

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006948.D
 Acq On : 04 Dec 2021 17:37
 Operator : SY/MD
 Sample : M4884-18MS
 Misc : 5.68g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K3MS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Mahesh Dadoda 12/14/2021

Quant Time: Dec 05 06:08:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 04 02:26:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	138447	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	126149	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	59852	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	55710	31.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 124.960%			
7) Chloroethane-d5	2.771	69	39017	27.894	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.560%			
11) 1,1-Dichloroethene-d2	3.857	63	86043	23.211	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.840%			
21) 2-Butanone-d5	6.893	46	45999	66.792	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 133.580%			
24) Chloroform-d	7.484	84	81056	23.493	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.960%			
26) 1,2-Dichloroethane-d4	8.142	65	52353	25.279	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.120%			
32) Benzene-d6	8.112	84	159466	23.797	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.200%			
36) 1,2-Dichloropropane-d6	9.124	67	52443	24.909	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.640%			
41) Toluene-d8	10.179	98	145560	23.193	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.760%			
43) trans-1,3-Dichloroprop...	10.441	79	25880	25.413	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 101.640%			
47) 2-Hexanone-d5	10.788	63	30984	63.585	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 127.160%			
56) 1,1,2,2-Tetrachloroeth...	12.562	84	47067	26.833	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.320%			
66) 1,2-Dichlorobenzene-d4	13.721	152	40528	20.764	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	11753m	13.446	ug/L	
3) Chloromethane	2.119	50	37763	22.508	ug/L	99
5) Vinyl chloride	2.259	62	79924	32.340	ug/L	97
6) Bromomethane	2.662	94	44005	29.458	ug/L	100
8) Chloroethane	2.802	64	43835	29.893	ug/L	100
9) Trichlorofluoromethane	3.131	101	46341	25.820	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	42980	24.702	ug/L	92
12) 1,1-Dichloroethene	3.875	96	43292	23.107	ug/L	89
13) Acetone	3.942	43	35882	56.850	ug/L	97
14) Carbon disulfide	4.198	76	143755	23.275	ug/L	100
15) Methyl Acetate	4.472	43	43687	31.749	ug/L	97
16) Methylene chloride	4.716	84	51952	20.925	ug/L	83
17) trans-1,2-Dichloroethene	5.222	96	45377	22.715	ug/L	95
18) Methyl tert-butyl Ether	5.222	73	95627	26.536	ug/L	98
19) 1,1-Dichloroethane	6.021	63	93980	25.013	ug/L	99
20) cis-1,2-Dichloroethene	6.984	96	54246	25.324	ug/L	96
22) 2-Butanone	6.984	43	67534	76.489	ug/L	91
23) Bromochloromethane	7.338	128	26051	26.651	ug/L #	84
25) Chloroform	7.508	83	100231	26.480	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	78035	28.449	ug/L	98
29) Cyclohexane	7.789	56	106927	30.412	ug/L	92
30) 1,1,1-Trichloroethane	7.703	97	88185	27.480	ug/L	98
31) Carbon tetrachloride	7.905	117	81071	26.477	ug/L	100
33) Benzene	8.161	78	225364	26.572	ug/L	100
34) Trichloroethene	8.941	95	54674	26.172	ug/L	90
35) Methylcyclohexane	9.185	83	104471	27.909	ug/L	95
37) 1,2-Dichloropropane	9.215	63	63932	29.407	ug/L	98
38) Bromodichloromethane	9.496	83	78999	28.046	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	94873	27.799	ug/L	100
40) 4-Methyl-2-pentanone	10.069	43	147867	77.979	ug/L	96
42) Toluene	10.246	91	235207	25.995	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	92316	28.946	ug/L	96
45) 1,1,2-Trichloroethane	10.642	97	46588	29.085	ug/L	92
46) Tetrachloroethene	10.721	164	69391	39.648	ug/L	97
48) 2-Hexanone	10.831	43	103743	82.903	ug/L	97
49) Dibromochloromethane	10.983	129	54338	27.875	ug/L	92
50) 1,2-Dibromoethane	11.087	107	45507	30.019	ug/L	98
51) Chlorobenzene	11.514	112	135872	24.622	ug/L	95
52) Ethylbenzene	11.593	91	255196	26.239	ug/L	99
53) m,p-Xylene	11.703	106	90168	24.508	ug/L	96
54) o-Xylene	12.032	106	84870	24.522	ug/L	98
55) Styrene	12.044	104	147284	24.323	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.581	83	61705	31.927	ug/L	92
59) Bromoform	12.209	173	34326	28.121	ug/L	98
60) Isopropylbenzene	12.331	105	228701	26.112	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	49393	33.951	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	190867	26.504	ug/L	100
63) 1,2,4-Trimethylbenzene	13.123	105	183703	26.080	ug/L	99
64) 1,3-Dichlorobenzene	13.361	146	93796	23.795	ug/L	95
65) 1,4-Dichlorobenzene	13.446	146	94874	23.620	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	83399	23.628	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.361	75	9357	29.870	ug/L	91
69) 1,3,5-Trichlorobenzene	14.501	180	44807	16.703	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	32995	15.250	ug/L	99
71) Naphthalene	15.239	128	89698	20.690	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	29035	15.882	ug/L	98

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

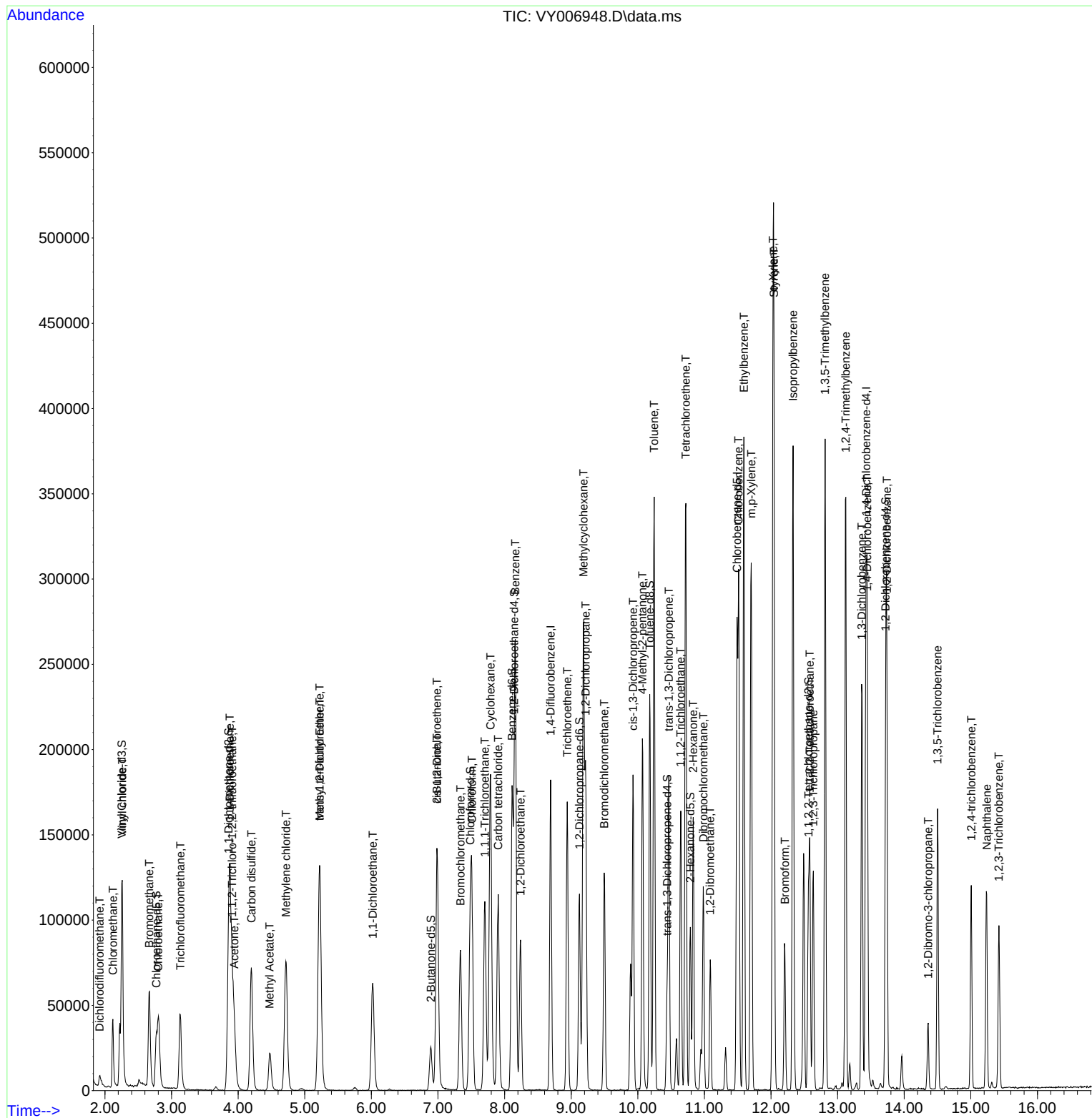
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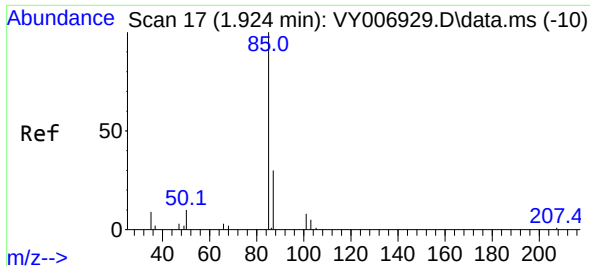
Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K3MS

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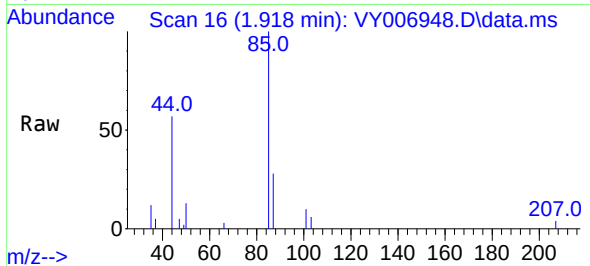
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#2
Dichlorodifluoromethane
Concen: 13.446 ug/L m
RT: 1.918 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

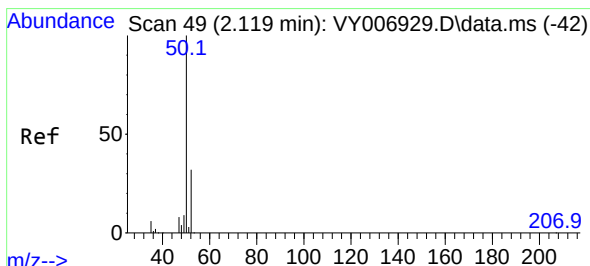
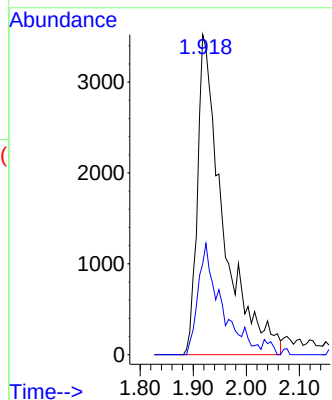
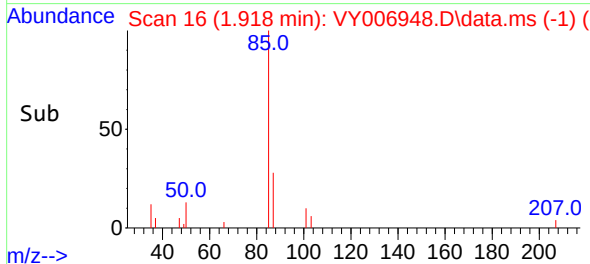
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



Tgt Ion: 85 Resp: 1175
Ion Ratio Lower Upper
85 100
87 0.4 26.3 39.5

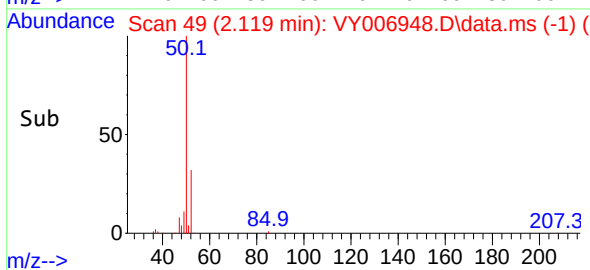
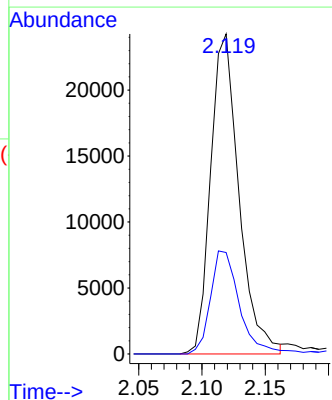
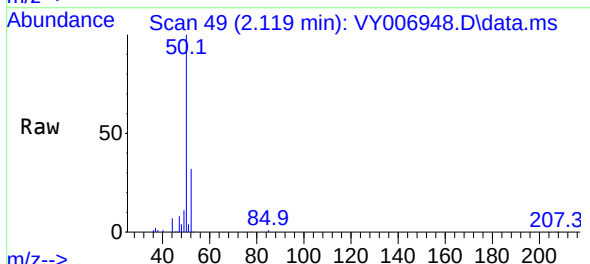
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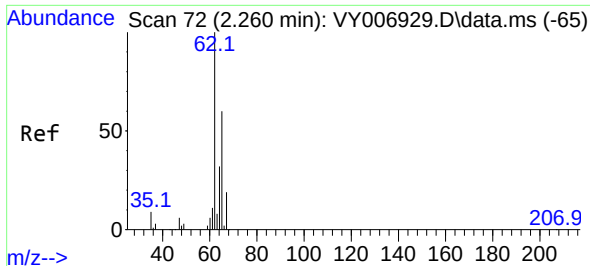
Reviewed By :John Carlone 12/14/2021
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#3
Chloromethane
Concen: 22.508 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

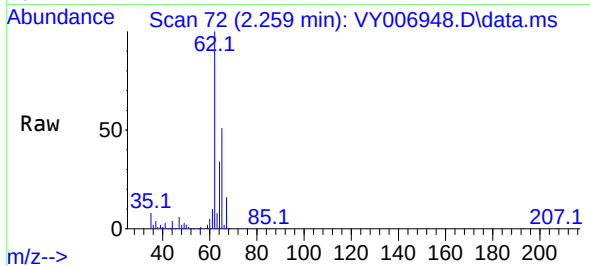
Tgt Ion: 50 Resp: 37763
Ion Ratio Lower Upper
50 100
52 31.7 22.7 42.1





#5
 Vinyl chloride
 Concen: 32.340 ug/L
 RT: 2.259 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VY006948.D
 Acq: 04 Dec 2021 17:37

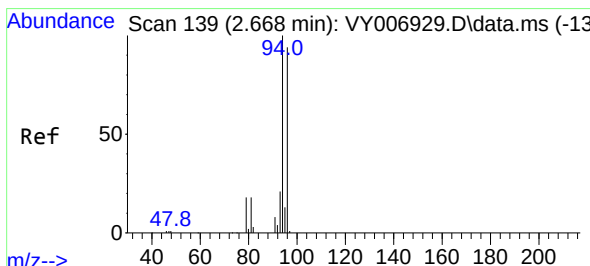
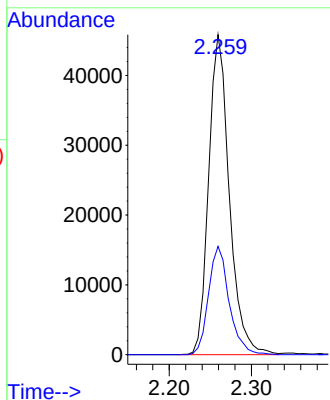
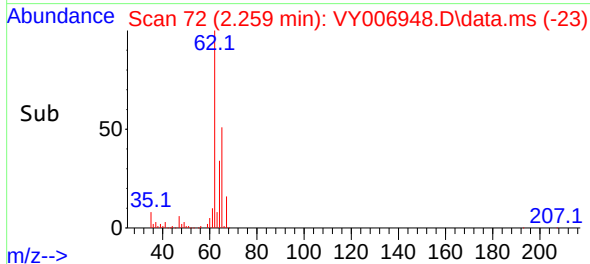
Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K3MS



Tgt Ion: 62 Resp: 79924
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.4 41.6

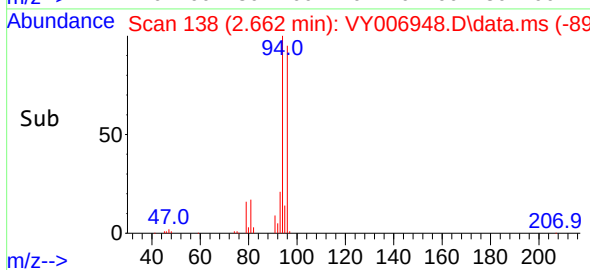
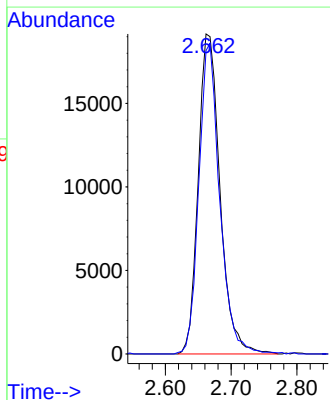
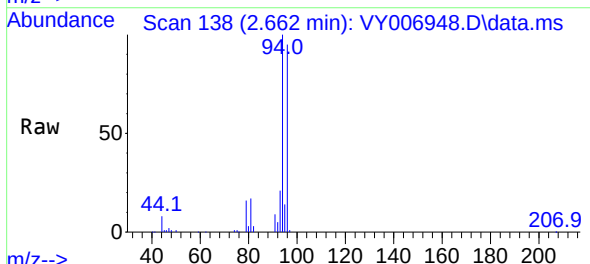
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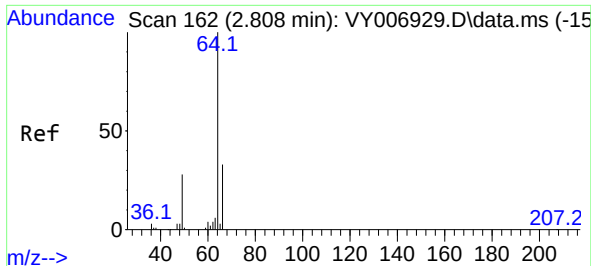
Reviewed By :John Carlone 12/14/2021
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#6
 Bromomethane
 Concen: 29.458 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006948.D
 Acq: 04 Dec 2021 17:37

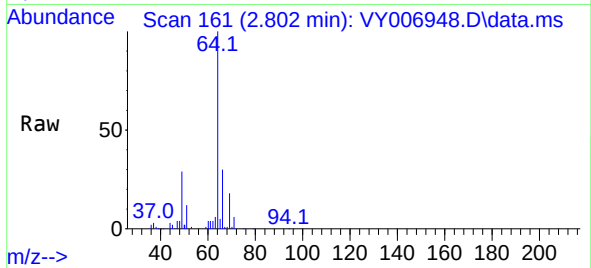
Tgt Ion: 94 Resp: 44005
 Ion Ratio Lower Upper
 94 100
 96 94.8 66.5 123.5





#8
Chloroethane
Concen: 29.893 ug/L
RT: 2.802 min Scan# 162
Delta R.T. -0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

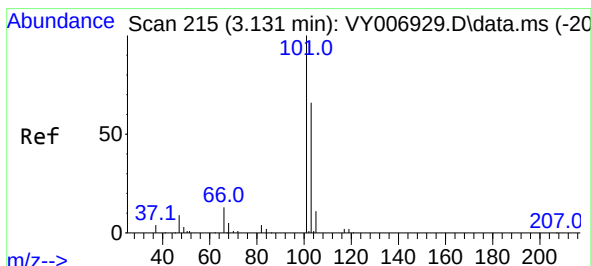
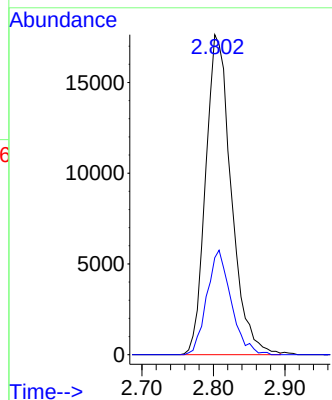
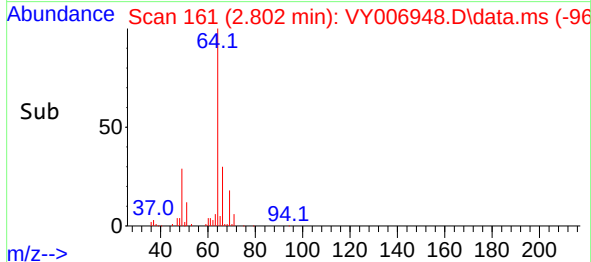
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Tgt Ion: 64 Resp: 4383
Ion Ratio Lower Upper
64 100
66 30.3 21.1 39.3

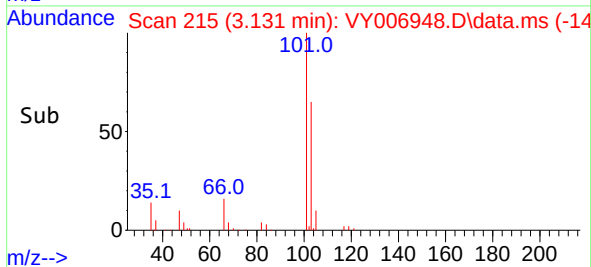
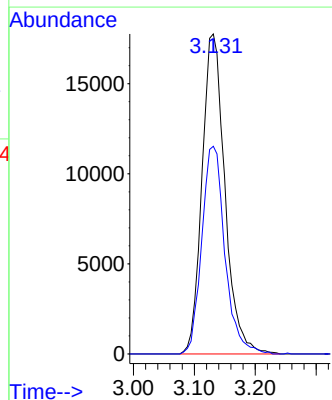
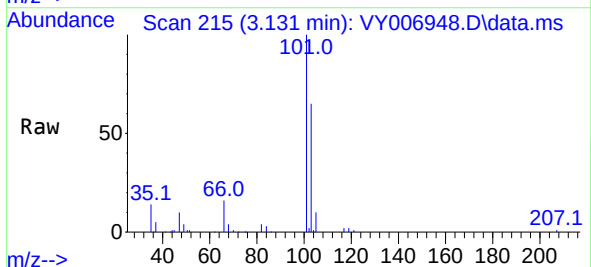
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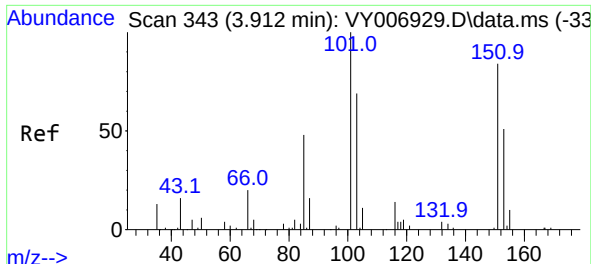
Reviewed By :John Carlone 12/14/2021
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#9
Trichlorofluoromethane
Concen: 25.820 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY006948.D
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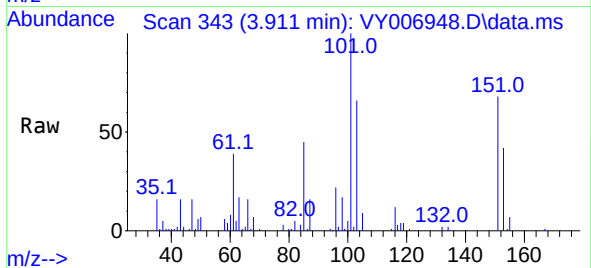
Tgt Ion:101 Resp: 46341
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.702 ug/L
RT: 3.911 min Scan# 343
Delta R.T. 0.005 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

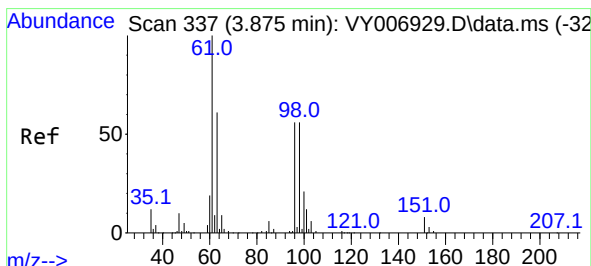
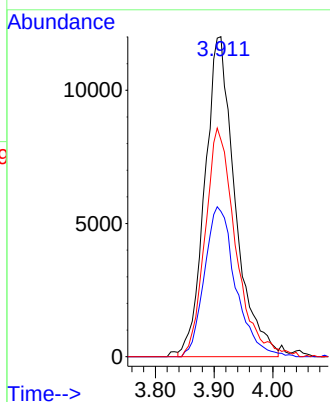
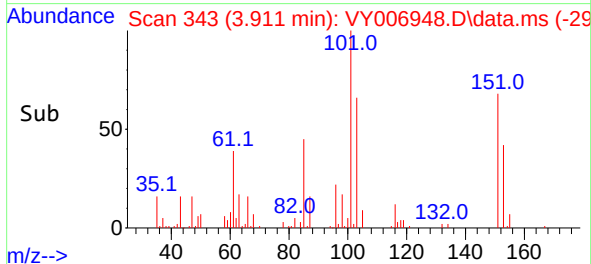
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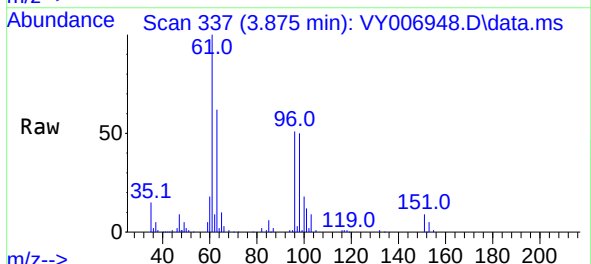
Tgt Ion:101 Resp: 42980
Ion Ratio Lower Upper
101 100
85 48.3 38.2 57.2
151 70.2 64.2 96.4

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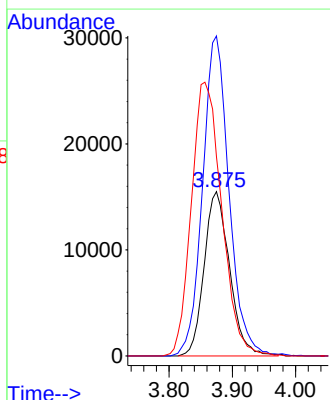
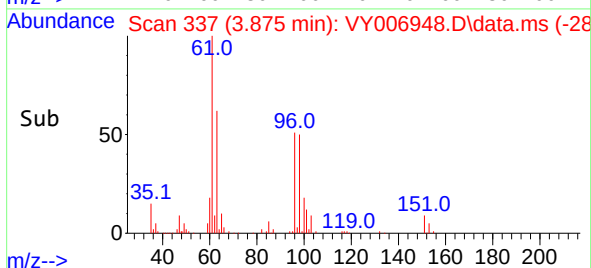
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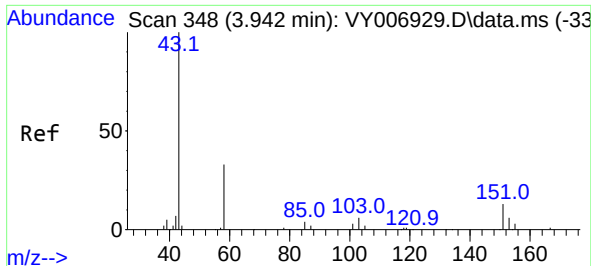


#12
1,1-Dichloroethene
Concen: 23.107 ug/L
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



Tgt Ion: 96 Resp: 43292
Ion Ratio Lower Upper
96 100
61 194.8 123.3 229.1
63 121.4 91.2 169.4





#13

Acetone

Concen: 56.850 ug/L

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY006948.D

Acq: 04 Dec 2021 17:37

Instrument :

MSVOA_Y

ClientSampleId :

EW9K3MS

Tgt Ion: 43 Resp: 3588

Ion Ratio Lower Upper

43 100

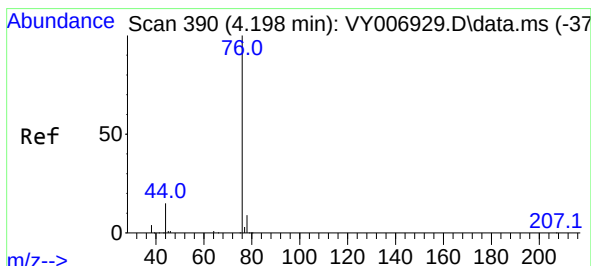
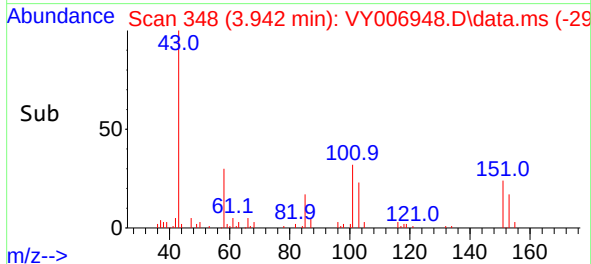
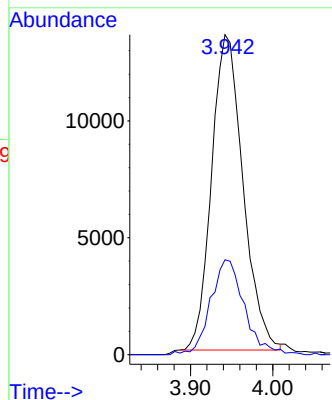
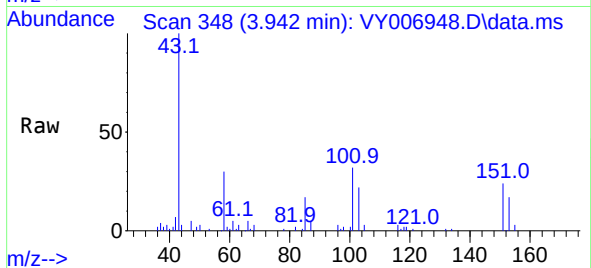
58 31.8 0.0 60.8

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#14

Carbon disulfide

Concen: 23.275 ug/L

RT: 4.198 min Scan# 390

Delta R.T. -0.000 min

Lab File: VY006948.D

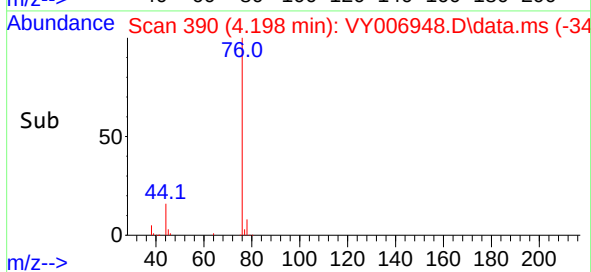
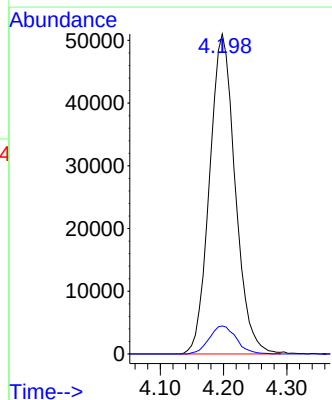
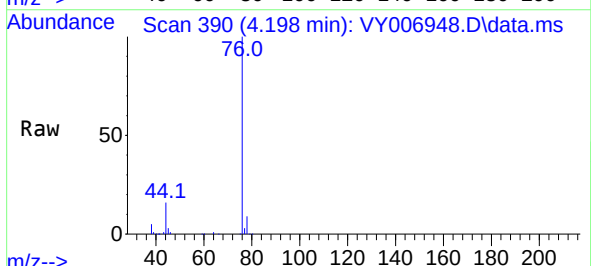
Acq: 04 Dec 2021 17:37

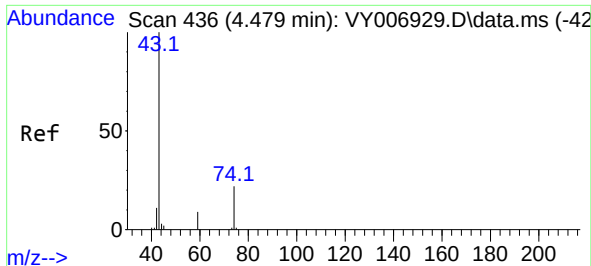
Tgt Ion: 76 Resp: 143755

Ion Ratio Lower Upper

76 100

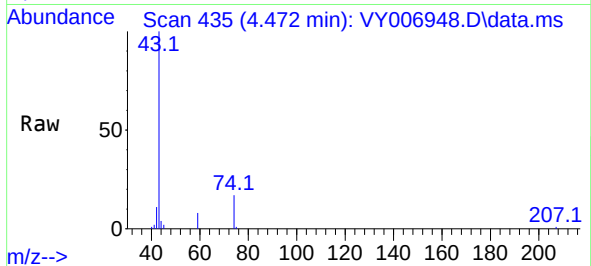
78 8.8 7.0 10.4





#15
Methyl Acetate
Concen: 31.749 ug/L
RT: 4.472 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

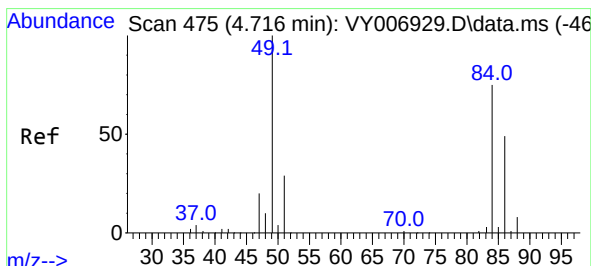
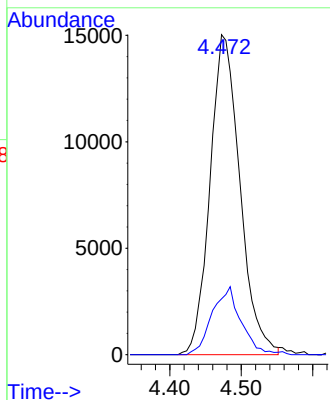
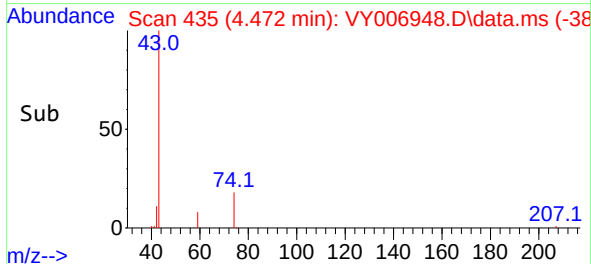
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



Tgt Ion: 43 Resp: 4368
Ion Ratio Lower Upper
43 100
74 20.4 17.4 26.2

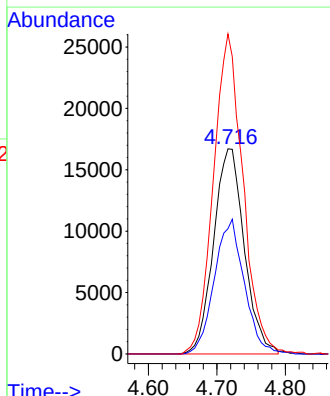
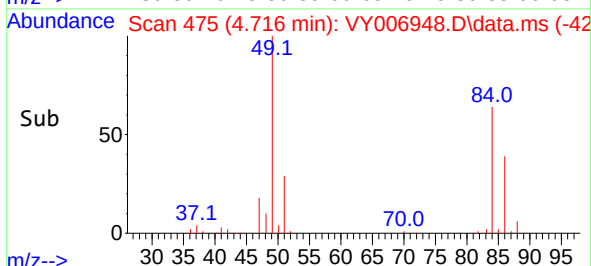
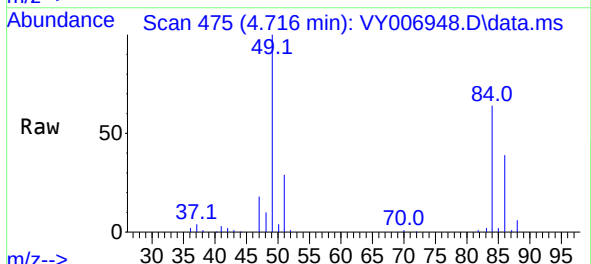
Manual Integrations
APPROVED

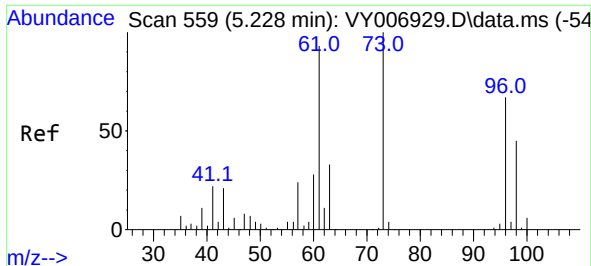
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#16
Methylene chloride
Concen: 20.925 ug/L
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

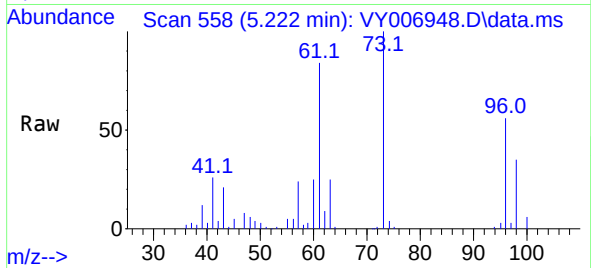
Tgt Ion: 84 Resp: 51952
Ion Ratio Lower Upper
84 100
86 61.1 43.4 80.6
49 156.0 89.1 165.5





#17
trans-1,2-Dichloroethene
Concen: 22.715 ug/L
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

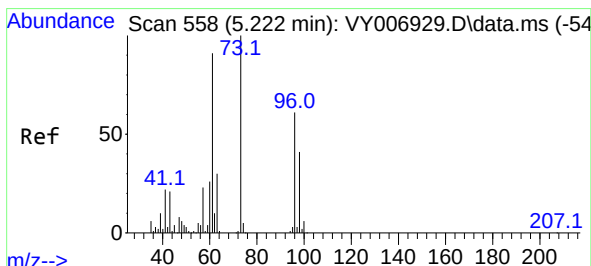
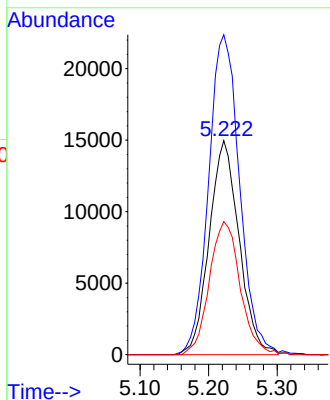
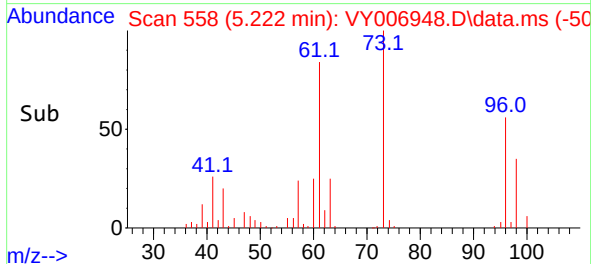
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



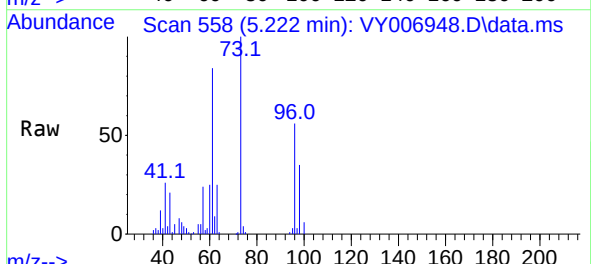
Tgt Ion: 96 Resp: 4537
Ion Ratio Lower Upper
96 100
61 149.5 98.5 182.9
98 62.2 43.7 81.1

Manual Integrations
APPROVED

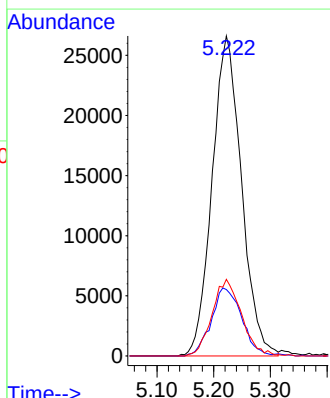
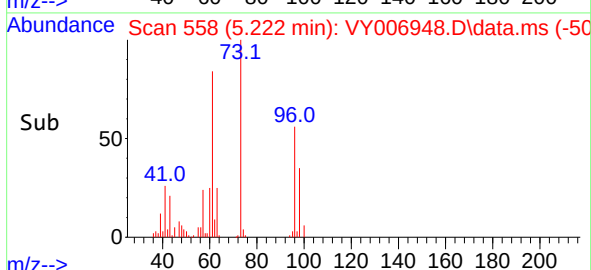
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

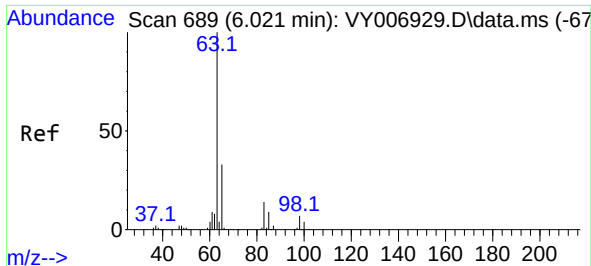


#18
Methyl tert-butyl Ether
Concen: 26.536 ug/L
RT: 5.222 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



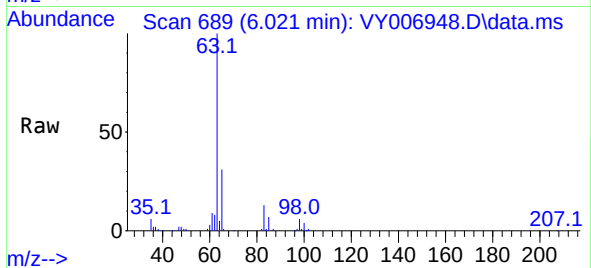
Tgt Ion: 73 Resp: 95627
Ion Ratio Lower Upper
73 100
43 21.9 16.9 25.3
57 23.6 18.1 27.1





#19
1,1-Dichloroethane
Concen: 25.013 ug/L
RT: 6.021 min Scan# 61
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

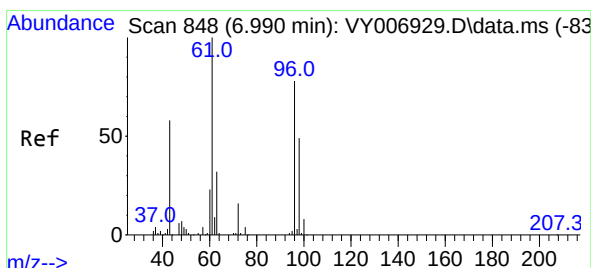
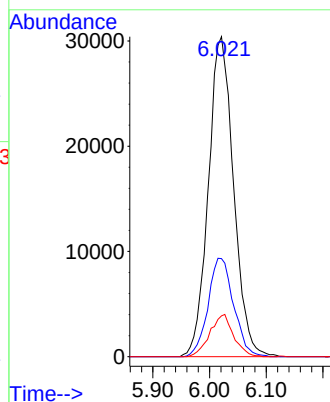
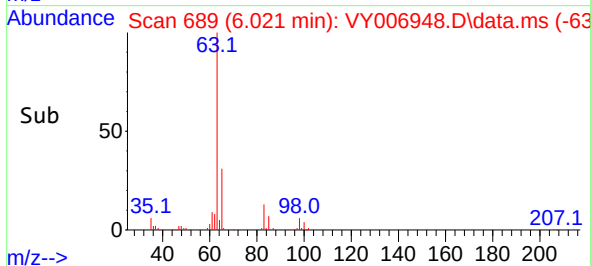
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



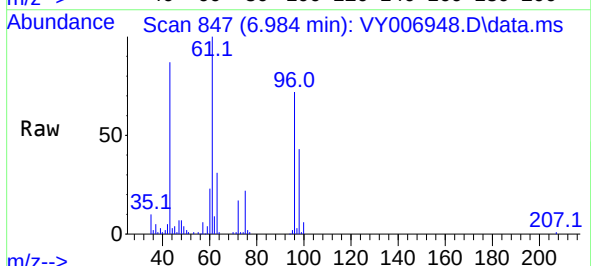
Tgt Ion: 63 Resp: 93980
Ion Ratio Lower Upper
63 100
65 30.7 21.0 39.0
83 12.8 9.2 17.2

Manual Integrations
APPROVED

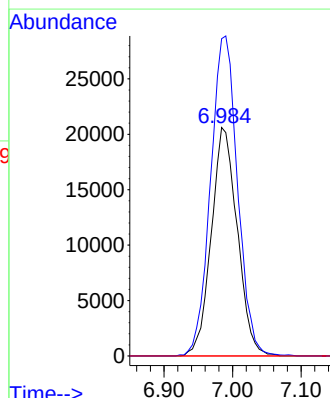
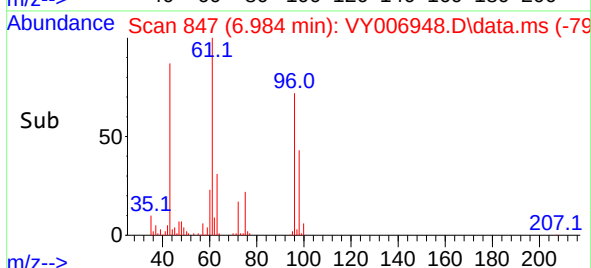
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

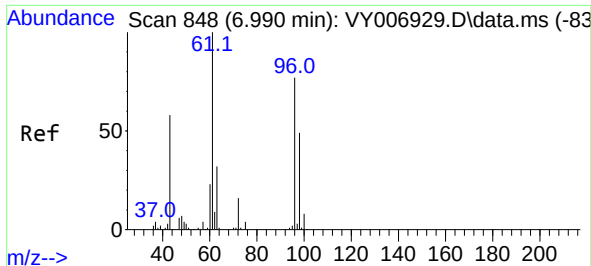


#20
cis-1,2-Dichloroethene
Concen: 25.324 ug/L
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



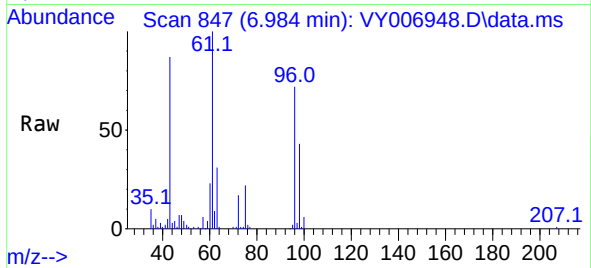
Tgt Ion: 96 Resp: 54246
Ion Ratio Lower Upper
96 100
61 138.9 94.2 175.0
68 0.0 0.0 0.0





#22
2-Butanone
Concen: 76.489 ug/L
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

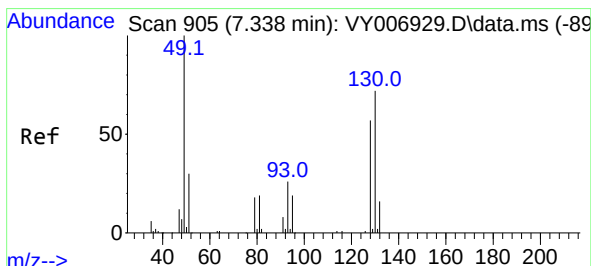
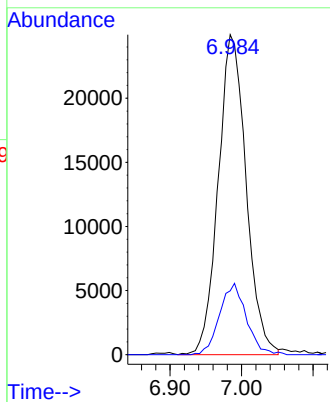
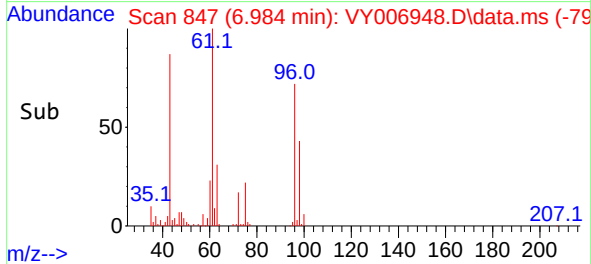
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



Tgt Ion: 43 Resp: 67534
Ion Ratio Lower Upper
43 100
72 21.2 12.9 38.6

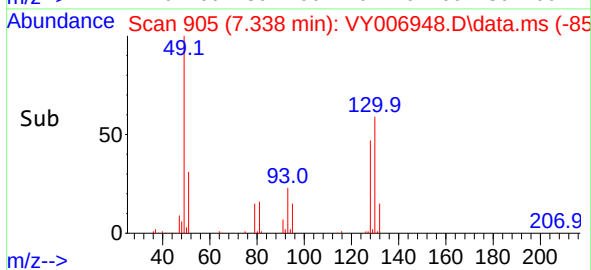
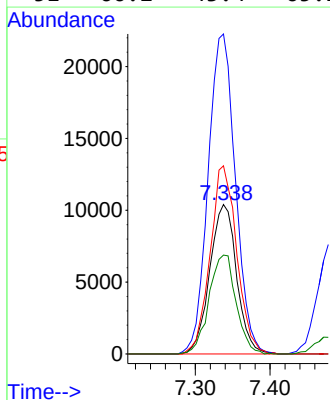
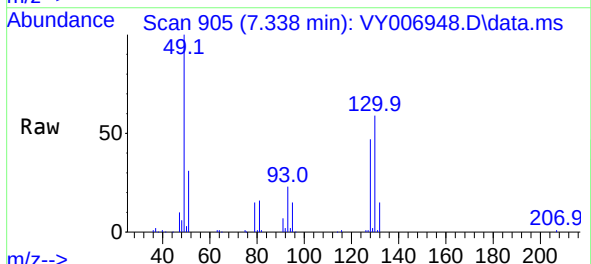
Manual Integrations
APPROVED

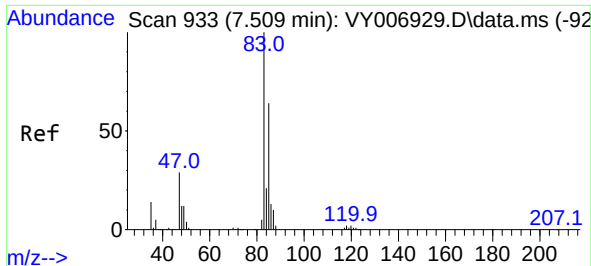
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#23
Bromochloromethane
Concen: 26.651 ug/L
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

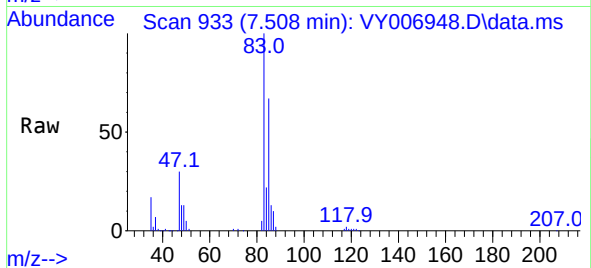
Tgt Ion:128 Resp: 26051
Ion Ratio Lower Upper
128 100
49 214.1 123.5 229.3
130 125.9 88.5 164.4
51 66.2 43.4 65.2#





#25
Chloroform
Concen: 26.480 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

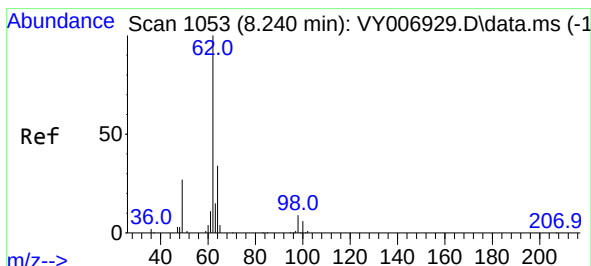
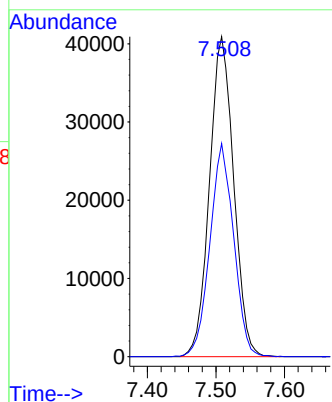
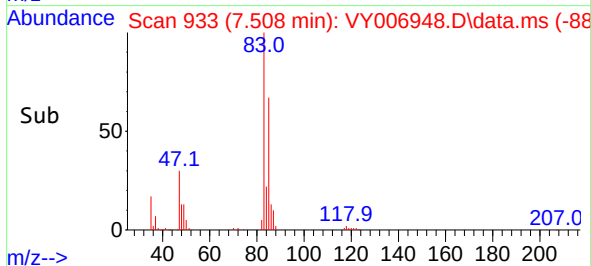
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



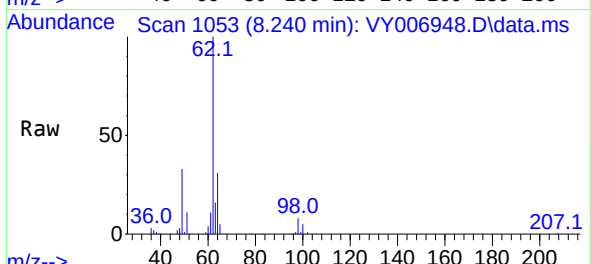
Tgt Ion: 83 Resp: 10023
Ion Ratio Lower Upper
83 100
85 66.6 45.4 84.2

Manual Integrations
APPROVED

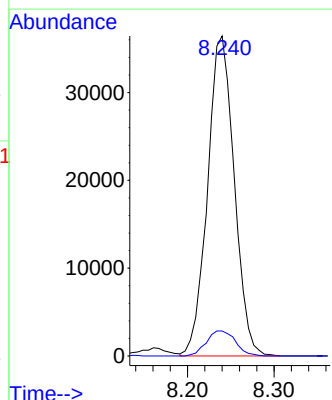
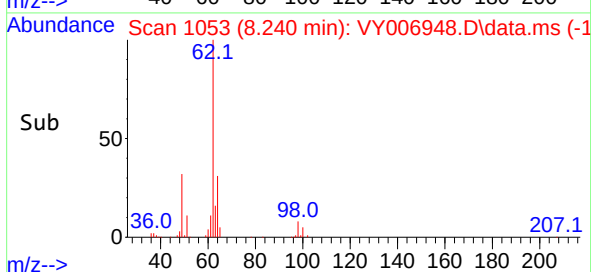
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

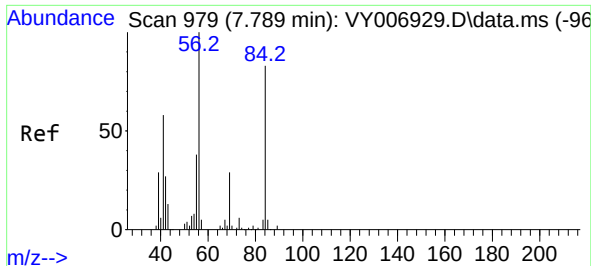


#27
1,2-Dichloroethane
Concen: 28.449 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



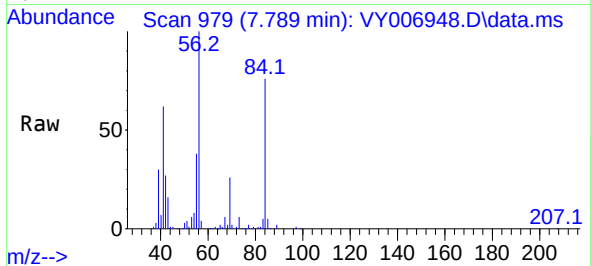
Tgt Ion: 62 Resp: 78035
Ion Ratio Lower Upper
62 100
98 7.8 6.9 10.3





#29
Cyclohexane
Concen: 30.412 ug/L
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

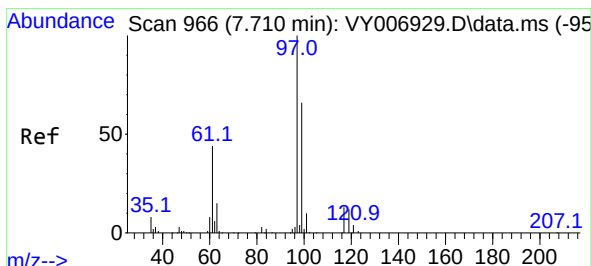
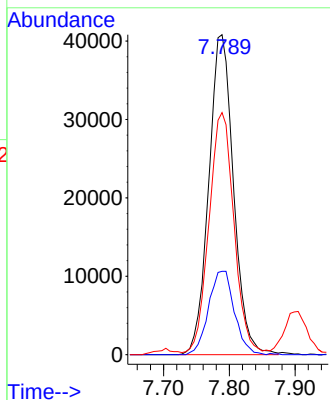
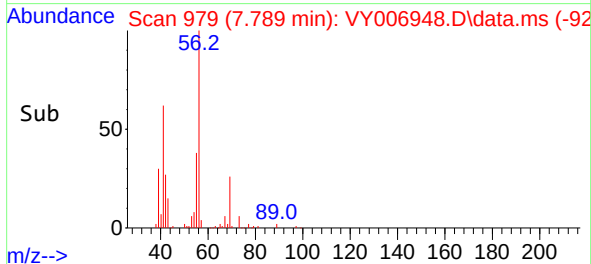
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



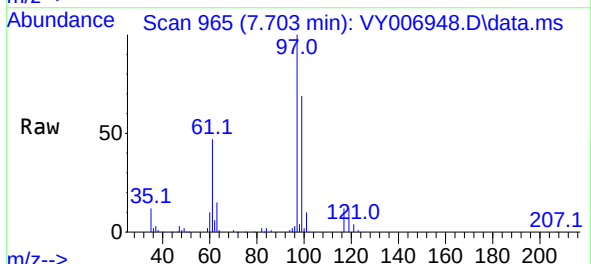
Tgt Ion: 56 Resp: 10692
Ion Ratio Lower Upper
56 100
69 27.2 24.1 36.1
84 76.7 67.8 101.6

Manual Integrations
APPROVED

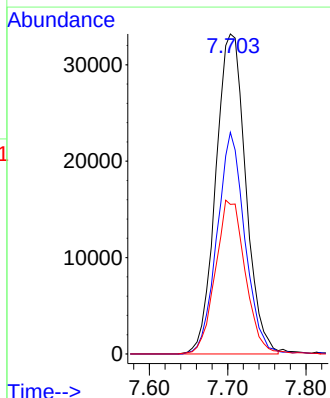
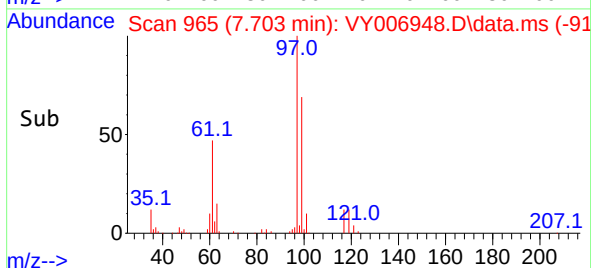
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

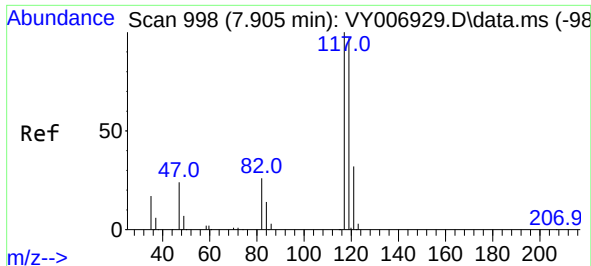


#30
1,1,1-Trichloroethane
Concen: 27.480 ug/L
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



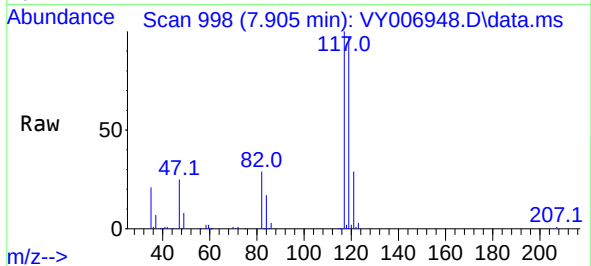
Tgt Ion: 97 Resp: 88185
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 47.9 35.7 53.5





#31
Carbon tetrachloride
Concen: 26.477 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

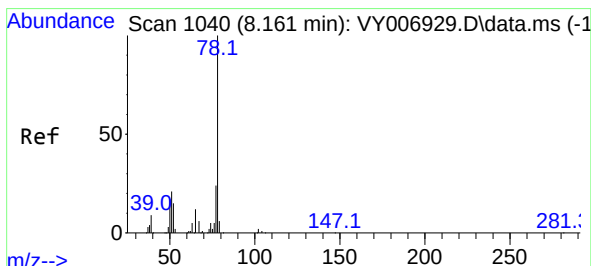
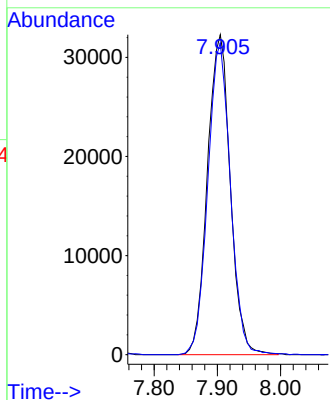
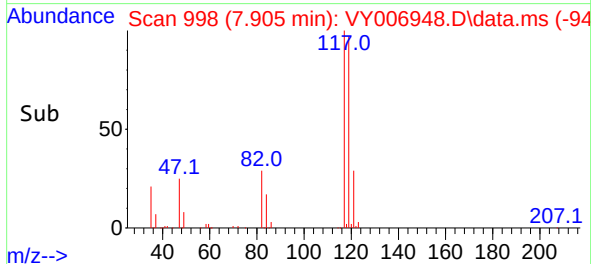
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



Tgt Ion:117 Resp: 8107
Ion Ratio Lower Upper
117 100
119 95.6 76.4 114.6

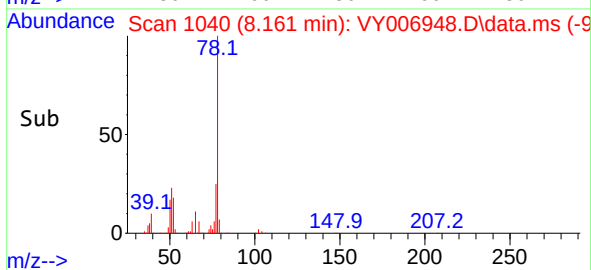
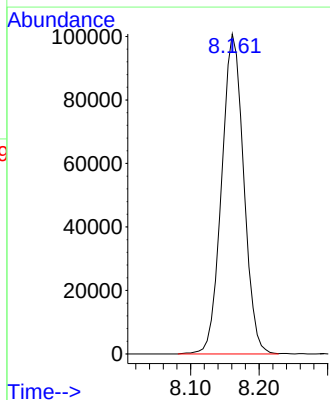
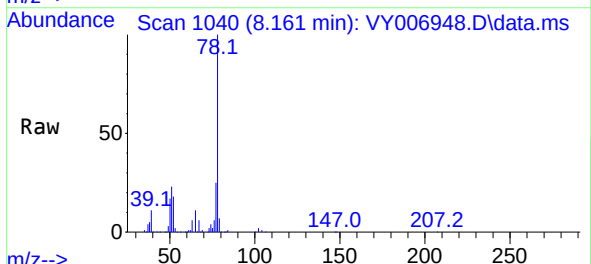
Manual Integrations
APPROVED

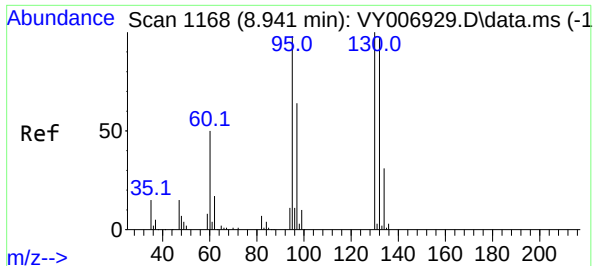
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#33
Benzene
Concen: 26.572 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

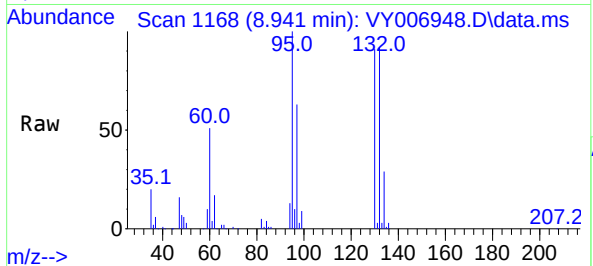
Tgt Ion: 78 Resp: 225364





#34
Trichloroethene
Concen: 26.172 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

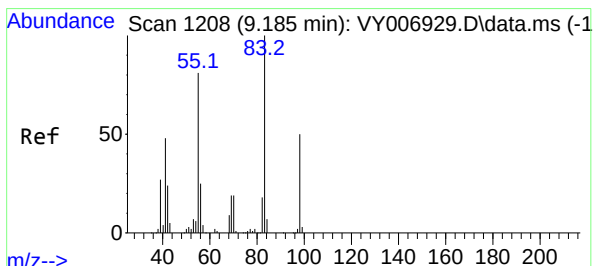
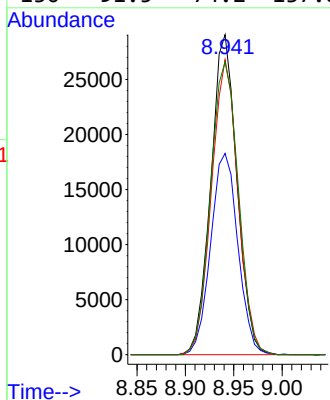
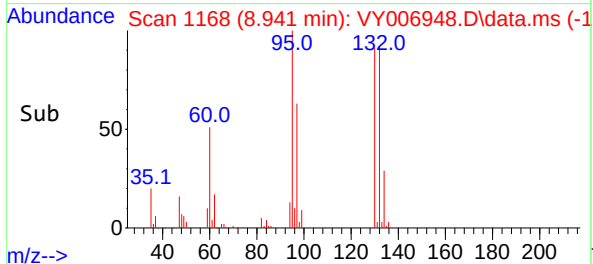
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



Tgt Ion: 95 Resp: 54674
Ion Ratio Lower Upper
95 100
97 62.9 47.3 87.8
132 92.2 71.3 132.5
130 91.5 74.2 137.8

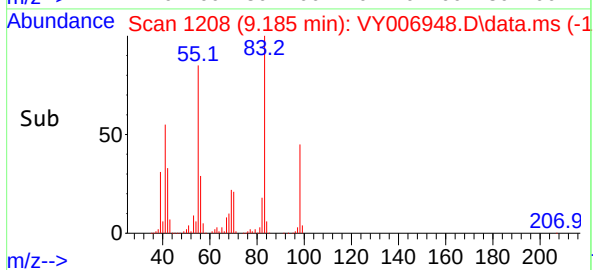
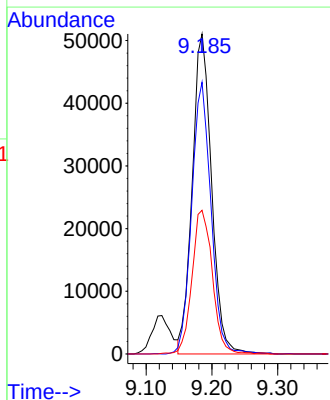
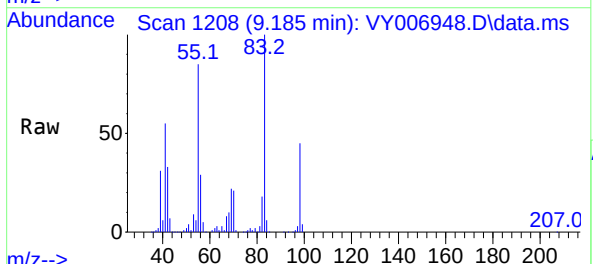
Manual Integrations
APPROVED

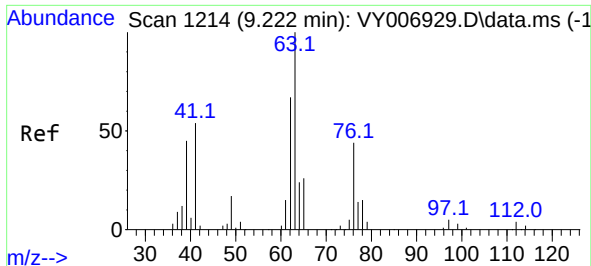
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#35
Methylcyclohexane
Concen: 27.909 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

Tgt Ion: 83 Resp: 104471
Ion Ratio Lower Upper
83 100
55 84.1 62.6 94.0
98 46.9 39.1 58.7





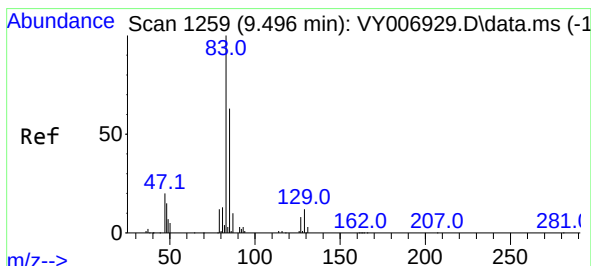
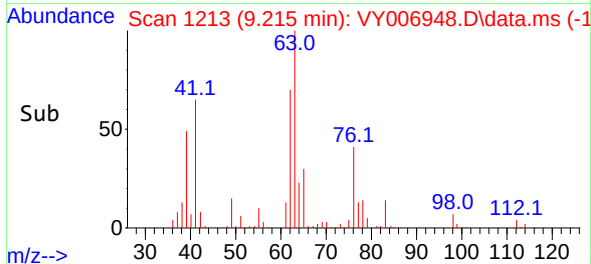
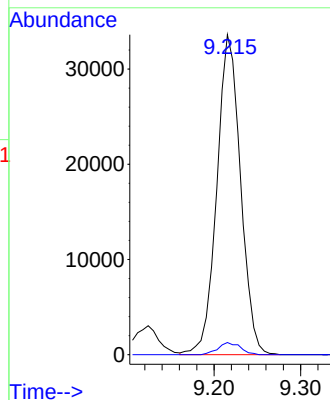
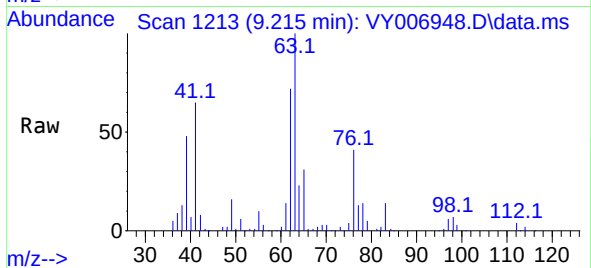
#37
1,2-Dichloropropane
Concen: 29.407 ug/L
RT: 9.215 min Scan# 112
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS

Tgt Ion: 63 Resp: 6393
Ion Ratio Lower Upper
63 100
112 3.6 3.4 5.2

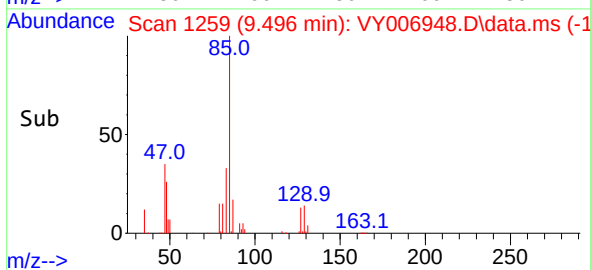
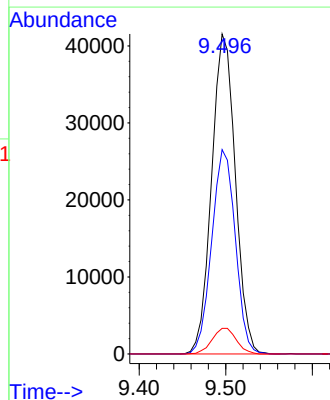
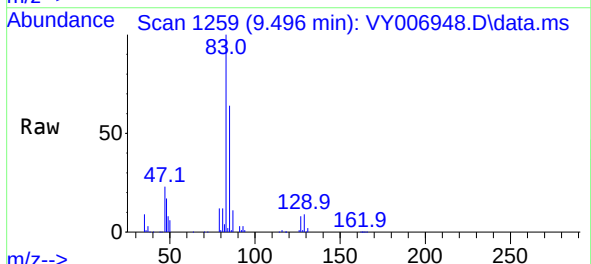
Manual Integrations
APPROVED

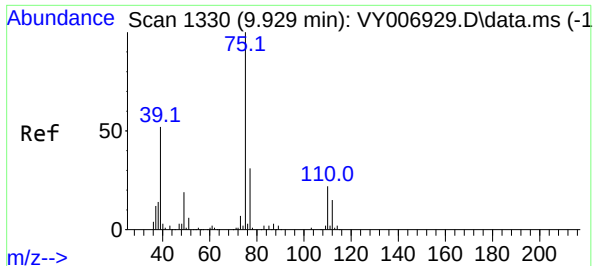
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#38
Bromodichloromethane
Concen: 28.046 ug/L
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

Tgt Ion: 83 Resp: 78999
Ion Ratio Lower Upper
83 100
85 63.8 45.4 84.2
127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 27.799 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY006948.D

Acq: 04 Dec 2021 17:37

Instrument :

MSVOA_Y

ClientSampleId :

EW9K3MS

Tgt Ion: 75 Resp: 9487

Ion Ratio Lower Upper

75 100

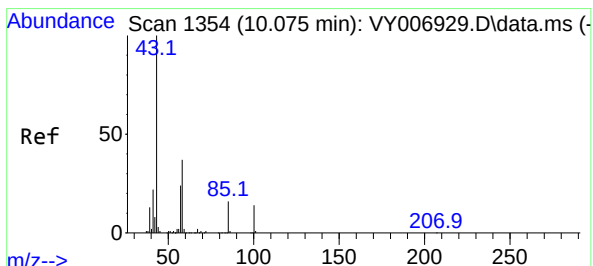
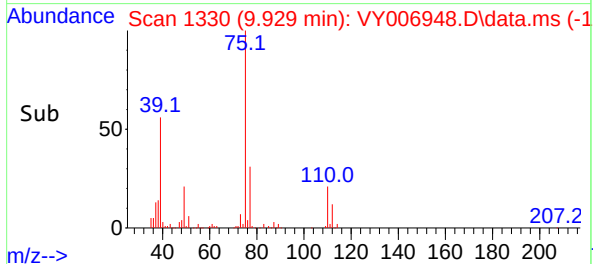
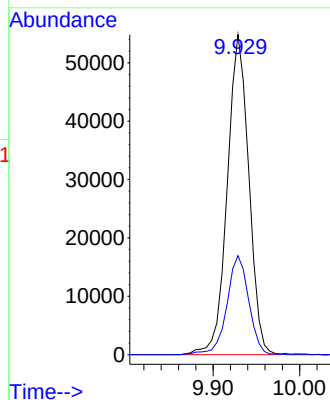
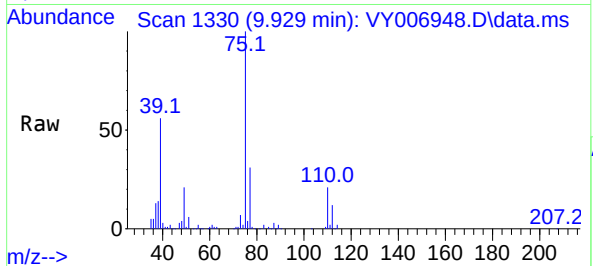
77 31.0 21.8 40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Mahesh Dadoda 12/14/2021



#40

4-Methyl-2-pentanone

Concen: 77.979 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006948.D

Acq: 04 Dec 2021 17:37

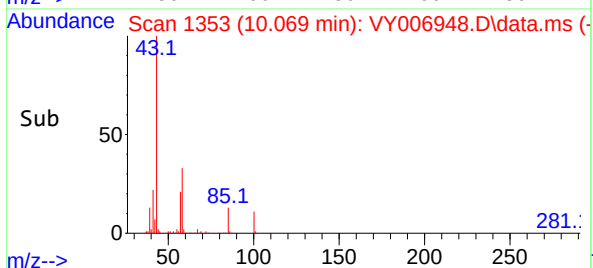
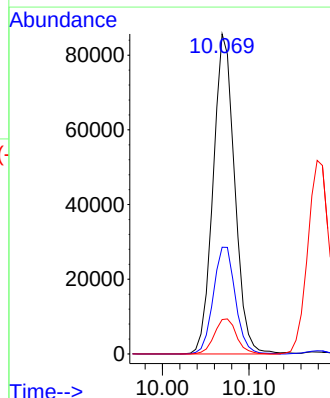
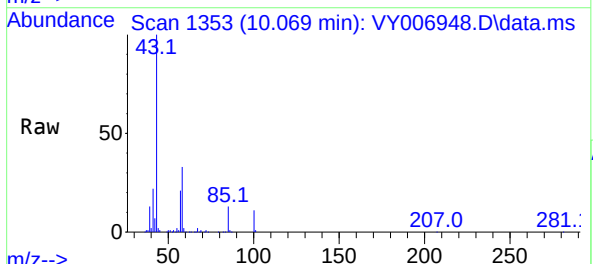
Tgt Ion: 43 Resp: 147867

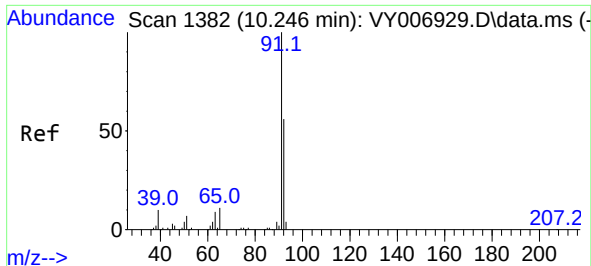
Ion Ratio Lower Upper

43 100

58 34.2 28.6 43.0

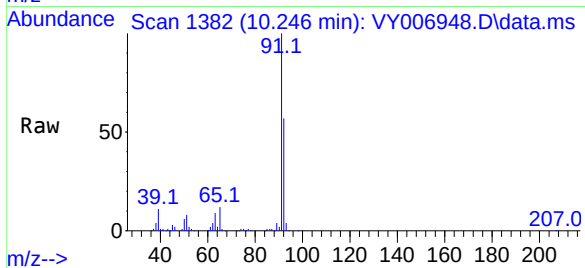
100 11.3 11.1 16.7





#42
Toluene
Concen: 25.995 ug/L
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

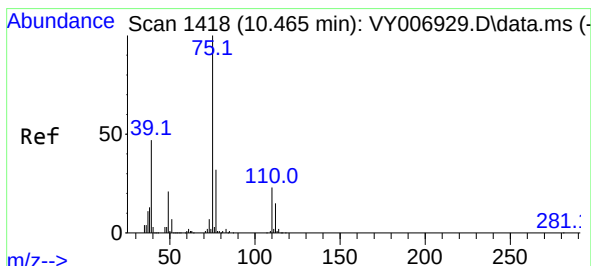
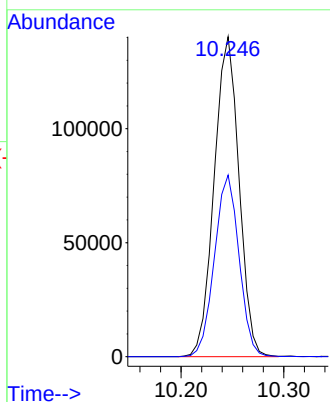
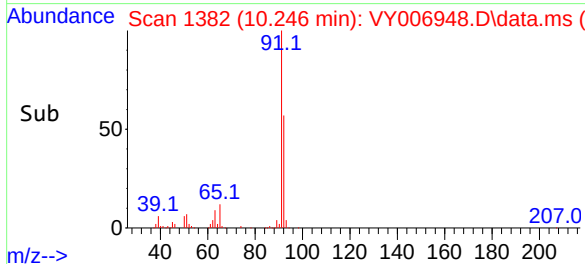
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



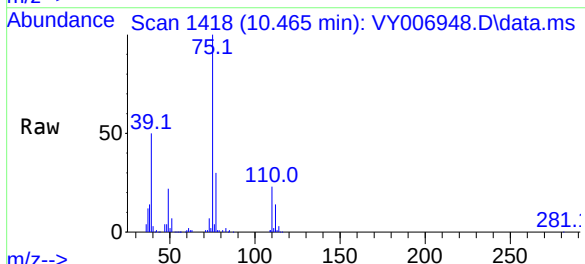
Tgt Ion: 91 Resp: 23520
Ion Ratio Lower Upper
91 100
92 56.7 39.8 74.0

Manual Integrations
APPROVED

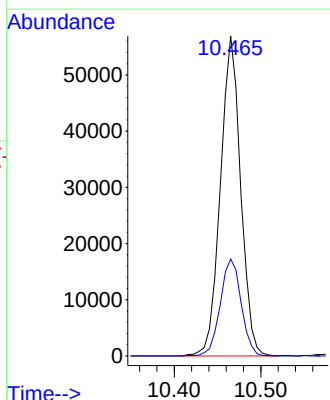
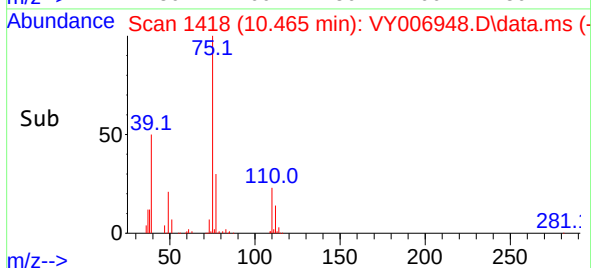
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

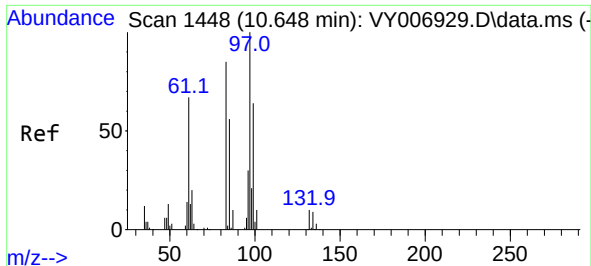


#44
trans-1,3-Dichloropropene
Concen: 28.946 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



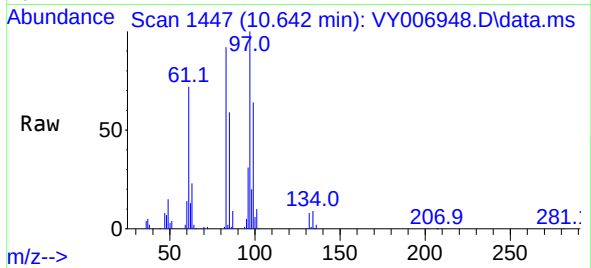
Tgt Ion: 75 Resp: 92316
Ion Ratio Lower Upper
75 100
77 30.3 22.6 42.0





#45
1,1,2-Trichloroethane
Concen: 29.085 ug/L
RT: 10.642 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

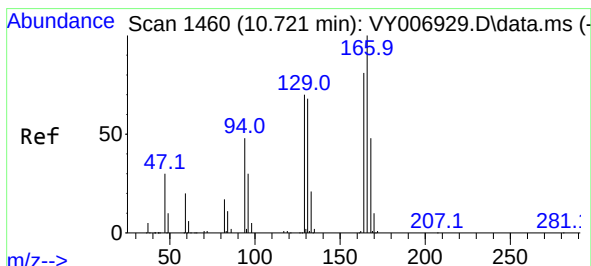
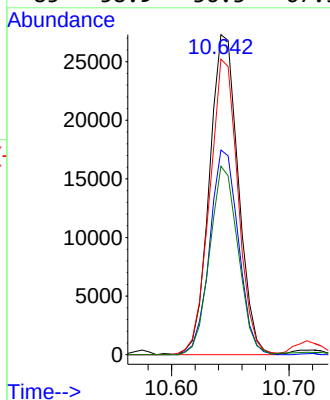
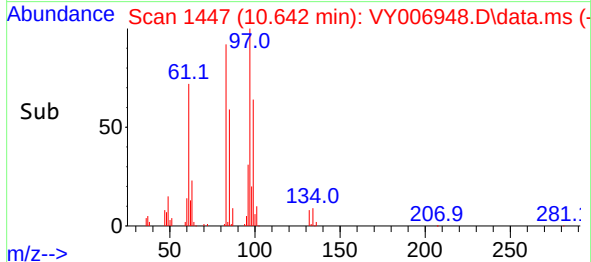
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



Tgt Ion: 97 Resp: 4658
Ion Ratio Lower Upper
97 100
99 63.9 43.0 79.8
83 92.4 58.9 109.3
85 58.9 36.3 67.3

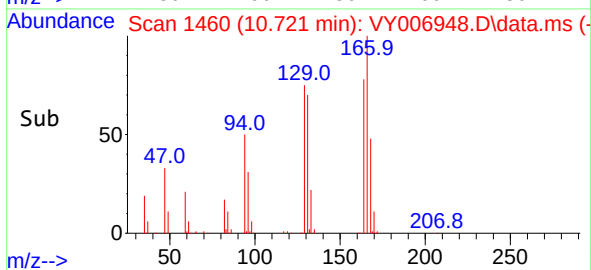
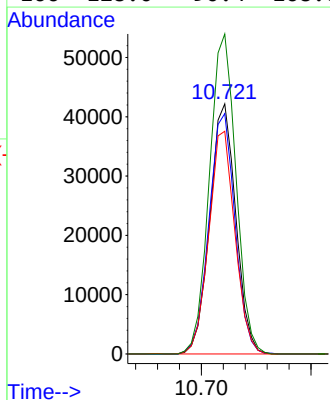
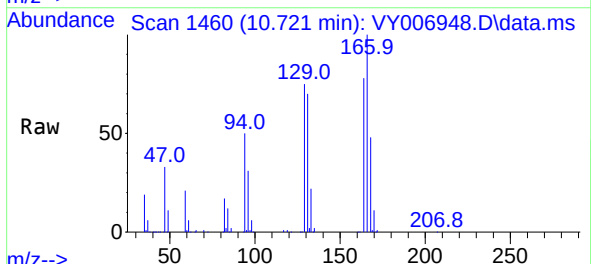
Manual Integrations
APPROVED

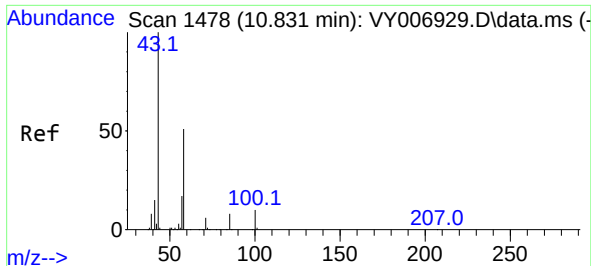
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#46
Tetrachloroethene
Concen: 39.648 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

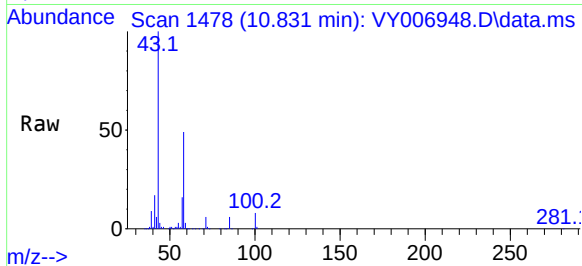
Tgt Ion:164 Resp: 69391
Ion Ratio Lower Upper
164 100
129 96.1 62.1 115.3
131 89.1 61.0 113.2
166 128.0 90.4 168.0





#48
2-Hexanone
Concen: 82.903 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

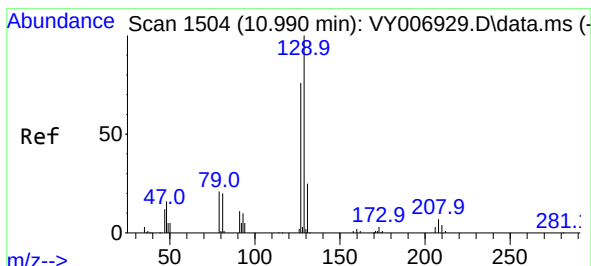
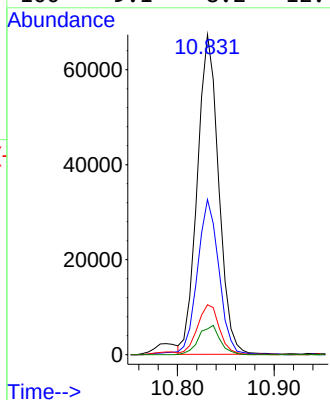
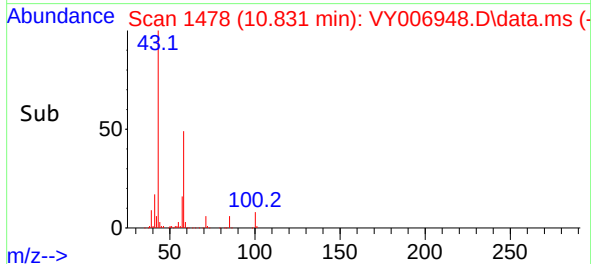
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



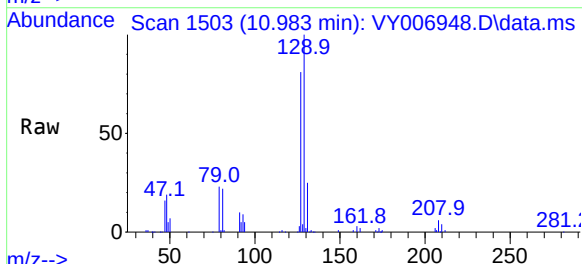
Tgt Ion: 43 Resp: 10374
Ion Ratio Lower Upper
43 100
58 47.9 39.9 59.9
57 16.2 14.2 21.4
100 9.1 8.2 12.4

Manual Integrations
APPROVED

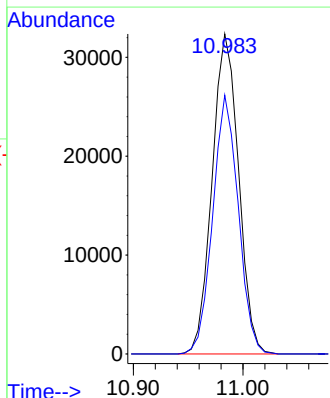
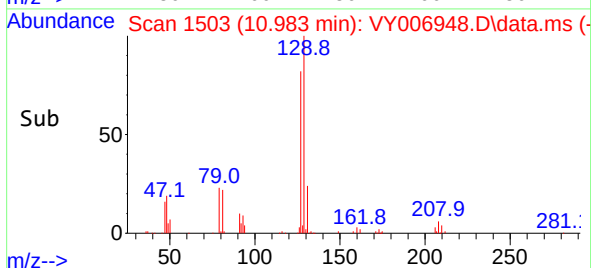
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

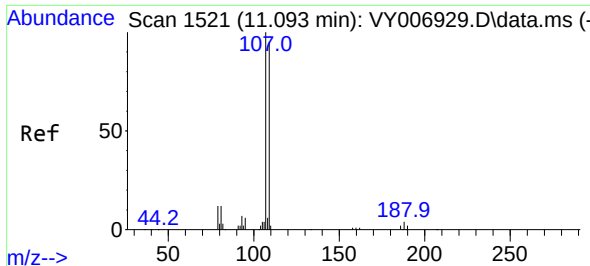


#49
Dibromochloromethane
Concen: 27.875 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



Tgt Ion:129 Resp: 54338
Ion Ratio Lower Upper
129 100
127 80.9 52.1 96.9





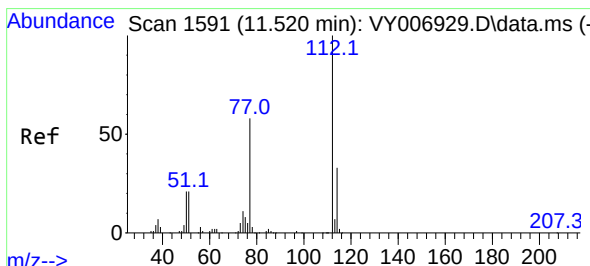
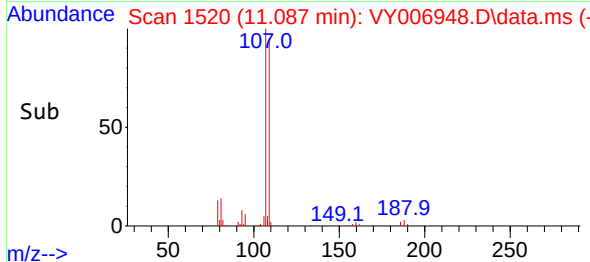
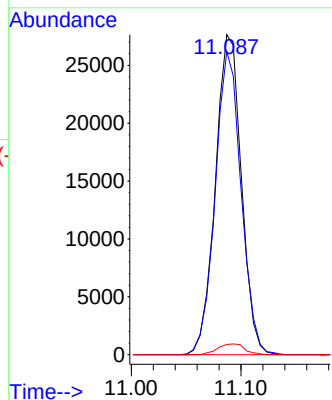
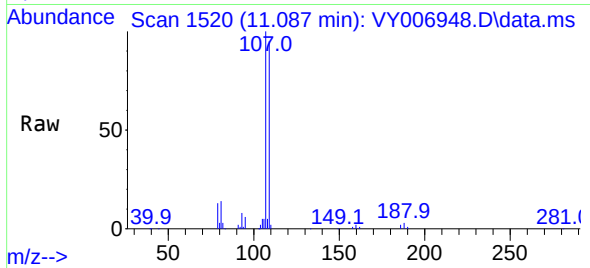
#50
1,2-Dibromoethane
Concen: 30.019 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS

Tgt Ion:107 Resp: 4550
Ion Ratio Lower Upper
107 100
109 94.7 65.2 121.0
188 3.2 3.1 4.7

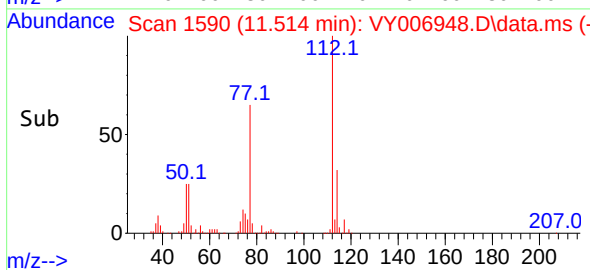
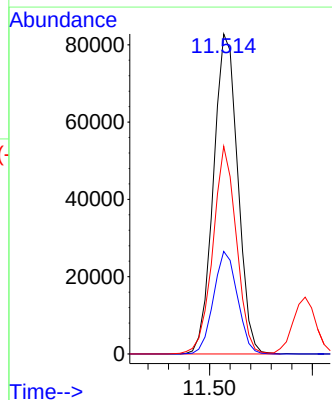
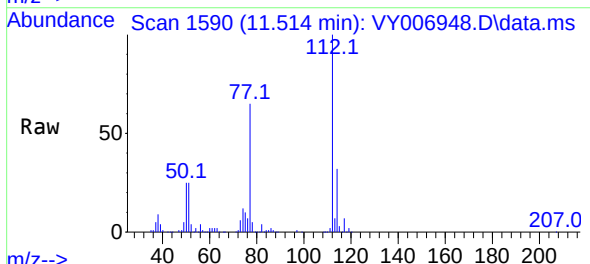
Manual Integrations
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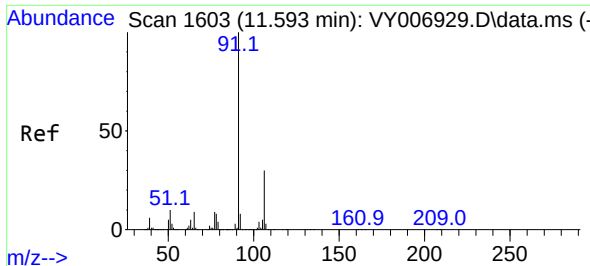
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#51
Chlorobenzene
Concen: 24.622 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

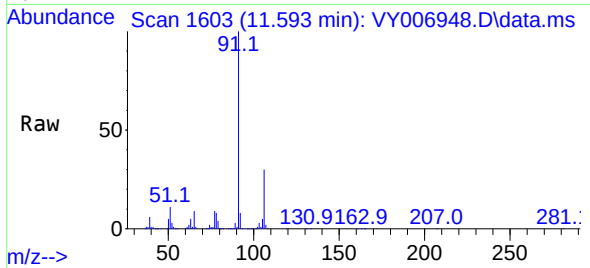
Tgt Ion:112 Resp: 135872
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 64.9 47.6 71.4





#52
Ethylbenzene
Concen: 26.239 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

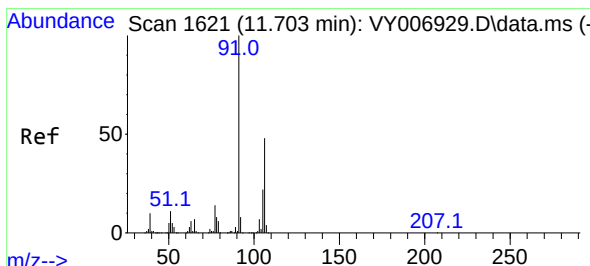
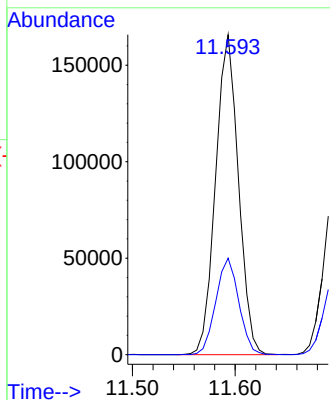
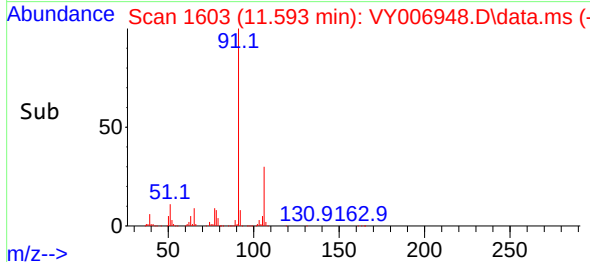
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



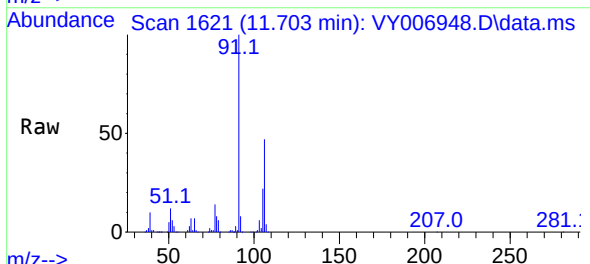
Tgt Ion: 91 Resp: 255190
Ion Ratio Lower Upper
91 100
106 30.2 21.4 39.8

Manual Integrations
APPROVED

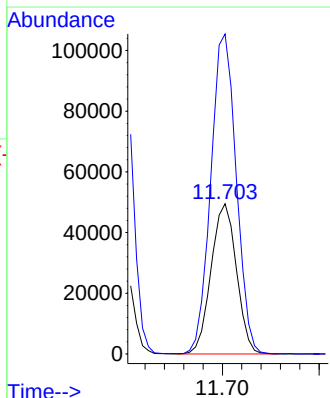
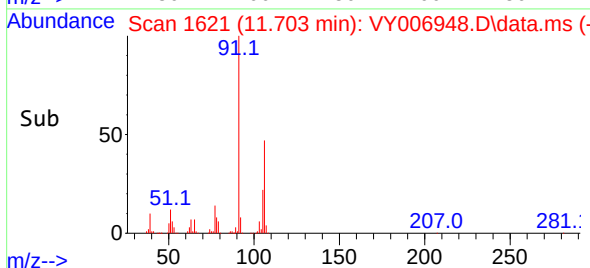
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

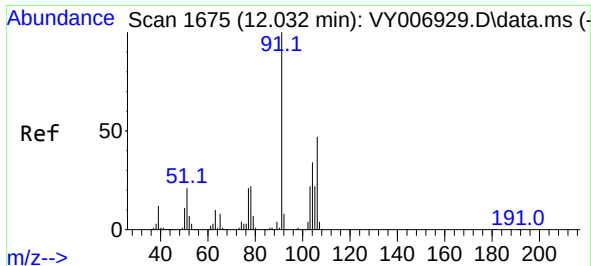


#53
m,p-Xylene
Concen: 24.508 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



Tgt Ion:106 Resp: 90168
Ion Ratio Lower Upper
106 100
91 212.9 144.7 268.7





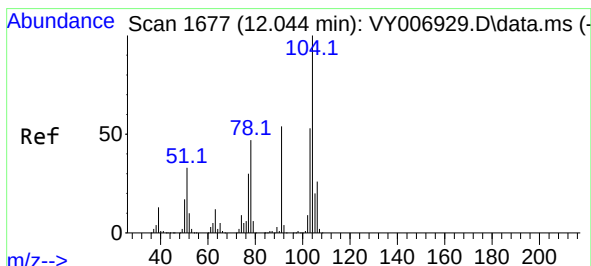
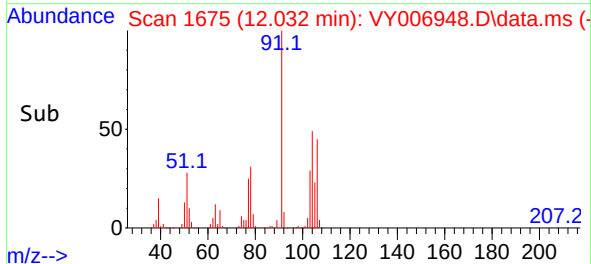
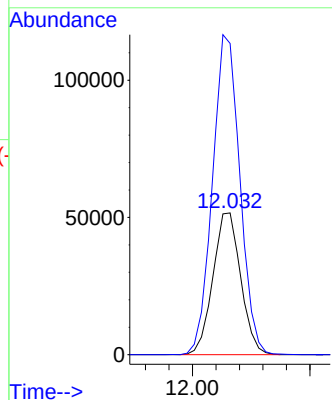
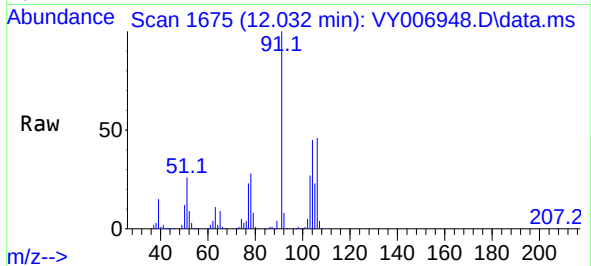
#54
o-Xylene
Concen: 24.522 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS

Tgt Ion:106 Resp: 84870
Ion Ratio Lower Upper
106 100
91 219.5 155.5 288.7

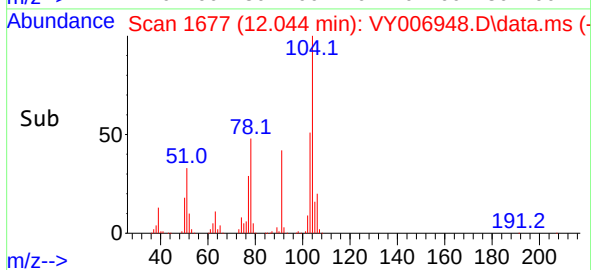
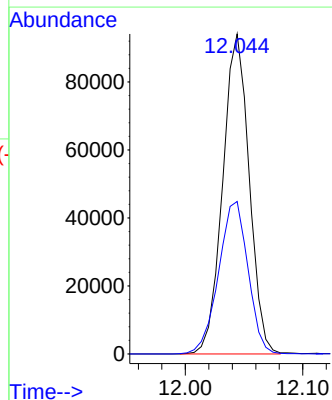
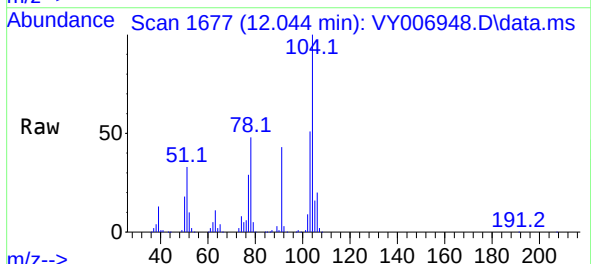
Manual Integrations
APPROVED

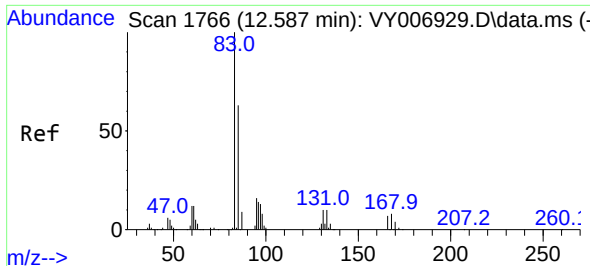
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#55
Styrene
Concen: 24.323 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

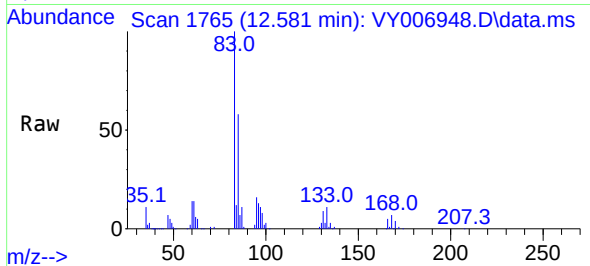
Tgt Ion:104 Resp: 147284
Ion Ratio Lower Upper
104 100
78 47.7 30.8 57.2





#57
1,1,2,2-Tetrachloroethane
Concen: 31.927 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

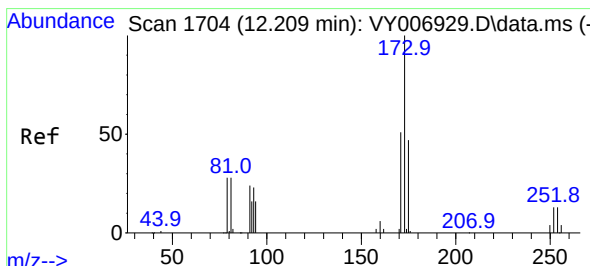
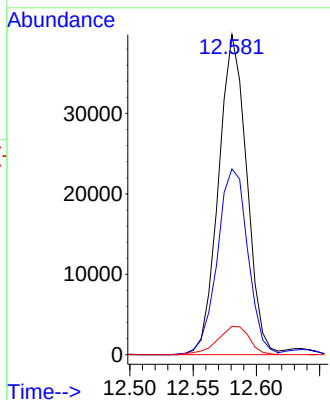
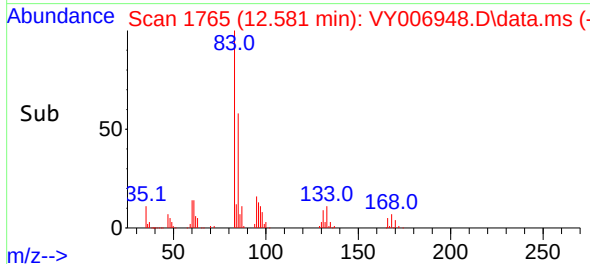
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



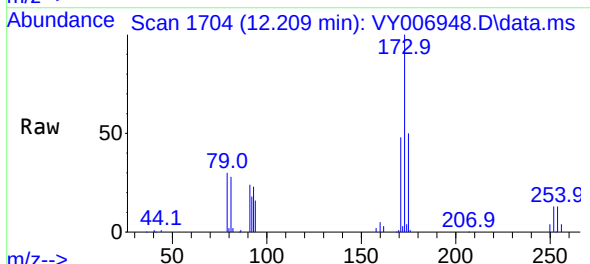
Tgt Ion: 83 Resp: 61708
Ion Ratio Lower Upper
83 100
85 58.1 45.4 84.2
131 8.8 7.8 11.8

Manual Integrations
APPROVED

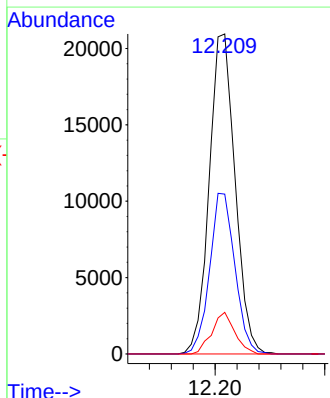
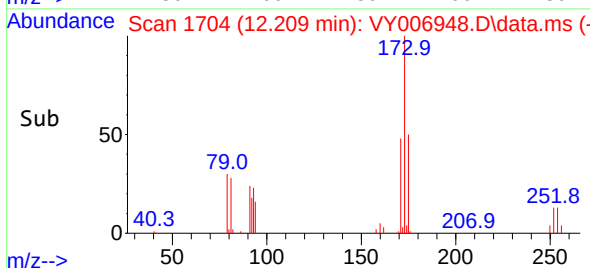
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

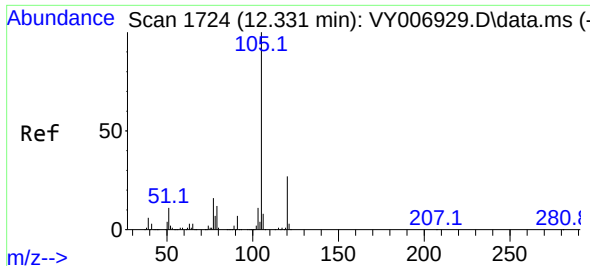


#59
Bromoform
Concen: 28.121 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



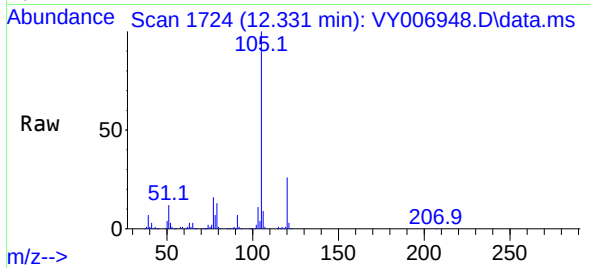
Tgt Ion:173 Resp: 34326
Ion Ratio Lower Upper
173 100
175 49.0 38.6 58.0
254 11.6 10.3 15.5





#60
Isopropylbenzene
Concen: 26.112 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

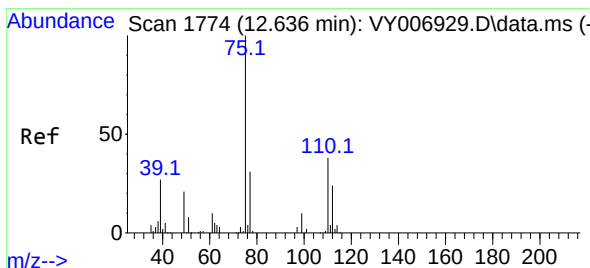
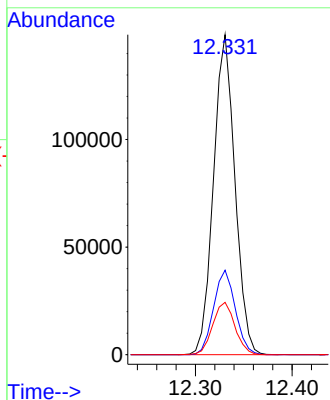
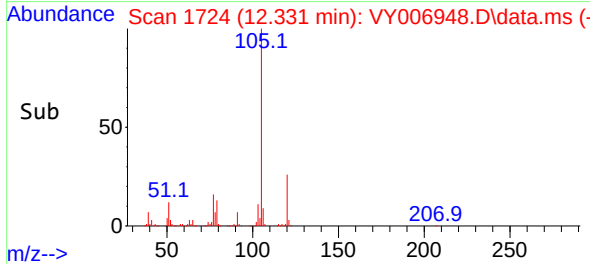
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



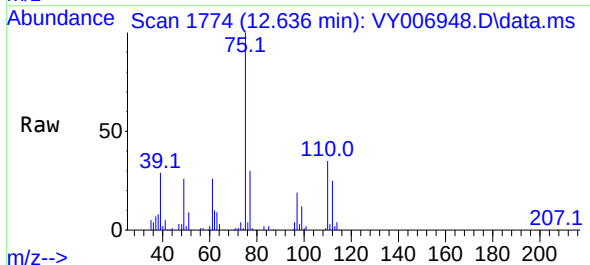
Tgt Ion:105 Resp: 22870
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 17.0 13.2 19.8

Manual Integrations
APPROVED

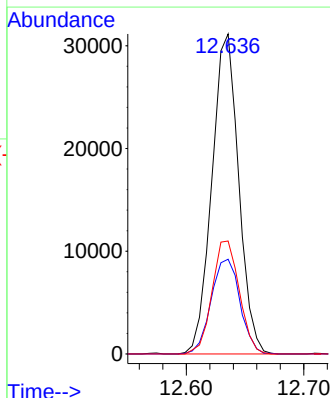
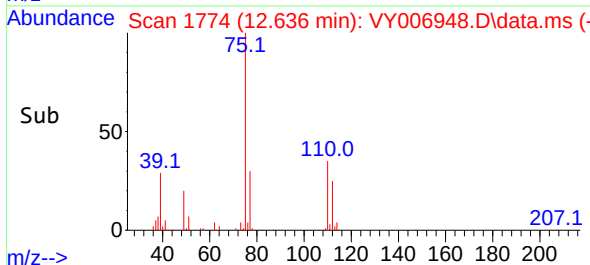
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

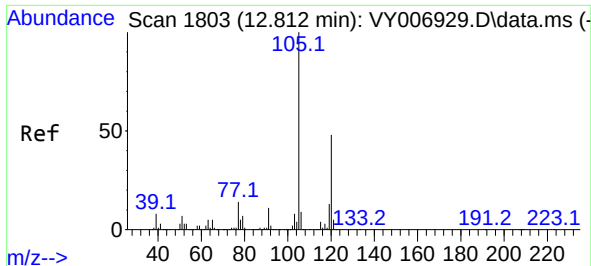


#61
1,2,3-Trichloropropane
Concen: 33.951 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



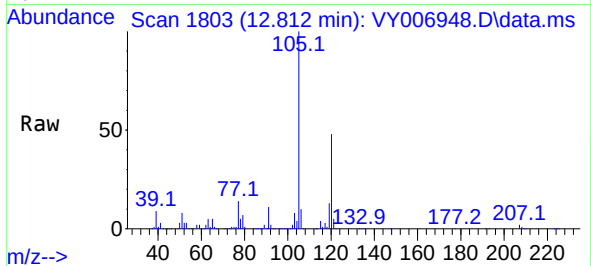
Tgt Ion: 75 Resp: 49393
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
110 35.9 31.7 47.5





#62
1,3,5-Trimethylbenzene
Concen: 26.504 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

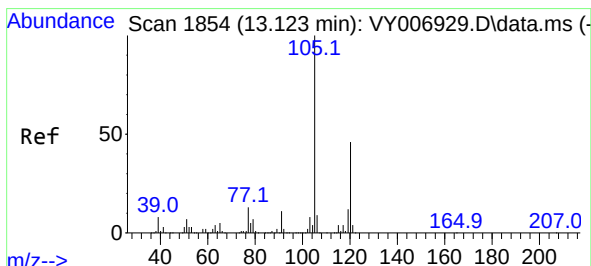
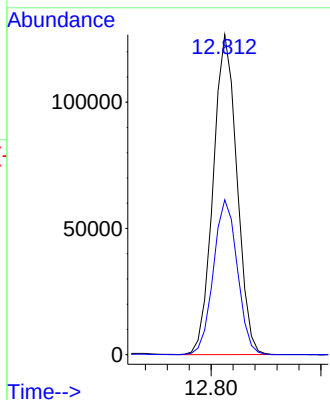
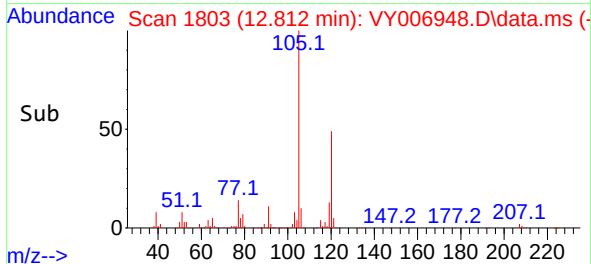
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



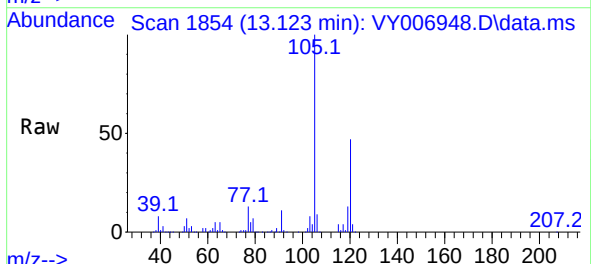
Tgt Ion:105 Resp: 19086
Ion Ratio Lower Upper
105 100
120 48.8 39.0 58.4

Manual Integrations
APPROVED

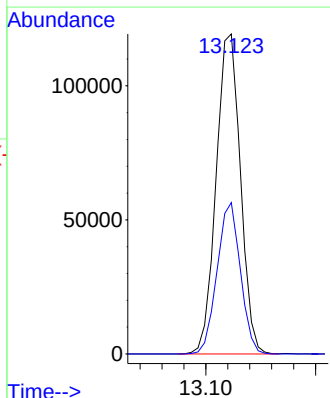
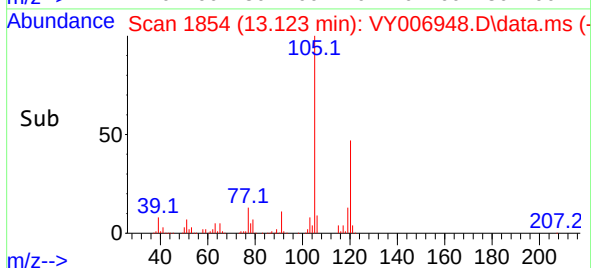
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

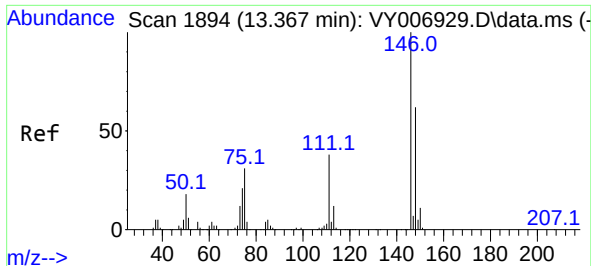


#63
1,2,4-Trimethylbenzene
Concen: 26.080 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



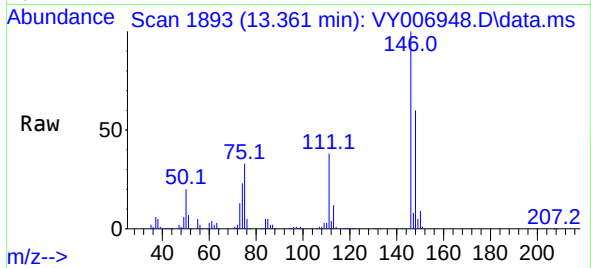
Tgt Ion:105 Resp: 183703
Ion Ratio Lower Upper
105 100
120 45.3 36.0 54.0





#64
1,3-Dichlorobenzene
Concen: 23.795 ug/L
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

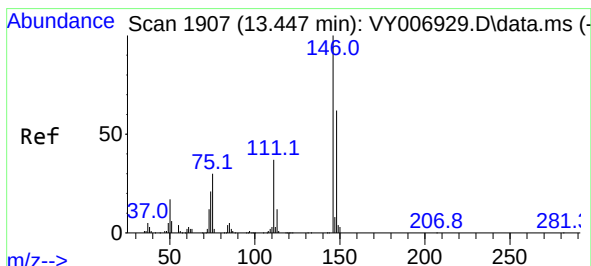
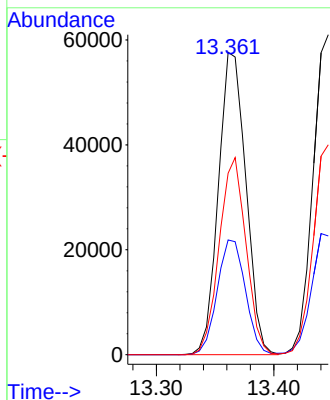
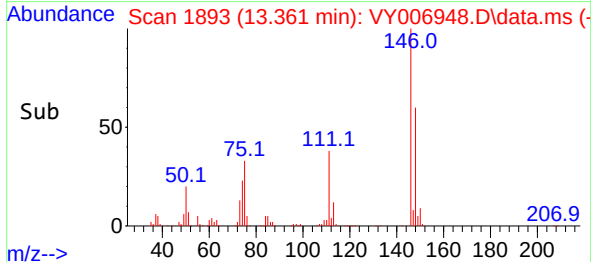
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



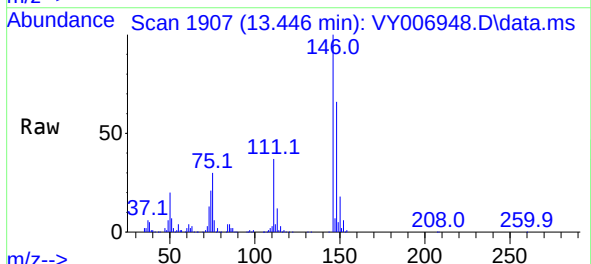
Tgt Ion:146 Resp: 93790
Ion Ratio Lower Upper
146 100
111 37.9 27.4 51.0
148 60.0 45.4 84.2

Manual Integrations
APPROVED

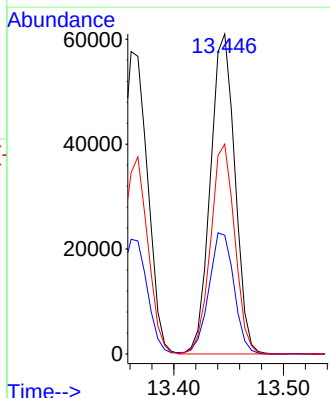
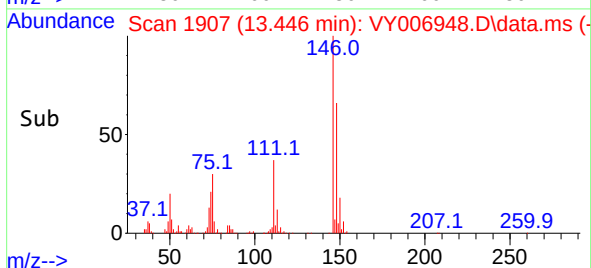
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

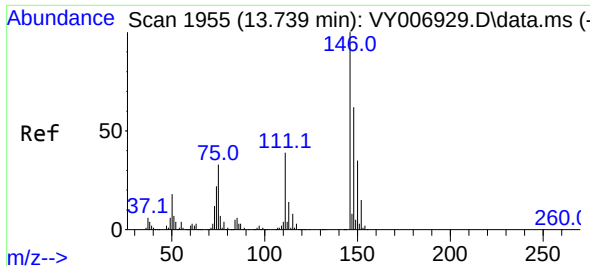


#65
1,4-Dichlorobenzene
Concen: 23.620 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



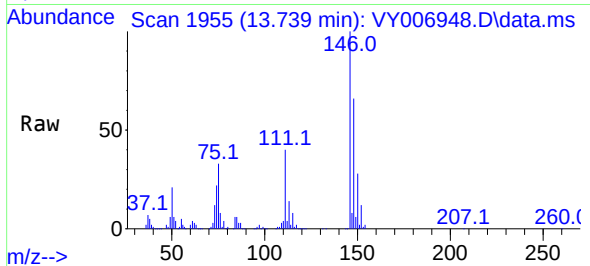
Tgt Ion:146 Resp: 94874
Ion Ratio Lower Upper
146 100
111 37.1 25.3 46.9
148 65.6 44.9 83.5





#67
1,2-Dichlorobenzene
Concen: 23.628 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

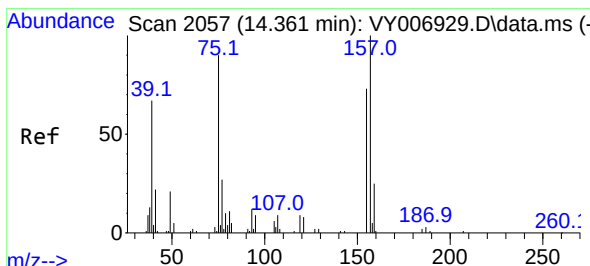
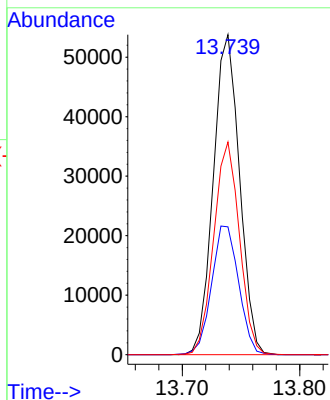
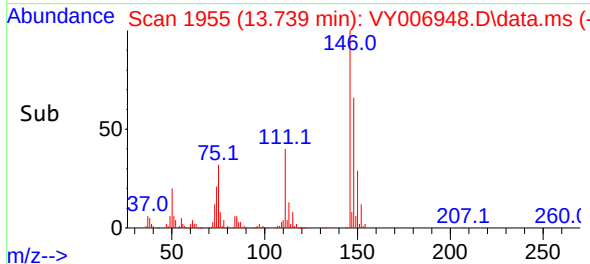
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



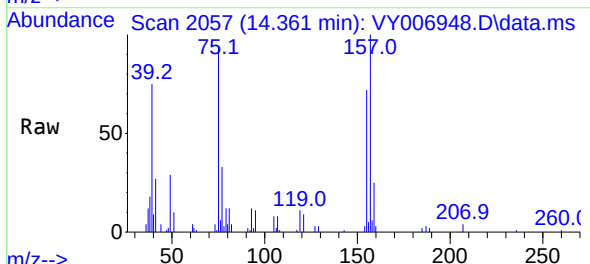
Tgt Ion:146 Resp: 83399
Ion Ratio Lower Upper
146 100
111 40.0 31.0 46.6
148 66.4 50.2 75.2

Manual Integrations
APPROVED

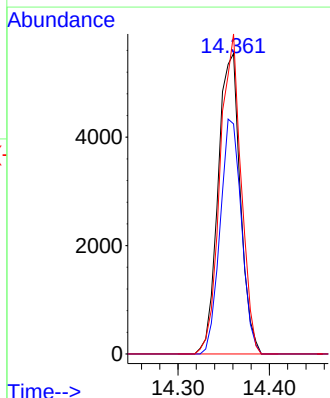
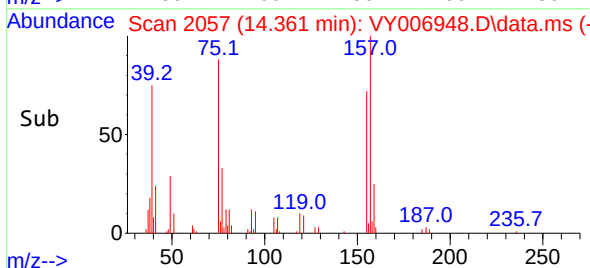
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

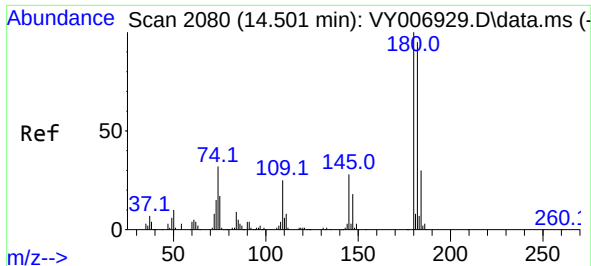


#68
1,2-Dibromo-3-chloropropane
Concen: 29.870 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



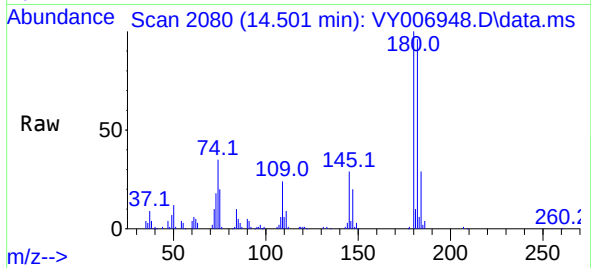
Tgt Ion: 75 Resp: 9357
Ion Ratio Lower Upper
75 100
155 76.6 66.3 99.5
157 106.5 93.9 140.9





#69
1,3,5-Trichlorobenzene
Concen: 16.703 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

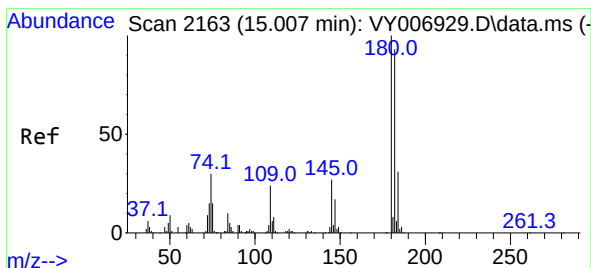
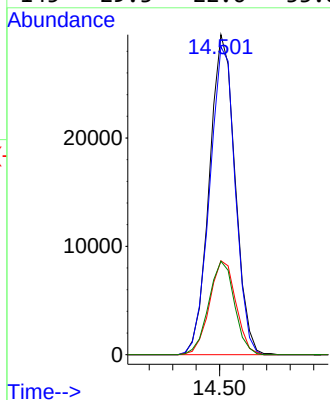
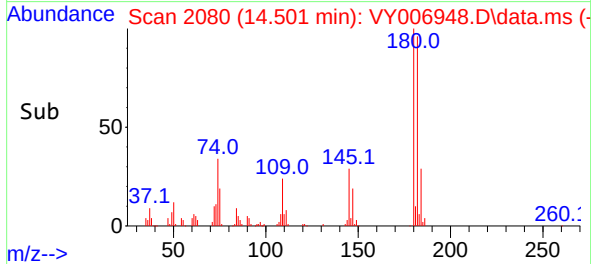
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



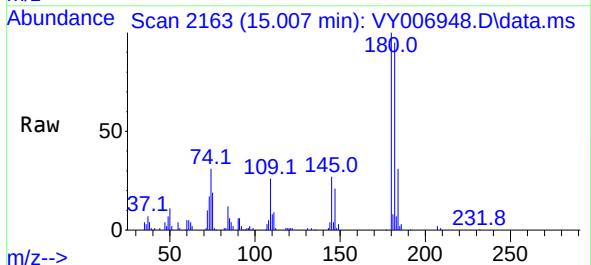
Tgt Ion:180 Resp: 4480
Ion Ratio Lower Upper
180 100
182 95.7 76.0 114.0
184 30.1 24.6 36.8
145 29.3 22.6 33.8

Manual Integrations
APPROVED

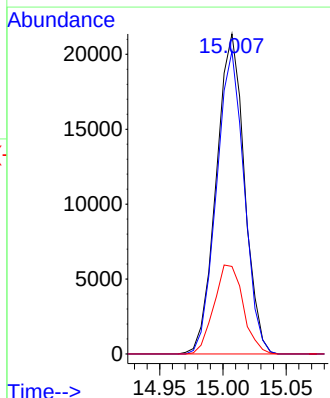
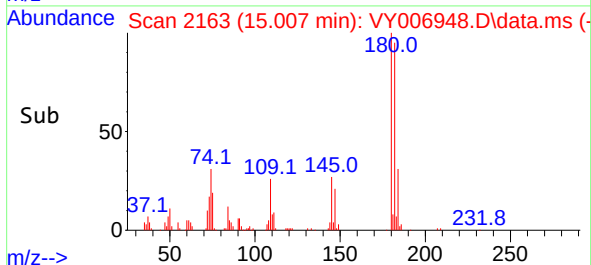
Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021

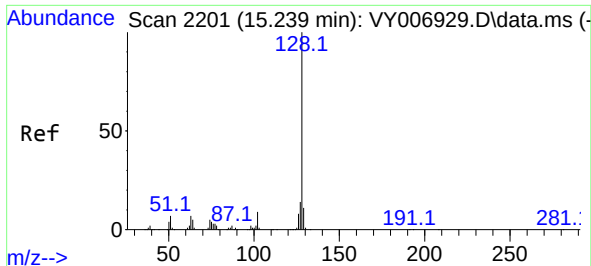


#70
1,2,4-trichlorobenzene
Concen: 15.250 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



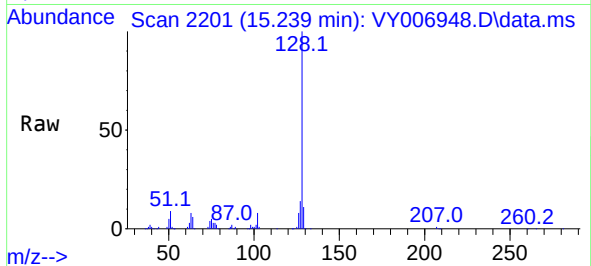
Tgt Ion:180 Resp: 32995
Ion Ratio Lower Upper
180 100
182 92.9 75.6 113.4
145 28.8 23.0 34.6





#71
Naphthalene
Concen: 20.690 ug/L
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37

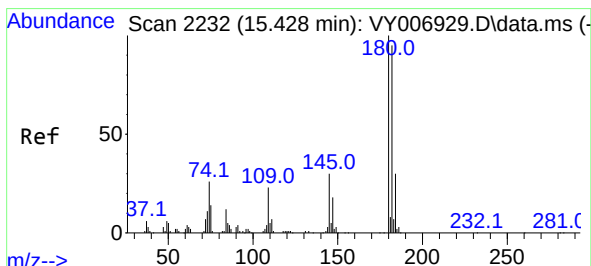
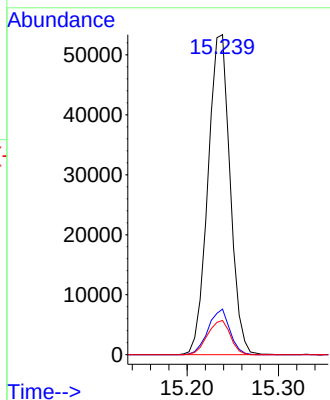
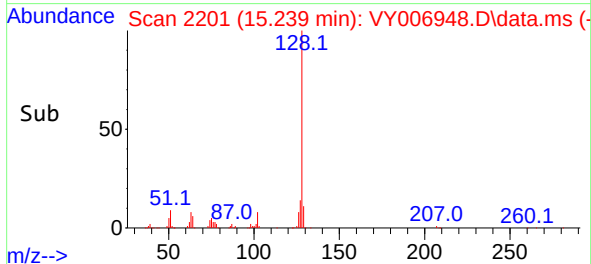
Instrument :
MSVOA_Y
ClientSampleId :
EW9K3MS



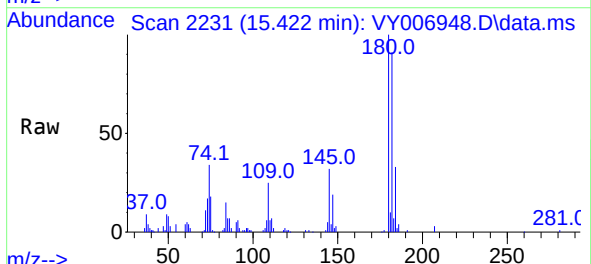
Tgt Ion:128 Resp: 89698
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Mahesh Dadoda 12/14/2021



#72
1,2,3-Trichlorobenzene
Concen: 15.882 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY006948.D
Acq: 04 Dec 2021 17:37



Tgt Ion:180 Resp: 29035
Ion Ratio Lower Upper
180 100
182 92.5 75.5 113.3
145 31.0 23.5 35.3

