

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030822\
 Data File : VW022227.D
 Acq On : 08 Mar 2022 14:49
 Operator : SY/VA
 Sample : N1816-09MSD
 Misc : 6.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 09 00:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Mar 09 00:23:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	121648	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	116725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	71150	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	22383	14.107	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.440%
7) Chloroethane-d5	2.879	69	23614	18.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.680%
11) 1,1-Dichloroethene-d2	4.019	63	44599	18.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.440%
21) 2-Butanone-d5	7.074	46	30316	113.639	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	227.280%#
24) Chloroform-d	7.647	84	68326	25.174	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.680%
26) 1,2-Dichloroethane-d4	8.305	65	38784	27.490	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.960%
32) Benzene-d6	8.275	84	111067	20.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	9.275	67	36308	24.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.280%
41) Toluene-d8	10.323	98	105756	19.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.320%
43) trans-1,3-Dichloroprop...	10.579	79	16273	24.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.320%
47) 2-Hexanone-d5	10.921	63	25771	103.862	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	207.720%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	54336	41.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	164.160%#
66) 1,2-Dichlorobenzene-d4	13.847	152	55763	24.401	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.002	85	12447	36.612	ug/L	96
3) Chloromethane	2.215	50	31133	26.724	ug/L	97
5) Vinyl chloride	2.355	62	47914	27.373	ug/L	96
6) Bromomethane	2.770	94	34045	27.849	ug/L	91
8) Chloroethane	2.916	64	29653	30.156	ug/L	99
9) Trichlorofluoromethane	3.257	101	30536	25.695	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	42739	29.477	ug/L	98
12) 1,1-Dichloroethene	4.038	96	34427	27.397	ug/L	92
13) Acetone	4.123	43	19849	91.097	ug/L	99
14) Carbon disulfide	4.379	76	70019	21.492	ug/L	100
15) Methyl Acetate	4.672	43	21177	43.172	ug/L	99
16) Methylene chloride	4.916	84	40937	27.416	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	38381	27.808	ug/L	97
18) Methyl tert-butyl Ether	5.422	73	69886	37.217	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	69314	31.020	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	48384	32.360	ug/L	92
22) 2-Butanone	7.171	43	29982	95.791	ug/L	96
23) Bromochloromethane	7.513	128	23817	32.609	ug/L	86
25) Chloroform	7.677	83	83264	31.936	ug/L	98

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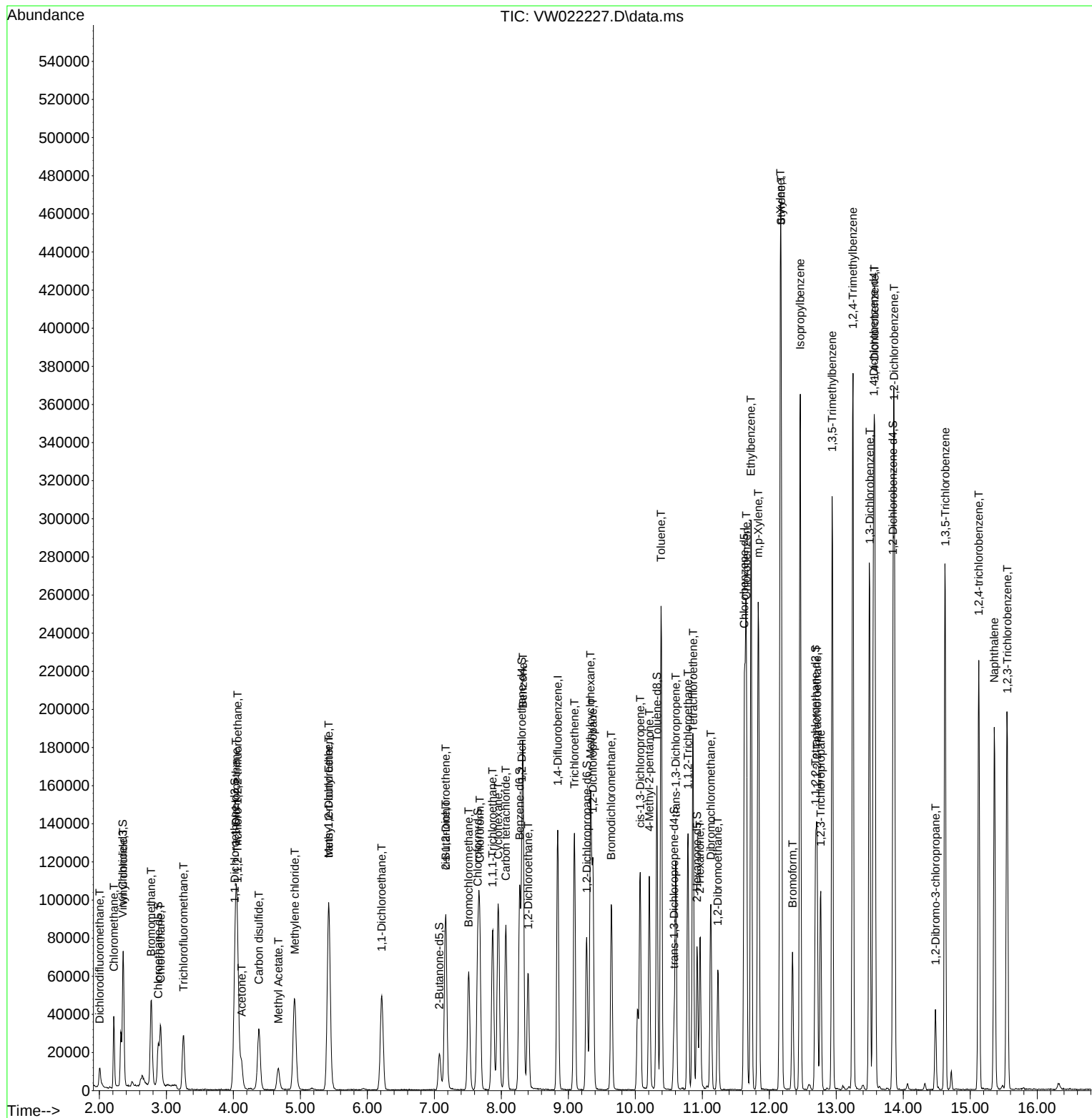
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55030	34.268	ug/L	99
29) Cyclohexane	7.952	56	51700	26.615	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	67590	28.781	ug/L	100
31) Carbon tetrachloride	8.068	117	65152	29.191	ug/L	98
33) Benzene	8.324	78	162191	28.740	ug/L	100
34) Trichloroethene	9.092	95	45974	28.452	ug/L	98
35) Methylcyclohexane	9.329	83	67630	27.060	ug/L	99
37) 1,2-Dichloropropane	9.366	63	41269	31.346	ug/L	98
38) Bromodichloromethane	9.640	83	62067	32.874	ug/L	90
39) cis-1,3-Dichloropropene	10.073	75	67243	33.601	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	65621	92.296	ug/L	99
42) Toluene	10.384	91	190398	29.809	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	63509	35.315	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	41638	35.666	ug/L	93
46) Tetrachloroethene	10.866	164	40393	28.537	ug/L	94
48) 2-Hexanone	10.963	43	47502	96.262	ug/L	97
49) Dibromochloromethane	11.128	129	52119	36.753	ug/L	99
50) 1,2-Dibromoethane	11.232	107	42111	37.397	ug/L	95
51) Chlorobenzene	11.658	112	134168	30.183	ug/L	97
52) Ethylbenzene	11.725	91	217185	30.724	ug/L	96
53) m,p-Xylene	11.835	106	88680	30.488	ug/L	100
54) o-Xylene	12.164	106	86505	31.608	ug/L	95
55) Styrene	12.177	104	150481	32.798	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	56545	41.744	ug/L	98
59) Bromoform	12.347	173	32147	34.166	ug/L #	97
60) Isopropylbenzene	12.463	105	233942	27.390	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	41160	36.653	ug/L	98
62) 1,3,5-Trimethylbenzene	12.939	105	166054	29.238	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	204029	29.395	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	120863	28.526	ug/L	96
65) 1,4-Dichlorobenzene	13.573	146	119318	28.102	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	115900	30.767	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9335	39.323	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	85345	28.064	ug/L	93
70) 1,2,4-trichlorobenzene	15.127	180	70971	30.844	ug/L	97
71) Naphthalene	15.359	128	162727	40.061	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	66614	33.471	ug/L	95

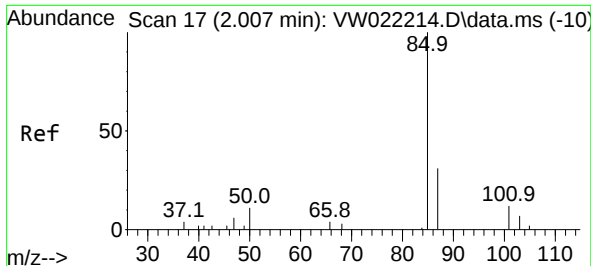
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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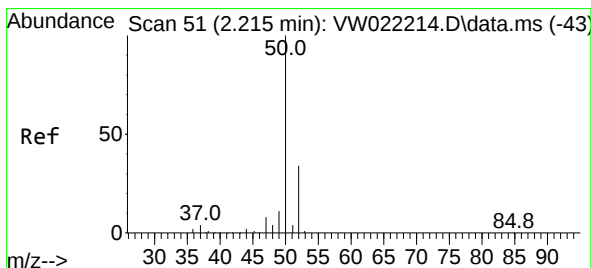
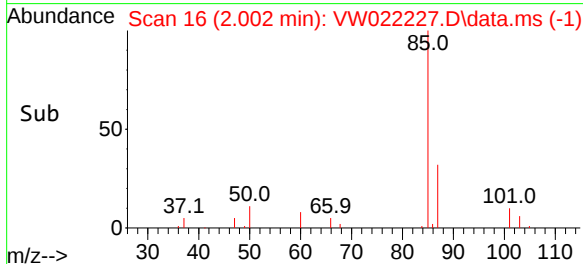
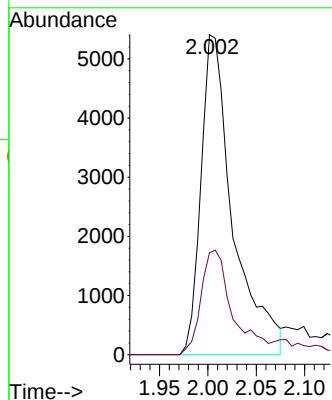
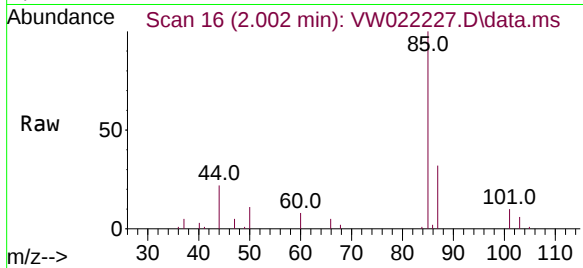




#2
 Dichlorodifluoromethane
 Concen: 36.612 ug/L
 RT: 2.002 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

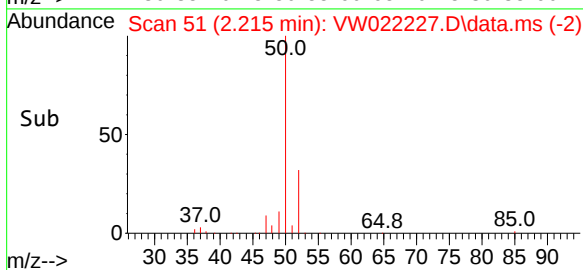
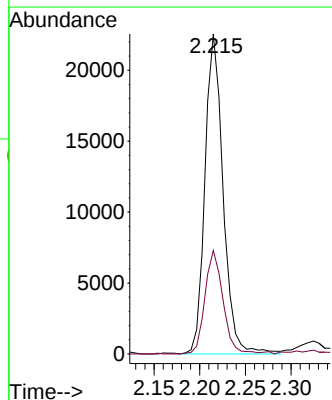
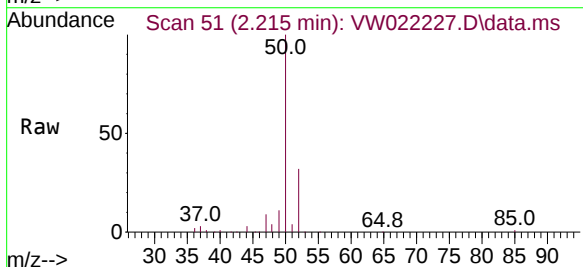
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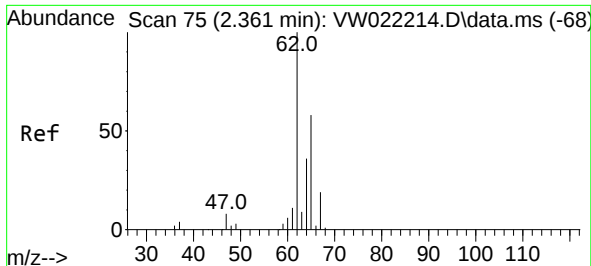
Tgt Ion: 85 Resp: 12447
 Ion Ratio Lower Upper
 85 100
 87 32.1 27.6 41.4



#3
 Chloromethane
 Concen: 26.724 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

Tgt Ion: 50 Resp: 31133
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.9 44.5

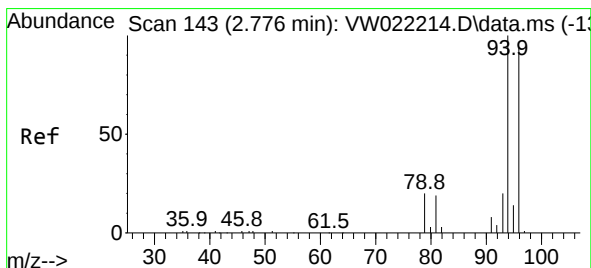
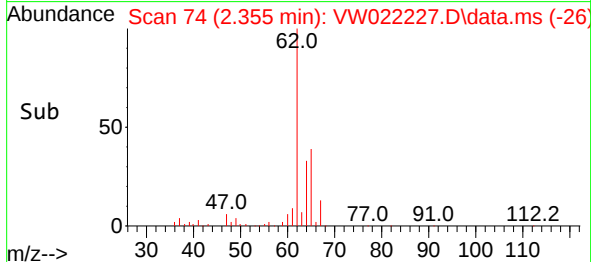
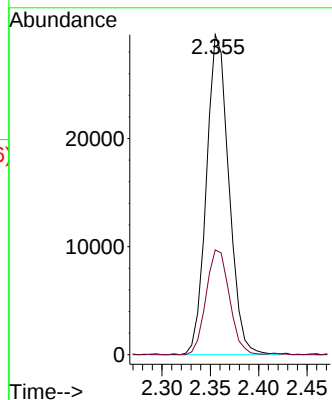
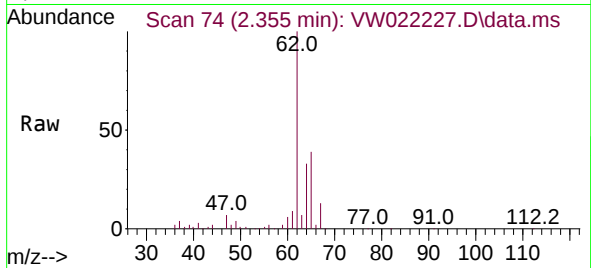




#5
 Vinyl chloride
 Concen: 27.373 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

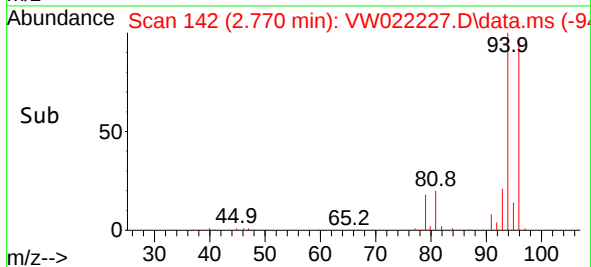
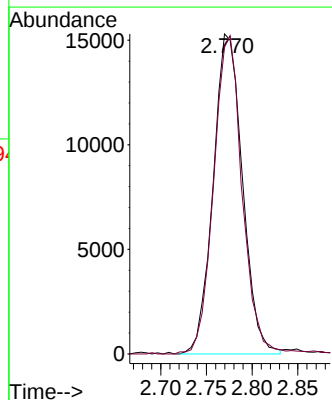
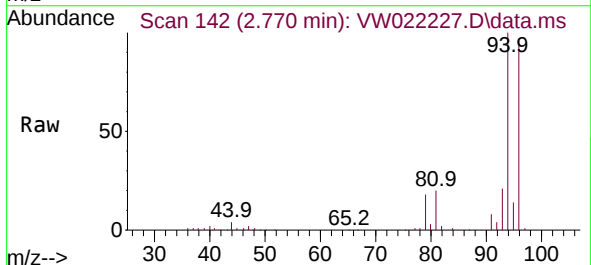
Instrument :
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 ClientSampleId :

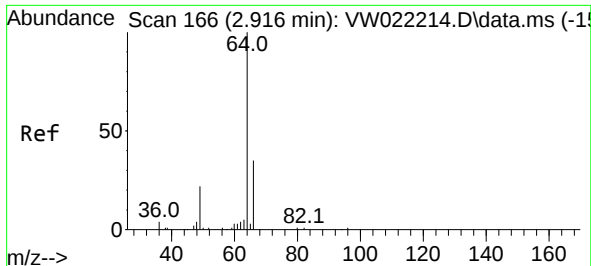
Tgt Ion: 62 Resp: 47914
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.7 45.9



#6
 Bromomethane
 Concen: 27.849 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

Tgt Ion: 94 Resp: 34045
 Ion Ratio Lower Upper
 94 100
 96 96.0 61.2 113.8

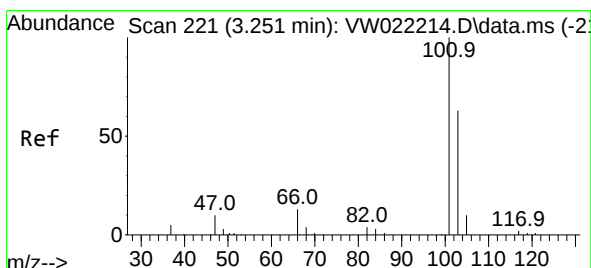
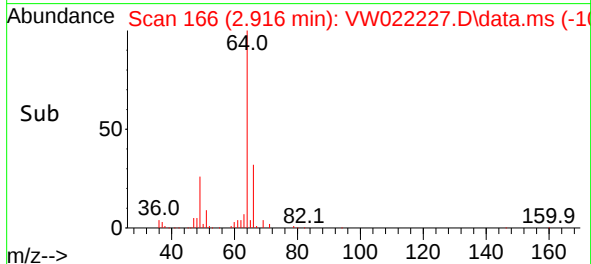
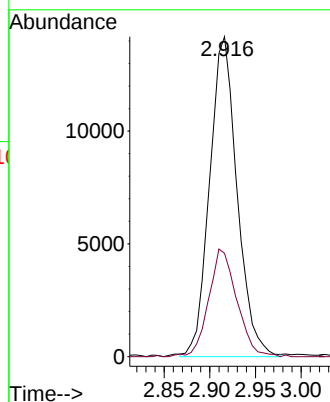
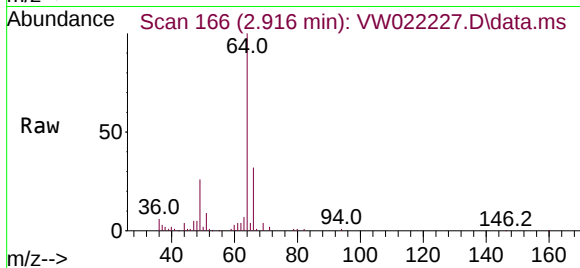




#8
Chloroethane
Concen: 30.156 ug/L
RT: 2.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

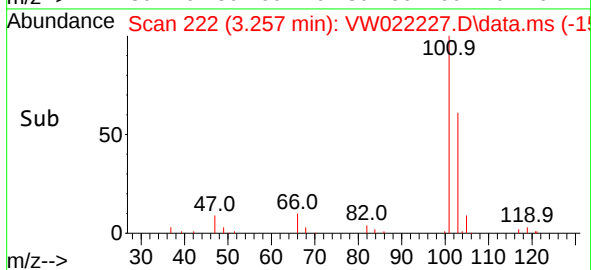
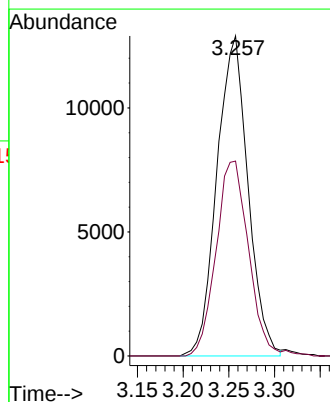
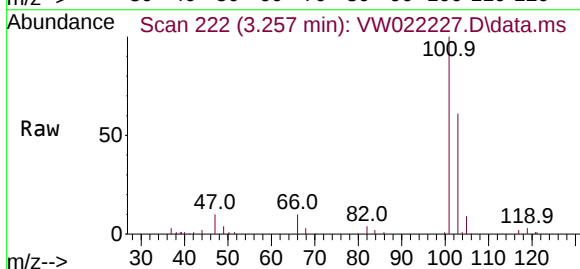
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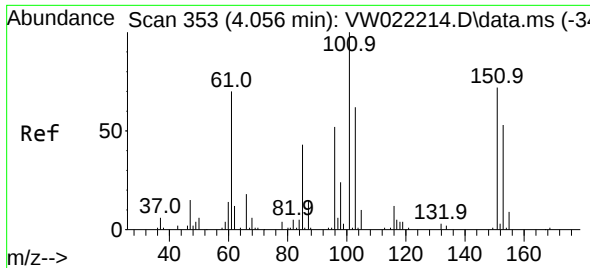
Tgt Ion: 64 Resp: 29653
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 25.695 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion: 101 Resp: 30536
Ion Ratio Lower Upper
101 100
103 63.2 53.2 79.8

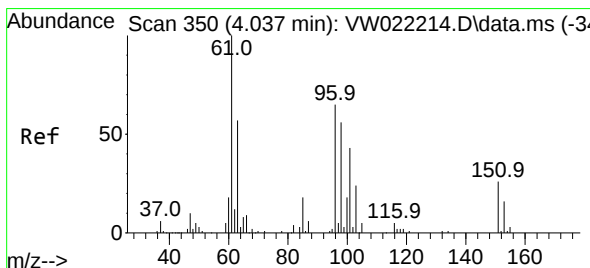
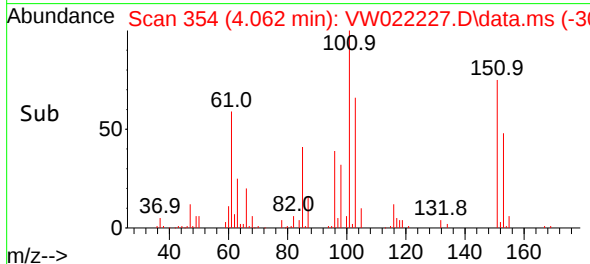
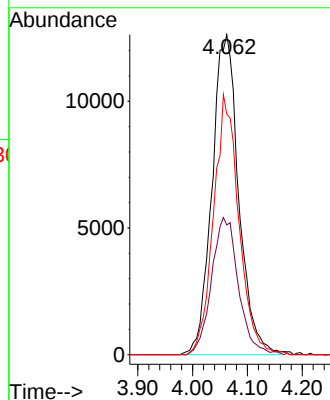
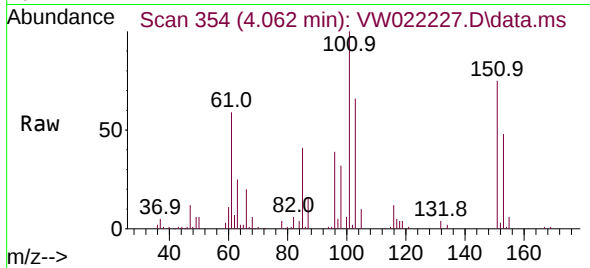




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.477 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

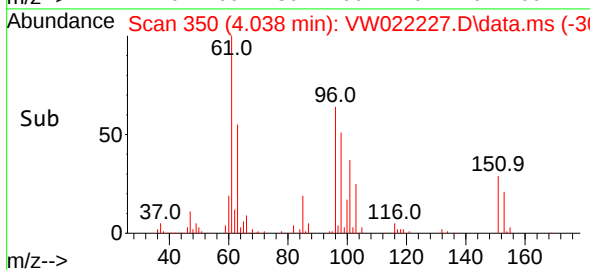
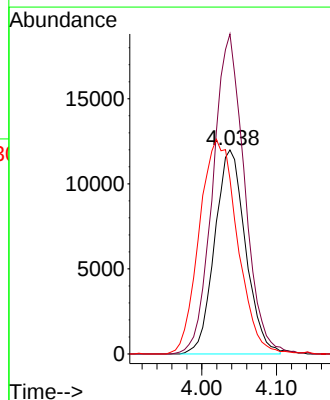
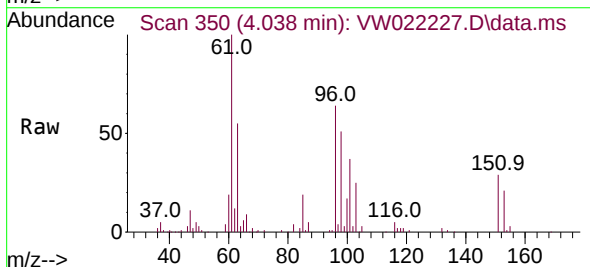
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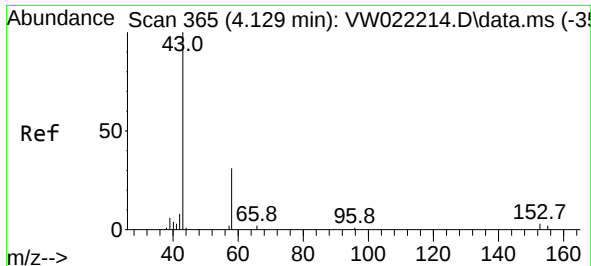
Tgt Ion:101 Resp: 42739
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.4 51.6
 151 76.8 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 27.397 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022227.D
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Tgt Ion: 96 Resp: 34427
 Ion Ratio Lower Upper
 96 100
 61 156.9 108.4 201.2
 63 85.8 72.0 133.6

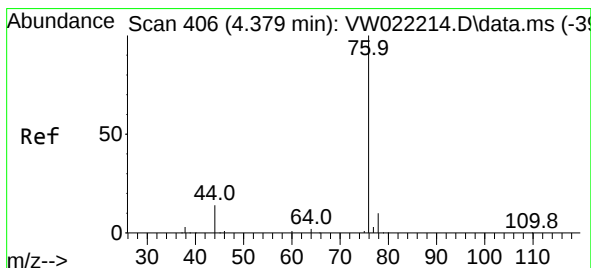
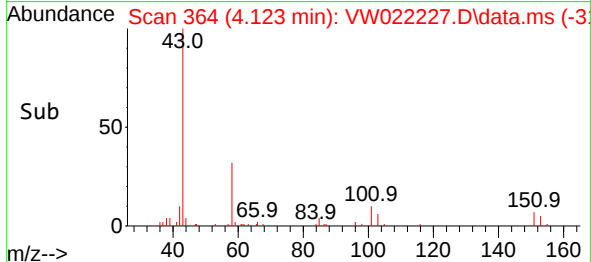
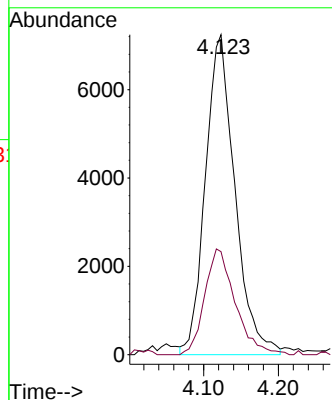
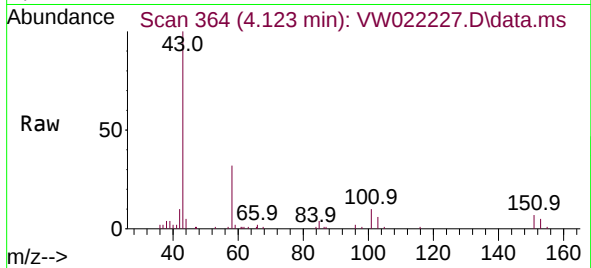




#13
Acetone
Concen: 91.097 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW022227.D
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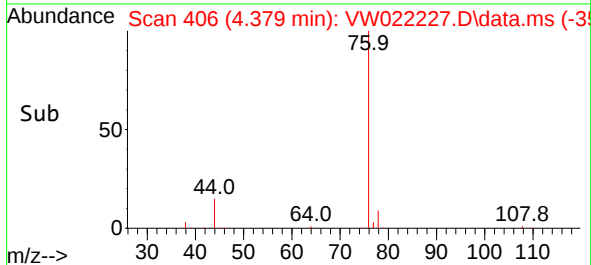
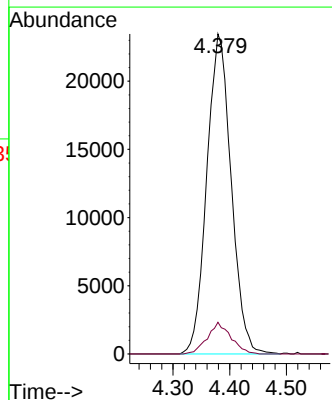
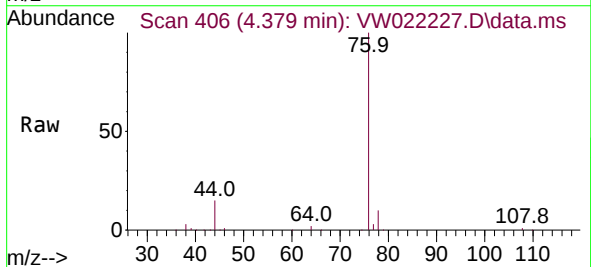
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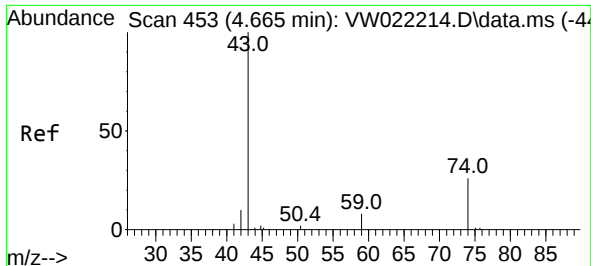
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Ion Ratio Lower Upper
43 100
58 34.3 0.0 69.2



#14
Carbon disulfide
Concen: 21.492 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW022227.D
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Tgt Ion: 76 Resp: 70019
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8

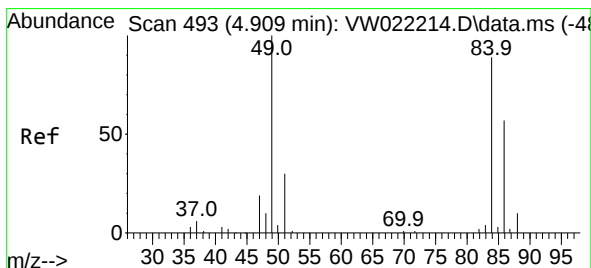
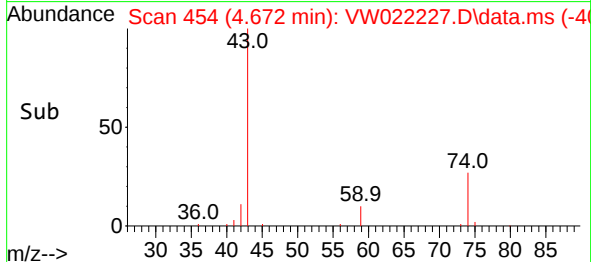
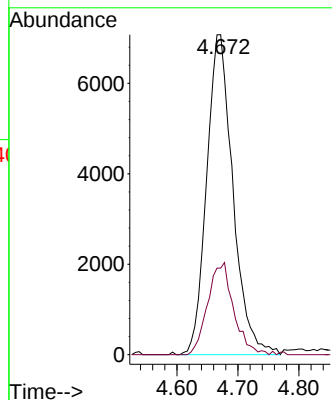
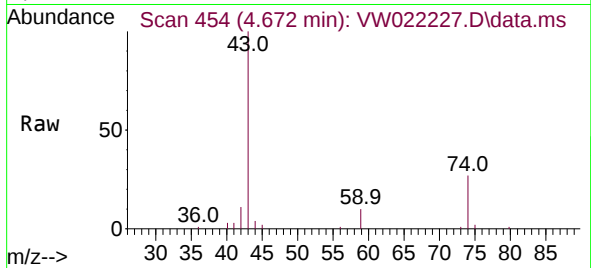




#15
Methyl Acetate
Concen: 43.172 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

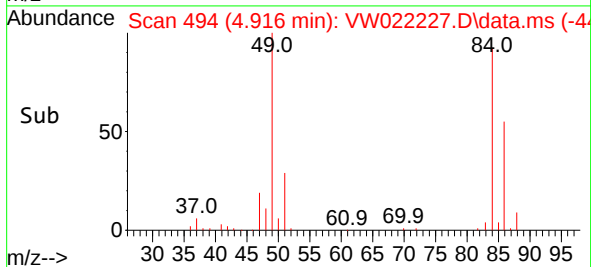
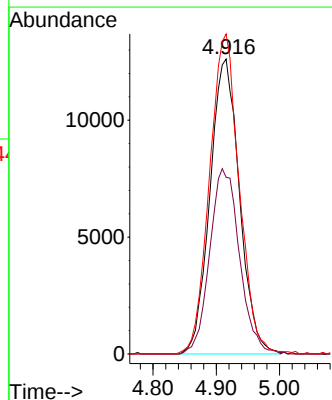
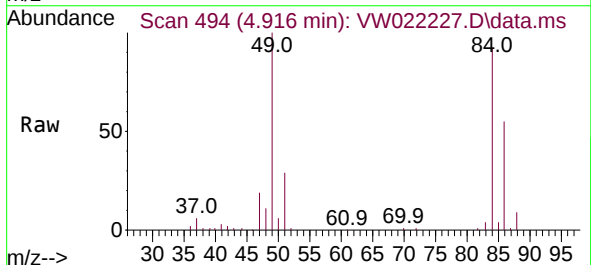
Instrument :
MSVOA_W
ClientSampleId :

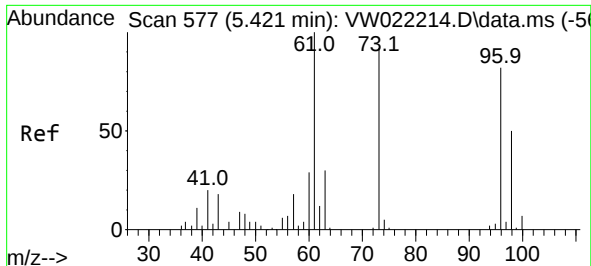
Tgt Ion: 43 Resp: 21177
Ion Ratio Lower Upper
43 100
74 28.0 23.0 34.6



#16
Methylene chloride
Concen: 27.416 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

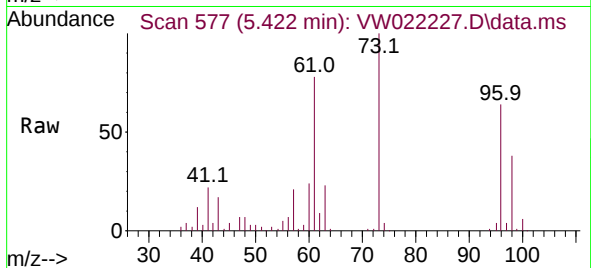
Tgt Ion: 84 Resp: 40937
Ion Ratio Lower Upper
84 100
86 59.9 45.8 85.0
49 108.5 73.8 137.0





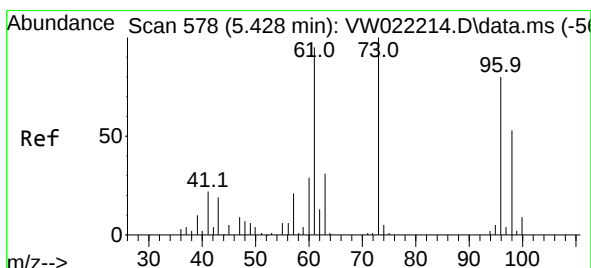
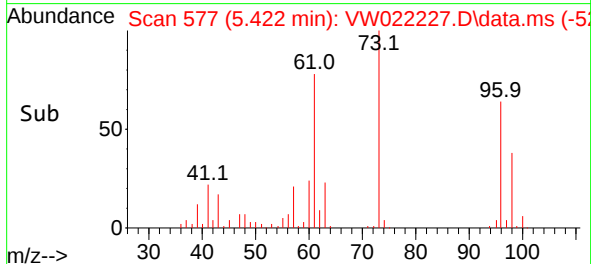
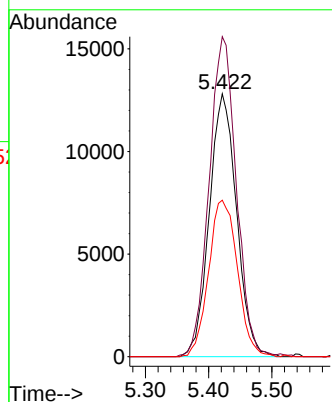
#17
trans-1,2-Dichloroethene
Concen: 27.808 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 38381

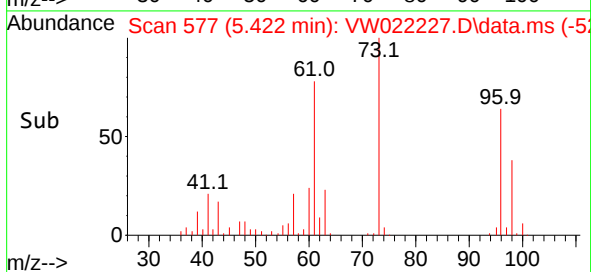
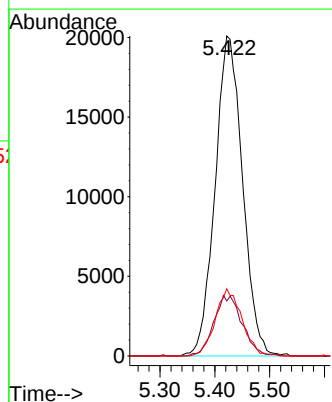
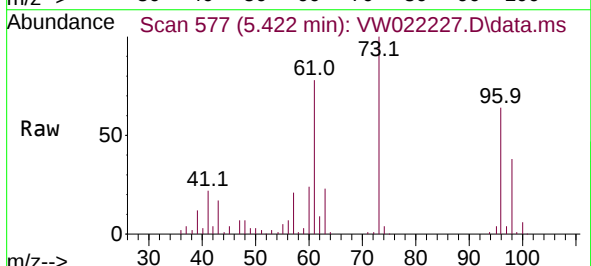
Ion	Ratio	Lower	Upper
96	100		
61	121.7	87.3	162.1
98	59.5	43.2	80.2

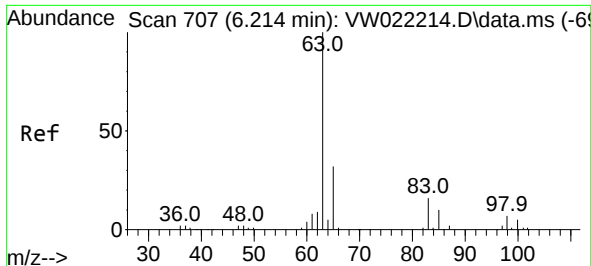


#18
Methyl tert-butyl Ether
Concen: 37.217 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion: 73 Resp: 69886

Ion	Ratio	Lower	Upper
73	100		
43	9.7	15.4	23.2#
57	20.1	16.5	24.7





#19

1,1-Dichloroethane

Concen: 31.020 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

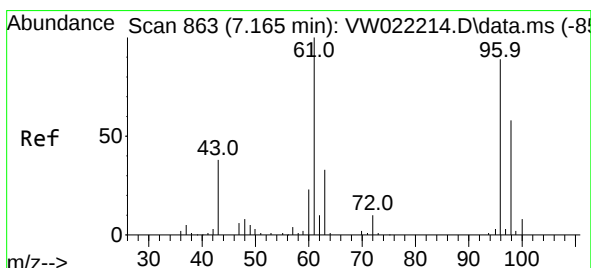
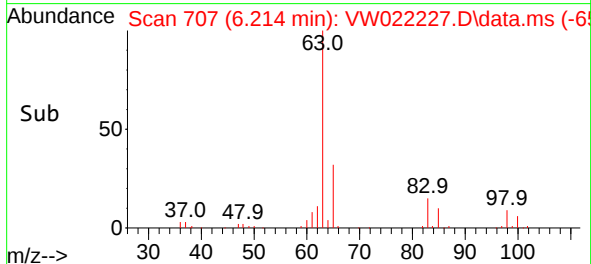
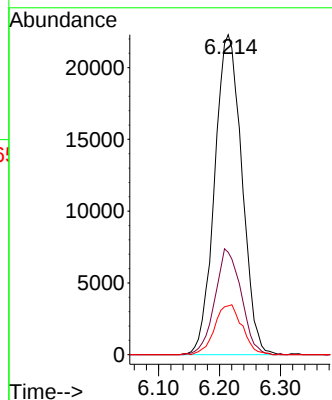
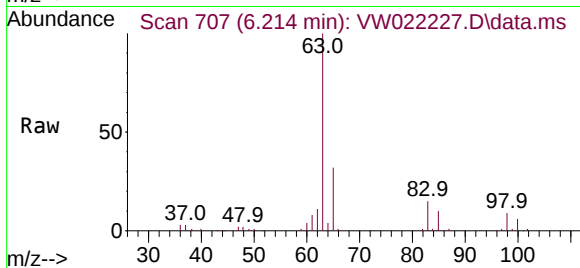
Tgt Ion: 63 Resp: 69314

Ion Ratio Lower Upper

63 100

65 32.0 22.5 41.9

83 15.3 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 32.360 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

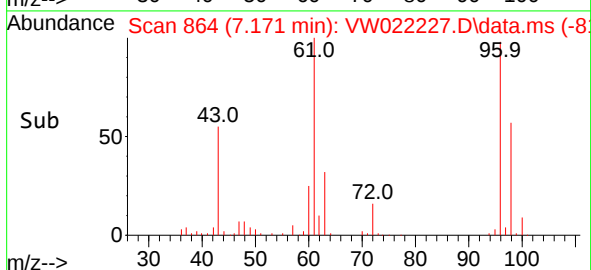
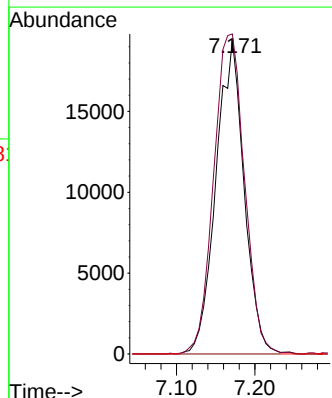
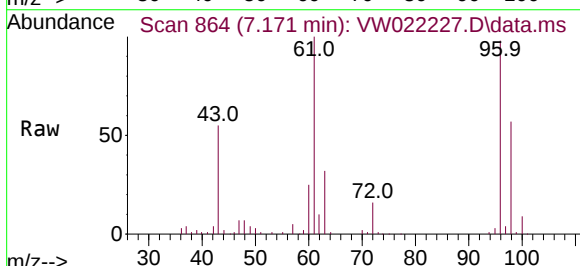
Tgt Ion: 96 Resp: 48384

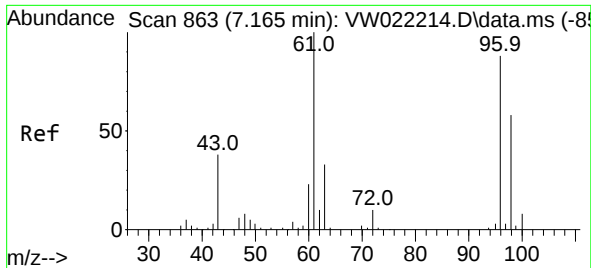
Ion Ratio Lower Upper

96 100

61 101.6 76.8 142.6

68 0.0 0.0 0.0

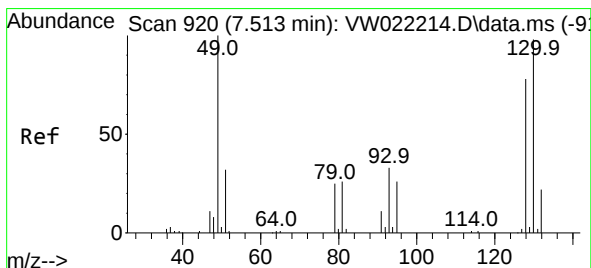
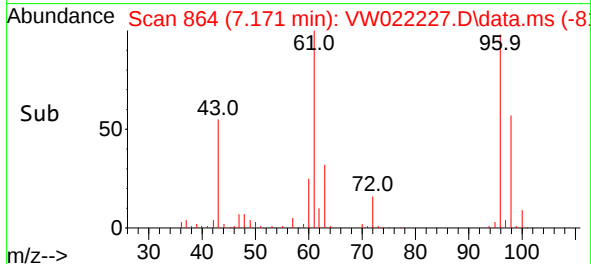
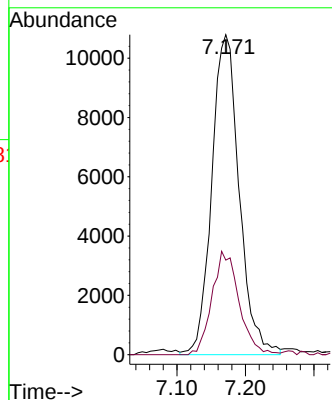
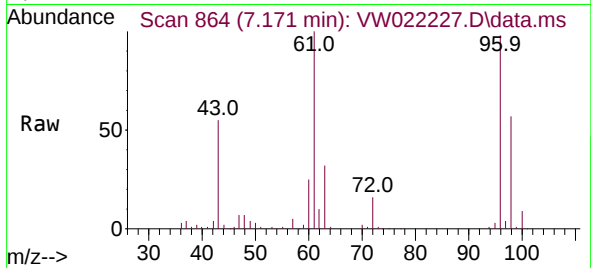




#22
2-Butanone
Concen: 95.791 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

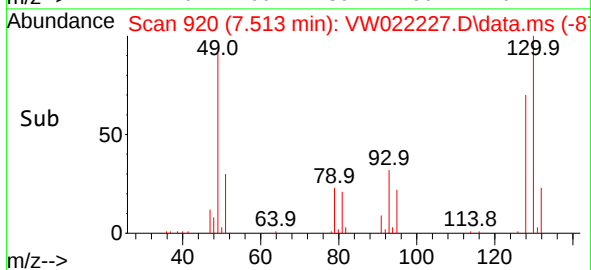
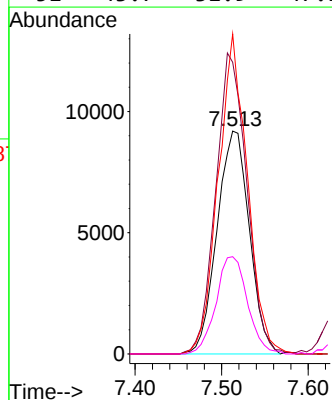
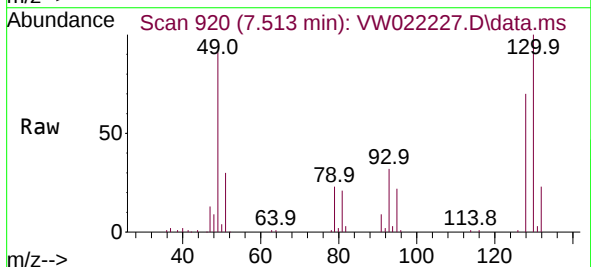
Instrument :
MSVOA_W
ClientSampleId :

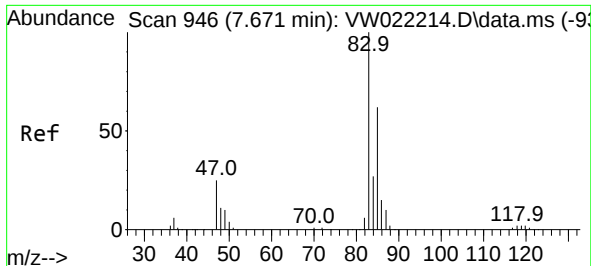
Tgt Ion: 43 Resp: 29982
Ion Ratio Lower Upper
43 100
72 31.8 17.0 51.0



#23
Bromochloromethane
Concen: 32.609 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion: 128 Resp: 23817
Ion Ratio Lower Upper
128 100
49 130.9 84.2 156.4
130 143.6 84.8 157.4
51 43.7 31.9 47.9

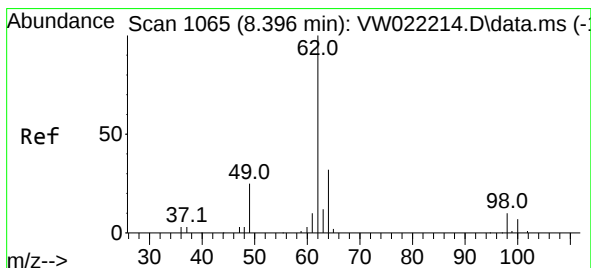
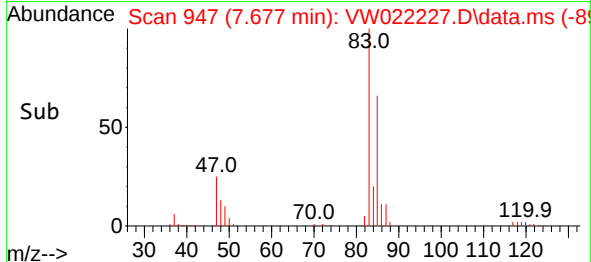
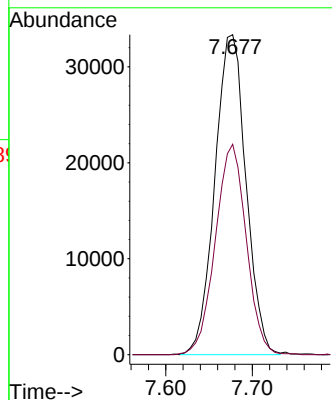
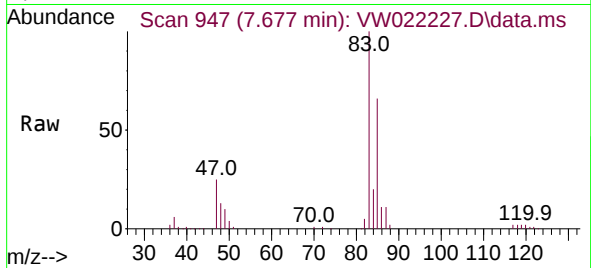




#25
Chloroform
Concen: 31.936 ug/L
RT: 7.677 min Scan# 946
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

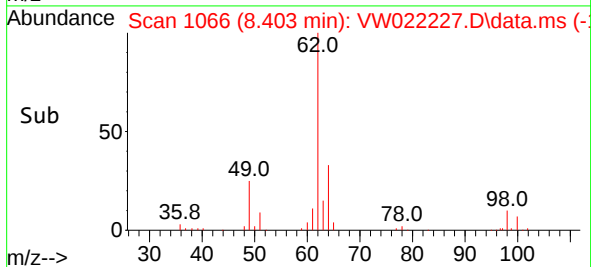
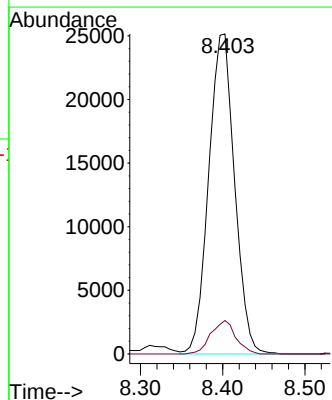
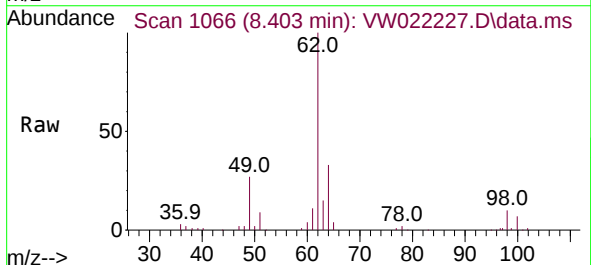
Instrument :
MSVOA_W
ClientSampleId :

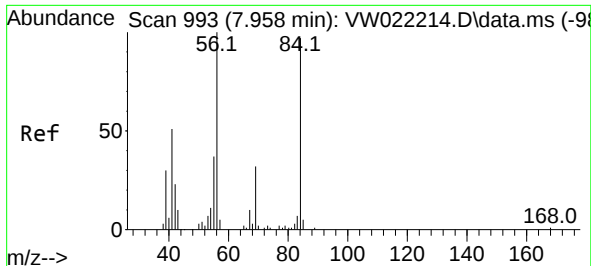
Tgt Ion: 83 Resp: 83264
Ion Ratio Lower Upper
83 100
85 65.8 45.1 83.9



#27
1,2-Dichloroethane
Concen: 34.268 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion: 62 Resp: 55030
Ion Ratio Lower Upper
62 100
98 10.4 7.9 11.9





#29

Cyclohexane

Concen: 26.615 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

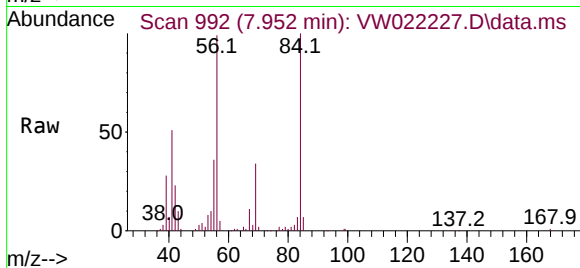
Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :



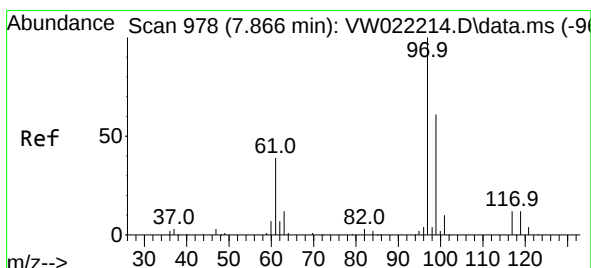
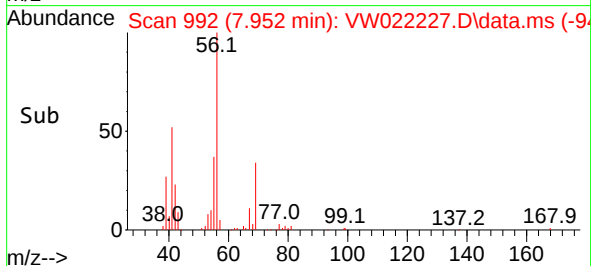
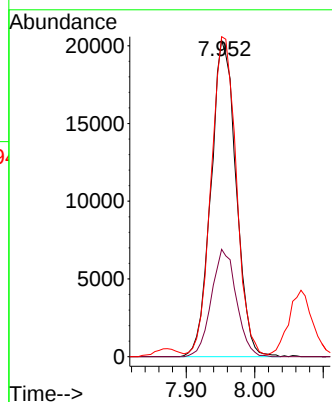
Tgt Ion: 56 Resp: 51700

Ion Ratio Lower Upper

56 100

69 33.6 26.3 39.5

84 101.8 81.4 122.2



#30

1,1,1-Trichloroethane

Concen: 28.781 ug/L

RT: 7.866 min Scan# 978

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

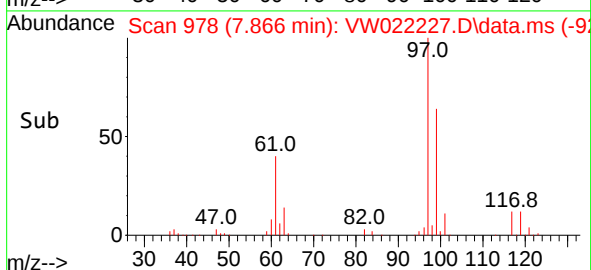
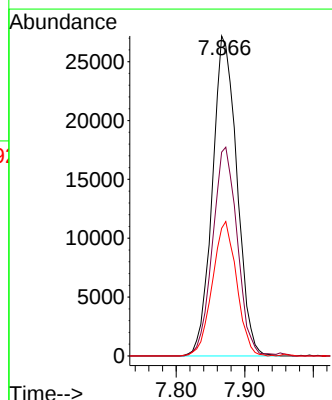
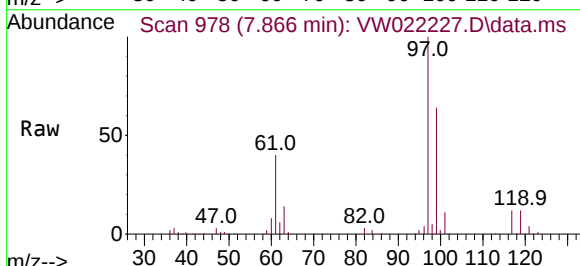
Tgt Ion: 97 Resp: 67590

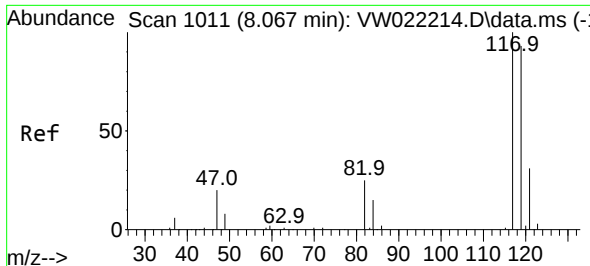
Ion Ratio Lower Upper

97 100

99 65.5 52.6 78.8

61 41.5 33.0 49.6

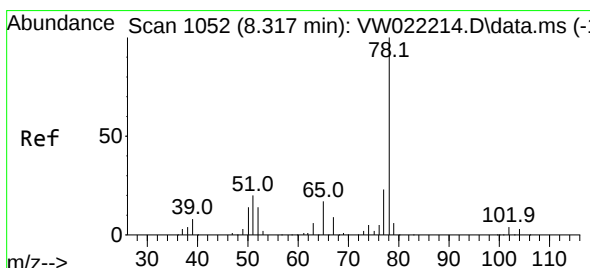
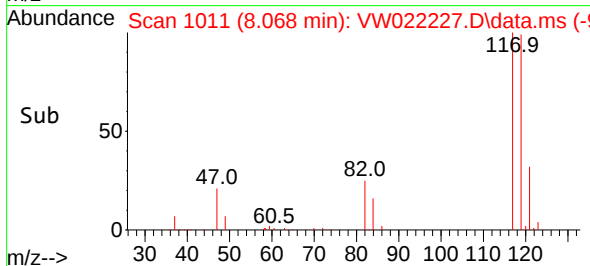
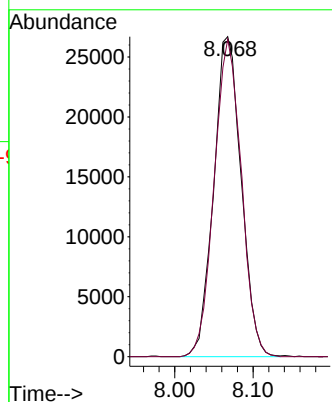
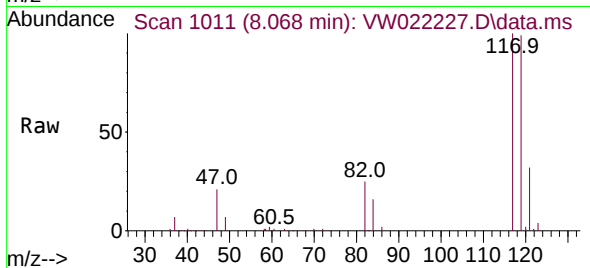




#31
Carbon tetrachloride
Concen: 29.191 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

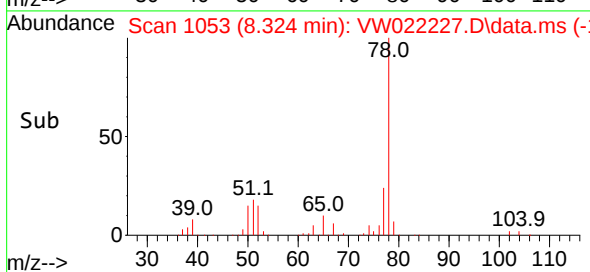
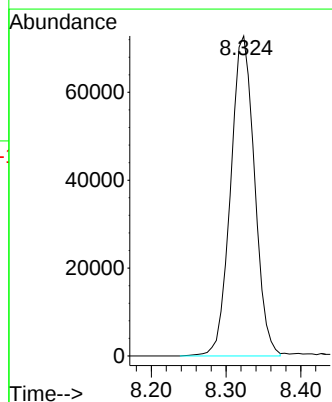
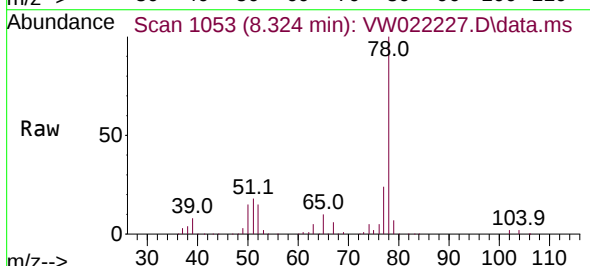
Instrument :
MSVOA_W
ClientSampleId :

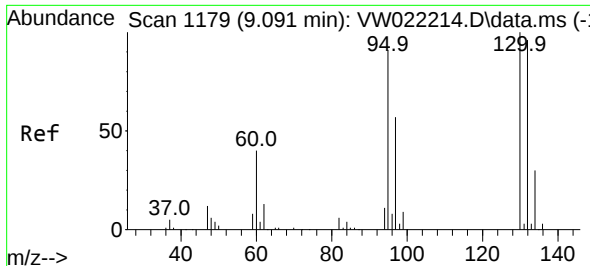
Tgt Ion:117 Resp: 65152
Ion Ratio Lower Upper
117 100
119 98.0 76.7 115.1



#33
Benzene
Concen: 28.740 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion: 78 Resp: 162191

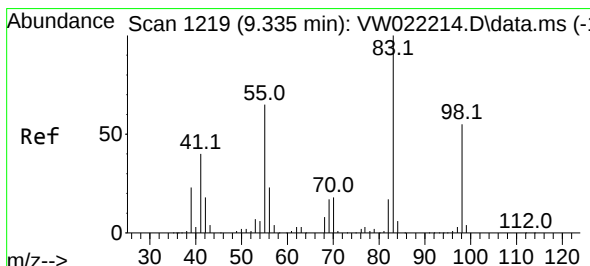
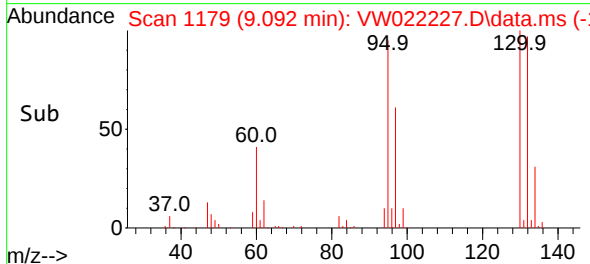
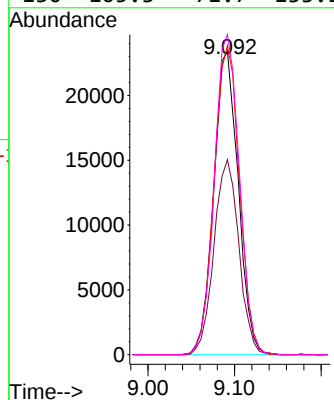
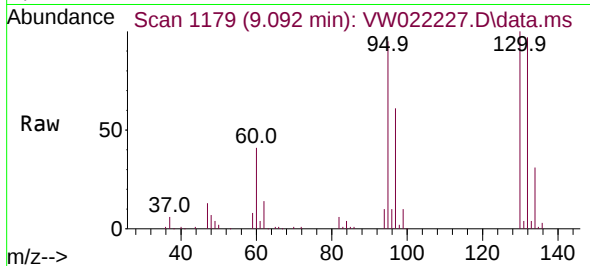




#34
Trichloroethene
Concen: 28.452 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

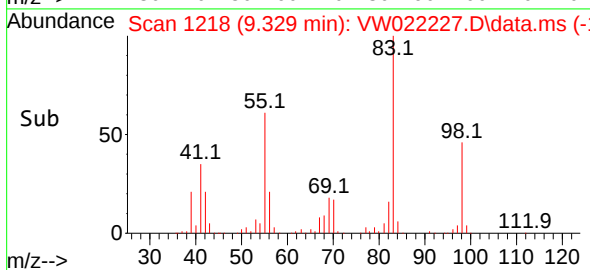
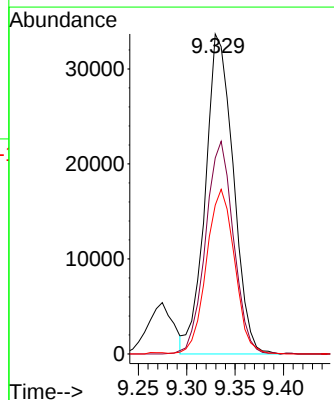
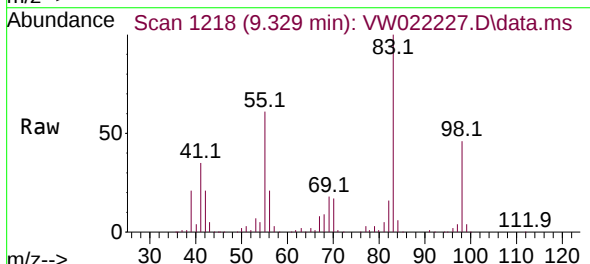
Instrument :
MSVOA_W
ClientSampleId :

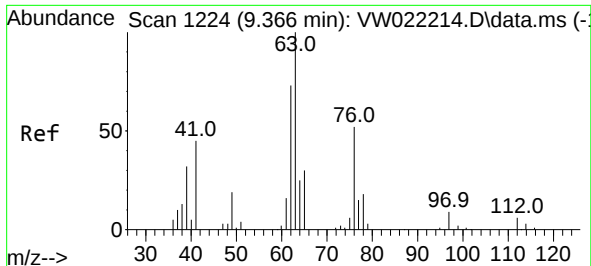
Tgt Ion: 95 Resp: 45974
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 101.7 71.7 133.1
130 105.3 71.7 133.1



#35
Methylcyclohexane
Concen: 27.060 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion: 83 Resp: 67630
Ion Ratio Lower Upper
83 100
55 66.4 53.8 80.8
98 52.1 42.1 63.1





#37

1,2-Dichloropropane

Concen: 31.346 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Instrument :

MSVOA_W

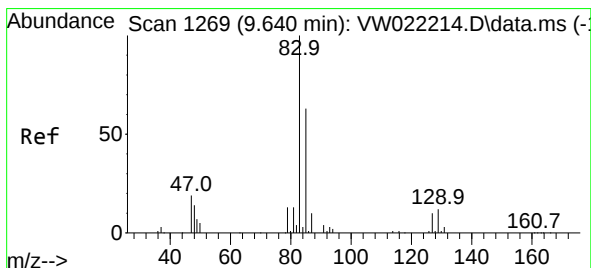
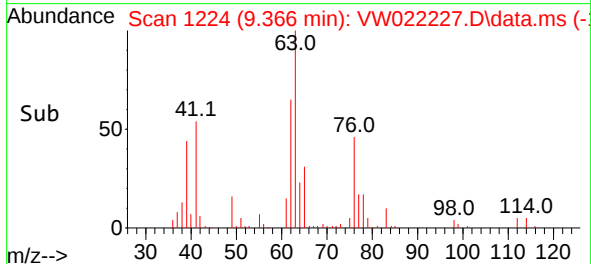
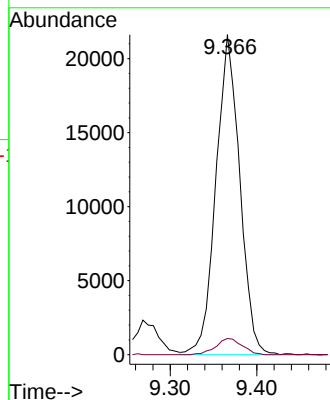
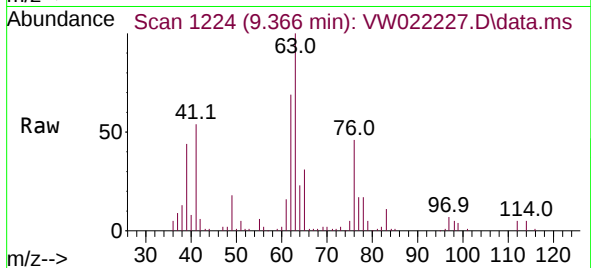
ClientSampleId :

Tgt Ion: 63 Resp: 41269

Ion Ratio Lower Upper

63 100

112 5.6 4.1 6.1



#38

Bromodichloromethane

Concen: 32.874 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

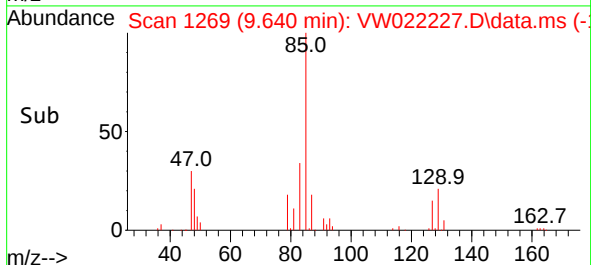
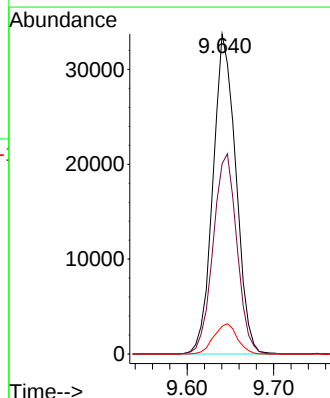
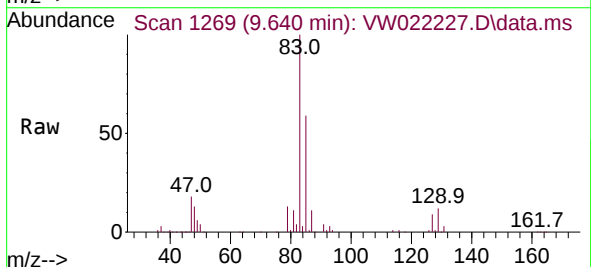
Tgt Ion: 83 Resp: 62067

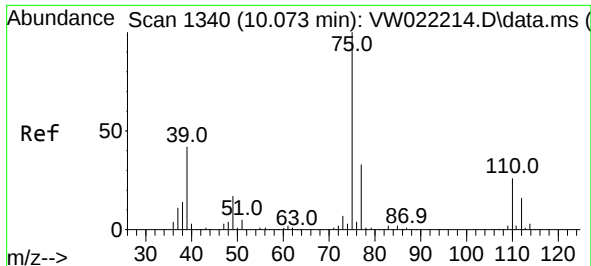
Ion Ratio Lower Upper

83 100

85 59.5 47.9 89.1

127 8.7 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 33.601 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Instrument :

MSVOA_W

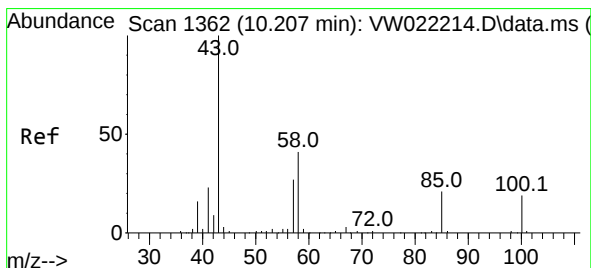
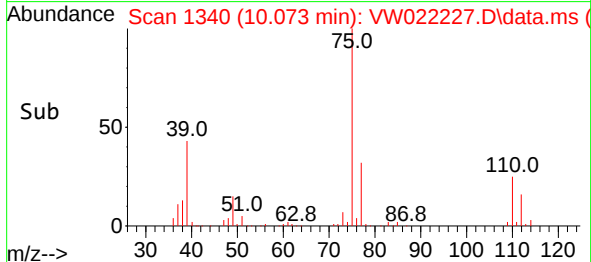
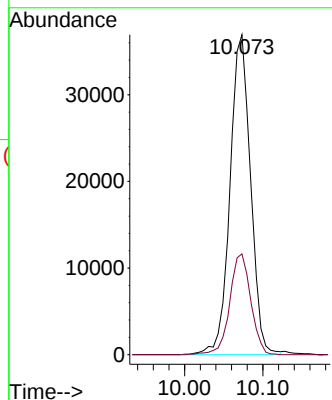
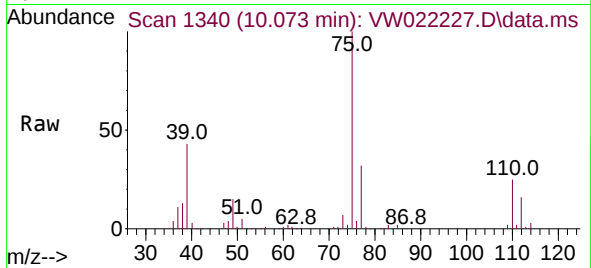
ClientSampleId :

Tgt Ion: 75 Resp: 67243

Ion Ratio Lower Upper

75 100

77 31.5 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 92.296 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

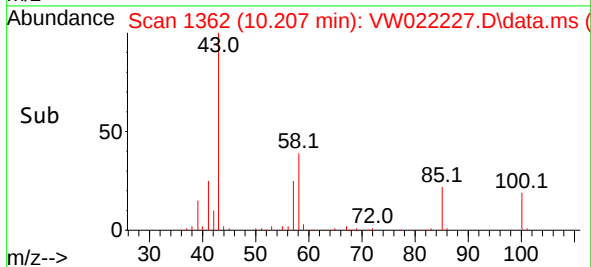
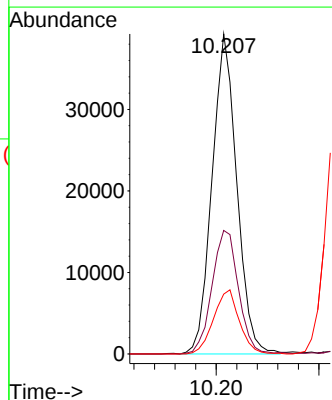
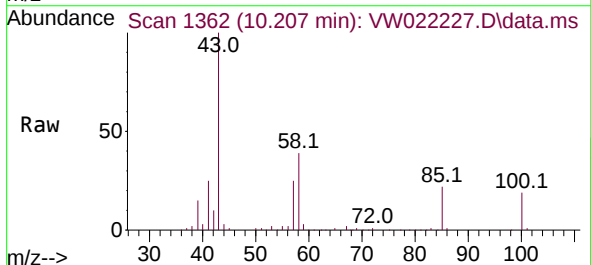
Tgt Ion: 43 Resp: 65621

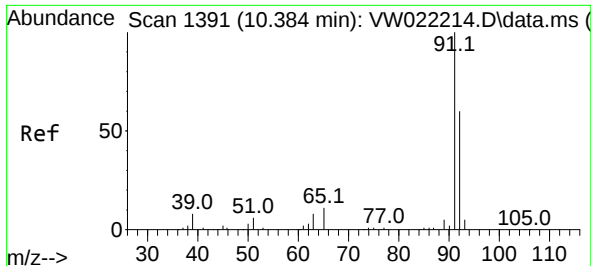
Ion Ratio Lower Upper

43 100

58 41.0 33.2 49.8

100 20.8 16.1 24.1

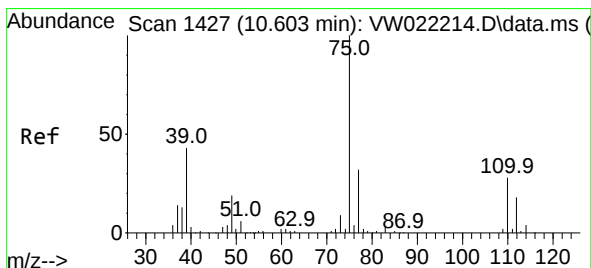
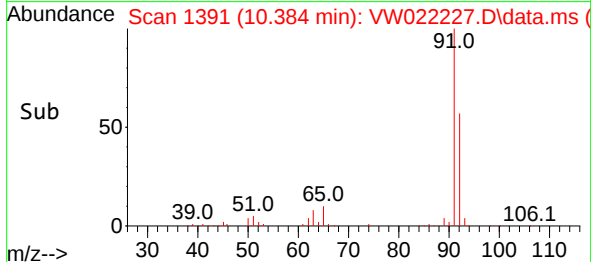
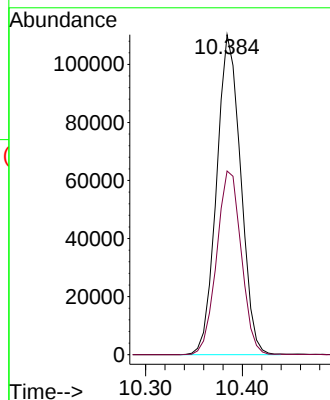
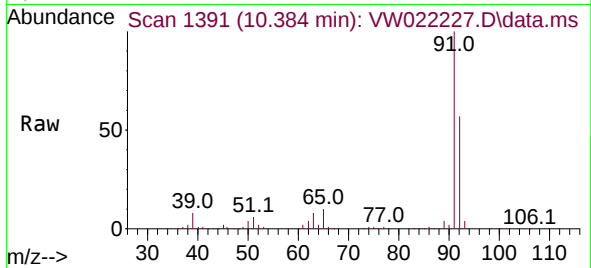




#42
Toluene
Concen: 29.809 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

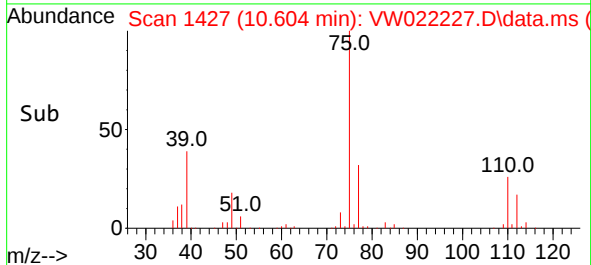
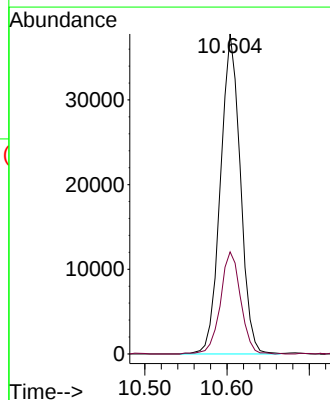
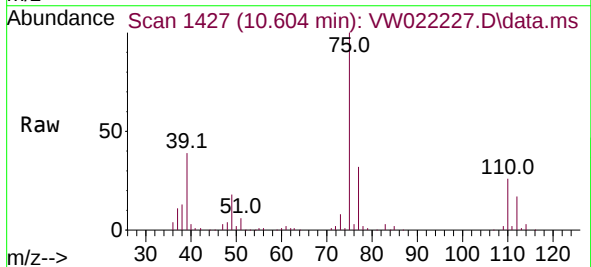
Instrument :
MSVOA_W
ClientSampleId :

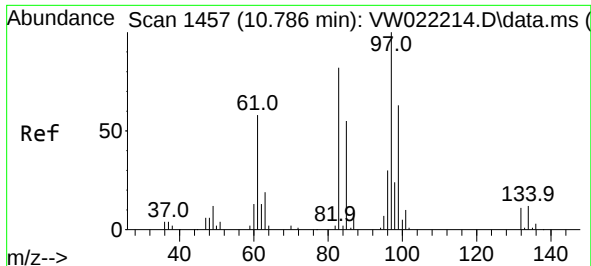
Tgt Ion: 91 Resp: 190398
Ion Ratio Lower Upper
91 100
92 57.4 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 35.315 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion: 75 Resp: 63509
Ion Ratio Lower Upper
75 100
77 31.9 22.0 40.8

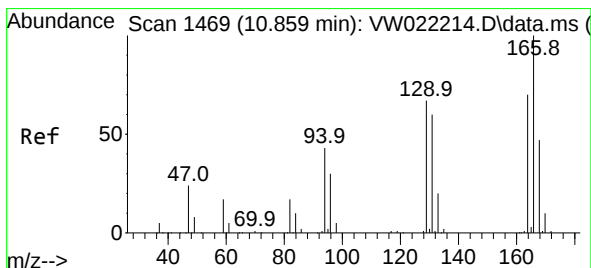
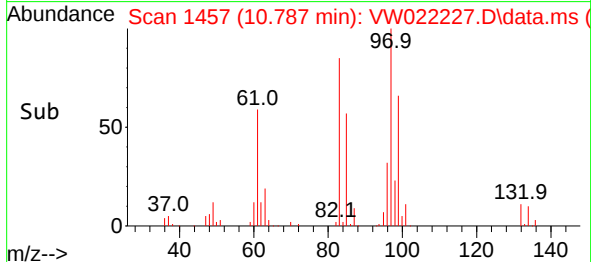
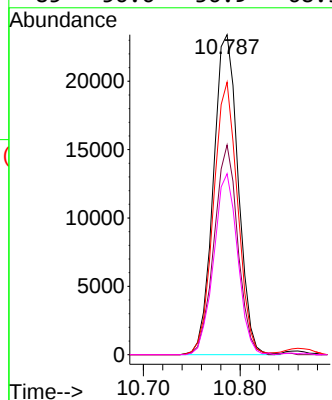
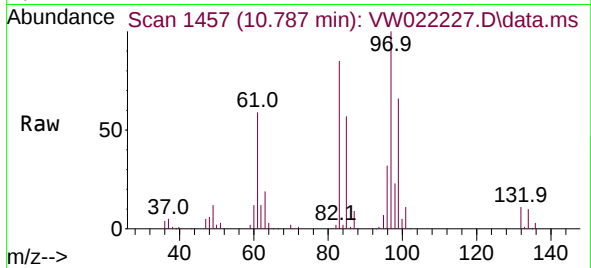




#45
1,1,2-Trichloroethane
Concen: 35.666 ug/L
RT: 10.787 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

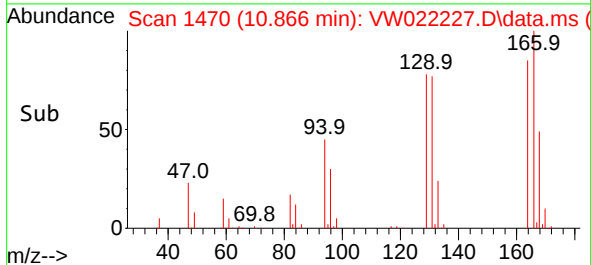
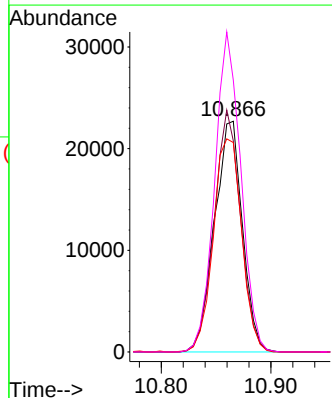
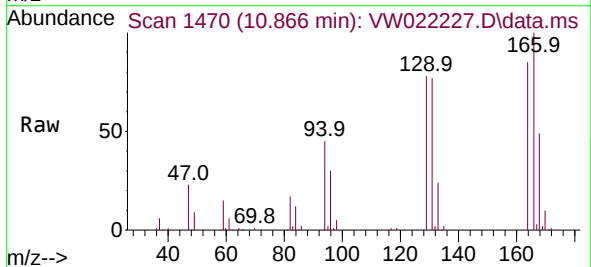
Instrument :
MSVOA_W
ClientSampleId :

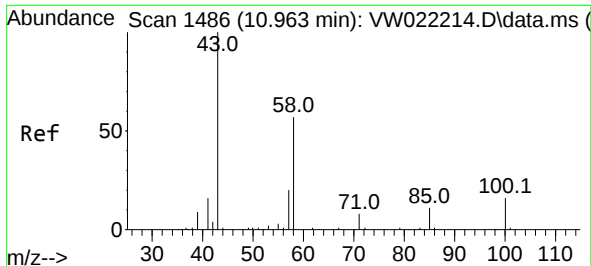
Tgt Ion: 97	Resp: 41638
Ion Ratio	Lower Upper
97 100	
99 65.6	43.5 80.7
83 85.2	53.5 99.3
85 56.6	36.9 68.5



#46
Tetrachloroethene
Concen: 28.537 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt	Ion:164	Resp:	40393
Ion	Ratio	Lower	Upper
164	100		
129	91.4	60.3	111.9
131	90.8	59.9	111.3
166	117.7	77.0	143.0

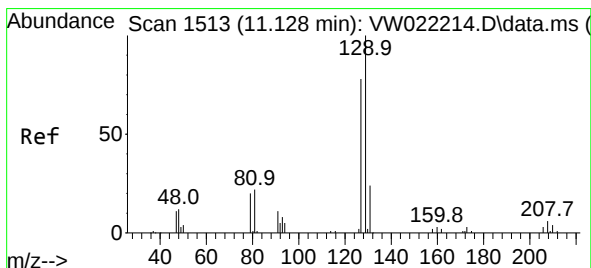
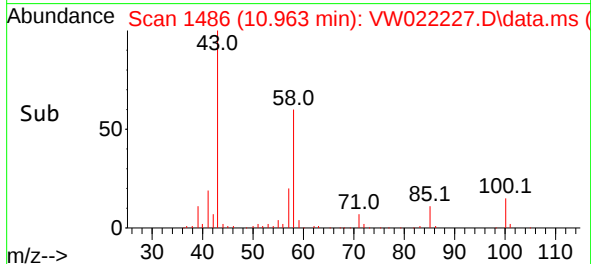
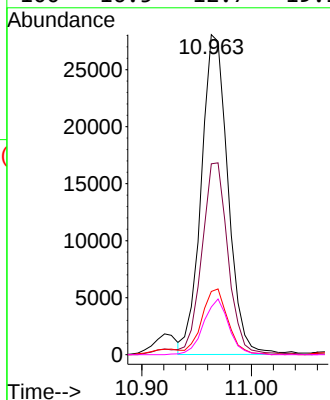
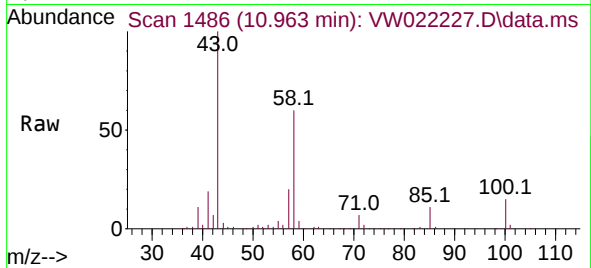




#48
2-Hexanone
Concen: 96.262 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

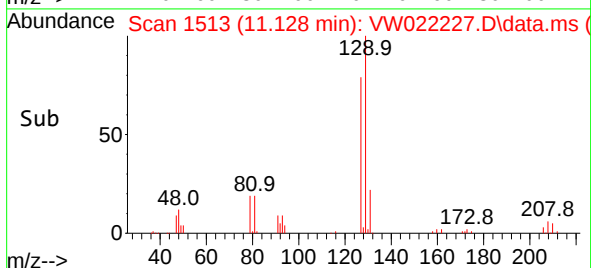
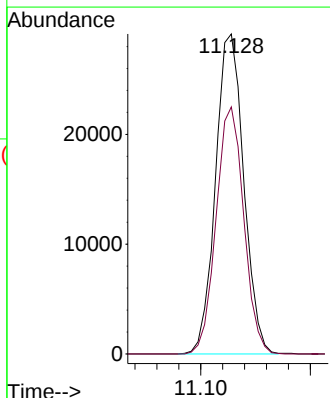
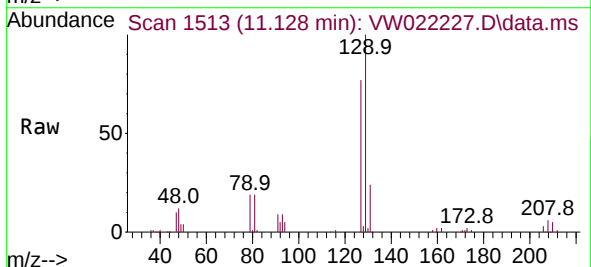
Instrument :
MSVOA_W
ClientSampleId :

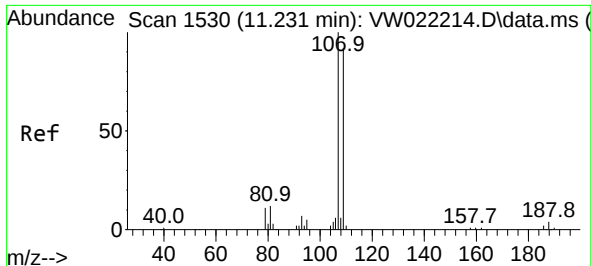
Tgt Ion:	43	Resp:	47502
Ion	Ratio	Lower	Upper
43	100		
58	58.9	44.6	66.8
57	19.9	15.8	23.8
100	16.5	12.7	19.1



#49
Dibromochloromethane
Concen: 36.753 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion:	129	Resp:	52119
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.5	101.1





#50

1,2-Dibromoethane

Concen: 37.397 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

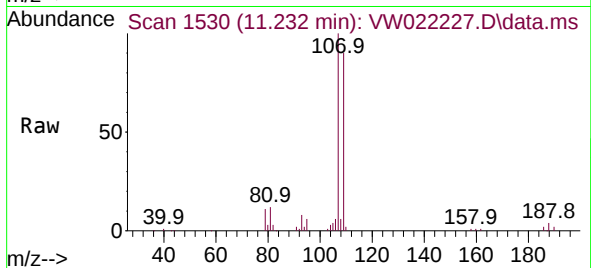
Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :



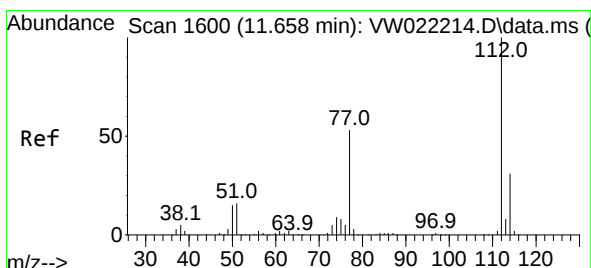
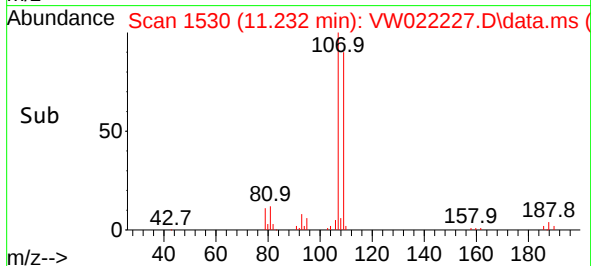
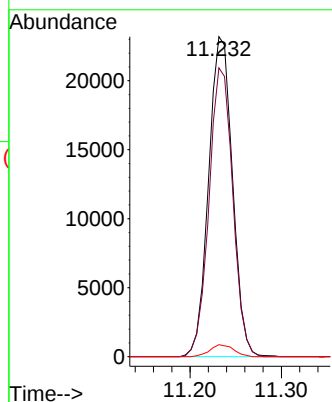
Tgt Ion:107 Resp: 42111

Ion Ratio Lower Upper

107 100

109 90.2 66.8 124.2

188 3.7 2.6 4.0



#51

Chlorobenzene

Concen: 30.183 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

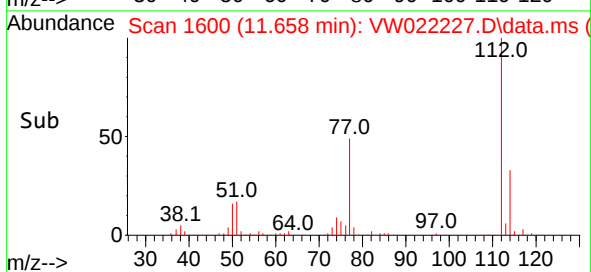
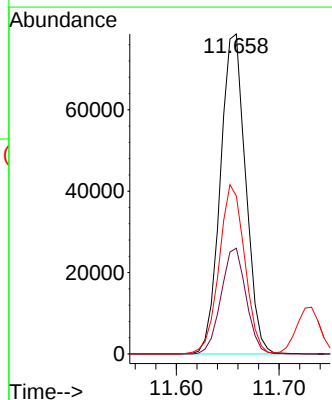
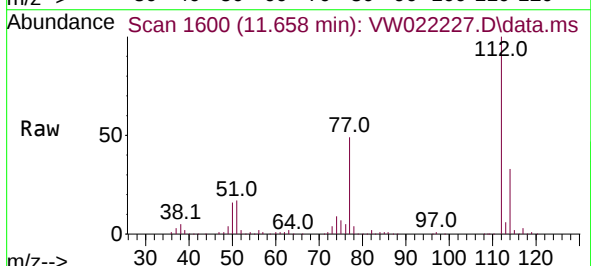
Tgt Ion:112 Resp: 134168

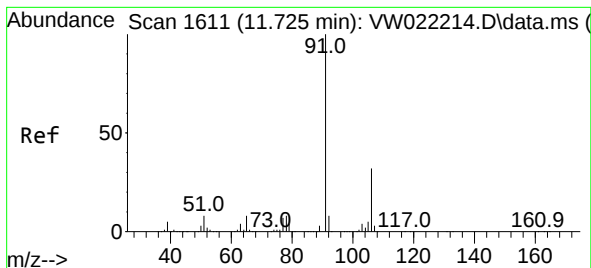
Ion Ratio Lower Upper

112 100

114 33.0 23.0 42.8

77 49.4 41.8 62.6

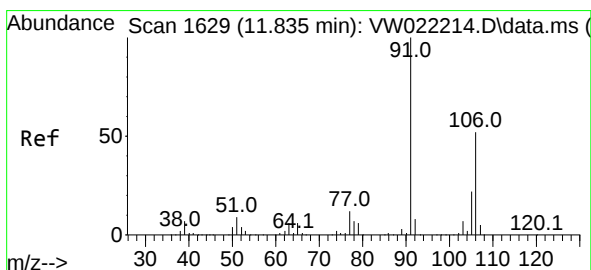
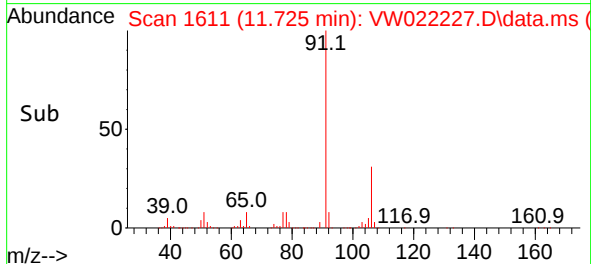
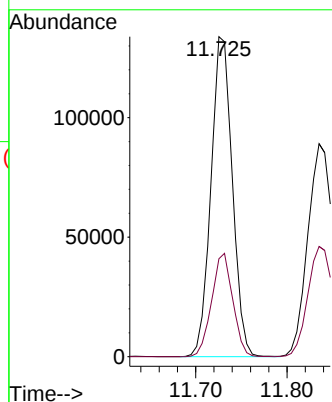
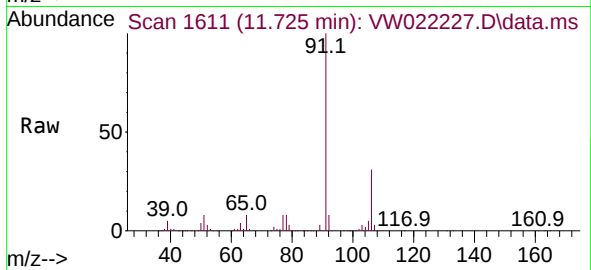




#52
Ethylbenzene
Concen: 30.724 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

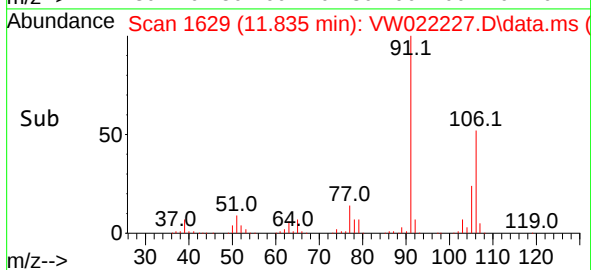
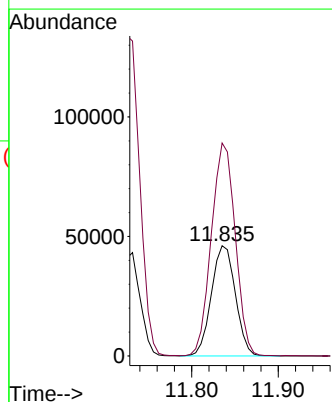
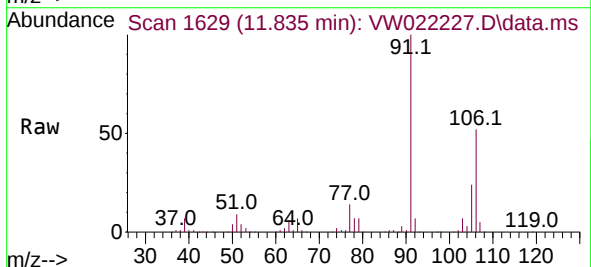
Instrument :
MSVOA_W
ClientSampleId :

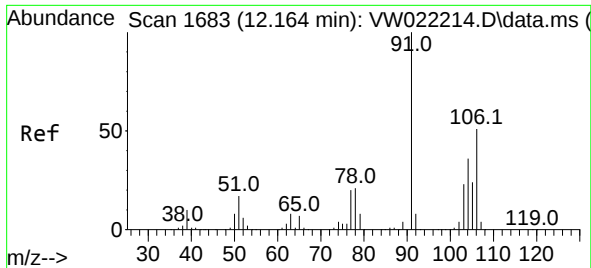
Tgt Ion: 91 Resp: 217185
Ion Ratio Lower Upper
91 100
106 30.6 22.8 42.4



#53
m,p-Xylene
Concen: 30.488 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion:106 Resp: 88680
Ion Ratio Lower Upper
106 100
91 193.1 135.0 250.8

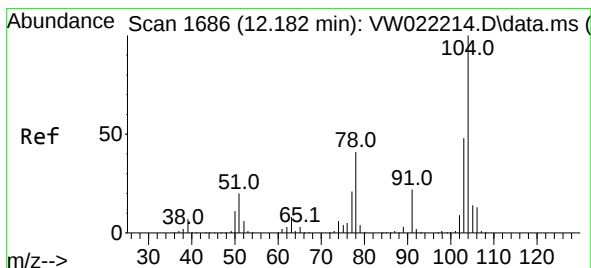
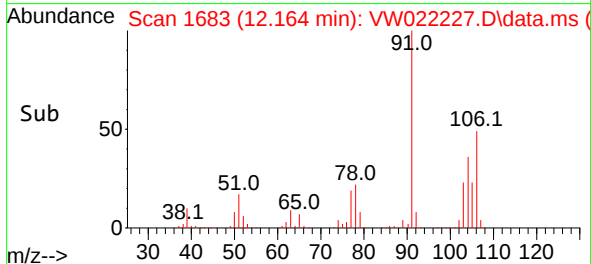
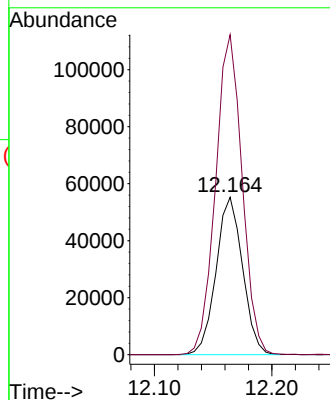
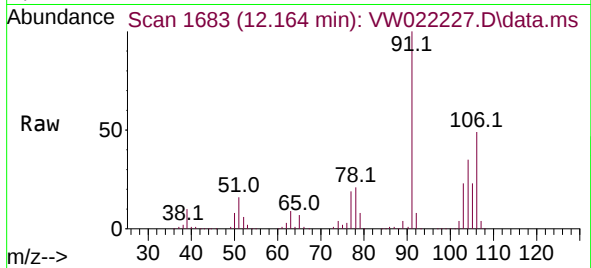




#54
o-Xylene
Concen: 31.608 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

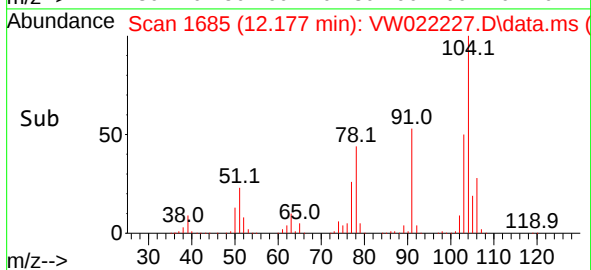
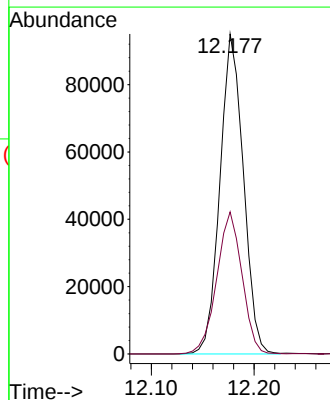
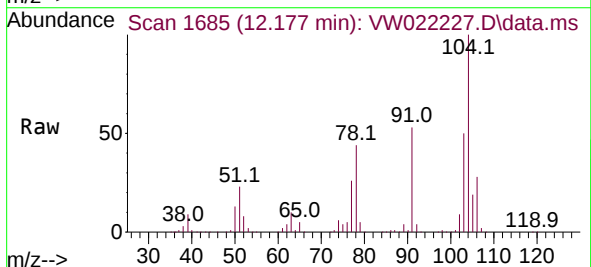
Instrument :
MSVOA_W
ClientSampleId :

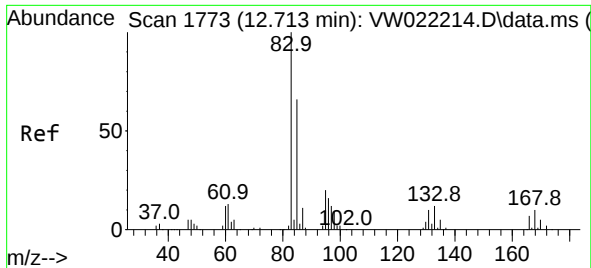
Tgt Ion:106 Resp: 86505
Ion Ratio Lower Upper
106 100
91 203.3 136.9 254.3



#55
Styrene
Concen: 32.798 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion:104 Resp: 150481
Ion Ratio Lower Upper
104 100
78 44.4 27.8 51.6

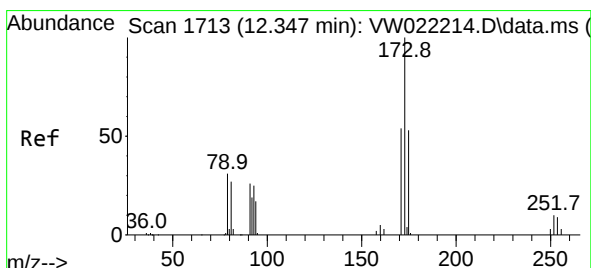
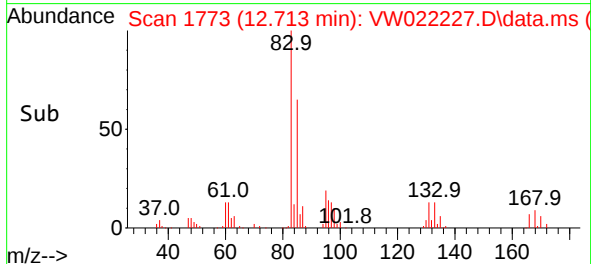
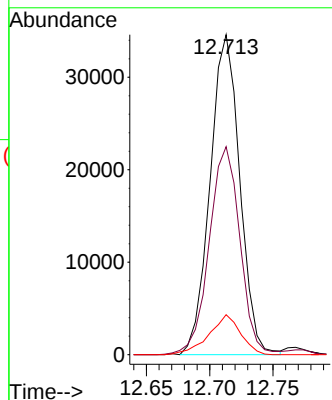
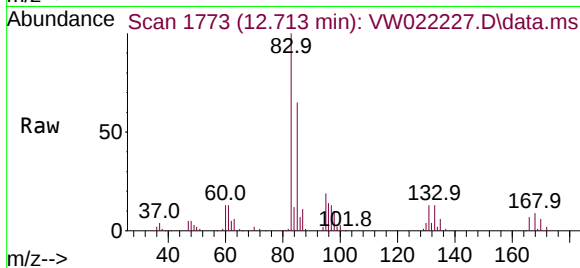




#57
1,1,2,2-Tetrachloroethane
Concen: 41.744 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

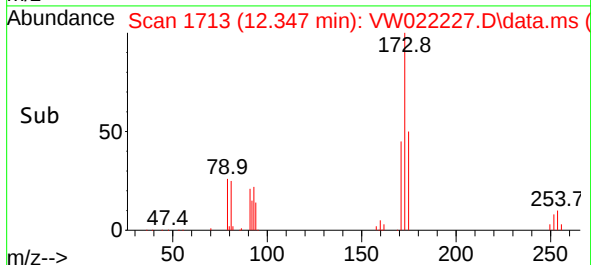
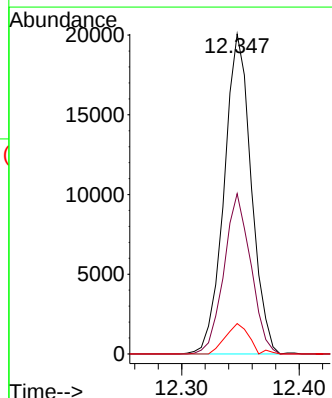
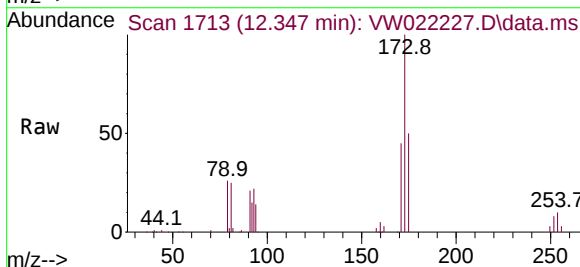
Instrument :
MSVOA_W
ClientSampleId :

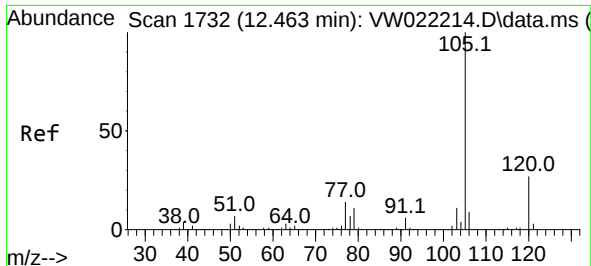
Tgt Ion: 83 Resp: 56545
Ion Ratio Lower Upper
83 100
85 65.0 44.2 82.0
131 12.5 9.4 14.0



#59
Bromoform
Concen: 34.166 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion:173 Resp: 32147
Ion Ratio Lower Upper
173 100
175 49.5 38.2 57.4
254 8.0 5.0 7.6#

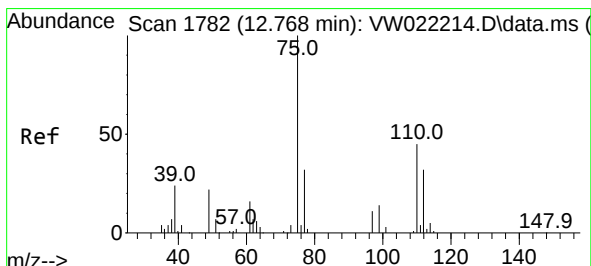
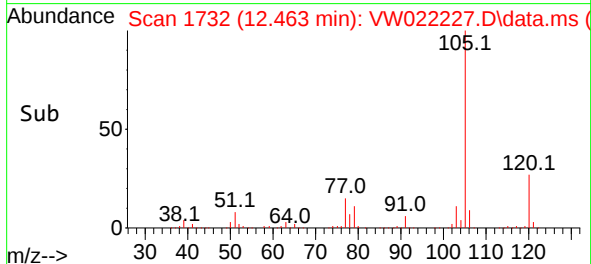
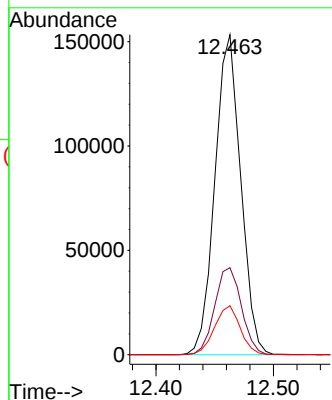
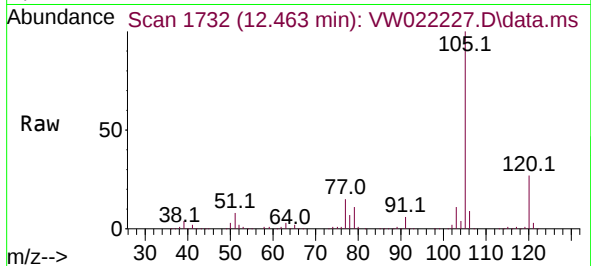




#60
Isopropylbenzene
Concen: 27.390 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

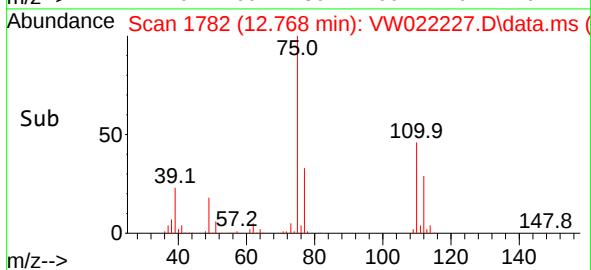
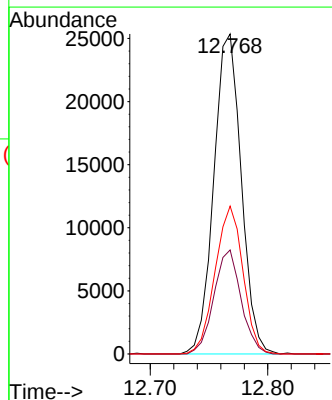
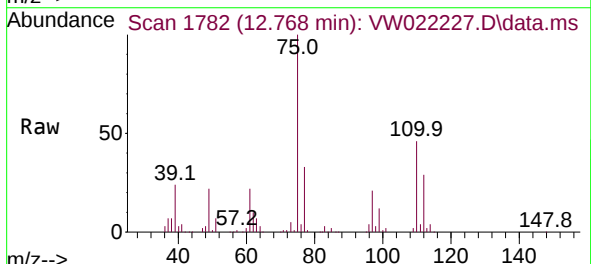
Instrument :
MSVOA_W
ClientSampleId :

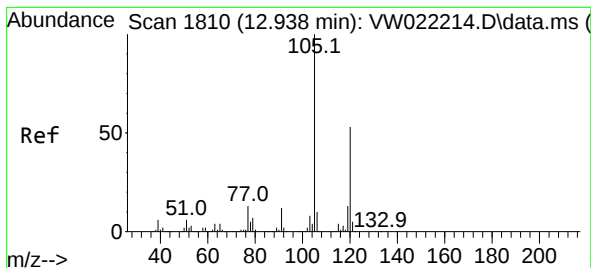
Tgt Ion:105 Resp: 233942
Ion Ratio Lower Upper
105 100
120 28.2 22.1 33.1
77 15.3 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 36.653 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Tgt Ion: 75 Resp: 41160
Ion Ratio Lower Upper
75 100
77 32.1 27.1 40.7
110 46.8 36.7 55.1

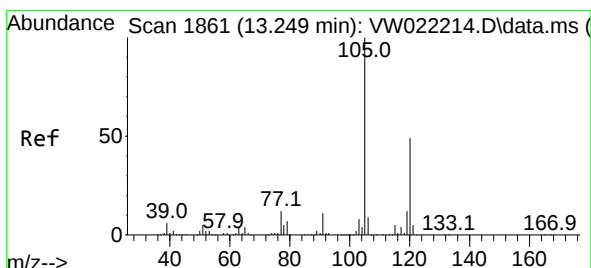
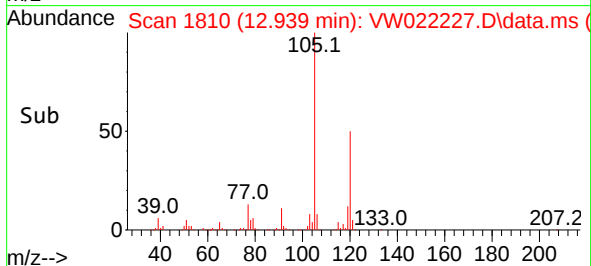
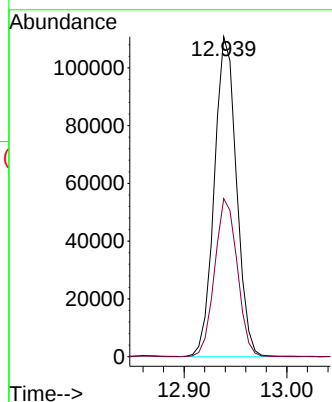
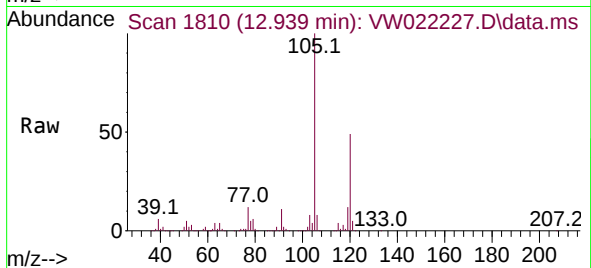




#62
 1,3,5-Trimethylbenzene
 Concen: 29.238 ug/L
 RT: 12.939 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

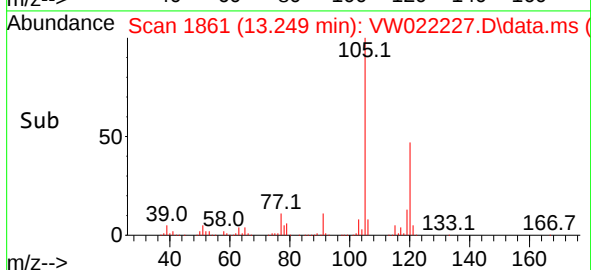
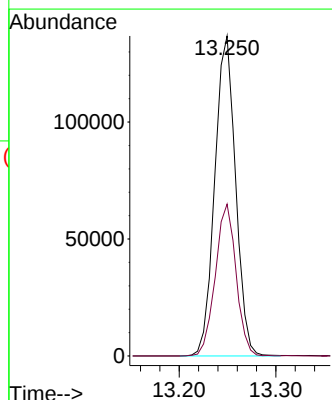
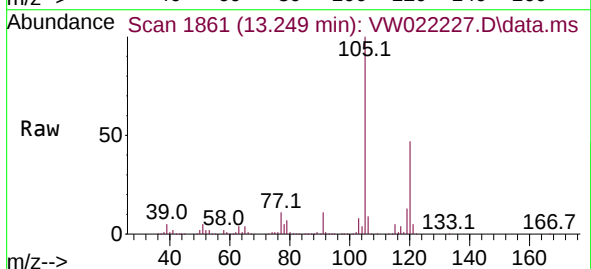
Instrument :
 MSVOA_W
 ClientSampleId :

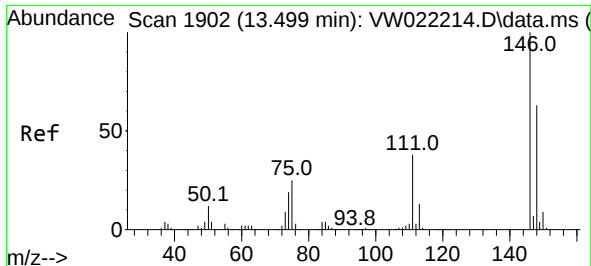
Tgt Ion:105 Resp: 166054
 Ion Ratio Lower Upper
 105 100
 120 50.4 41.5 62.3



#63
 1,2,4-Trimethylbenzene
 Concen: 29.395 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

Tgt Ion:105 Resp: 204029
 Ion Ratio Lower Upper
 105 100
 120 47.2 39.2 58.8

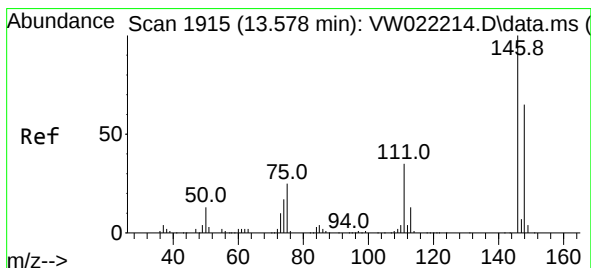
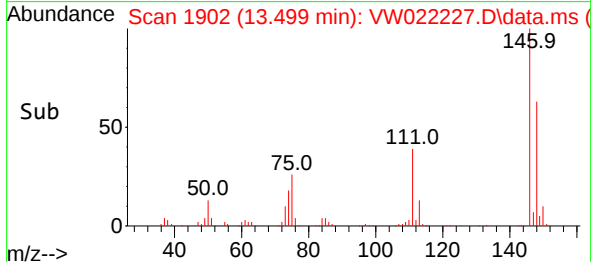
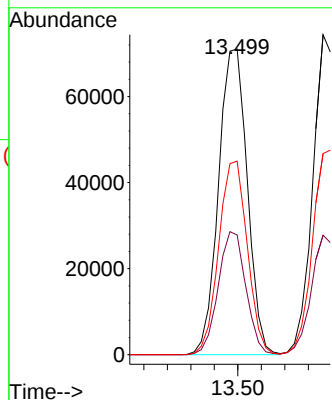
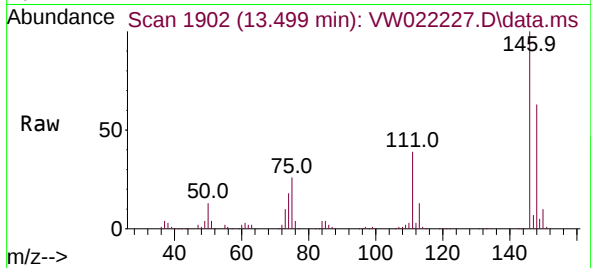




#64
 1,3-Dichlorobenzene
 Concen: 28.526 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

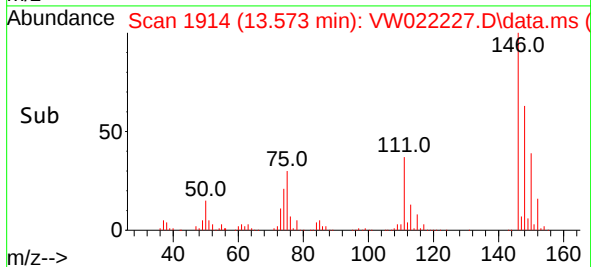
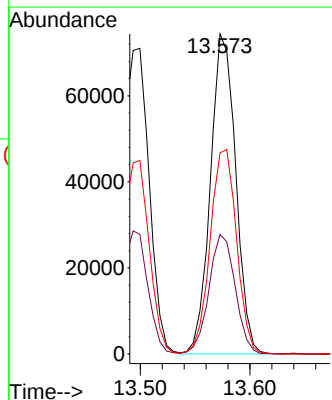
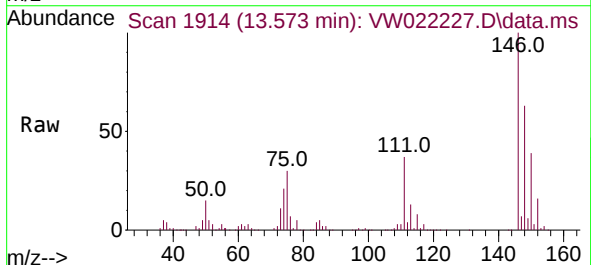
Instrument :
 MSVOA_W
 ClientSampleId :

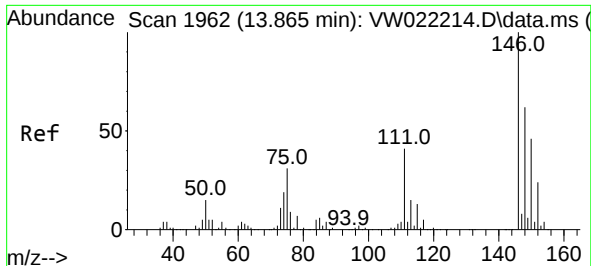
Tgt Ion:146 Resp: 120863
 Ion Ratio Lower Upper
 146 100
 111 39.2 26.9 49.9
 148 63.4 41.6 77.2



#65
 1,4-Dichlorobenzene
 Concen: 28.102 ug/L
 RT: 13.573 min Scan# 1914
 Delta R.T. -0.006 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

Tgt Ion:146 Resp: 119318
 Ion Ratio Lower Upper
 146 100
 111 37.3 27.5 51.1
 148 62.9 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 30.767 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

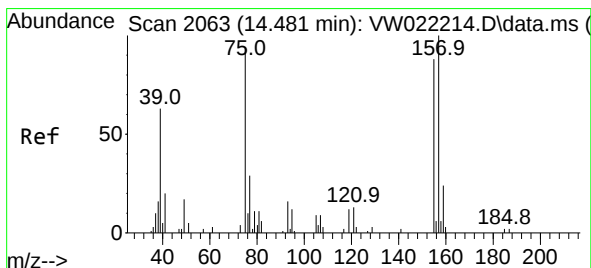
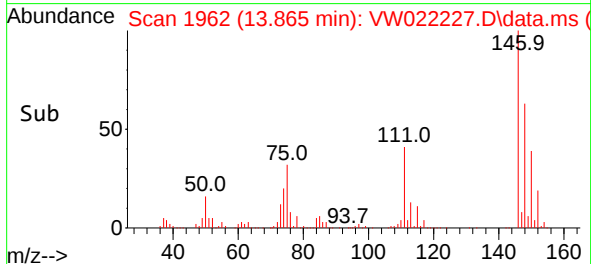
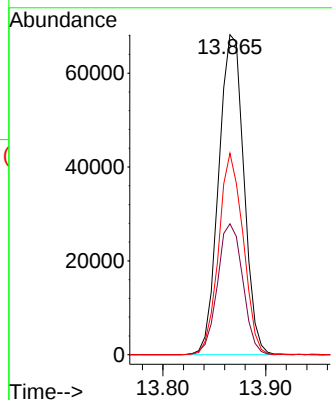
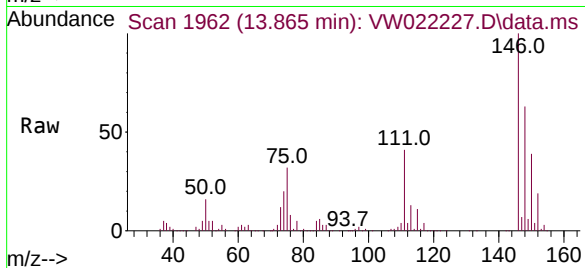
Tgt Ion:146 Resp: 115900

Ion Ratio Lower Upper

146 100

111 40.9 34.8 52.2

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 39.323 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

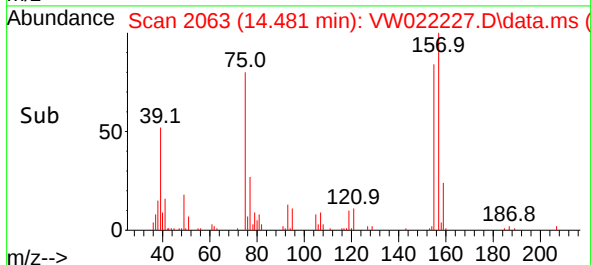
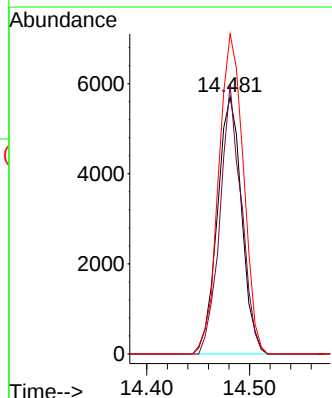
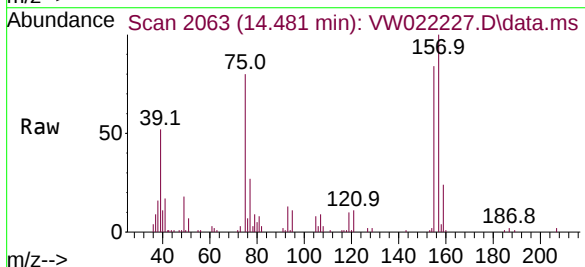
Tgt Ion: 75 Resp: 9335

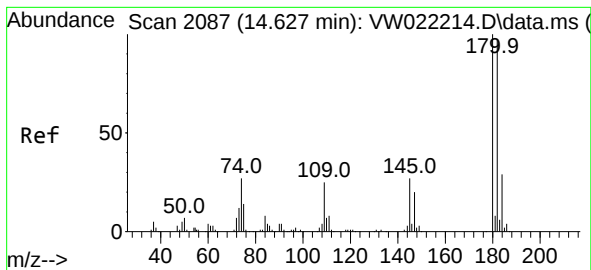
Ion Ratio Lower Upper

75 100

155 104.9 58.2 87.2#

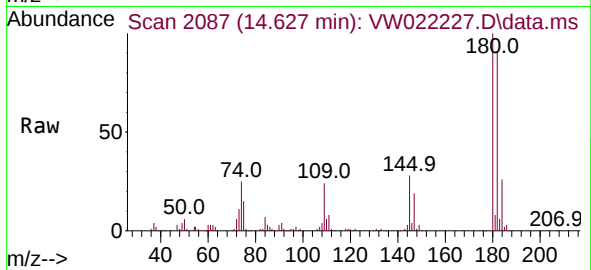
157 124.6 80.5 120.7#



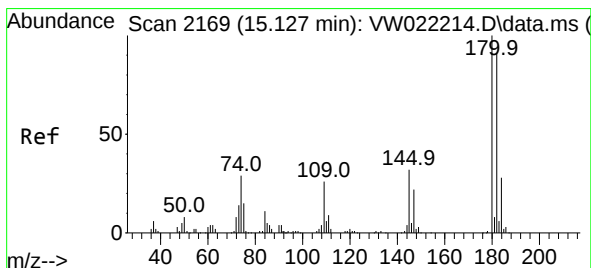
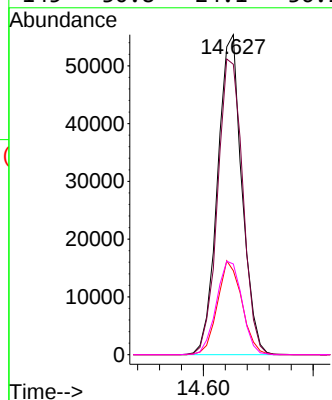
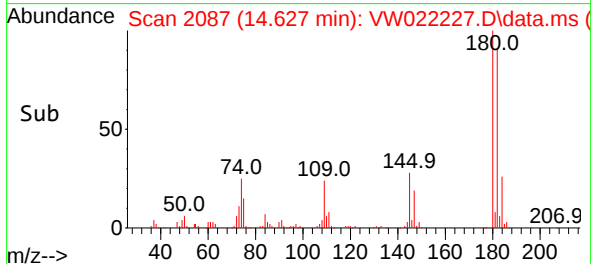


#69
 1,3,5-Trichlorobenzene
 Concen: 28.064 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

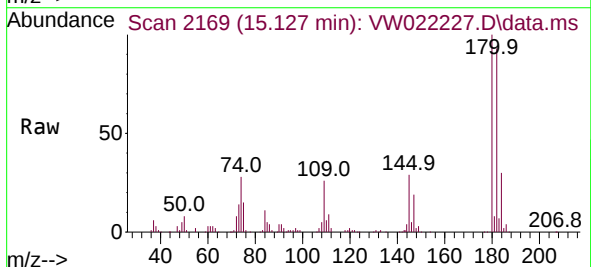
Instrument :
 MSVOA_W
 ClientSampleId :



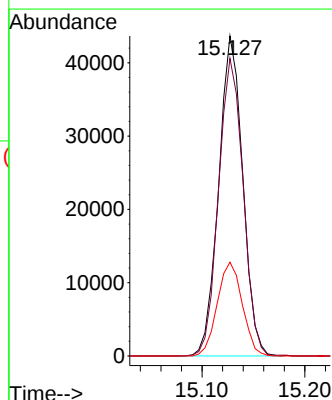
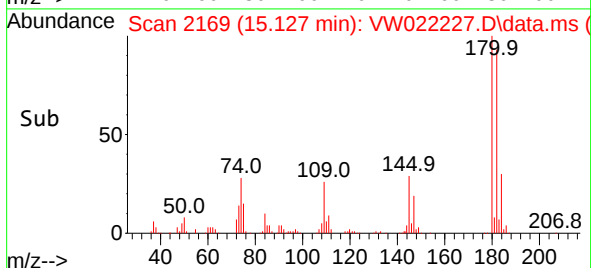
Tgt Ion:180 Resp: 85345
 Ion Ratio Lower Upper
 180 100
 182 95.3 69.4 104.0
 184 29.4 21.8 32.8
 145 30.8 24.1 36.1

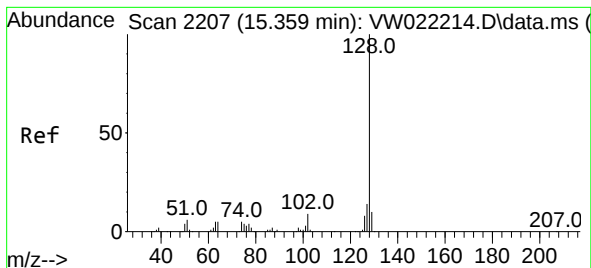


#70
 1,2,4-trichlorobenzene
 Concen: 30.844 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49



Tgt Ion:180 Resp: 70971
 Ion Ratio Lower Upper
 180 100
 182 94.6 77.8 116.6
 145 30.4 25.8 38.6





#71

Naphthalene

Concen: 40.061 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

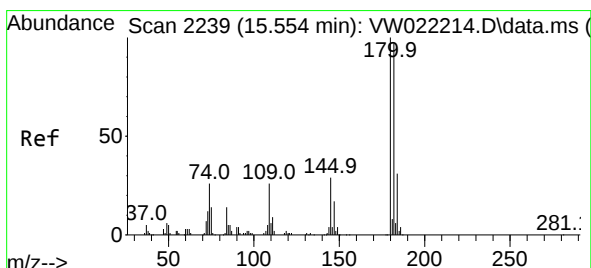
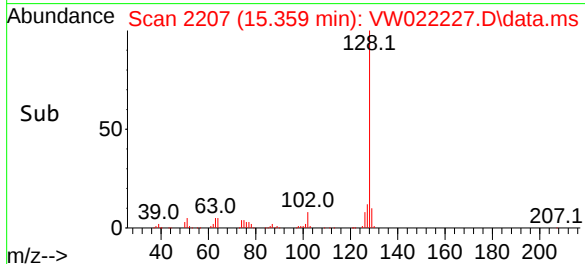
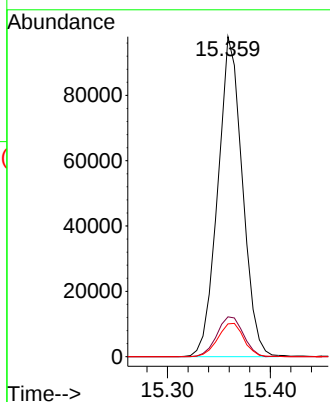
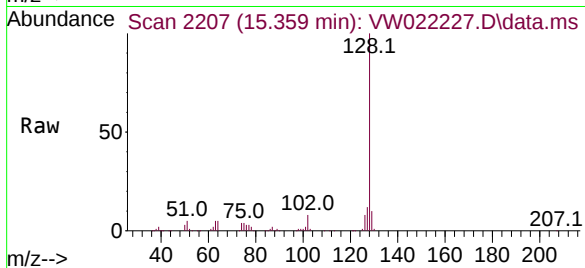
Tgt Ion:128 Resp: 162727

Ion Ratio Lower Upper

128 100

127 13.4 11.0 16.6

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 33.471 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Tgt Ion:180 Resp: 66614

Ion Ratio Lower Upper

180 100

182 92.8 79.0 118.4

145 33.3 28.0 42.0

