

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023283.D
 Acq On : 24 May 2022 19:36
 Operator : SY/VA
 Sample : N2976-03MSD
 Misc : 4.83g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXY22MSD

Quant Time: May 25 00:57:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 25 00:48:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	365831	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	346968	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	163756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	148088	19.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.920%
7) Chloroethane-d5	2.885	69	115608	23.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	4.019	63	194052	20.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.040%
21) 2-Butanone-d5	7.079	46	52658	36.900	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.800%
24) Chloroform-d	7.646	84	276562	25.804	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	8.305	65	160478	27.300	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.200%
32) Benzene-d6	8.274	84	500168	25.010	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.040%
36) 1,2-Dichloropropane-d6	9.274	67	154932	27.579	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.320%
41) Toluene-d8	10.323	98	447626	23.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.680%
43) trans-1,3-Dichloroprop...	10.579	79	65064	25.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.600%
47) 2-Hexanone-d5	10.926	63	38302	35.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.440%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	157122	30.007	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.040%#
66) 1,2-Dichlorobenzene-d4	13.853	152	153009	26.729	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	52161	26.155	ug/L	99
3) Chloromethane	2.214	50	120337	31.226	ug/L	100
5) Vinyl chloride	2.361	62	178367	23.063	ug/L	96
6) Bromomethane	2.775	94	94913	19.114	ug/L	94
8) Chloroethane	2.915	64	99194	26.592	ug/L	95
9) Trichlorofluoromethane	3.257	101	63379	17.930	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	115134	21.783	ug/L	97
12) 1,1-Dichloroethene	4.043	96	103469	22.083	ug/L	88
13) Acetone	4.123	43	50477	47.245	ug/L	65
14) Carbon disulfide	4.385	76	273479	21.290	ug/L	99
15) Methyl Acetate	4.665	43	50197	23.386	ug/L	98
16) Methylene chloride	4.915	84	133511	24.941	ug/L	99
17) trans-1,2-Dichloroethene	5.427	96	124297	23.573	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	225969	28.074	ug/L	99
19) 1,1-Dichloroethane	6.214	63	232021	25.963	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	146152	25.806	ug/L #	96
22) 2-Butanone	7.171	43	71151	47.619	ug/L	99
23) Bromochloromethane	7.512	128	70904	26.733	ug/L	96
25) Chloroform	7.677	83	259146	26.225	ug/L	98

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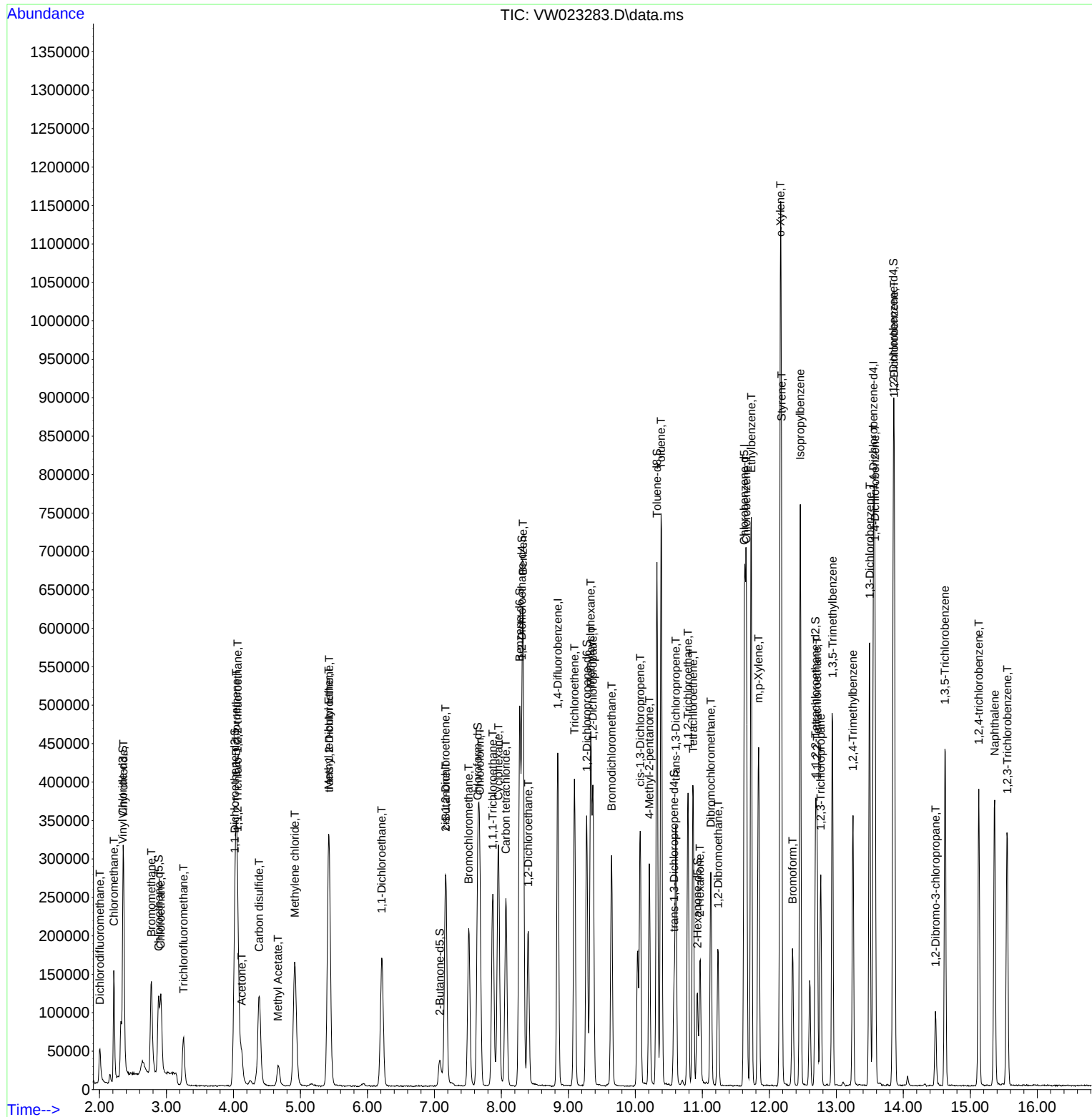
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	180430	27.392	ug/L	99
29) Cyclohexane	7.957	56	167195	22.281	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	203824	24.858	ug/L	99
31) Carbon tetrachloride	8.067	117	179058	23.345	ug/L	98
33) Benzene	8.323	78	526740	25.770	ug/L	100
34) Trichloroethene	9.091	95	132864	23.636	ug/L	98
35) Methylcyclohexane	9.335	83	185685	20.108	ug/L	97
37) 1,2-Dichloropropane	9.366	63	133560	27.001	ug/L #	96
38) Bromodichloromethane	9.646	83	193890	27.597	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	192073	25.043	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	172275	55.257	ug/L	99
42) Toluene	10.384	91	542336	23.676	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	174685	25.517	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	115574	27.950	ug/L	98
46) Tetrachloroethene	10.865	164	80778	19.122	ug/L	87
48) 2-Hexanone	10.963	43	111703	53.623	ug/L	91
49) Dibromochloromethane	11.127	129	143825	28.899	ug/L	92
50) 1,2-Dibromoethane	11.237	107	114664	27.616	ug/L	94
51) Chlorobenzene	11.658	112	352589	23.348	ug/L	99
52) Ethylbenzene	11.731	91	522369	20.497	ug/L	97
53) m,p-Xylene	11.841	106	140573	13.999	ug/L	99
54) o-Xylene	12.164	106	216002	22.416	ug/L	95
55) Styrene	12.182	104	338702	20.686	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.712	83	139648	27.039	ug/L	99
59) Bromoform	12.347	173	75481	32.525	ug/L	98
60) Isopropylbenzene	12.463	105	476926	21.259	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	105473	32.235	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	259065	20.757	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	188217	10.043	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	235431	23.505	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	236160	22.827	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	235152	25.656	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.480	75	21973	30.727	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	130249	19.591	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	107216	20.047	ug/L	95
71) Naphthalene	15.364	128	310228	26.688	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	107171	22.610	ug/L	100

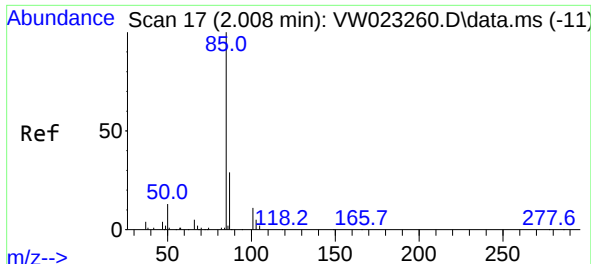
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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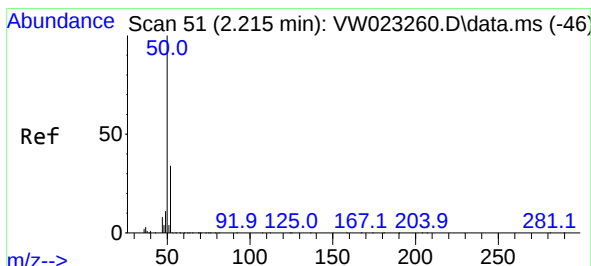
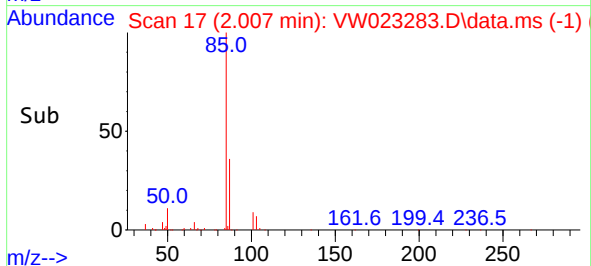
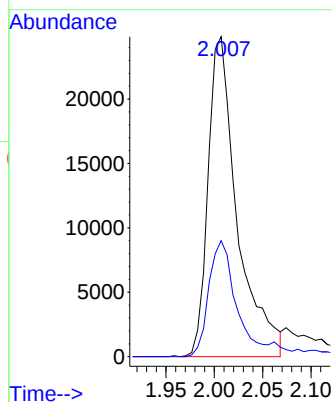
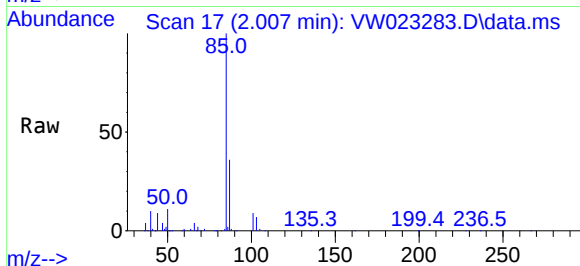




#2
Dichlorodifluoromethane
Concen: 26.155 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

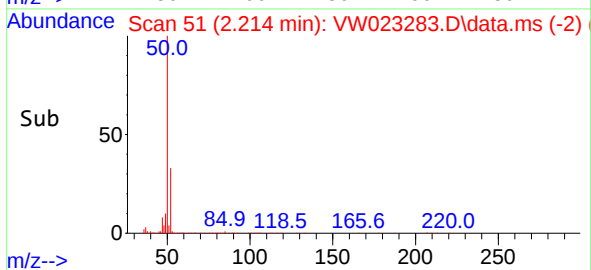
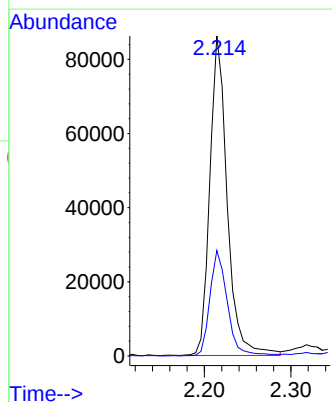
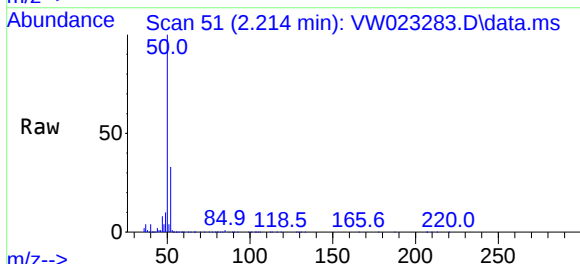
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

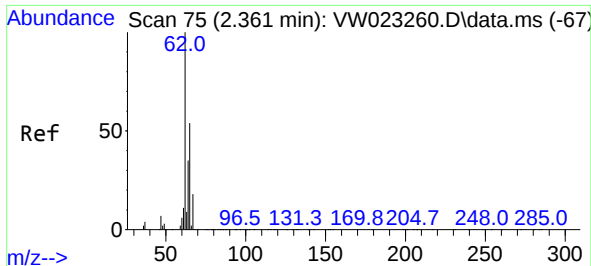
Tgt Ion: 85 Resp: 52161
Ion Ratio Lower Upper
85 100
87 34.1 27.8 41.8



#3
Chloromethane
Concen: 31.226 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 50 Resp: 120337
Ion Ratio Lower Upper
50 100
52 32.9 23.1 42.9

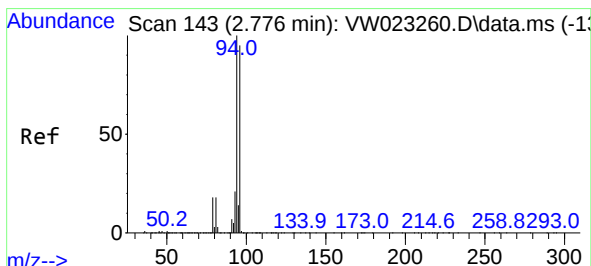
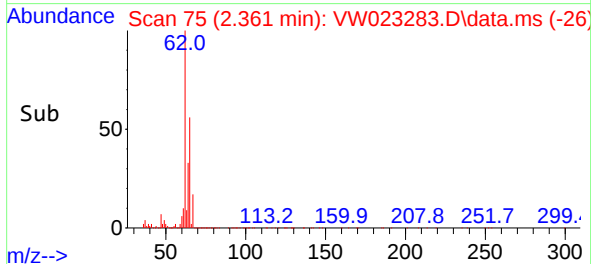
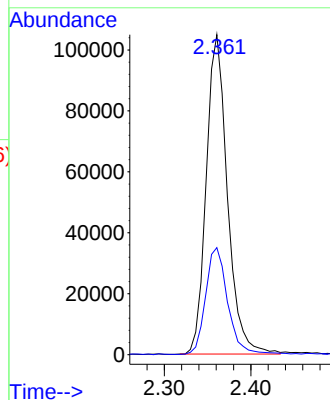
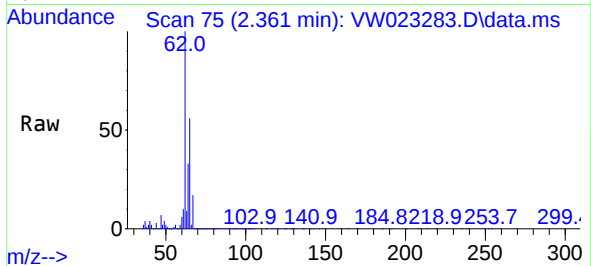




#5
 Vinyl chloride
 Concen: 23.063 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.001 min
 Lab File: VW023283.D
 Acq: 24 May 2022 19:36

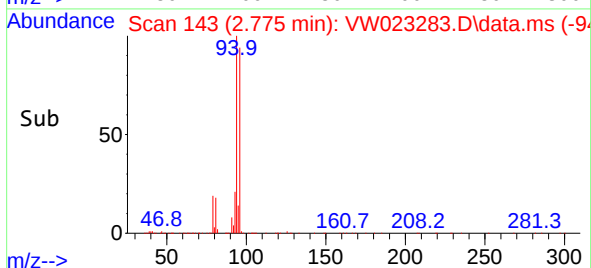
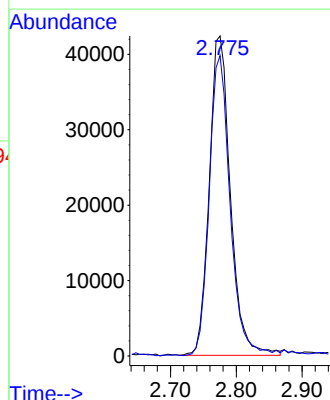
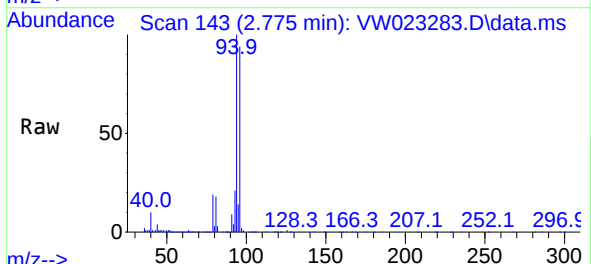
Instrument :
 MSVOA_W
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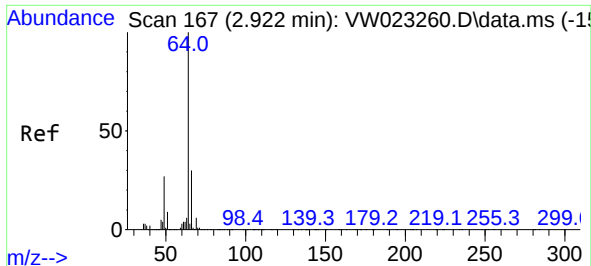
Tgt Ion: 62 Resp: 178367
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.9 46.3



#6
 Bromomethane
 Concen: 19.114 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.001 min
 Lab File: VW023283.D
 Acq: 24 May 2022 19:36

Tgt Ion: 94 Resp: 94913
 Ion Ratio Lower Upper
 94 100
 96 93.8 61.7 114.5

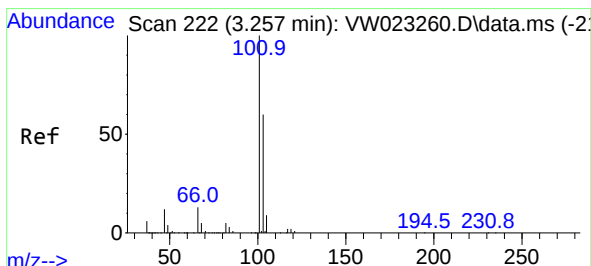
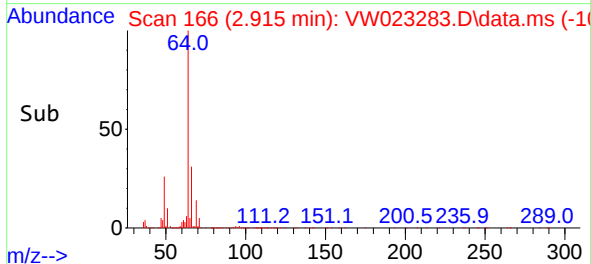
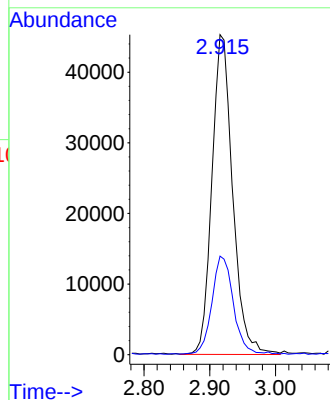
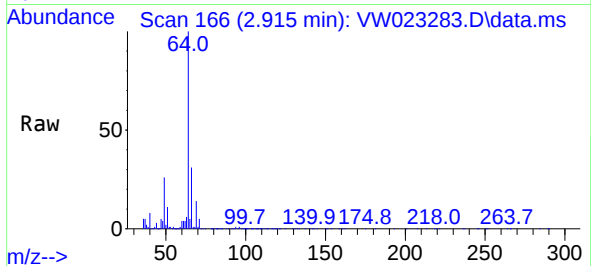




#8
Chloroethane
Concen: 26.592 ug/L
RT: 2.915 min Scan# 166
Delta R.T. -0.007 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

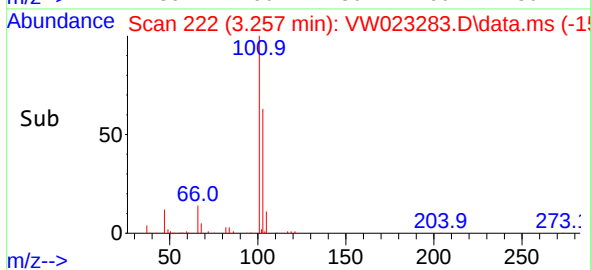
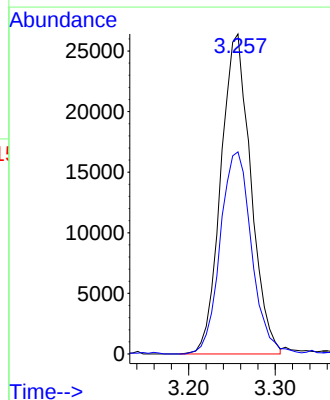
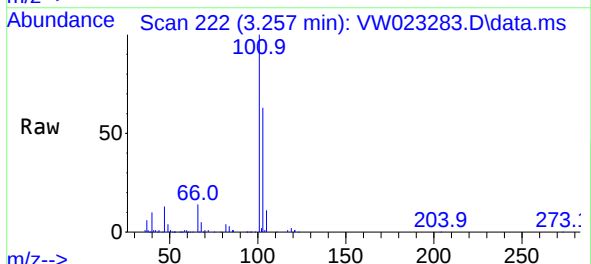
Instrument :
MSVOA_W
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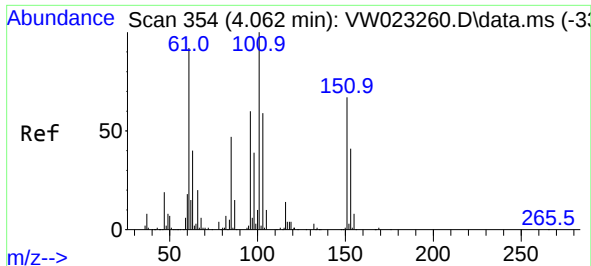
Tgt Ion: 64 Resp: 99194
Ion Ratio Lower Upper
64 100
66 30.8 23.4 43.6



#9
Trichlorofluoromethane
Concen: 17.930 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 101 Resp: 63379
Ion Ratio Lower Upper
101 100
103 66.1 53.9 80.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 21.783 ug/L

RT: 4.062 min Scan# 310

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

EXY22MSD

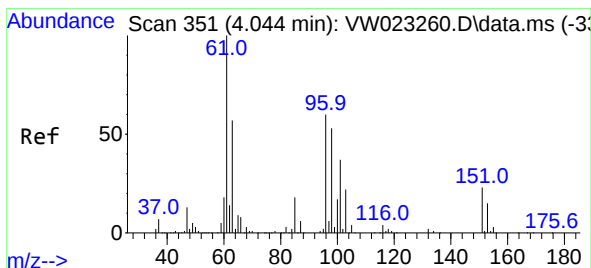
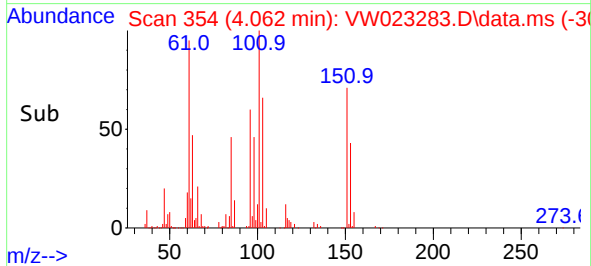
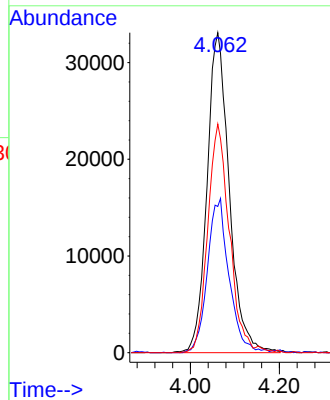
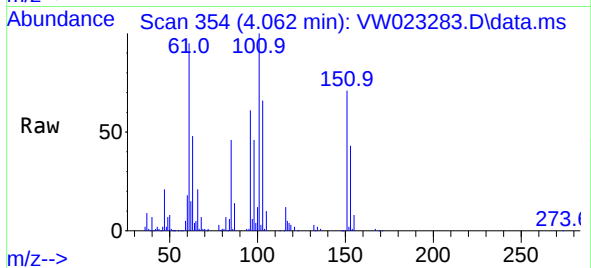
Tgt Ion:101 Resp: 115134

Ion Ratio Lower Upper

101 100

85 46.7 34.3 51.5

151 68.8 54.2 81.2



#12

1,1-Dichloroethene

Concen: 22.083 ug/L

RT: 4.043 min Scan# 351

Delta R.T. -0.001 min

Lab File: VW023283.D

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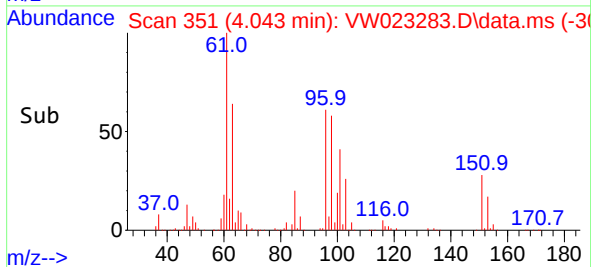
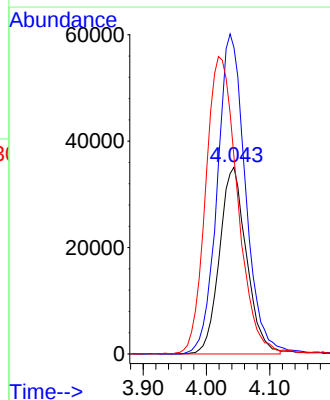
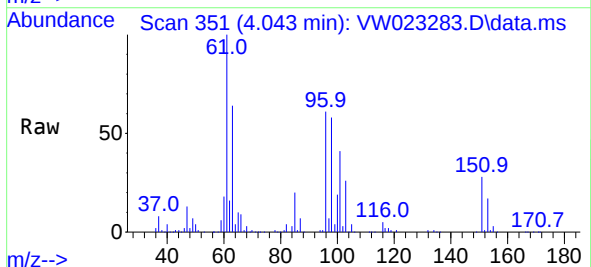
Tgt Ion: 96 Resp: 103469

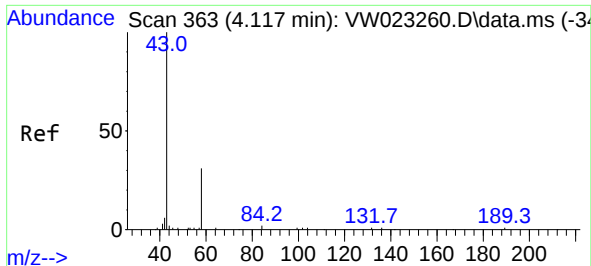
Ion Ratio Lower Upper

96 100

61 164.0 125.7 233.5

63 105.4 83.4 155.0

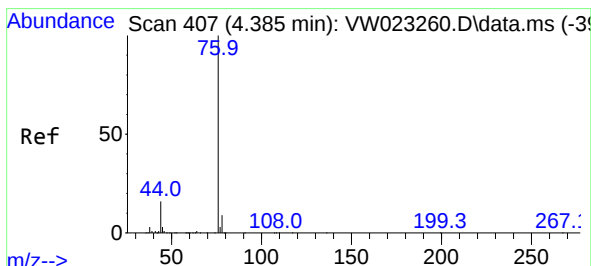
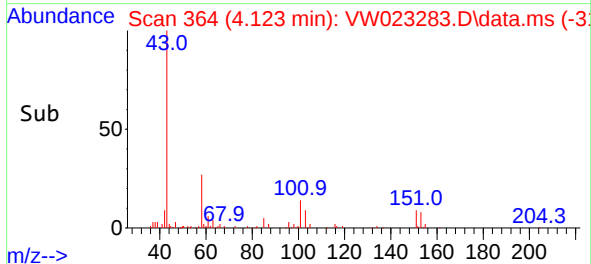
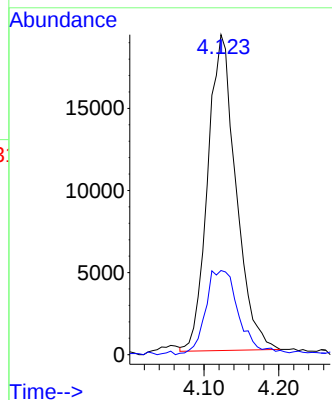
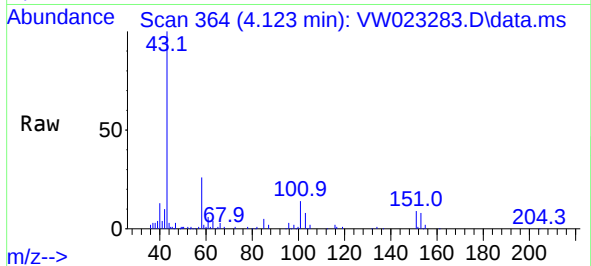




#13
Acetone
Concen: 47.245 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
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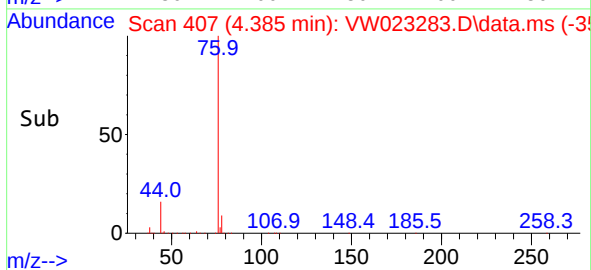
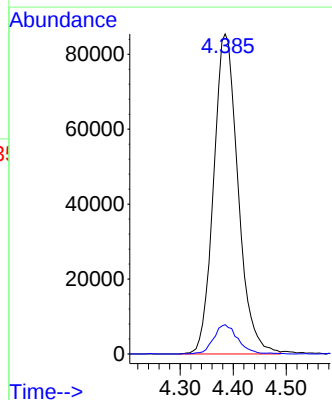
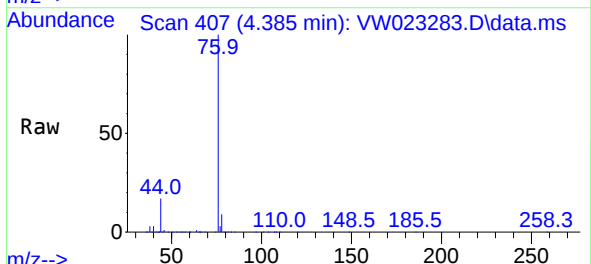
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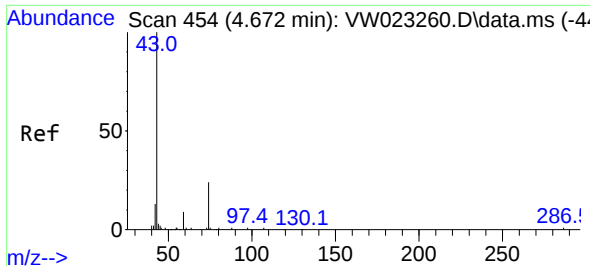
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Ion Ratio Lower Upper
43 100
58 12.4 0.0 64.0



#14
Carbon disulfide
Concen: 21.290 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.001 min
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Tgt Ion: 76 Resp: 273479
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5

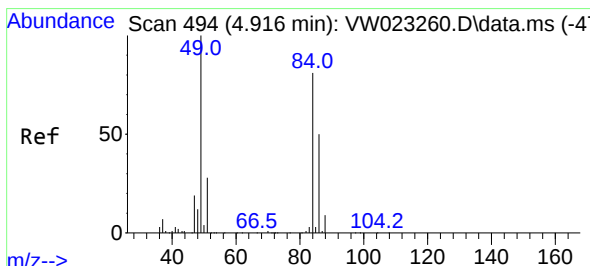
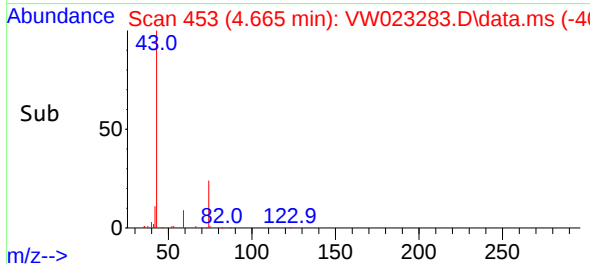
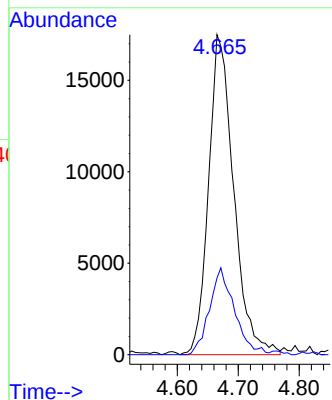
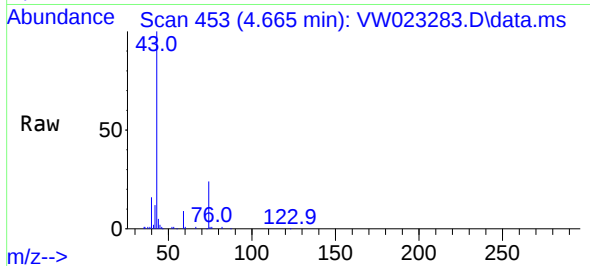




#15
Methyl Acetate
Concen: 23.386 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.007 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

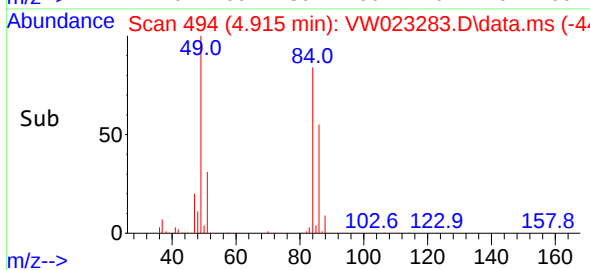
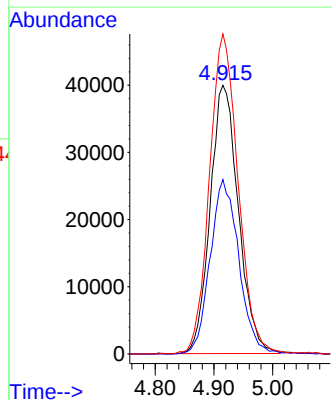
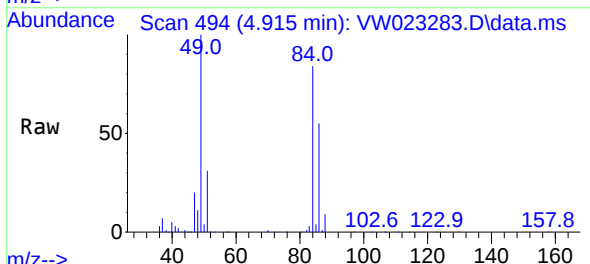
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

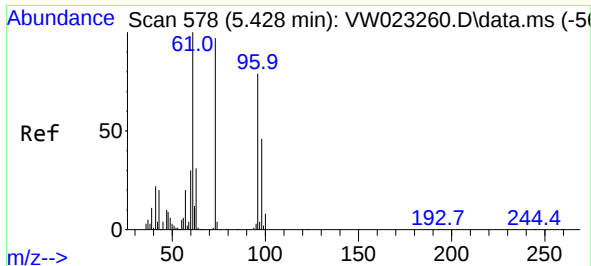
Tgt Ion: 43 Resp: 50197
Ion Ratio Lower Upper
43 100
74 26.2 21.9 32.9



#16
Methylene chloride
Concen: 24.941 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 84 Resp: 133511
Ion Ratio Lower Upper
84 100
86 64.9 45.4 84.4
49 119.1 82.5 153.1

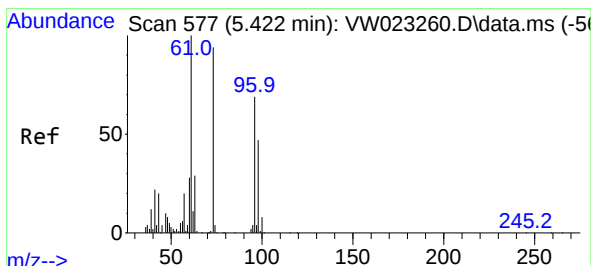
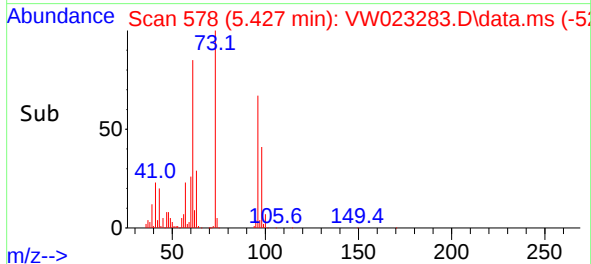
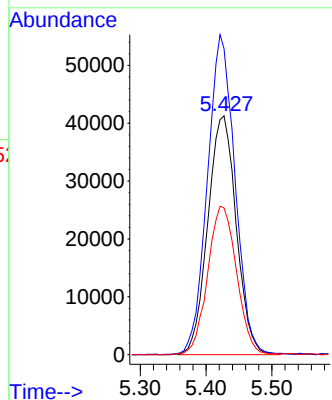
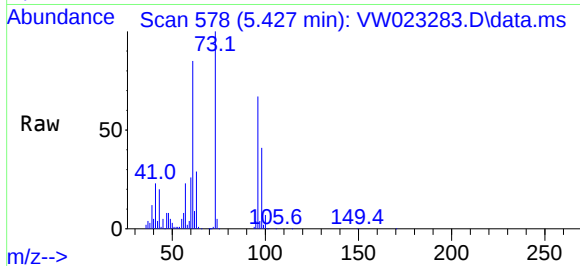




#17
trans-1,2-Dichloroethene
Concen: 23.573 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

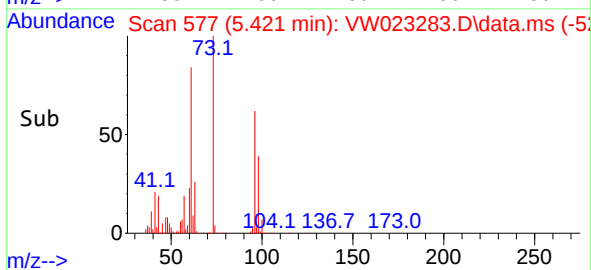
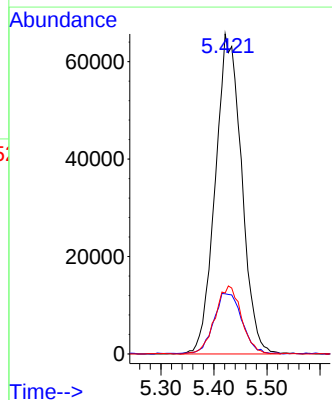
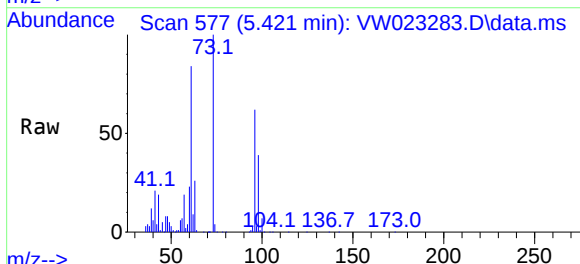
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

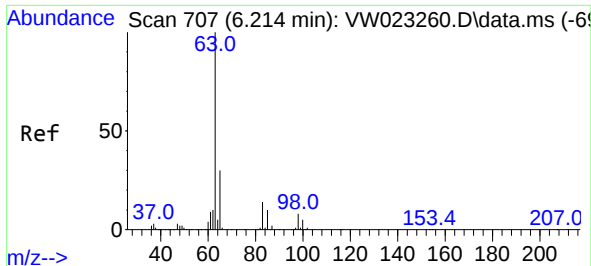
Tgt Ion: 96 Resp: 124297
Ion Ratio Lower Upper
96 100
61 128.1 92.2 171.2
98 61.4 42.9 79.7



#18
Methyl tert-butyl Ether
Concen: 28.074 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 73 Resp: 225969
Ion Ratio Lower Upper
73 100
43 20.0 15.9 23.9
57 21.3 16.5 24.7

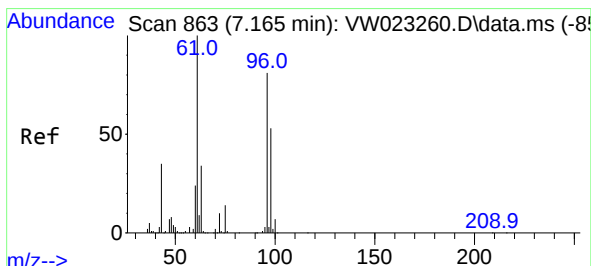
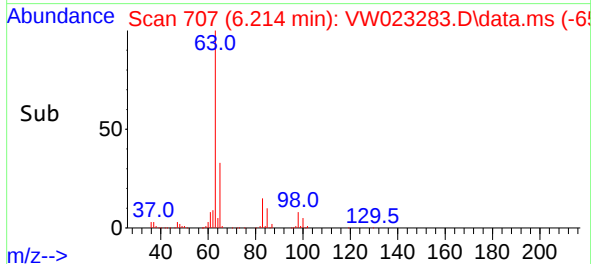
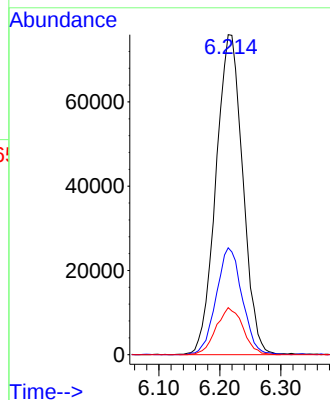
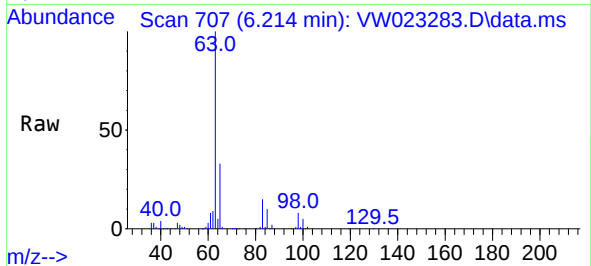




#19
1,1-Dichloroethane
Concen: 25.963 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

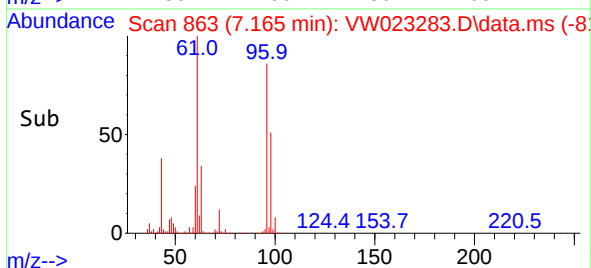
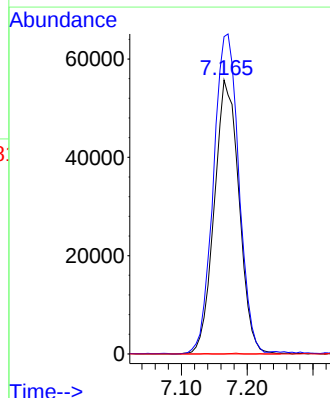
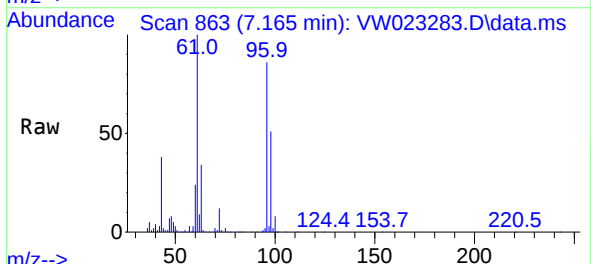
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

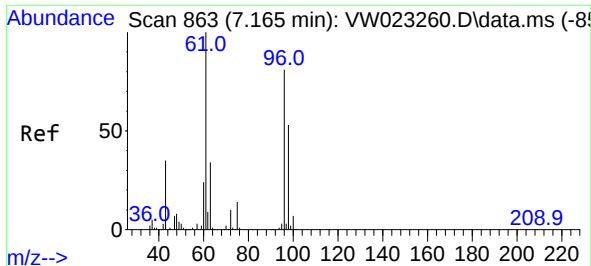
Tgt Ion: 63 Resp: 232021
Ion Ratio Lower Upper
63 100
65 33.4 23.3 43.3
83 14.7 11.1 20.5



#20
cis-1,2-Dichloroethene
Concen: 25.806 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 96 Resp: 146152
Ion Ratio Lower Upper
96 100
61 115.8 84.2 156.4
68 0.0 0.1 0.1#

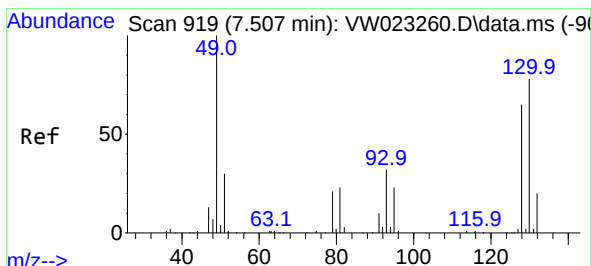
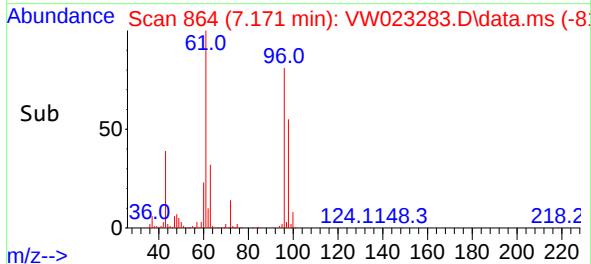
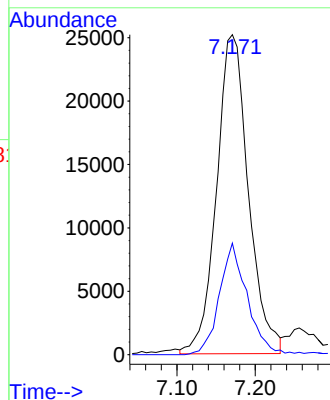
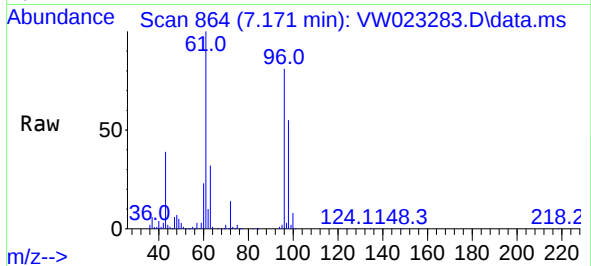




#22
2-Butanone
Concen: 47.619 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

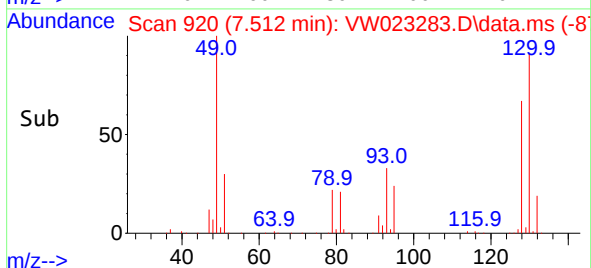
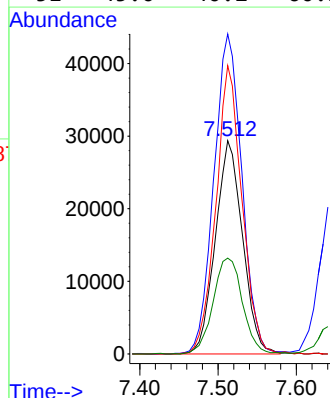
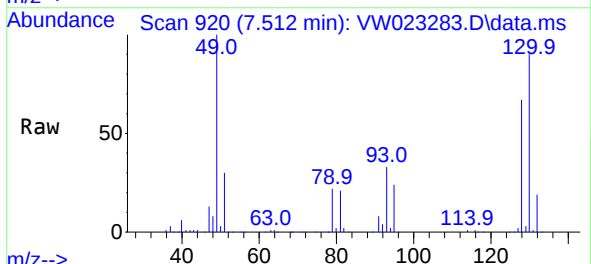
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

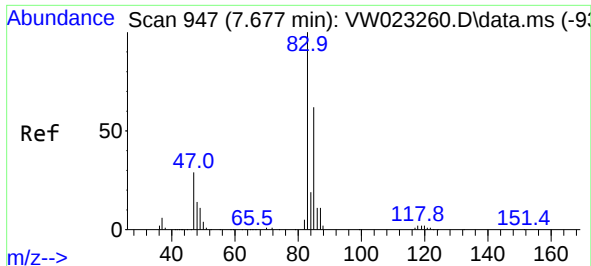
Tgt Ion: 43 Resp: 71151
Ion Ratio Lower Upper
43 100
72 30.6 15.1 45.3



#23
Bromochloromethane
Concen: 26.733 ug/L
RT: 7.512 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 128 Resp: 70904
Ion Ratio Lower Upper
128 100
49 150.0 110.0 204.4
130 135.1 94.8 176.0
51 45.0 40.2 60.2

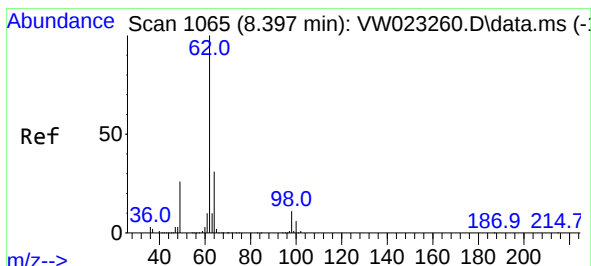
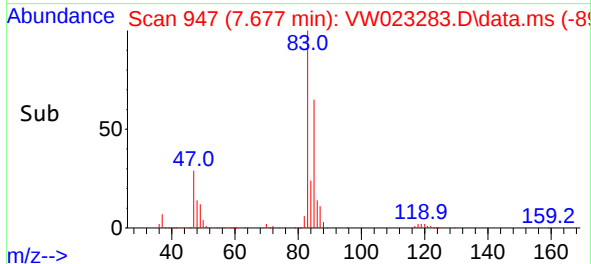
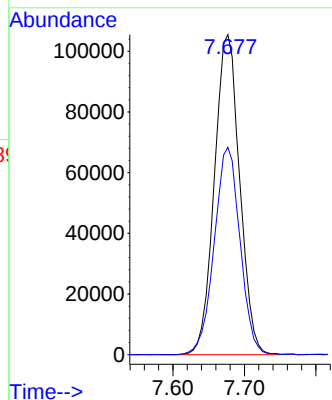
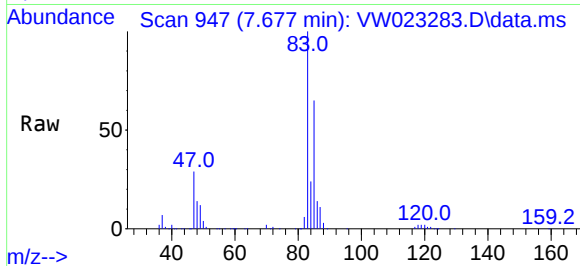




#25
Chloroform
Concen: 26.225 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

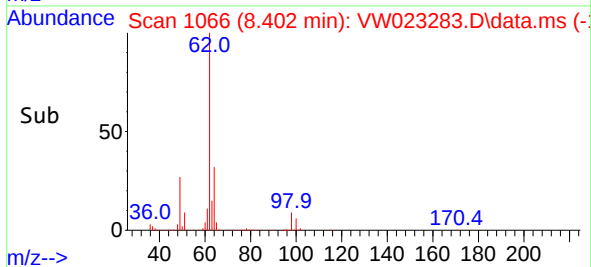
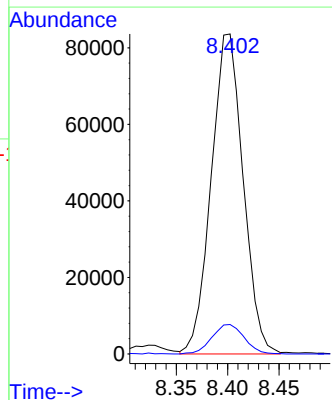
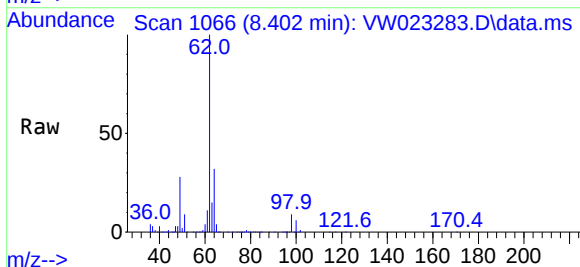
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

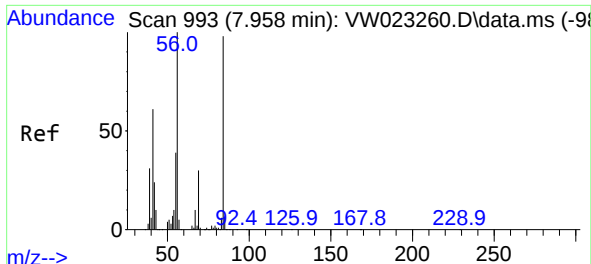
Tgt Ion: 83 Resp: 259146
Ion Ratio Lower Upper
83 100
85 64.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.392 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 62 Resp: 180430
Ion Ratio Lower Upper
62 100
98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 22.281 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

EXY22MSD

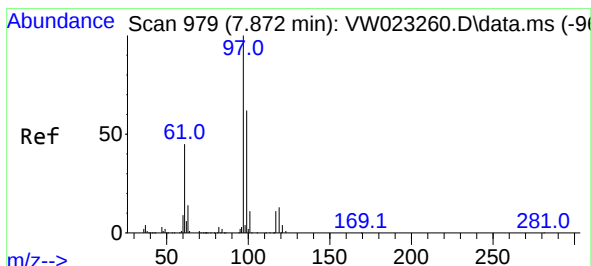
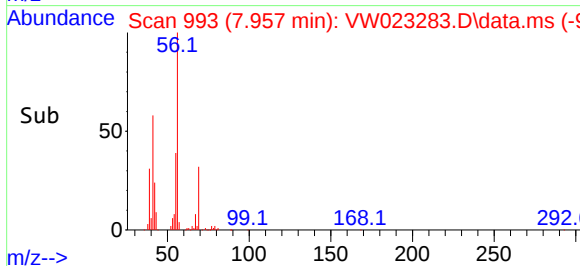
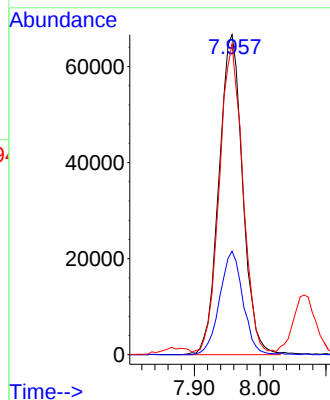
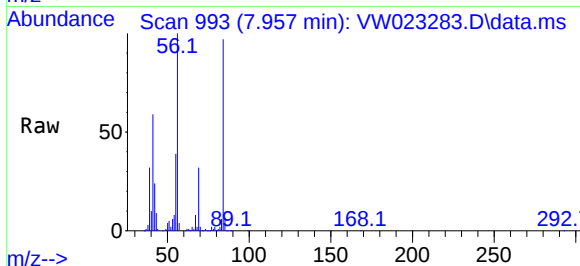
Tgt Ion: 56 Resp: 167195

Ion Ratio Lower Upper

56 100

69 31.7 25.6 38.4

84 96.7 78.2 117.4



#30

1,1,1-Trichloroethane

Concen: 24.858 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

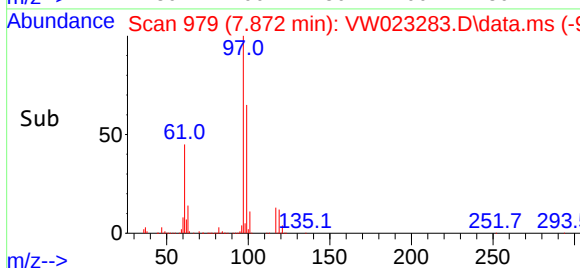
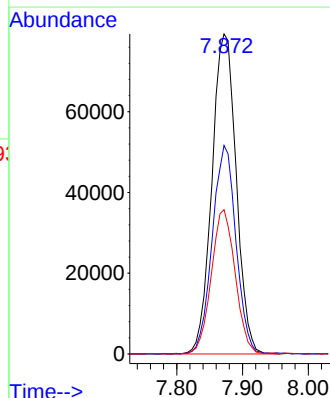
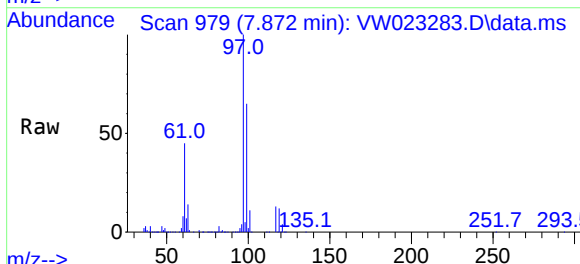
Tgt Ion: 97 Resp: 203824

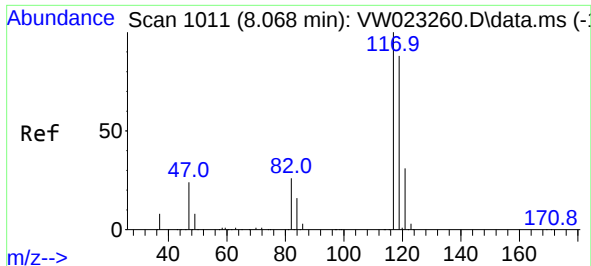
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 44.3 34.8 52.2

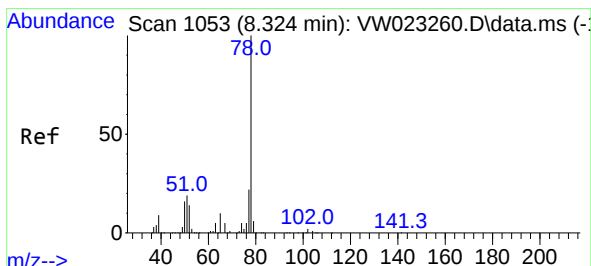
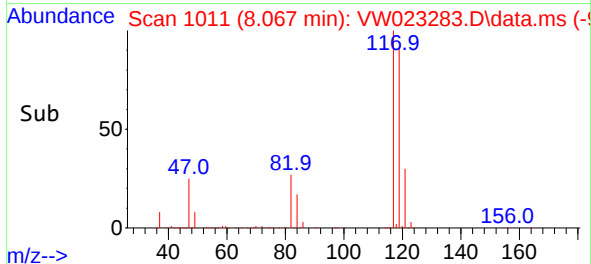
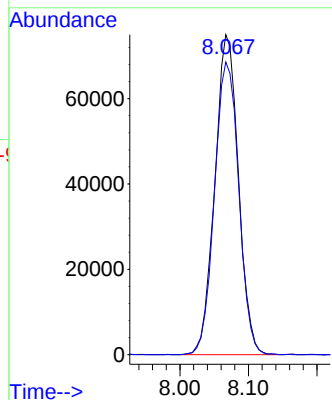
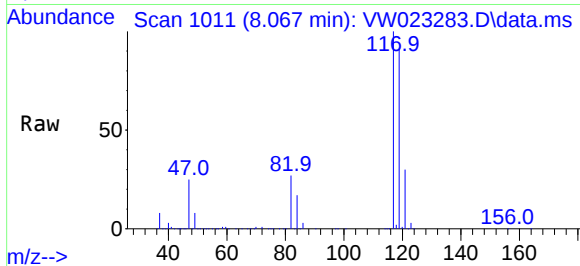




#31
Carbon tetrachloride
Concen: 23.345 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

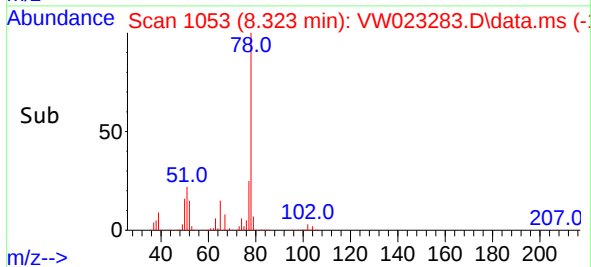
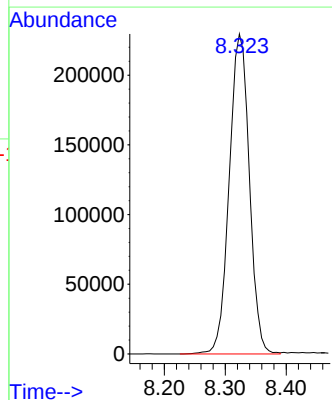
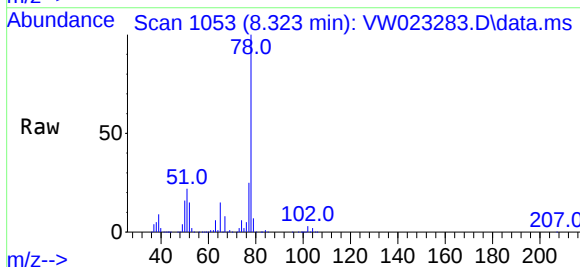
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

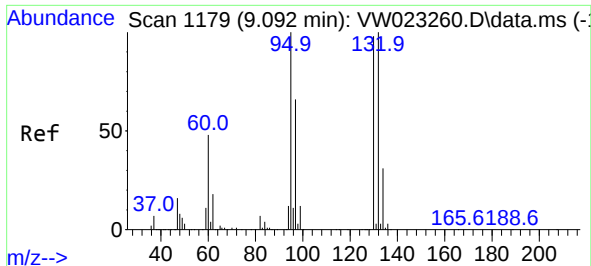
Tgt Ion:117 Resp: 179058
Ion Ratio Lower Upper
117 100
119 94.1 76.6 115.0



#33
Benzene
Concen: 25.770 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 78 Resp: 526740

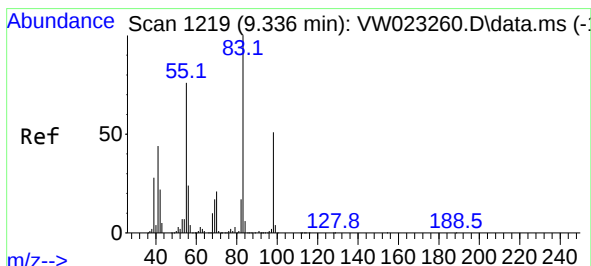
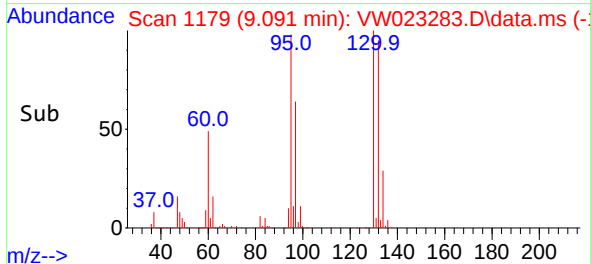
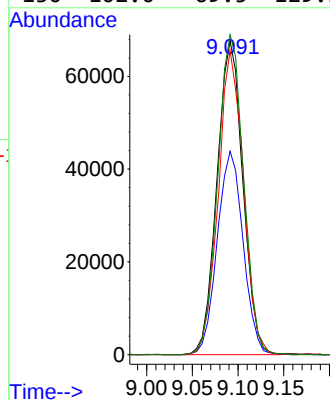
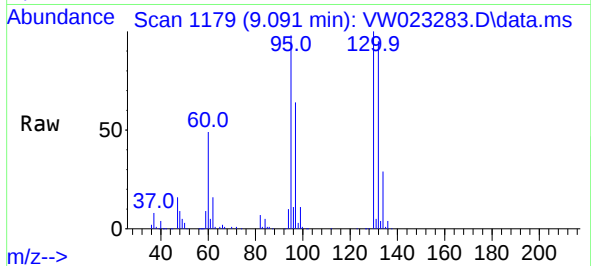




#34
Trichloroethene
Concen: 23.636 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

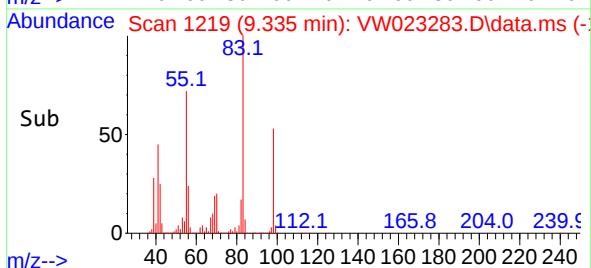
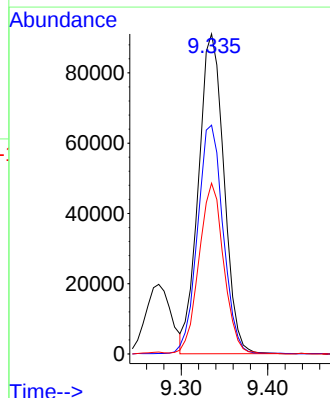
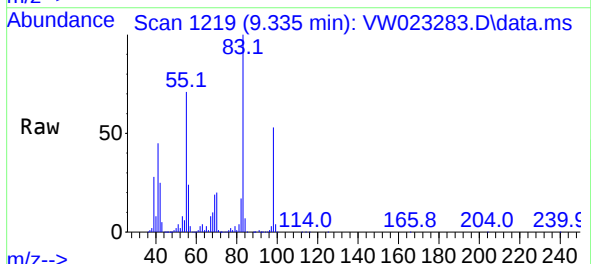
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

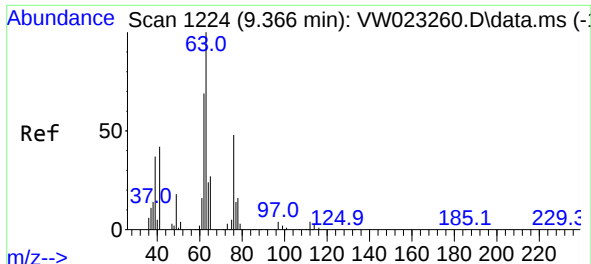
Tgt Ion: 95 Resp: 132864
Ion Ratio Lower Upper
95 100
97 64.8 46.1 85.7
132 96.9 66.9 124.3
130 102.0 69.5 129.1



#35
Methylcyclohexane
Concen: 20.108 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 83 Resp: 185685
Ion Ratio Lower Upper
83 100
55 72.3 55.1 82.7
98 52.1 40.4 60.6





#37

1,2-Dichloropropane

Concen: 27.001 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

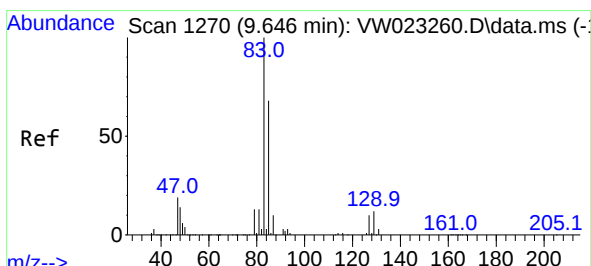
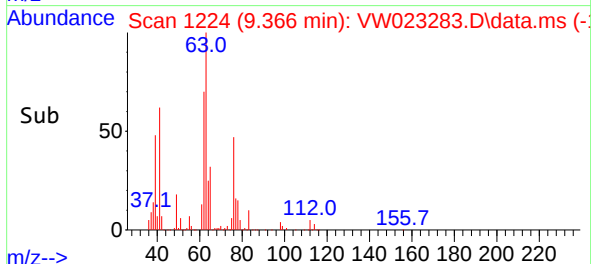
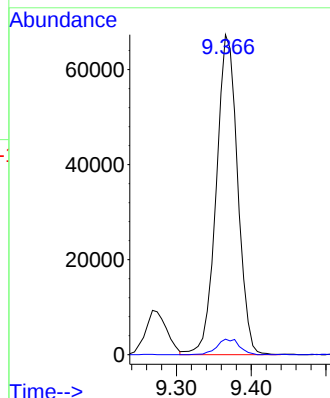
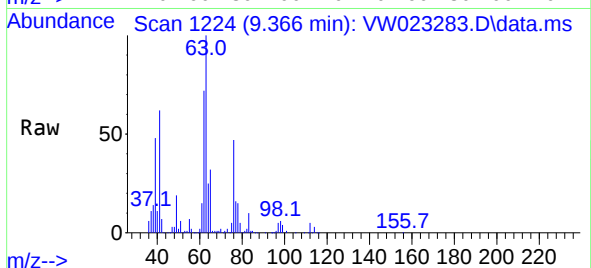
EXY22MSD

Tgt Ion: 63 Resp: 133560

Ion Ratio Lower Upper

63 100

112 3.3 3.8 5.8#



#38

Bromodichloromethane

Concen: 27.597 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

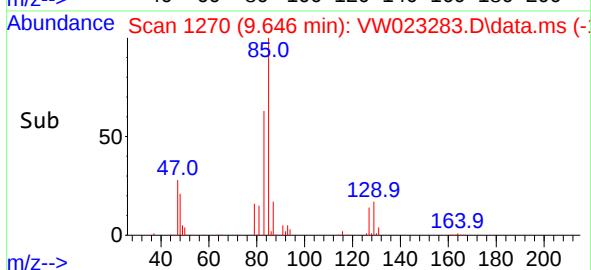
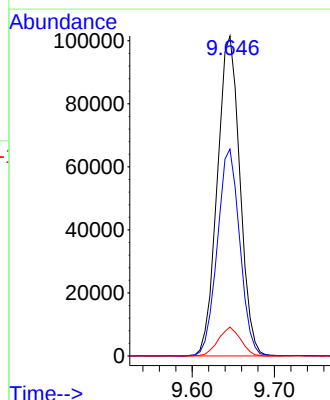
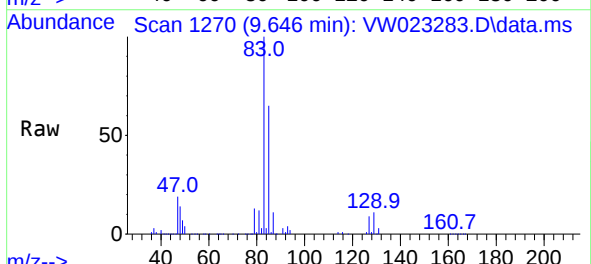
Tgt Ion: 83 Resp: 193890

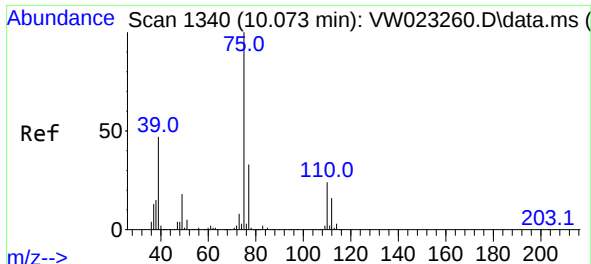
Ion Ratio Lower Upper

83 100

85 64.6 43.5 80.7

127 9.1 7.1 10.7

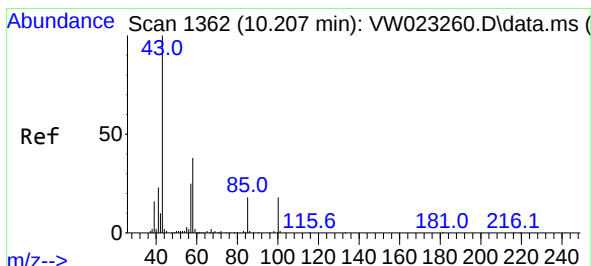
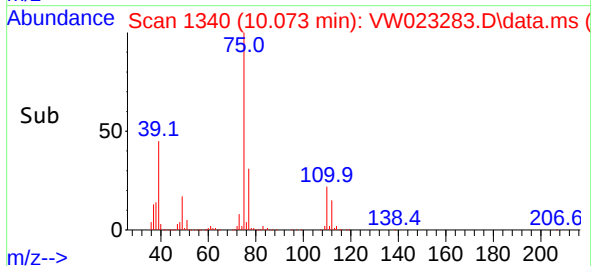
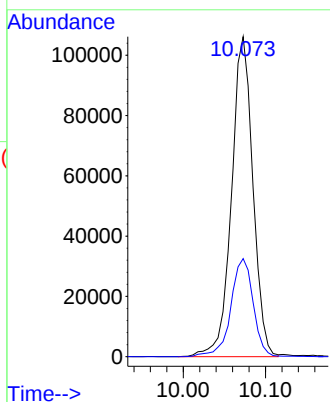
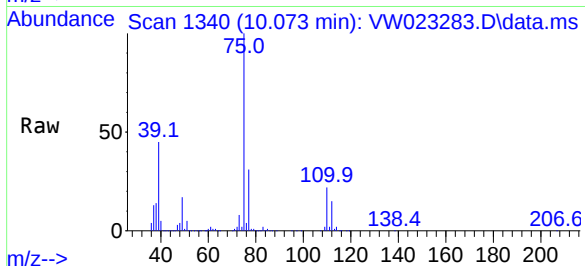




#39
cis-1,3-Dichloropropene
Concen: 25.043 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

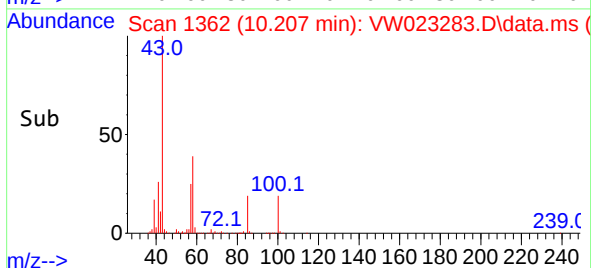
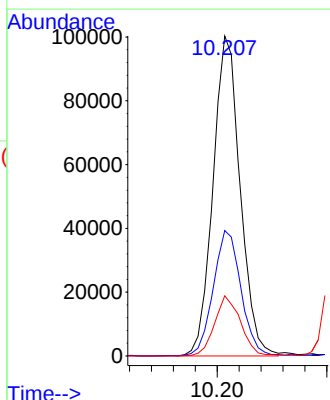
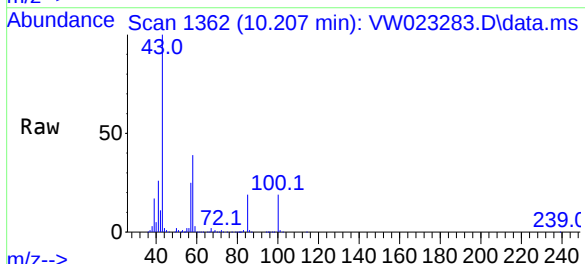
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

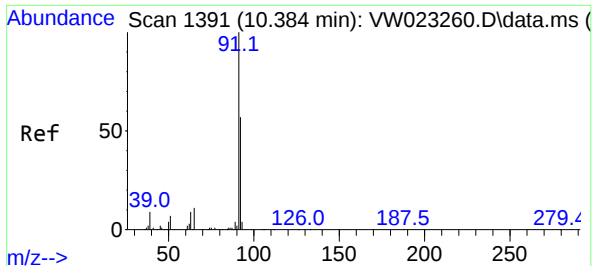
Tgt Ion: 75 Resp: 192073
Ion Ratio Lower Upper
75 100
77 30.7 22.1 41.1



#40
4-Methyl-2-pentanone
Concen: 55.257 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 43 Resp: 172275
Ion Ratio Lower Upper
43 100
58 40.1 31.4 47.2
100 18.2 14.2 21.4

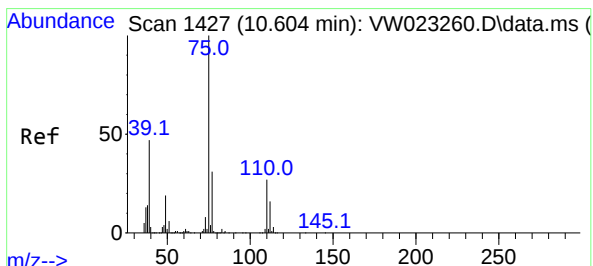
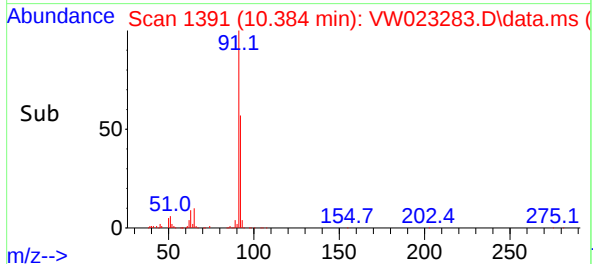
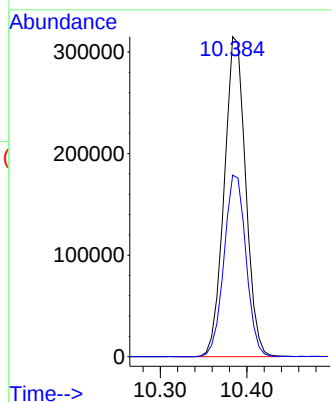
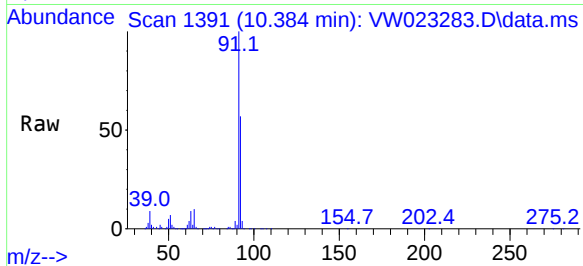




#42
Toluene
Concen: 23.676 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

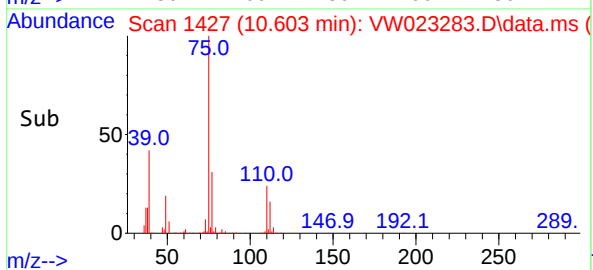
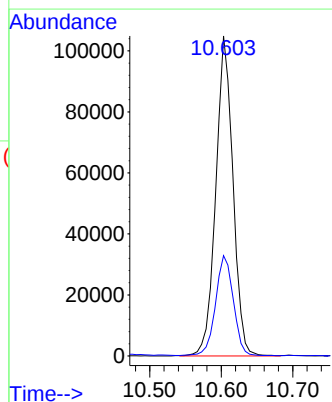
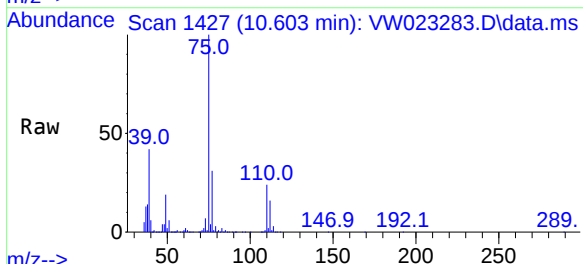
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

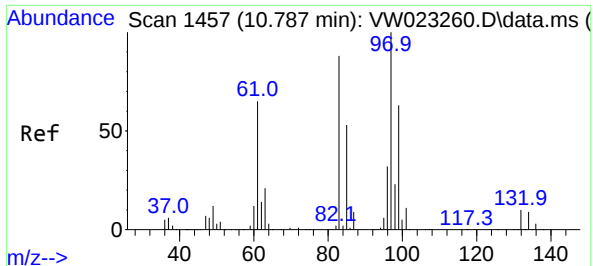
Tgt Ion: 91 Resp: 542336
Ion Ratio Lower Upper
91 100
92 56.8 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.517 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 75 Resp: 174685
Ion Ratio Lower Upper
75 100
77 31.3 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 27.950 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

EXY22MSD

Tgt Ion: 97 Resp: 115574

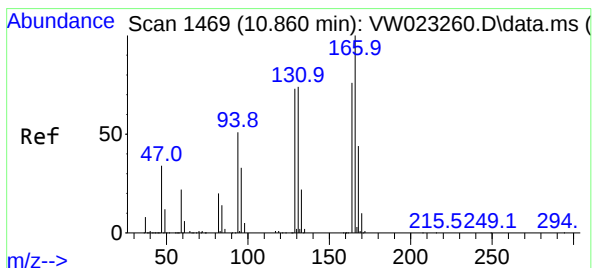
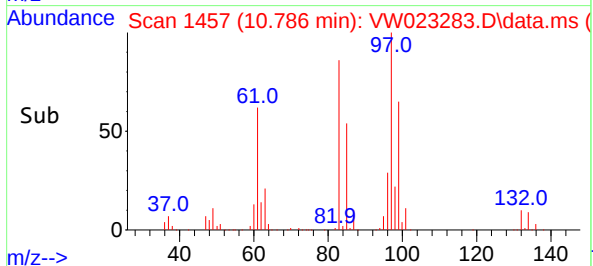
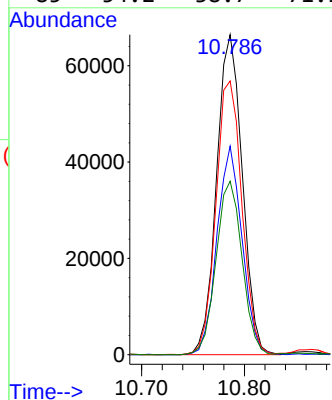
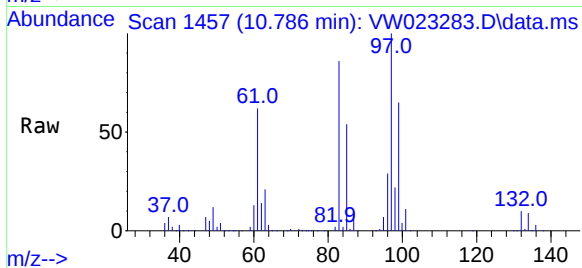
Ion Ratio Lower Upper

97 100

99 65.1 44.7 82.9

83 85.5 58.4 108.4

85 54.2 38.7 71.9



#46

Tetrachloroethene

Concen: 19.122 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Tgt Ion:164 Resp: 80778

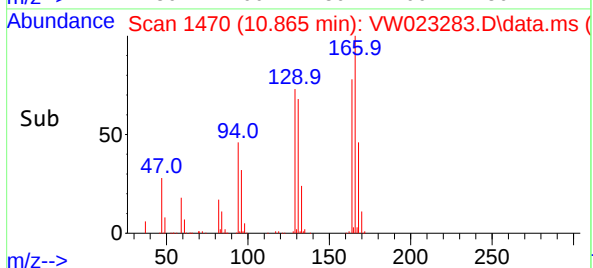
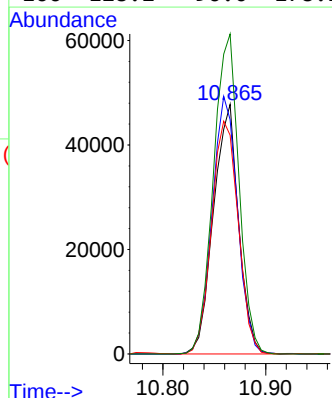
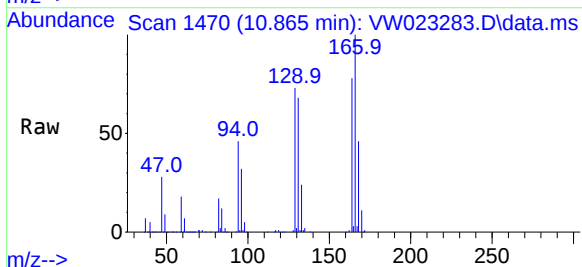
Ion Ratio Lower Upper

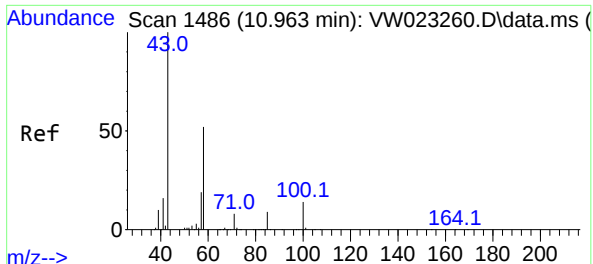
164 100

129 93.9 76.9 142.7

131 87.7 75.1 139.5

166 128.2 96.0 178.2





#48

2-Hexanone

Concen: 53.623 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

EXY22MSD

Tgt Ion: 43 Resp: 111703

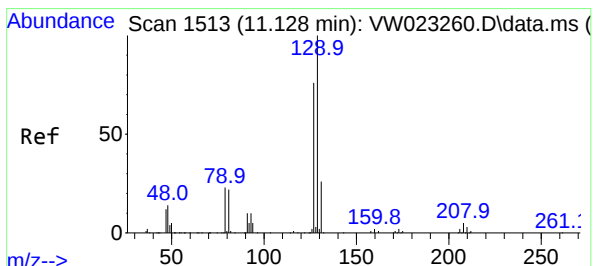
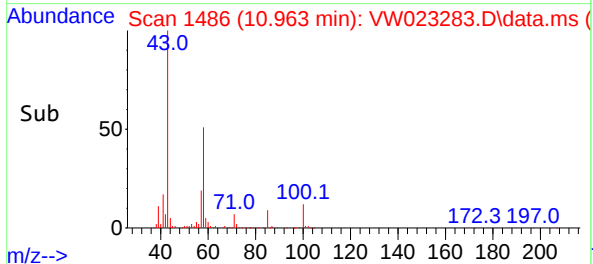
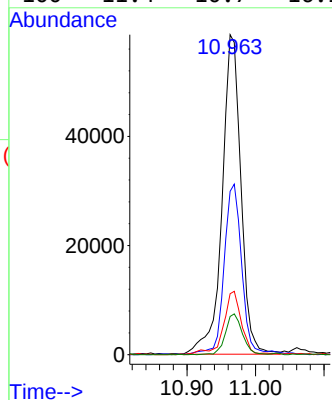
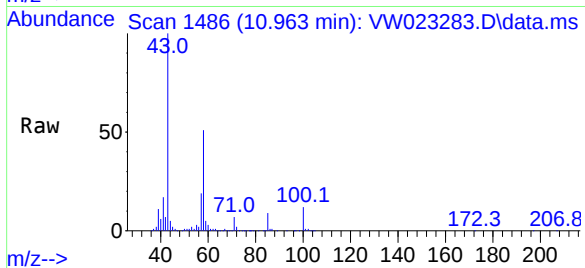
Ion Ratio Lower Upper

43 100

58 49.4 45.9 68.9

57 17.7 16.2 24.2

100 11.4 10.7 16.1



#49

Dibromochloromethane

Concen: 28.899 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.001 min

Lab File: VW023283.D

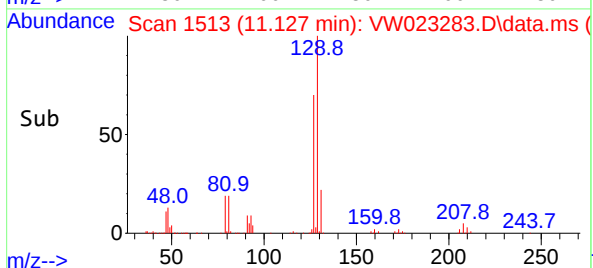
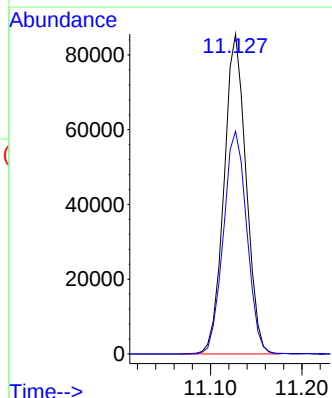
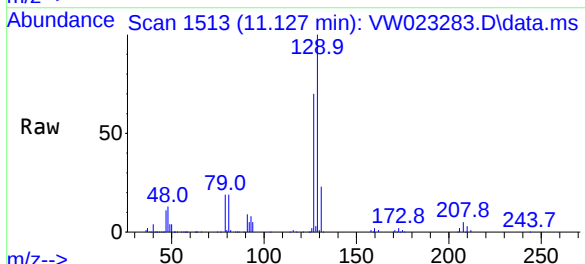
Acq: 24 May 2022 19:36

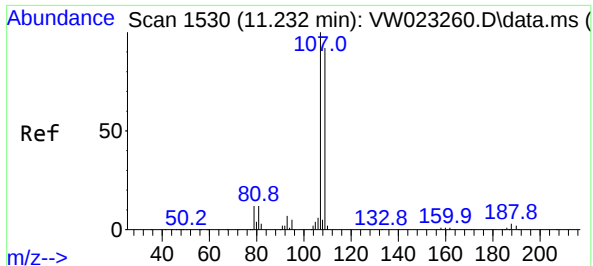
Tgt Ion: 129 Resp: 143825

Ion Ratio Lower Upper

129 100

127 69.6 53.8 100.0





#50

1,2-Dibromoethane

Concen: 27.616 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

EXY22MSD

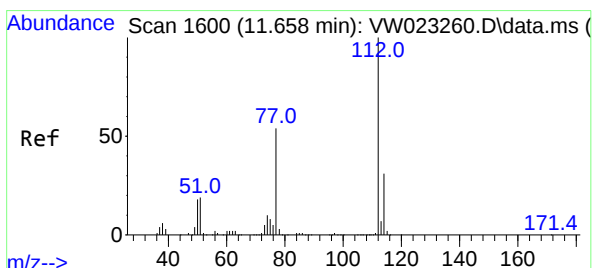
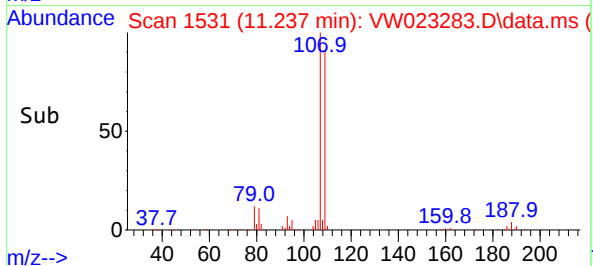
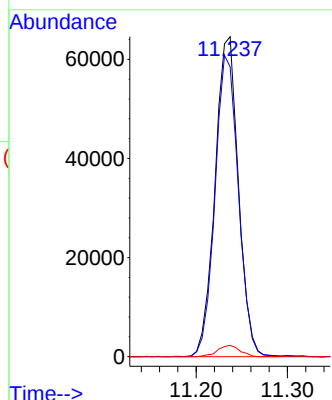
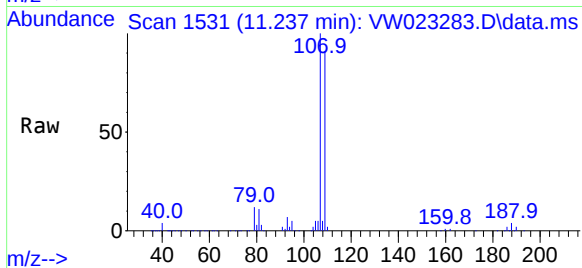
Tgt Ion:107 Resp: 114664

Ion Ratio Lower Upper

107 100

109 90.6 67.5 125.4

188 3.6 2.9 4.3



#51

Chlorobenzene

Concen: 23.348 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

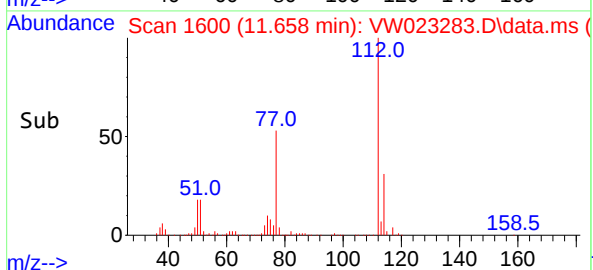
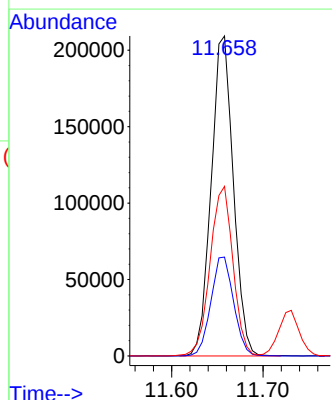
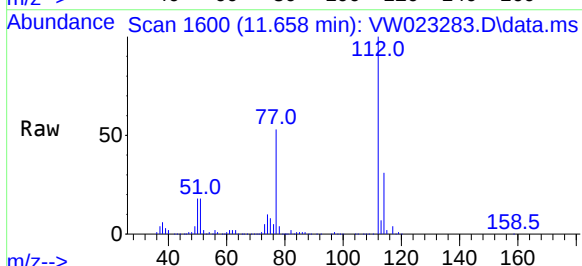
Tgt Ion:112 Resp: 352589

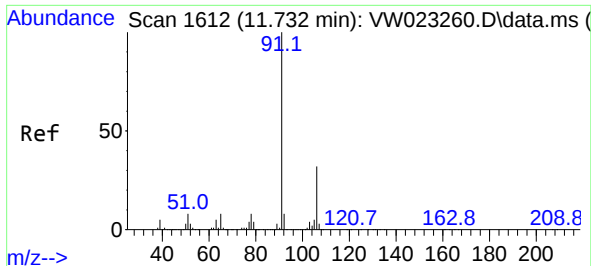
Ion Ratio Lower Upper

112 100

114 30.9 22.0 41.0

77 53.0 42.6 63.8





#52

Ethylbenzene

Concen: 20.497 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

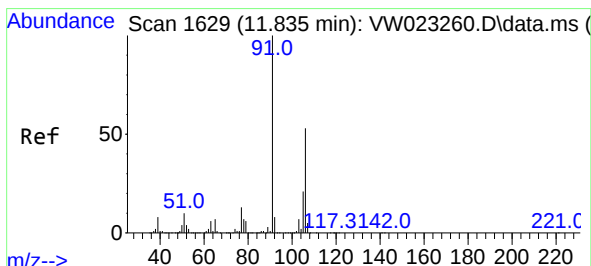
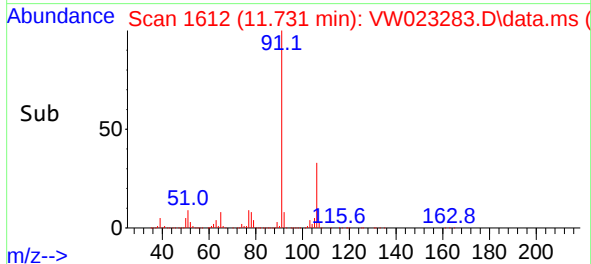
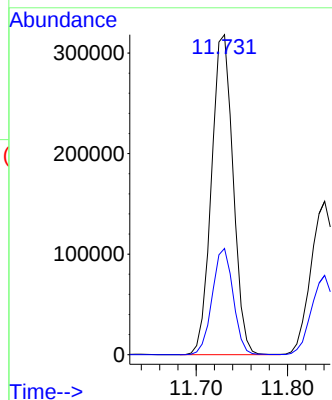
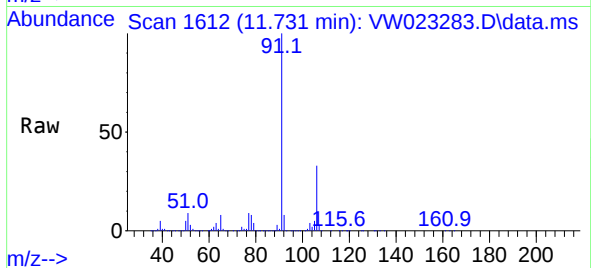
EXY22MSD

Tgt Ion: 91 Resp: 522369

Ion Ratio Lower Upper

91 100

106 33.2 22.3 41.3



#53

m,p-Xylene

Concen: 13.999 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW023283.D

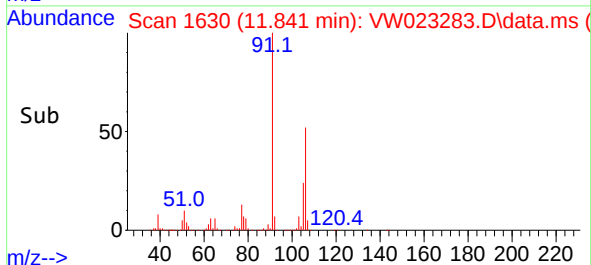
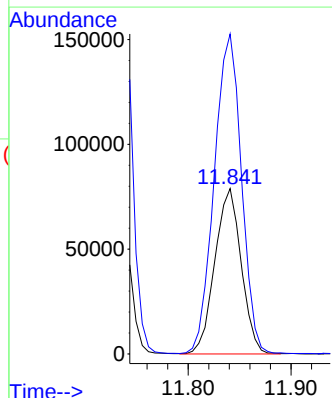
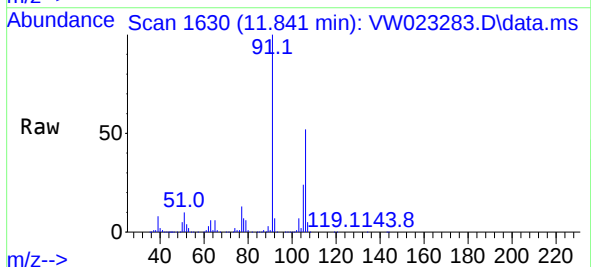
Acq: 24 May 2022 19:36

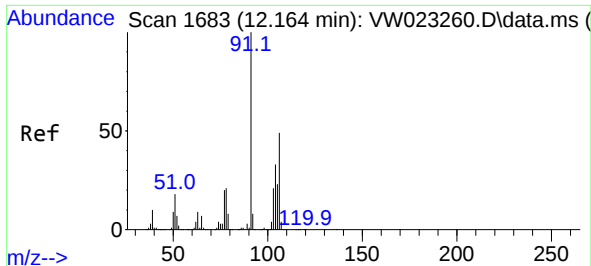
Tgt Ion:106 Resp: 140573

Ion Ratio Lower Upper

106 100

91 193.4 136.8 254.0

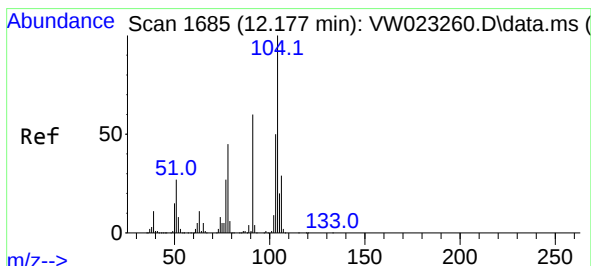
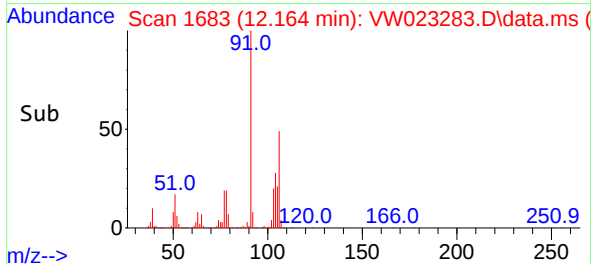
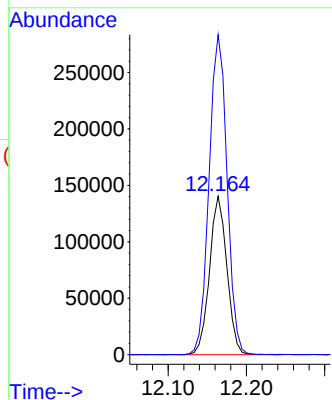
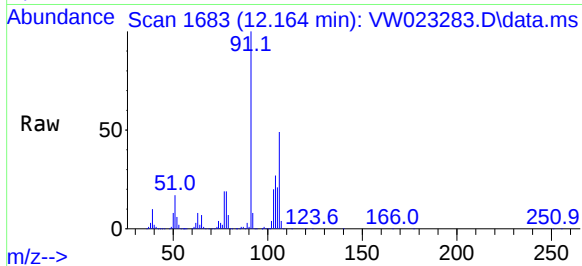




#54
o-Xylene
Concen: 22.416 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

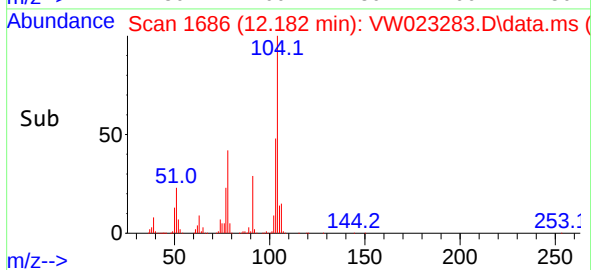
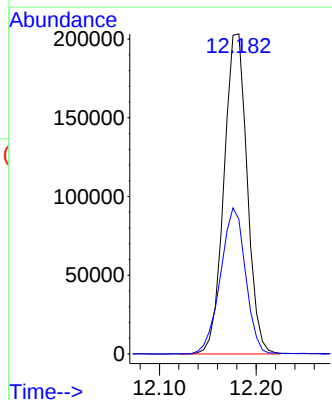
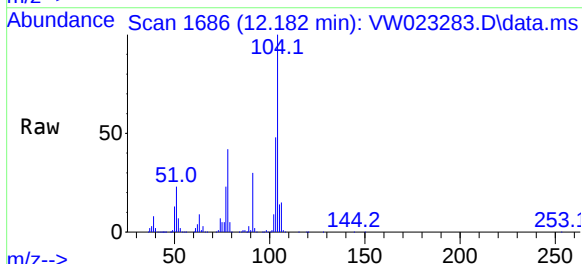
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

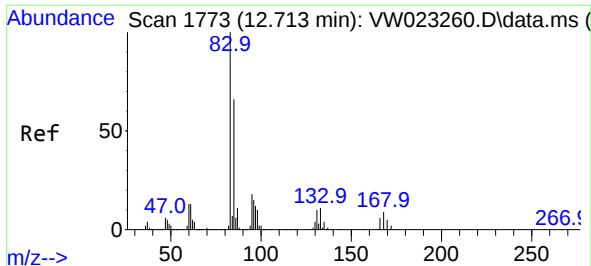
Tgt Ion:106 Resp: 216002
Ion Ratio Lower Upper
106 100
91 202.1 147.2 273.4



#55
Styrene
Concen: 20.686 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion:104 Resp: 338702
Ion Ratio Lower Upper
104 100
78 42.0 32.3 59.9

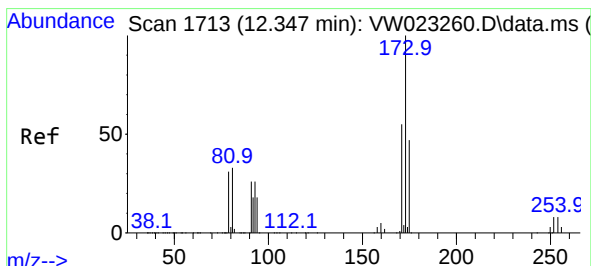
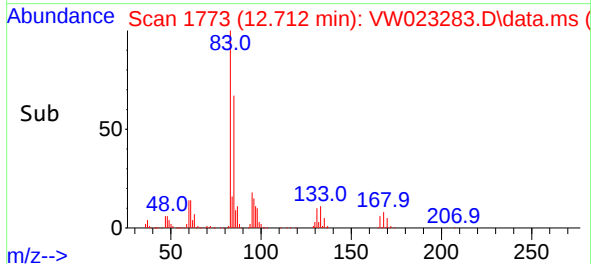
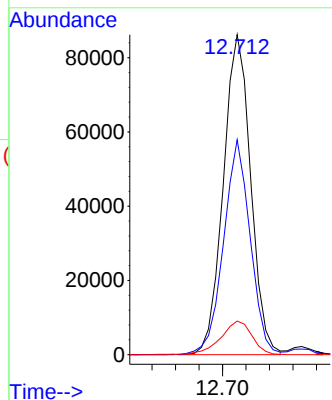
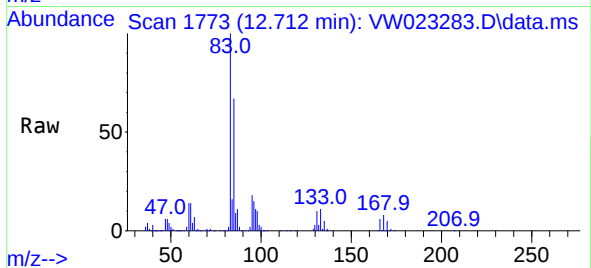




#57
1,1,2-Tetrachloroethane
Concen: 27.039 ug/L
RT: 12.712 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

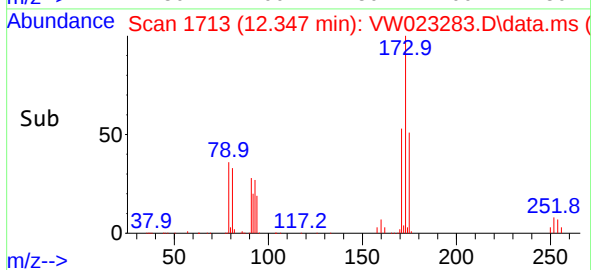
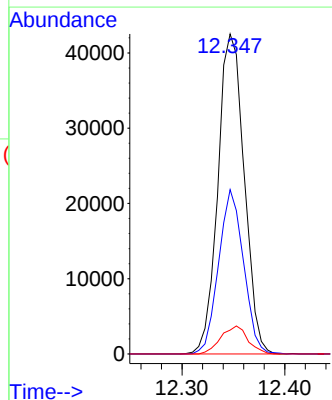
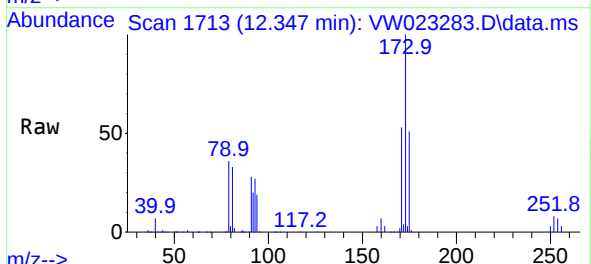
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

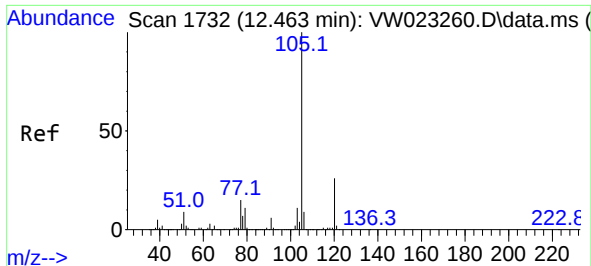
Tgt Ion: 83 Resp: 139648
Ion Ratio Lower Upper
83 100
85 67.2 47.5 88.1
131 10.5 8.7 13.1



#59
Bromoform
Concen: 32.525 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion:173 Resp: 75481
Ion Ratio Lower Upper
173 100
175 48.7 38.1 57.1
254 9.0 6.5 9.7

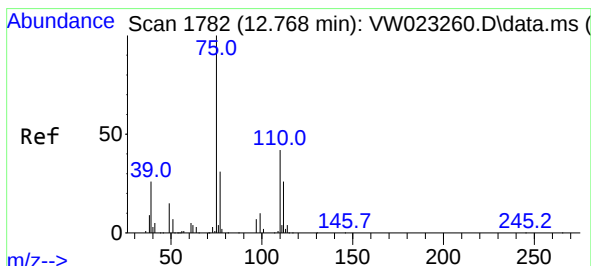
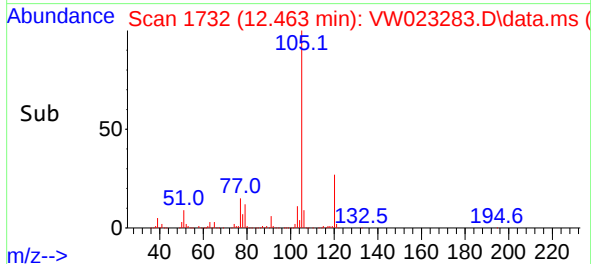
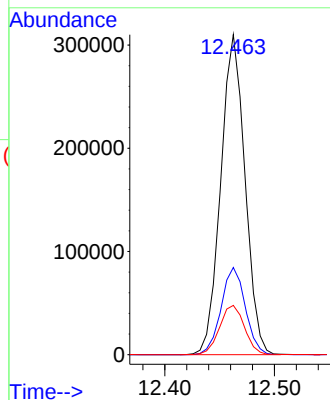
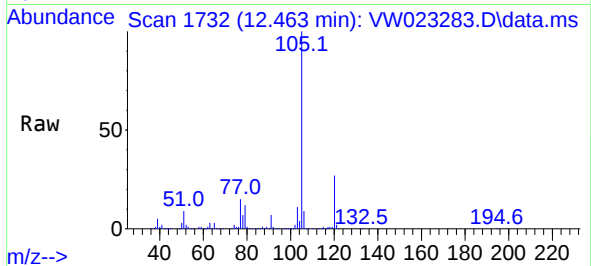




#60
Isopropylbenzene
Concen: 21.259 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

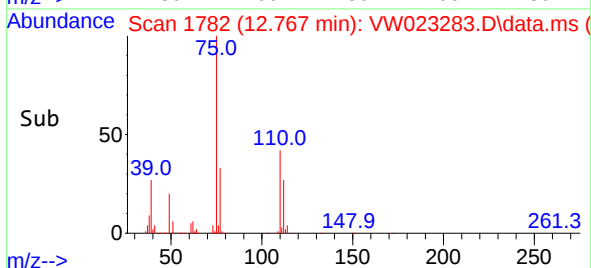
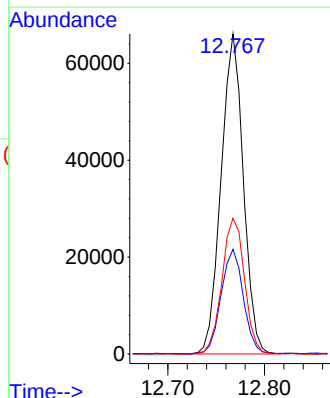
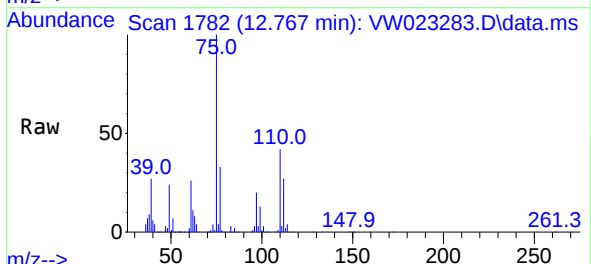
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

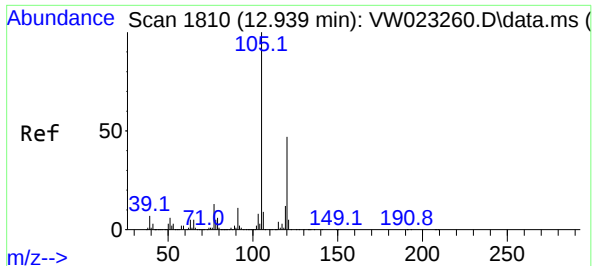
Tgt Ion:105 Resp: 476926
Ion Ratio Lower Upper
105 100
120 27.3 21.3 31.9
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 32.235 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion: 75 Resp: 105473
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 43.0 34.1 51.1





#62

1,3,5-Trimethylbenzene

Concen: 20.757 ug/L

RT: 12.944 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

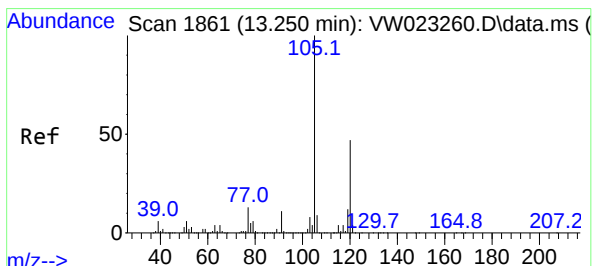
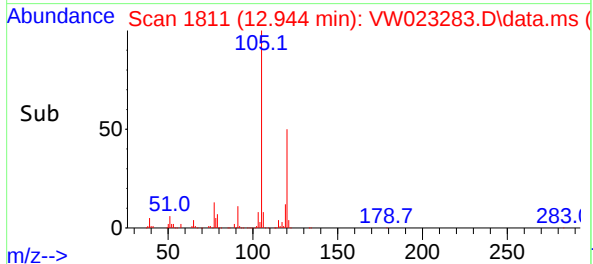
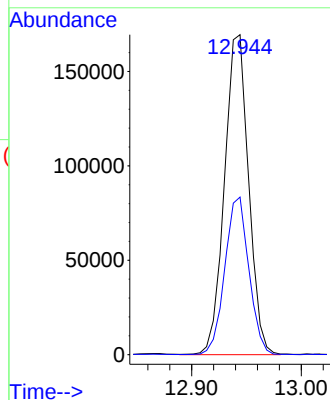
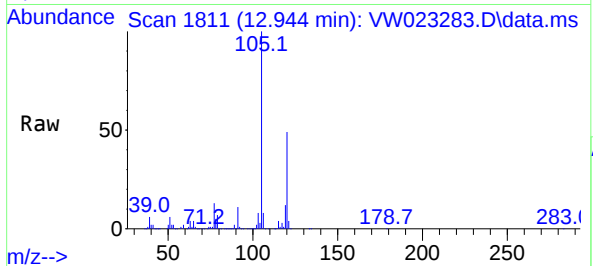
EXY22MSD

Tgt Ion:105 Resp: 259065

Ion Ratio Lower Upper

105 100

120 49.1 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 10.043 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.001 min

Lab File: VW023283.D

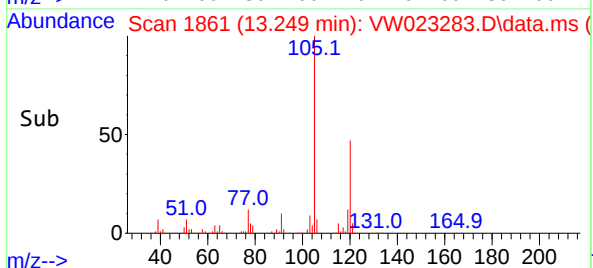
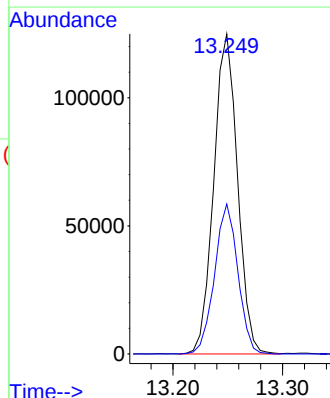
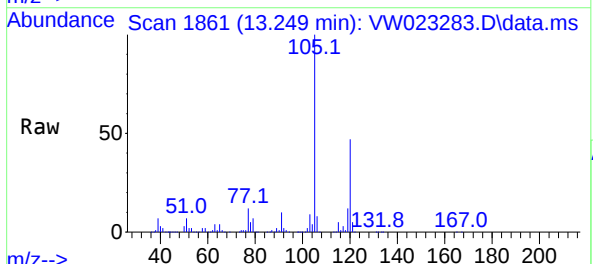
Acq: 24 May 2022 19:36

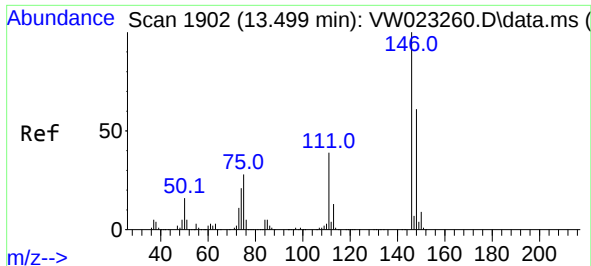
Tgt Ion:105 Resp: 188217

Ion Ratio Lower Upper

105 100

120 45.9 37.4 56.2

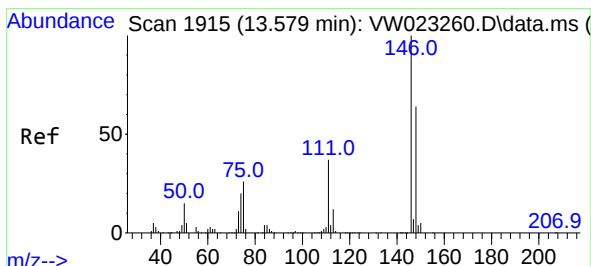
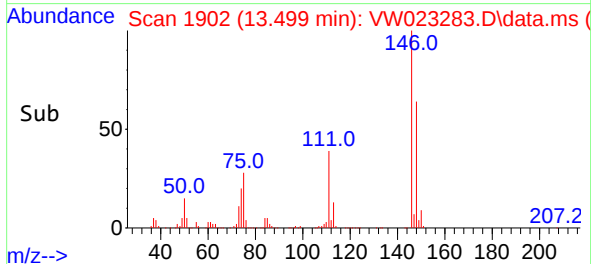
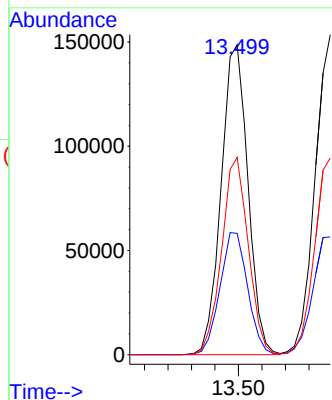
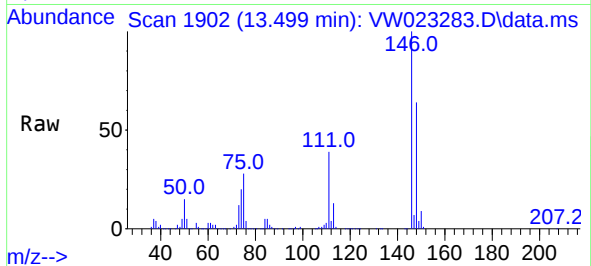




#64
1,3-Dichlorobenzene
Concen: 23.505 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

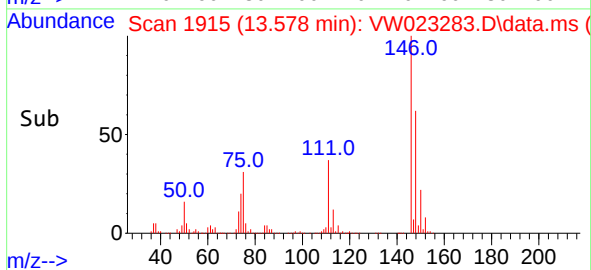
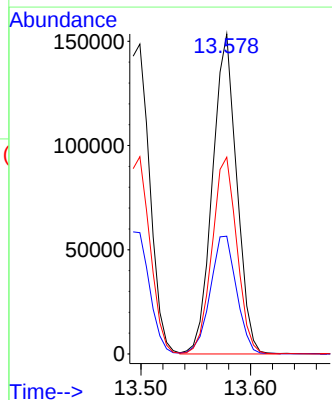
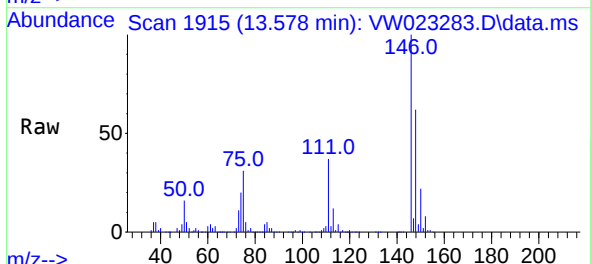
Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

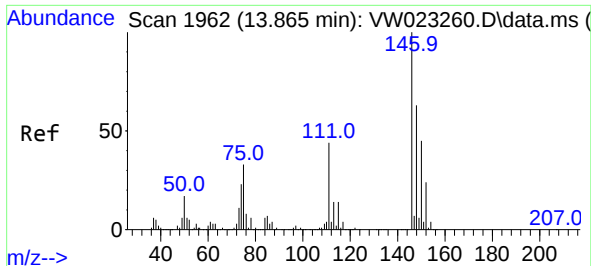
Tgt Ion:146 Resp: 235431
Ion Ratio Lower Upper
146 100
111 39.1 29.5 54.9
148 63.7 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 22.827 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion:146 Resp: 236160
Ion Ratio Lower Upper
146 100
111 36.8 27.2 50.4
148 61.5 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 25.656 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

Instrument :

MSVOA_W

ClientSampleId :

EXY22MSD

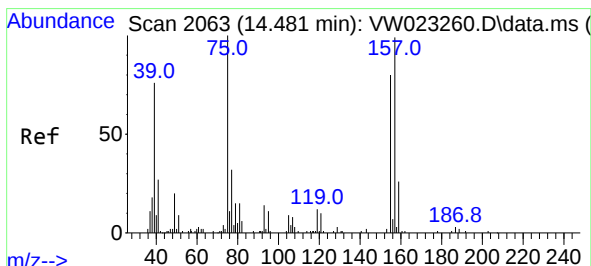
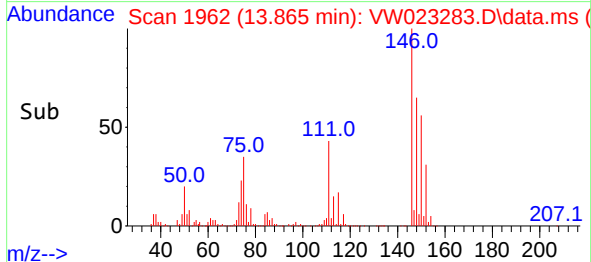
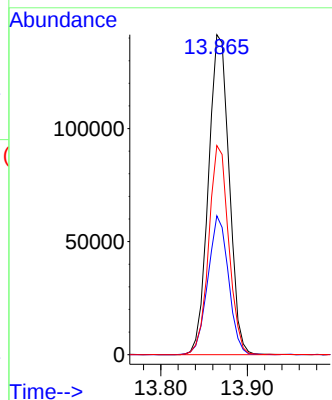
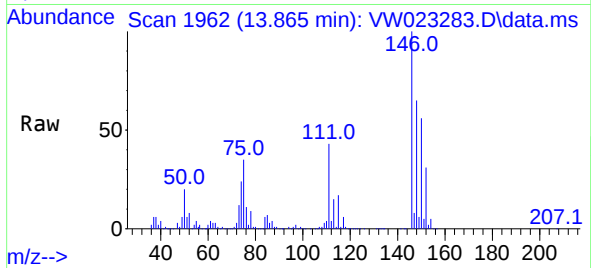
Tgt Ion:146 Resp: 235152

Ion Ratio Lower Upper

146 100

111 43.4 35.7 53.5

148 65.4 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 30.727 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.001 min

Lab File: VW023283.D

Acq: 24 May 2022 19:36

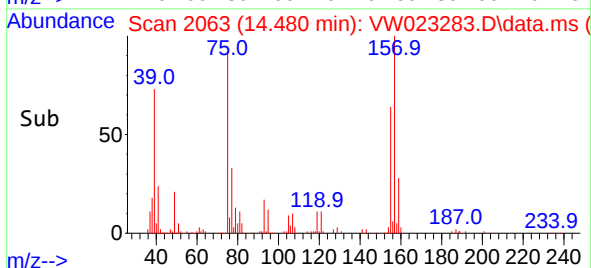
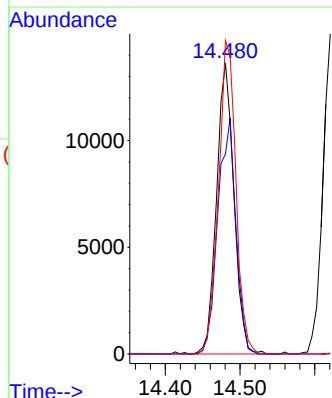
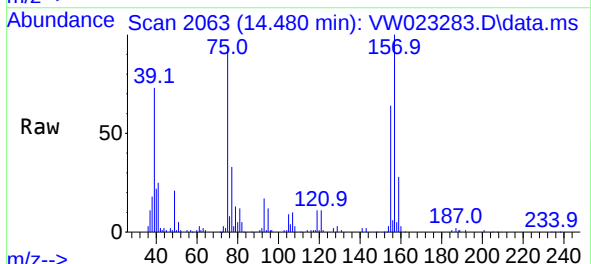
Tgt Ion: 75 Resp: 21973

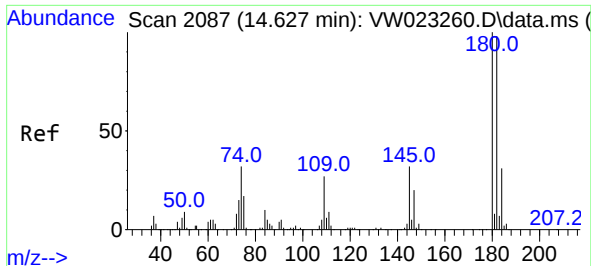
Ion Ratio Lower Upper

75 100

155 68.8 59.3 88.9

157 107.8 89.8 134.8



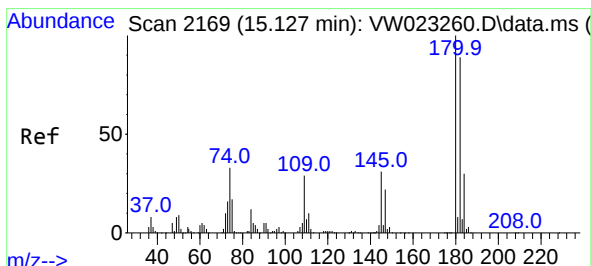
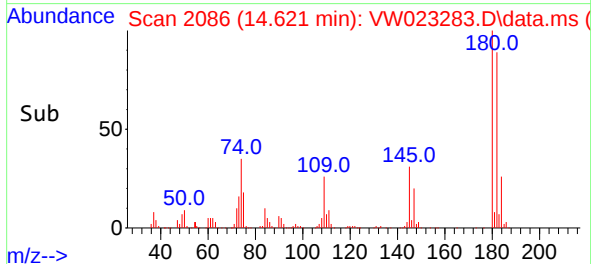
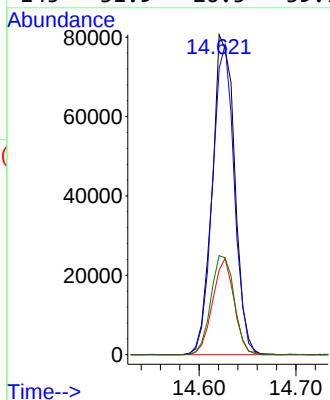
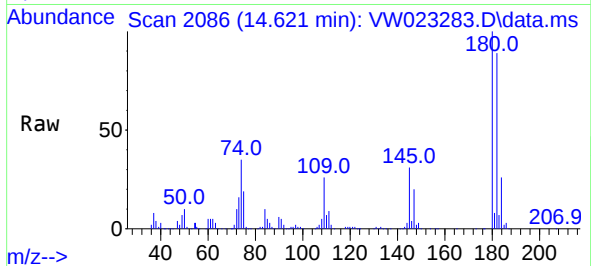


#69
1,3,5-Trichlorobenzene
Concen: 19.591 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.007 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

Tgt Ion:180 Resp: 130249

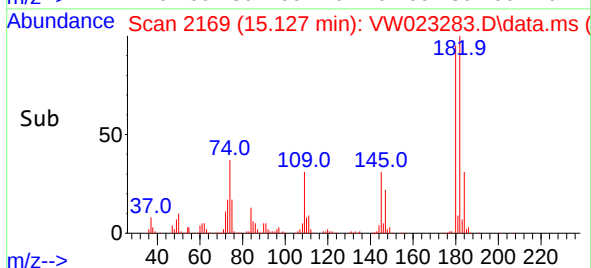
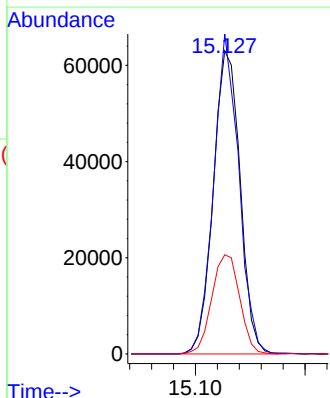
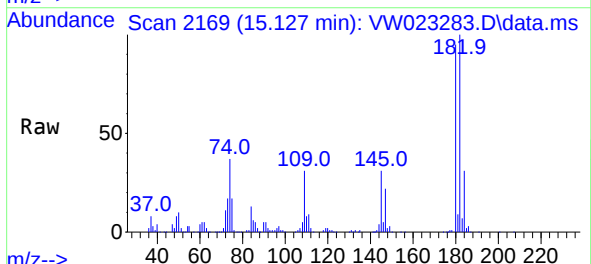
Ion	Ratio	Lower	Upper
180	100		
182	93.7	74.8	112.2
184	28.9	23.4	35.2
145	31.9	26.5	39.7

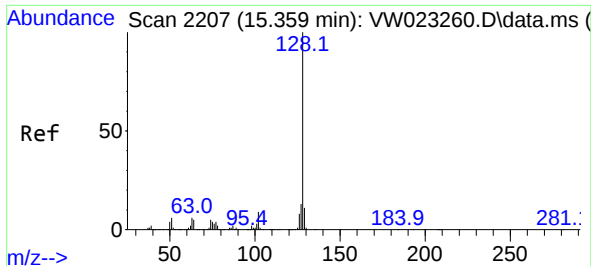


#70
1,2,4-trichlorobenzene
Concen: 20.047 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.001 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion:180 Resp: 107216

Ion	Ratio	Lower	Upper
180	100		
182	99.0	74.9	112.3
145	34.0	26.6	39.8

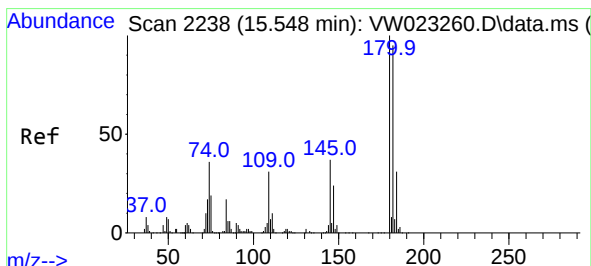
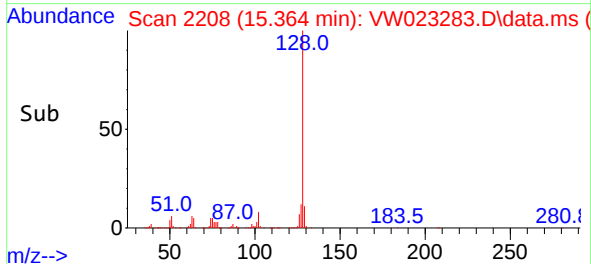
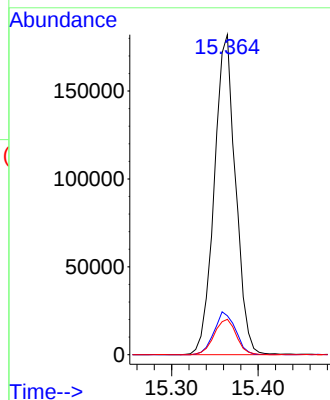
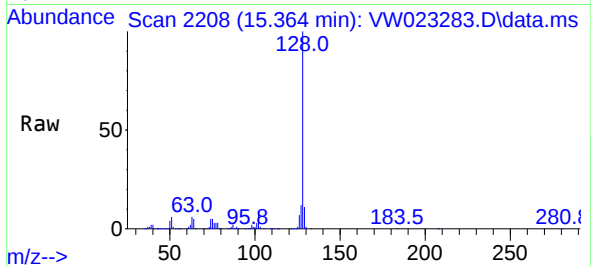




#71
Naphthalene
Concen: 26.688 ug/L
RT: 15.364 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Instrument :
MSVOA_W
ClientSampleId :
EXY22MSD

Tgt Ion:128 Resp: 310228
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 11.6 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 22.610 ug/L
RT: 15.553 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW023283.D
Acq: 24 May 2022 19:36

Tgt Ion:180 Resp: 107171
Ion Ratio Lower Upper
180 100
182 91.9 73.5 110.3
145 34.9 27.9 41.9

