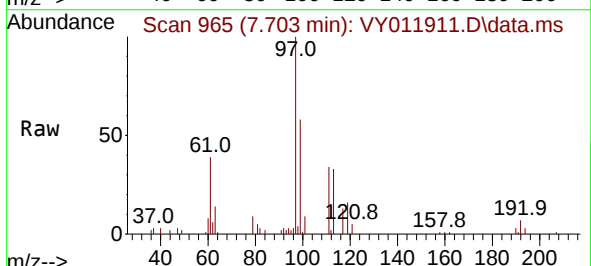
Manual Integrations
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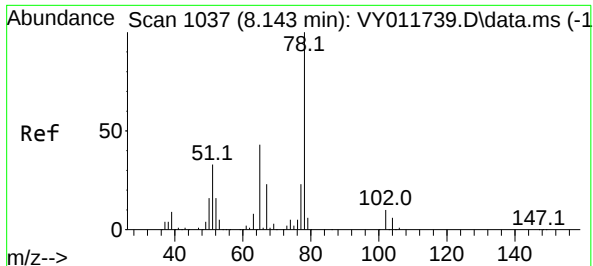
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#32
1,1,1-Trichloroethane
Concen: 6.195 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 97 Resp: 20230
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 42.0 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 6.590 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1124

Ion Ratio Lower Upper

65 100

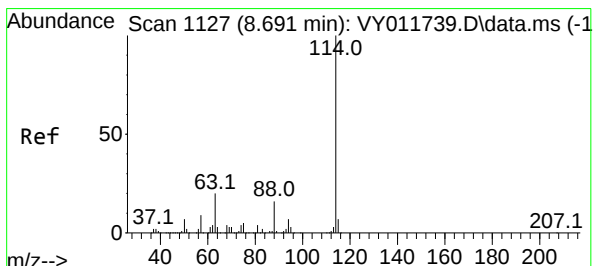
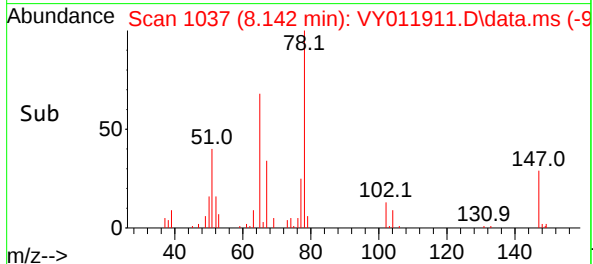
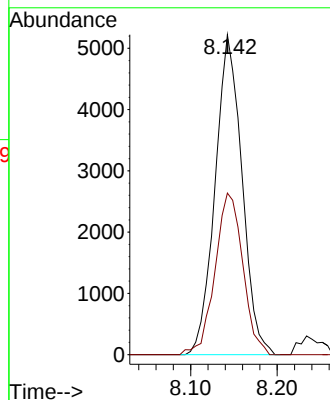
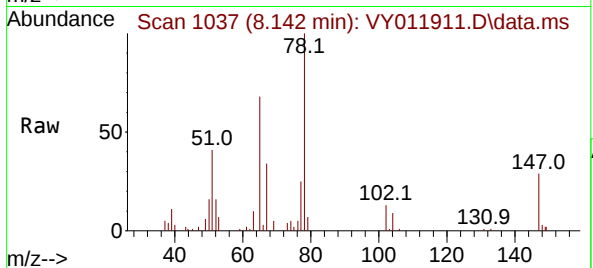
67 52.3 0.0 103.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

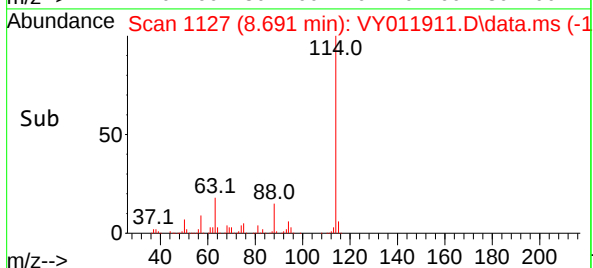
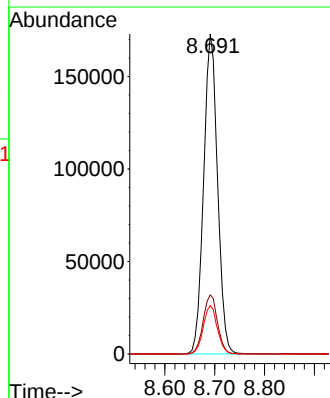
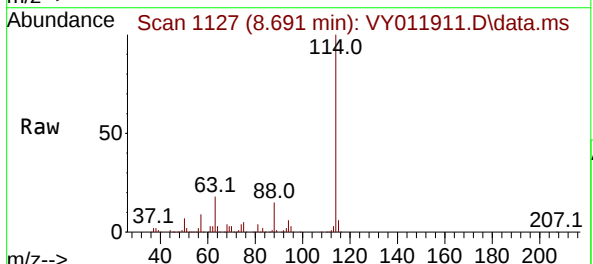
Tgt Ion:114 Resp: 334536

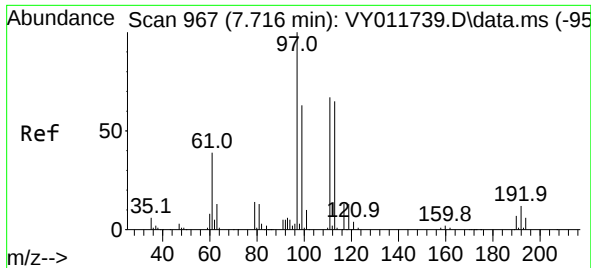
Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

88 15.1 0.0 32.2





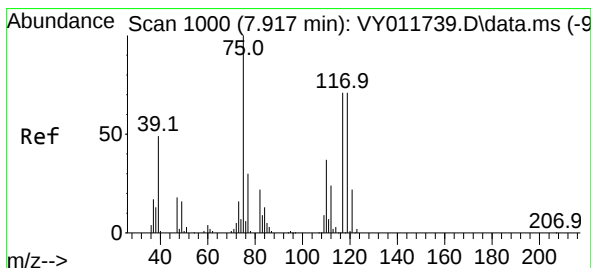
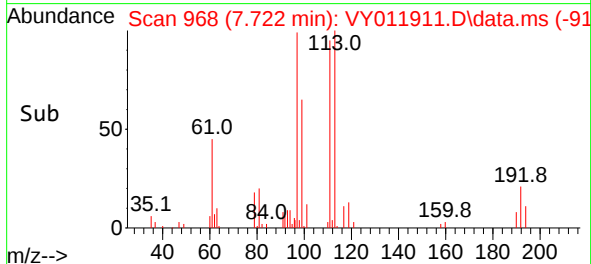
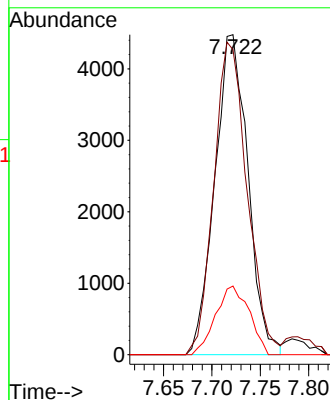
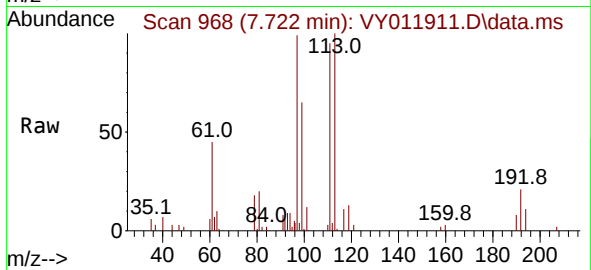
#35
Dibromofluoromethane
Concen: 6.308 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 113 Resp: 1064
Ion Ratio Lower Upper
113 100
111 98.2 83.0 124.4
192 21.8 16.0 24.0

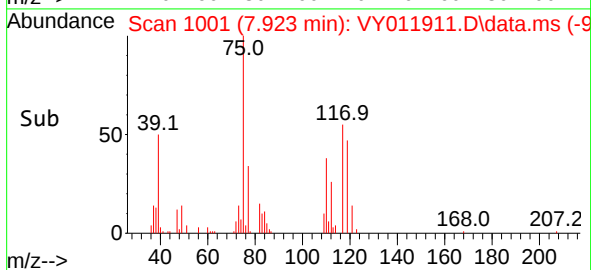
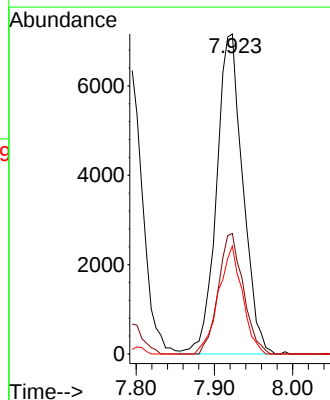
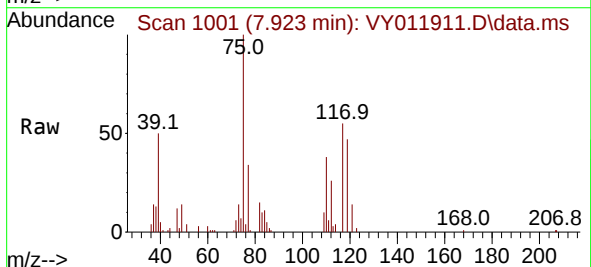
Manual Integrations
APPROVED

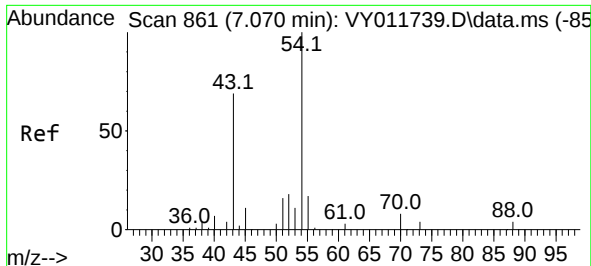
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#36
1,1-Dichloropropene
Concen: 6.594 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 75 Resp: 16739
Ion Ratio Lower Upper
75 100
110 35.7 18.1 54.1
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 4.925 ug/l

RT: 7.082 min Scan# 861

Delta R.T. 0.012 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 7310

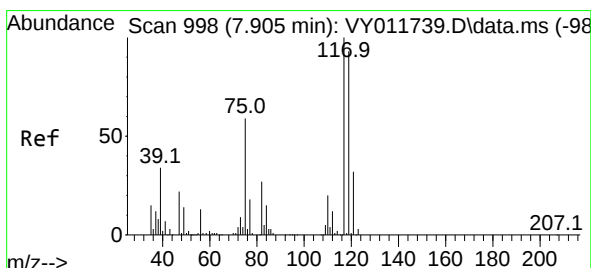
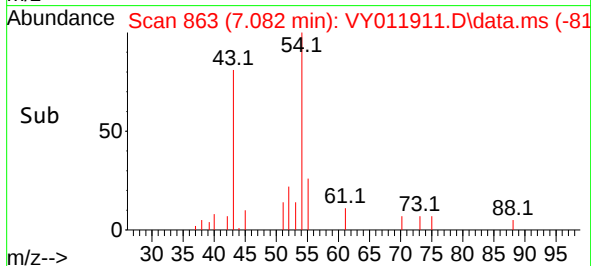
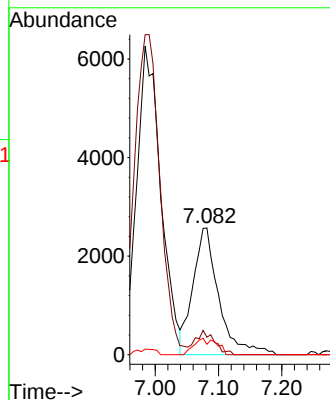
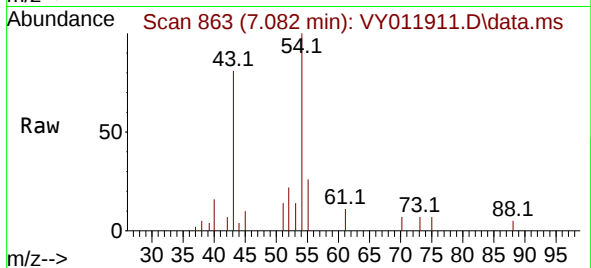
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	11.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#38

Carbon Tetrachloride

Concen: 6.475 ug/l

RT: 7.905 min Scan# 998

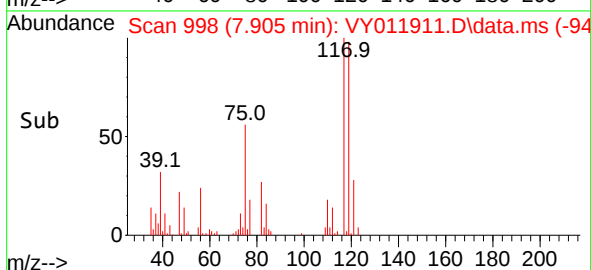
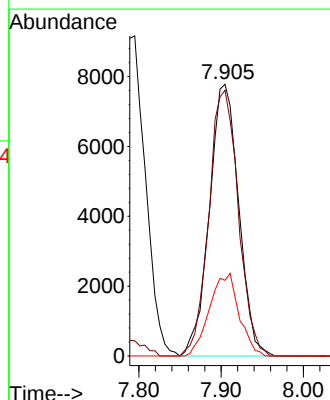
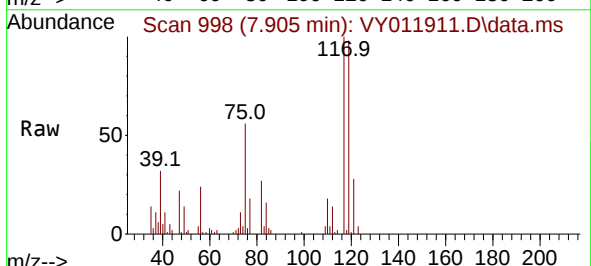
Delta R.T. -0.000 min

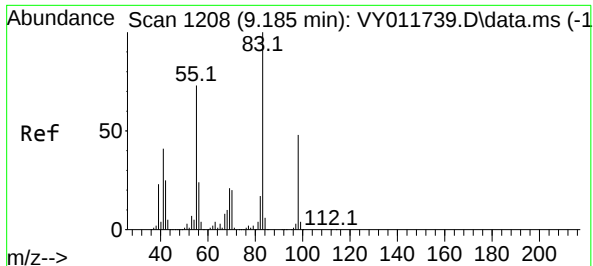
Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Tgt Ion:117 Resp: 19309

Ion	Ratio	Lower	Upper
117	100		
119	97.8	73.8	110.8
121	27.9	25.2	37.8





#39

Methylcyclohexane

Concen: 6.556 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

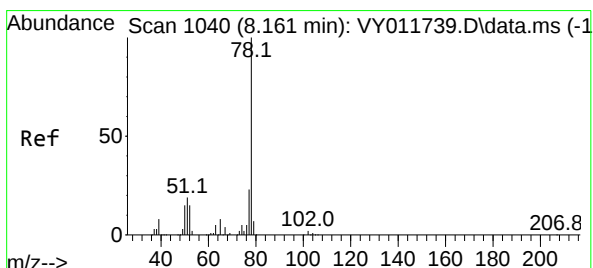
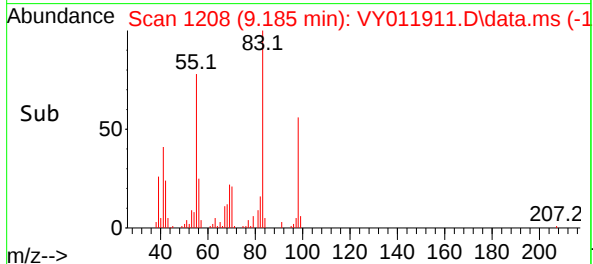
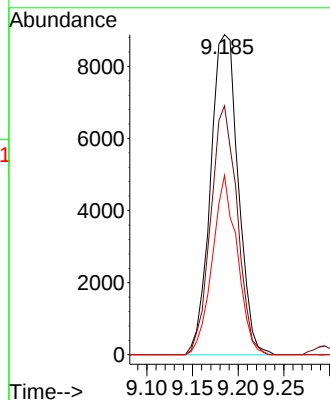
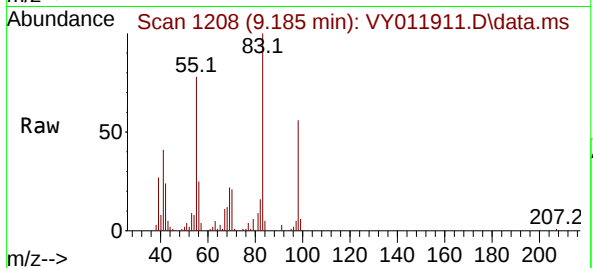
Tgt Ion: 83	Resp: 18720
Ion Ratio	Lower Upper
83 100	
55 77.8	58.2 87.2
98 56.0	38.6 58.0

Manual Integrations

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Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

Benzene

Concen: 6.231 ug/l

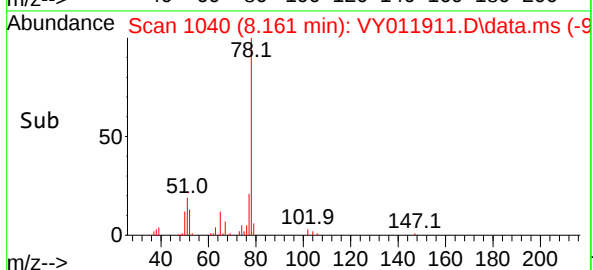
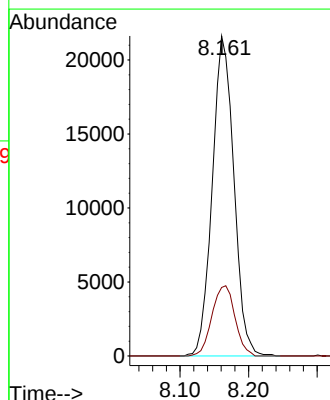
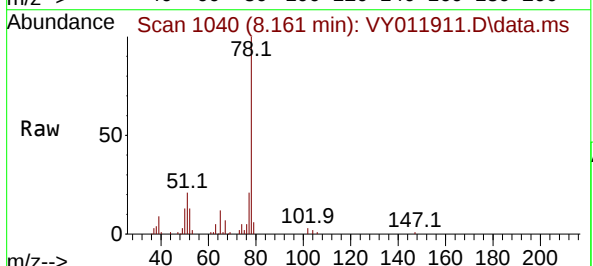
RT: 8.161 min Scan# 1040

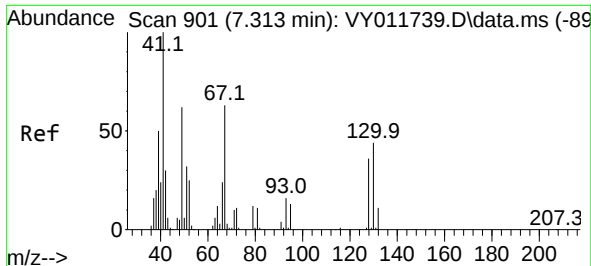
Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Tgt Ion: 78	Resp: 47254
Ion Ratio	Lower Upper
78 100	
77 21.4	18.6 27.8





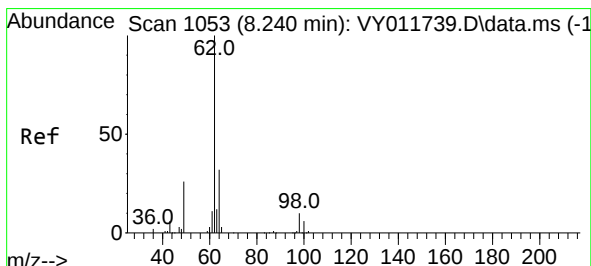
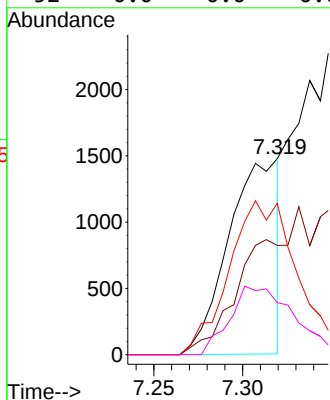
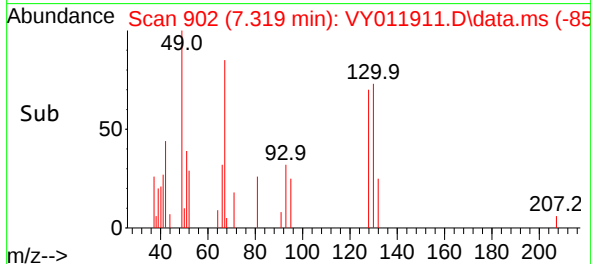
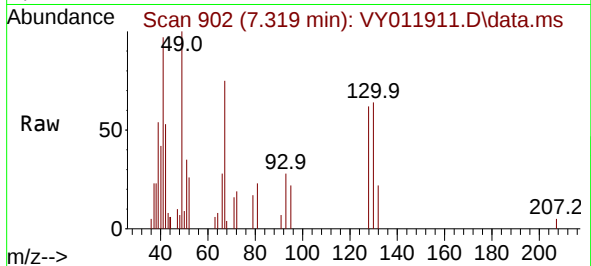
#41
Methacrylonitrile
Concen: 3.907 ug/l m
RT: 7.319 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 292
Ion Ratio Lower Upper
41 100
39 87.2 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

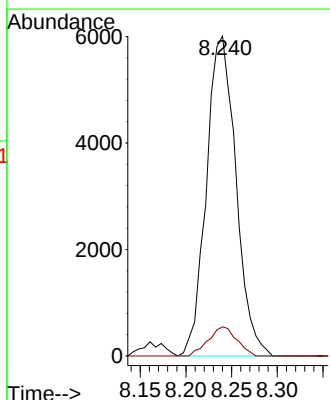
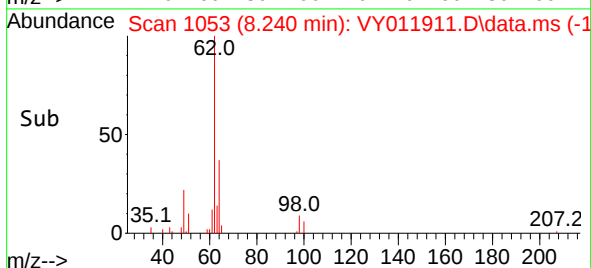
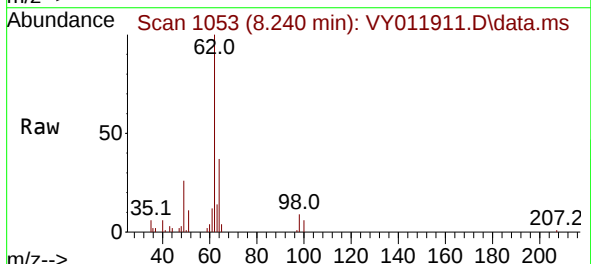
Manual Integrations
APPROVED

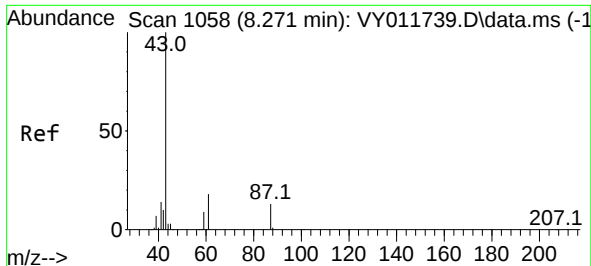
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#42
1,2-Dichloroethane
Concen: 5.774 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

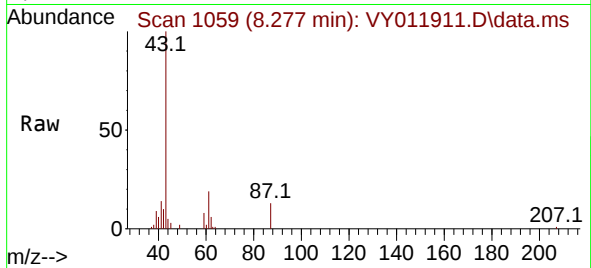
Tgt Ion: 62 Resp: 13541
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.6





#43
Isopropyl Acetate
Concen: 4.698 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

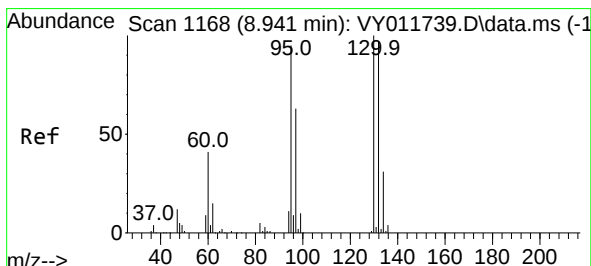
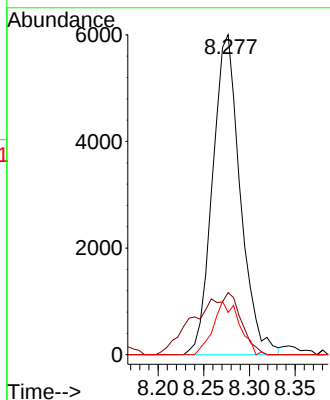
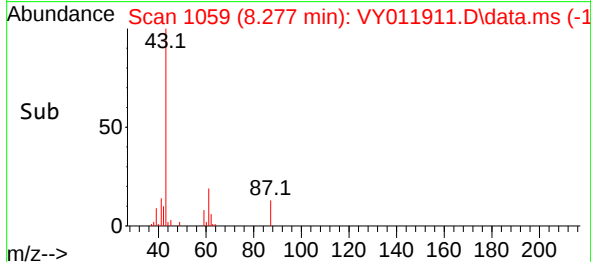
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 12644
Ion Ratio Lower Upper
43 100
61 32.2 24.4 36.6
87 15.8 11.4 17.2

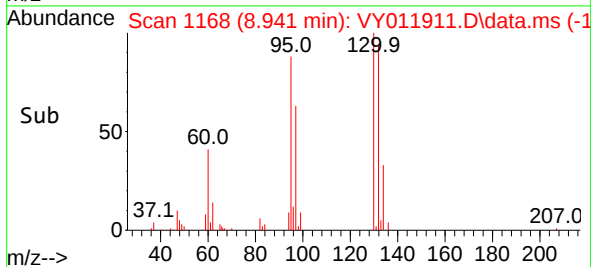
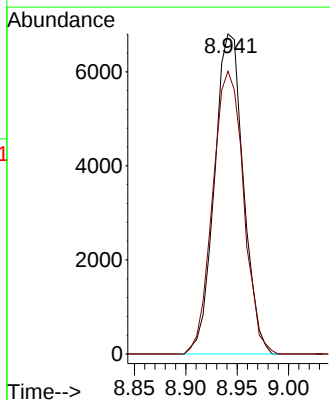
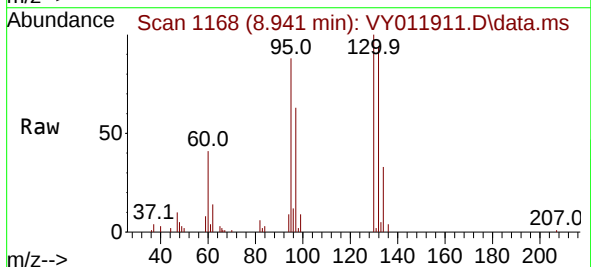
Manual Integrations
APPROVED

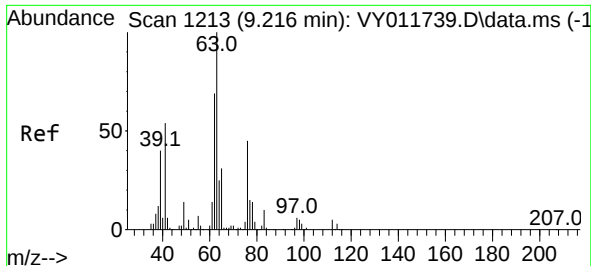
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#44
Trichloroethene
Concen: 6.268 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion:130 Resp: 13314
Ion Ratio Lower Upper
130 100
95 88.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 5.628 ug/l

RT: 9.215 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 1104

Ion Ratio Lower Upper

63 100

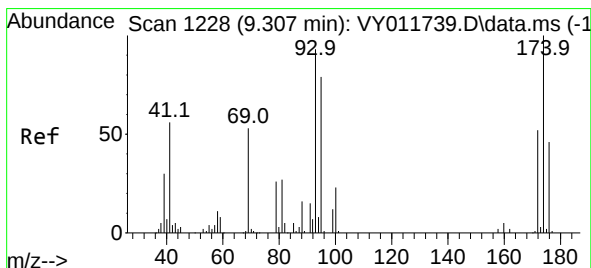
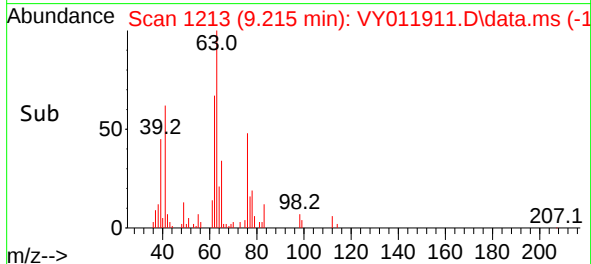
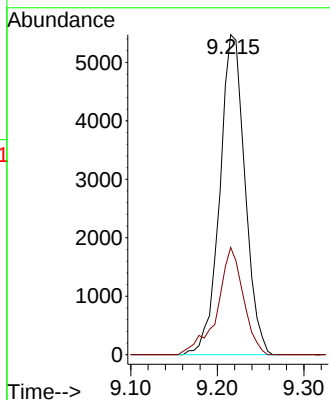
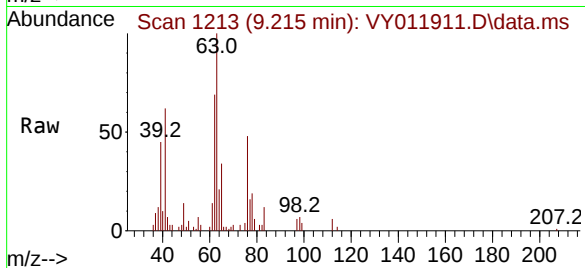
65 33.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 5.706 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

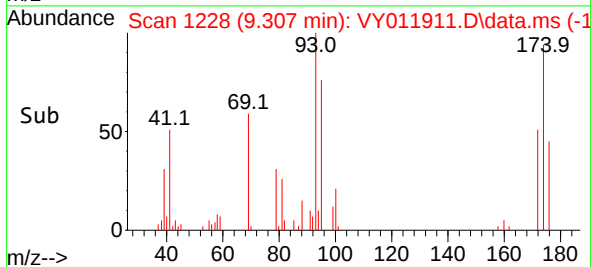
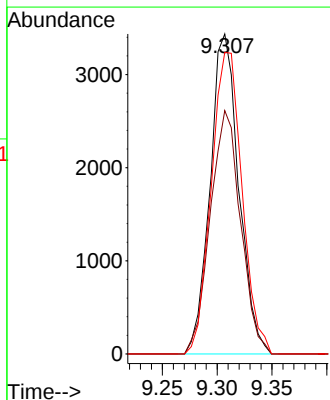
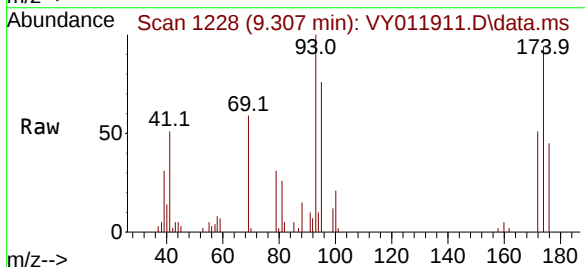
Tgt Ion: 93 Resp: 6269

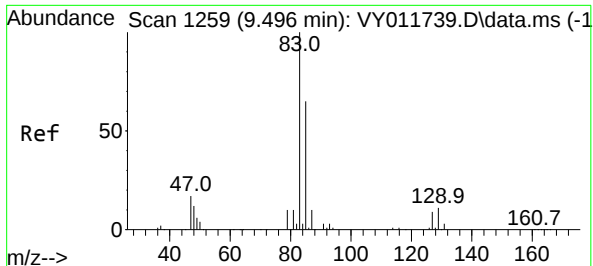
Ion Ratio Lower Upper

93 100

95 80.3 66.1 99.1

174 101.1 84.7 127.1





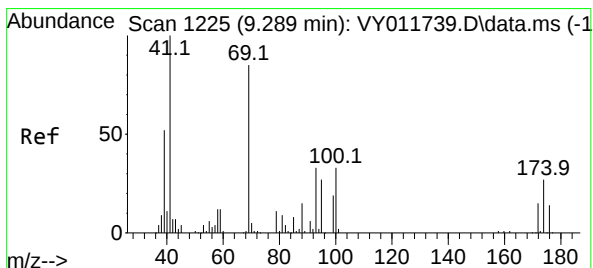
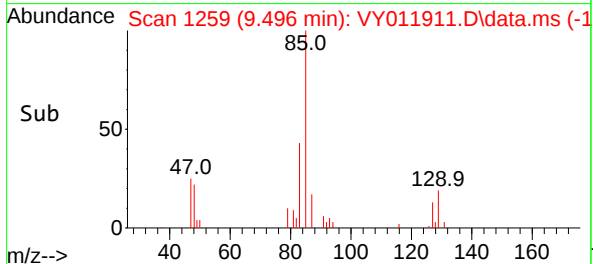
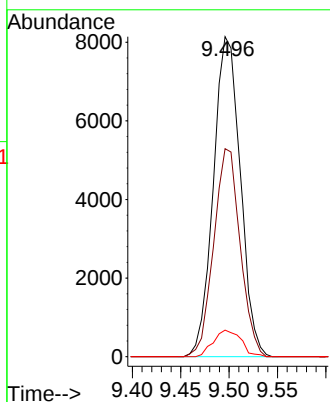
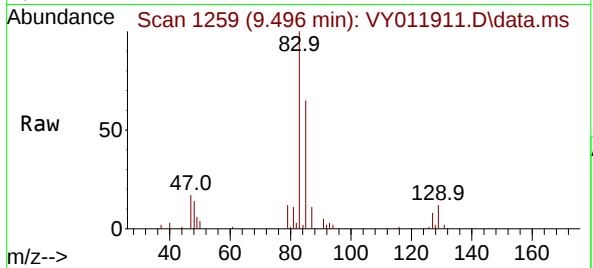
#47
Bromodichloromethane
Concen: 5.558 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 15770
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 8.3 7.3 10.9

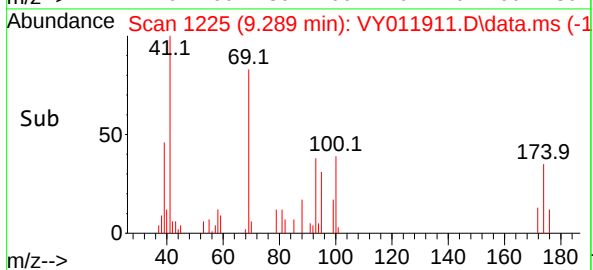
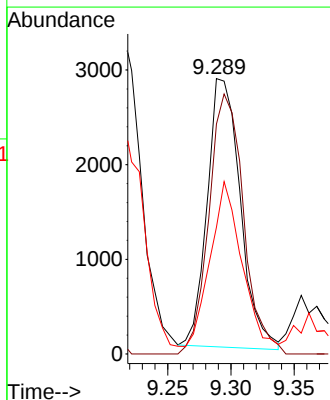
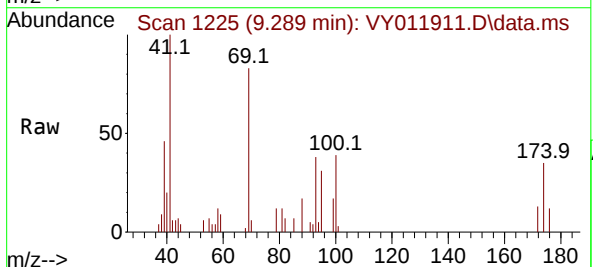
Manual Integrations
APPROVED

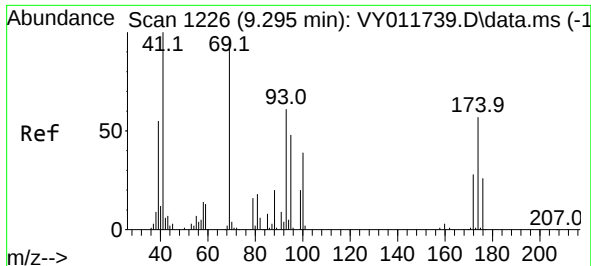
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#48
Methyl methacrylate
Concen: 4.350 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 41 Resp: 5160
Ion Ratio Lower Upper
41 100
69 101.1 74.2 111.2
39 63.9 46.3 69.5





#49

1,4-Dioxane

Concen: 80.281 ug/l

RT: 9.307 min Scan# 1226

Delta R.T. 0.012 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

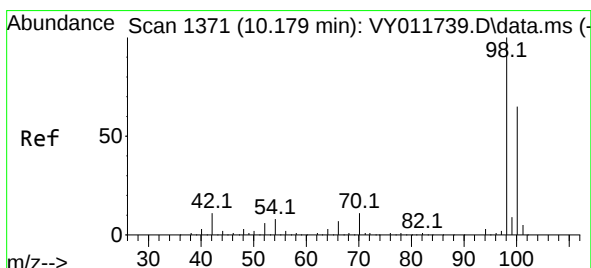
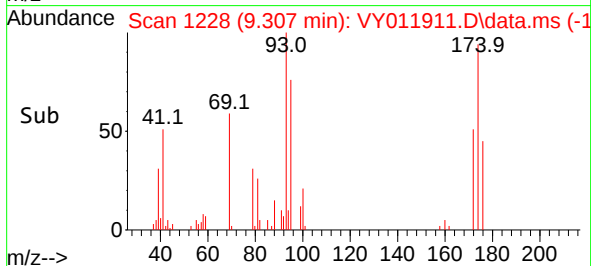
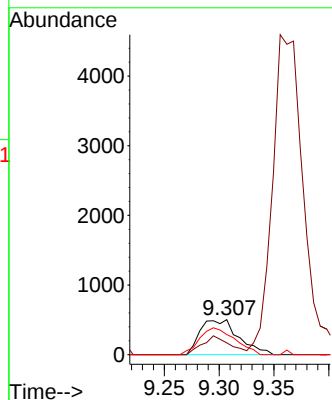
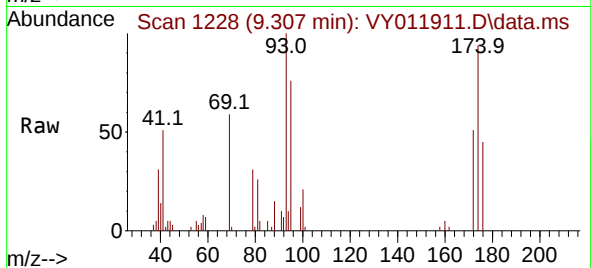
Tgt Ion:	88	Resp:	1226
Ion Ratio	Lower	Upper	
88	100		
43	39.2	26.2	39.2
58	70.5	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 7.010 ug/l

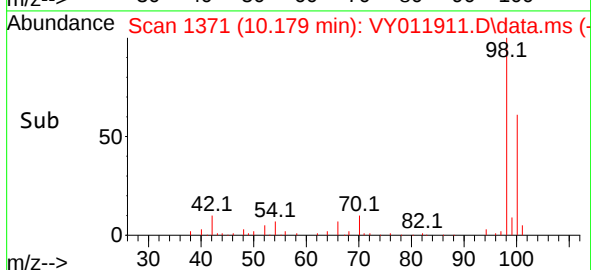
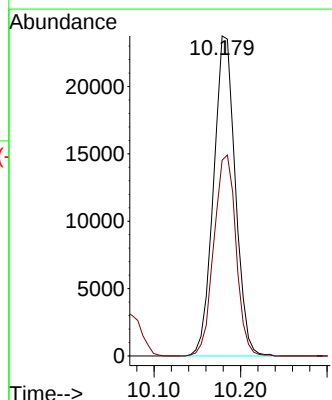
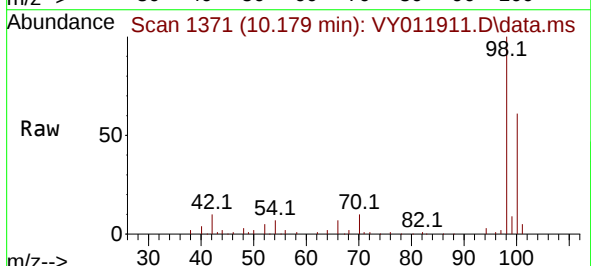
RT: 10.179 min Scan# 1371

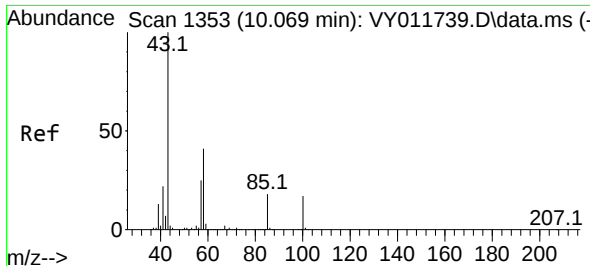
Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Tgt Ion:	98	Resp:	41488
Ion Ratio	Lower	Upper	
98	100		
100	63.8	51.9	77.9





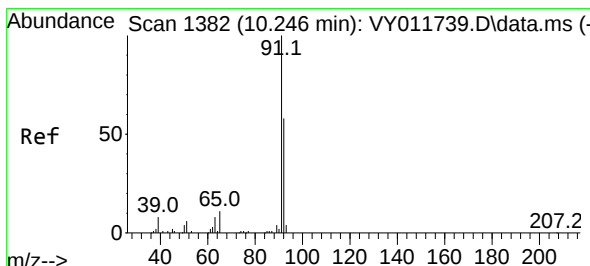
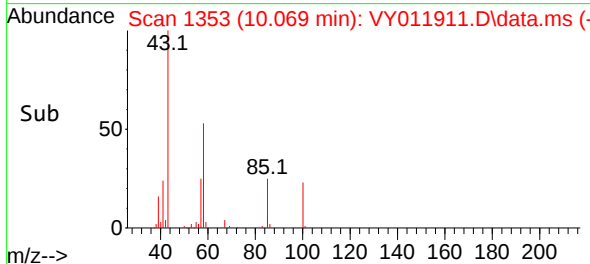
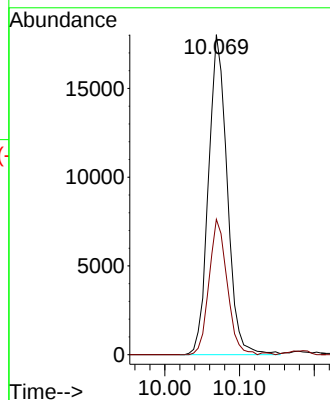
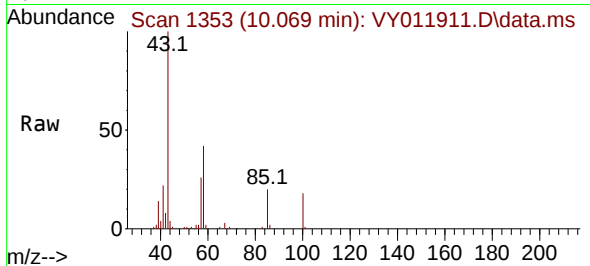
#51
4-Methyl-2-Pentanone
Concen: 21.181 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 31409
Ion Ratio Lower Upper
43 100
58 40.8 32.9 49.3

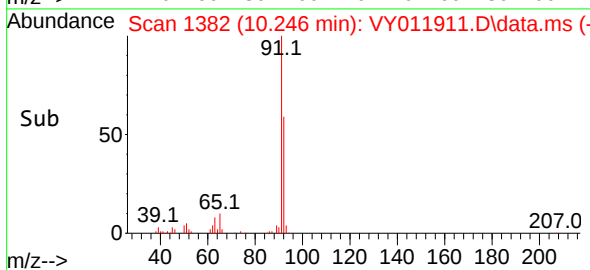
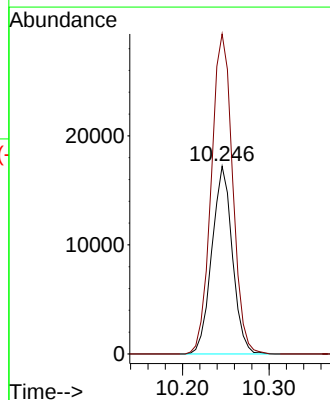
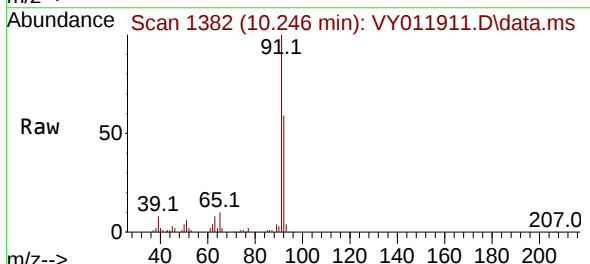
Manual Integrations
APPROVED

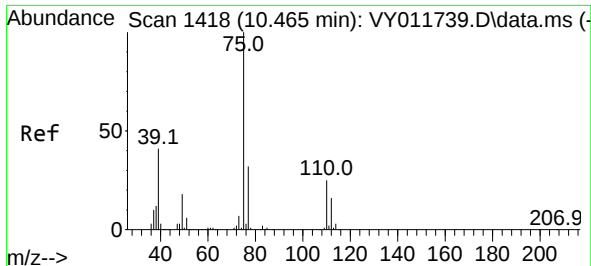
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#52
Toluene
Concen: 5.869 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 92 Resp: 28298
Ion Ratio Lower Upper
92 100
91 177.5 137.4 206.0





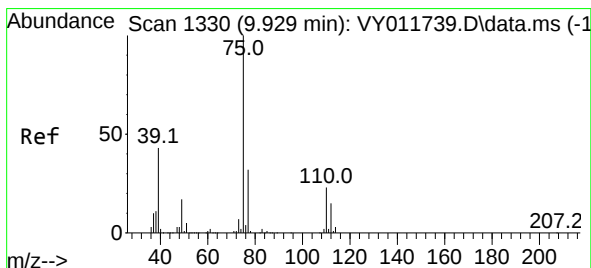
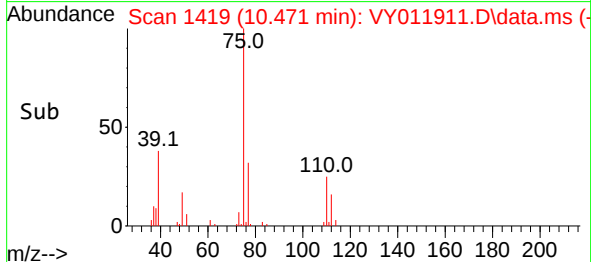
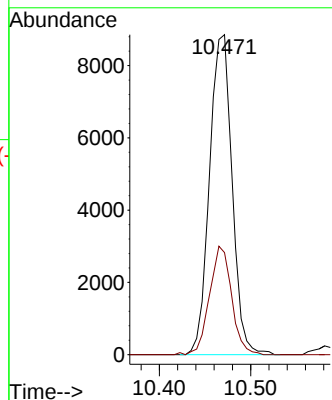
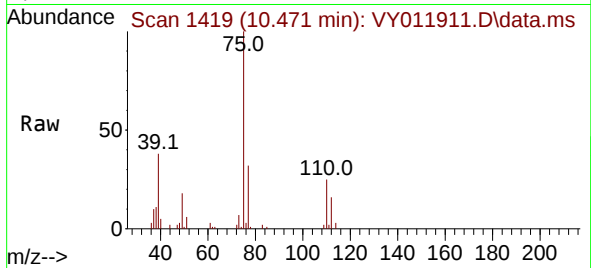
#53
 t-1,3-Dichloropropene
 Concen: 5.359 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 15194
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.8 38.8

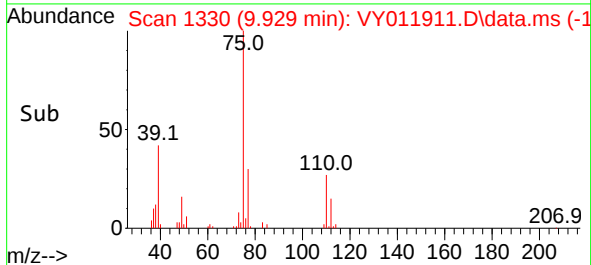
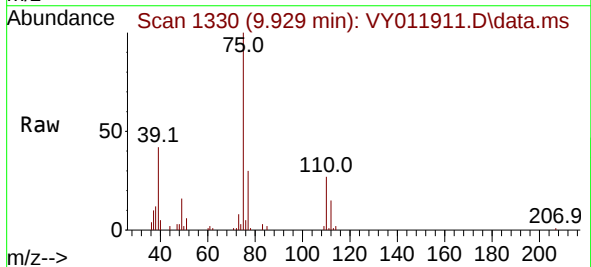
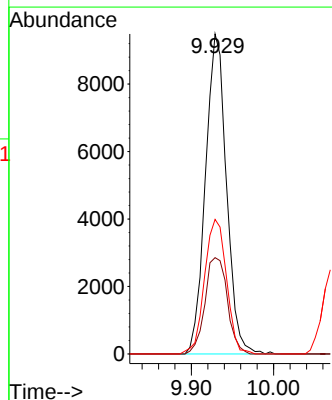
Manual Integrations
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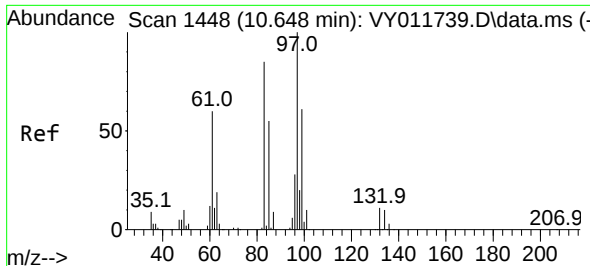
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 5.286 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21

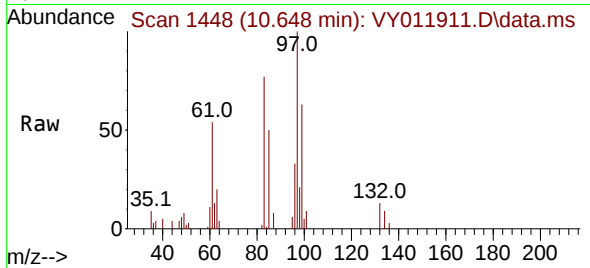
Tgt Ion: 75 Resp: 16839
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.9 38.9
 39 42.0 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 5.539 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

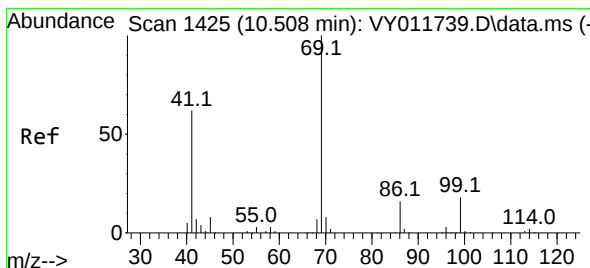
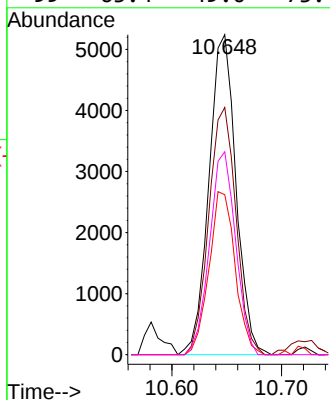
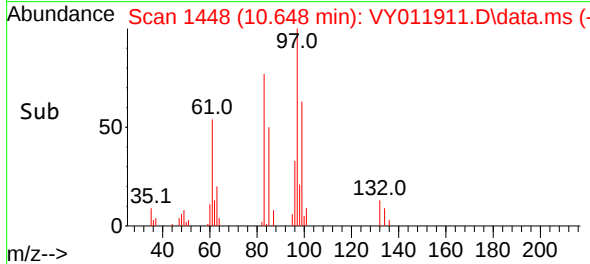
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



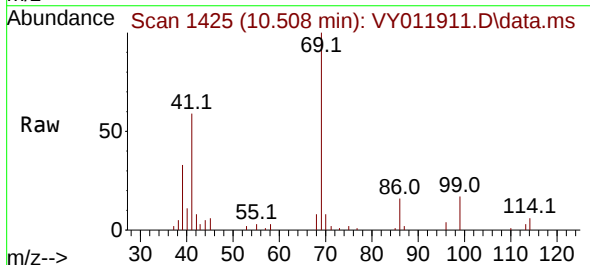
Tgt Ion:	97	Resp:	8990
Ion	Ratio	Lower	Upper
97	100		
83	77.2	67.7	101.5
85	50.0	43.8	65.8
99	63.4	49.0	73.4

Manual Integrations
APPROVED

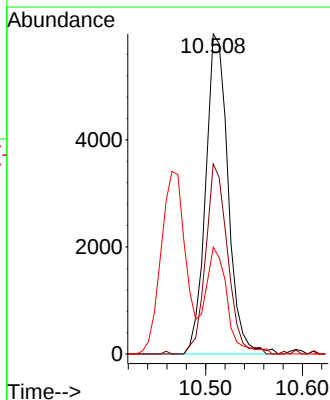
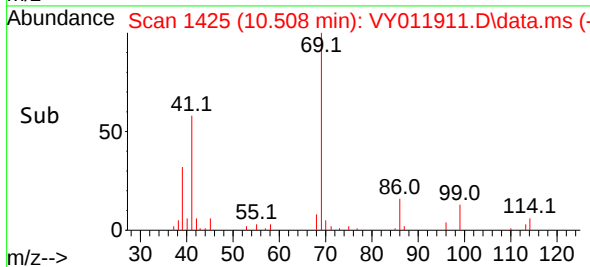
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

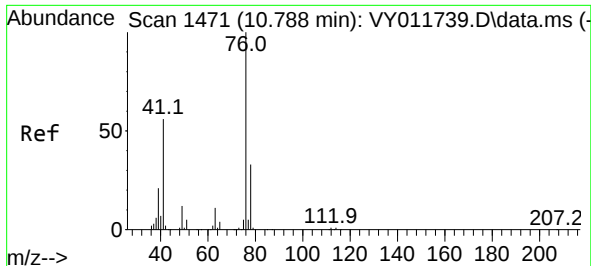


#56
Ethyl methacrylate
Concen: 4.602 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21



Tgt Ion:	69	Resp:	9648
Ion	Ratio	Lower	Upper
69	100		
41	58.2	48.9	73.3
39	32.4	25.9	38.9





#57

1,3-Dichloropropane

Concen: 5.280 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 1429

Ion Ratio Lower Upper

76 100

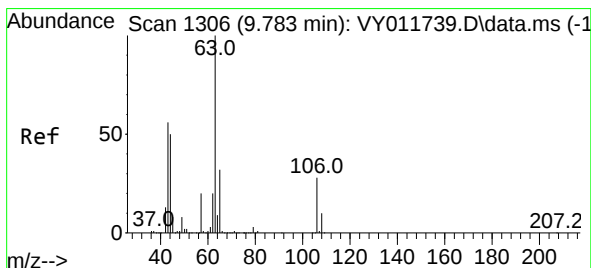
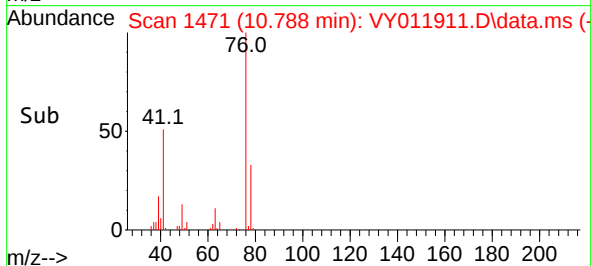
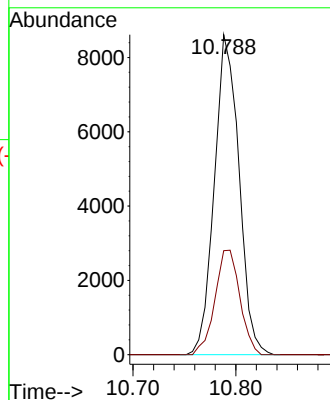
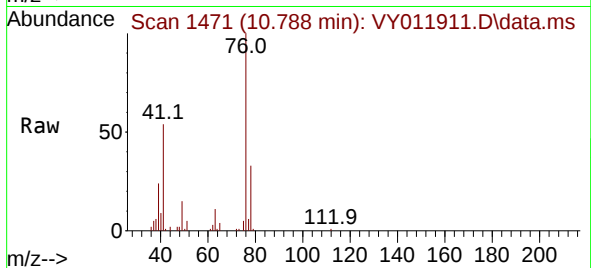
78 33.2 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 21.647 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011911.D

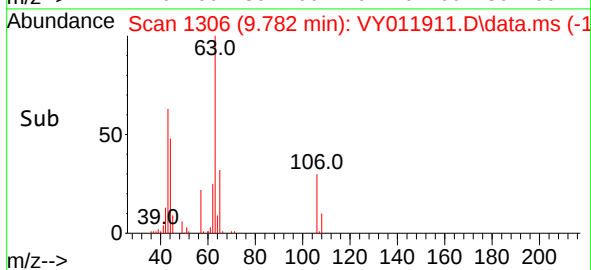
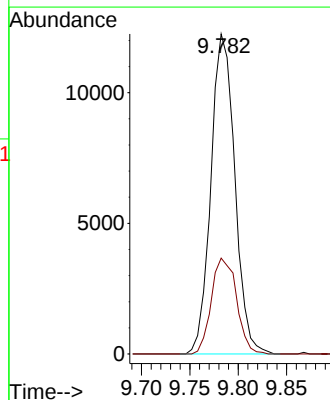
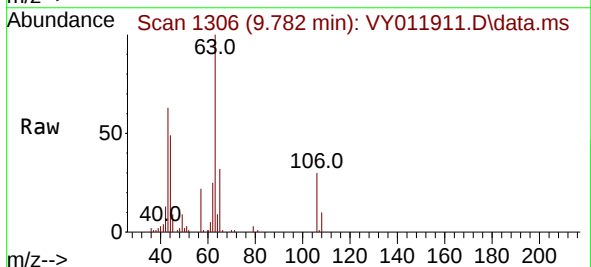
Acq: 20 Dec 2022 10:21

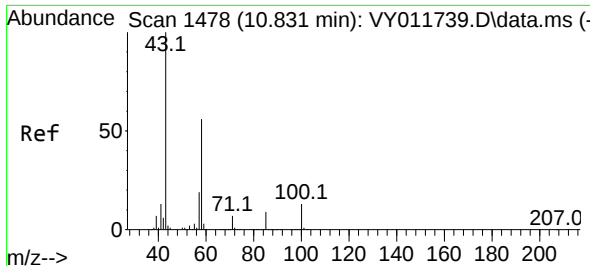
Tgt Ion: 63 Resp: 21043

Ion Ratio Lower Upper

63 100

106 31.5 23.2 34.8





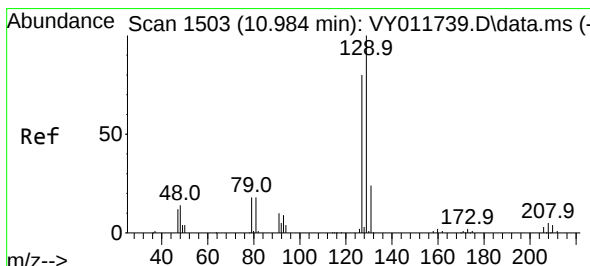
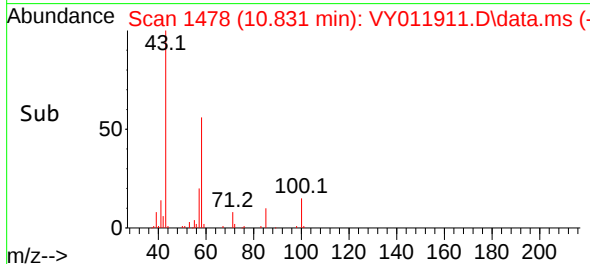
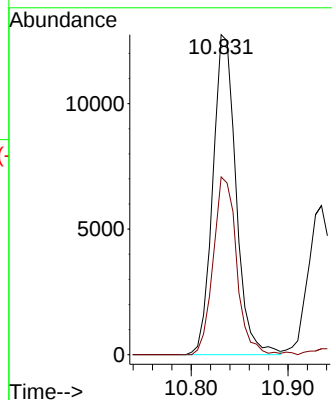
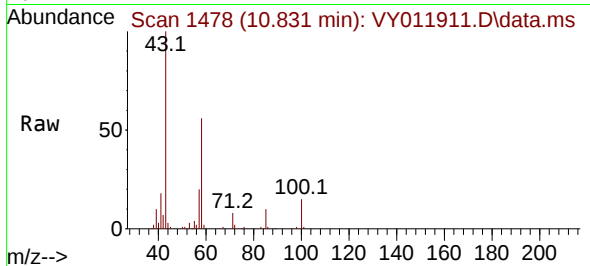
#59
2-Hexanone
Concen: 20.050 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2124
Ion Ratio Lower Upper
43 100
58 56.2 28.4 85.2

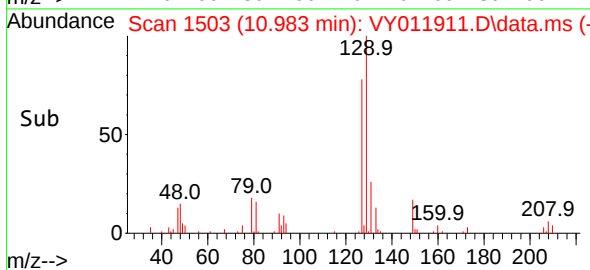
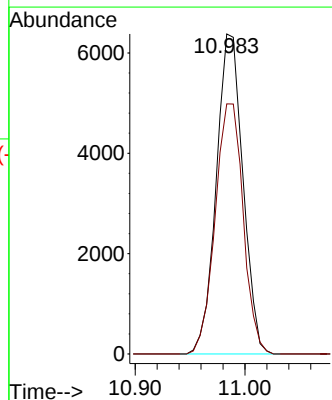
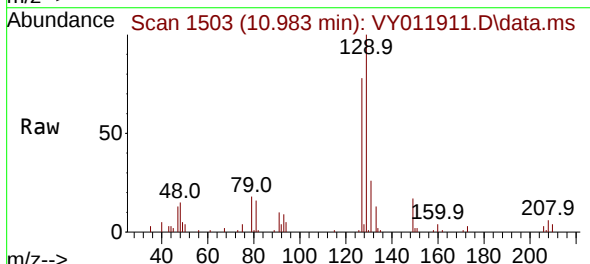
Manual Integrations
APPROVED

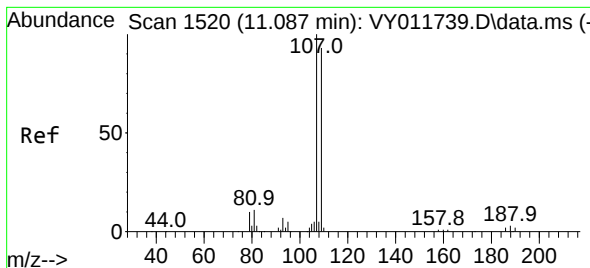
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
Dibromochloromethane
Concen: 5.306 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion:129 Resp: 10793
Ion Ratio Lower Upper
129 100
127 82.1 38.9 116.6





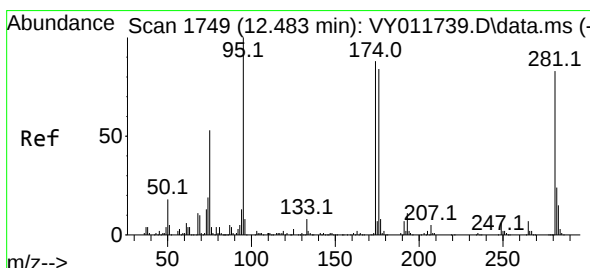
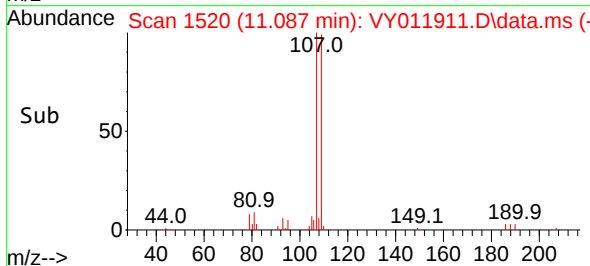
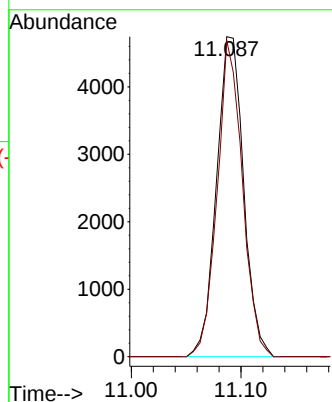
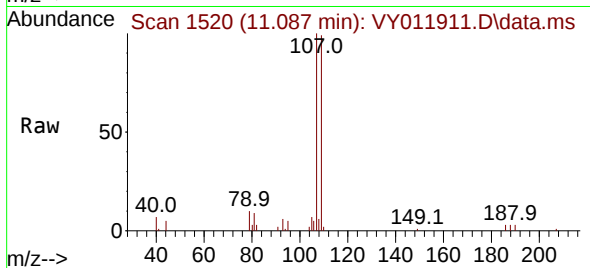
#61
1,2-Dibromoethane
Concen: 5.539 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 8149
Ion Ratio Lower Upper
107 100
109 91.8 75.8 113.6

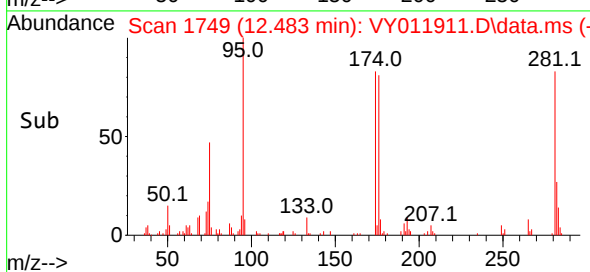
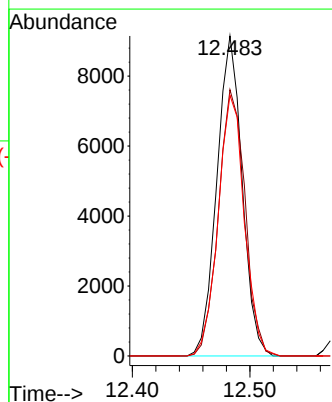
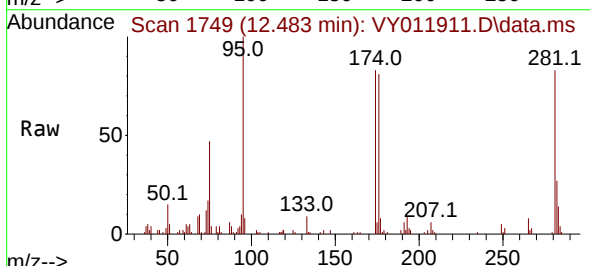
Manual Integrations
APPROVED

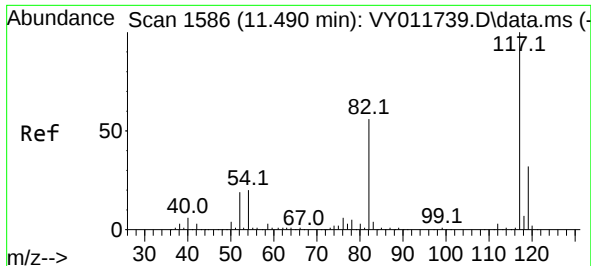
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#62
4-Bromofluorobenzene
Concen: 6.020 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

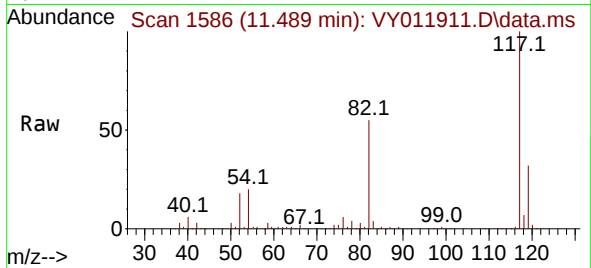
Tgt Ion: 95 Resp: 13680
Ion Ratio Lower Upper
95 100
174 87.4 0.0 172.0
176 84.6 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

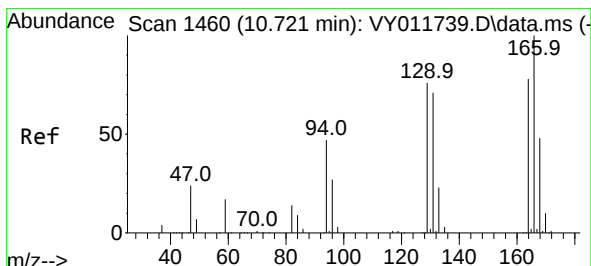
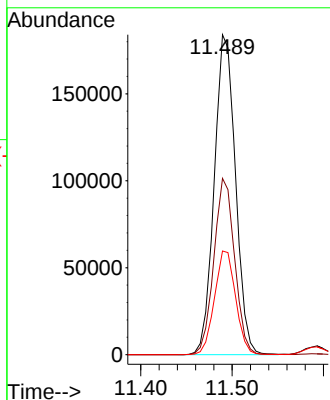
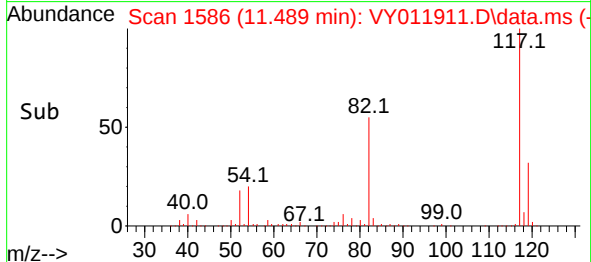
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



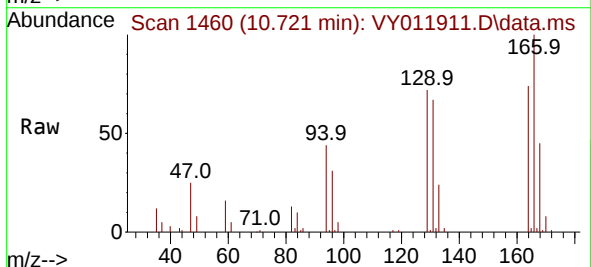
Tgt Ion:117 Resp: 29779
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 32.4 25.4 38.2

Manual Integrations
APPROVED

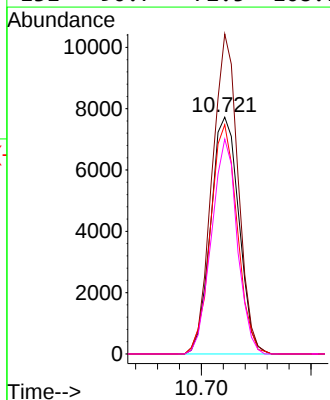
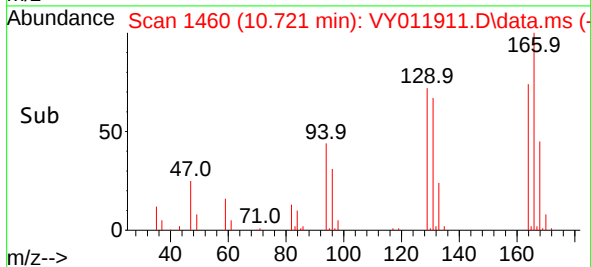
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

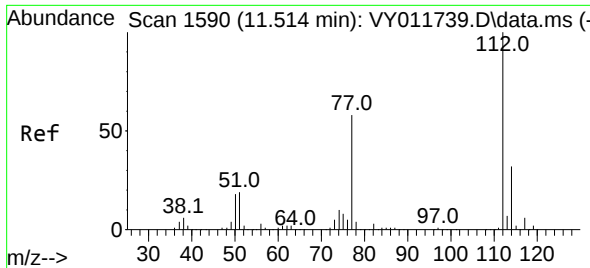


#64
Tetrachloroethene
Concen: 6.546 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21



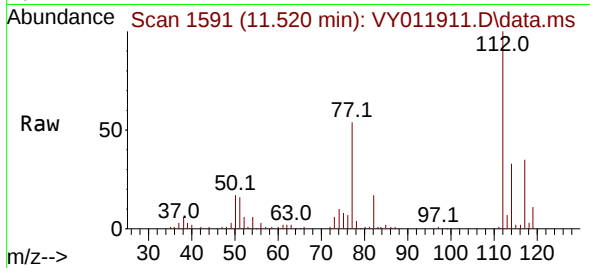
Tgt Ion:164 Resp: 13791
Ion Ratio Lower Upper
164 100
166 135.1 102.3 153.5
129 96.8 77.2 115.8
131 90.7 72.5 108.7





#65
Chlorobenzene
Concen: 5.941 ug/l
RT: 11.520 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

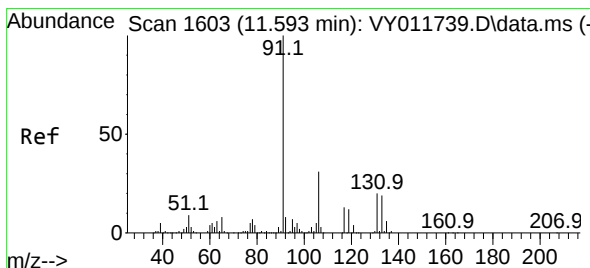
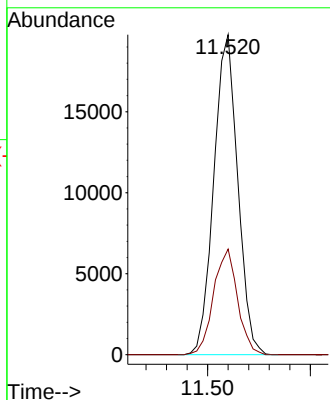
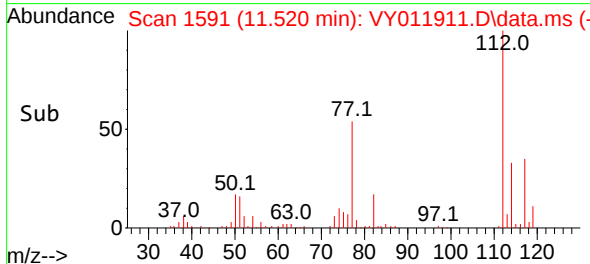
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



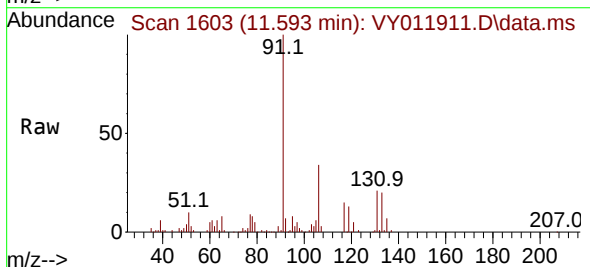
Tgt Ion:112 Resp: 31879
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9

Manual Integrations
APPROVED

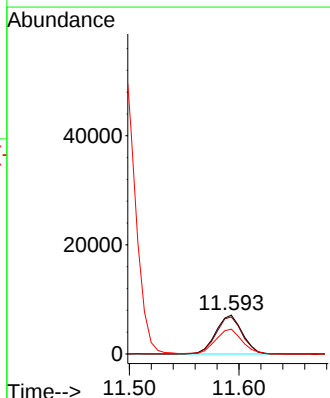
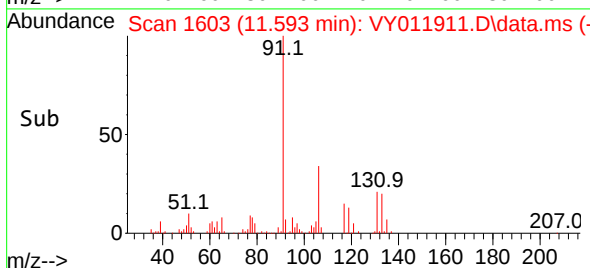
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

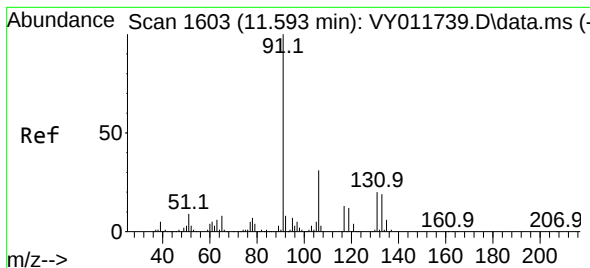


#66
1,1,1,2-Tetrachloroethane
Concen: 5.722 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21



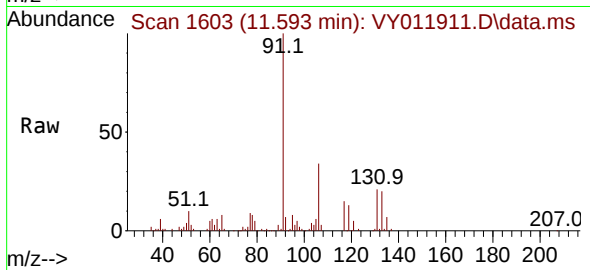
Tgt Ion:131 Resp: 11910
Ion Ratio Lower Upper
131 100
133 94.6 47.3 142.0
119 64.0 32.1 96.3





#67
Ethyl Benzene
Concen: 5.696 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

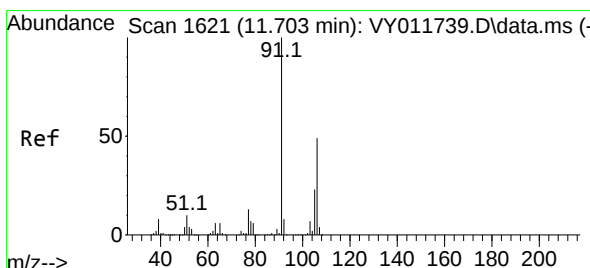
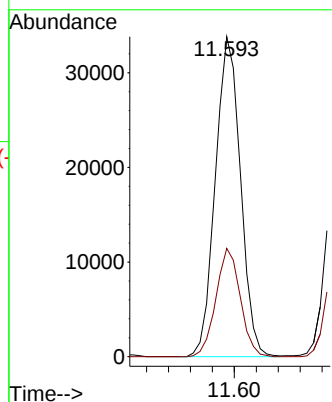
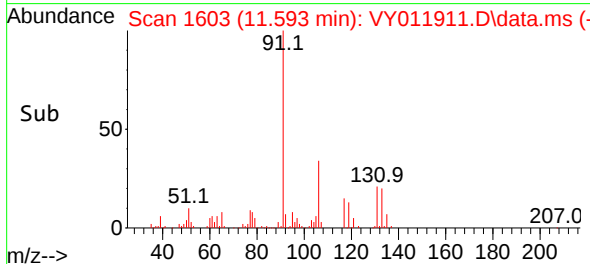
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



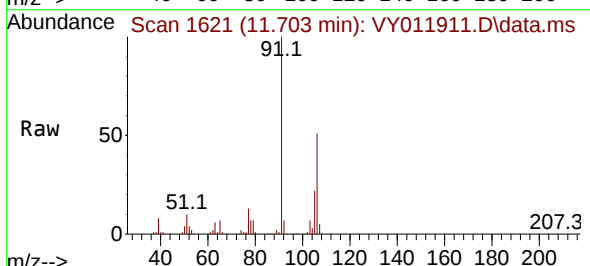
Tgt Ion: 91 Resp: 53849
Ion Ratio Lower Upper
91 100
106 33.8 25.0 37.4

Manual Integrations
APPROVED

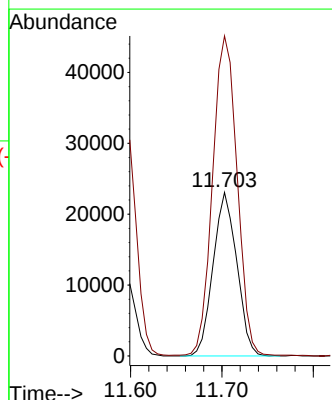
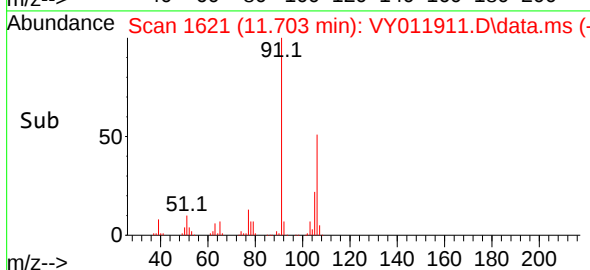
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

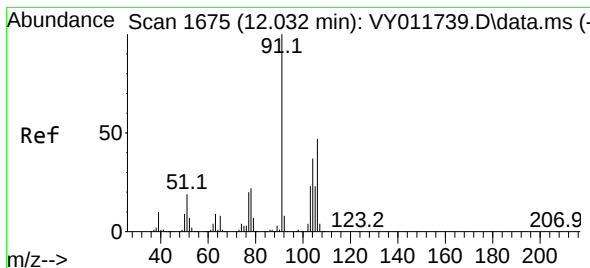


#68
m/p-Xylenes
Concen: 11.478 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21



Tgt Ion:106 Resp: 41559
Ion Ratio Lower Upper
106 100
91 203.3 162.5 243.7





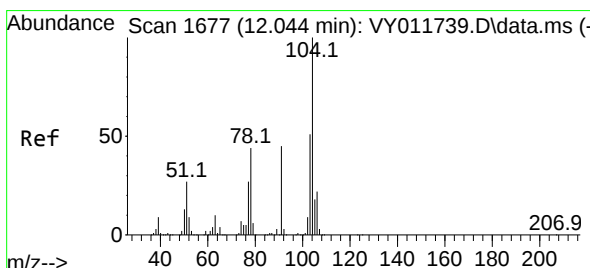
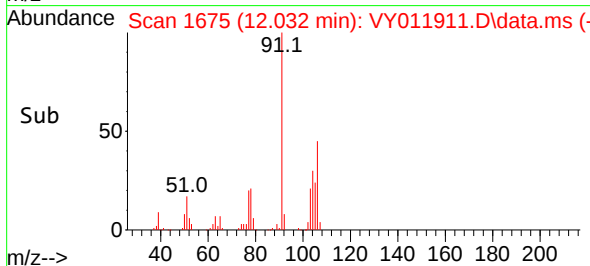
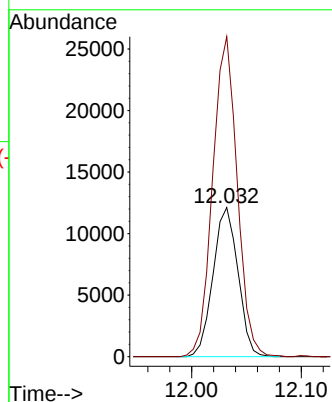
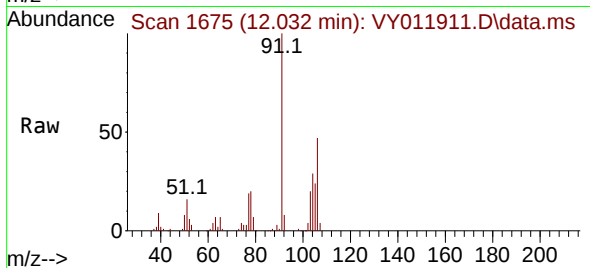
#69
o-Xylene
Concen: 5.550 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 1915
Ion Ratio Lower Upper
106 100
91 211.2 107.5 322.4

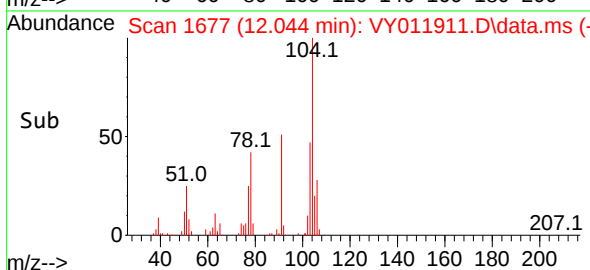
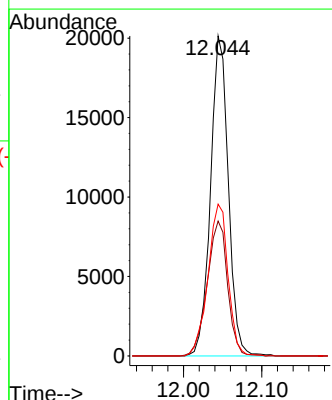
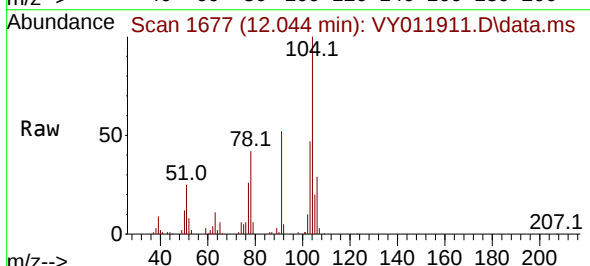
Manual Integrations
APPROVED

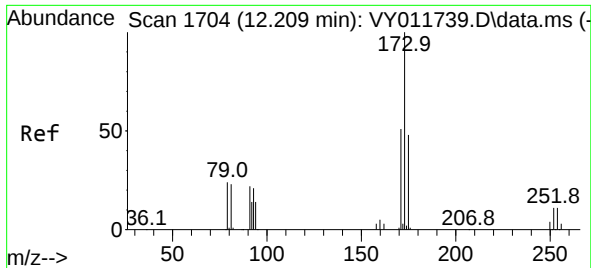
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 5.401 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion:104 Resp: 31815
Ion Ratio Lower Upper
104 100
78 48.3 39.4 59.0
103 53.4 43.0 64.4





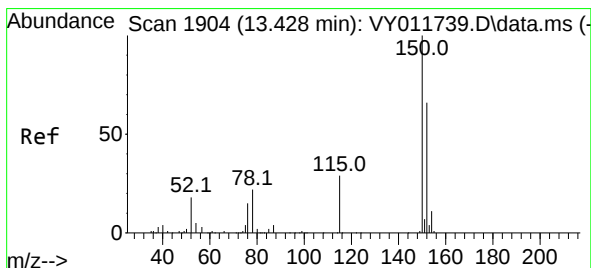
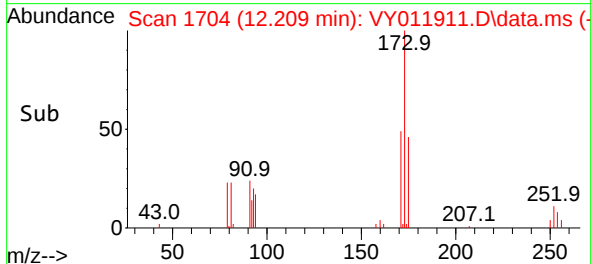
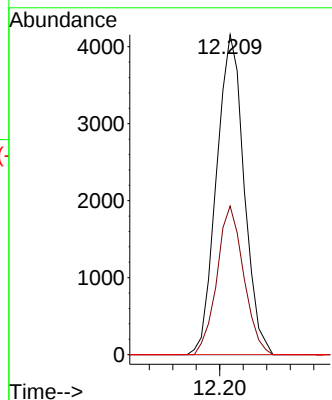
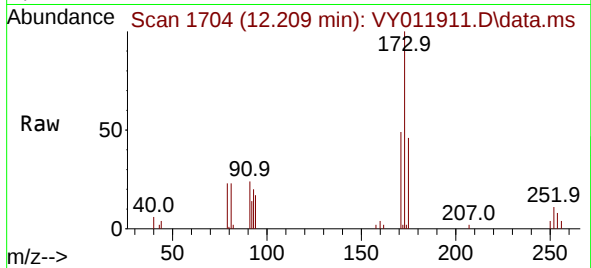
#71
Bromoform
Concen: 5.263 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 6758
Ion Ratio Lower Upper
173 100
175 45.0 23.8 71.5
254 0.0 0.1 0.1

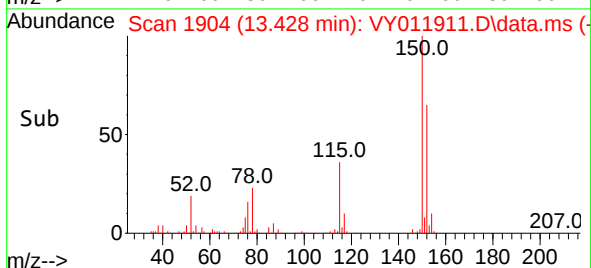
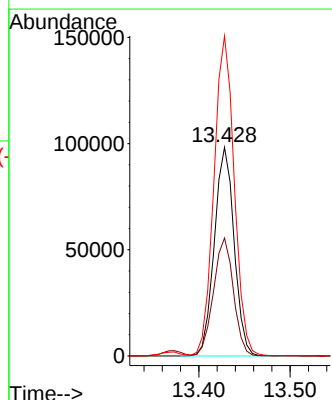
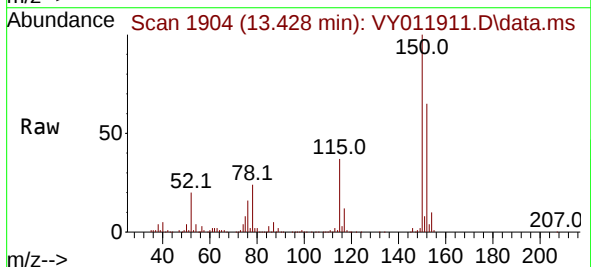
Manual Integrations
APPROVED

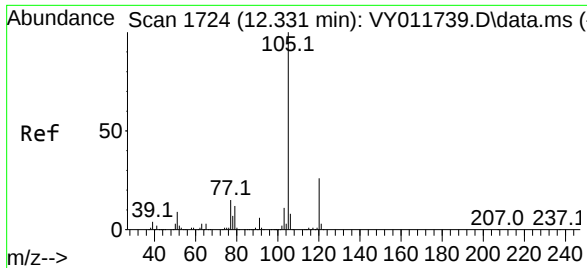
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

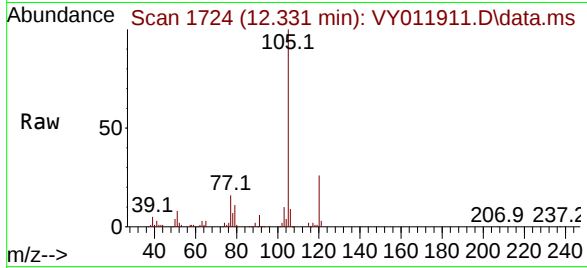
Tgt Ion:152 Resp: 147606
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.3
150 156.9 0.0 342.6





#73
Isopropylbenzene
Concen: 5.306 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

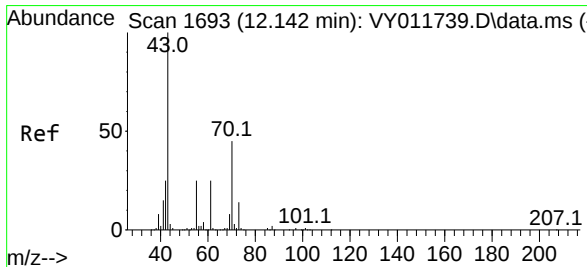
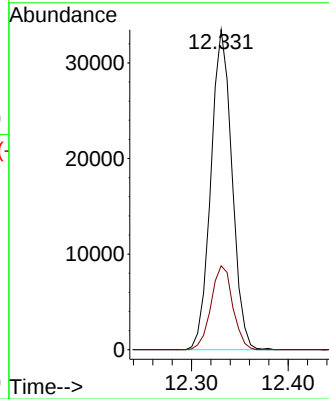
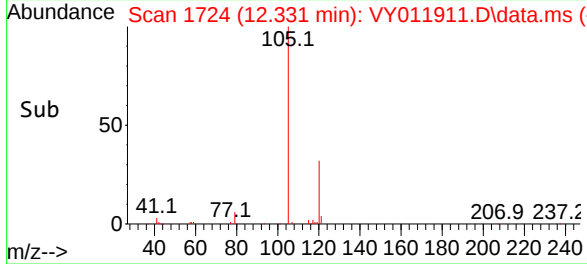
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



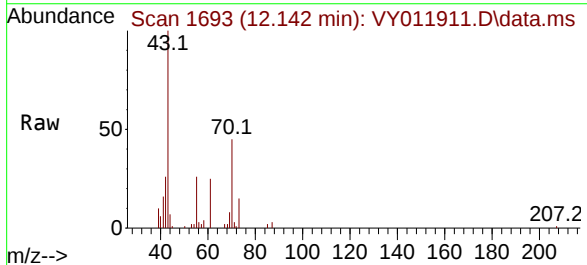
Tgt Ion: 105 Resp: 5074
Ion Ratio Lower Upper
105 100
120 26.9 13.2 39.6

Manual Integrations
APPROVED

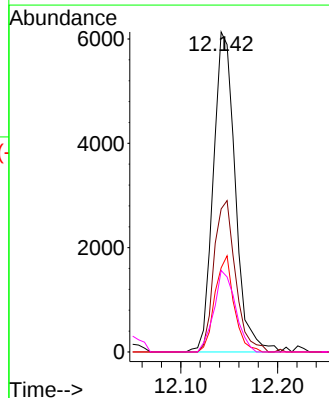
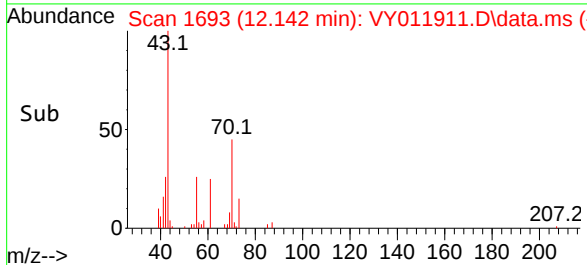
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

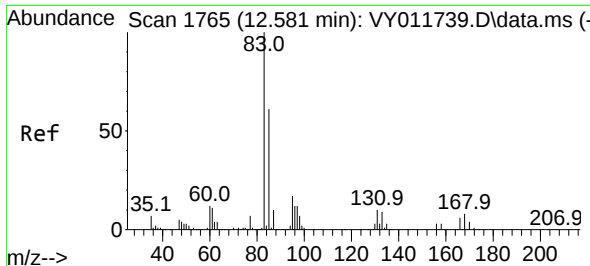


#74
N-ethyl acetate
Concen: 4.193 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21



Tgt Ion: 43 Resp: 9640
Ion Ratio Lower Upper
43 100
70 46.4 35.8 53.8
55 26.1 21.0 31.4
61 24.9 20.0 30.0





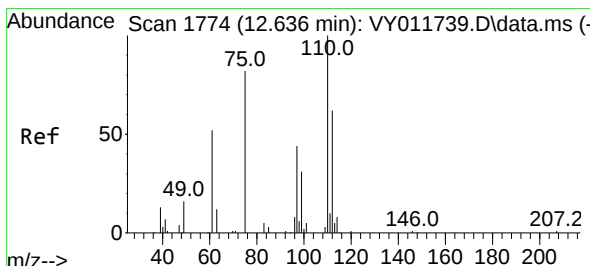
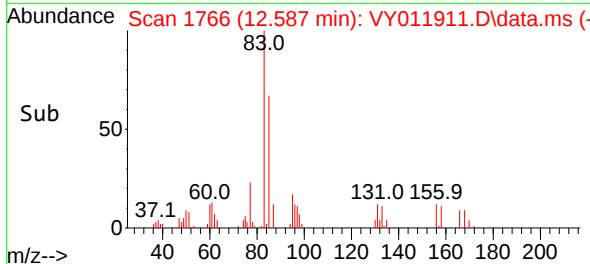
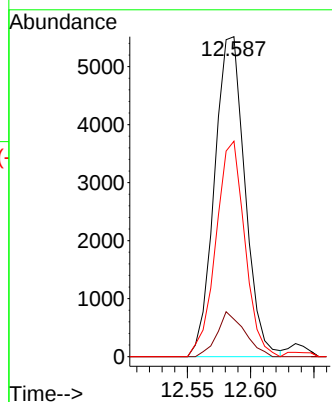
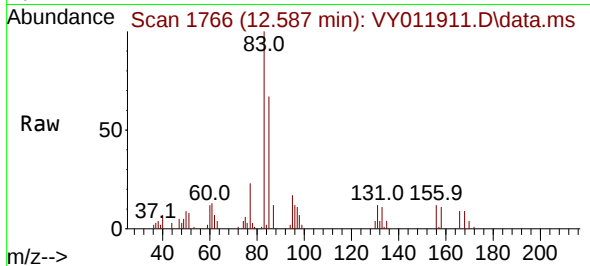
#75
1,1,2,2-Tetrachloroethane
Concen: 4.953 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 83 Resp: 9225
Ion Ratio Lower Upper
83 100
131 12.7 5.6 16.8
85 63.8 32.3 96.8

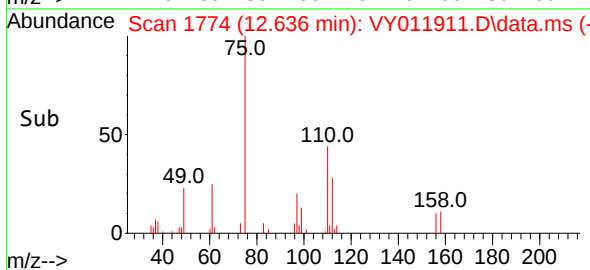
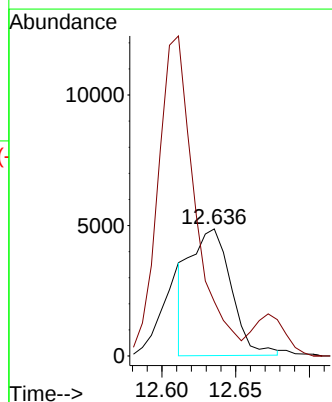
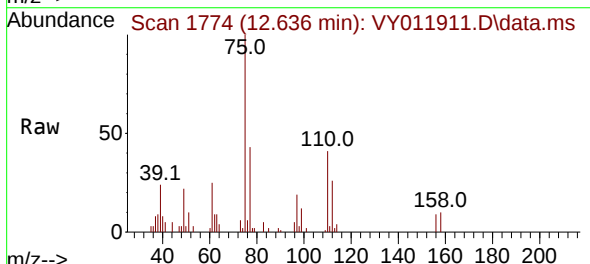
Manual Integrations
APPROVED

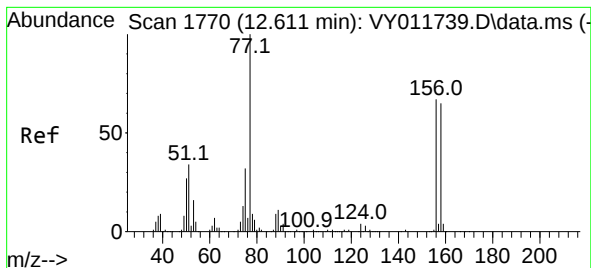
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#76
1,2,3-Trichloropropane
Concen: 6.316 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 75 Resp: 9432
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.567 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

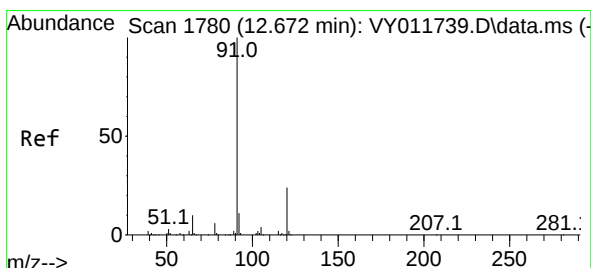
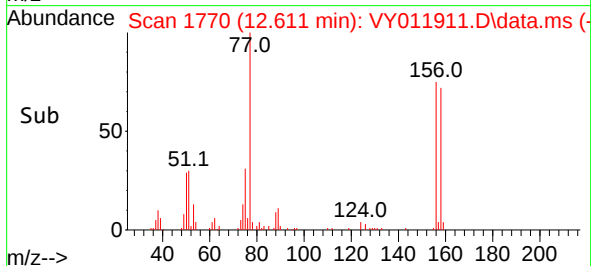
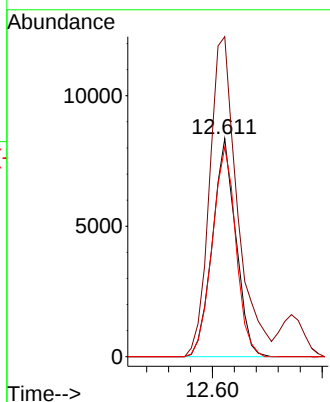
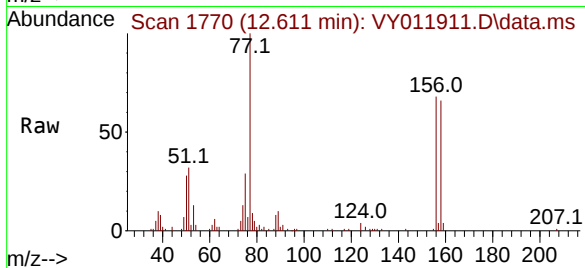
Tgt Ion:	156	Resp:	12430
Ion Ratio	Lower	Upper	
156	100		
77	173.8	90.0	270.0
158	97.2	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#78

n-propylbenzene

Concen: 5.392 ug/l

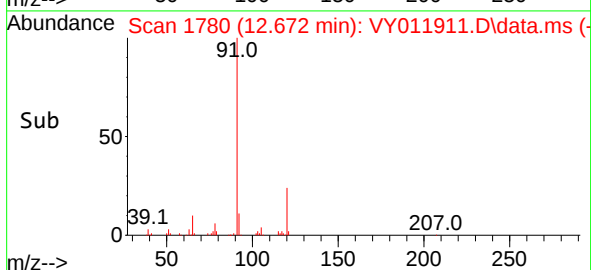
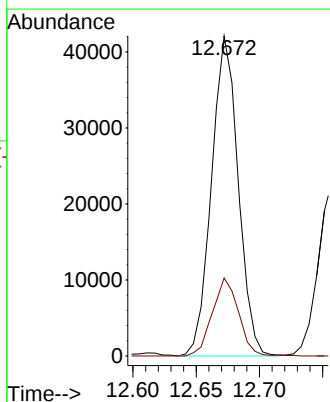
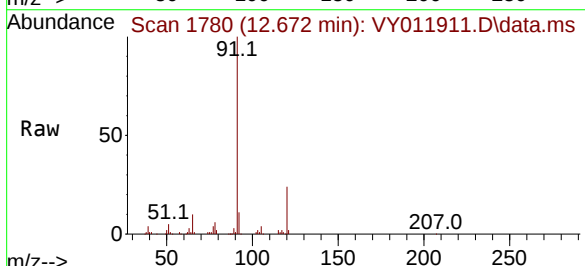
RT: 12.672 min Scan# 1780

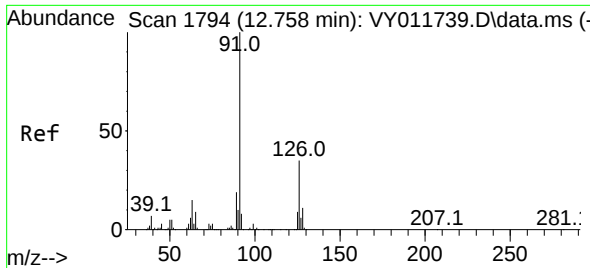
Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Tgt Ion:	91	Resp:	61794
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.8	35.4





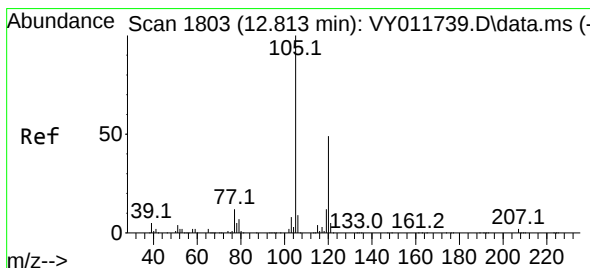
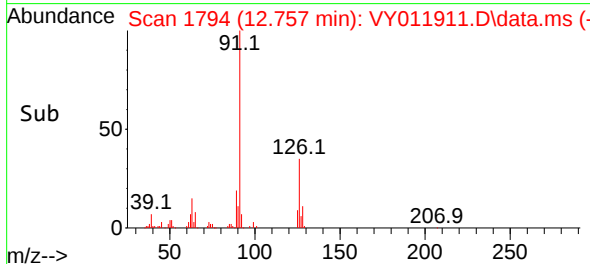
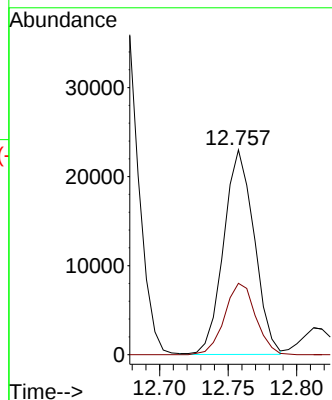
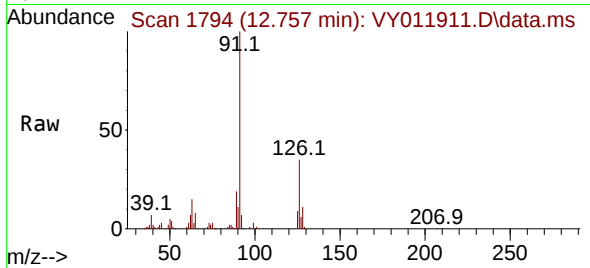
#79
2-Chlorotoluene
Concen: 5.459 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 3570
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.5

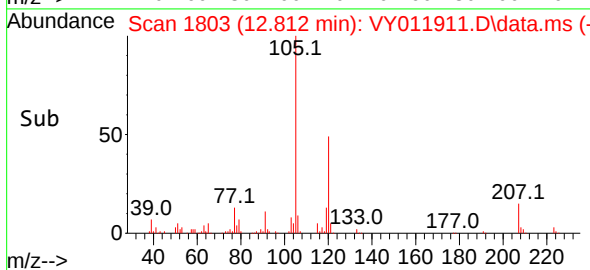
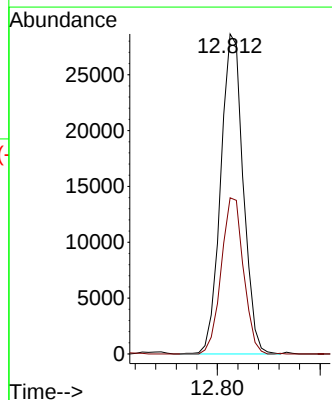
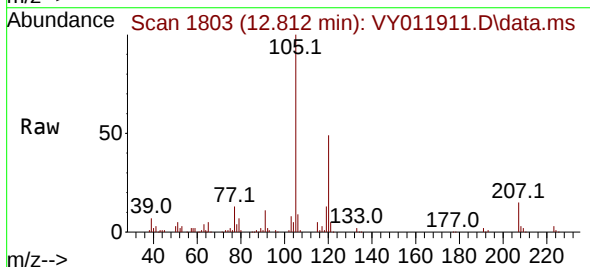
Manual Integrations
APPROVED

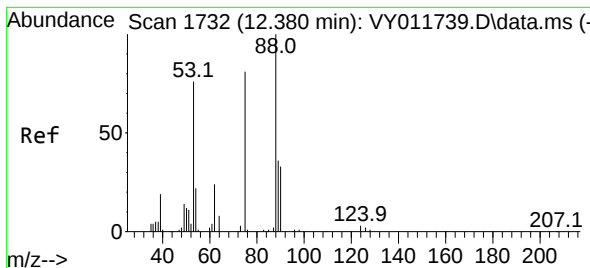
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.380 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

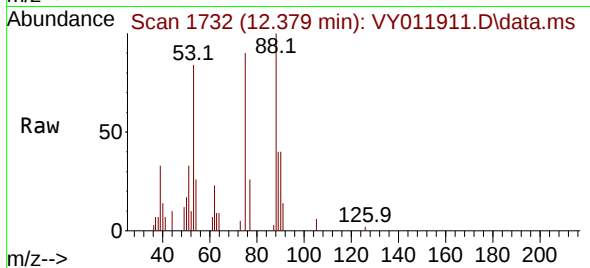
Tgt Ion:105 Resp: 43487
Ion Ratio Lower Upper
105 100
120 48.2 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.679 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

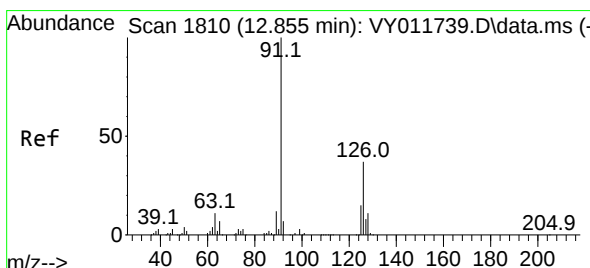
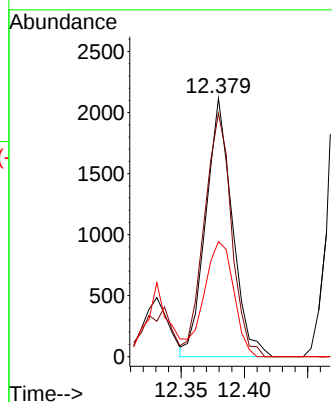
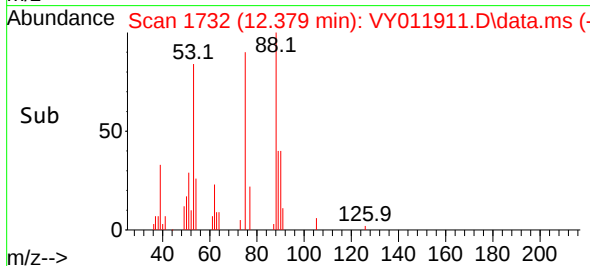
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 3079
Ion Ratio Lower Upper
75 100
53 97.2 72.5 108.7
89 48.7 37.0 55.4

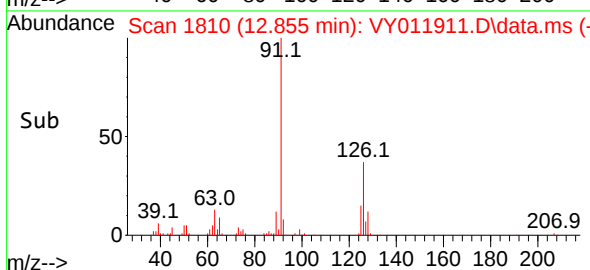
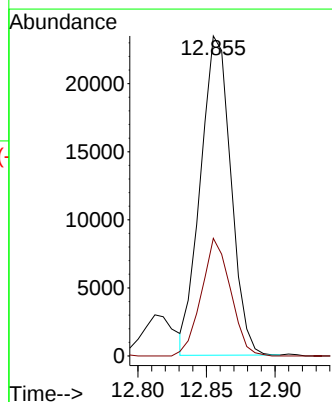
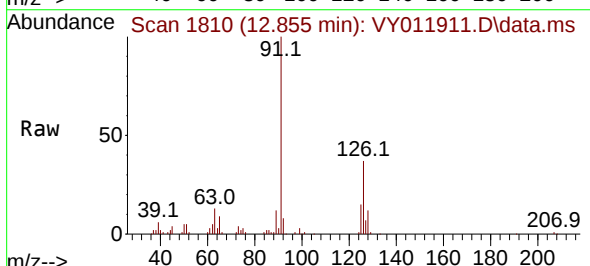
Manual Integrations
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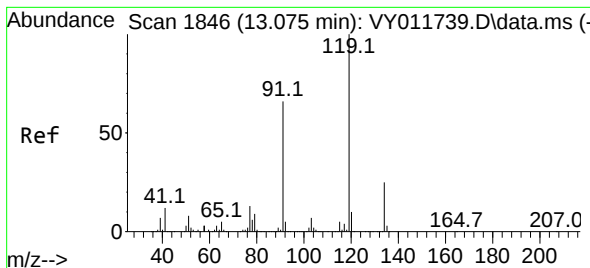
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 5.330 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 91 Resp: 36162
Ion Ratio Lower Upper
91 100
126 35.3 17.1 51.2





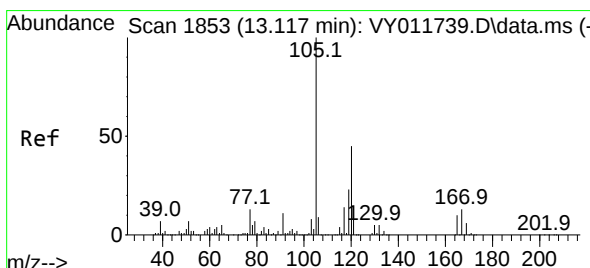
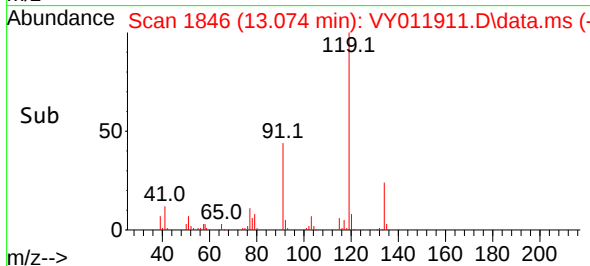
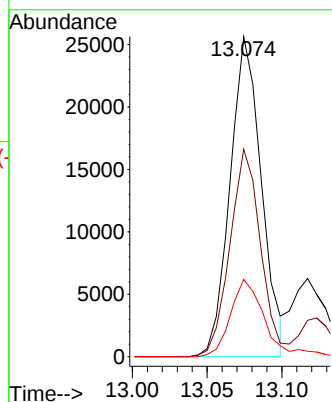
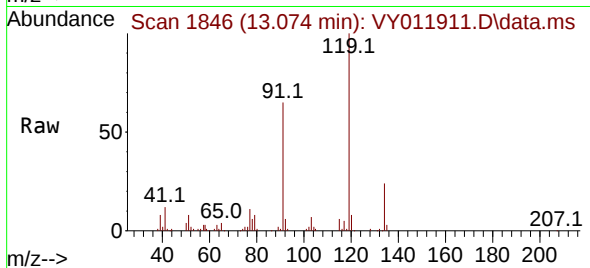
#83
tert-Butylbenzene
Concen: 5.311 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument : MSVOA_Y
ClientSampleId : VSTDIC005

Tgt Ion:119 Resp: 37379
Ion Ratio Lower Upper
119 100
91 63.9 32.3 96.8
134 26.3 13.0 39.0

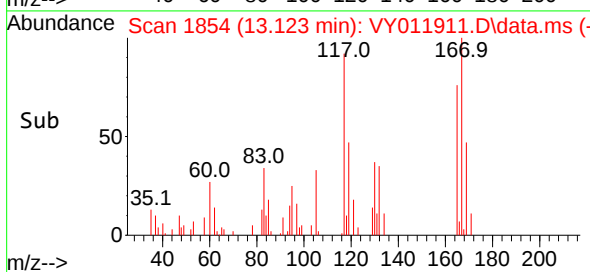
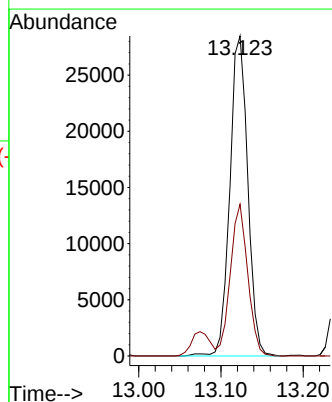
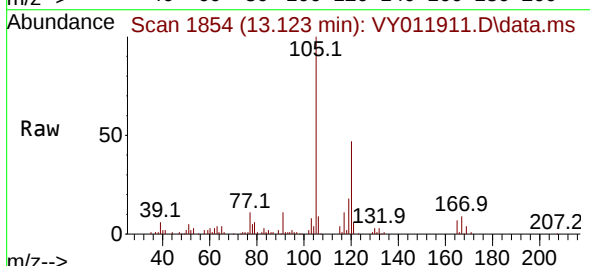
Manual Integrations
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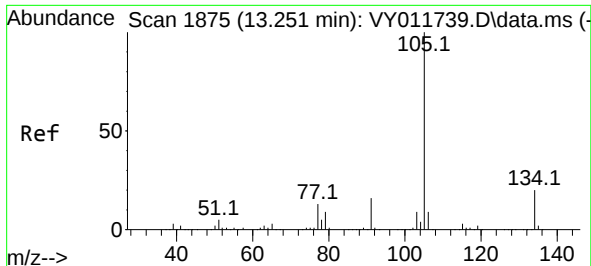
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.410 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

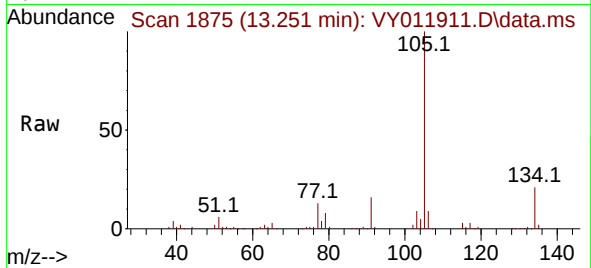
Tgt Ion:105 Resp: 43056
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.7





#85
 sec-Butylbenzene
 Concen: 5.349 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21

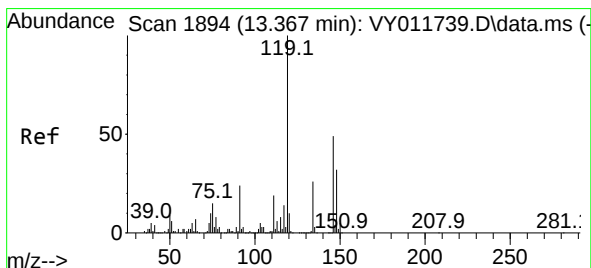
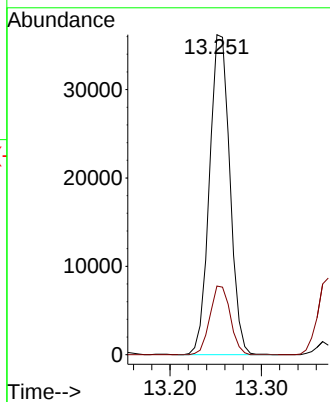
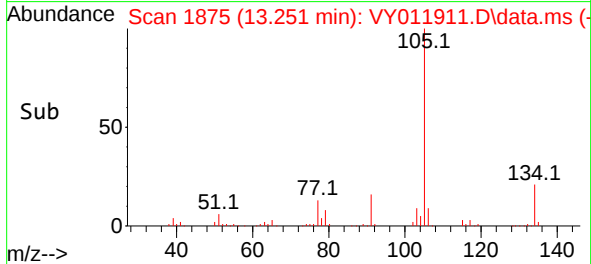
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



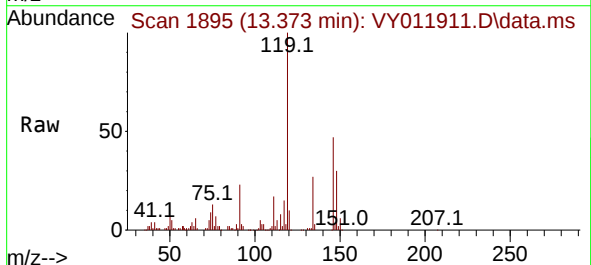
Tgt Ion:105 Resp: 5607
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.1 30.3

Manual Integrations
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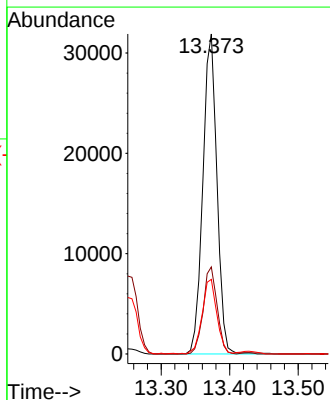
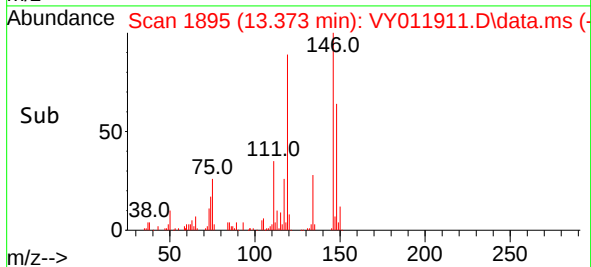
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

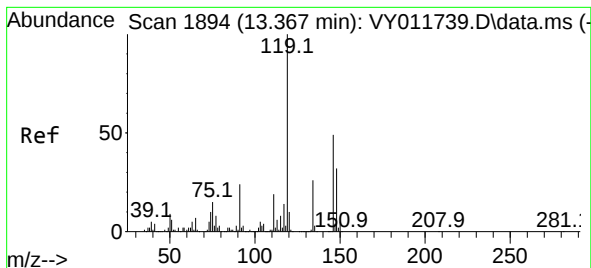


#86
 p-Isopropyltoluene
 Concen: 5.242 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY011911.D
 Acq: 20 Dec 2022 10:21



Tgt Ion:119 Resp: 45733
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.0 39.0
 91 24.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 5.709 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

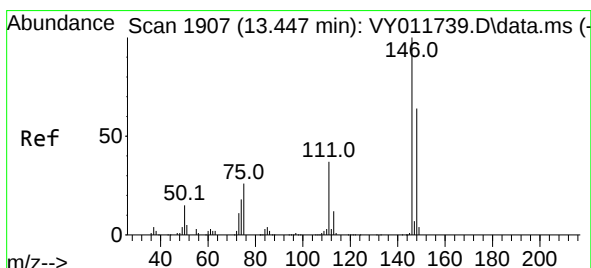
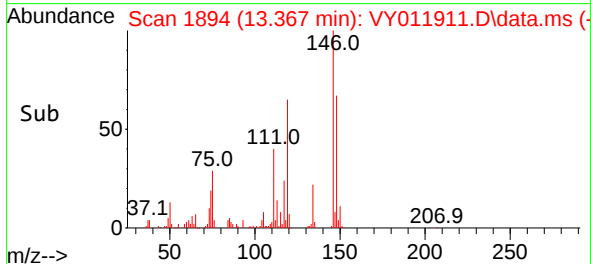
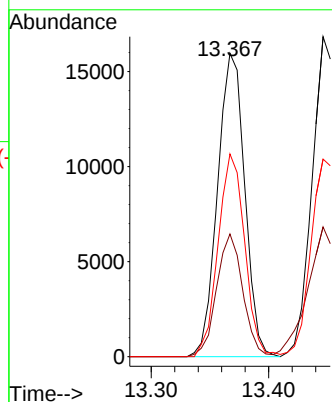
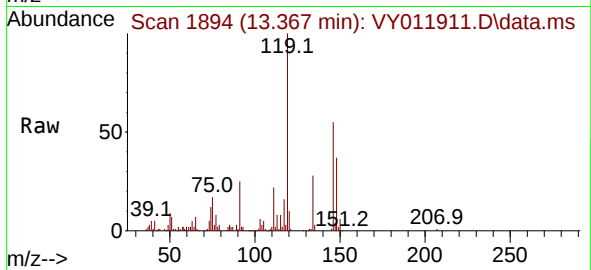
Tgt Ion:	146	Resp:	2565
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.7	59.0
148	65.4	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 5.789 ug/l

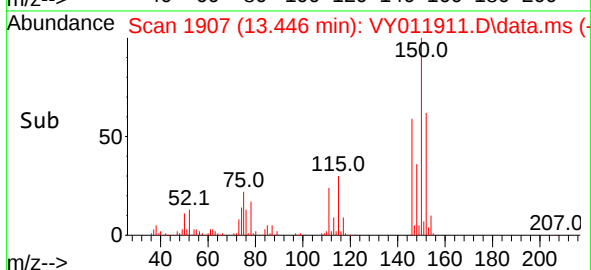
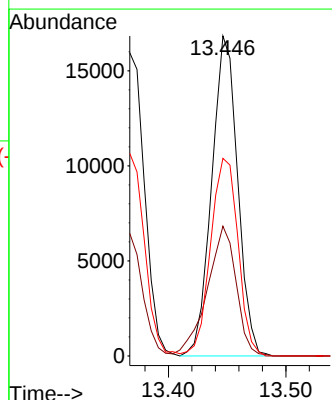
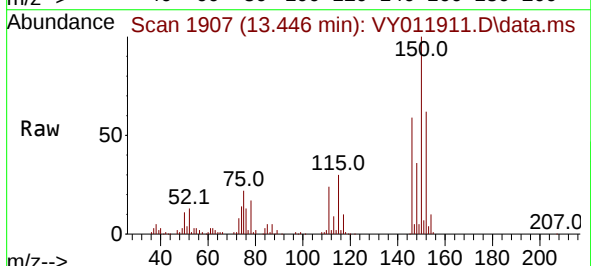
RT: 13.446 min Scan# 1907

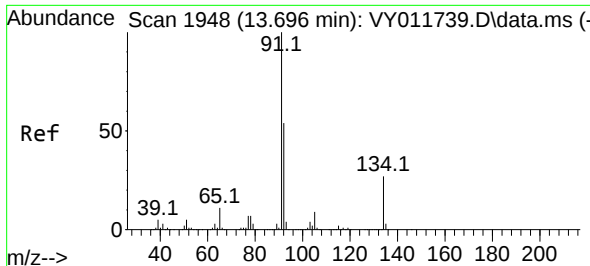
Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Tgt Ion:	146	Resp:	25855
Ion Ratio	Lower	Upper	
146	100		
111	45.2	19.6	58.7
148	65.4	31.9	95.7





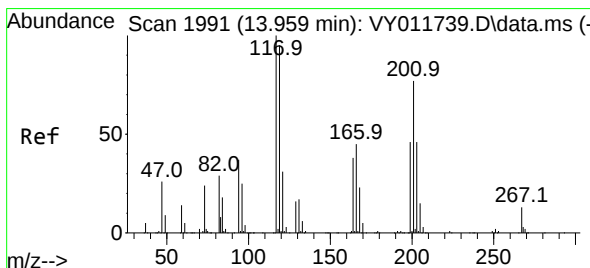
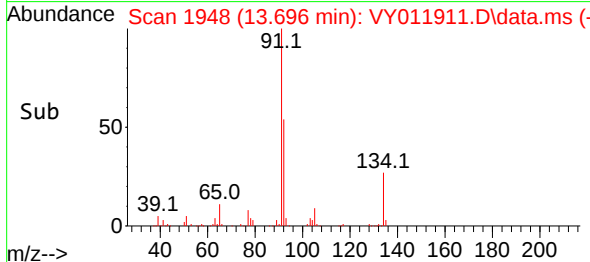
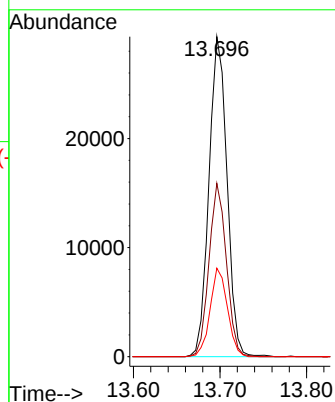
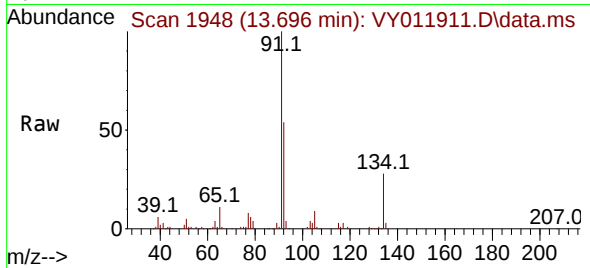
#89
n-Butylbenzene
Concen: 5.354 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 42459
Ion Ratio Lower Upper
91 100
92 52.2 26.8 80.4
134 26.6 13.3 39.8

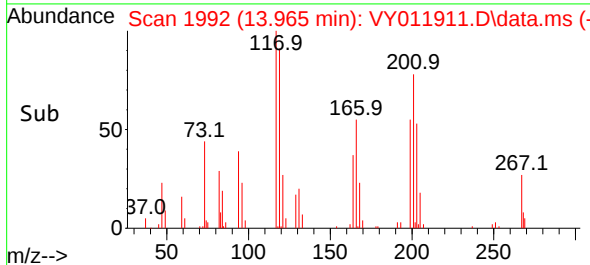
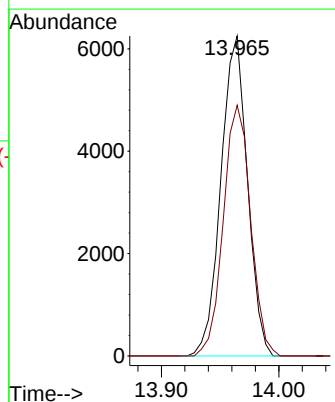
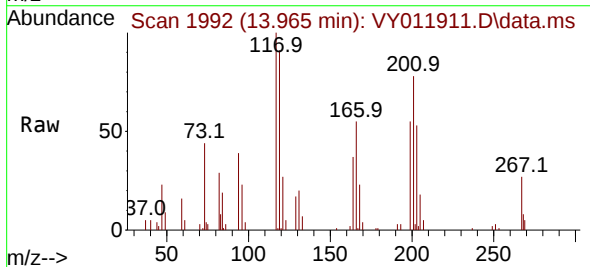
Manual Integrations
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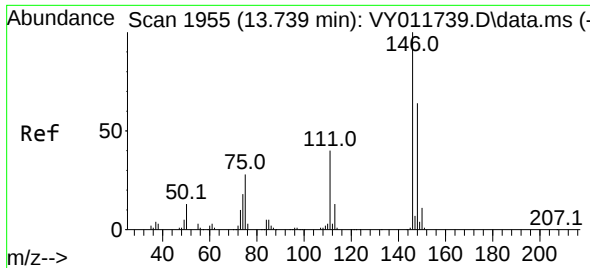
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 5.661 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion:117 Resp: 9814
Ion Ratio Lower Upper
117 100
201 80.4 40.3 120.8





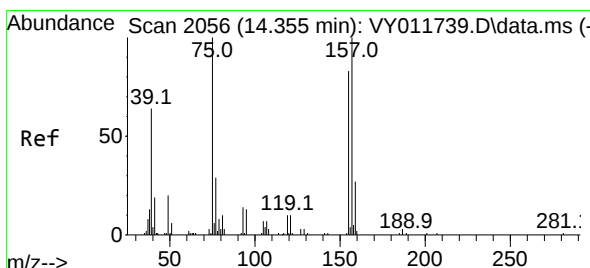
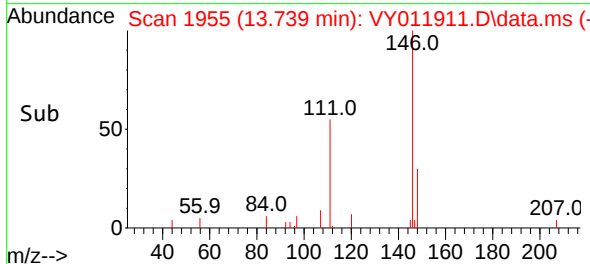
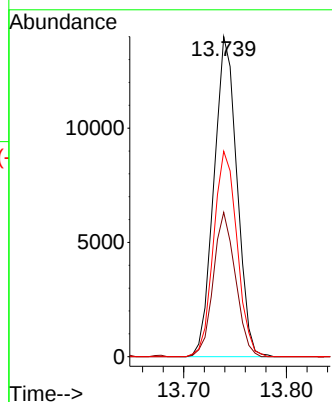
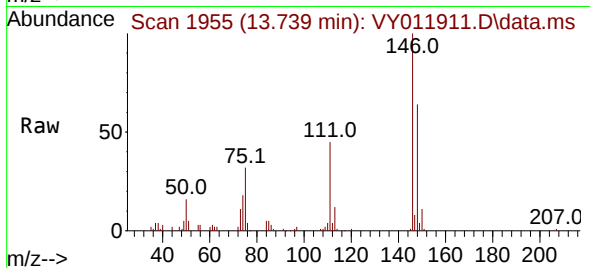
#91
1,2-Dichlorobenzene
Concen: 5.383 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 21768
Ion Ratio Lower Upper
146 100
111 43.2 20.3 60.8
148 65.6 31.8 95.4

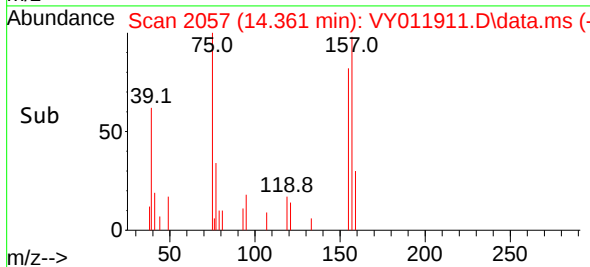
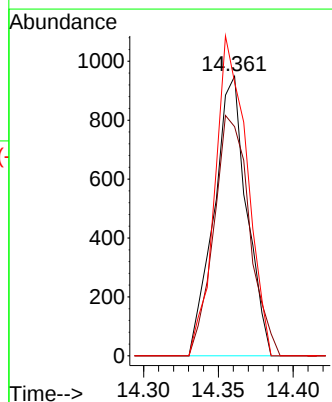
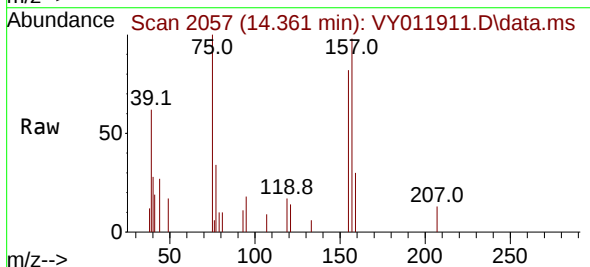
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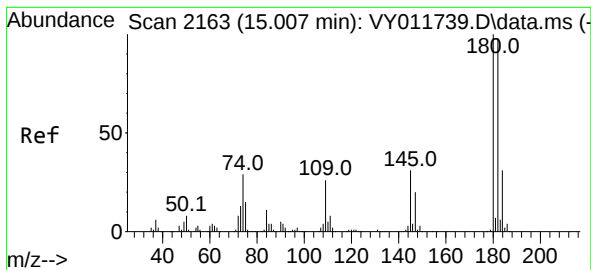
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.441 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

Tgt Ion: 75 Resp: 1442
Ion Ratio Lower Upper
75 100
155 93.6 42.3 126.8
157 112.4 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 4.879 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

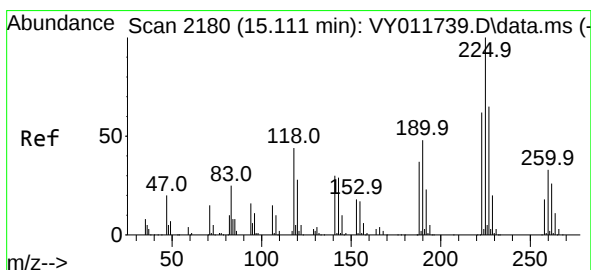
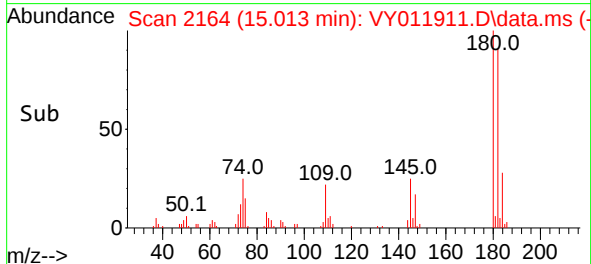
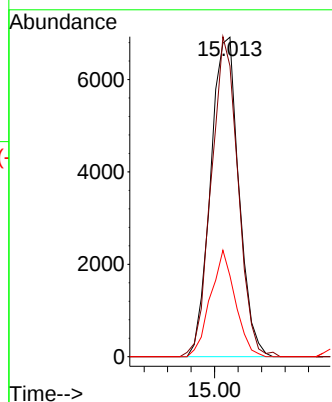
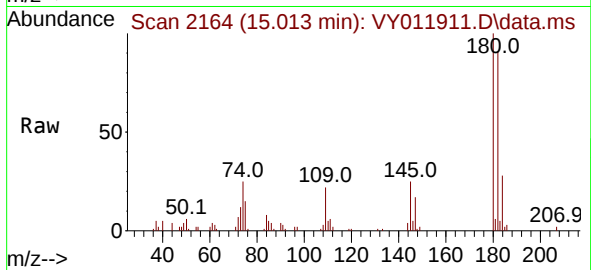
Tgt Ion:180	Resp:	11500
Ion Ratio	Lower	Upper
180	100	
182	94.9	48.1 144.3
145	29.3	15.4 46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#94

Hexachlorobutadiene

Concen: 5.541 ug/l

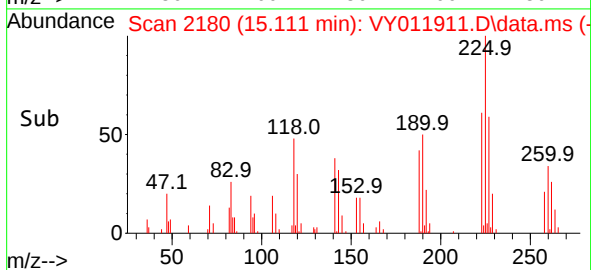
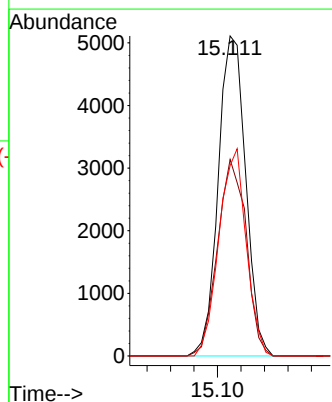
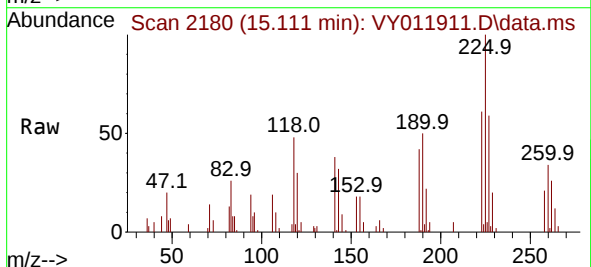
RT: 15.111 min Scan# 2180

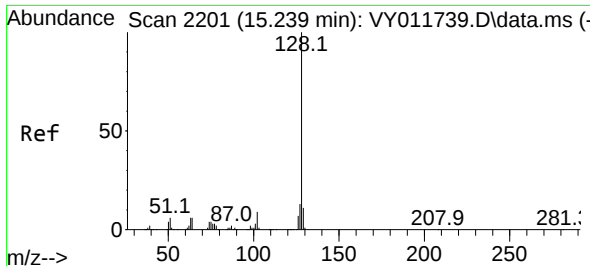
Delta R.T. -0.000 min

Lab File: VY011911.D

Acq: 20 Dec 2022 10:21

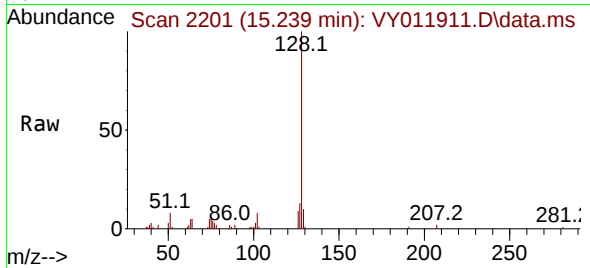
Tgt Ion:225	Resp:	8303
Ion Ratio	Lower	Upper
225	100	
223	64.0	31.4 94.2
227	64.1	32.6 97.8





#95
Naphthalene
Concen: 4.147 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21

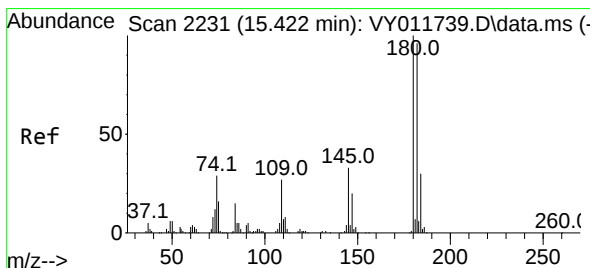
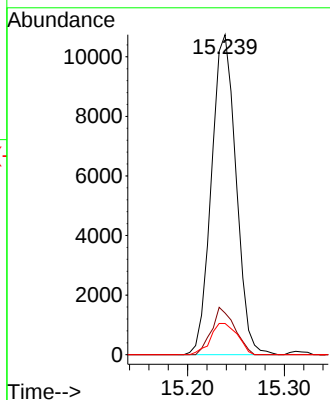
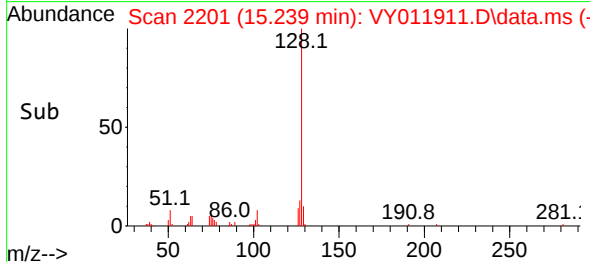
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



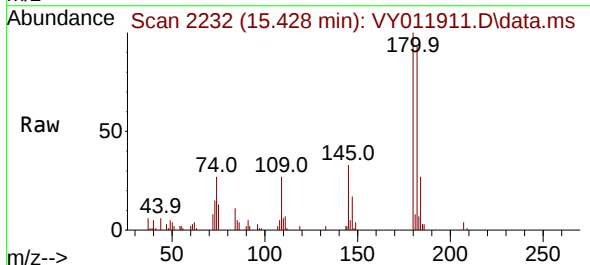
Tgt Ion:128 Resp: 1894
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.612 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY011911.D
Acq: 20 Dec 2022 10:21



Tgt Ion:180 Resp: 9396
Ion Ratio Lower Upper
180 100
182 93.5 47.9 143.7
145 33.8 16.1 48.2

