

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 :
 DBSD4MSD

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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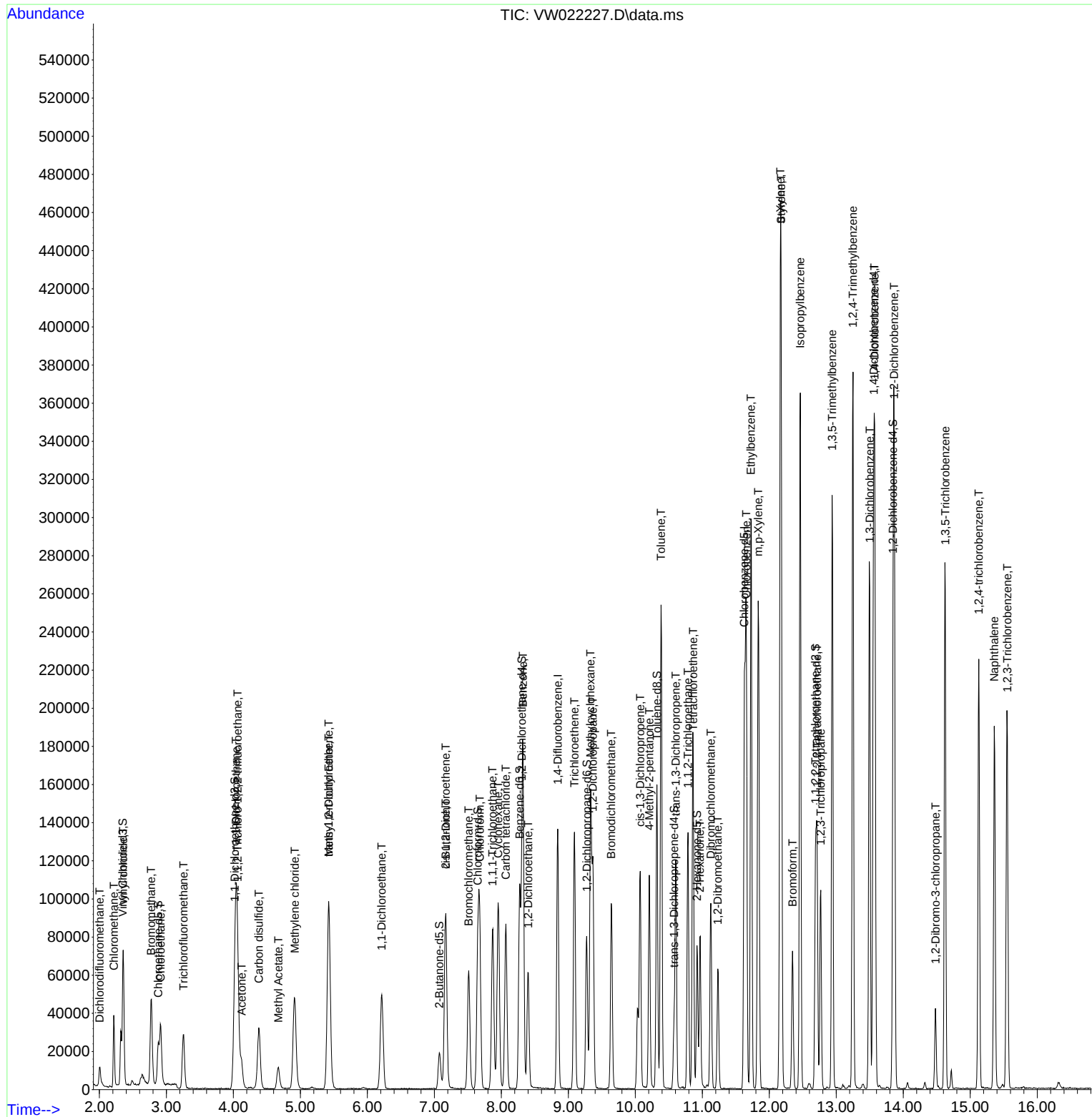
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	55030	34.268	ug/L	99
29) Cyclohexane	7.952	56	51700	26.615	ug/L	100
30) 1,1,1-Trichloroethane	7.866	97	67590	28.781	ug/L	100
31) Carbon tetrachloride	8.068	117	65152	29.191	ug/L	98
33) Benzene	8.324	78	162191	28.740	ug/L	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

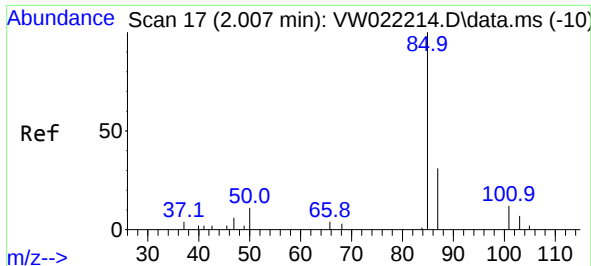
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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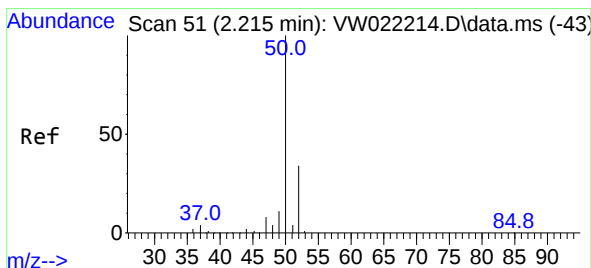
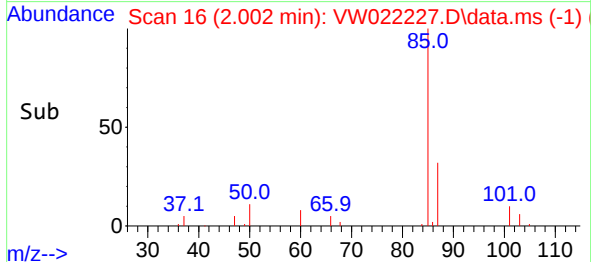
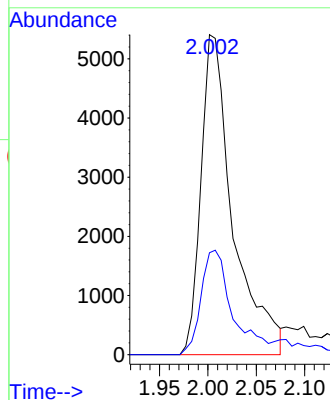
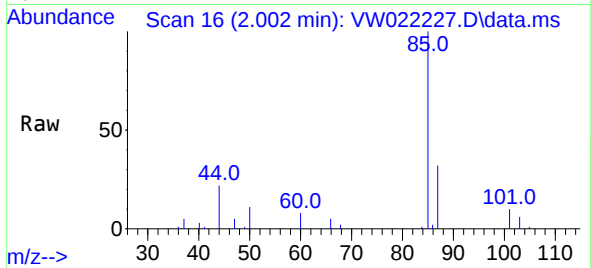




#2
Dichlorodifluoromethane
Concen: 36.612 ug/L
RT: 2.002 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

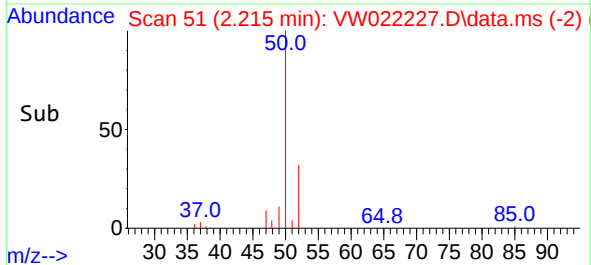
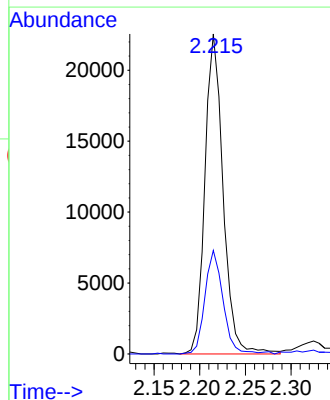
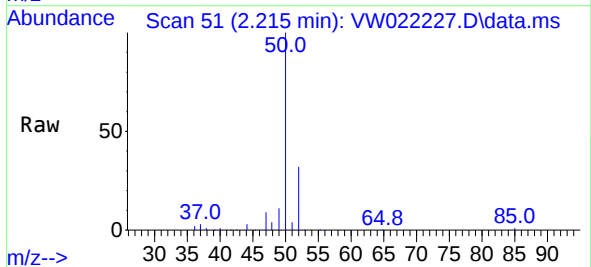
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MSVOA_W
ClientSampleId :
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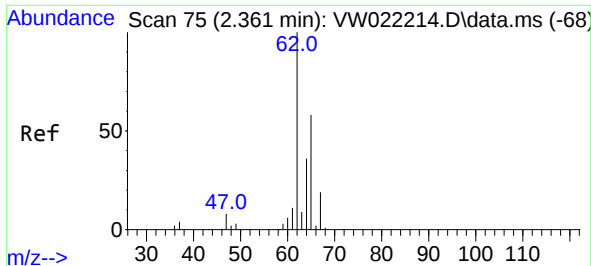
Tgt Ion: 85 Resp: 12447
Ion Ratio Lower Upper
85 100
87 32.1 27.6 41.4



#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

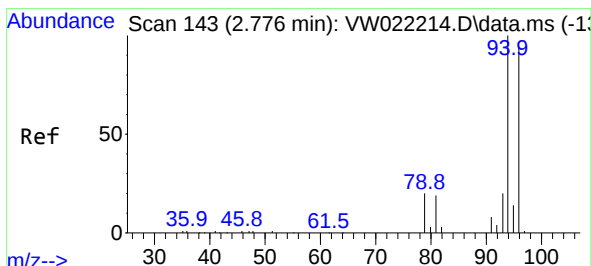
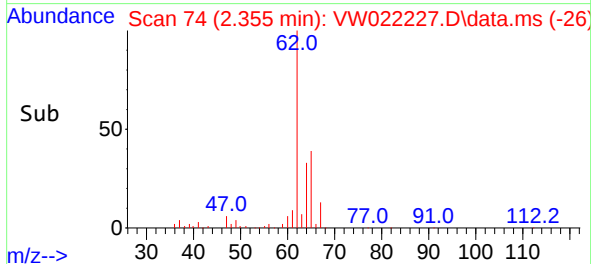
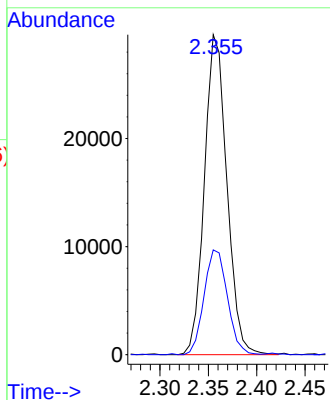
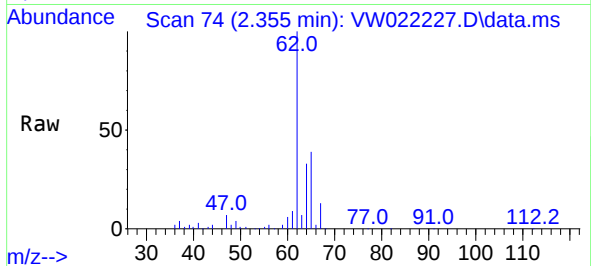




#5
 Vinyl chloride
 Concen: 27.373 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW022227.D
 Acq: 08 Mar 2022 14:49

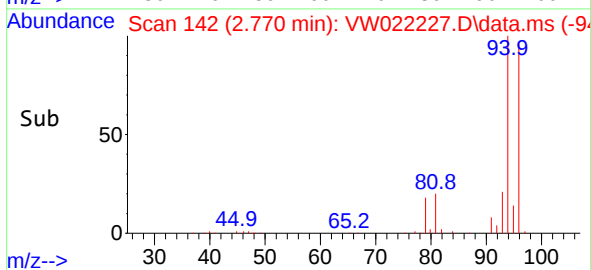
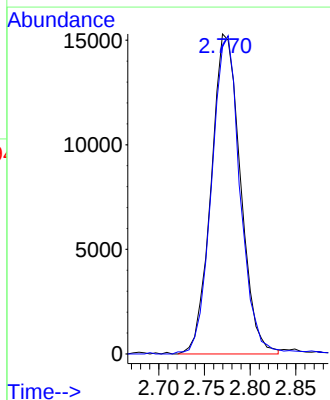
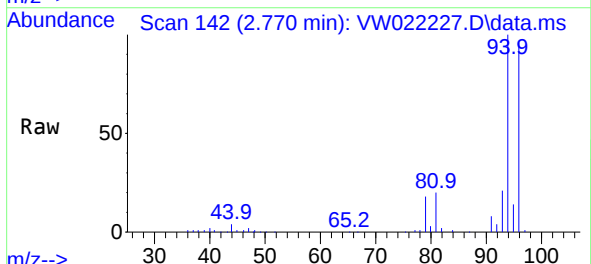
Instrument :
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 ClientSampleId :
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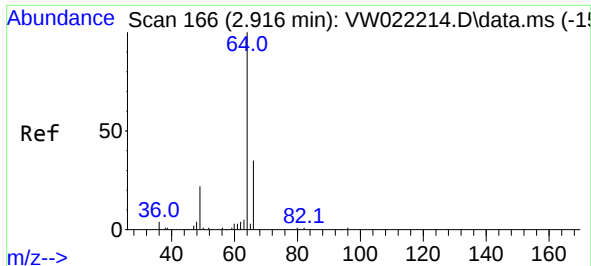
Tgt Ion: 62 Resp: 47914
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.7 45.9



#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

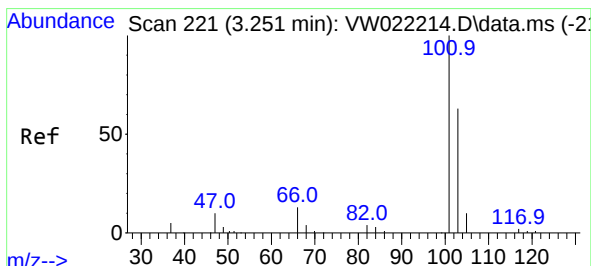
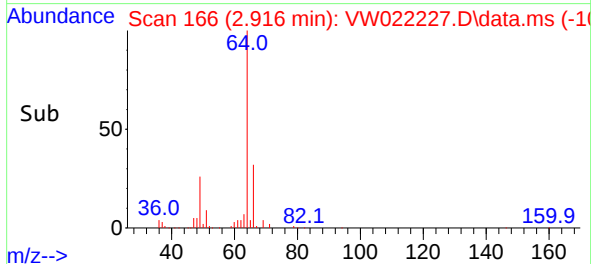
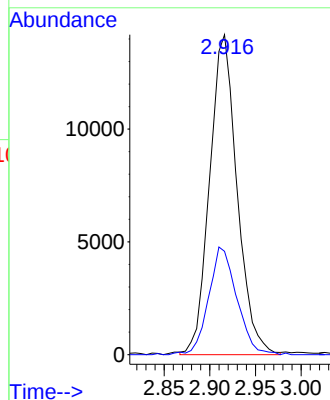
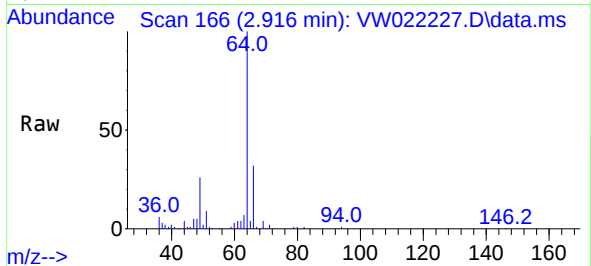




#8
Chloroethane
Concen: 30.156 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

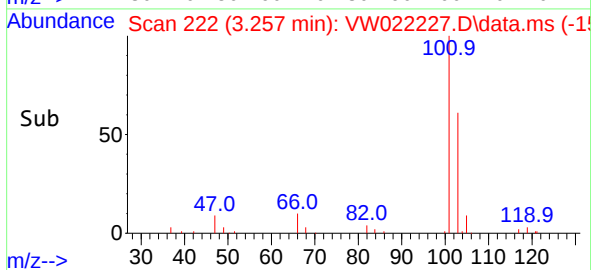
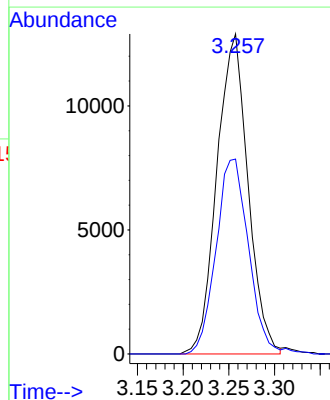
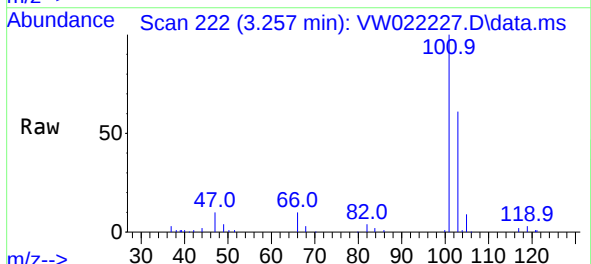
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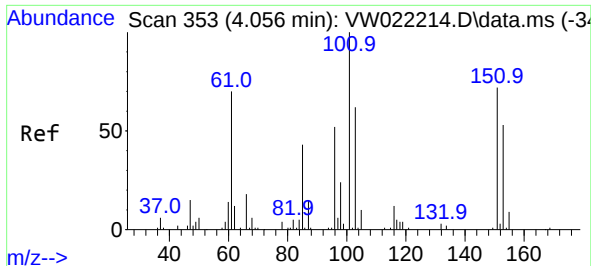
Tgt Ion: 64 Resp: 29653
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.0



#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

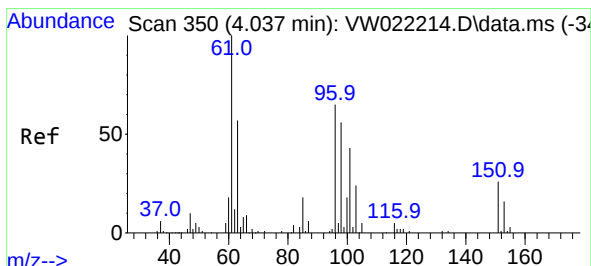
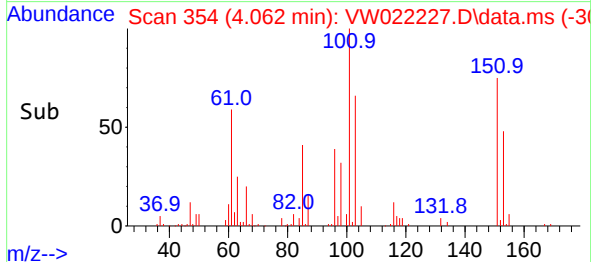
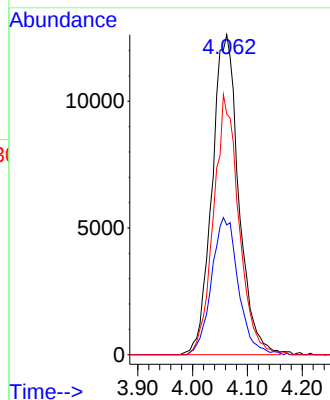
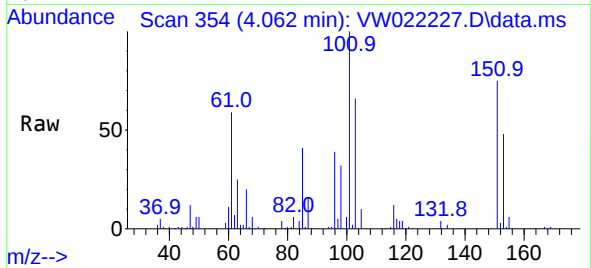




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 29.477 ug/L
RT: 4.062 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW022227.D
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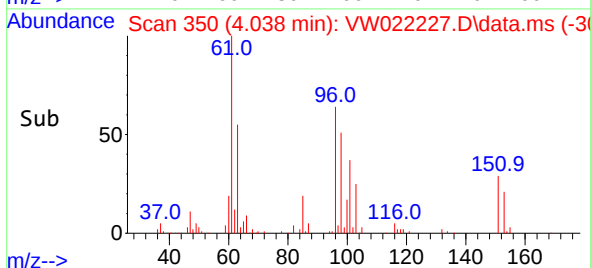
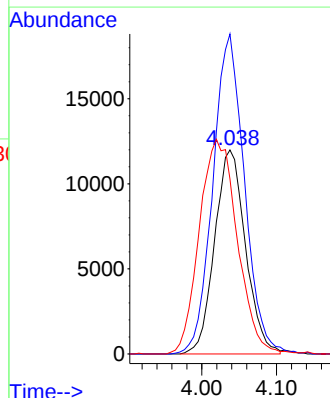
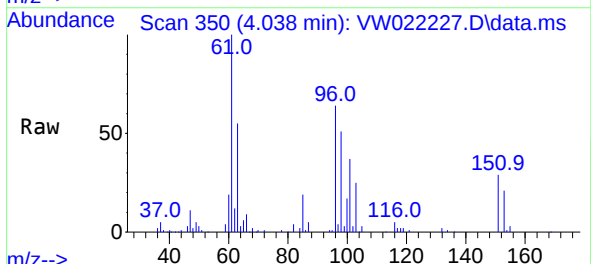
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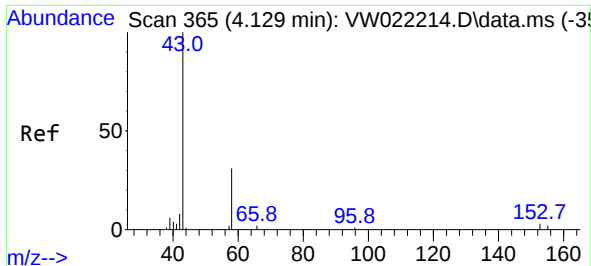
Tgt Ion:101 Resp: 42739
Ion Ratio Lower Upper
101 100
85 42.9 34.4 51.6
151 76.8 59.0 88.4



#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

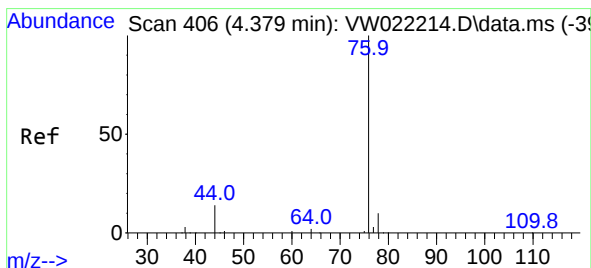
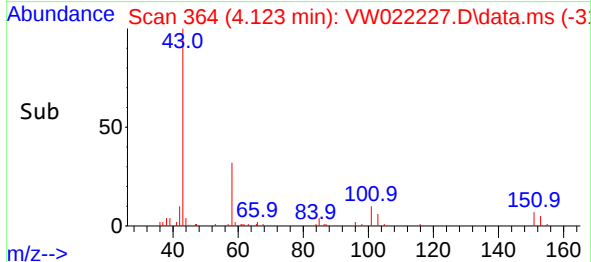
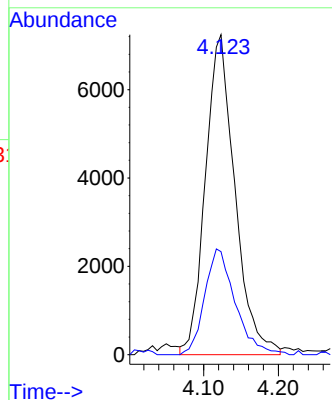
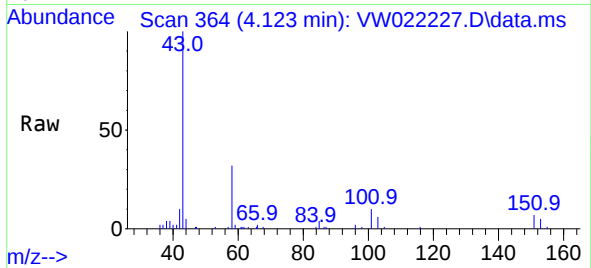




#13
Acetone
Concen: 91.097 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
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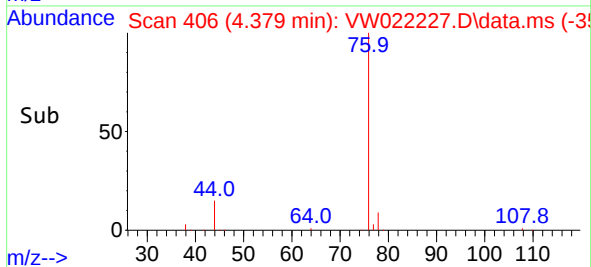
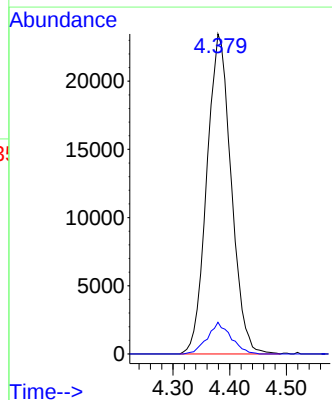
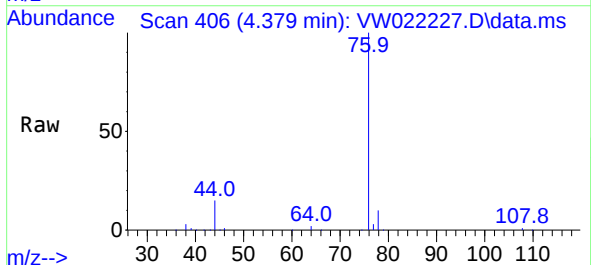
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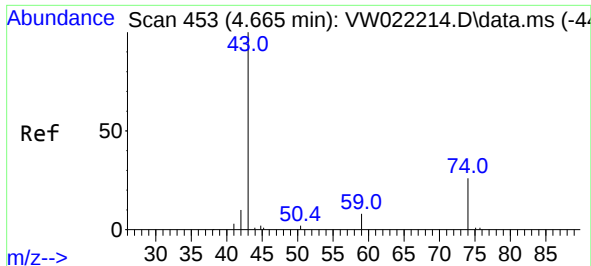
Tgt Ion: 43 Resp: 19849
Ion Ratio Lower Upper
43 100
58 34.3 0.0 69.2



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

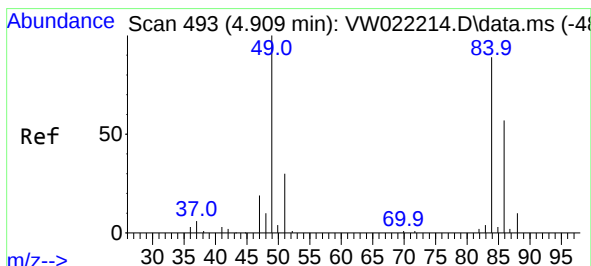
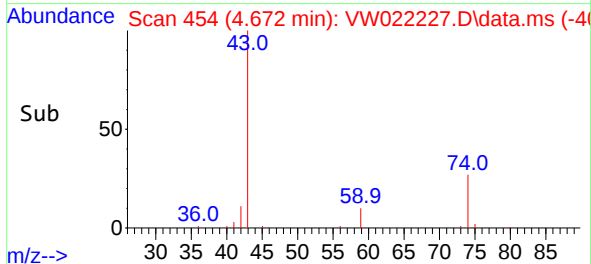
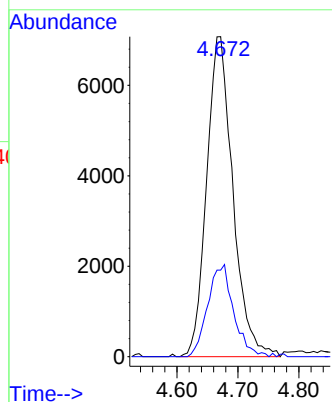
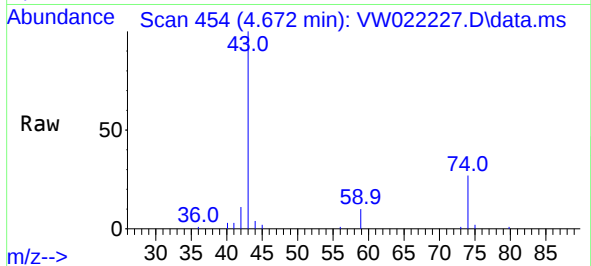




#15
Methyl Acetate
Concen: 43.172 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

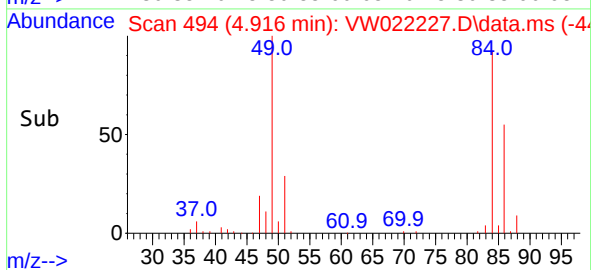
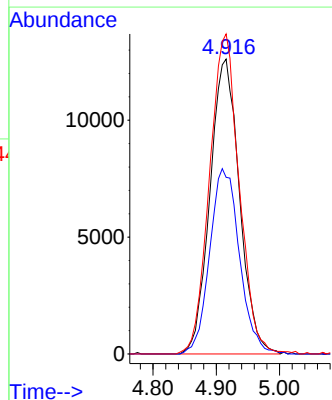
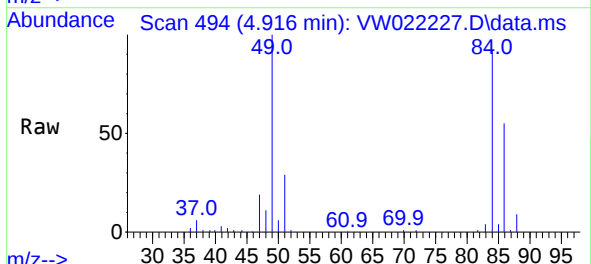
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

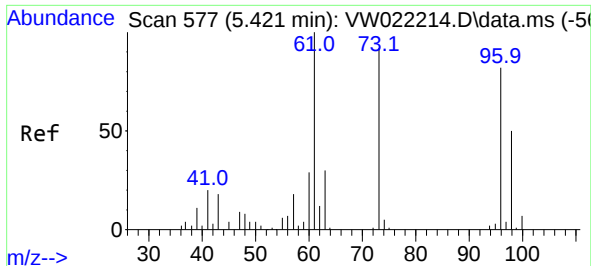
Tgt Ion: 43 Resp: 21177
Ion Ratio Lower Upper
43 100
74 28.0 23.0 34.6



#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

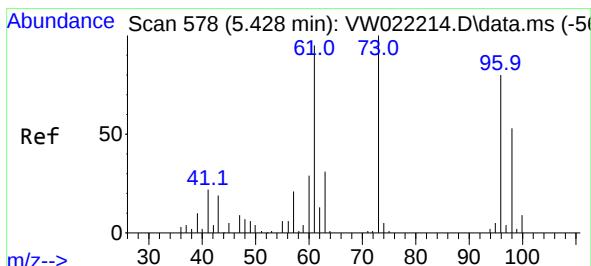
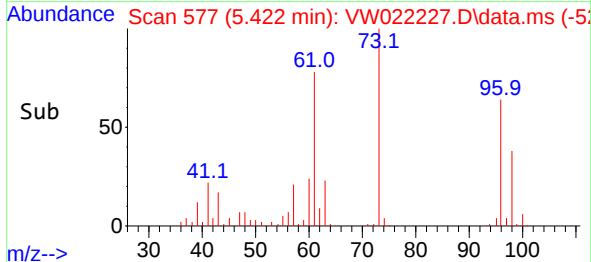
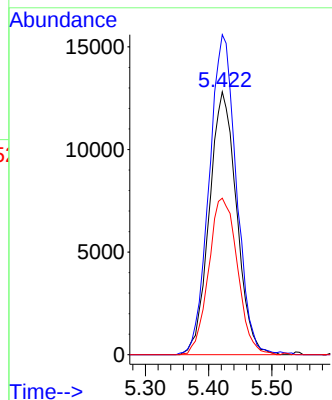
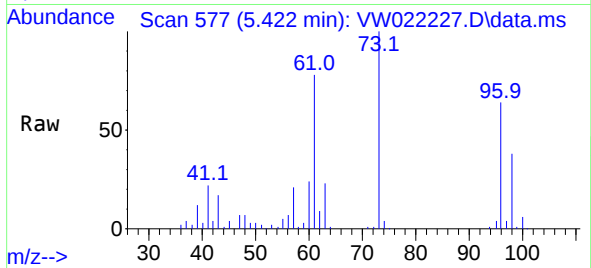




#17
trans-1,2-Dichloroethene
Concen: 27.808 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

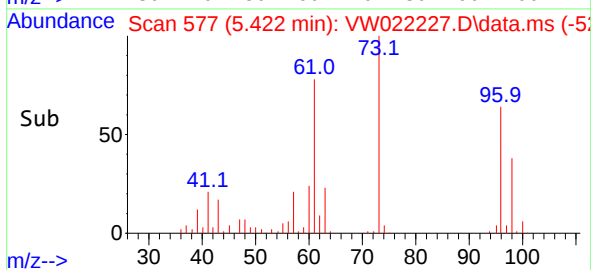
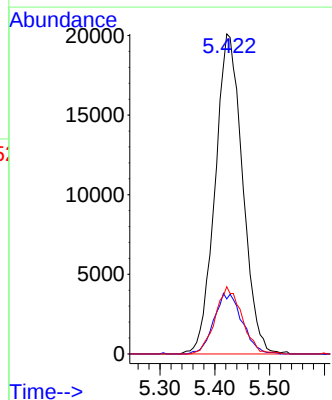
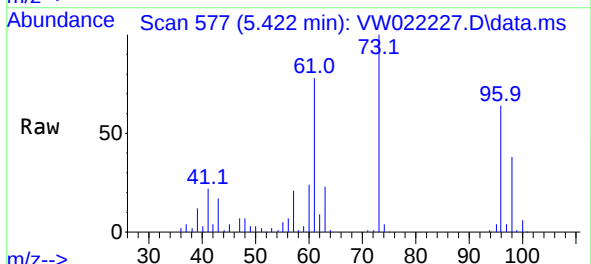
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

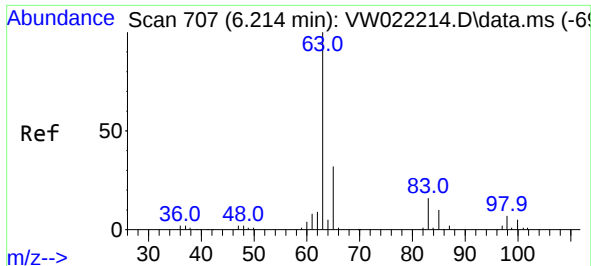
Tgt Ion: 96 Resp: 38381
Ion Ratio Lower Upper
96 100
61 121.7 87.3 162.1
98 59.5 43.2 80.2



#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

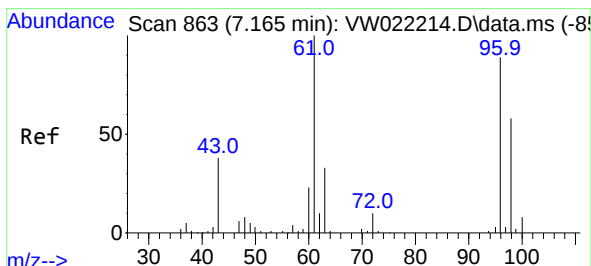
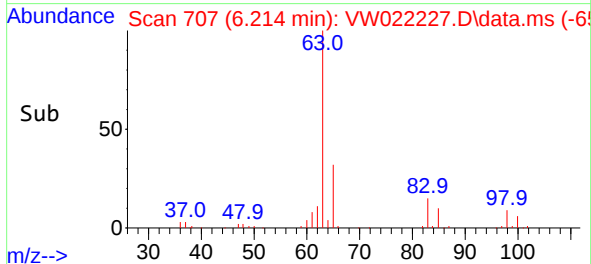
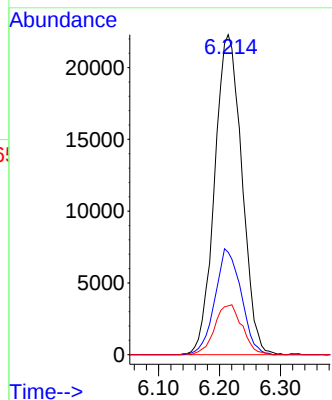
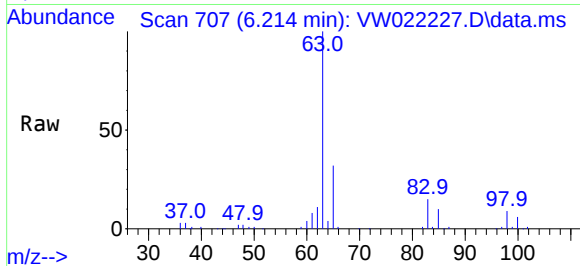




#19
1,1-Dichloroethane
Concen: 31.020 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

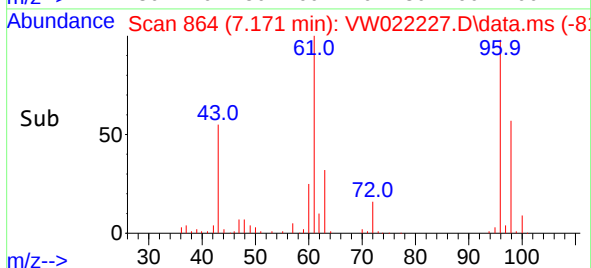
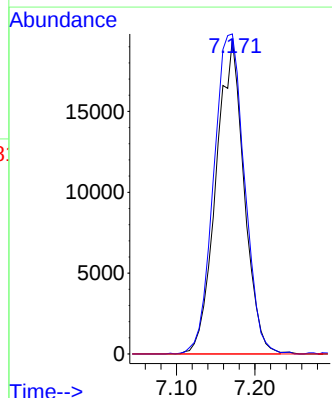
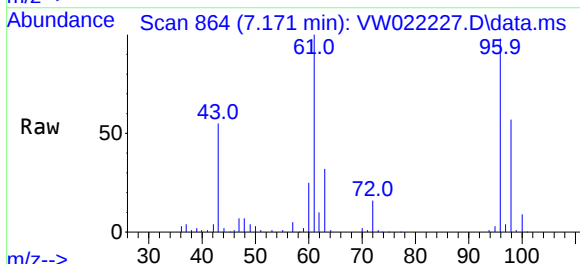
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

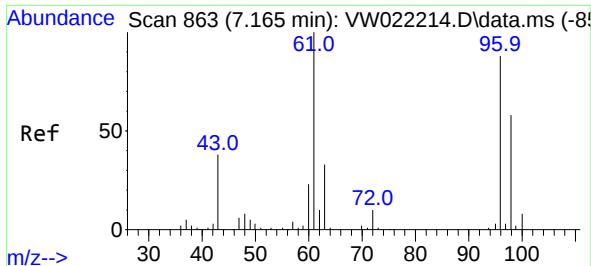
Tgt Ion: 63 Resp: 69314
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 15.3 11.5 21.5



#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

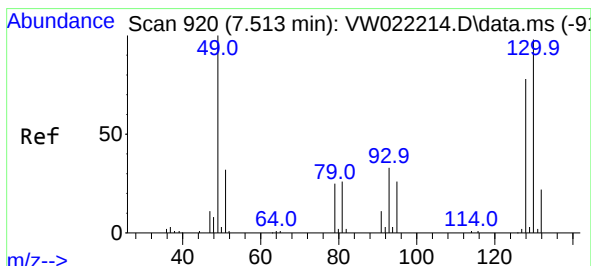
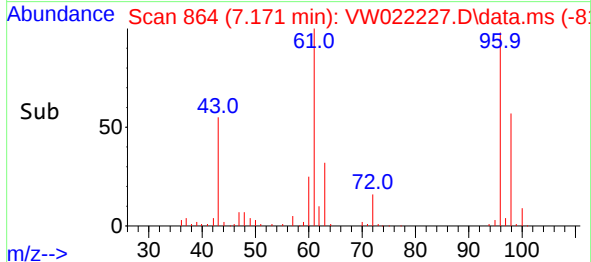
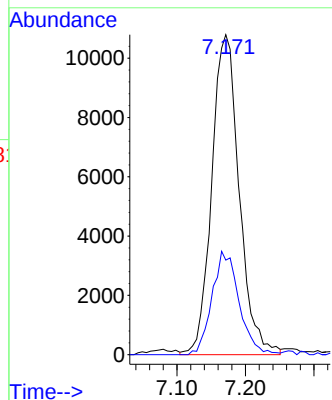
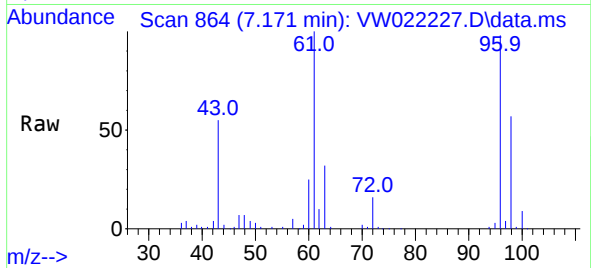




#22
2-Butanone
Concen: 95.791 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

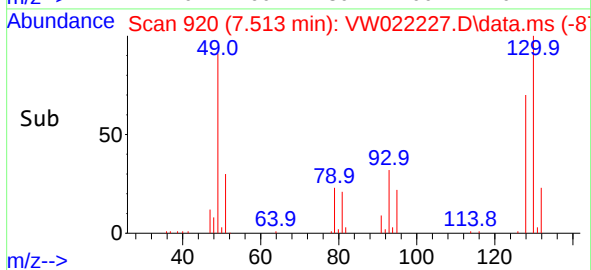
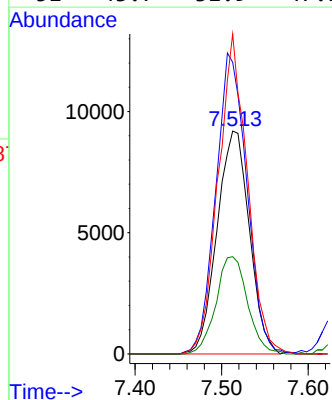
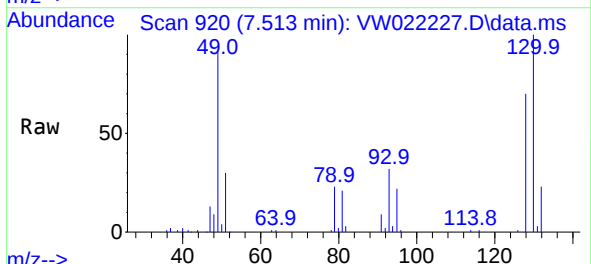
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

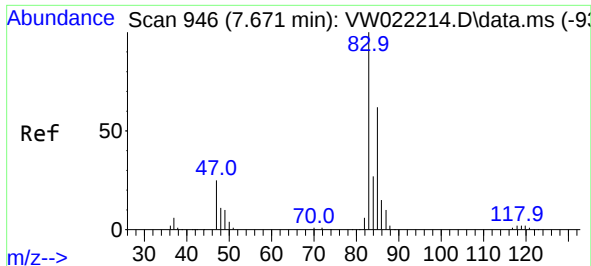
Tgt Ion: 43 Resp: 29982
Ion Ratio Lower Upper
43 100
72 31.8 17.0 51.0



#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

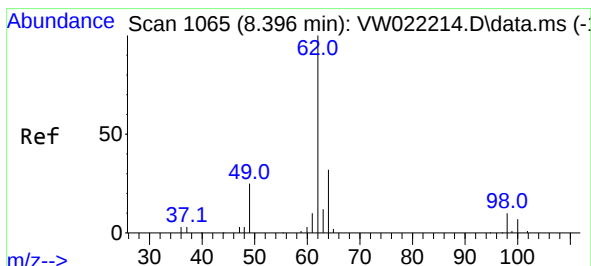
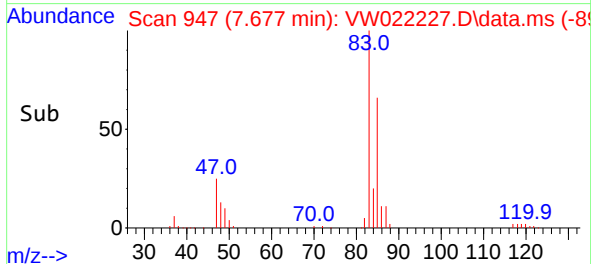
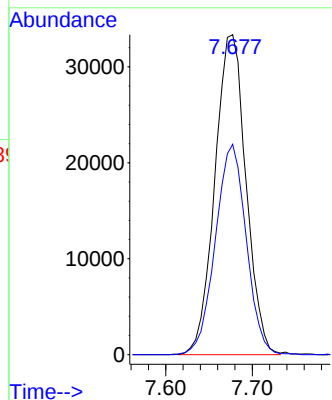
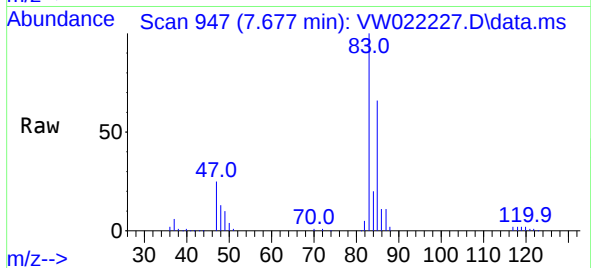




#25
Chloroform
Concen: 31.936 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

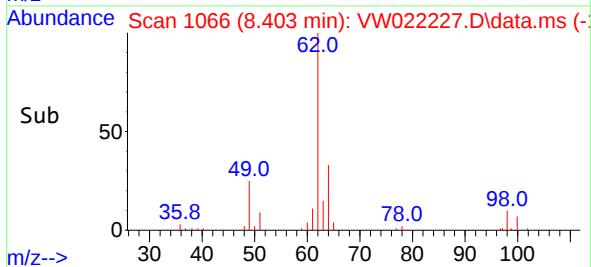
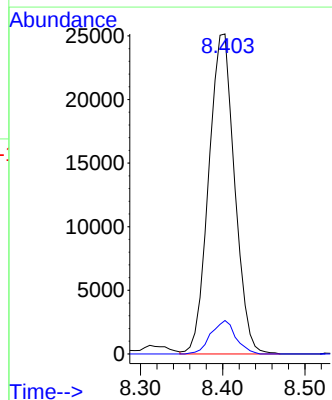
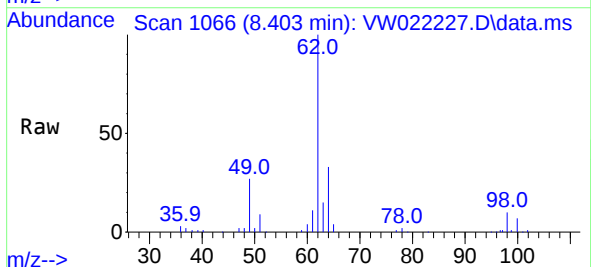
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

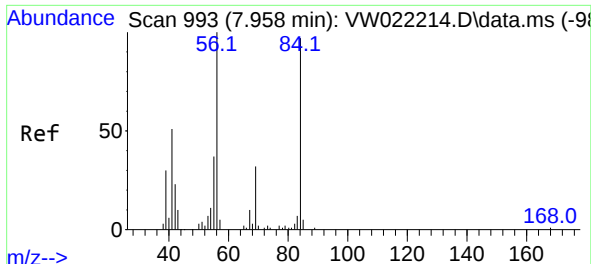
Tgt Ion: 83 Resp: 83264
Ion Ratio Lower Upper
83 100
85 65.8 45.1 83.9



#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

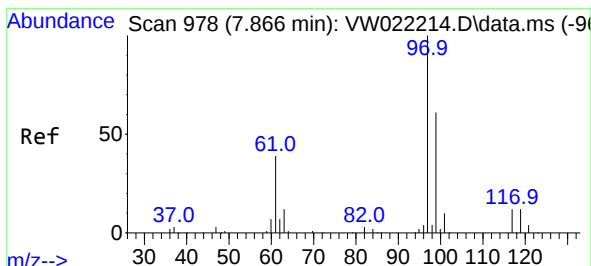
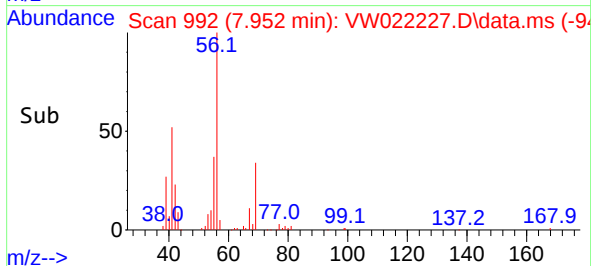
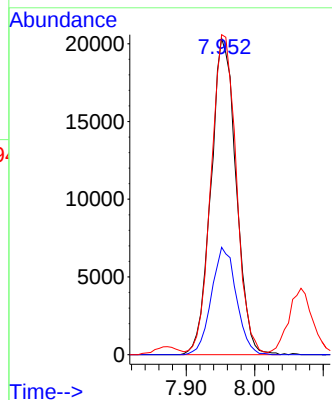
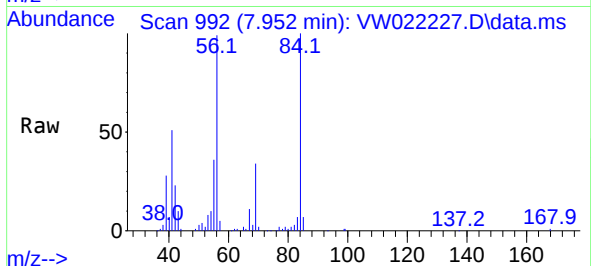




#29
Cyclohexane
Concen: 26.615 ug/L
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

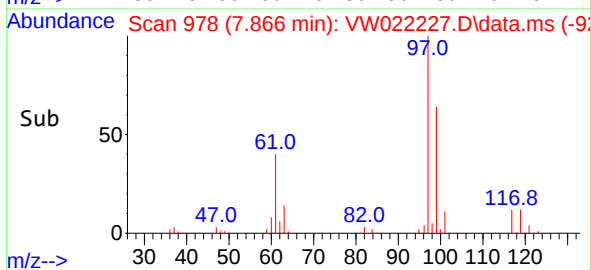
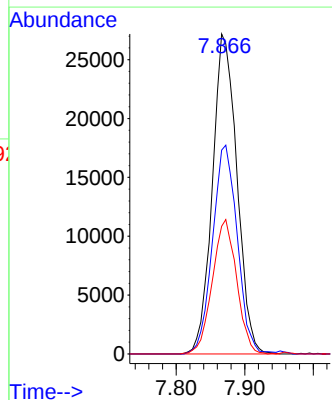
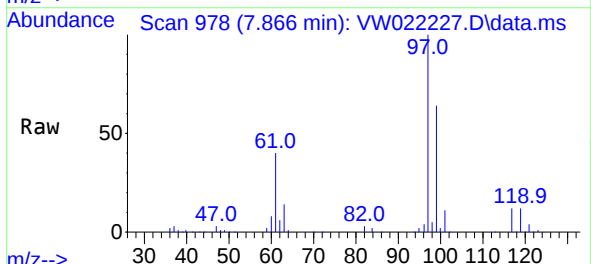
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

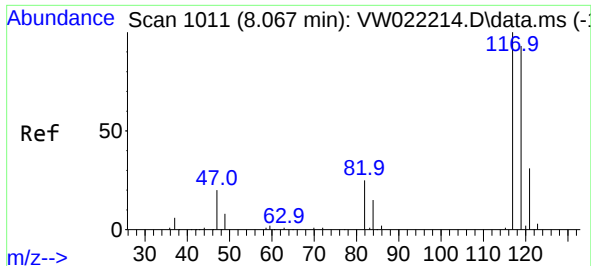
Tgt Ion: 56 Resp: 51700
Ion Ratio Lower Upper
56 100
69 33.6 26.3 39.5
84 101.8 81.4 122.2



#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

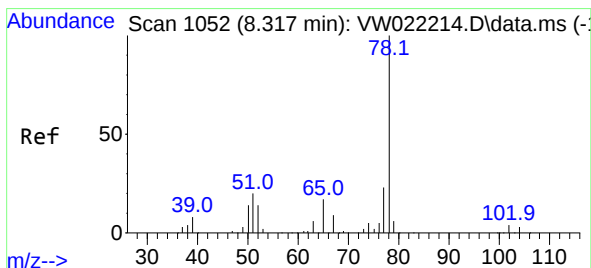
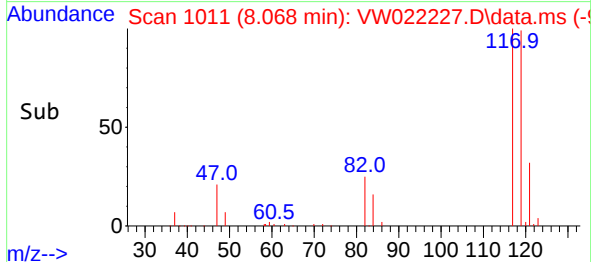
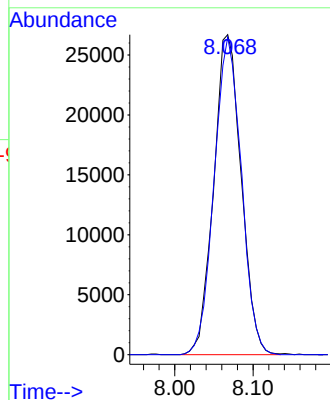
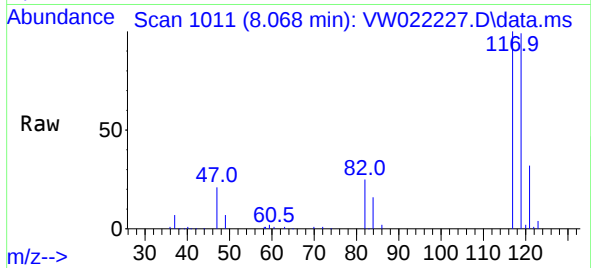




#31
Carbon tetrachloride
Concen: 29.191 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

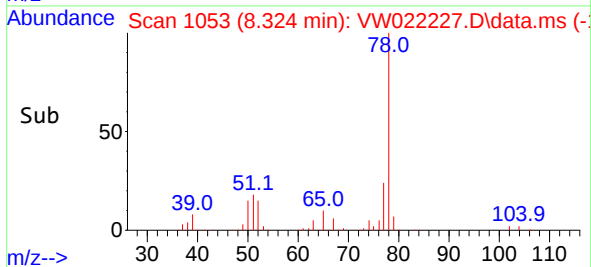
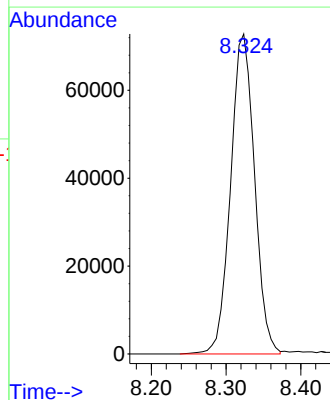
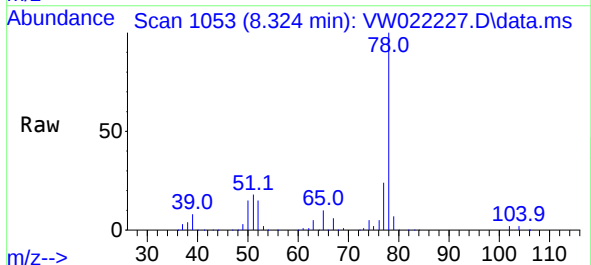
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

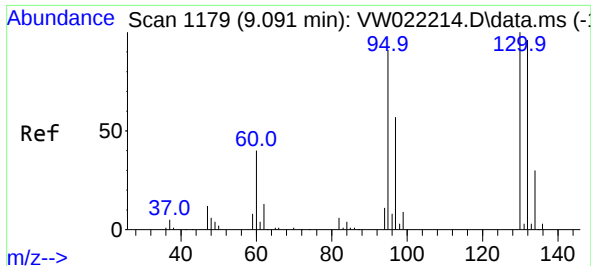
Tgt Ion:117 Resp: 65152
Ion Ratio Lower Upper
117 100
119 98.0 76.7 115.1



#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

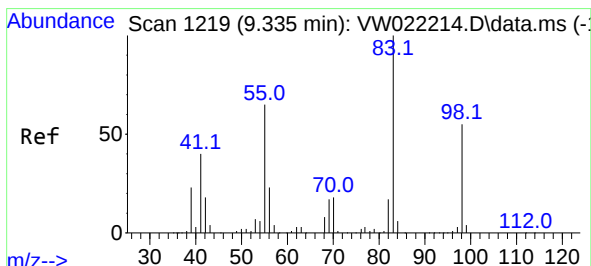
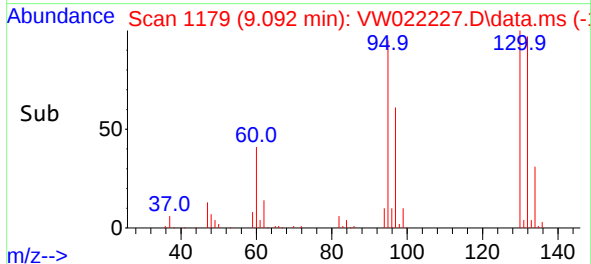
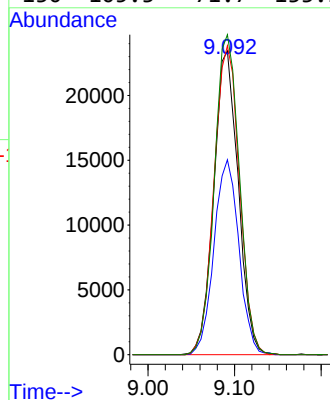
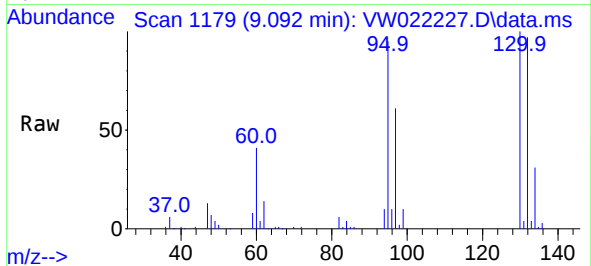




#34
Trichloroethene
Concen: 28.452 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

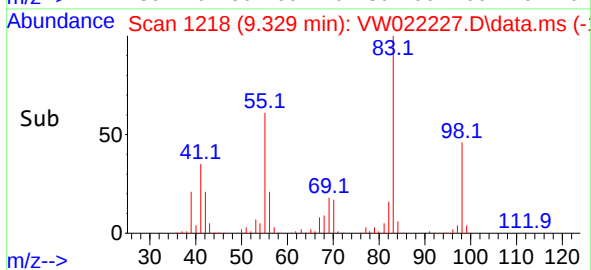
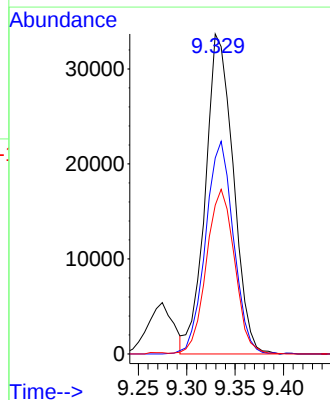
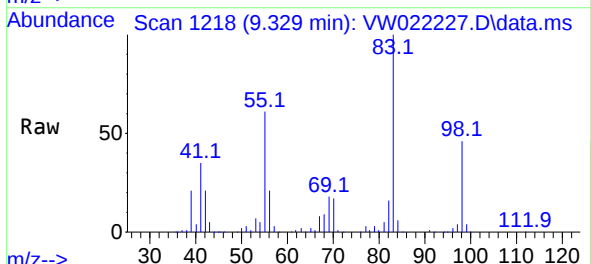
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

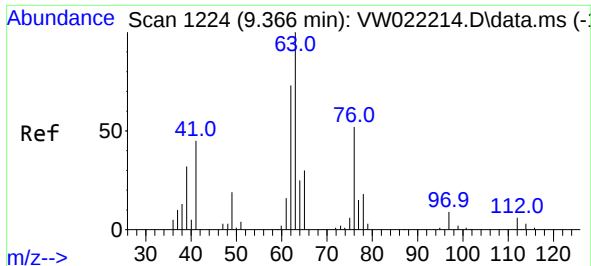
Tgt Ion: 95 Resp: 45974
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 101.7 71.7 133.1
130 105.3 71.7 133.1



#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# 11

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

Instrument :

MSVOA_W

ClientSampleId :

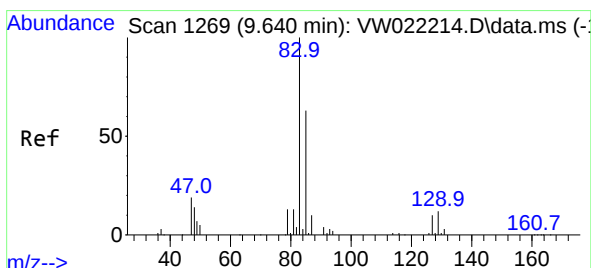
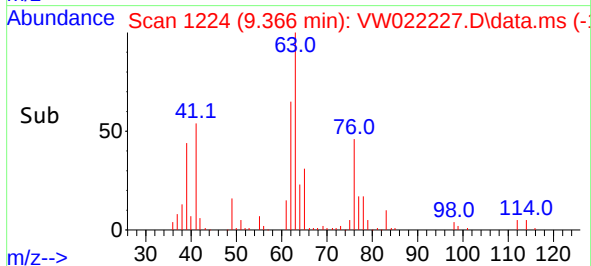
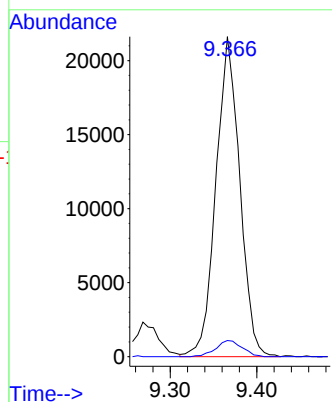
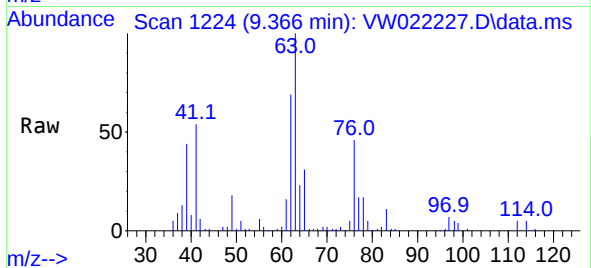
DBSD4MSD

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

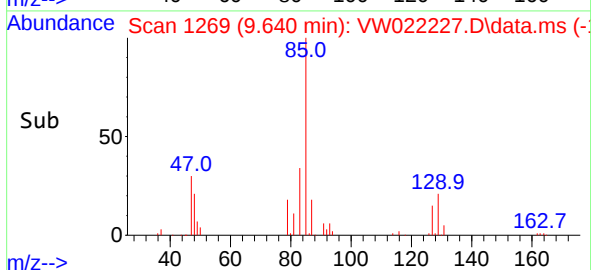
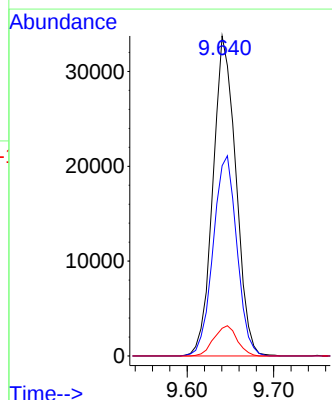
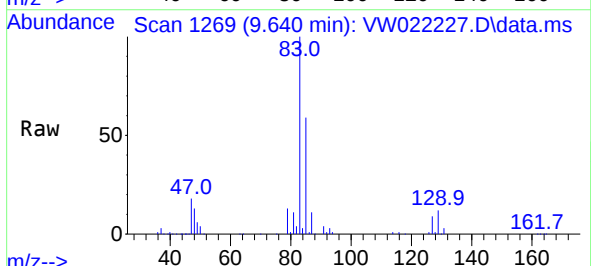
Tgt Ion: 83 Resp: 62067

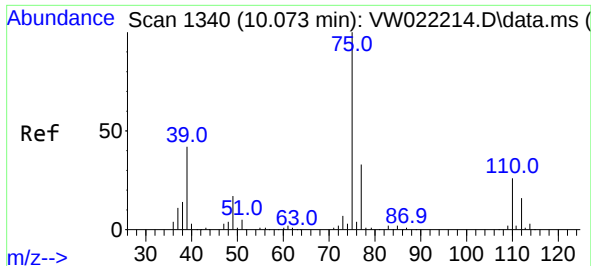
Ion Ratio Lower Upper

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 :

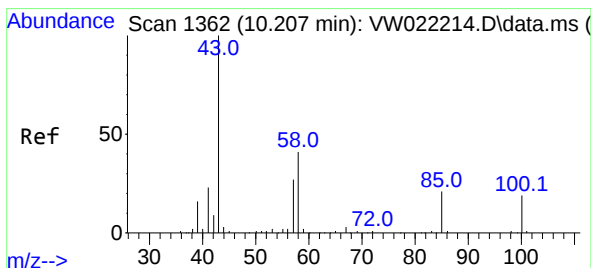
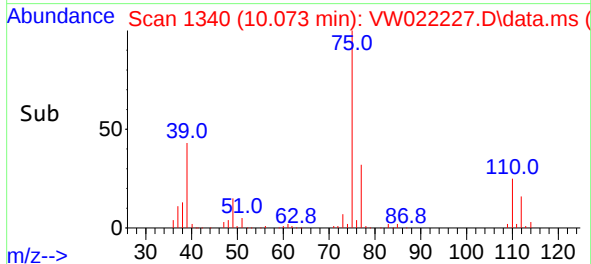
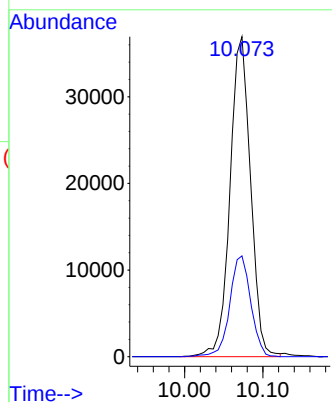
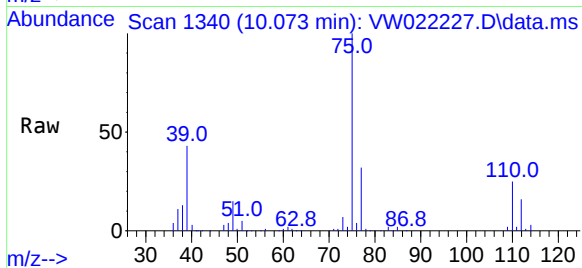
DBSD4MSD

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

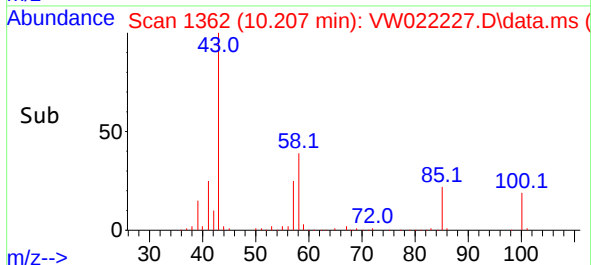
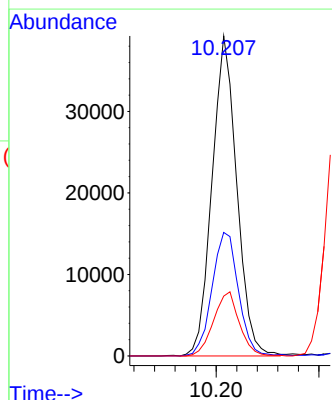
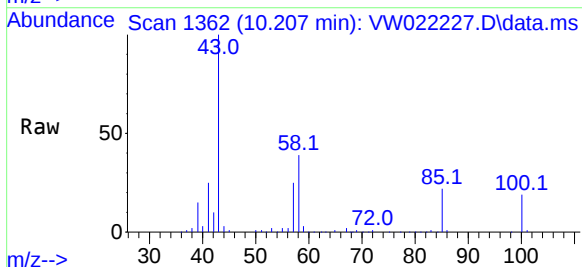
Tgt Ion: 43 Resp: 65621

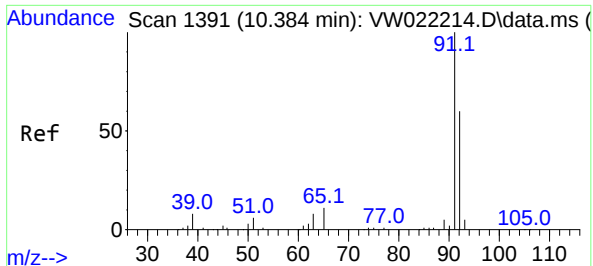
Ion Ratio Lower Upper

43 100

58 41.0 33.2 49.8

100 20.8 16.1 24.1

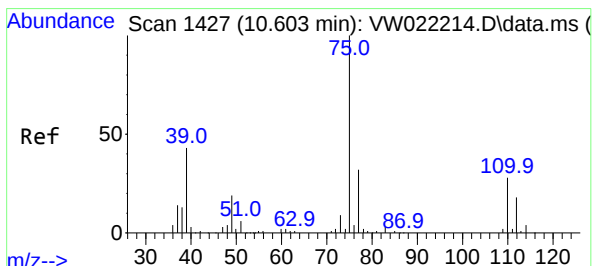
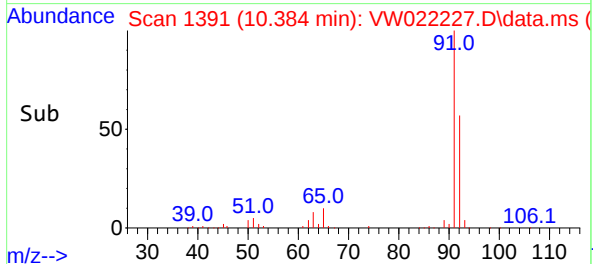
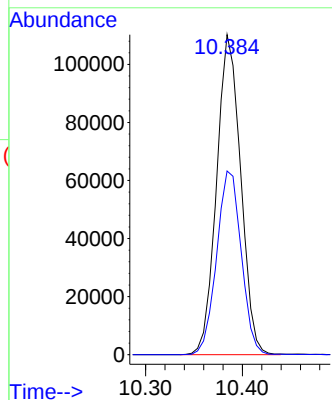
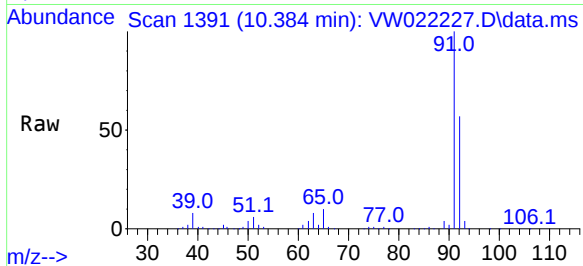




#42
Toluene
Concen: 29.809 ug/L
RT: 10.384 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

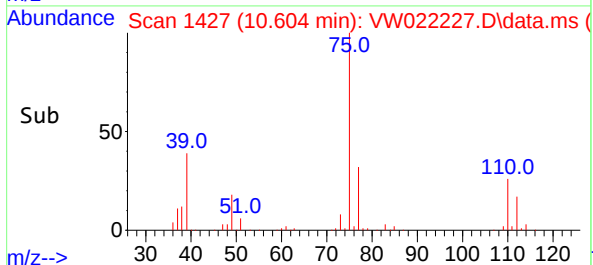
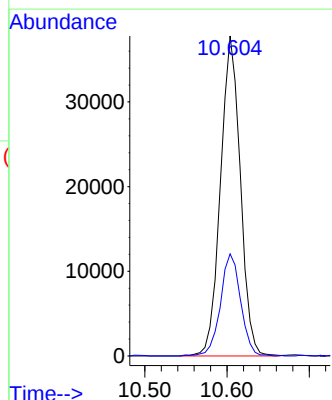
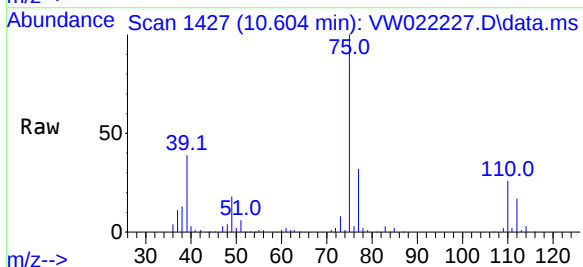
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

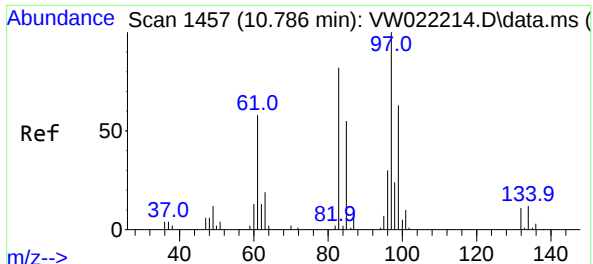
Tgt Ion: 91 Resp: 190398
Ion Ratio Lower Upper
91 100
92 57.4 40.4 75.0



#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 :

DBSD4MSD

Tgt Ion: 97 Resp: 41638

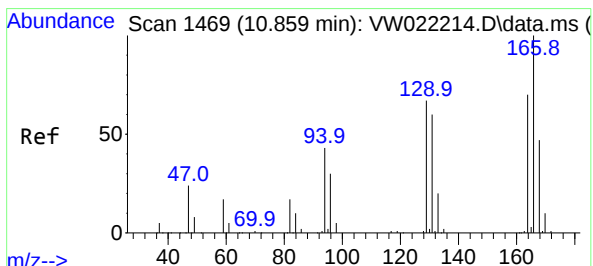
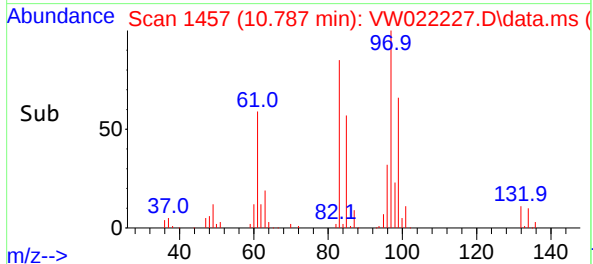
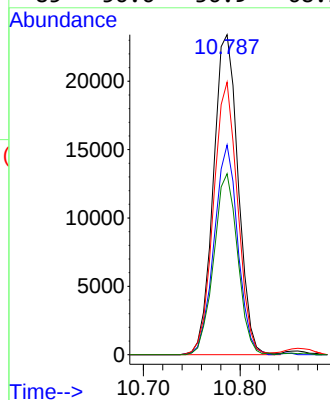
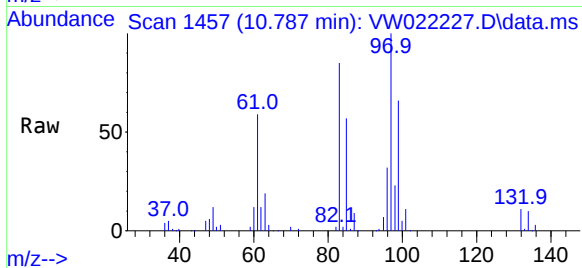
Ion Ratio Lower Upper

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

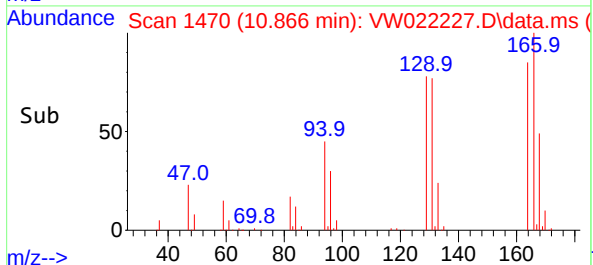
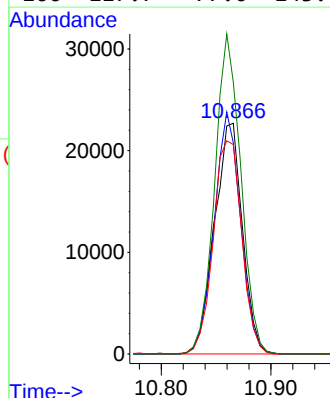
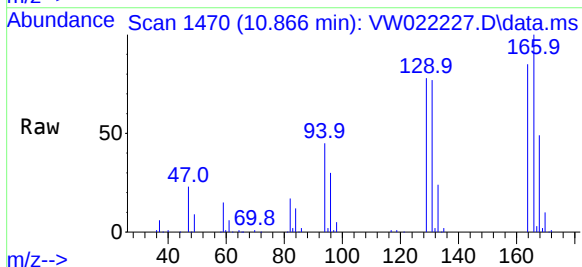
Ion Ratio Lower Upper

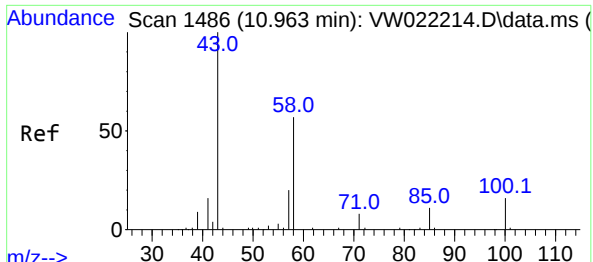
164 100

129 91.4 60.3 111.9

131 90.8 59.9 111.3

166 117.7 77.0 143.0

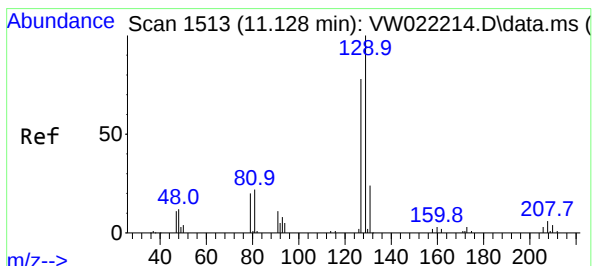
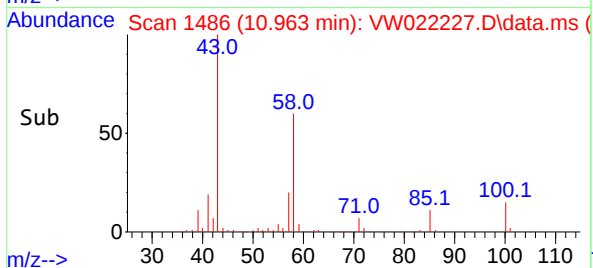
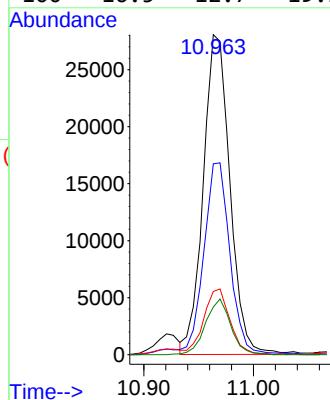
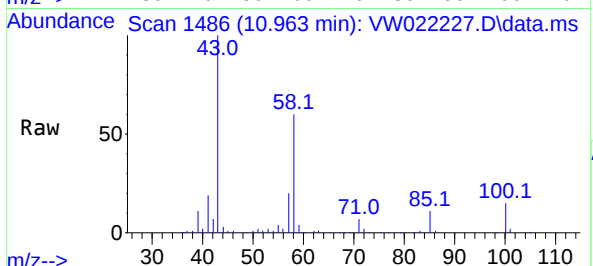




#48
2-Hexanone
Concen: 96.262 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

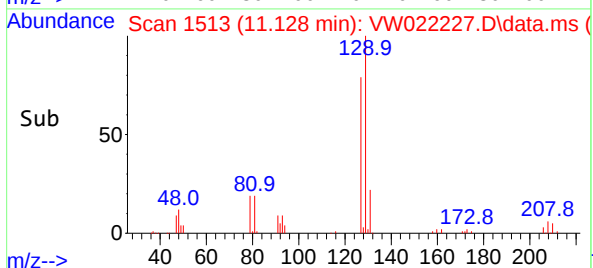
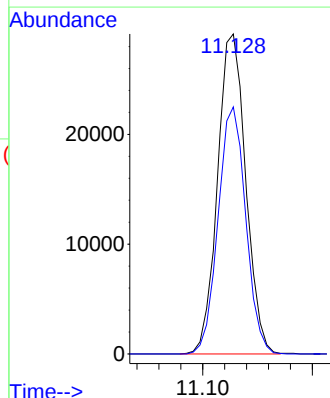
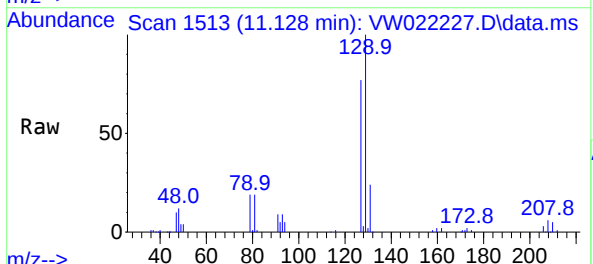
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

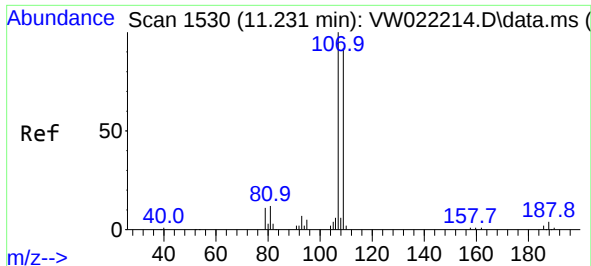
Tgt Ion:	43	Resp:	47502
Ion	Ratio	Lower	Upper
43	100		
58	58.9	44.6	66.8
57	19.9	15.8	23.8
100	16.5	12.7	19.1



#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# 11

Delta R.T. 0.000 min

Lab File: VW022227.D

Acq: 08 Mar 2022 14:49

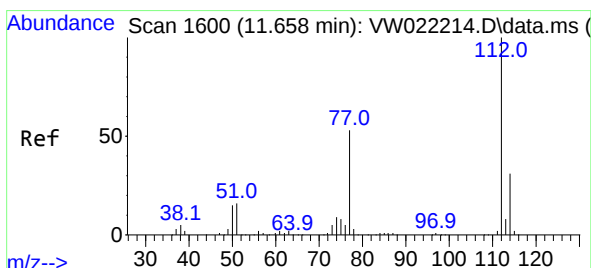
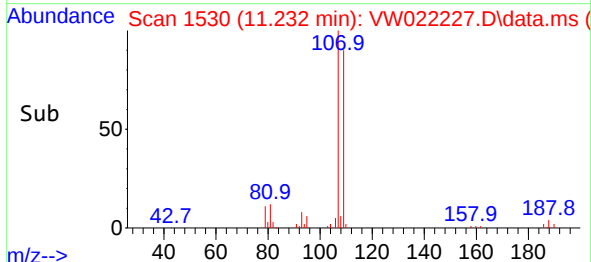
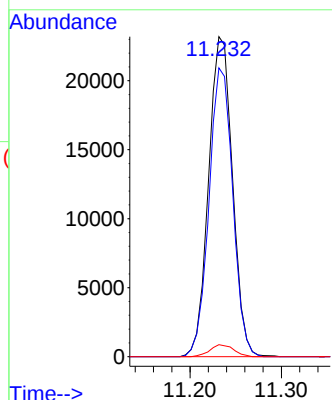
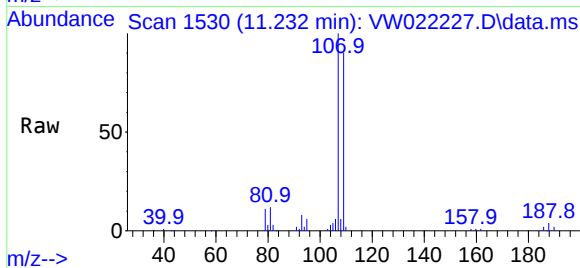
Instrument :

MSVOA_W

ClientSampleId :

DBSD4MSD

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

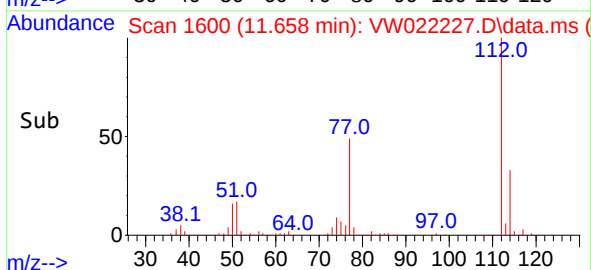
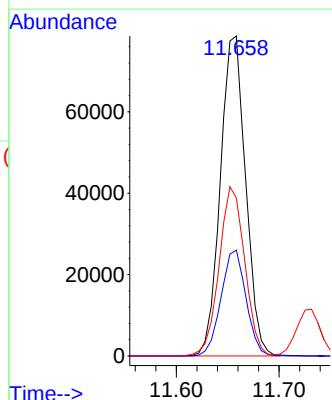
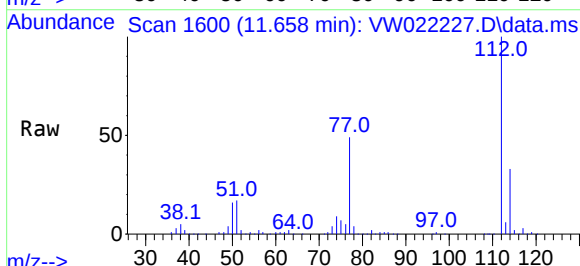
RT: 11.658 min Scan# 1600

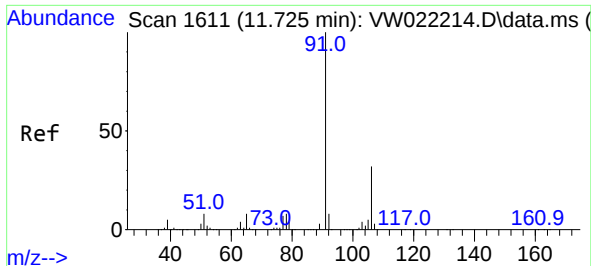
Delta R.T. 0.000 min

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

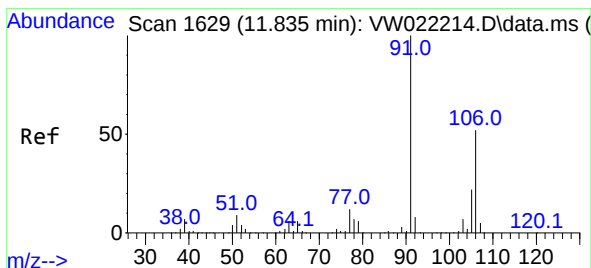
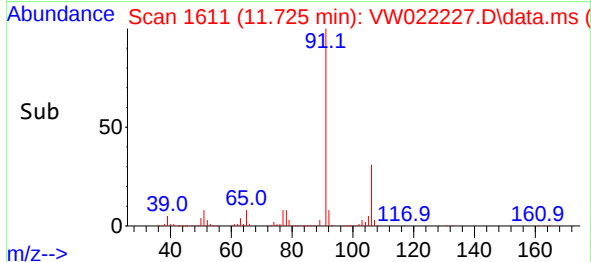
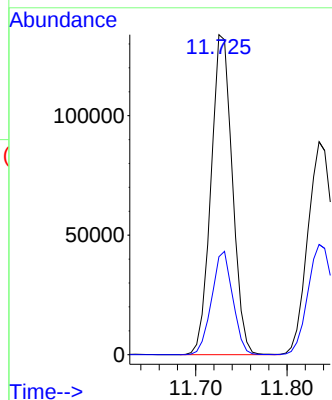
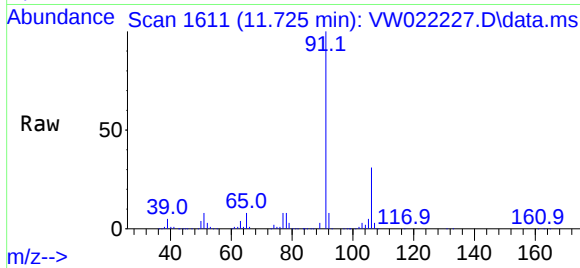




#52
Ethylbenzene
Concen: 30.724 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

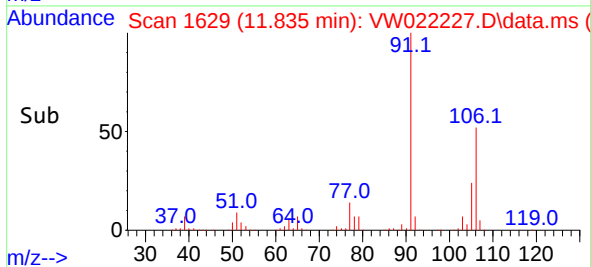
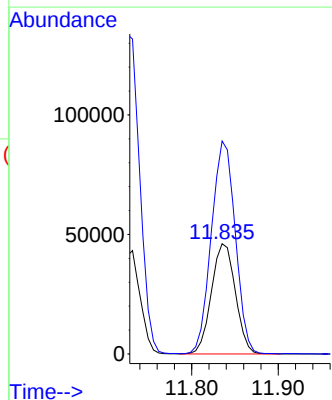
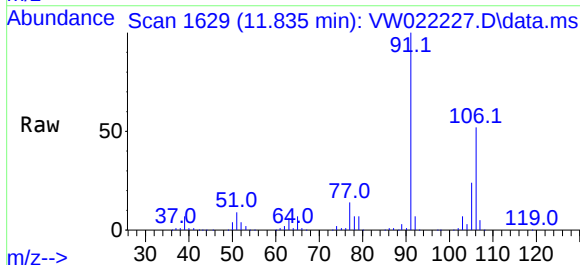
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

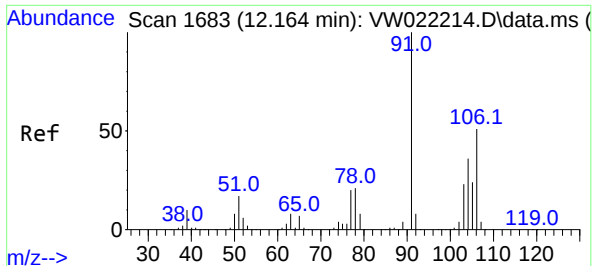
Tgt Ion: 91 Resp: 217185
Ion Ratio Lower Upper
91 100
106 30.6 22.8 42.4



#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

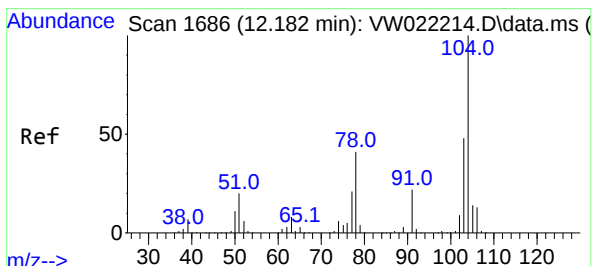
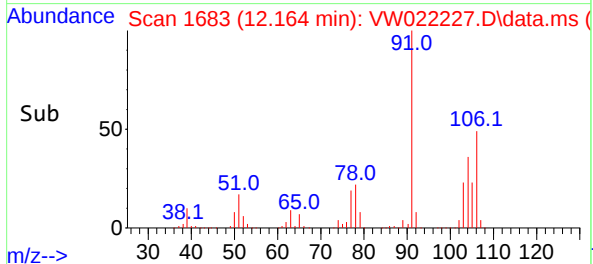
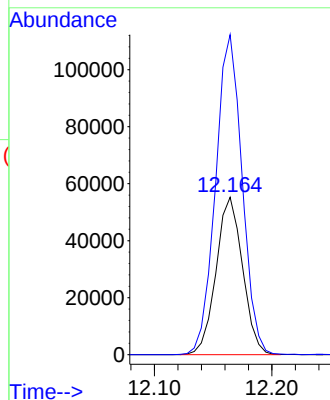
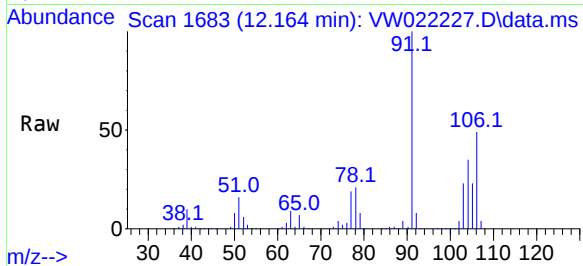




#54
o-Xylene
Concen: 31.608 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

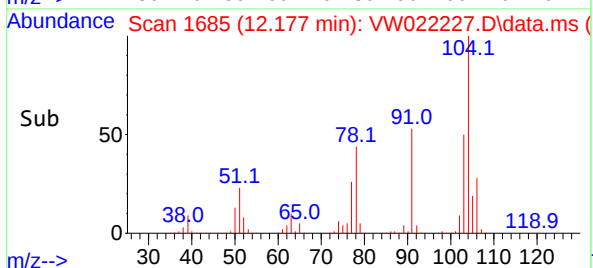
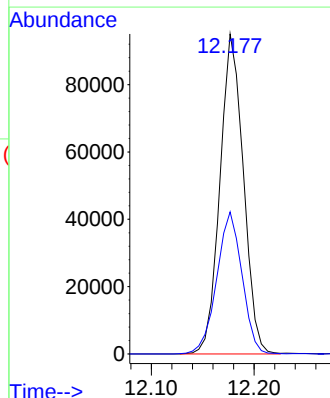
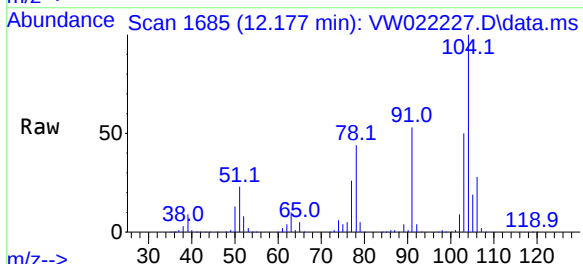
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

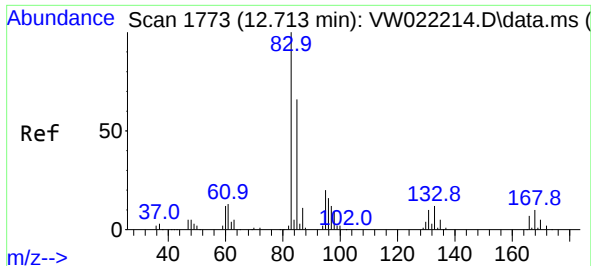
Tgt Ion:106 Resp: 86505
Ion Ratio Lower Upper
106 100
91 203.3 136.9 254.3



#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

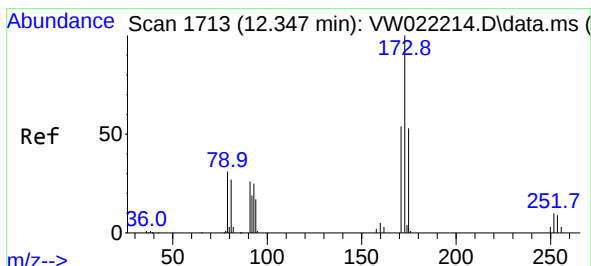
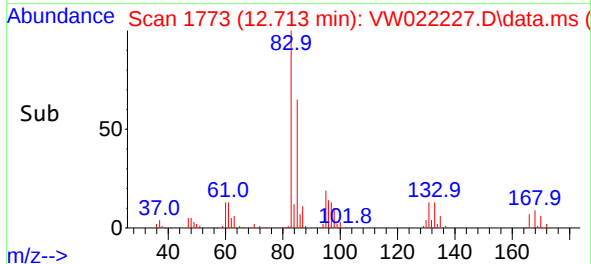
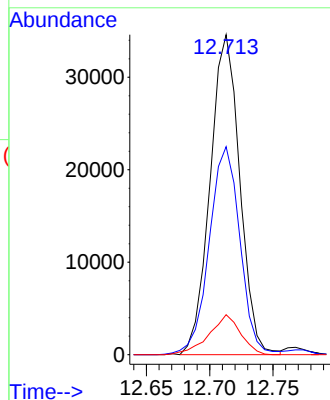
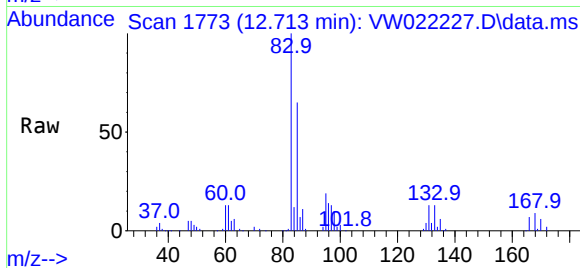




#57
1,1,2-Tetrachloroethane
Concen: 41.744 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

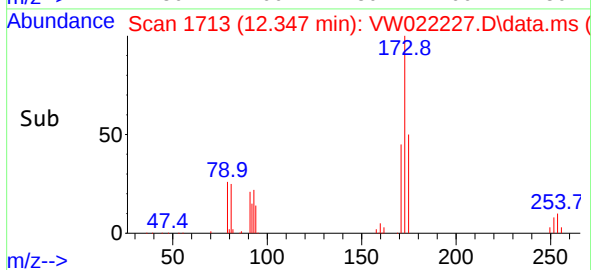
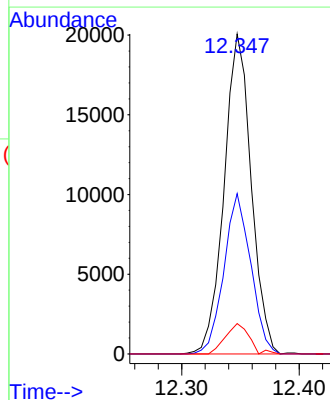
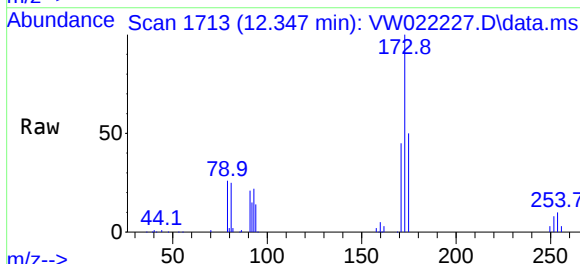
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

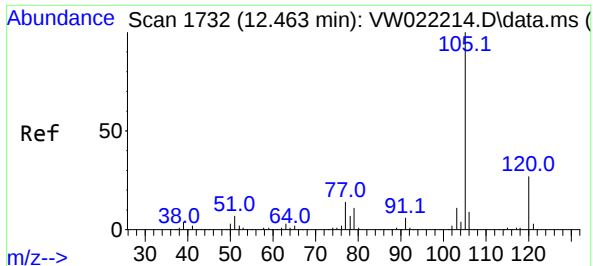
Tgt Ion:	83	Resp:	56545
Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.2	82.0
131	12.5	9.4	14.0



#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#

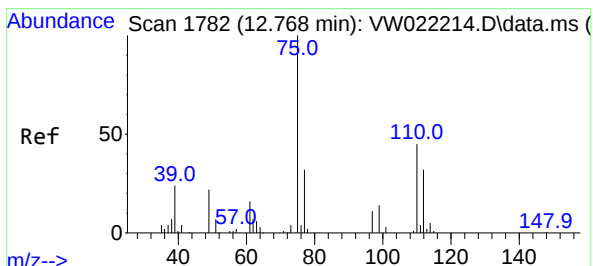
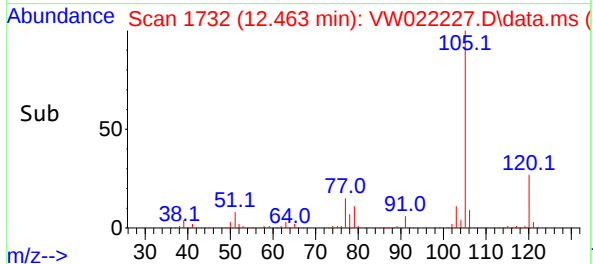
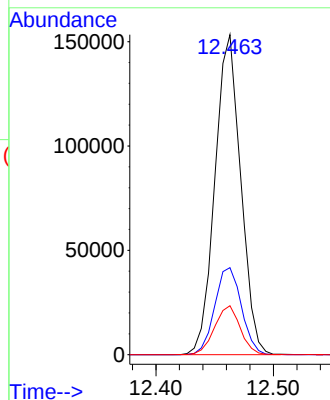
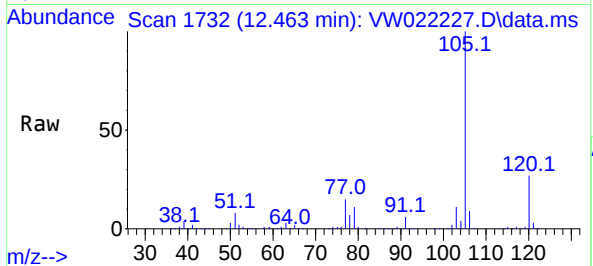




#60
Isopropylbenzene
Concen: 27.390 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

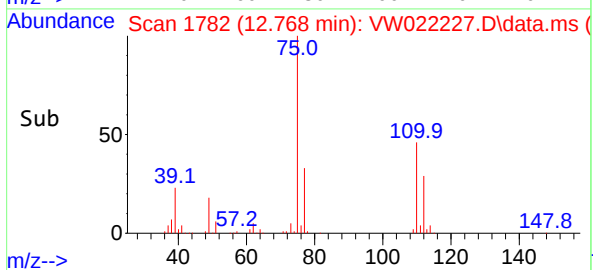
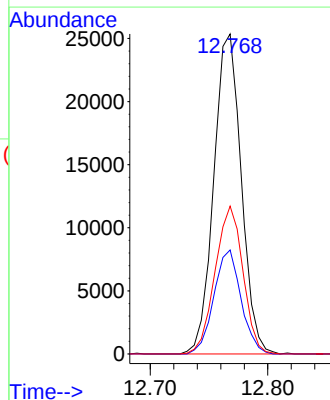
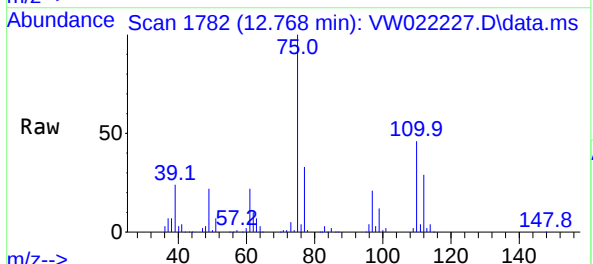
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

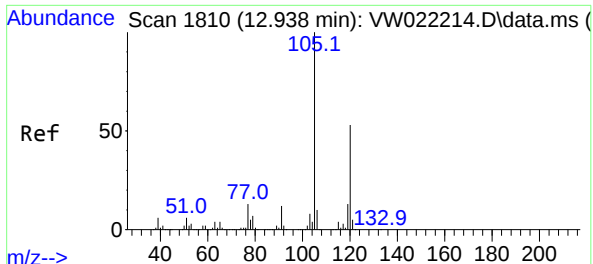
Tgt Ion:105 Resp: 233942
Ion Ratio Lower Upper
105 100
120 28.2 22.1 33.1
77 15.3 12.0 18.0



#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 :

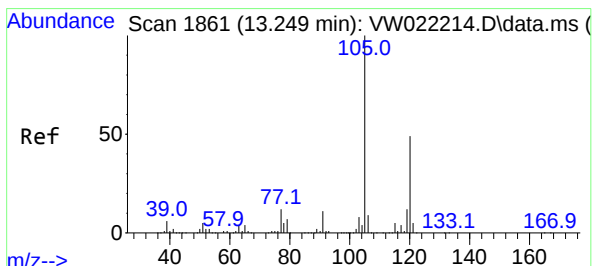
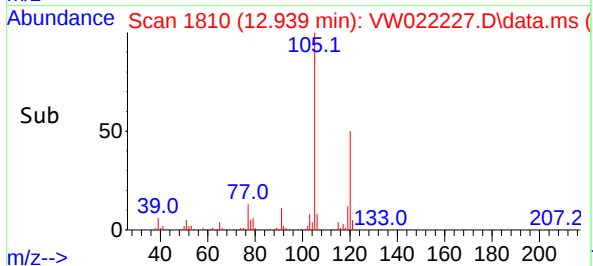
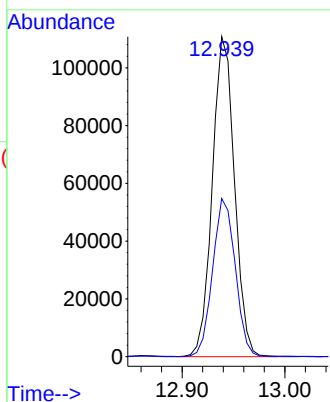
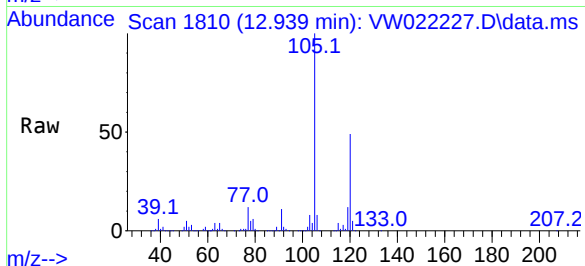
DBSD4MSD

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

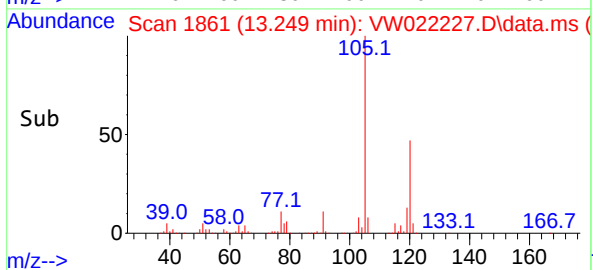
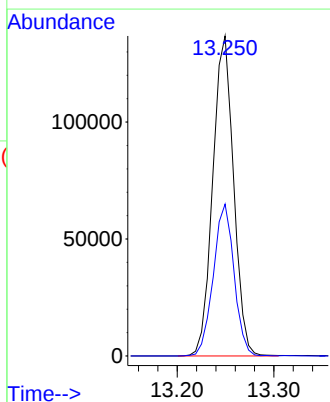
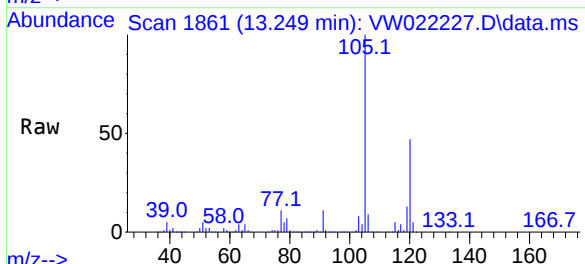
Acq: 08 Mar 2022 14:49

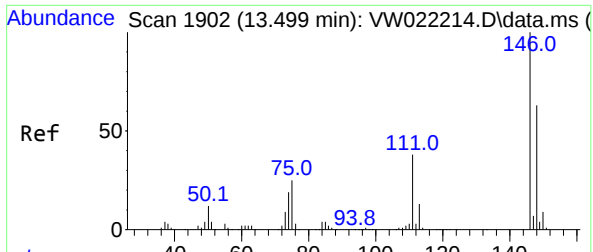
Tgt Ion:105 Resp: 204029

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 :

DBSD4MSD

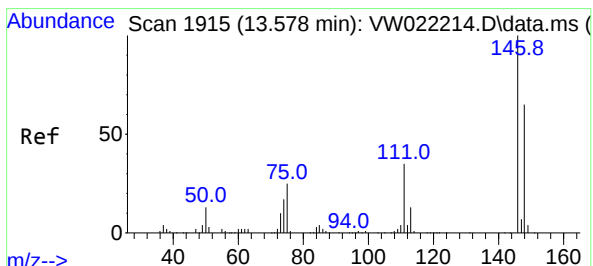
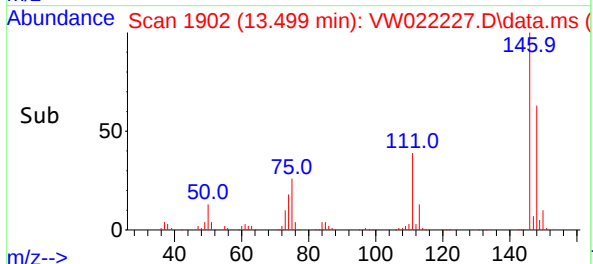
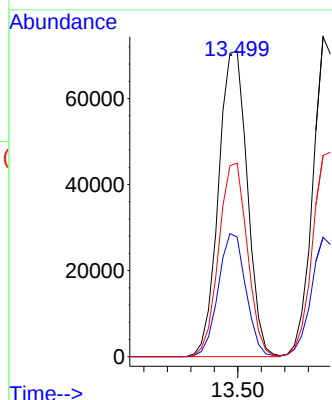
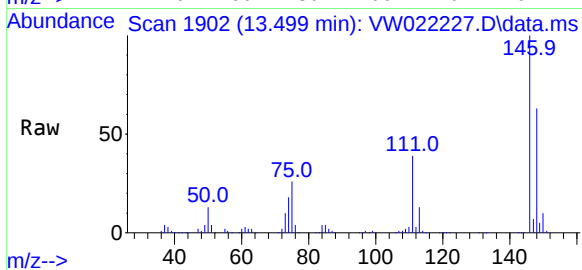
Tgt Ion:146 Resp: 120863

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

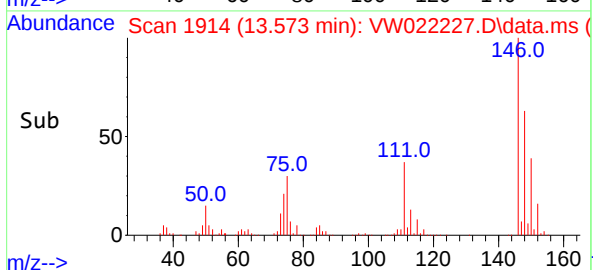
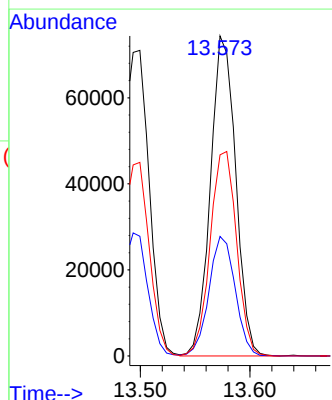
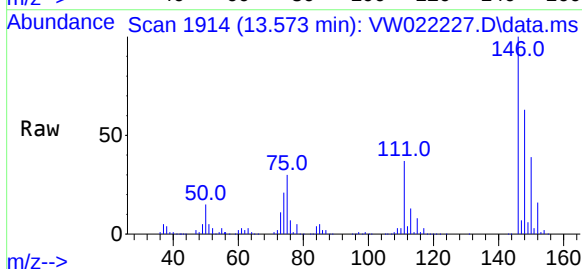
Tgt Ion:146 Resp: 119318

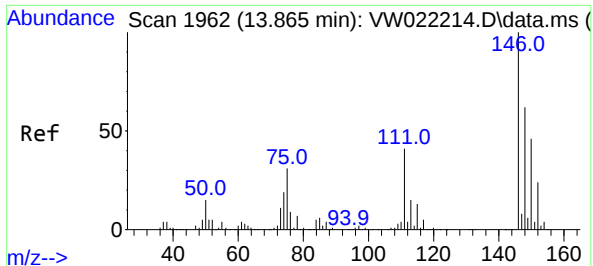
Ion Ratio Lower Upper

146 100

111 37.3 27.5 51.1

148 62.9 42.9 79.7

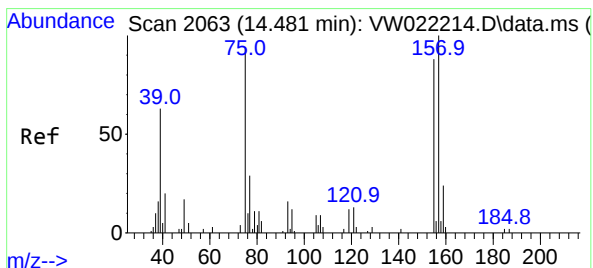
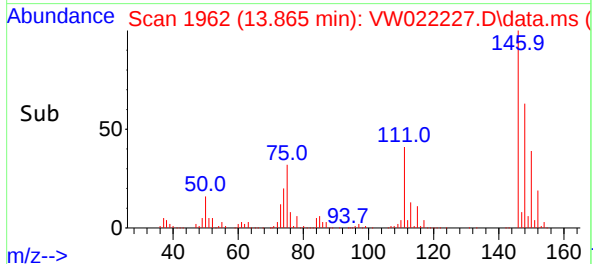
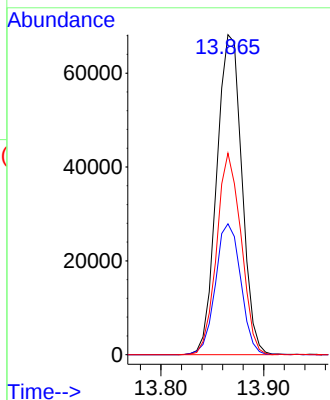
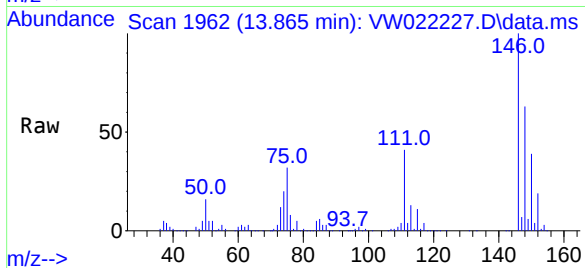




#67
1,2-Dichlorobenzene
Concen: 30.767 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

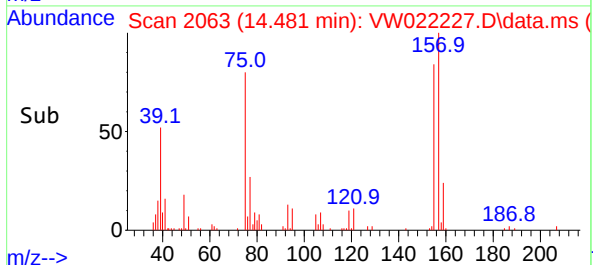
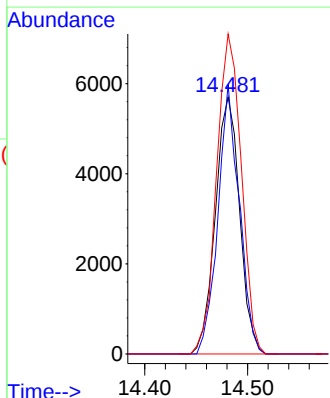
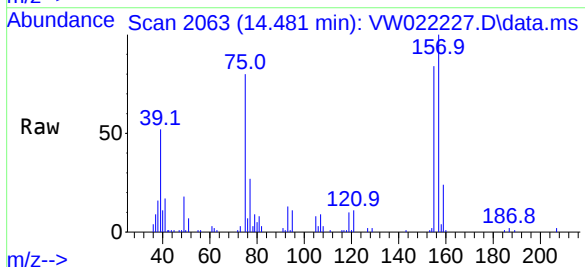
Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

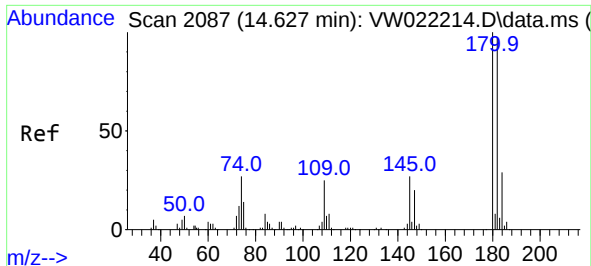
Tgt Ion:146 Resp: 115900
Ion Ratio Lower Upper
146 100
111 40.9 34.8 52.2
148 63.0 50.4 75.6



#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 :

DBSD4MSD

Tgt Ion:180 Resp: 85345

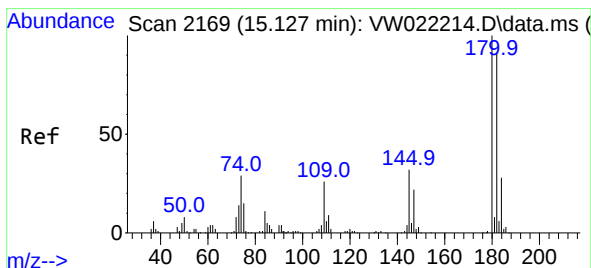
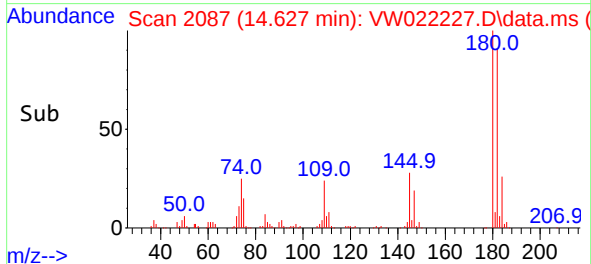
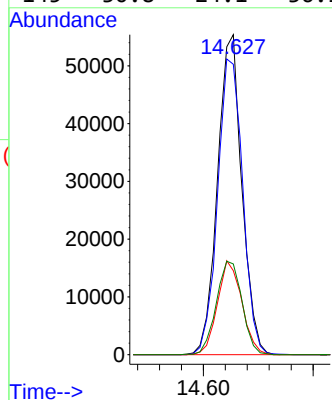
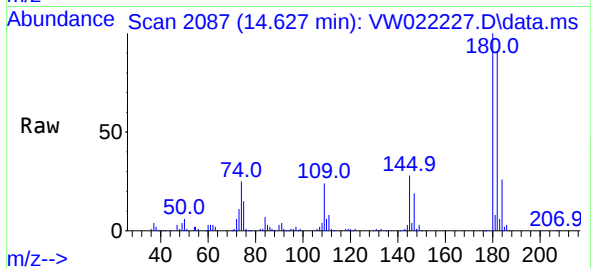
Ion Ratio Lower Upper

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

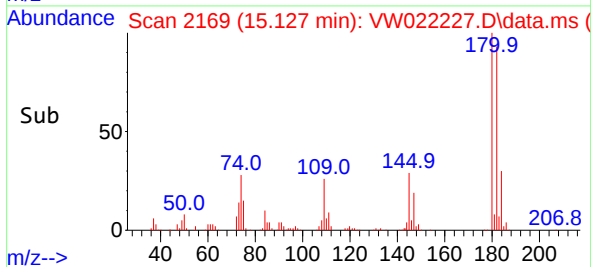
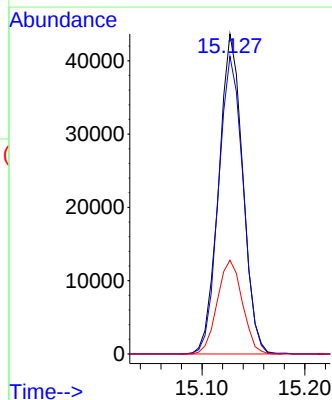
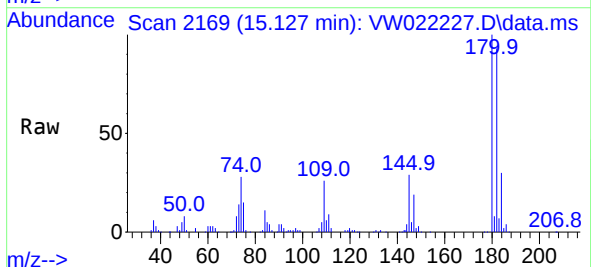
Tgt Ion:180 Resp: 70971

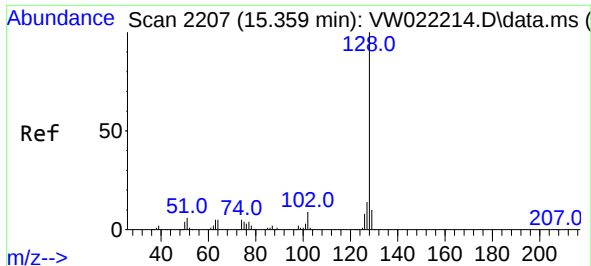
Ion Ratio Lower Upper

180 100

182 94.6 77.8 116.6

145 30.4 25.8 38.6

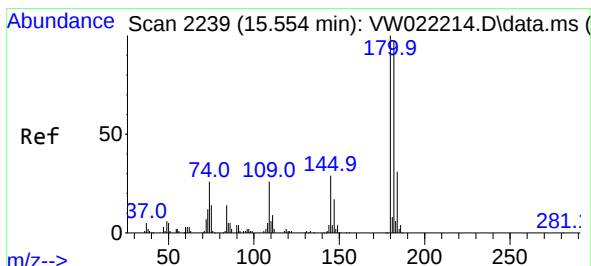
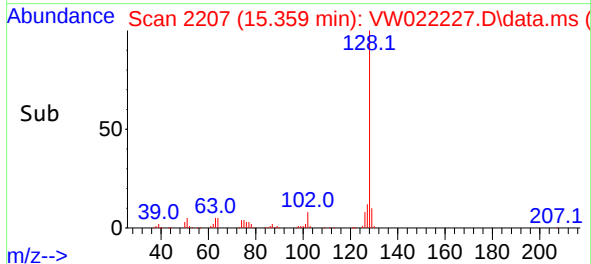
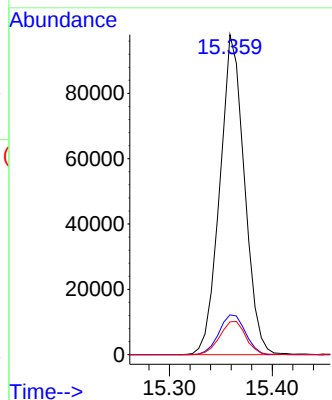
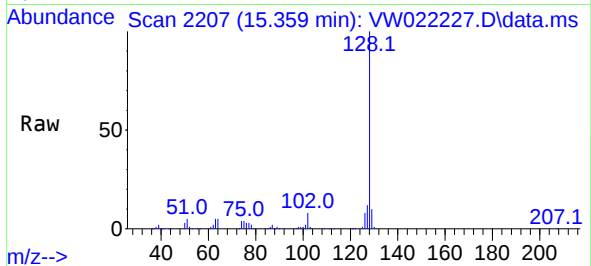




#71
Naphthalene
Concen: 40.061 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022227.D
Acq: 08 Mar 2022 14:49

Instrument :
MSVOA_W
ClientSampleId :
DBSD4MSD

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

