

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
 Data File : VY011916.D
 Acq On : 20 Dec 2022 12:15
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Dec 20 12:33:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:33:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	239809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	366786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	328513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	339315	174.226	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	348.460%#
35) Dibromofluoromethane	7.716	113	313682	169.577	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	339.160%#
50) Toluene-d8	10.179	98	1294154	199.442	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	398.880%#
62) 4-Bromofluorobenzene	12.483	95	428889	172.140	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	344.280%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	296855	226.760	ug/l	99
3) Chloromethane	2.113	50	324799	221.475	ug/l	99
4) Vinyl Chloride	2.253	62	365723	213.035	ug/l	99
5) Bromomethane	2.637	94	245156	206.965	ug/l	97
6) Chloroethane	2.790	64	233316	196.201	ug/l	98
7) Trichlorofluoromethane	3.125	101	624870	189.553	ug/l	99
8) Diethyl Ether	3.528	74	192991	167.138	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	340147	172.849	ug/l	98
10) Methyl Iodide	4.088	142	505404	219.353	ug/l	99
11) Tert butyl alcohol	4.960	59	157959	538.743	ug/l	100
12) 1,1-Dichloroethene	3.869	96	348672	196.463	ug/l	98
13) Acrolein	3.729	56	156734	463.628	ug/l	99
14) Allyl chloride	4.479	41	512929	173.991	ug/l	96
15) Acrylonitrile	5.161	53	435828	703.212	ug/l	100
16) Acetone	3.948	43	527050	804.893	ug/l	98
17) Carbon Disulfide	4.192	76	1109260	273.686	ug/l	99
18) Methyl Acetate	4.473	43	236532	127.906	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	891719	160.472	ug/l	97
20) Methylene Chloride	4.716	84	378846	126.232	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	381855	191.433	ug/l	96
22) Diisopropyl ether	6.119	45	967061	150.353	ug/l	97
23) Vinyl Acetate	6.058	43	2893750	788.621	ug/l	98
24) 1,1-Dichloroethane	6.021	63	623452	159.510	ug/l	99
25) 2-Butanone	6.984	43	603903	716.984	ug/l	97
26) 2,2-Dichloropropane	6.984	77	613990	166.971	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	414360	169.964	ug/l	98
28) Bromochloromethane	7.332	49	161412	113.435	ug/l	93
29) Tetrahydrofuran	7.344	42	336034	700.941	ug/l	96
30) Chloroform	7.509	83	664515	159.032	ug/l	99
31) Cyclohexane	7.789	56	583562	186.290	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	650099	174.452	ug/l	99
36) 1,1-Dichloropropene	7.917	75	526209	189.057	ug/l	99
37) Ethyl Acetate	7.070	43	232001	142.574	ug/l	98
38) Carbon Tetrachloride	7.905	117	604334	184.842	ug/l	98
39) Methylcyclohexane	9.185	83	667964	213.286	ug/l	98
40) Benzene	8.161	78	1489932	179.185	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	125025m	152.199	ug/l	
42) 1,2-Dichloroethane	8.240	62	422535	164.327	ug/l	100
43) Isopropyl Acetate	8.271	43	440318	149.228	ug/l	98
44) Trichloroethene	8.941	130	422625	181.481	ug/l	99
45) 1,2-Dichloropropane	9.216	63	337832	156.978	ug/l	99
46) Dibromomethane	9.307	93	193239	160.407	ug/l	99
47) Bromodichloromethane	9.496	83	501992	161.297	ug/l	99
48) Methyl methacrylate	9.289	41	213062	163.813	ug/l	98
49) 1,4-Dioxane	9.301	88	49903	2990.183	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	1156306	711.205	ug/l	98
52) Toluene	10.246	92	961038	181.805	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	518060	166.650	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	583816	167.151	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	271199	152.312	ug/l	98
56) Ethyl methacrylate	10.508	69	382402	166.370	ug/l	98
57) 1,3-Dichloropropane	10.788	76	461363	155.446	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	691180	648.499	ug/l	97
59) 2-Hexanone	10.831	43	880958	758.373	ug/l	98
60) Dibromochloromethane	10.984	129	349907	156.902	ug/l	100
61) 1,2-Dibromoethane	11.087	107	263099	163.105	ug/l	98
64) Tetrachloroethene	10.721	164	408263	175.653	ug/l	98
65) Chlorobenzene	11.514	112	1002657	169.389	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	368290	160.382	ug/l	99
67) Ethyl Benzene	11.593	91	1872927	179.574	ug/l	98
68) m/p-Xylenes	11.703	106	1450500	363.148	ug/l	99
69) o-Xylene	12.032	106	683074	179.416	ug/l	100
70) Styrene	12.044	104	1132385	174.267	ug/l	98
71) Bromoform	12.209	173	221601	156.454	ug/l #	99
73) Isopropylbenzene	12.331	105	1827496	179.295	ug/l	99
74) N-amyl acetate	12.142	43	388647	158.591	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	284872	143.511	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	284100m	178.494	ug/l	
77) Bromobenzene	12.611	156	407178	171.096	ug/l	98
78) n-propylbenzene	12.672	91	2153479	176.301	ug/l	100
79) 2-Chlorotoluene	12.758	91	1204370	172.765	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	1525816	177.106	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	110479	157.509	ug/l	99
82) 4-Chlorotoluene	12.855	91	1248993	172.739	ug/l	100
83) tert-Butylbenzene	13.075	119	1317436	175.617	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	1505561	177.487	ug/l	98
85) sec-Butylbenzene	13.251	105	1930985	172.841	ug/l	99
86) p-Isopropyltoluene	13.367	119	1643087	176.705	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	801286	167.312	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	792053	166.403	ug/l	99
89) n-Butylbenzene	13.696	91	1499292	177.371	ug/l	99
90) Hexachloroethane	13.959	117	301010	162.911	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	700477	162.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	51810	149.705	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	456159	181.476	ug/l	99
94) Hexachlorobutadiene	15.111	225	271470	169.979	ug/l	99
95) Naphthalene	15.233	128	899877	184.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	391206	180.181	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:33:02 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

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Supervised By :Mahesh Dadoda 12/21/2022

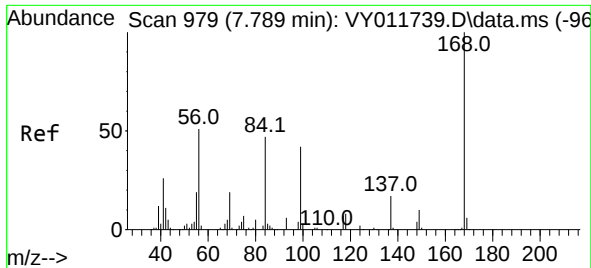
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Abundance

Time-->

Chemical compounds identified (from left to right):

- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- Acetone, T
- 1,1,2,2-Tetrachloroethane, CM
- Methane, T
- Methyl Carbon Disulfide, T
- Methyl Acetate, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- Methyl 2-Ethylhexanoate, T
- 1,1-Dichloroethane, P
- Vinyl Acetate, T
- Isopropyl Acetate, T
- Methyl 2-Ethylhexanoate, T
- Chloroform, C
- Dichlorodifluoromethane, T
- 1,1,2,2-Tetrachloroethane, T
- 1,2-Dichloroethane, TM
- Isopropyl Acetate, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- Methyl 2-Ethylhexanoate, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- 2-Chloroethyl Vinyl ether, T
- 4-Methyl-2-Pentanone, T
- Toluene, CM
- Ethyl methyl 2-Ethylhexanoate, T
- 1,1,2-Trichloroethane, T
- 1,3-Dichloropropane, T
- 2-Hexanone, T
- Tetrachloroethene, T
- Dibromochloromethane, T
- 1,2-Dibromodichloromethane, T
- Chlorobenzene, PM
- Ethyl 2-Ethylhexanoate, T
- Propyl 2-Ethylhexanoate, T
- o-Xylene, T
- Styrene, T
- Isopropylbenzene, T
- n-Propylbenzene, T
- 1,3,5-Trimethylbenzene, T
- tert-Butylbenzene, T
- 1,2,4-Trimethylbenzene, T
- sec-Butylbenzene, T
- n-Butylbenzene, T
- 1,4-Dichlorobenzene, T
- 1,2-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- Naphthalene, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobutadiene, T
- 1,2,3-Trichlorobenzene, T



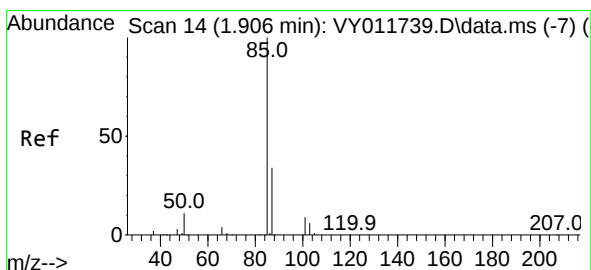
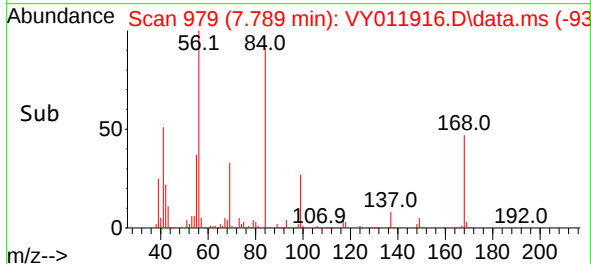
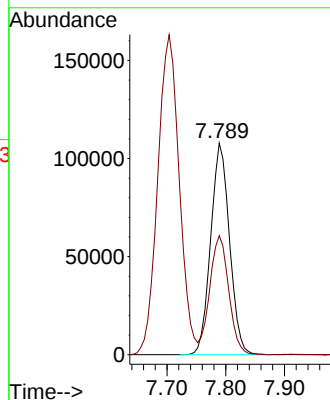
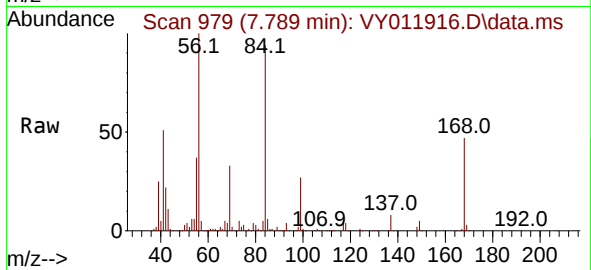
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Client Sample Id :
VSTDIC150

Tgt Ion:168 Resp: 239809
Ion Ratio Lower Upper
168 100
99 56.1 44.0 66.0

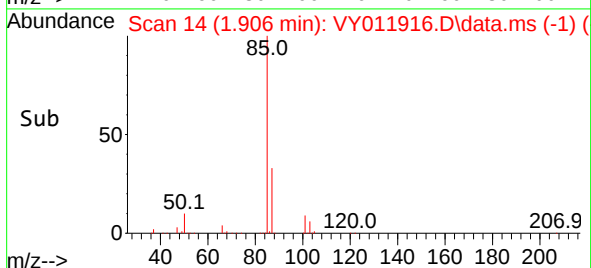
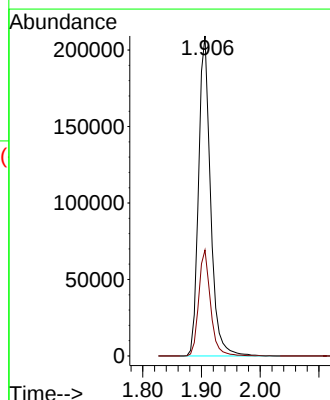
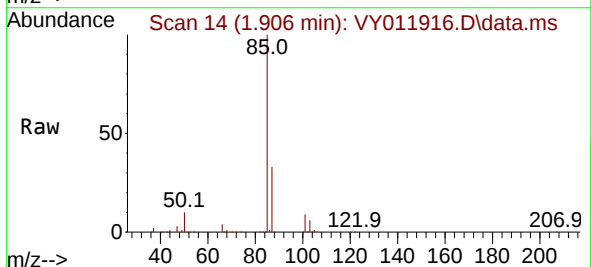
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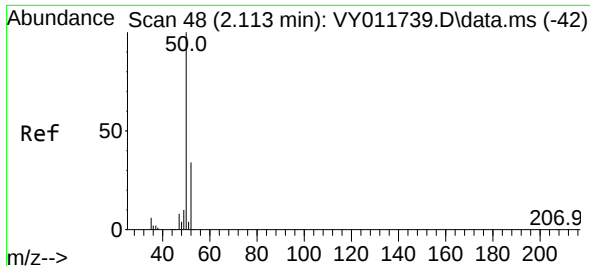
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#2
Dichlorodifluoromethane
Concen: 226.760 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY011916.D
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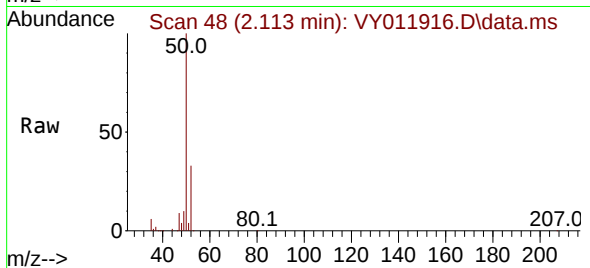
Tgt Ion: 85 Resp: 296855
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.4





#3
Chloromethane
Concen: 221.475 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

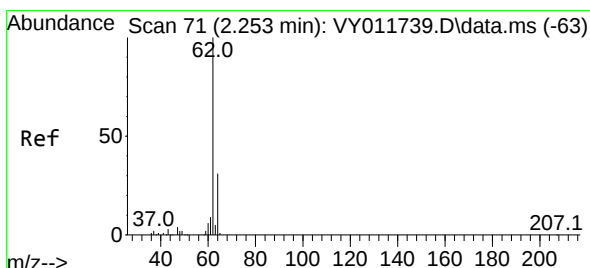
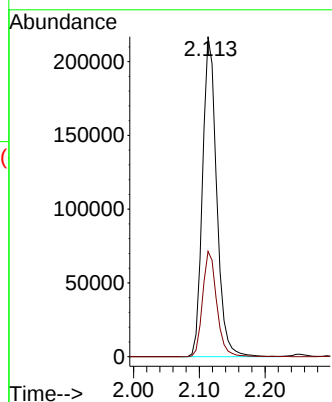
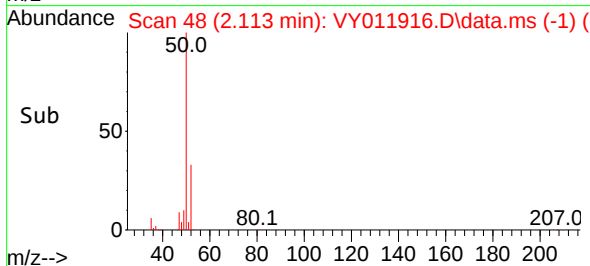
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



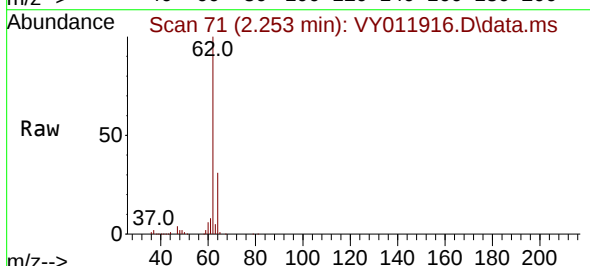
Tgt Ion: 50 Resp: 324799
Ion Ratio Lower Upper
50 100
52 32.9 26.8 40.2

Manual Integrations
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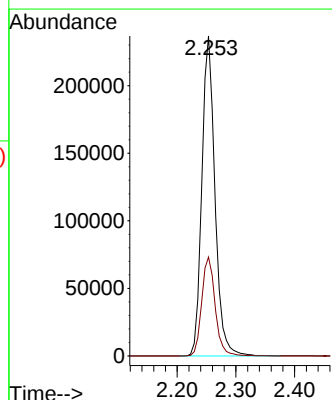
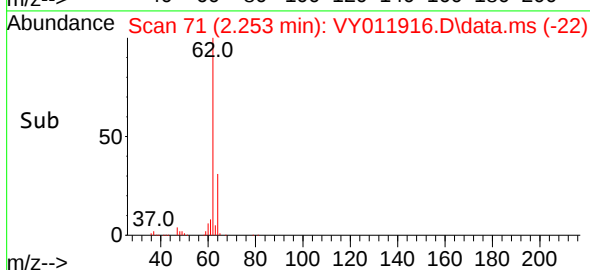
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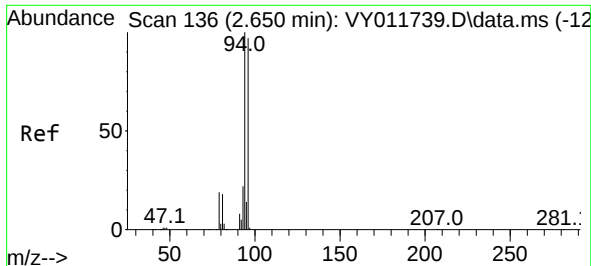


#4
Vinyl Chloride
Concen: 213.035 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15



Tgt Ion: 62 Resp: 365723
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.6





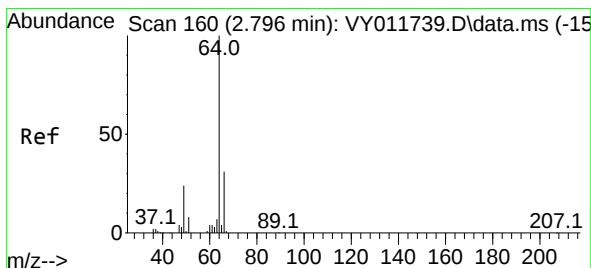
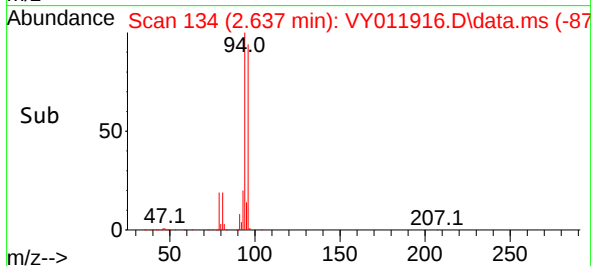
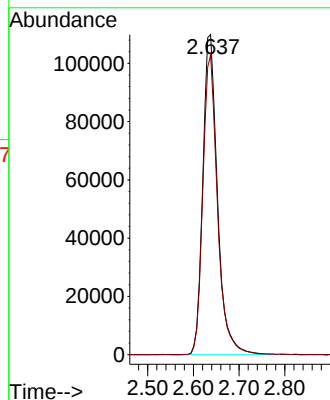
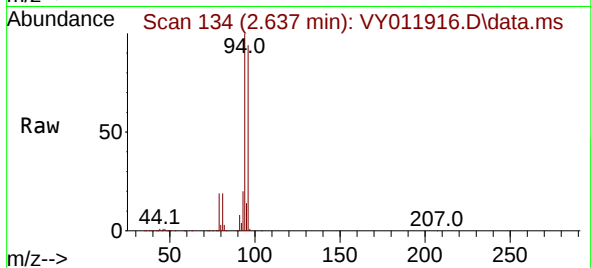
#5
Bromomethane
Concen: 206.965 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 94 Resp: 245150
Ion Ratio Lower Upper
94 100
96 93.6 77.4 116.2

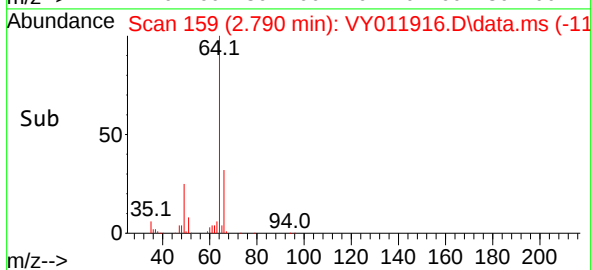
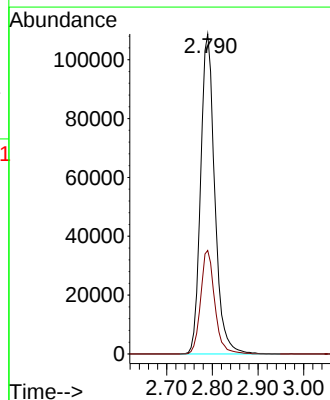
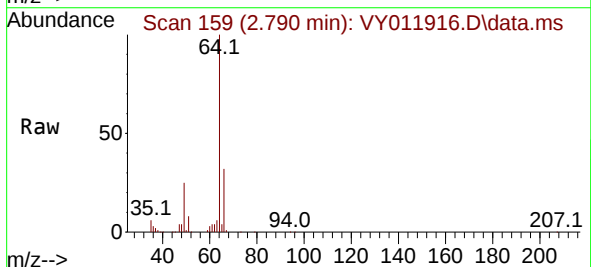
Manual Integrations
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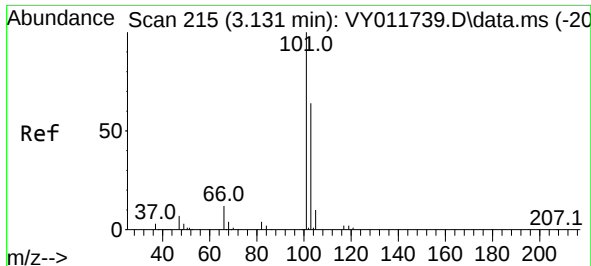
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#6
Chloroethane
Concen: 196.201 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

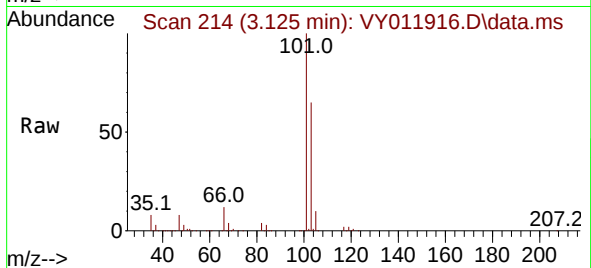
Tgt Ion: 64 Resp: 233316
Ion Ratio Lower Upper
64 100
66 32.4 25.0 37.4





#7
 Trichlorofluoromethane
 Concen: 189.553 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY011916.D
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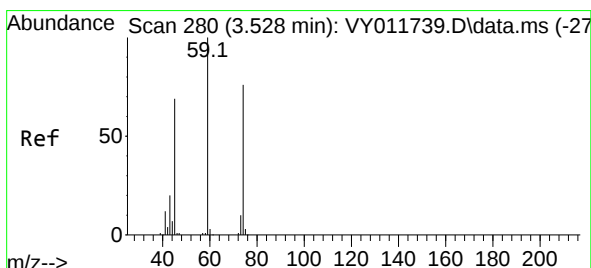
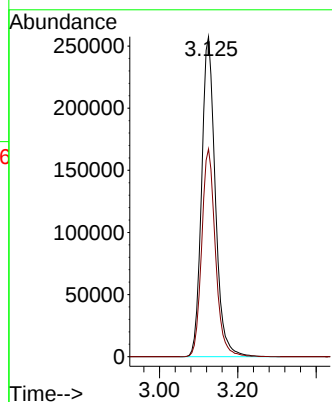
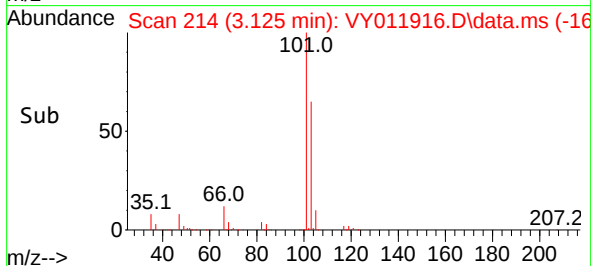
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 ClientSampleId :
 VSTDIC150



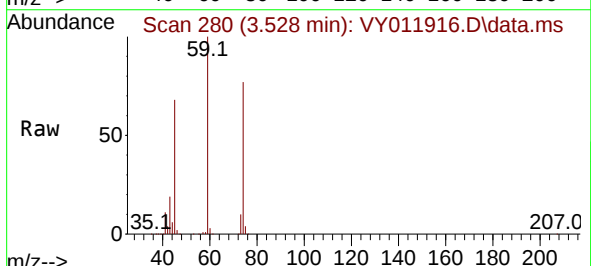
Tgt Ion: 101 Resp: 624870
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.6

Manual Integrations
 APPROVED

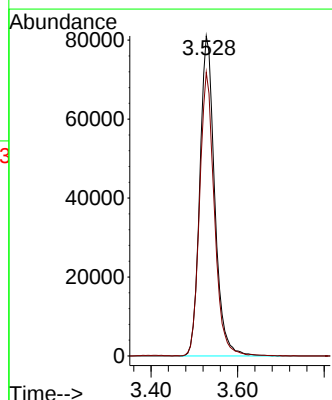
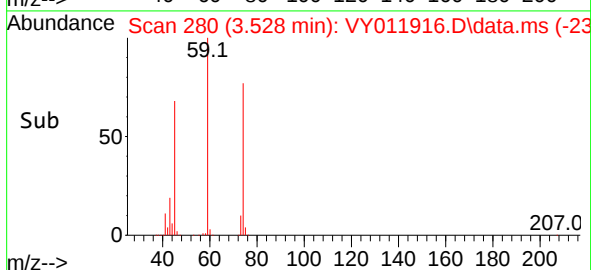
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

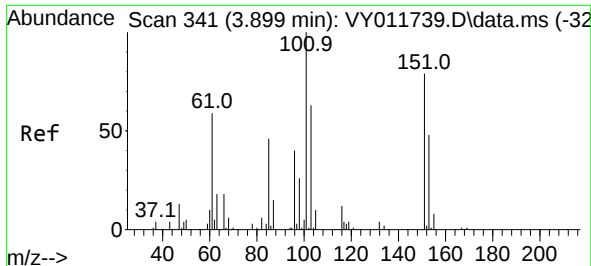


#8
 Diethyl Ether
 Concen: 167.138 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.000 min
 Lab File: VY011916.D
 Acq: 20 Dec 2022 12:15



Tgt Ion: 74 Resp: 192991
 Ion Ratio Lower Upper
 74 100
 45 88.3 46.8 140.3





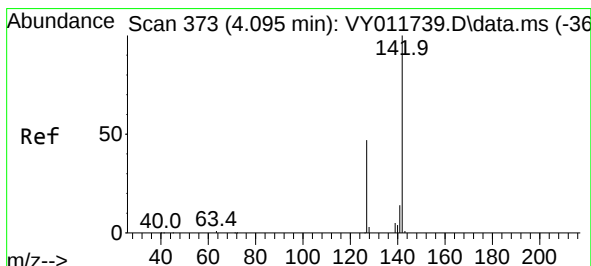
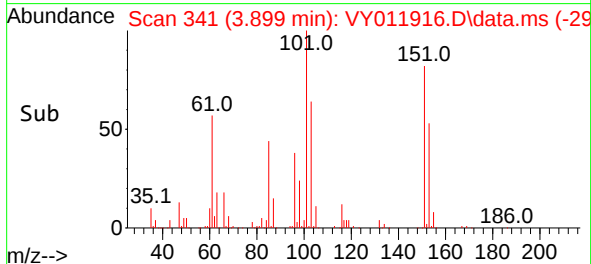
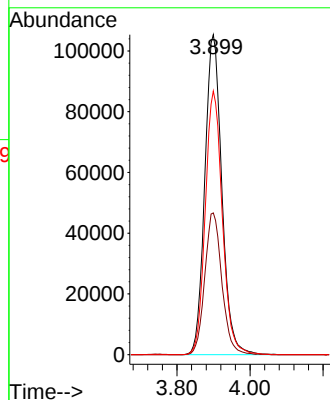
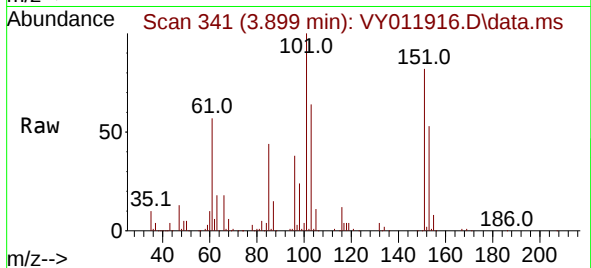
#9
1,1,2-Trichlorotrifluoroethane
Concen: 172.849 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 34014
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.2
151 82.8 64.2 96.2

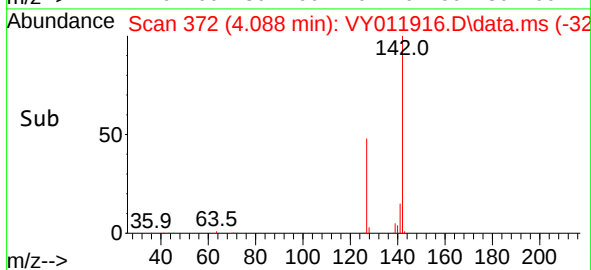
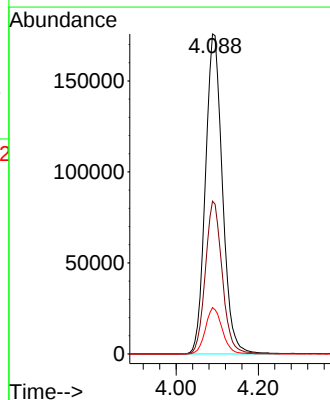
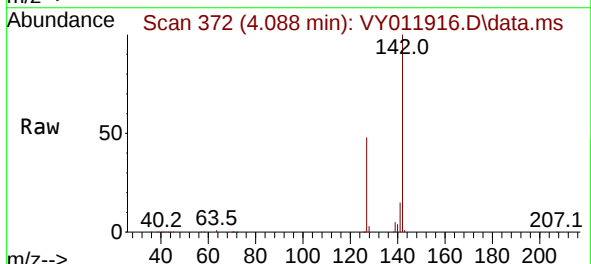
Manual Integrations
APPROVED

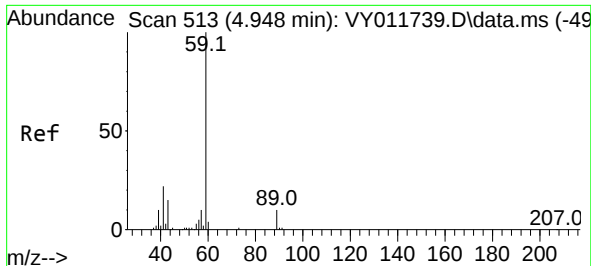
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 219.353 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion:142 Resp: 505404
Ion Ratio Lower Upper
142 100
127 47.4 37.0 55.4
141 14.4 11.4 17.0





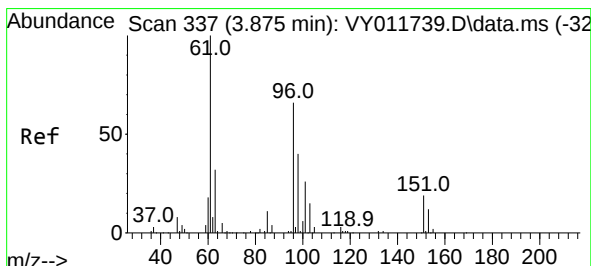
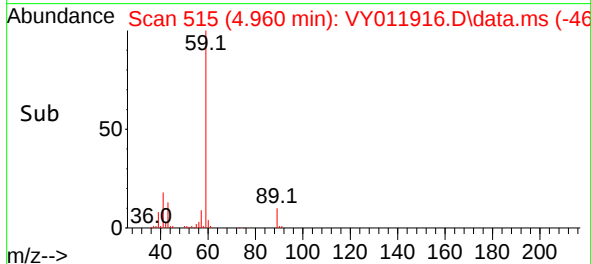
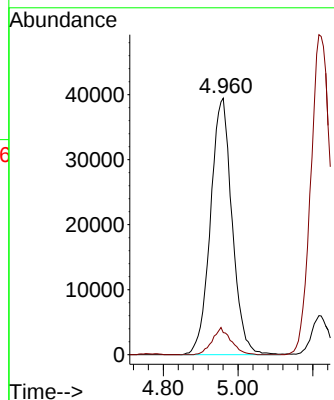
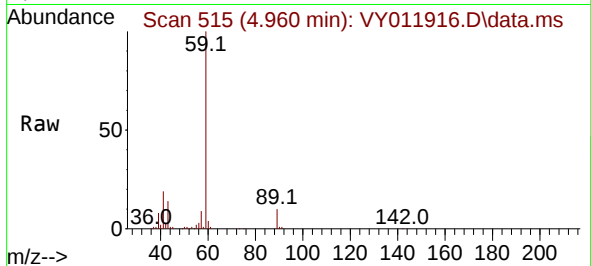
#11
Tert butyl alcohol
Concen: 538.743 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 157959
Ion Ratio Lower Upper
59 100
57 9.2 7.4 11.2

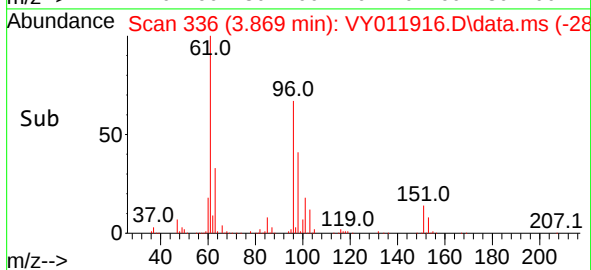
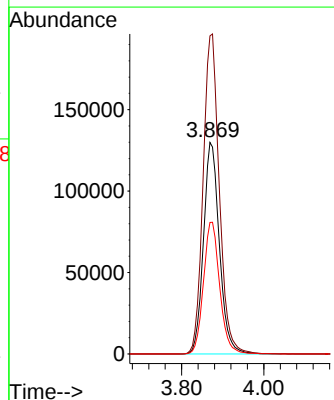
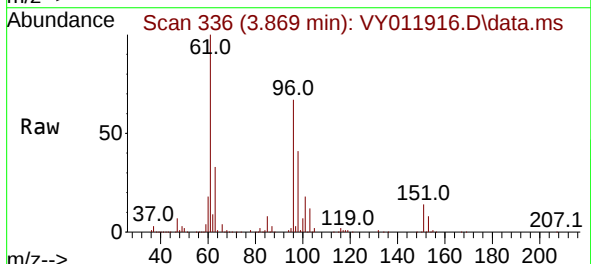
Manual Integrations
APPROVED

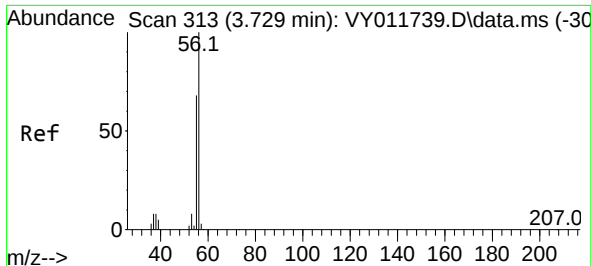
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#12
1,1-Dichloroethene
Concen: 196.463 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

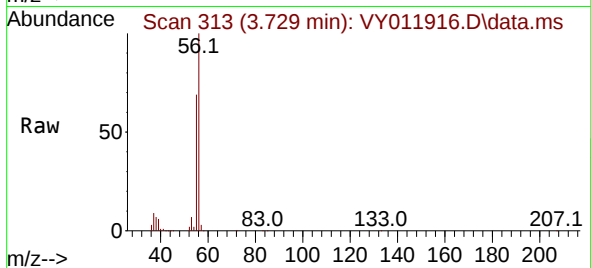
Tgt Ion: 96 Resp: 348672
Ion Ratio Lower Upper
96 100
61 150.3 122.0 183.0
98 62.1 48.6 73.0





#13
Acrolein
Concen: 463.628 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

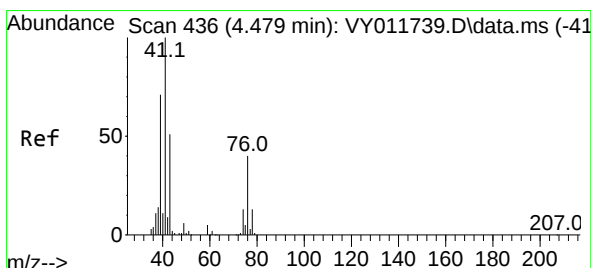
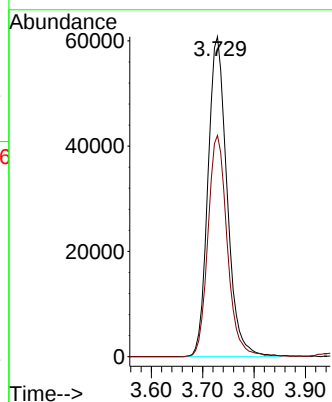
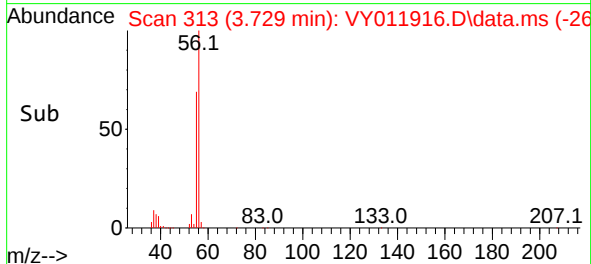
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 156734
Ion Ratio Lower Upper
56 100
55 70.0 56.6 85.0

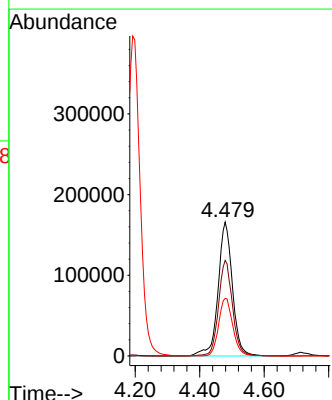
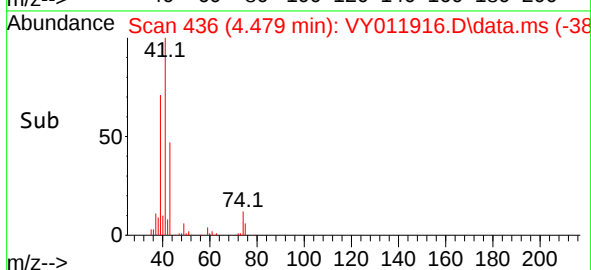
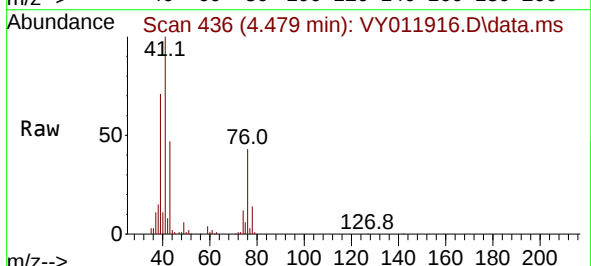
Manual Integrations
APPROVED

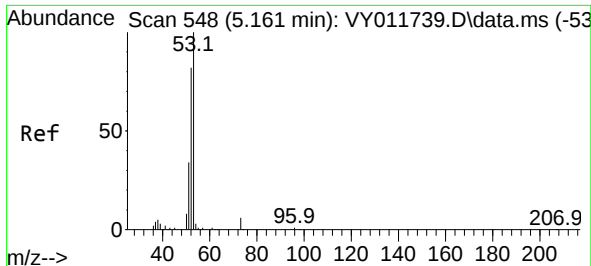
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#14
Allyl chloride
Concen: 173.991 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

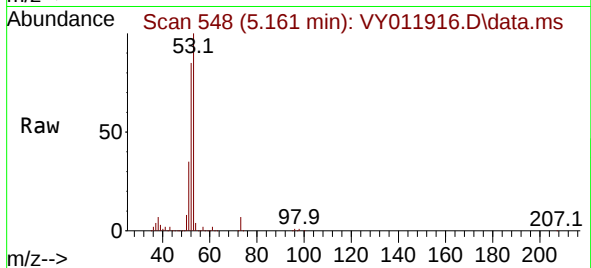
Tgt Ion: 41 Resp: 512929
Ion Ratio Lower Upper
41 100
39 69.2 53.5 80.3
76 42.4 31.1 46.7





#15
Acrylonitrile
Concen: 703.212 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

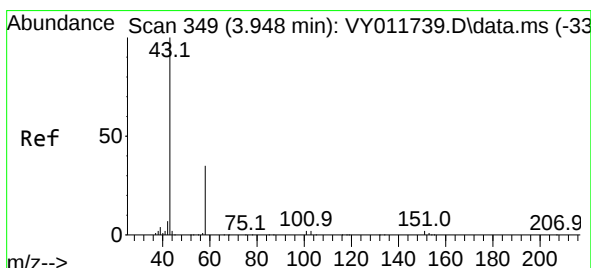
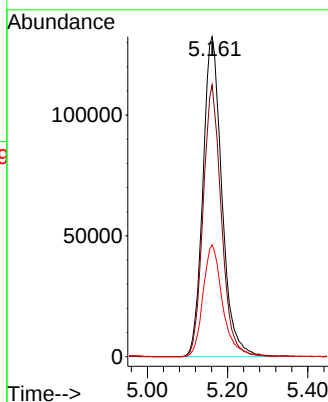
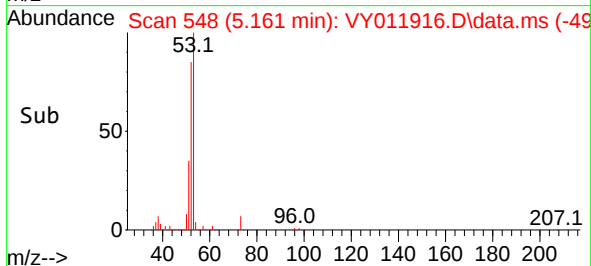
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 53 Resp: 435828
Ion Ratio Lower Upper
53 100
52 81.5 65.1 97.7
51 36.1 28.7 43.1

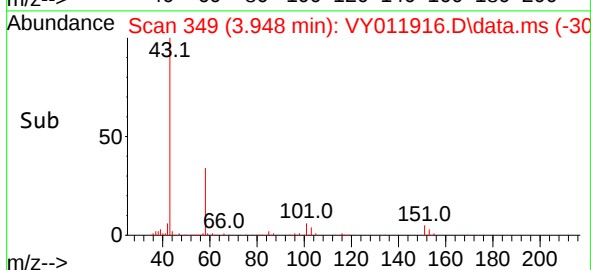
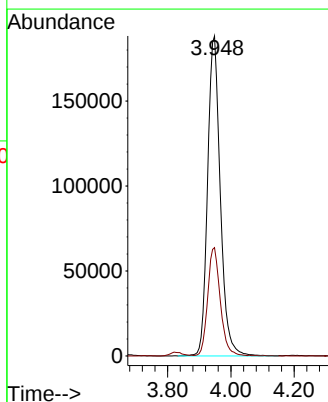
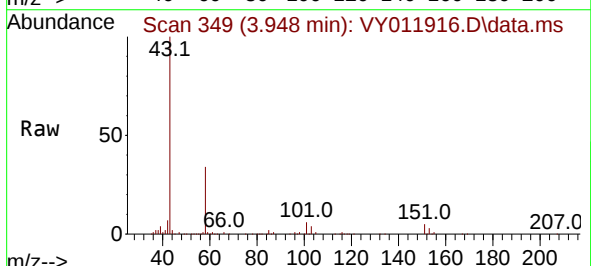
Manual Integrations
APPROVED

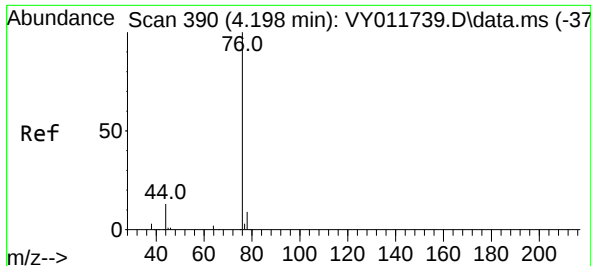
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#16
Acetone
Concen: 804.893 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

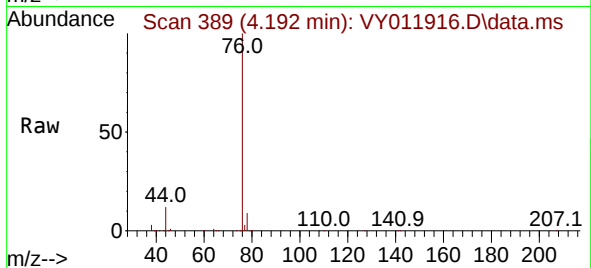
Tgt Ion: 43 Resp: 527050
Ion Ratio Lower Upper
43 100
58 33.9 27.9 41.9





#17
Carbon Disulfide
Concen: 273.686 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

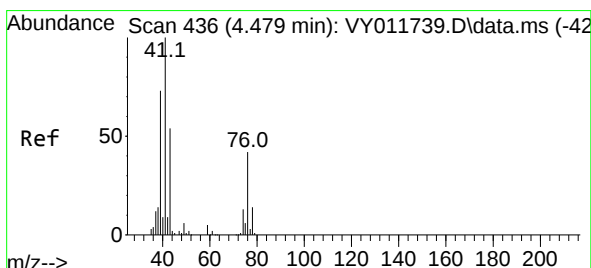
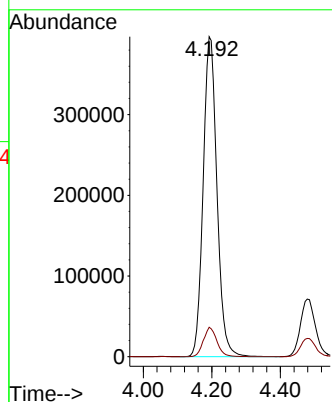
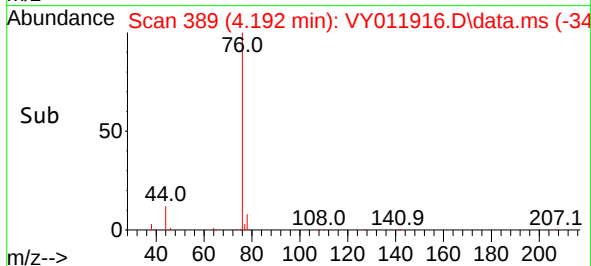
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 1109260
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

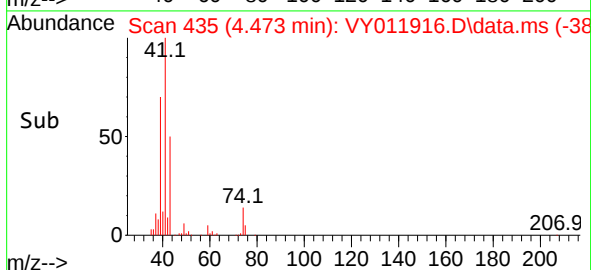
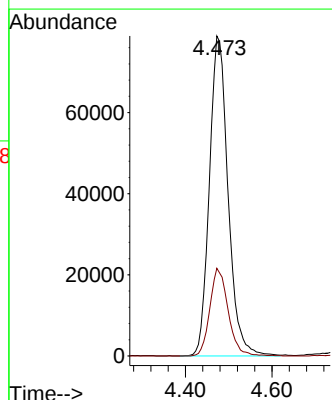
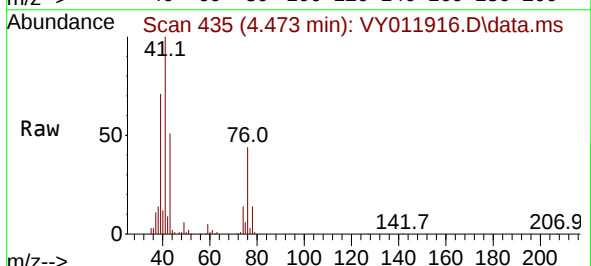
Manual Integrations
APPROVED

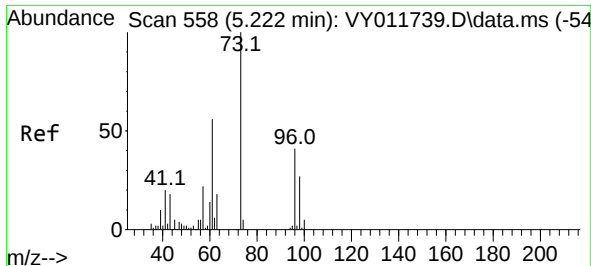
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 127.906 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion: 43 Resp: 236532
Ion Ratio Lower Upper
43 100
74 26.8 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 160.472 ug/l

RT: 5.222 min Scan# 558

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 73 Resp: 891719

Ion Ratio Lower Upper

73 100

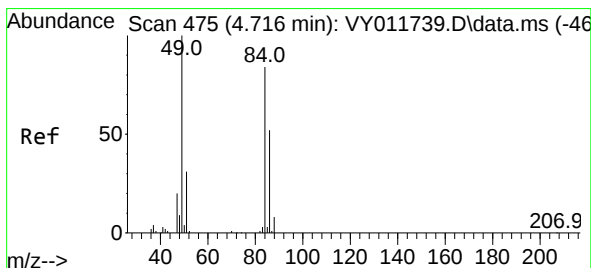
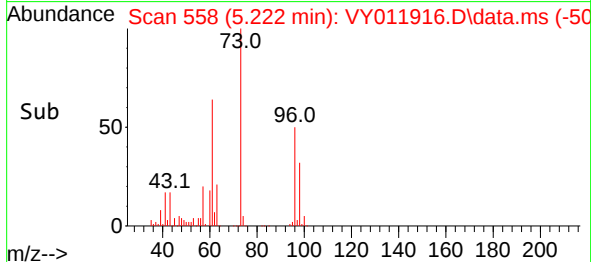
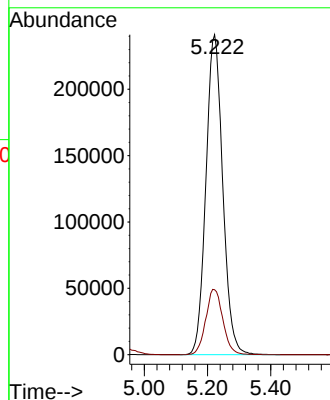
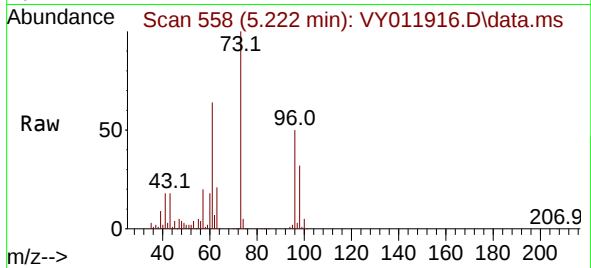
57 20.3 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#20

Methylene Chloride

Concen: 126.232 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Tgt Ion: 84 Resp: 378846

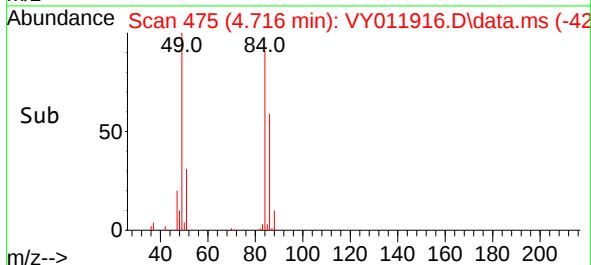
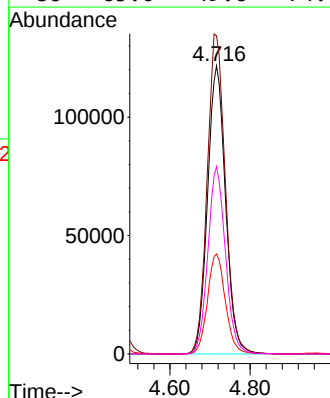
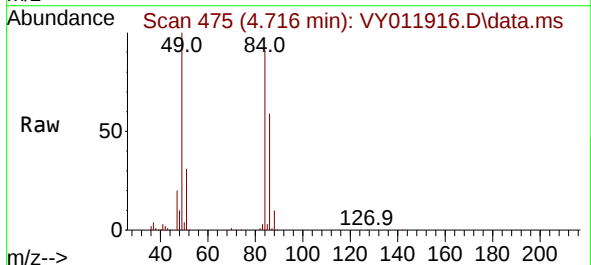
Ion Ratio Lower Upper

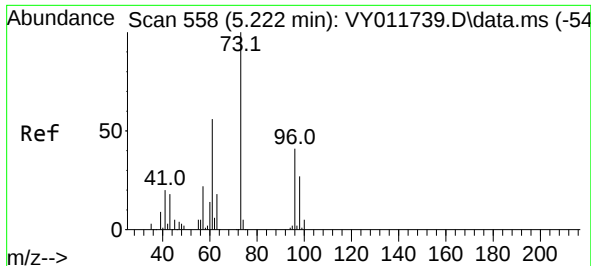
84 100

49 110.4 95.4 143.2

51 34.7 29.9 44.9

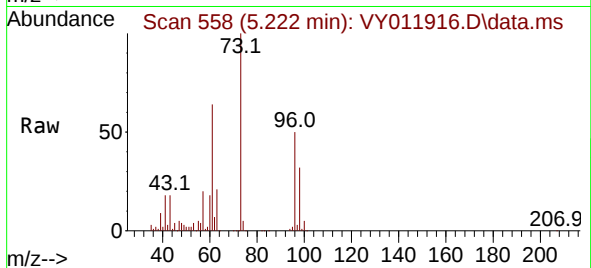
86 65.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 191.433 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

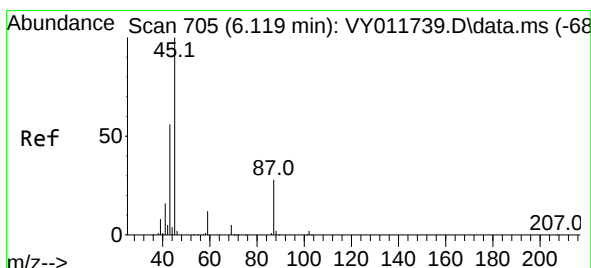
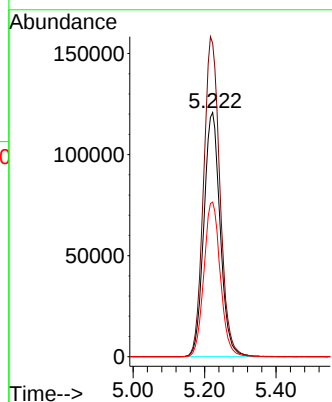
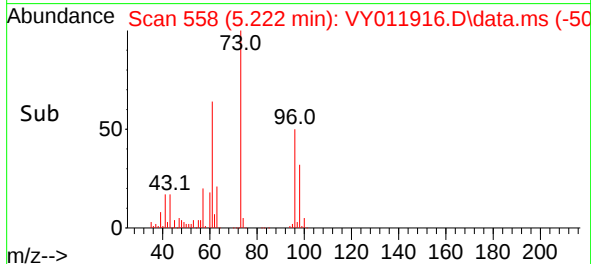
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 38185
Ion Ratio Lower Upper
96 100
61 128.3 108.0 162.0
98 63.3 51.6 77.4

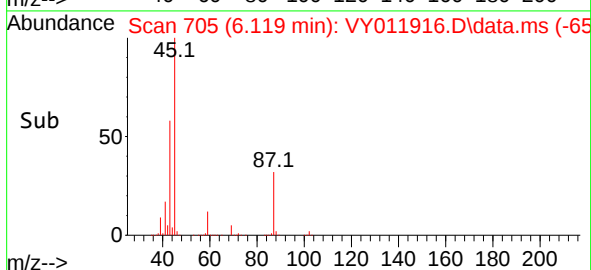
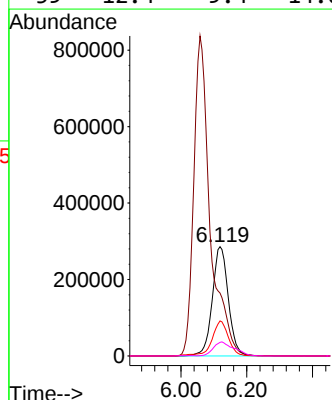
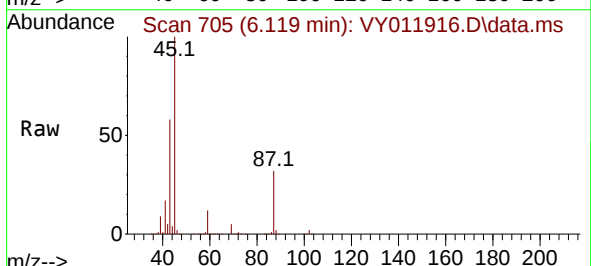
Manual Integrations
APPROVED

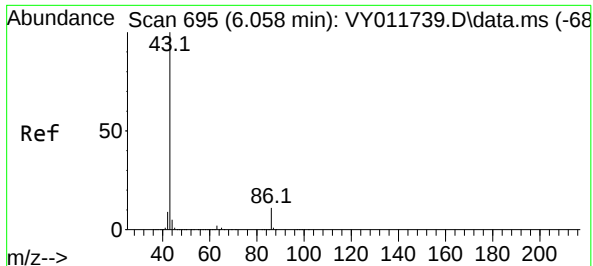
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#22
Diisopropyl ether
Concen: 150.353 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

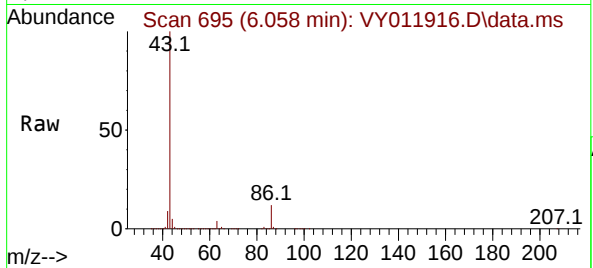
Tgt Ion: 45 Resp: 967061
Ion Ratio Lower Upper
45 100
43 57.5 45.0 67.4
87 32.0 22.6 33.8
59 12.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 788.621 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY011916.D
 Acq: 20 Dec 2022 12:15

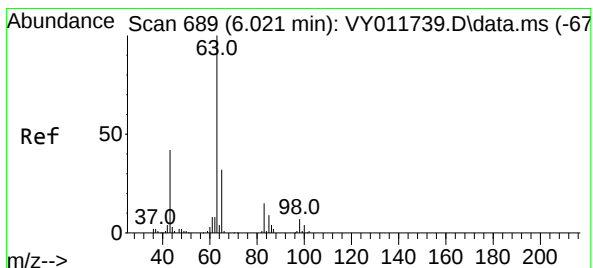
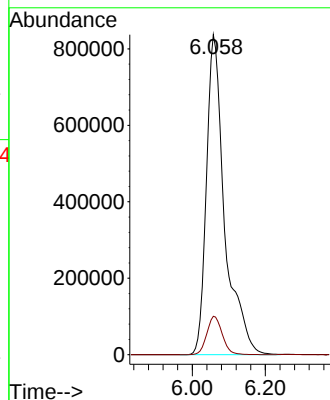
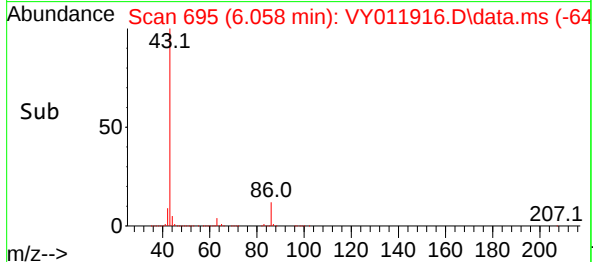
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150



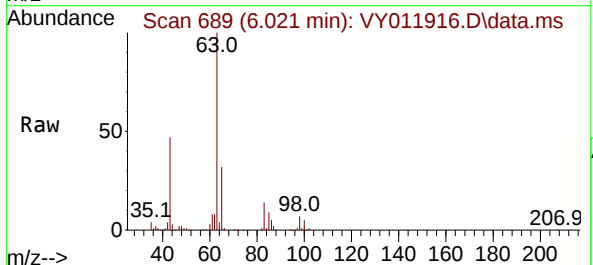
Tgt Ion: 43 Resp: 2893750
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.0 13.4

Manual Integrations
 APPROVED

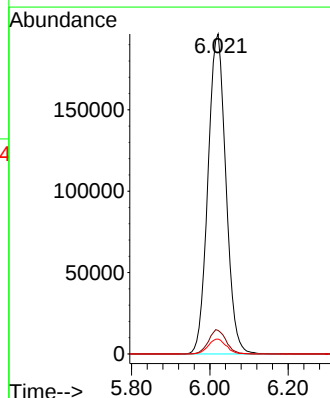
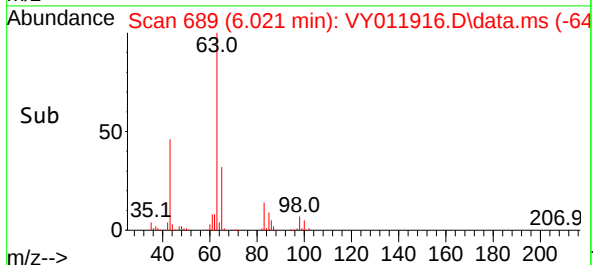
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

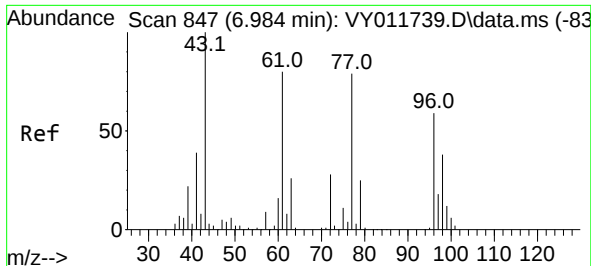


#24
 1,1-Dichloroethane
 Concen: 159.510 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY011916.D
 Acq: 20 Dec 2022 12:15



Tgt Ion: 63 Resp: 623452
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 716.984 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 60390

Ion Ratio Lower Upper

43 100

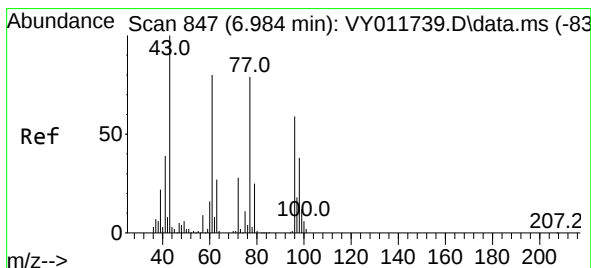
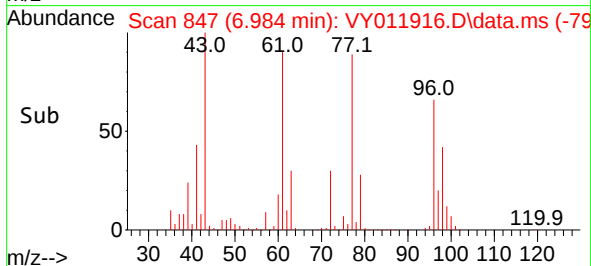
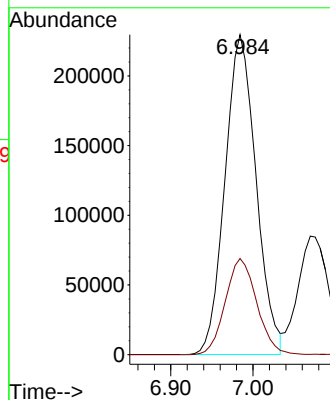
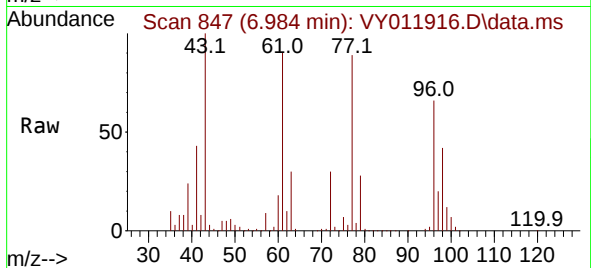
72 30.1 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#26

2,2-Dichloropropane

Concen: 166.971 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY011916.D

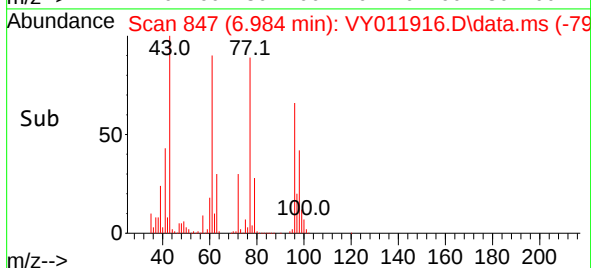
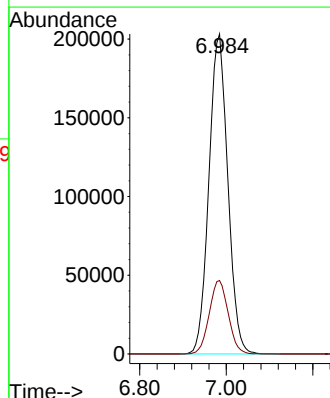
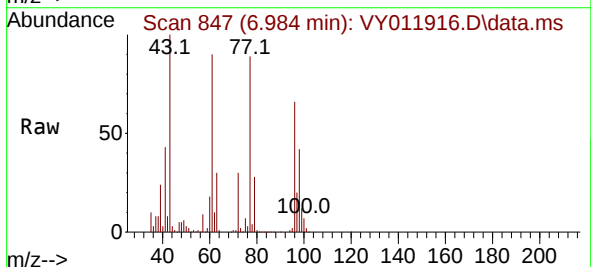
Acq: 20 Dec 2022 12:15

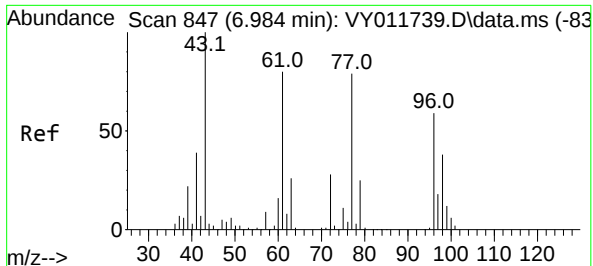
Tgt Ion: 77 Resp: 613990

Ion Ratio Lower Upper

77 100

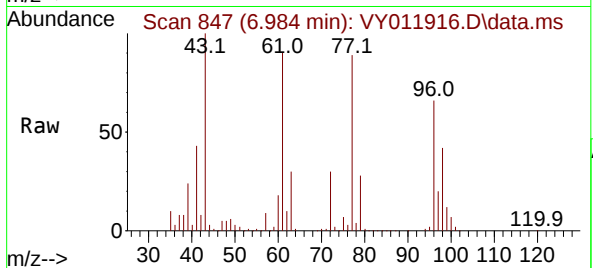
97 23.1 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 169.964 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

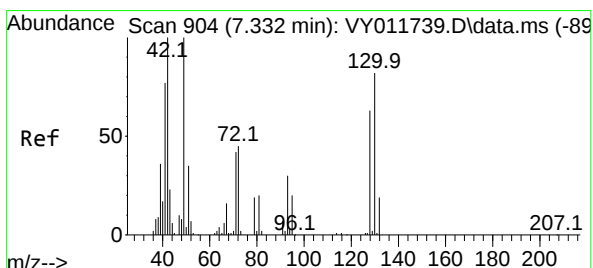
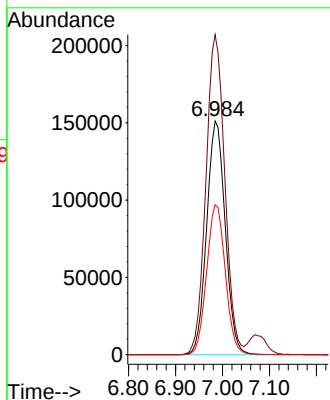
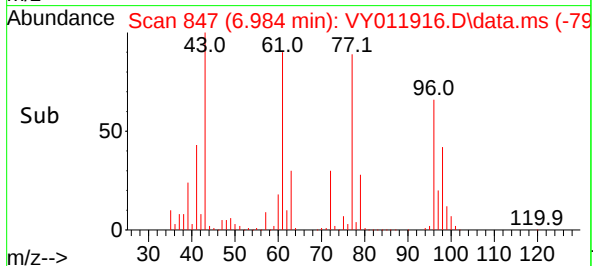
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



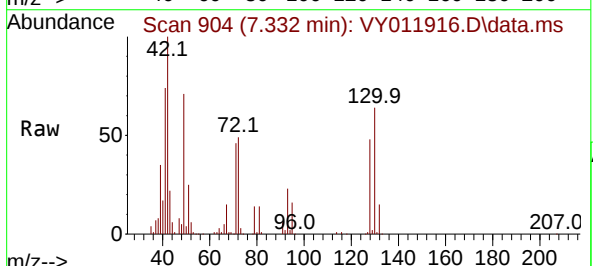
Tgt Ion: 96 Resp: 414360
Ion Ratio Lower Upper
96 100
61 139.2 0.0 283.4
98 64.6 0.0 127.6

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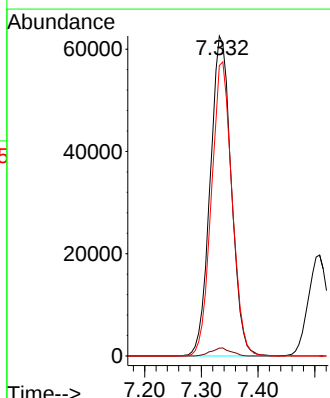
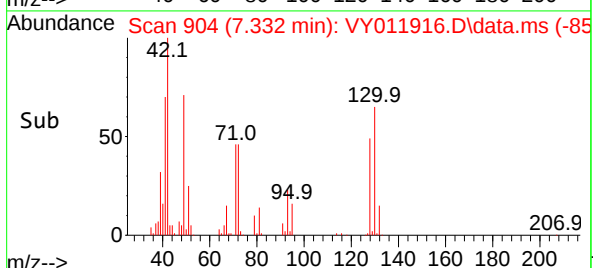
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

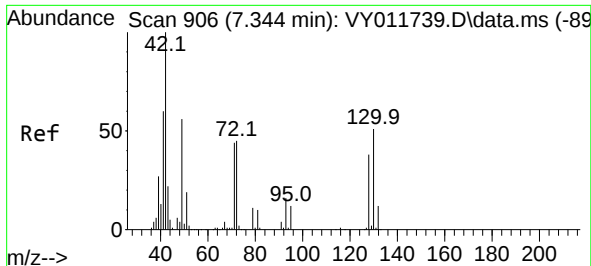


#28
Bromochloromethane
Concen: 113.435 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15



Tgt Ion: 49 Resp: 161412
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 89.7 66.7 100.1





#29

Tetrahydrofuran

Concen: 700.941 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 42 Resp: 336034

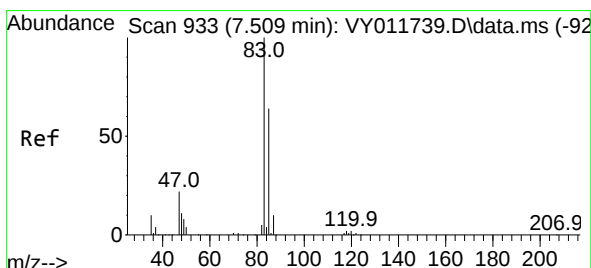
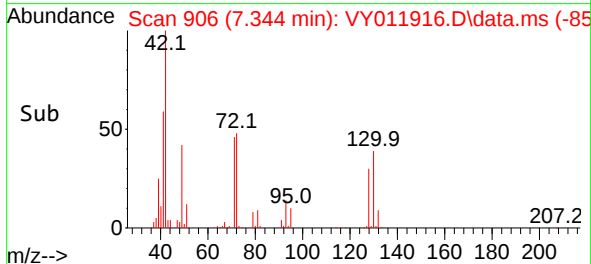
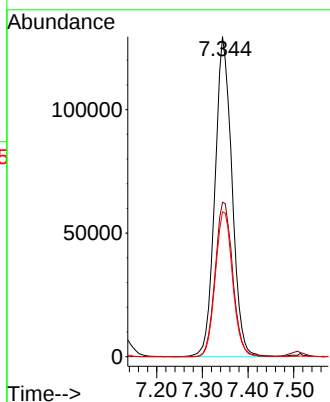
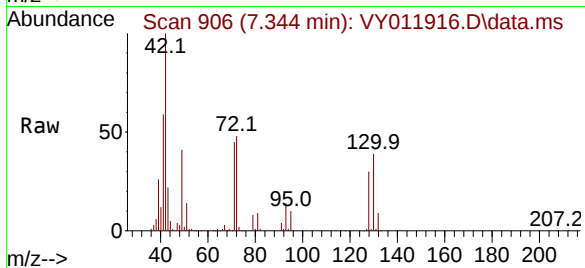
Ion	Ratio	Lower	Upper
42	100		
72	49.6	37.0	55.6
71	46.0	34.9	52.3

Manual Integrations

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Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#30

Chloroform

Concen: 159.032 ug/l

RT: 7.509 min Scan# 933

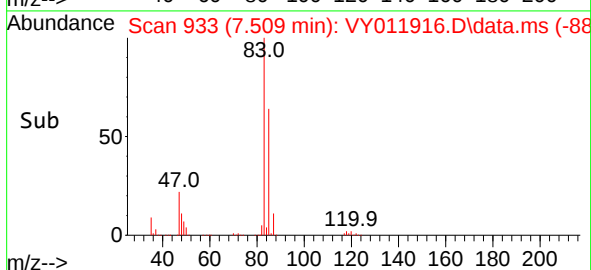
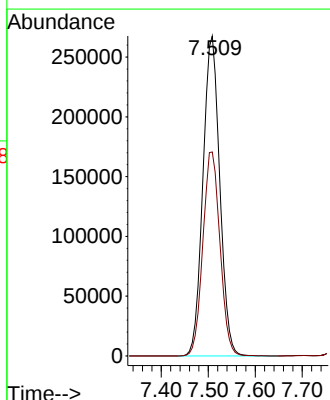
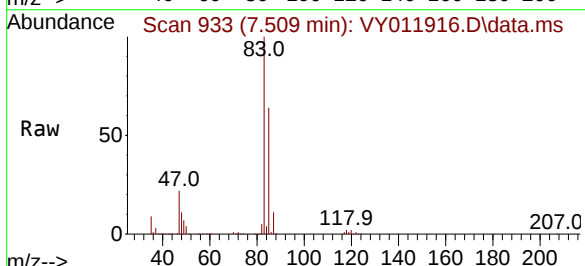
Delta R.T. -0.000 min

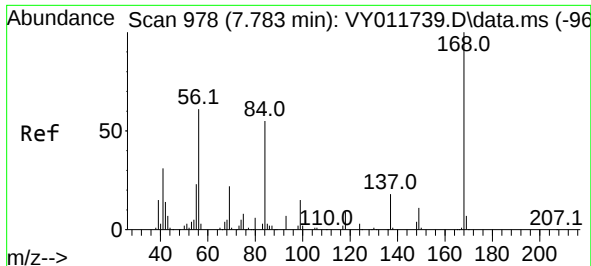
Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Tgt Ion: 83 Resp: 664515

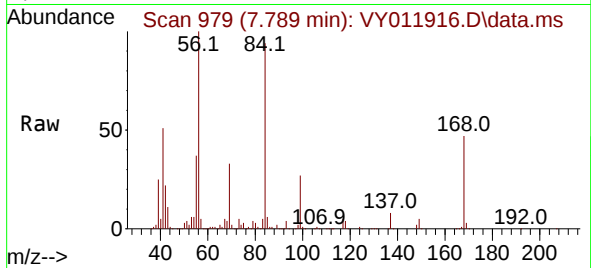
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.5	77.3





#31
Cyclohexane
Concen: 186.290 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

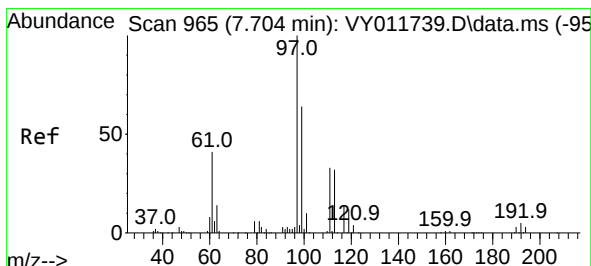
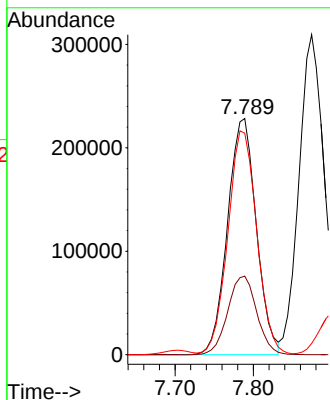
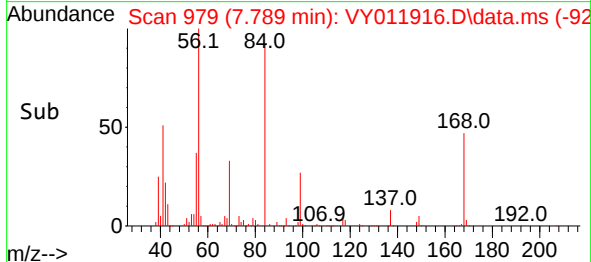
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 58356
Ion Ratio Lower Upper
56 100
69 33.2 29.2 43.8
84 91.8 72.6 108.8

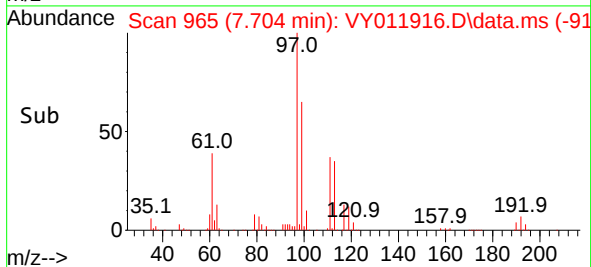
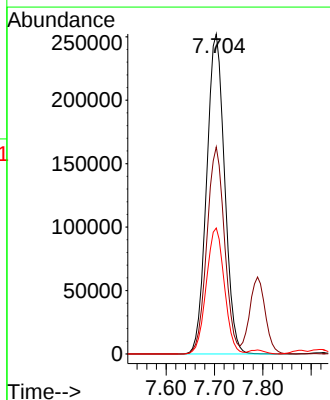
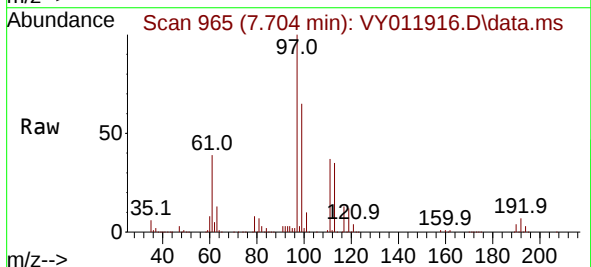
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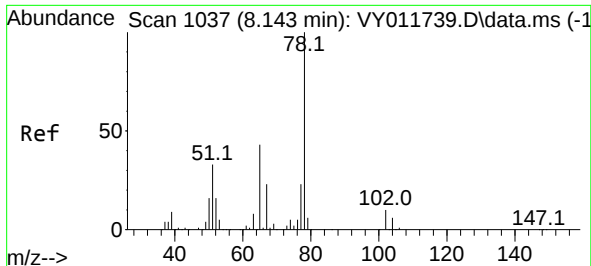
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#32
1,1,1-Trichloroethane
Concen: 174.452 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion: 97 Resp: 650099
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.4
61 39.6 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 174.226 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 33931

Ion Ratio Lower Upper

65 100

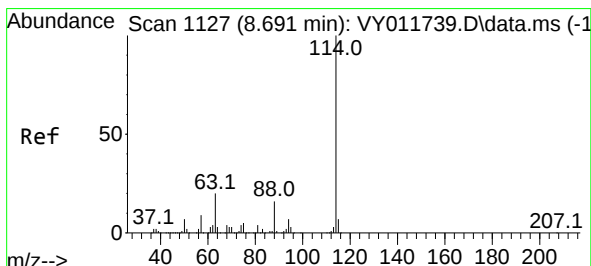
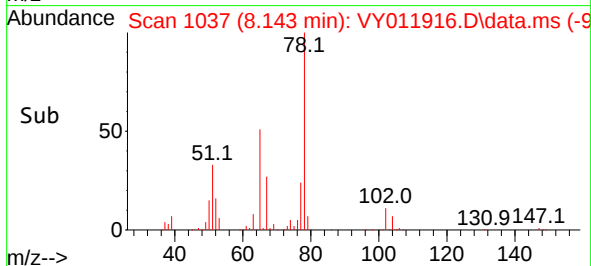
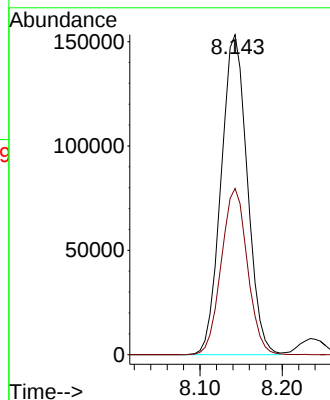
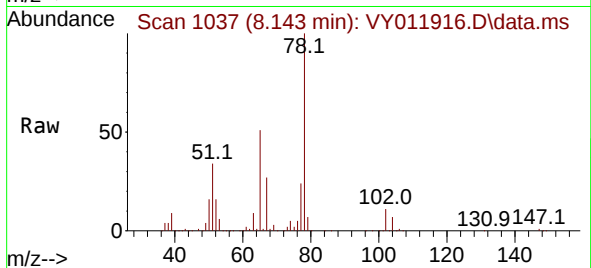
67 51.8 0.0 103.2

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: VY011916.D

Acq: 20 Dec 2022 12:15

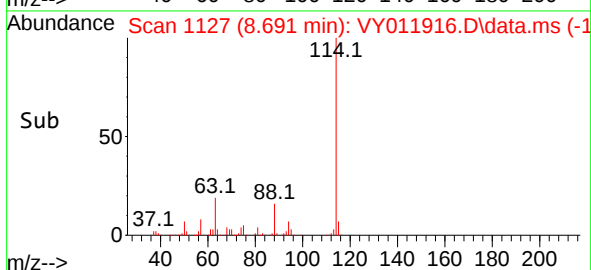
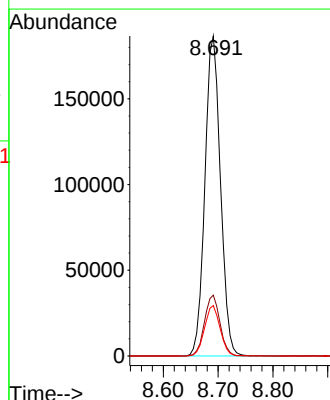
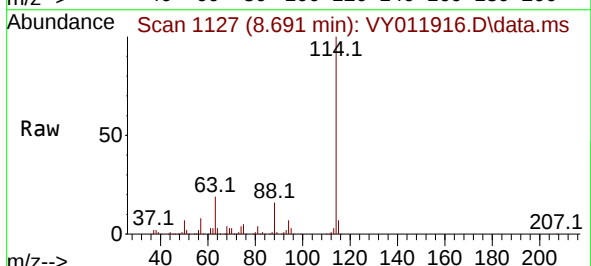
Tgt Ion:114 Resp: 366786

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

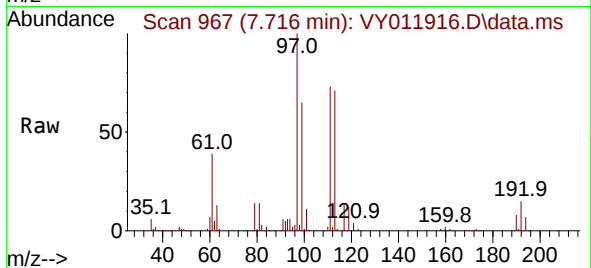
88 15.7 0.0 32.2





#35
Dibromofluoromethane
Concen: 169.577 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

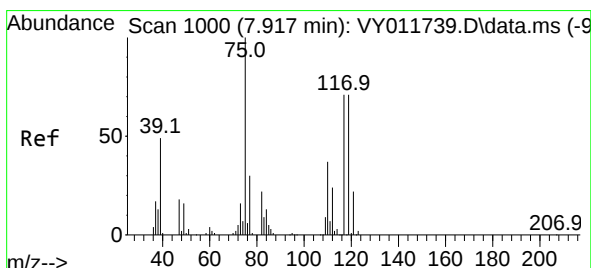
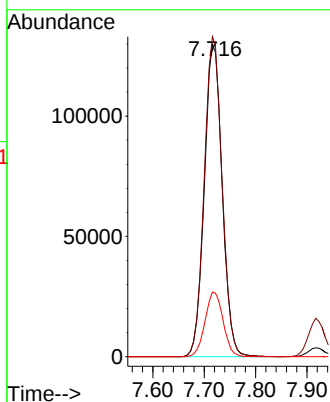
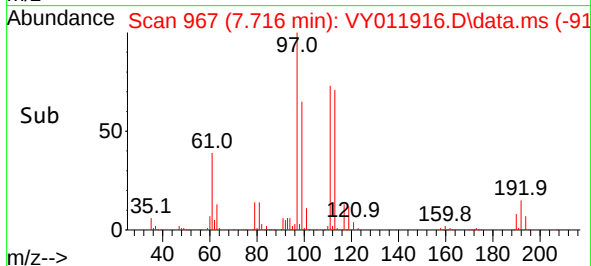
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 113 Resp: 31368
Ion Ratio Lower Upper
113 100
111 102.3 83.0 124.4
192 20.9 16.0 24.0

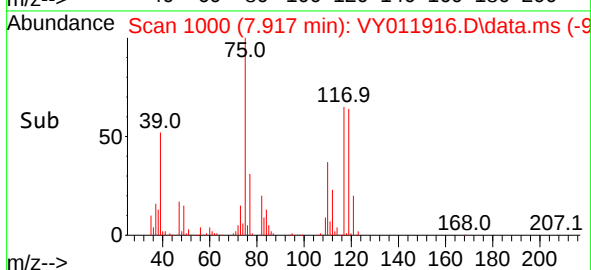
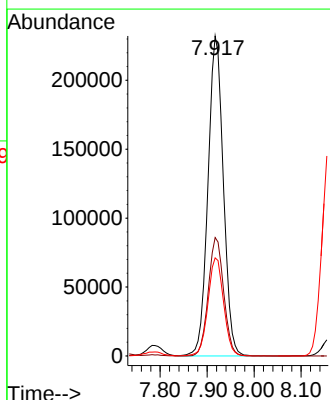
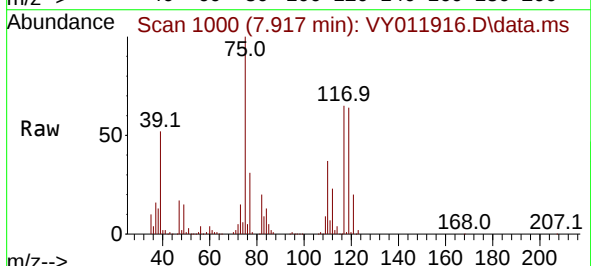
Manual Integrations
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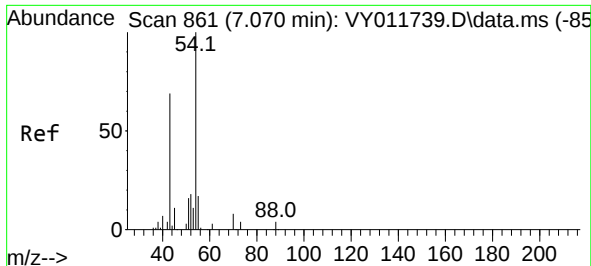
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#36
1,1-Dichloropropene
Concen: 189.057 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion: 75 Resp: 526209
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.1
77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 142.574 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 23200

Ion Ratio Lower Upper

43 100

61 14.6 11.3 16.9

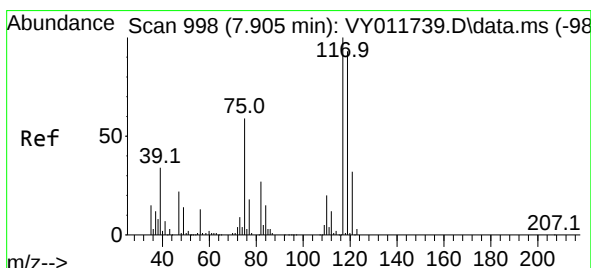
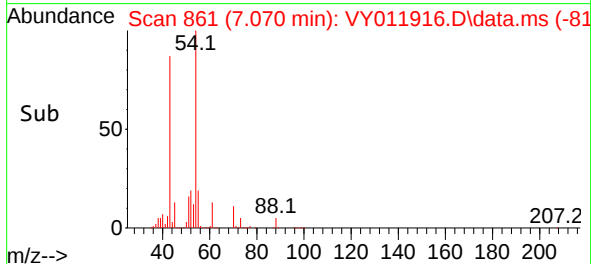
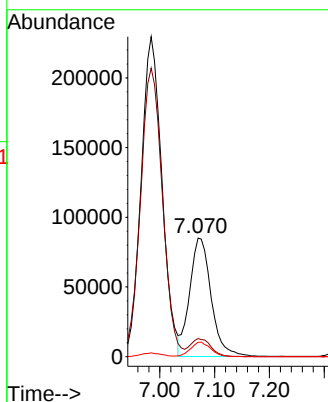
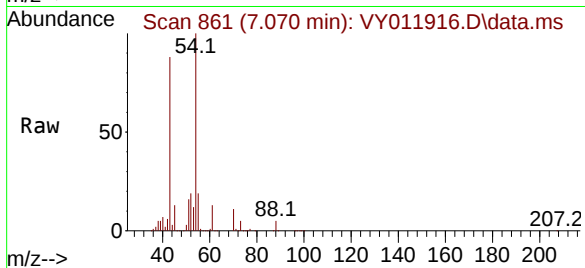
70 11.6 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#38

Carbon Tetrachloride

Concen: 184.842 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

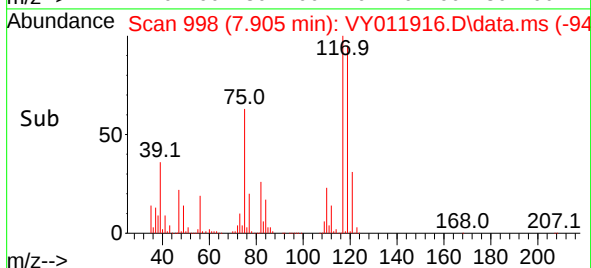
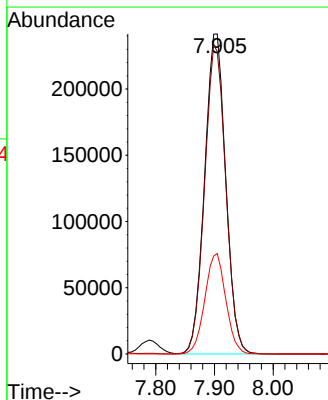
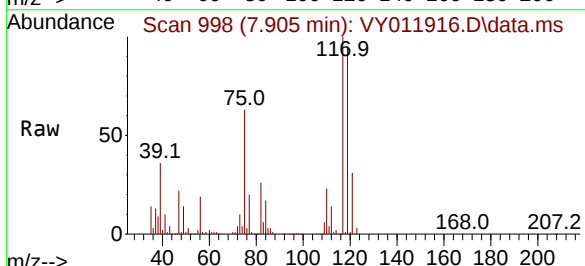
Tgt Ion:117 Resp: 604334

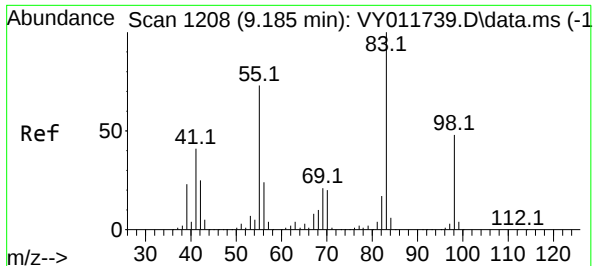
Ion Ratio Lower Upper

117 100

119 94.5 73.8 110.8

121 31.4 25.2 37.8





#39

Methylcyclohexane

Concen: 213.286 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 667964

Ion Ratio Lower Upper

83 100

55 70.8 58.2 87.2

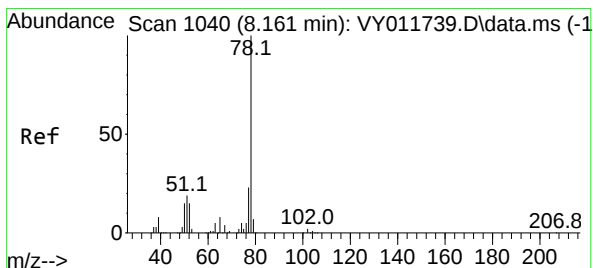
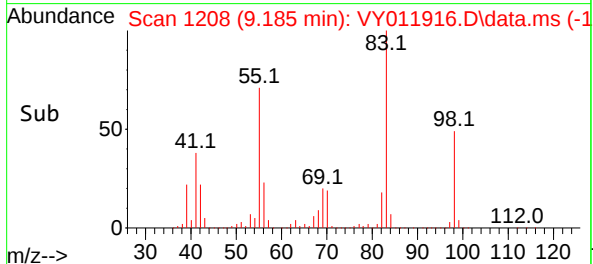
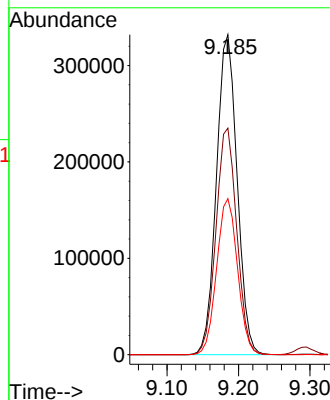
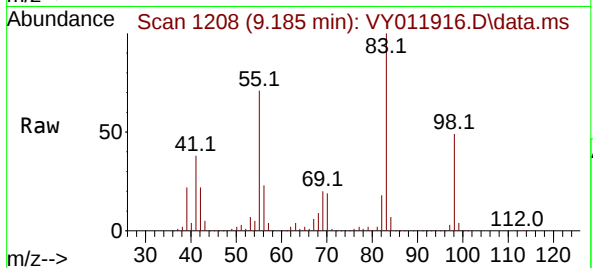
98 48.8 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

Benzene

Concen: 179.185 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY011916.D

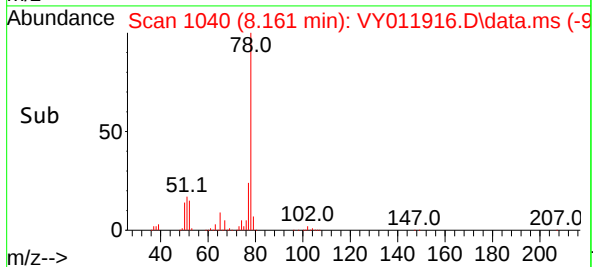
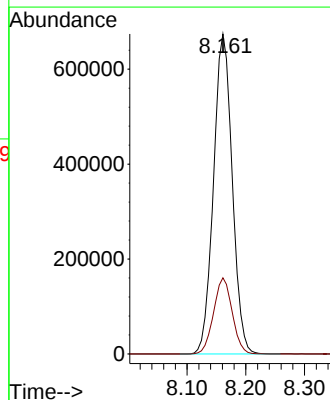
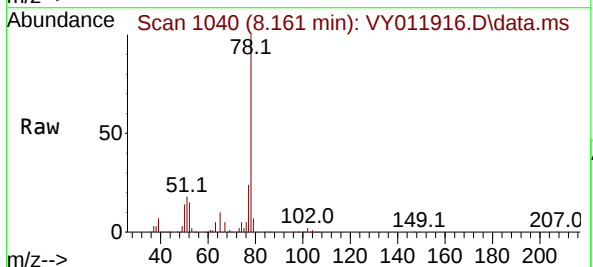
Acq: 20 Dec 2022 12:15

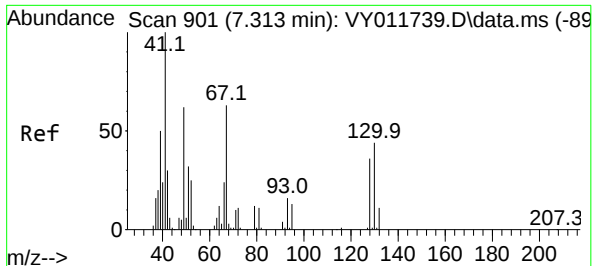
Tgt Ion: 78 Resp: 1489932

Ion Ratio Lower Upper

78 100

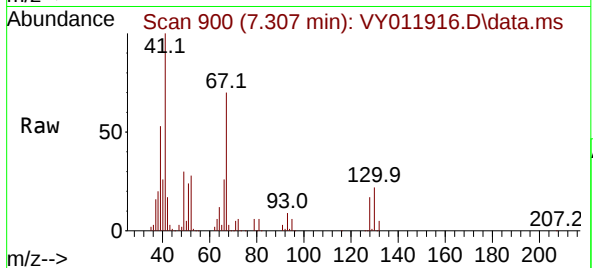
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 152.199 ug/l m
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

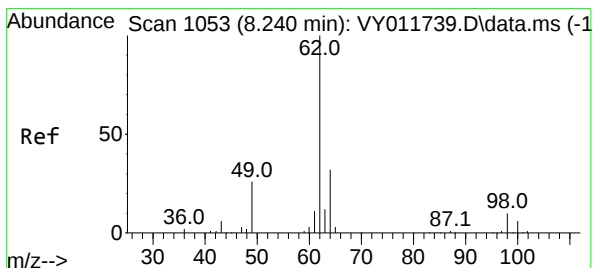
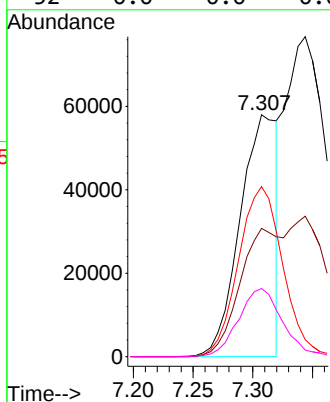
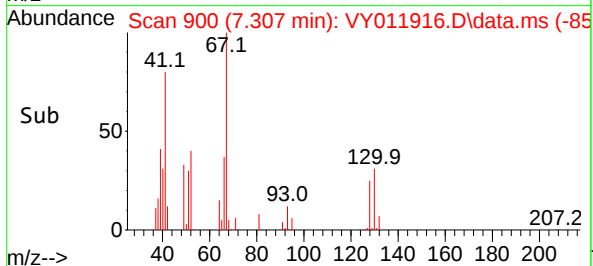
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 125025
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

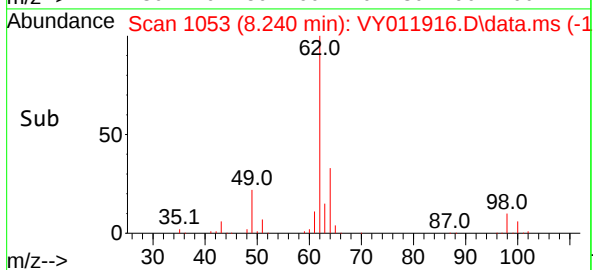
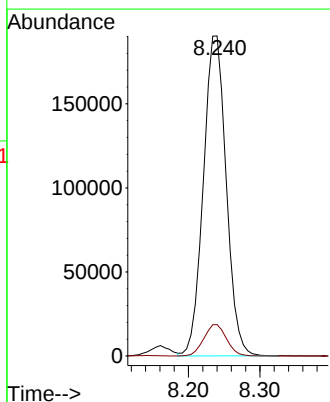
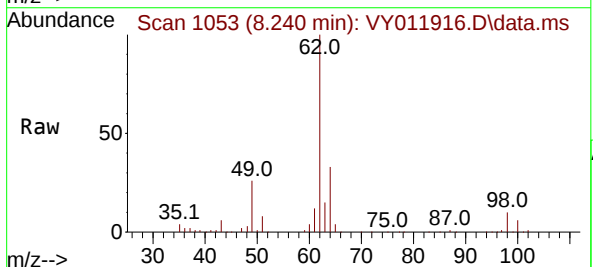
Manual Integrations
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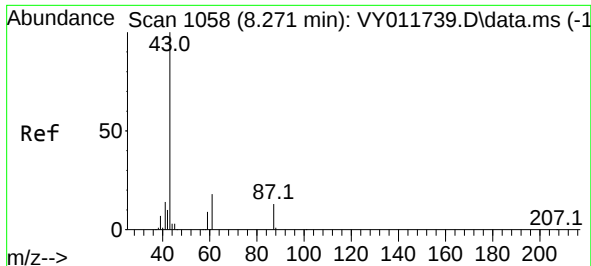
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#42
1,2-Dichloroethane
Concen: 164.327 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion: 62 Resp: 422535
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6





#43

Isopropyl Acetate

Concen: 149.228 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 440318

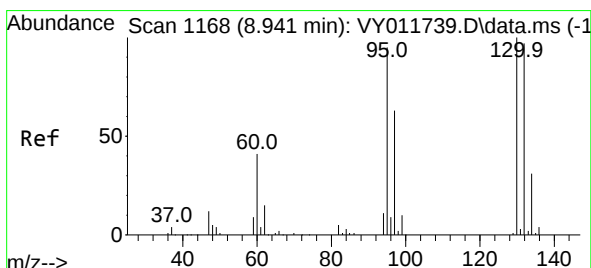
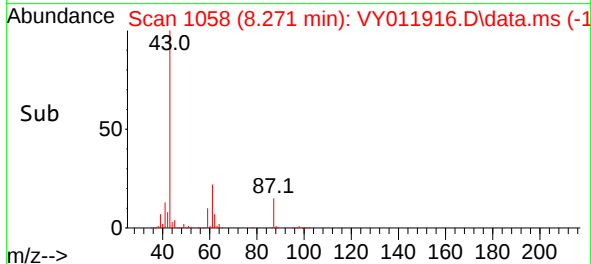
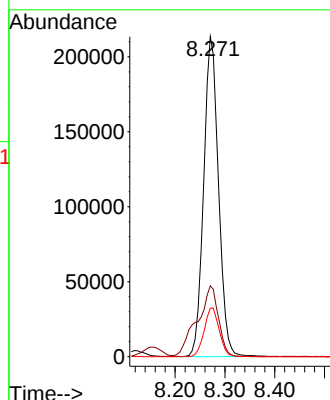
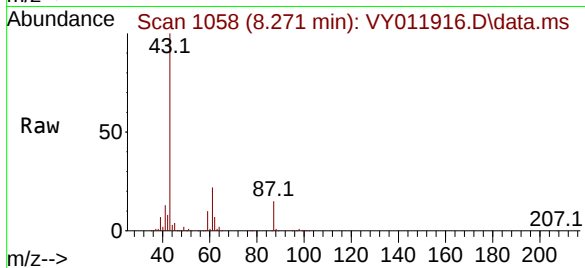
Ion	Ratio	Lower	Upper
43	100		
61	31.7	24.4	36.6
87	15.5	11.4	17.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#44

Trichloroethene

Concen: 181.481 ug/l

RT: 8.941 min Scan# 1168

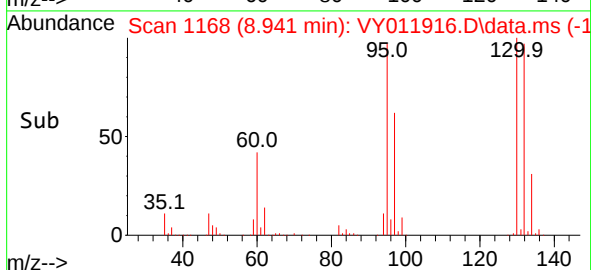
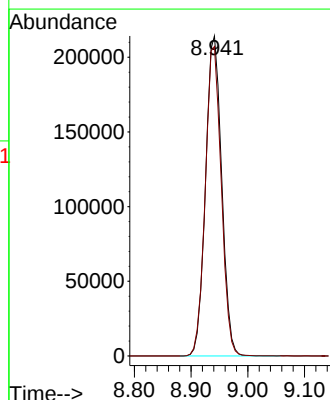
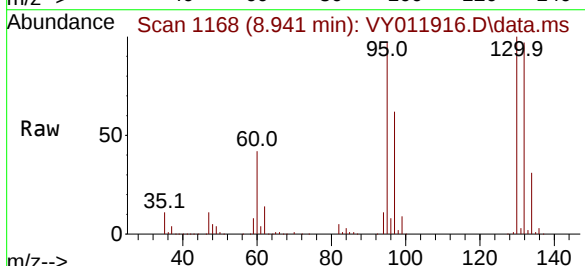
Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Tgt Ion:130 Resp: 422625

Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	190.6





#45

1,2-Dichloropropane

Concen: 156.978 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 33783

Ion Ratio Lower Upper

63 100

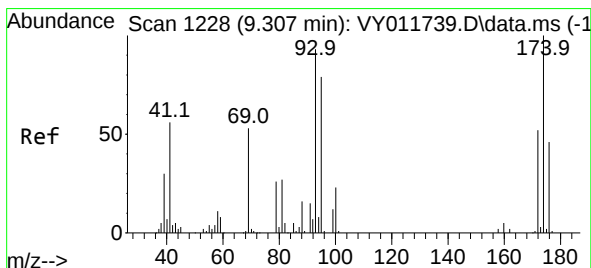
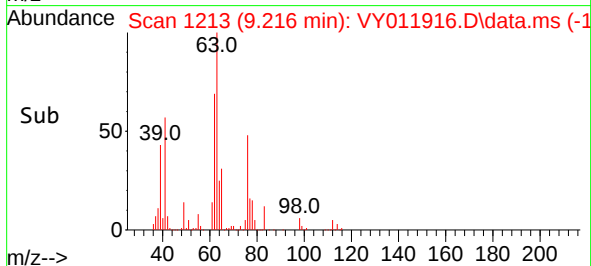
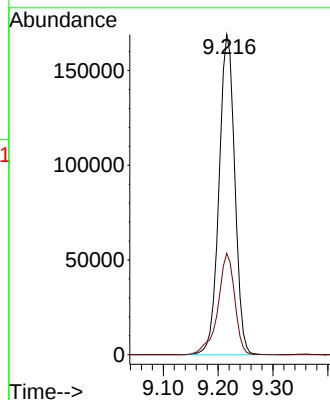
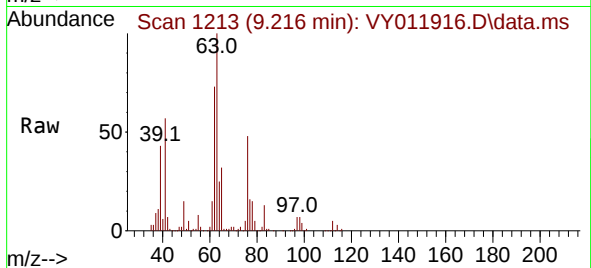
65 31.6 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 160.407 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

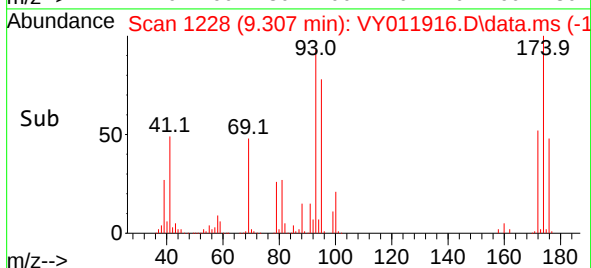
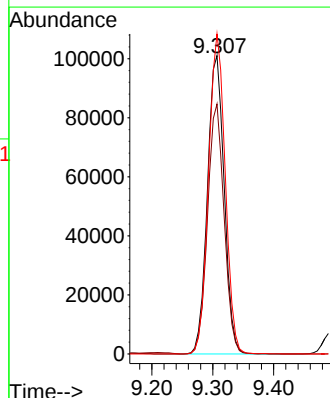
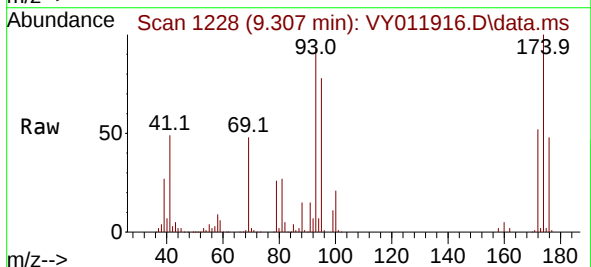
Tgt Ion: 93 Resp: 193239

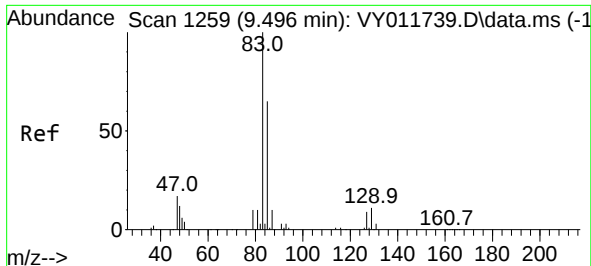
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

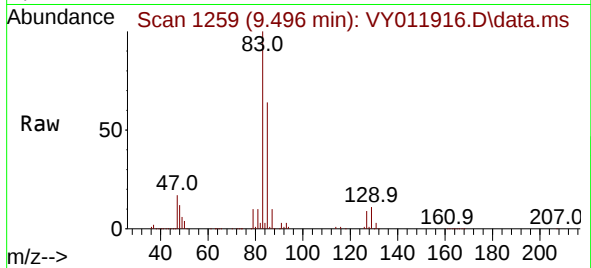
174 107.1 84.7 127.1





#47
Bromodichloromethane
Concen: 161.297 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

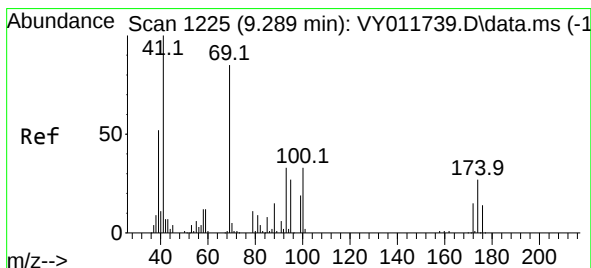
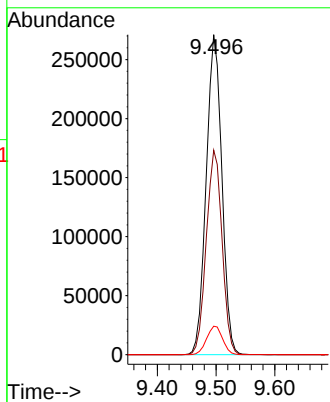
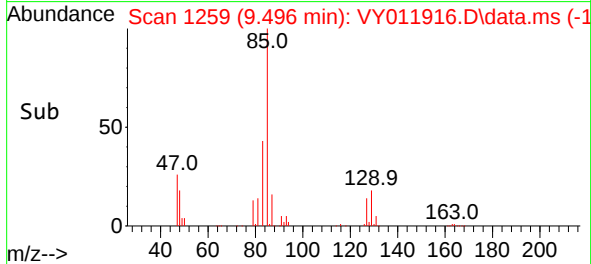
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



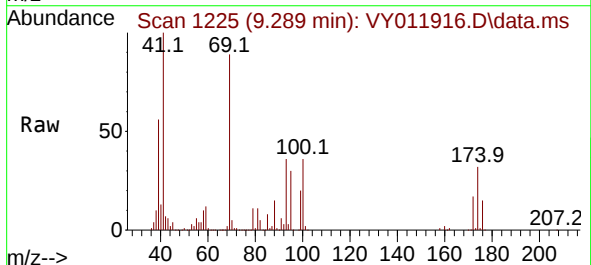
Tgt Ion: 83 Resp: 501992
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0
127 8.9 7.3 10.9

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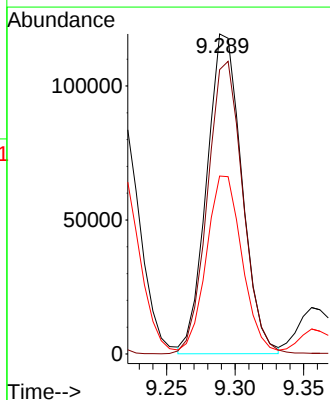
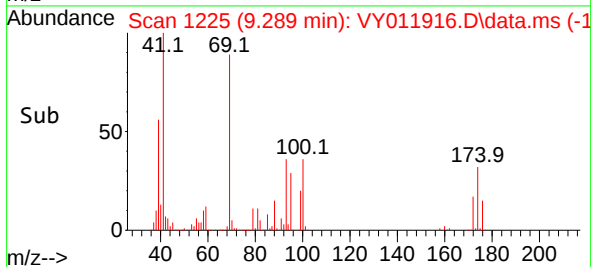
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

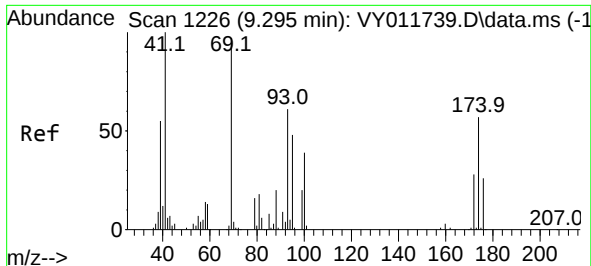


#48
Methyl methacrylate
Concen: 163.813 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15



Tgt Ion: 41 Resp: 213062
Ion Ratio Lower Upper
41 100
69 92.0 74.2 111.2
39 54.4 46.3 69.5





#49

1,4-Dioxane

Concen: 2990.183 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

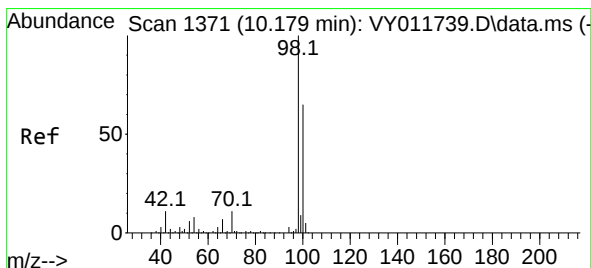
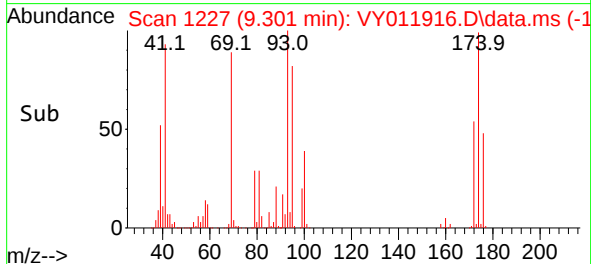
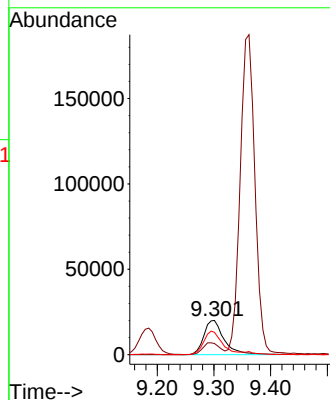
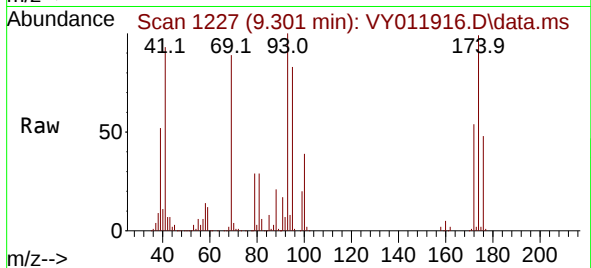
Tgt Ion:	88	Resp:	4990
Ion	Ratio	Lower	Upper
88	100		
43	28.4	26.2	39.2
58	62.2	54.3	81.5

Manual Integrations

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Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 199.442 ug/l

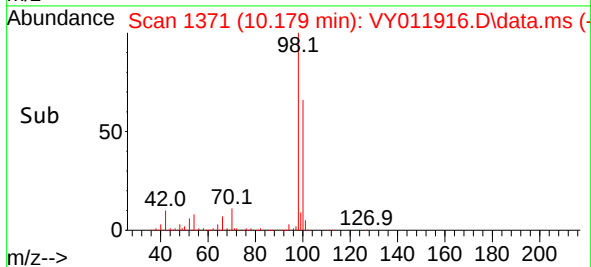
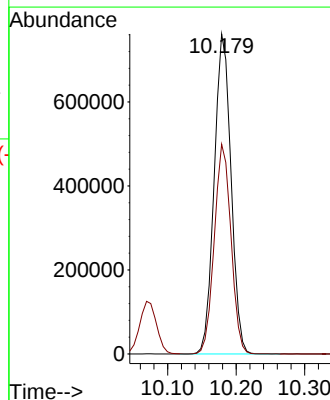
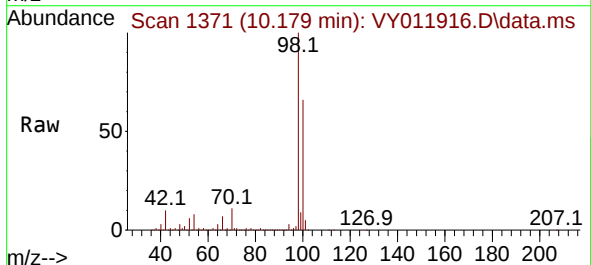
RT: 10.179 min Scan# 1371

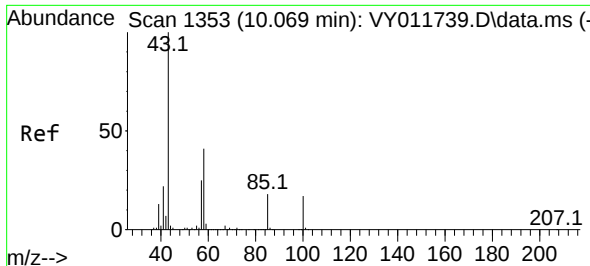
Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Tgt Ion:	98	Resp:	1294154
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9





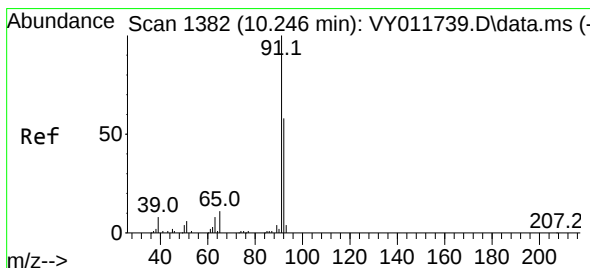
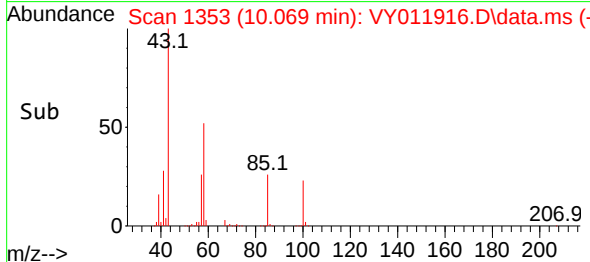
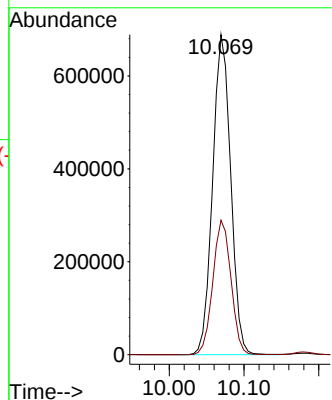
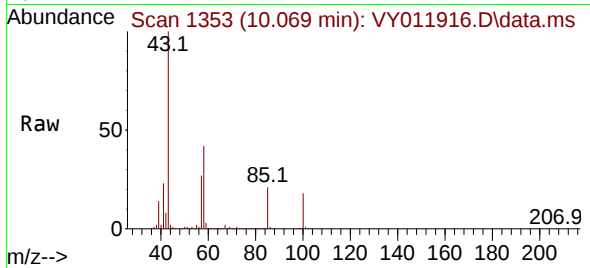
#51
4-Methyl-2-Pentanone
Concen: 711.205 ug/l
RT: 10.069 min Scan# 1156300
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 1156300
Ion Ratio Lower Upper
43 100
58 42.2 32.9 49.3

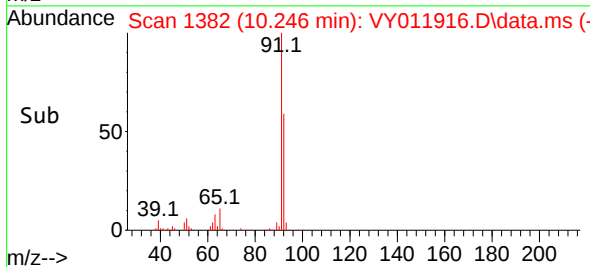
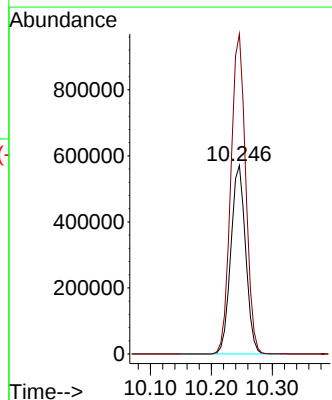
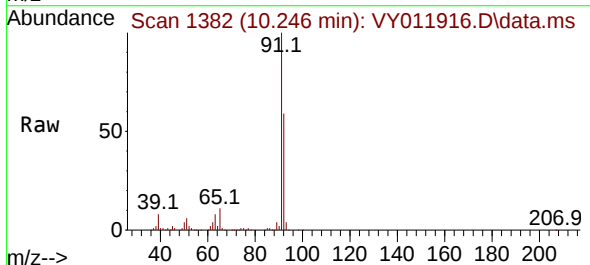
Manual Integrations
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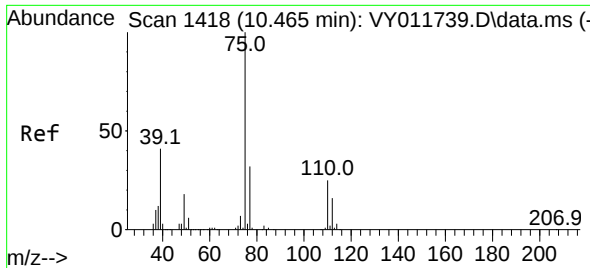
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#52
Toluene
Concen: 181.805 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion: 92 Resp: 961038
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.0





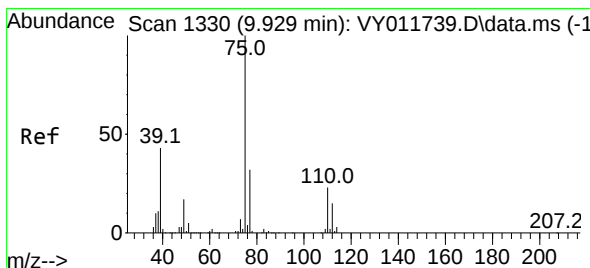
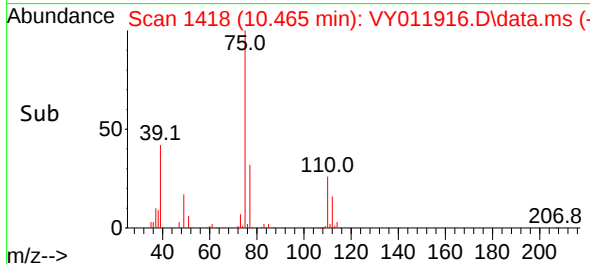
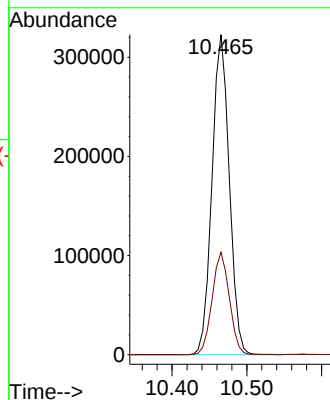
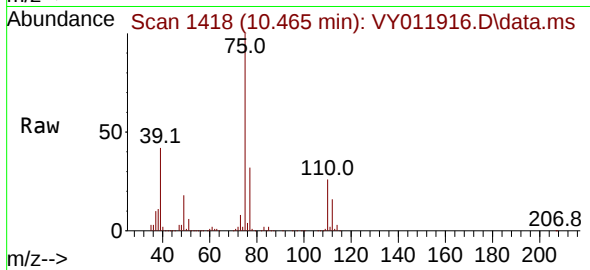
#53
t-1,3-Dichloropropene
Concen: 166.650 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 518060
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8

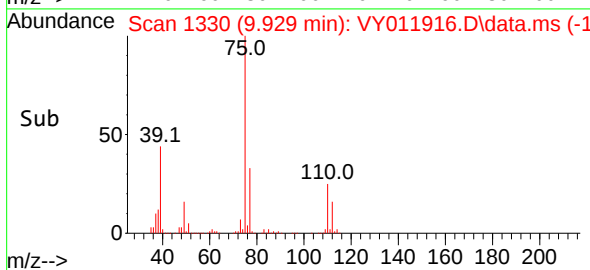
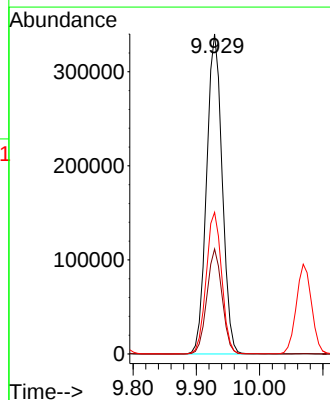
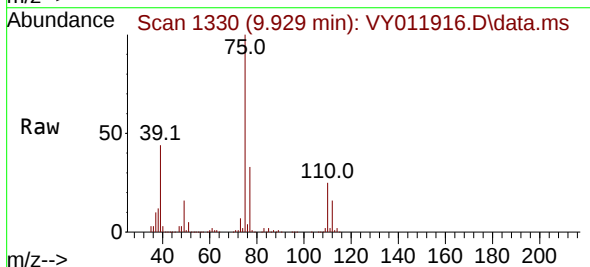
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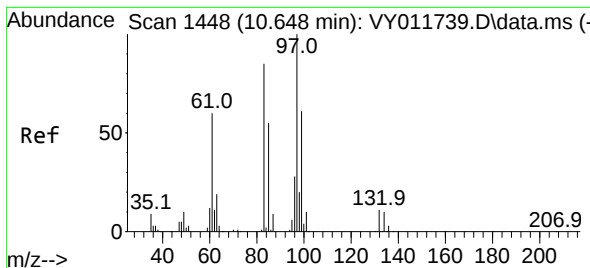
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#54
cis-1,3-Dichloropropene
Concen: 167.151 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

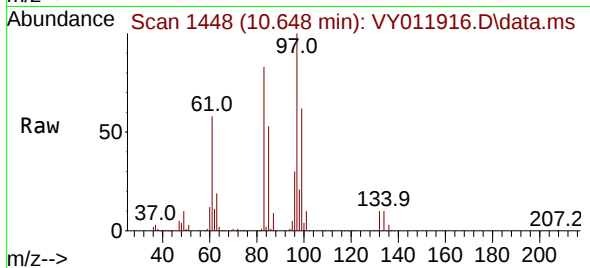
Tgt Ion: 75 Resp: 583816
Ion Ratio Lower Upper
75 100
77 32.8 25.9 38.9
39 44.2 34.6 52.0





#55
1,1,2-Trichloroethane
Concen: 152.312 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

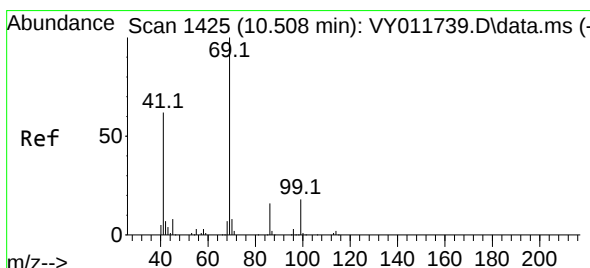
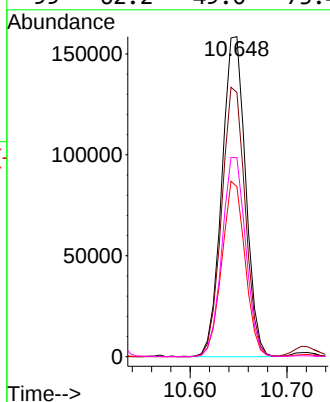
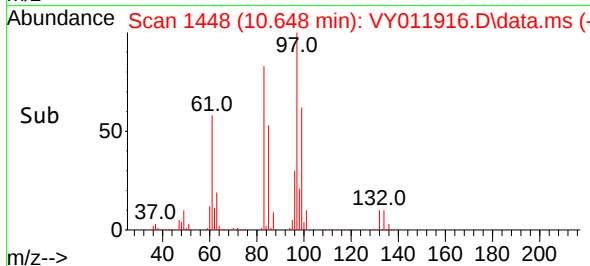


Tgt Ion: 97 Resp: 271199

Ion	Ratio	Lower	Upper
97	100		
83	82.6	67.7	101.5
85	53.2	43.8	65.8
99	62.2	49.0	73.4

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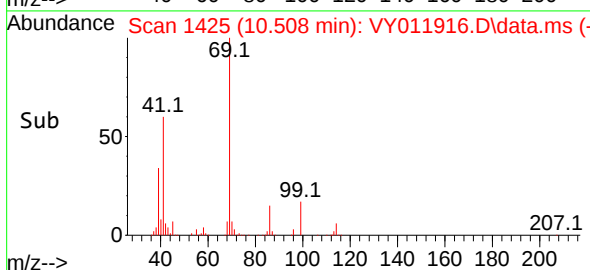
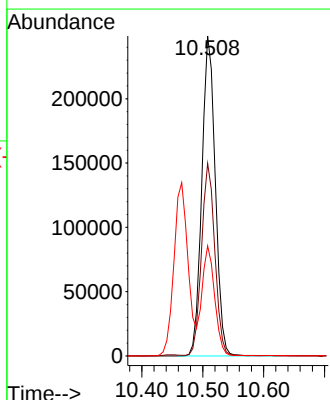
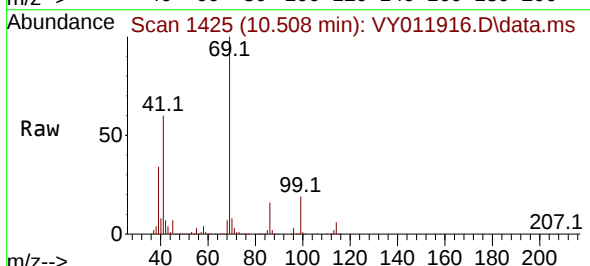
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

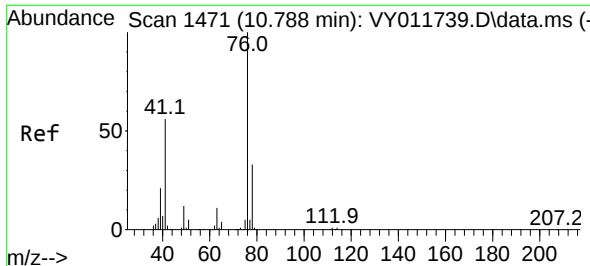


#56
Ethyl methacrylate
Concen: 166.370 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion: 69 Resp: 382402

Ion	Ratio	Lower	Upper
69	100		
41	59.4	48.9	73.3
39	31.9	25.9	38.9





#57

1,3-Dichloropropane

Concen: 155.446 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 46136

Ion Ratio Lower Upper

76 100

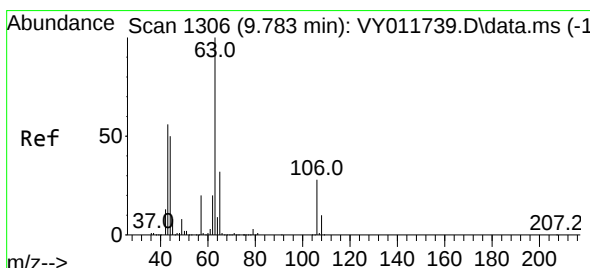
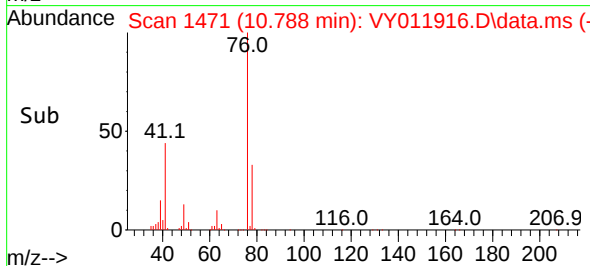
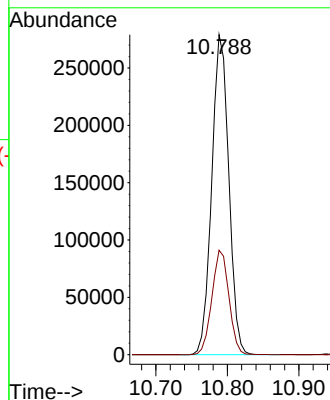
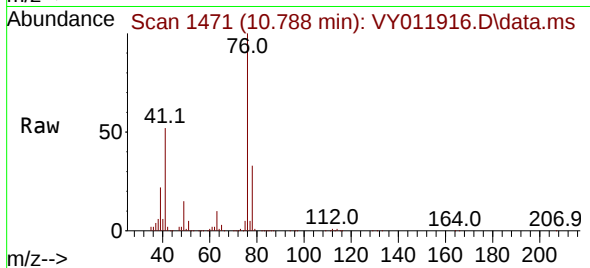
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 648.499 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY011916.D

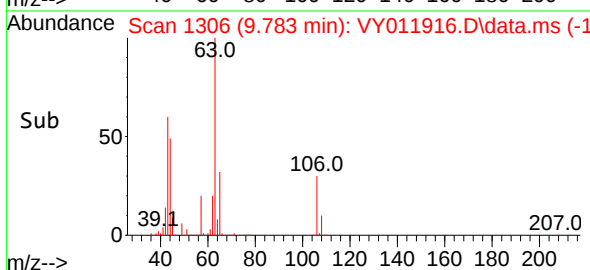
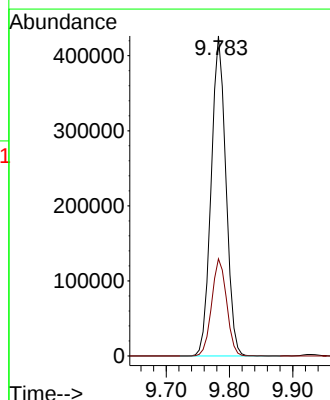
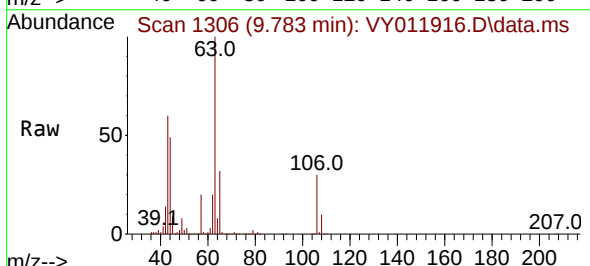
Acq: 20 Dec 2022 12:15

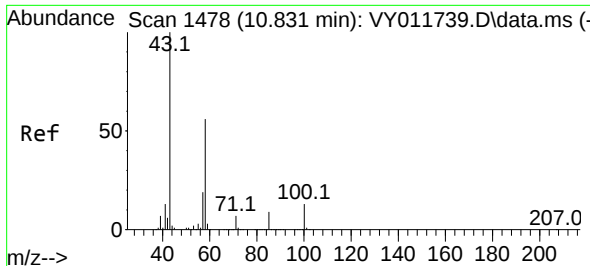
Tgt Ion: 63 Resp: 691180

Ion Ratio Lower Upper

63 100

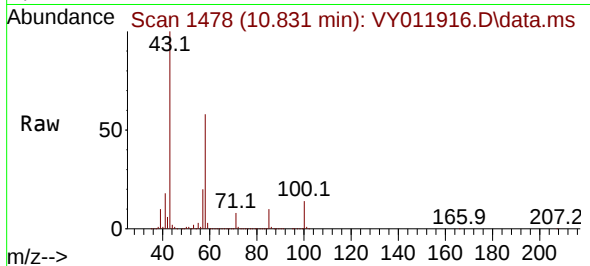
106 30.7 23.2 34.8





#59
2-Hexanone
Concen: 758.373 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

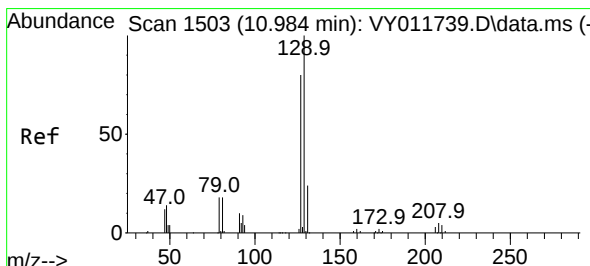
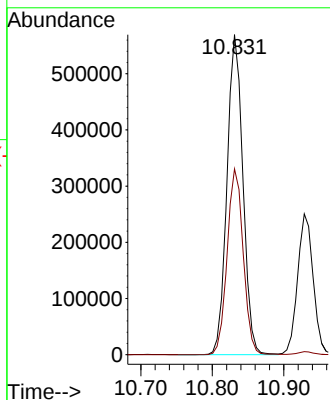
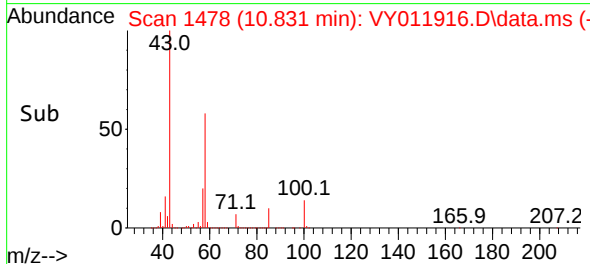
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



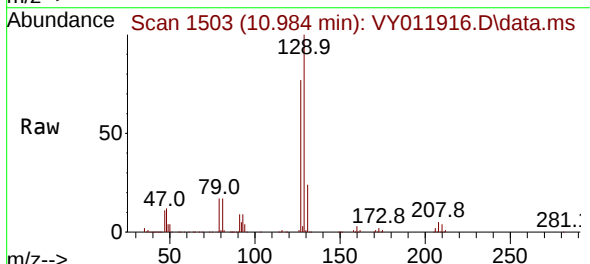
Tgt Ion: 43 Resp: 880958
Ion Ratio Lower Upper
43 100
58 58.5 28.4 85.2

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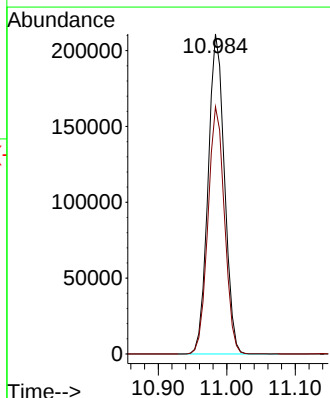
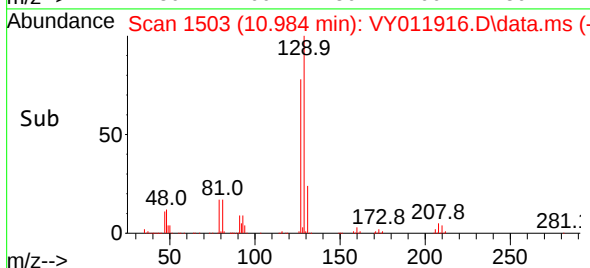
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

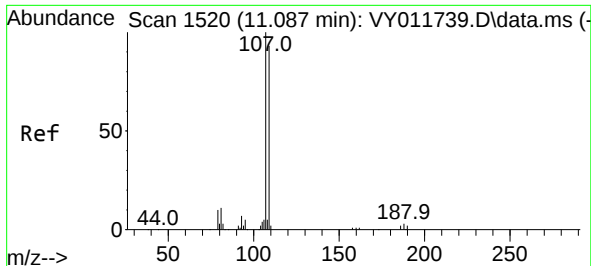


#60
Dibromochloromethane
Concen: 156.902 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15



Tgt Ion:129 Resp: 349907
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6





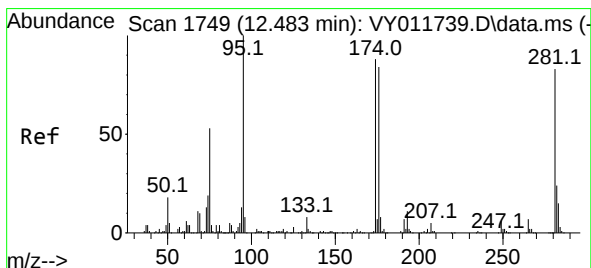
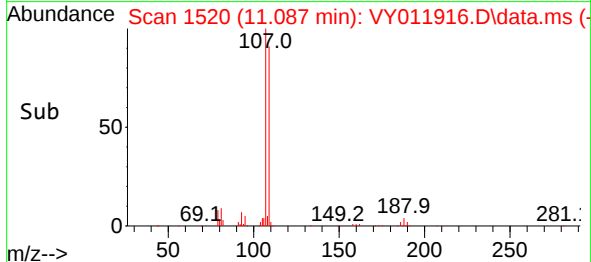
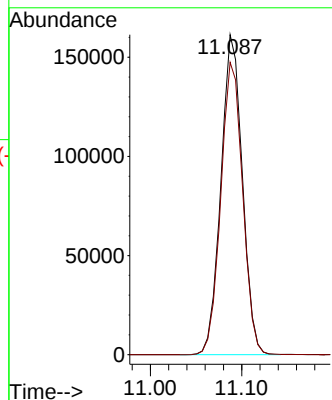
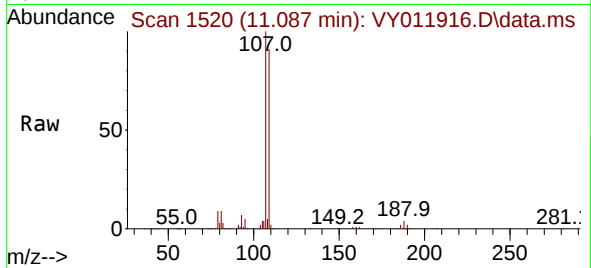
#61
1,2-Dibromoethane
Concen: 163.105 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:107 Resp: 263099
Ion Ratio Lower Upper
107 100
109 93.2 75.8 113.6

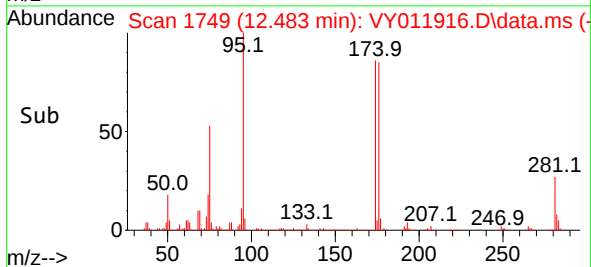
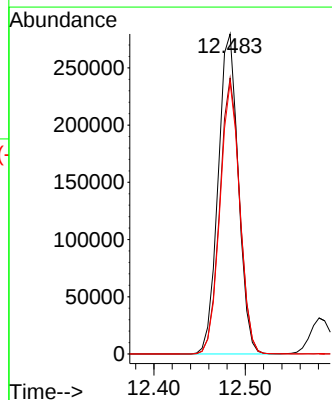
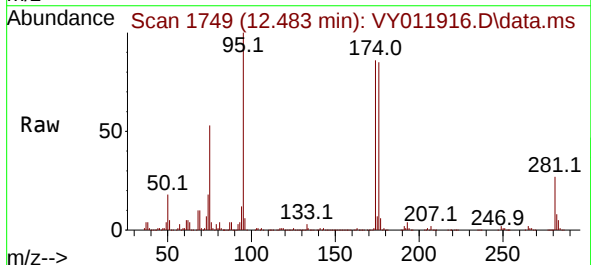
Manual Integrations
APPROVED

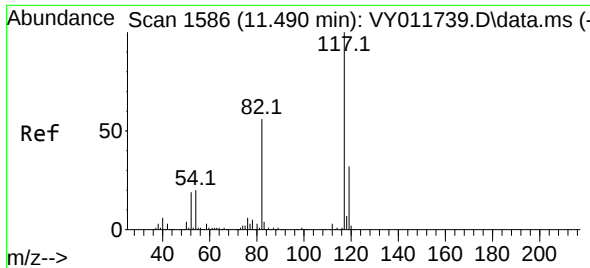
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#62
4-Bromofluorobenzene
Concen: 172.140 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

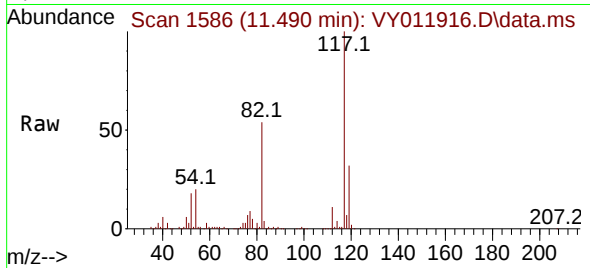
Tgt Ion: 95 Resp: 428889
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.0
176 83.1 0.0 167.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

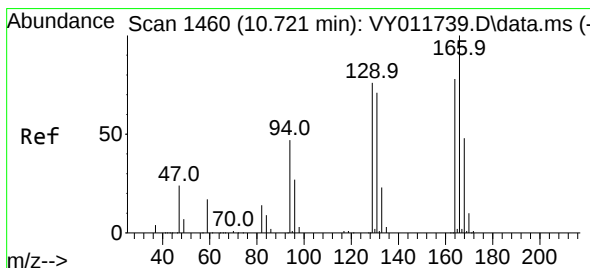
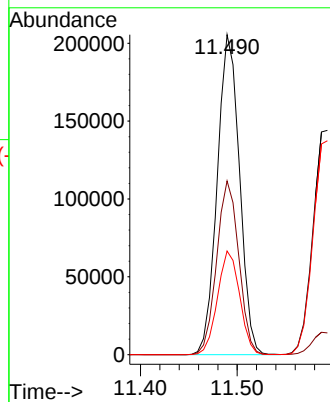
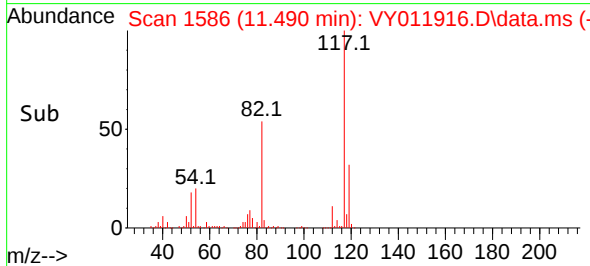
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 32851
Ion Ratio Lower Upper
117 100
82 54.3 44.8 67.2
119 32.4 25.4 38.2

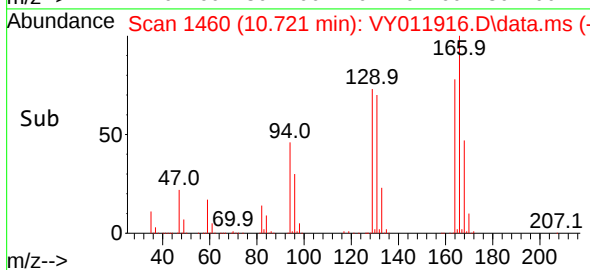
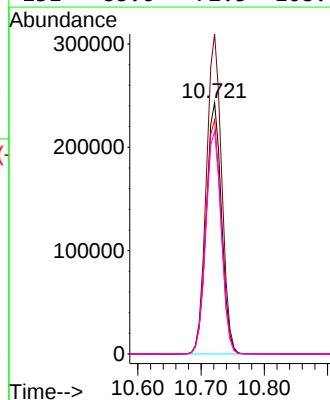
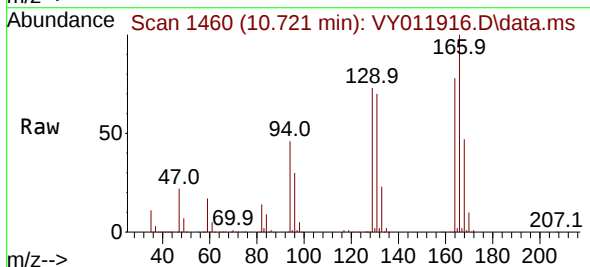
Manual Integrations
APPROVED

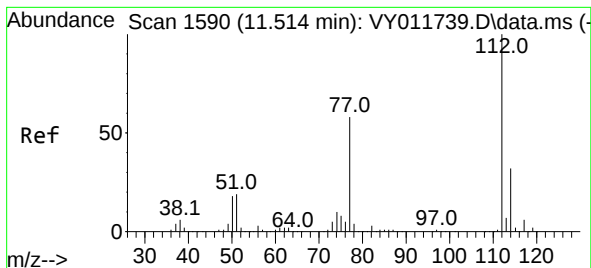
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
Tetrachloroethene
Concen: 175.653 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion:164 Resp: 408263
Ion Ratio Lower Upper
164 100
166 127.4 102.3 153.5
129 93.3 77.2 115.8
131 88.6 72.5 108.7





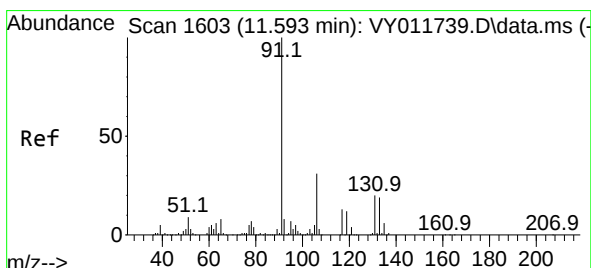
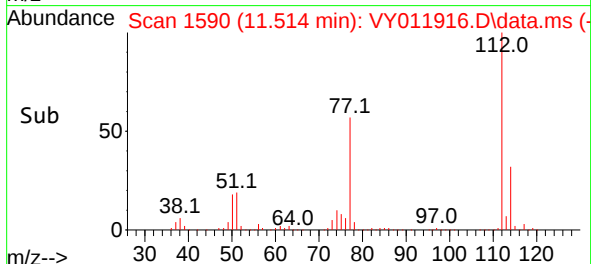
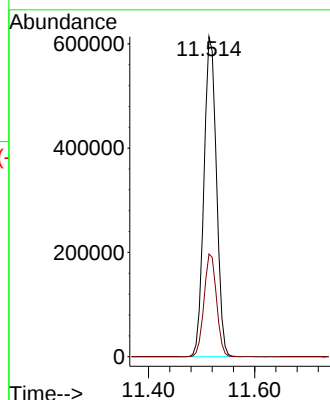
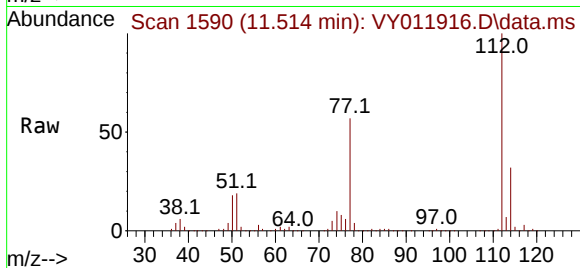
#65
Chlorobenzene
Concen: 169.389 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 100265
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

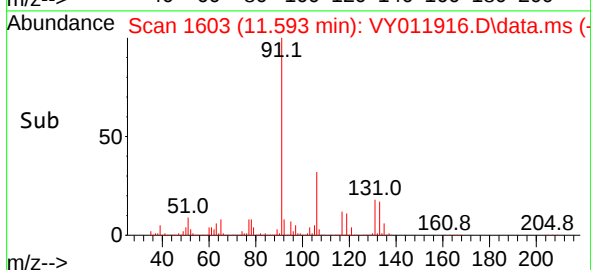
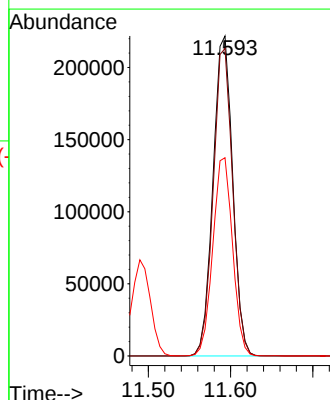
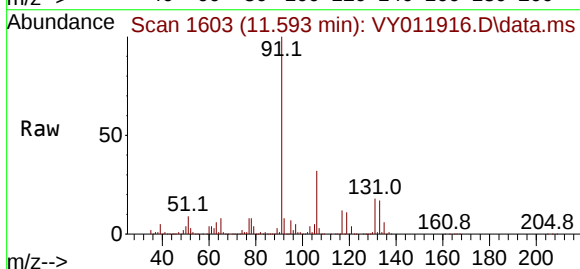
Manual Integrations
APPROVED

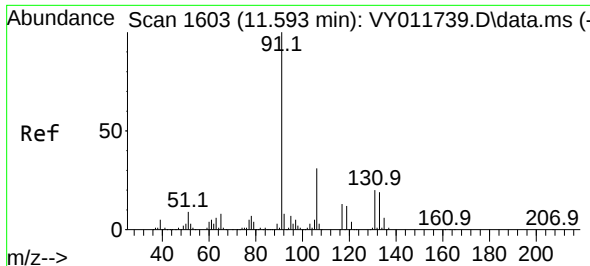
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 160.382 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

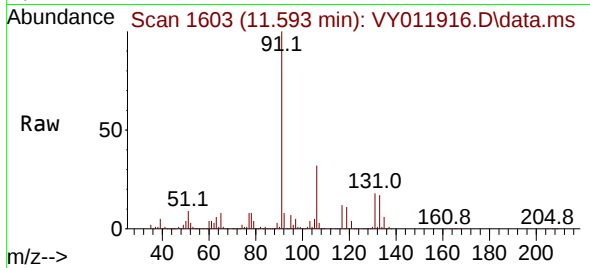
Tgt Ion:131 Resp: 368290
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 62.3 32.1 96.3





#67
Ethyl Benzene
Concen: 179.574 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

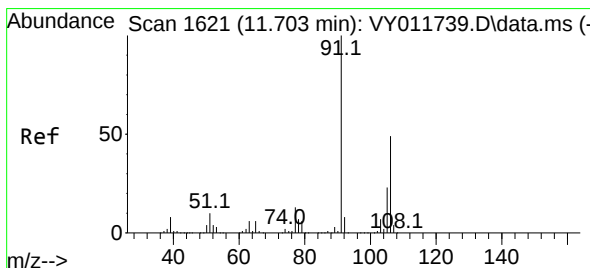
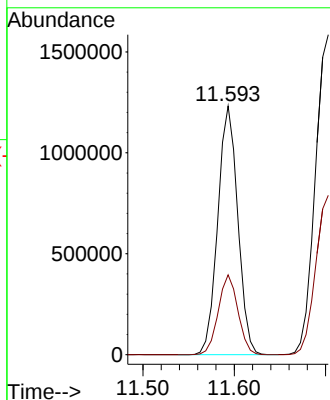
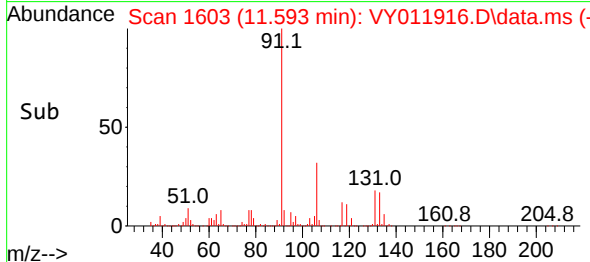
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



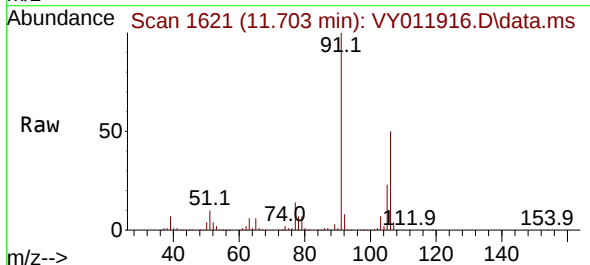
Tgt Ion: 91 Resp: 1872927
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4

Manual Integrations
APPROVED

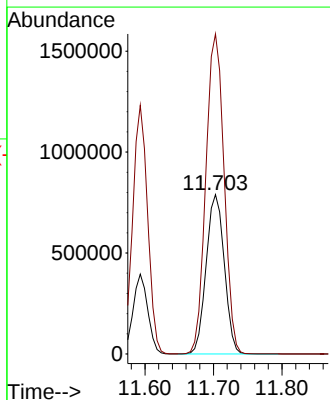
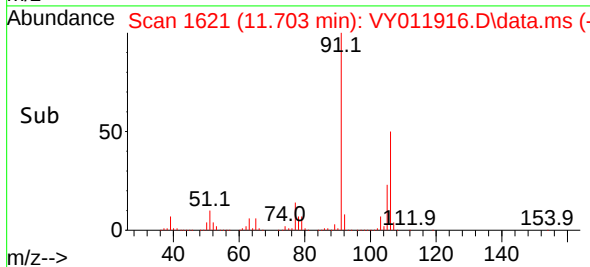
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

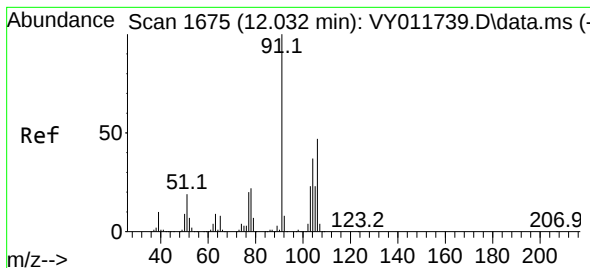


#68
m/p-Xylenes
Concen: 363.148 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15



Tgt Ion:106 Resp: 1450500
Ion Ratio Lower Upper
106 100
91 202.0 162.5 243.7





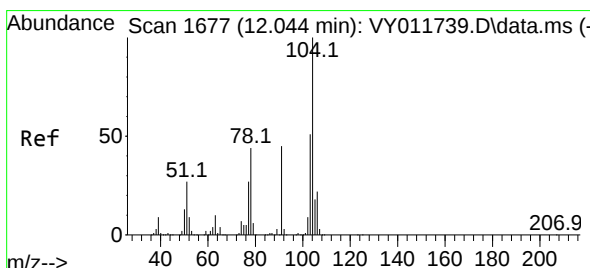
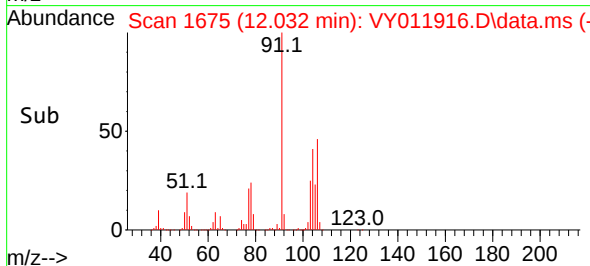
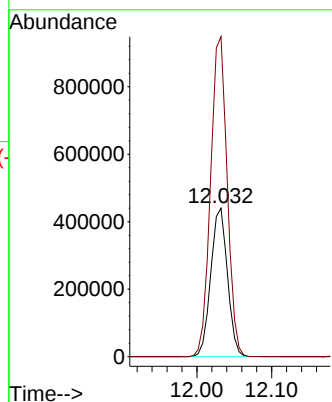
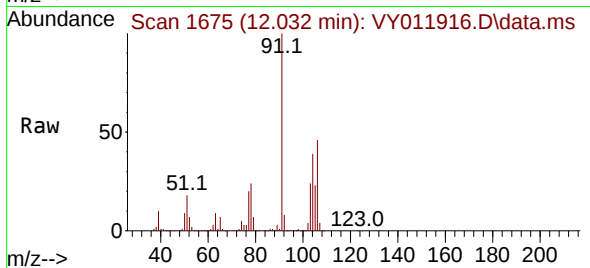
#69
o-Xylene
Concen: 179.416 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 683074
Ion Ratio Lower Upper
106 100
91 214.7 107.5 322.4

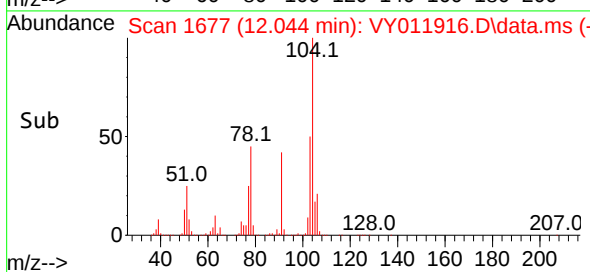
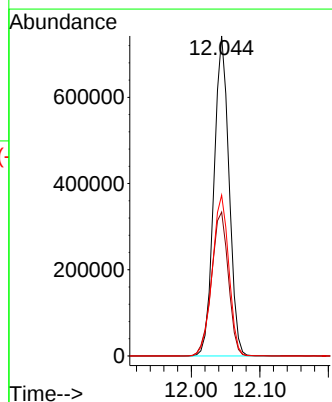
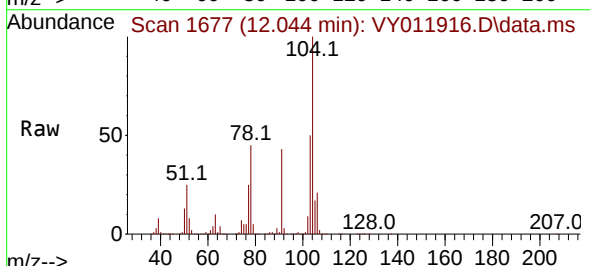
Manual Integrations
APPROVED

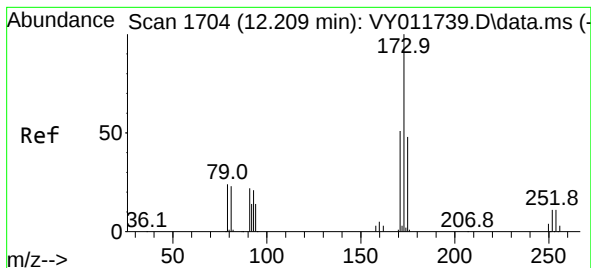
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 174.267 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion:104 Resp: 1132385
Ion Ratio Lower Upper
104 100
78 50.4 39.4 59.0
103 55.0 43.0 64.4





#71

Bromoform

Concen: 156.454 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 22160

Ion Ratio Lower Upper

173 100

175 47.3 23.8 71.5

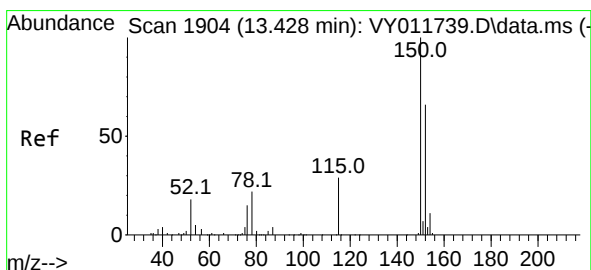
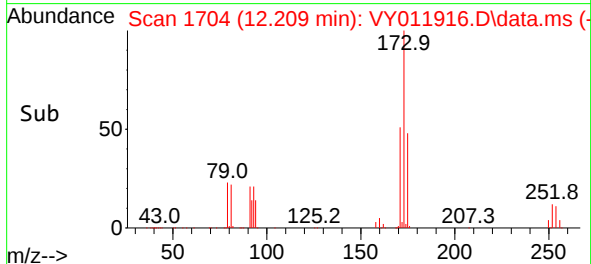
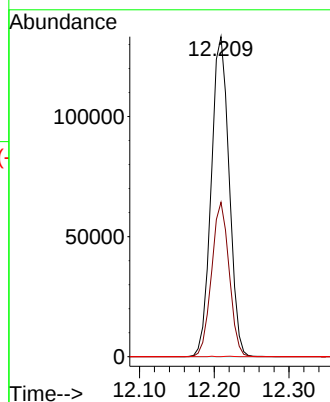
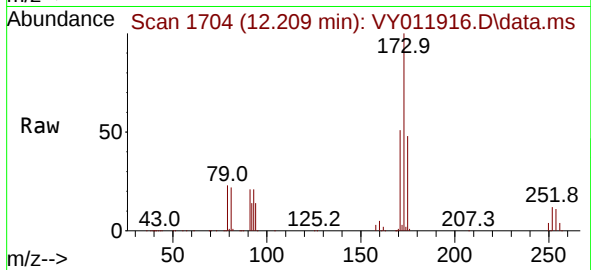
254 0.1 0.1 0.1

Manual Integrations

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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: VY011916.D

Acq: 20 Dec 2022 12:15

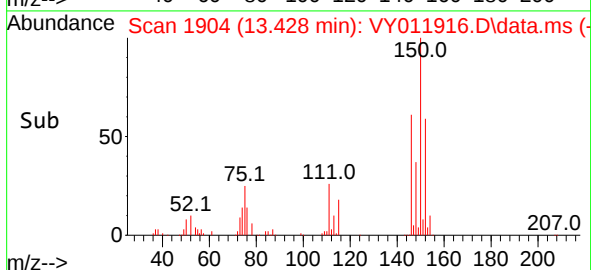
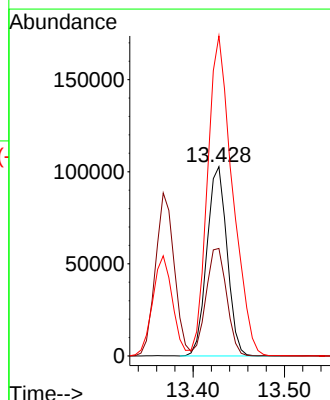
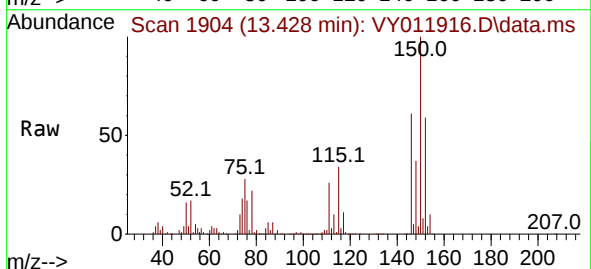
Tgt Ion:152 Resp: 157318

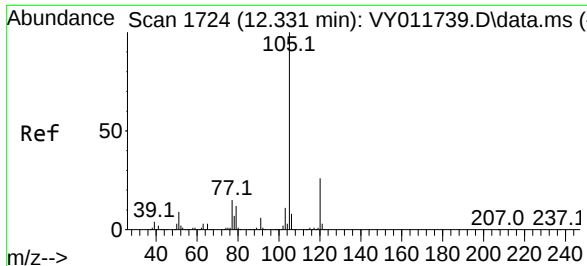
Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

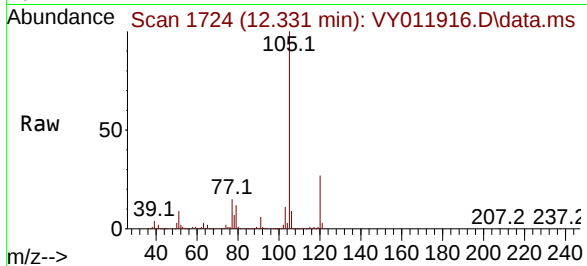
150 209.7 0.0 342.6





#73
Isopropylbenzene
Concen: 179.295 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

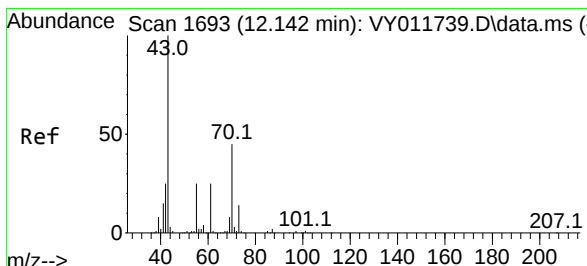
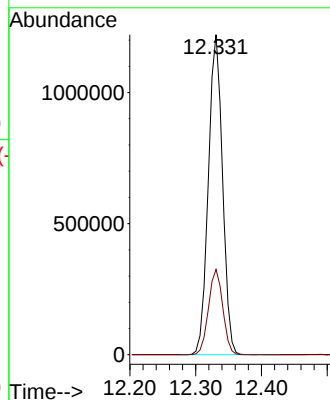
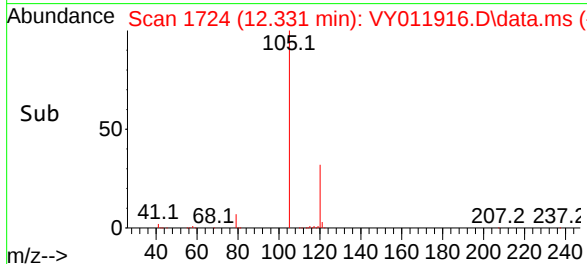
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



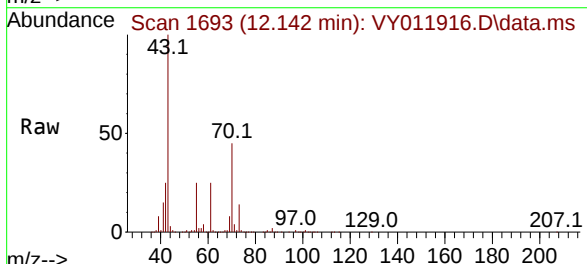
Tgt Ion:105 Resp: 1827490
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6

Manual Integrations
APPROVED

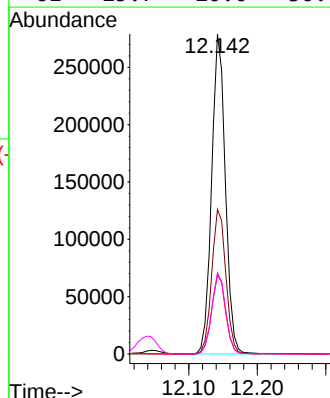
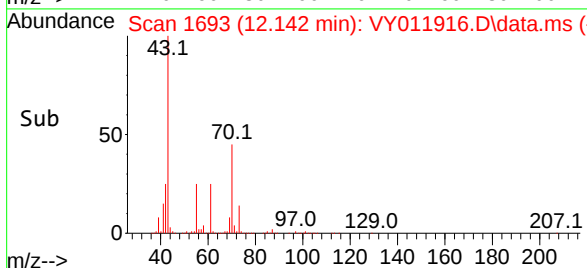
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

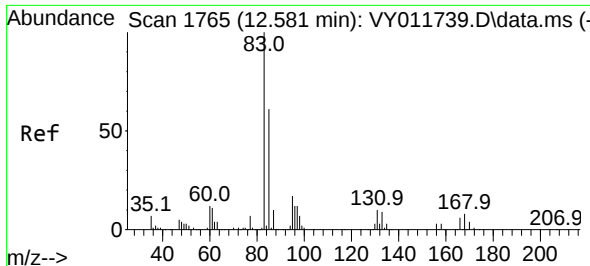


#74
N-ethyl acetate
Concen: 158.591 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15



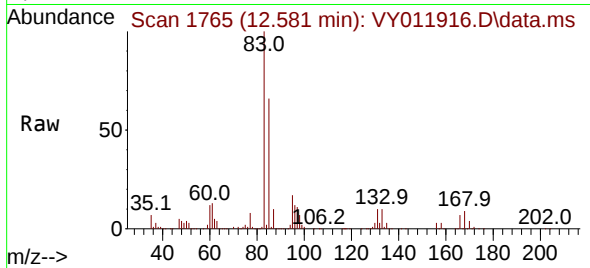
Tgt Ion: 43 Resp: 388647
Ion Ratio Lower Upper
43 100
70 46.8 35.8 53.8
55 25.3 21.0 31.4
61 25.7 20.0 30.0





#75
1,1,2,2-Tetrachloroethane
Concen: 143.511 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

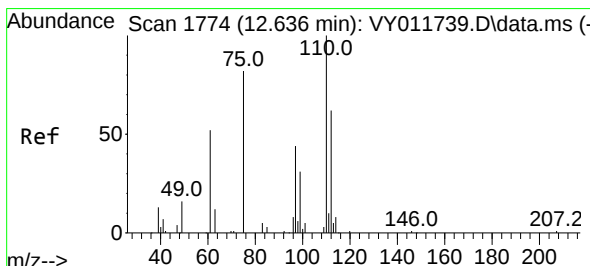
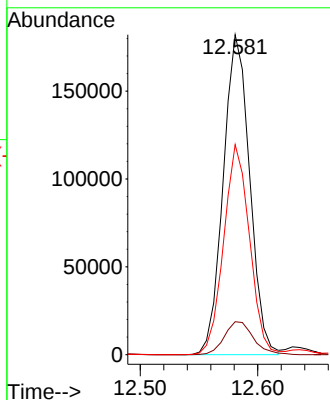
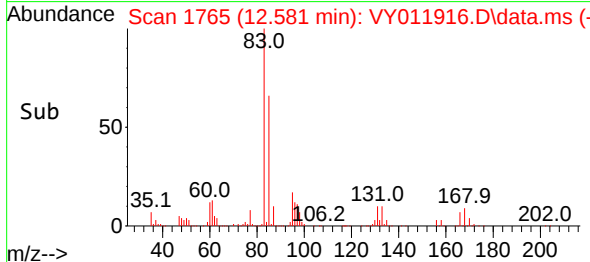
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



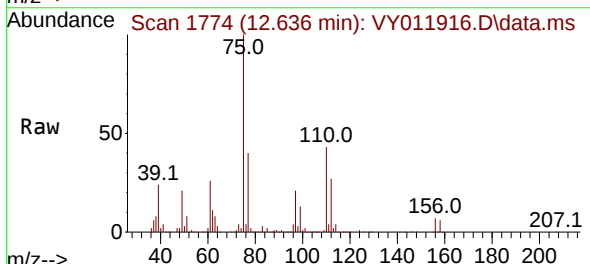
Tgt Ion: 83 Resp: 284872
Ion Ratio Lower Upper
83 100
131 11.3 5.6 16.8
85 64.5 32.3 96.8

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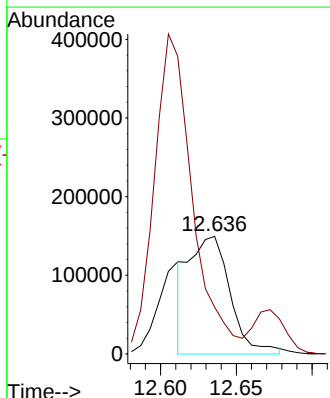
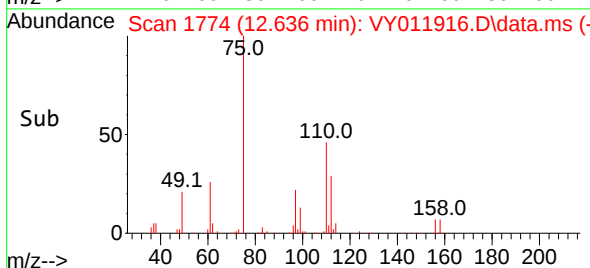
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

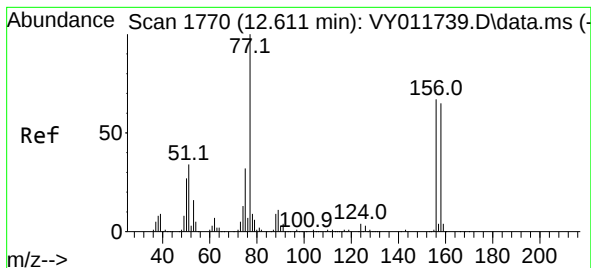


#76
1,2,3-Trichloropropane
Concen: 178.494 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15



Tgt Ion: 75 Resp: 284100
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 171.096 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

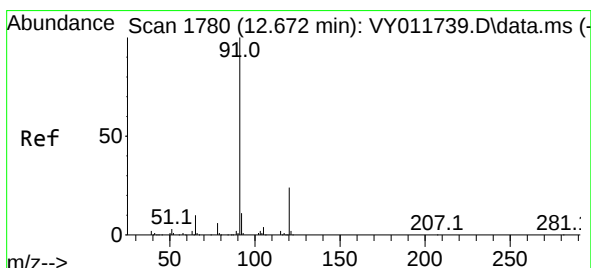
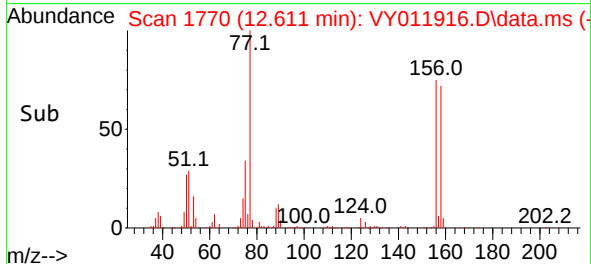
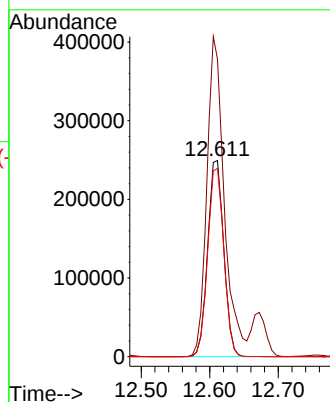
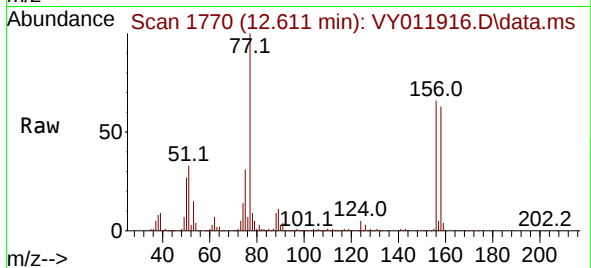
Tgt Ion:	156	Resp:	407178
Ion Ratio	Lower	Upper	
156	100		
77	176.4	90.0	270.0
158	96.4	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#78

n-propylbenzene

Concen: 176.301 ug/l

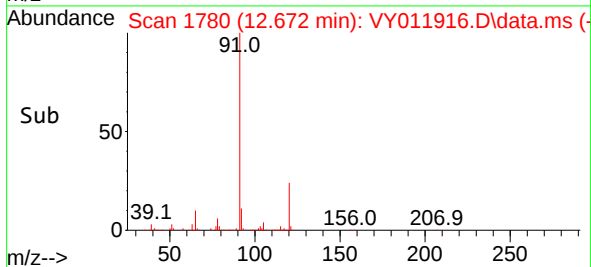
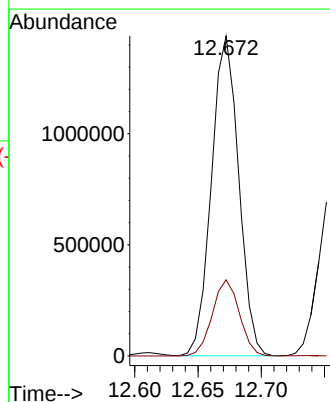
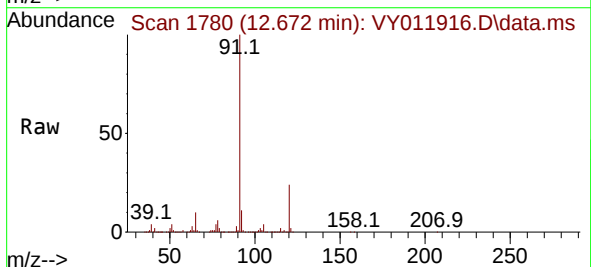
RT: 12.672 min Scan# 1780

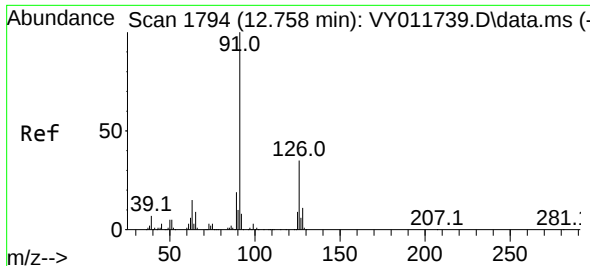
Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Tgt Ion:	91	Resp:	2153479
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4





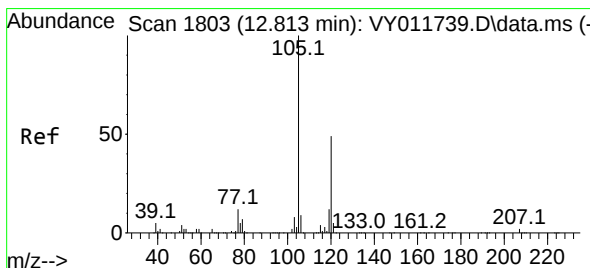
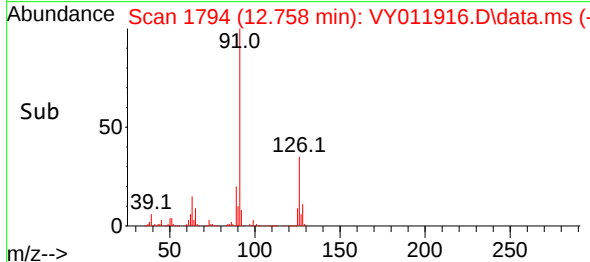
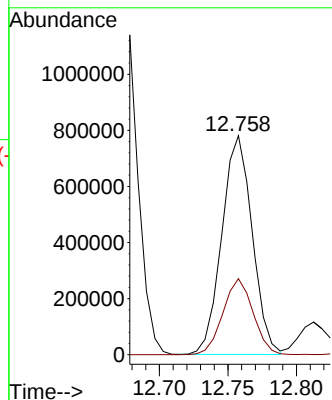
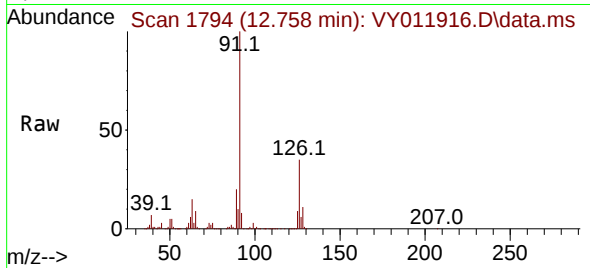
#79
2-Chlorotoluene
Concen: 172.765 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1204370
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.5

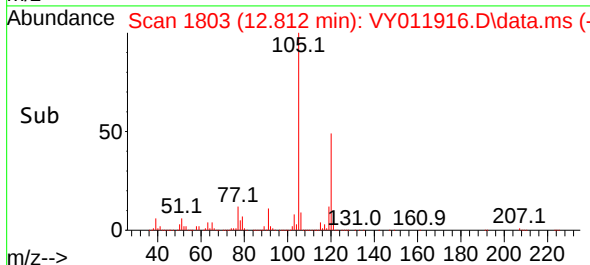
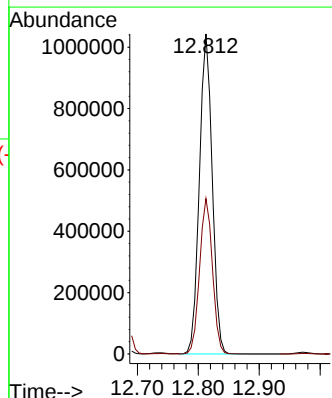
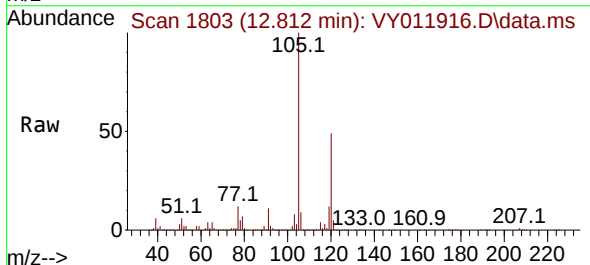
Manual Integrations
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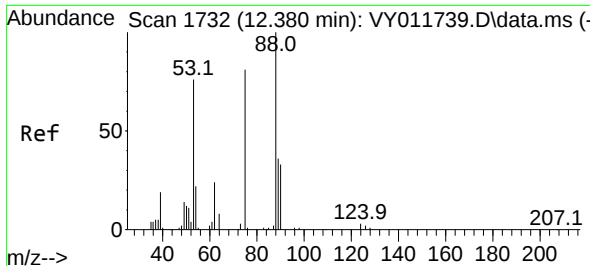
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 177.106 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

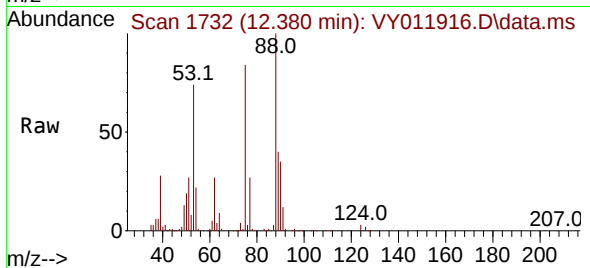
Tgt Ion:105 Resp: 1525816
Ion Ratio Lower Upper
105 100
120 48.6 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 157.509 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

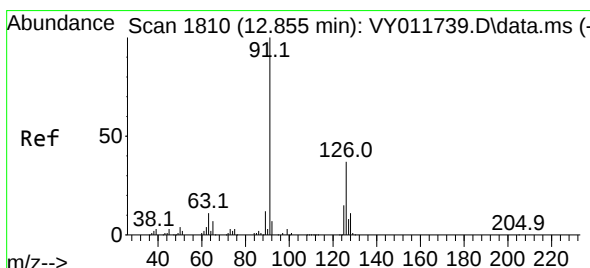
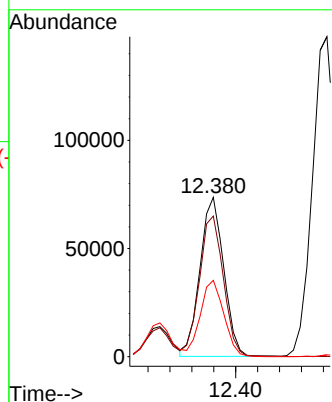
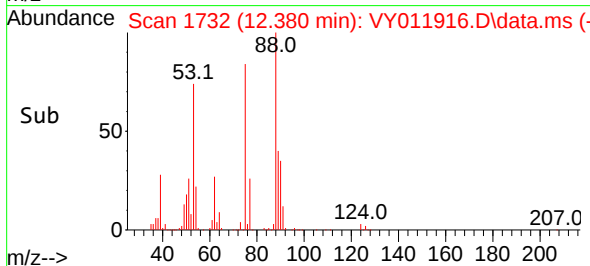
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 110479
Ion Ratio Lower Upper
75 100
53 89.7 72.5 108.7
89 47.3 37.0 55.4

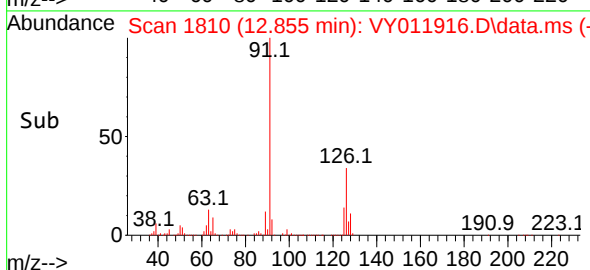
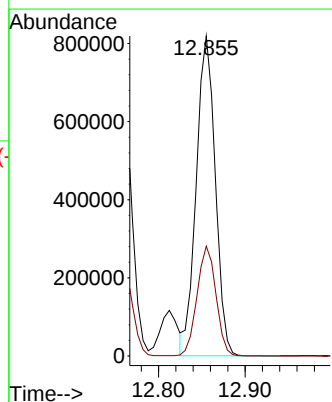
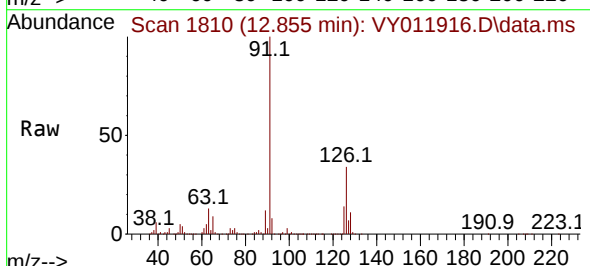
Manual Integrations
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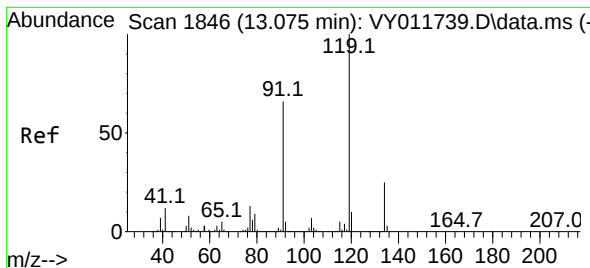
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 172.739 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

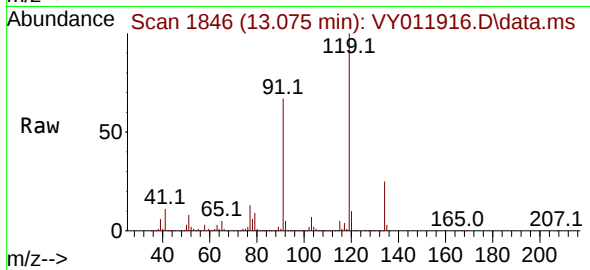
Tgt Ion: 91 Resp: 1248993
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83
tert-Butylbenzene
Concen: 175.617 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

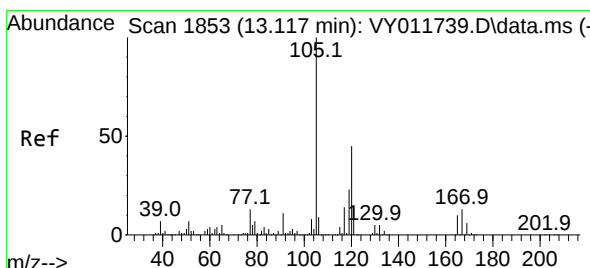
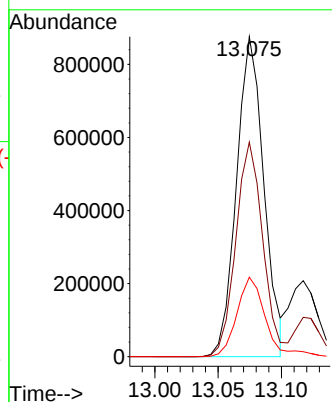
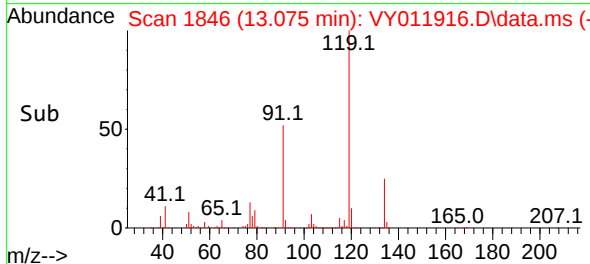
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150



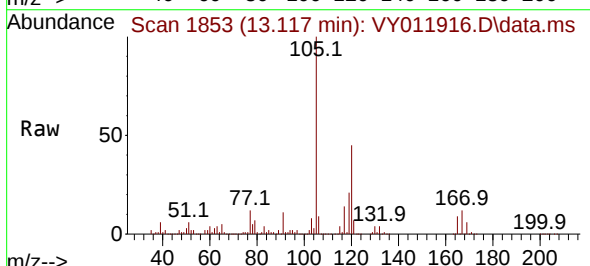
Tgt Ion:119 Resp: 1317430
Ion Ratio Lower Upper
119 100
91 66.6 32.3 96.8
134 26.0 13.0 39.0

Manual Integrations
APPROVED

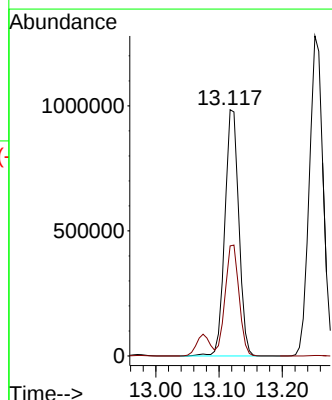
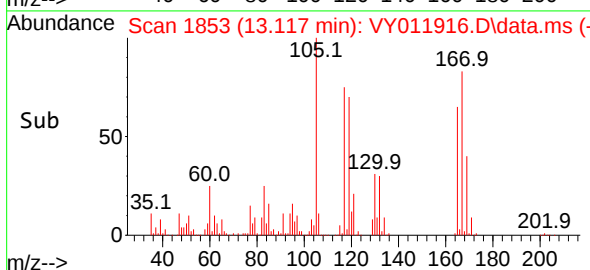
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

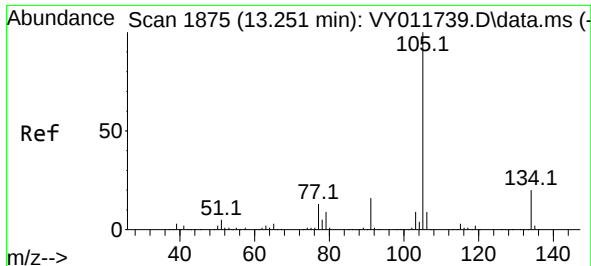


#84
1,2,4-Trimethylbenzene
Concen: 177.487 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15



Tgt Ion:105 Resp: 1505561
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7





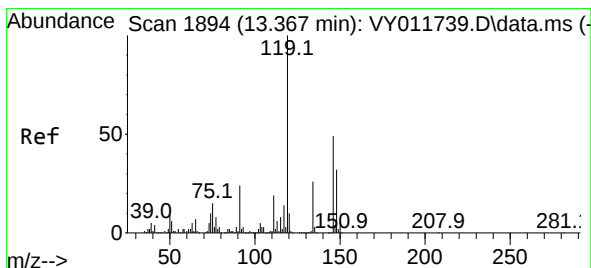
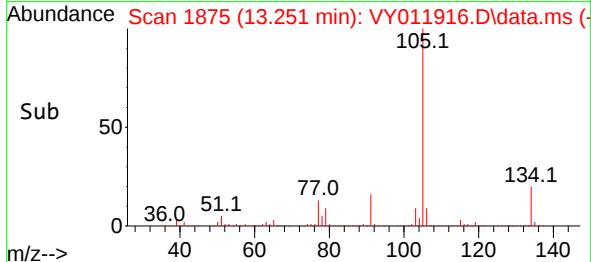
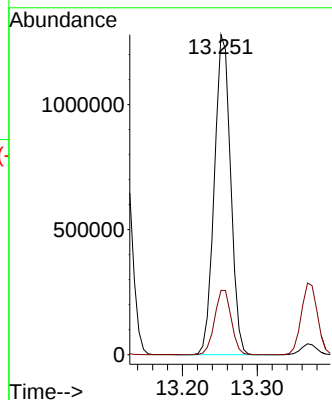
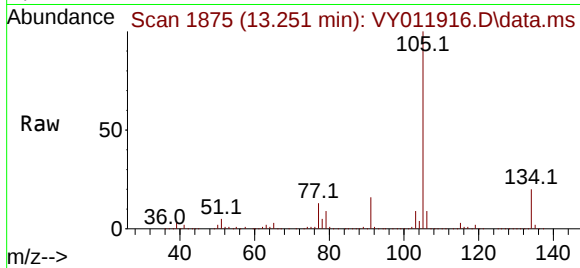
#85
 sec-Butylbenzene
 Concen: 172.841 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY011916.D
 Acq: 20 Dec 2022 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 193098
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.3

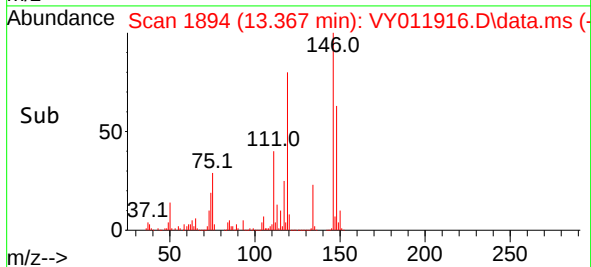
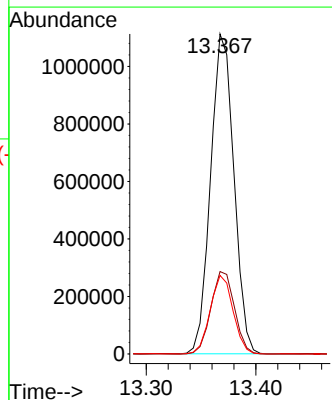
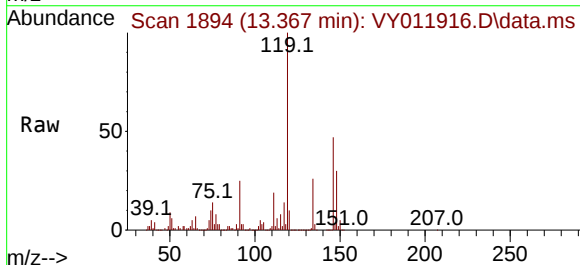
Manual Integrations
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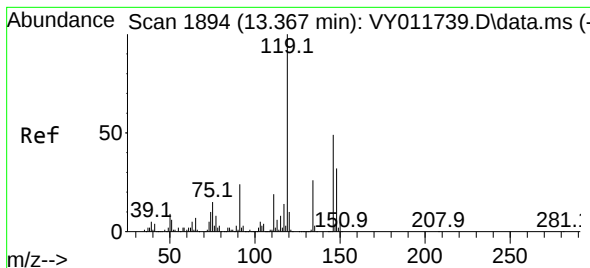
Reviewed By :Krupa Patel 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#86
 p-Isopropyltoluene
 Concen: 176.705 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY011916.D
 Acq: 20 Dec 2022 12:15

Tgt Ion:119 Resp: 1643087
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 24.0 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 167.312 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011916.D

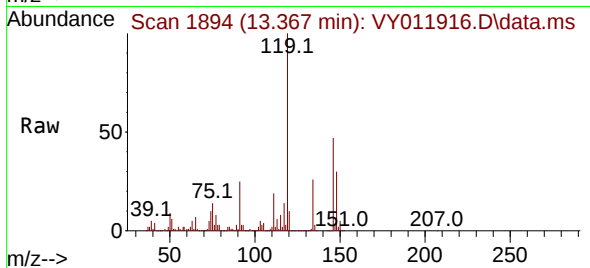
Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150



Tgt Ion:146 Resp: 801280

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

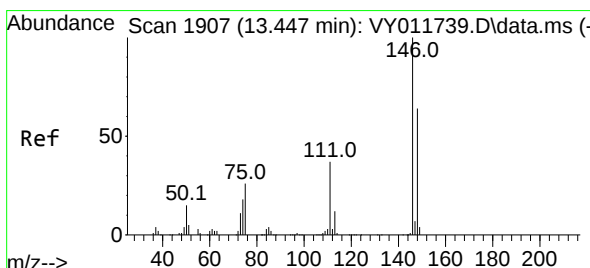
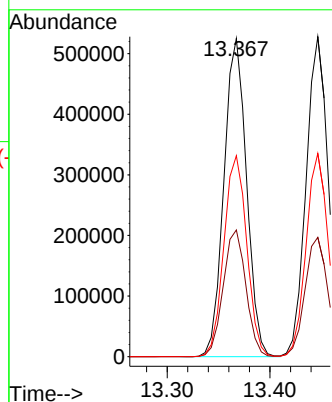
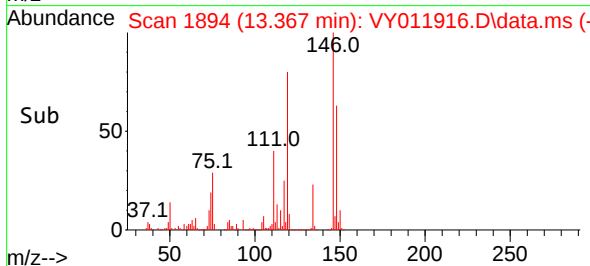
148 63.9 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 166.403 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

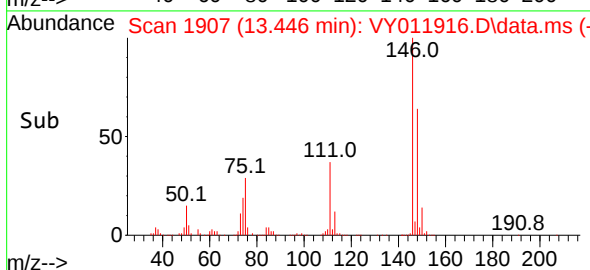
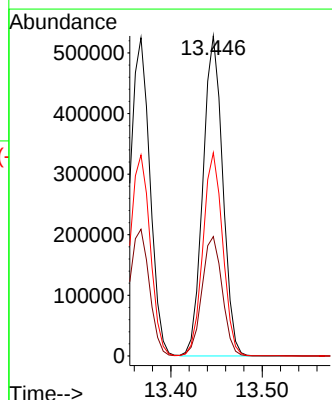
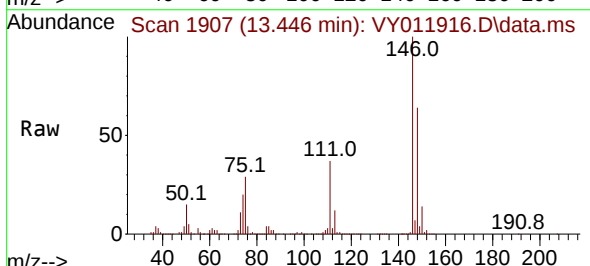
Tgt Ion:146 Resp: 792053

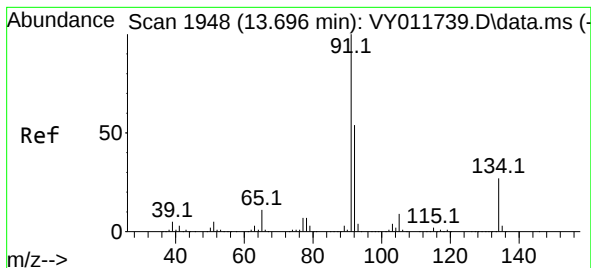
Ion Ratio Lower Upper

146 100

111 38.1 19.6 58.7

148 63.6 31.9 95.7





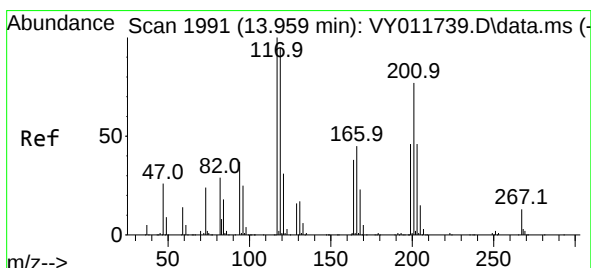
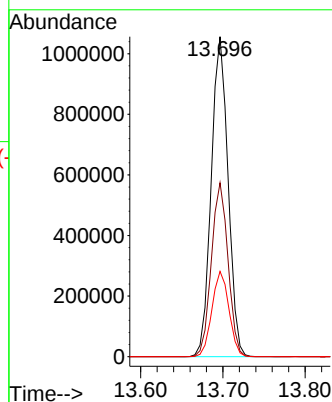
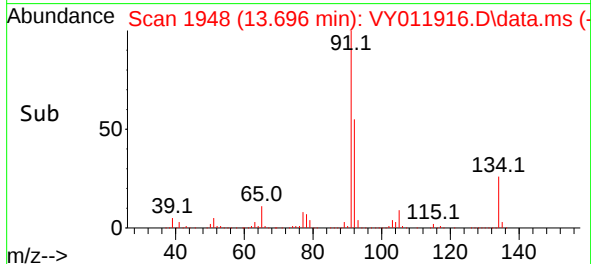
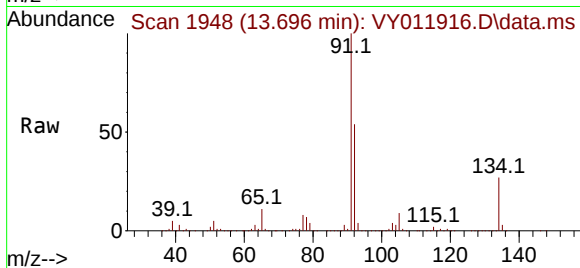
#89
n-Butylbenzene
Concen: 177.371 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 149929
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.4
134 27.0 13.3 39.8

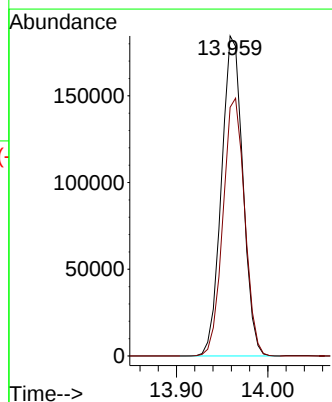
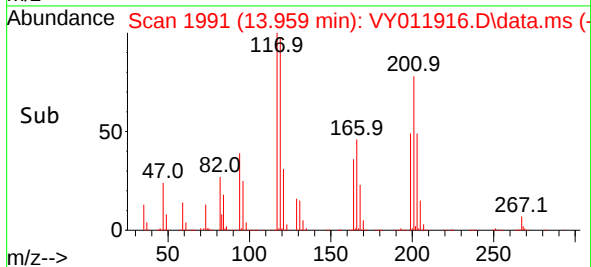
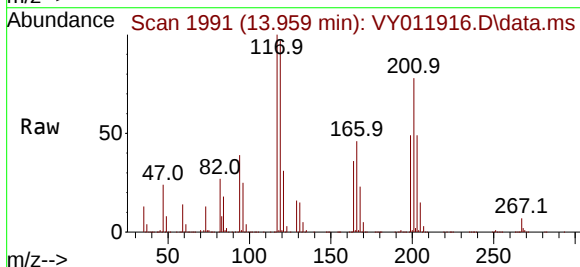
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 162.911 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion:117 Resp: 301010
Ion Ratio Lower Upper
117 100
201 81.4 40.3 120.8





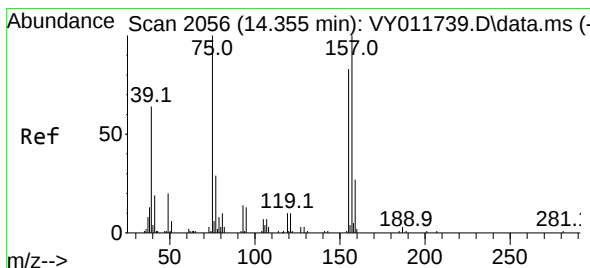
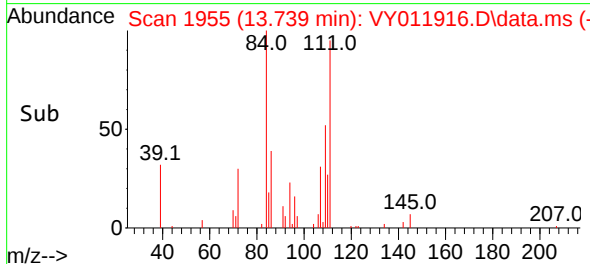
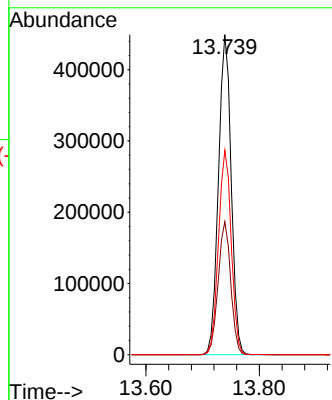
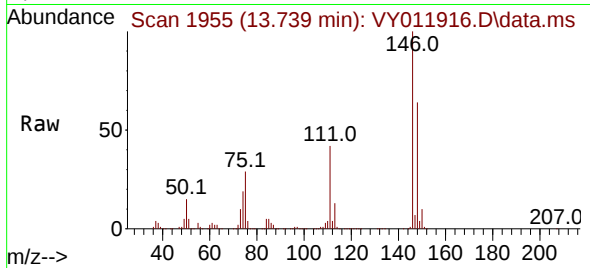
#91
1,2-Dichlorobenzene
Concen: 162.535 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 70047
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.8
148 64.0 31.8 95.4

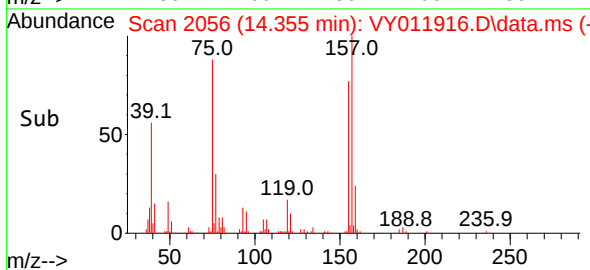
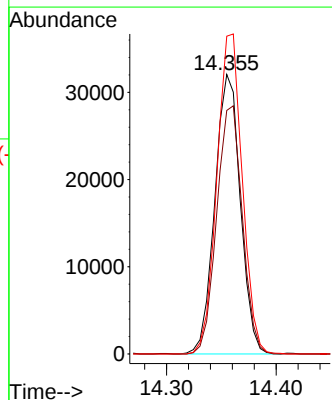
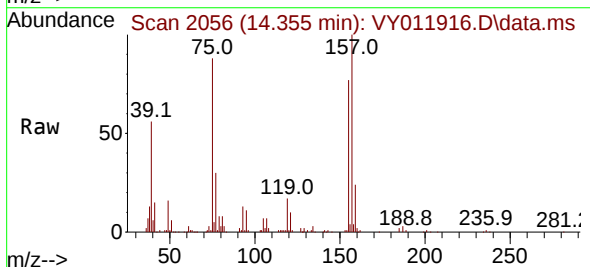
Manual Integrations
APPROVED

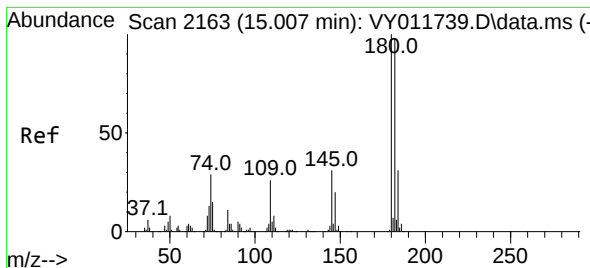
Reviewed By :Krupa Patel 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 149.705 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY011916.D
Acq: 20 Dec 2022 12:15

Tgt Ion: 75 Resp: 51810
Ion Ratio Lower Upper
75 100
155 89.1 42.3 126.8
157 114.1 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 181.476 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion:180 Resp: 456159

Ion Ratio Lower Upper

180 100

182 95.3 48.1 144.3

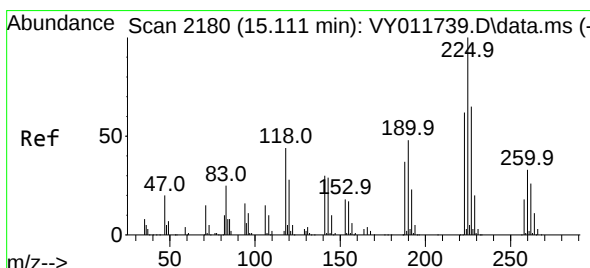
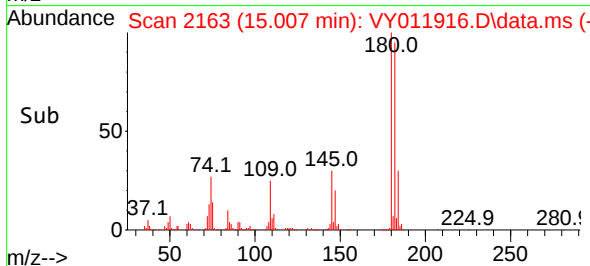
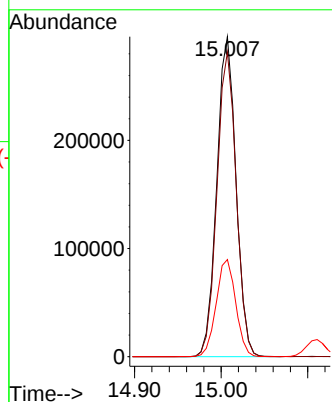
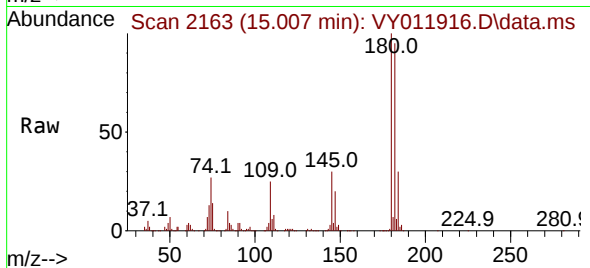
145 30.9 15.4 46.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#94

Hexachlorobutadiene

Concen: 169.979 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

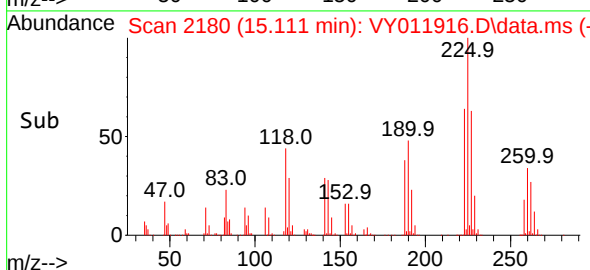
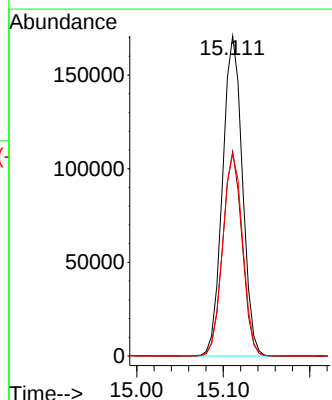
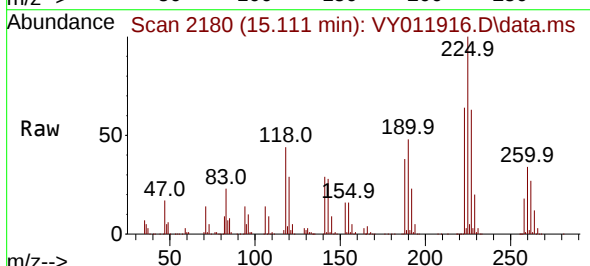
Tgt Ion:225 Resp: 271470

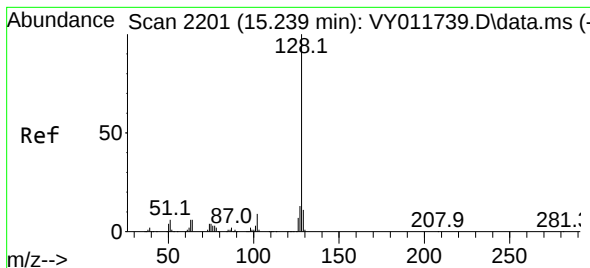
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.2

227 63.6 32.6 97.8





#95

Naphthalene

Concen: 184.840 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

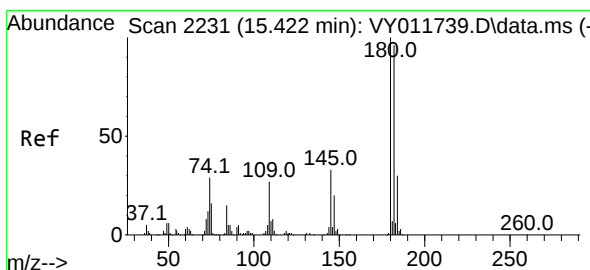
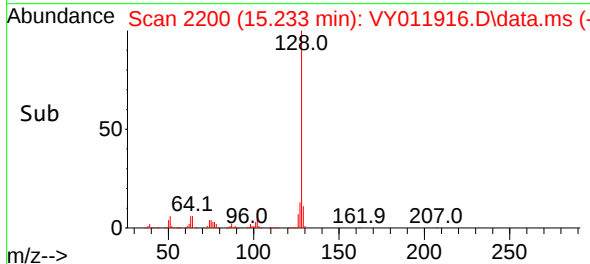
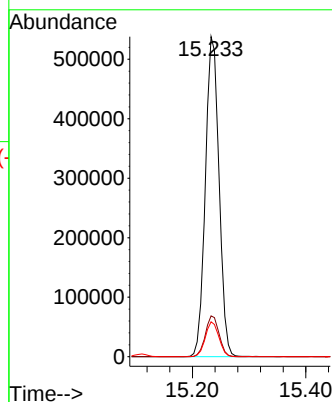
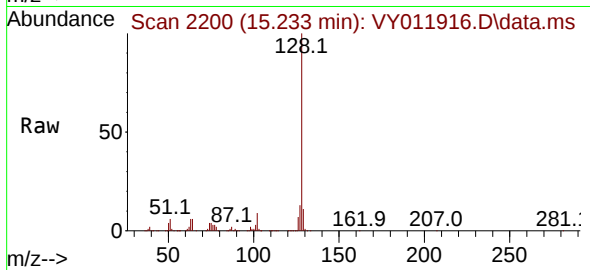
Tgt Ion:128 Resp: 899877
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.2 15.2
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 180.181 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY011916.D

Acq: 20 Dec 2022 12:15

Tgt Ion:180 Resp: 391206
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.9 143.7
 145 32.7 16.1 48.2

