

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020239.D
 Acq On : 29 Sep 2021 17:45
 Operator : SY/VA
 Sample : M3973-20MSD
 Misc : 4.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 01:06:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 00:57:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	283754	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	253726	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	120722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	121735	20.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.880%
7) Chloroethane-d5	2.897	69	105043	24.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	4.025	63	182511	20.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.320%
21) 2-Butanone-d5	7.080	46	29565	33.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.000%
24) Chloroform-d	7.653	84	205151	22.989	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.960%
26) 1,2-Dichloroethane-d4	8.311	65	95688	19.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.680%
32) Benzene-d6	8.281	84	380058	23.479	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.274	67	105974	22.621	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	10.323	98	338219	22.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.579	79	40968	20.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.840%
47) 2-Hexanone-d5	10.927	63	22903	35.328	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.660%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	69774	19.309	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	98473	21.754	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	47563	19.137	ug/L	98
3) Chloromethane	2.221	50	76593	22.287	ug/L	99
5) Vinyl chloride	2.373	62	131868	24.436	ug/L	100
6) Bromomethane	2.788	94	85533	24.518	ug/L	98
8) Chloroethane	2.934	64	83329	25.535	ug/L	99
9) Trichlorofluoromethane	3.269	101	83725	22.052	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	88954	21.431	ug/L	99
12) 1,1-Dichloroethene	4.050	96	82455	21.912	ug/L	84
13) Acetone	4.129	43	24821	32.353	ug/L	97
14) Carbon disulfide	4.391	76	253284	21.403	ug/L	99
15) Methyl Acetate	4.684	43	21193	14.445	ug/L	99
16) Methylene chloride	4.928	84	85385	17.053	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	87567	22.089	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	87579	18.610	ug/L	99
19) 1,1-Dichloroethane	6.220	63	161393	22.073	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	86320	21.410	ug/L	99
22) 2-Butanone	7.177	43	29226	29.363	ug/L	97
23) Bromochloromethane	7.519	128	36497	19.970	ug/L	94
25) Chloroform	7.677	83	168092	21.984	ug/L	98

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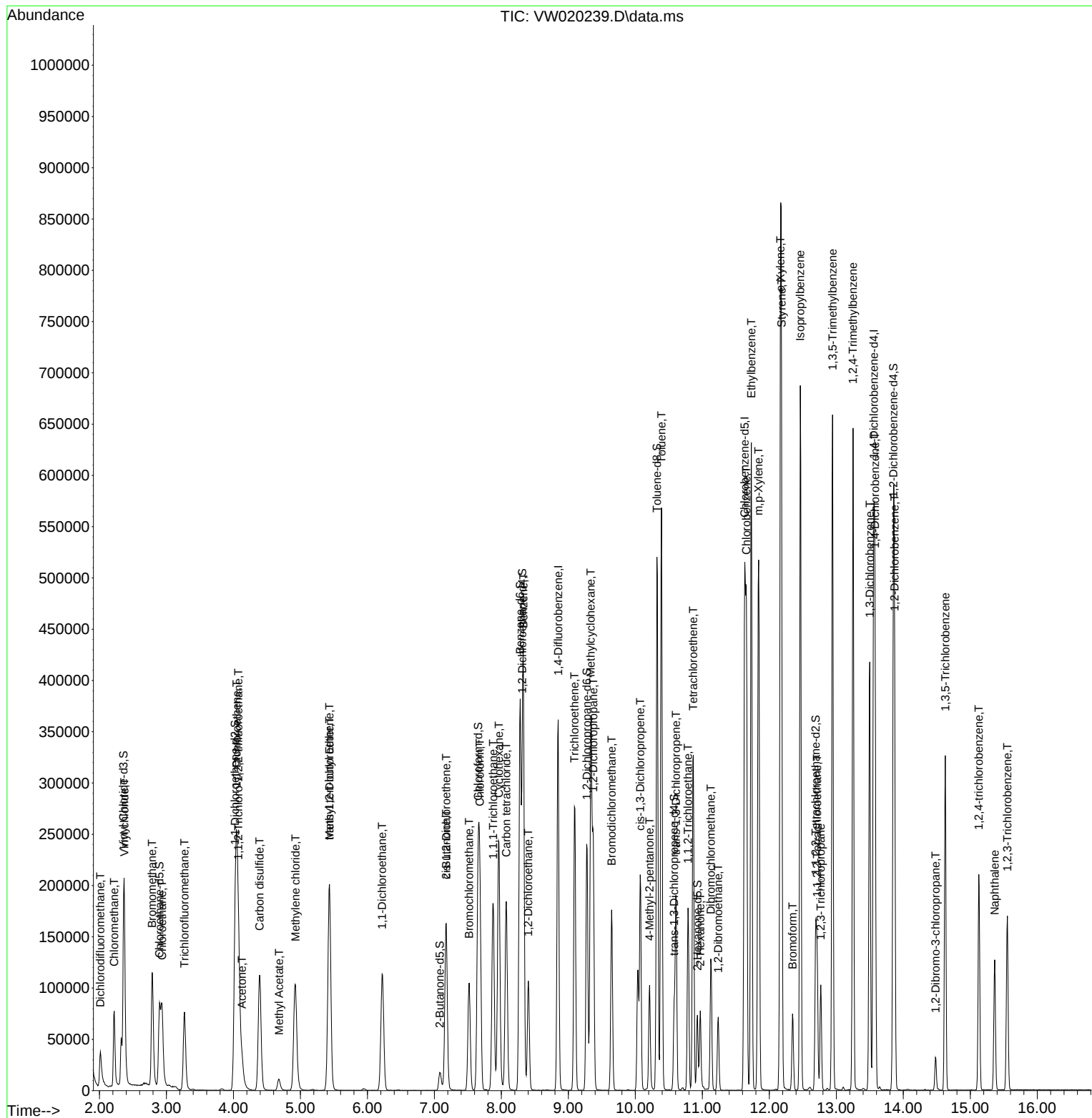
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97380	19.353	ug/L	99
29) Cyclohexane	7.964	56	124089	21.979	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	148751	23.659	ug/L	100
31) Carbon tetrachloride	8.073	117	136526	23.866	ug/L	99
33) Benzene	8.329	78	364515	23.805	ug/L	100
34) Trichloroethene	9.091	95	96315	23.496	ug/L	96
35) Methylcyclohexane	9.335	83	139853	20.939	ug/L	98
37) 1,2-Dichloropropane	9.372	63	84786	22.355	ug/L	100
38) Bromodichloromethane	9.646	83	113668	22.131	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	117931	21.081	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	61839	32.374	ug/L	98
42) Toluene	10.390	91	403311	24.791	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	102040	20.307	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	53014	19.063	ug/L	98
46) Tetrachloroethene	10.866	164	69025	21.786	ug/L	95
48) 2-Hexanone	10.969	43	46256	34.763	ug/L	100
49) Dibromochloromethane	11.128	129	64958	19.989	ug/L	95
50) 1,2-Dibromoethane	11.237	107	47012	17.962	ug/L	99
51) Chlorobenzene	11.658	112	234985	22.209	ug/L	98
52) Ethylbenzene	11.731	91	421603	23.529	ug/L	99
53) m,p-Xylene	11.841	106	164460	24.075	ug/L	92
54) o-Xylene	12.164	106	148220	23.456	ug/L	98
55) Styrene	12.182	104	255126	23.235	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	58216	17.526	ug/L	98
59) Bromoform	12.347	173	31785	19.311	ug/L	98
60) Isopropylbenzene	12.463	105	410798	25.379	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	40820	17.907	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	328743	24.747	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	320018	24.523	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	158865	21.401	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	161807	21.092	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	138070	20.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	8260	16.142	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	91685	17.857	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	62865	15.865	ug/L	92
71) Naphthalene	15.365	128	103780	14.850	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	54965	15.405	ug/L	97

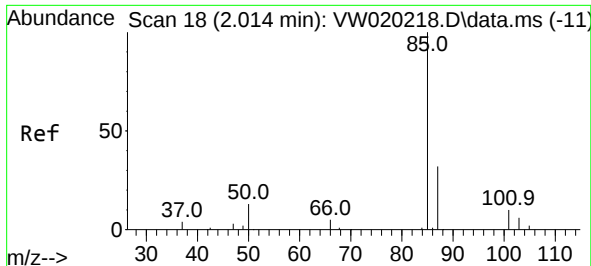
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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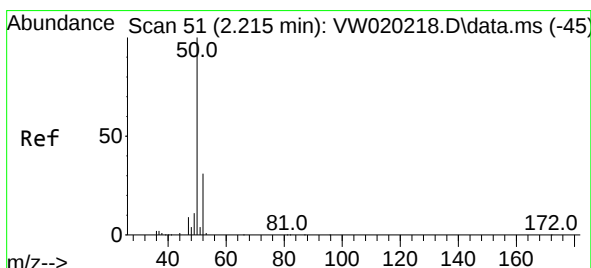
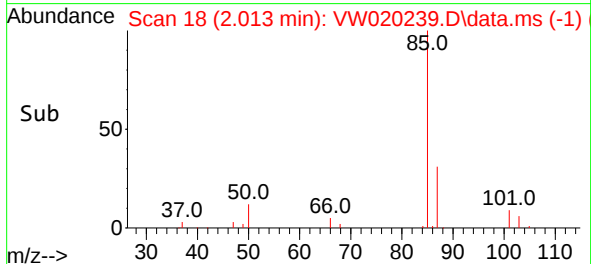
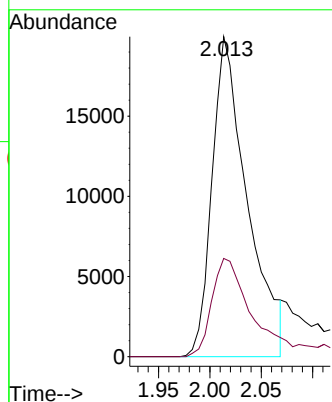
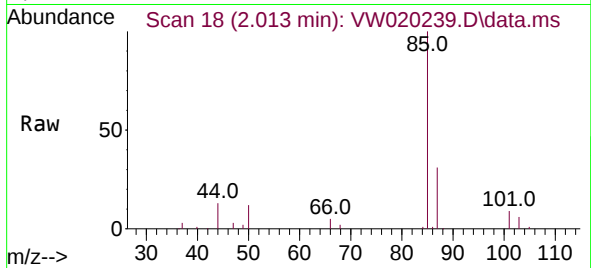




#2
Dichlorodifluoromethane
Concen: 19.137 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

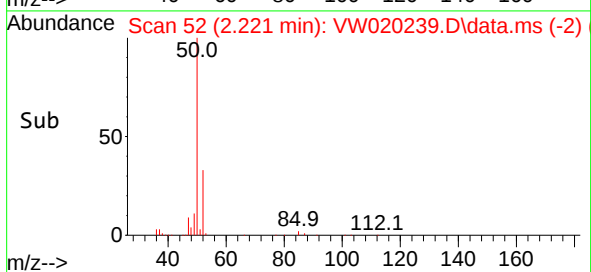
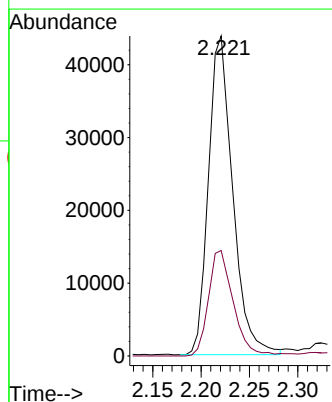
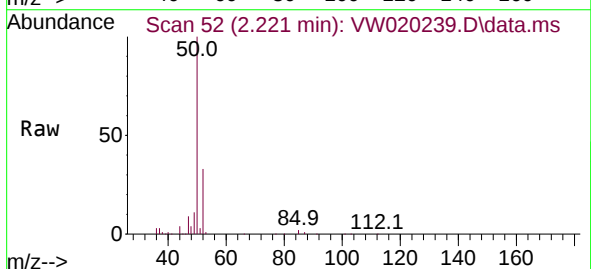
Instrument :
MSVOA_W
ClientSampled :

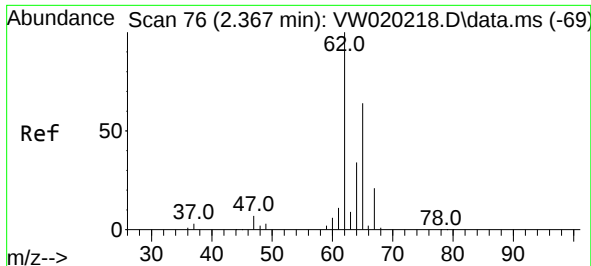
Tgt Ion: 85 Resp: 47563
Ion Ratio Lower Upper
85 100
87 34.0 26.3 39.5



#3
Chloromethane
Concen: 22.287 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion: 50 Resp: 76593
Ion Ratio Lower Upper
50 100
52 33.0 22.5 41.9

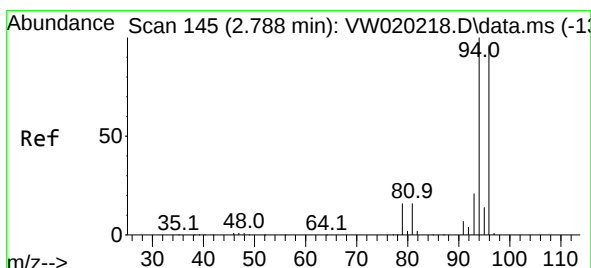
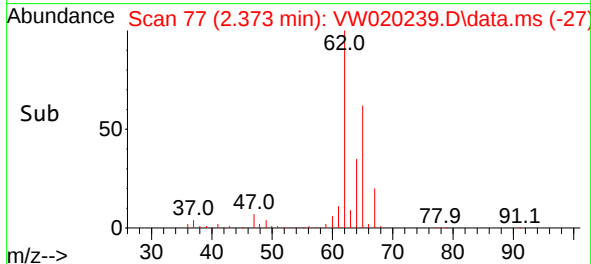
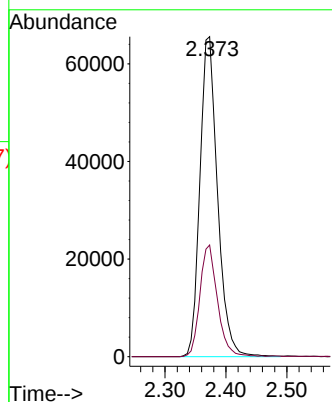
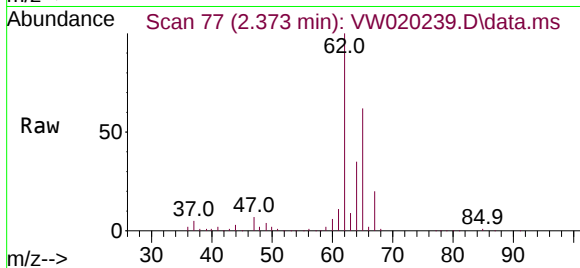




#5
 Vinyl chloride
 Concen: 24.436 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VW020239.D
 Acq: 29 Sep 2021 17:45

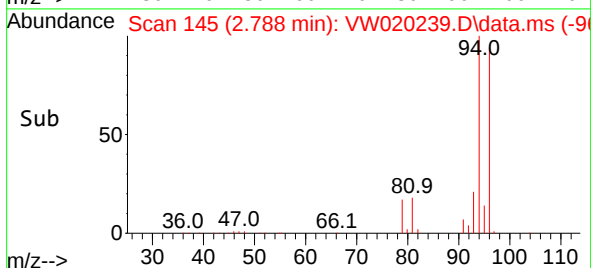
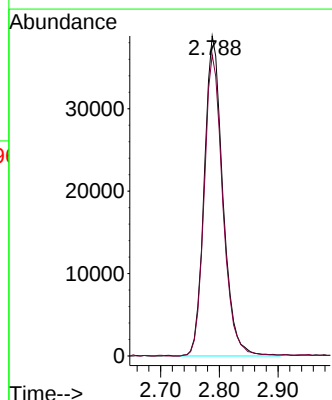
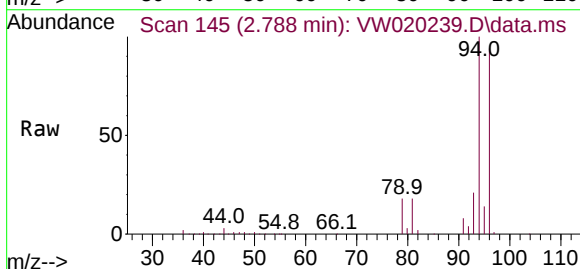
Instrument :
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 ClientSampled :

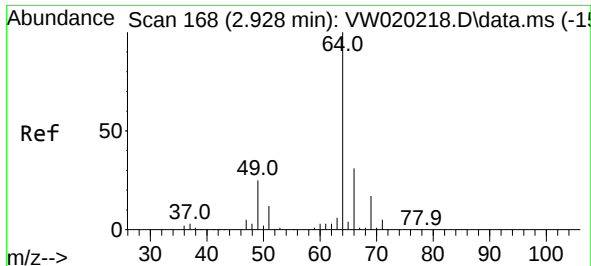
Tgt Ion: 62 Resp: 131868
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.5 45.5



#6
 Bromomethane
 Concen: 24.518 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW020239.D
 Acq: 29 Sep 2021 17:45

Tgt Ion: 94 Resp: 85533
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.8 120.3

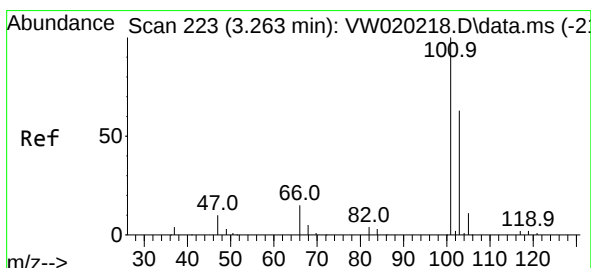
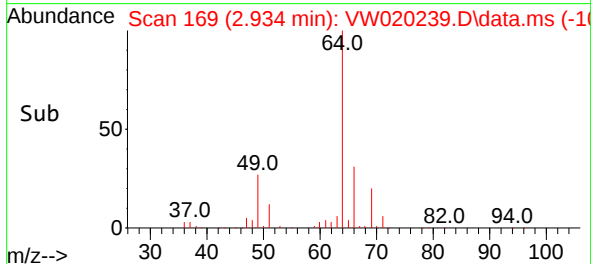
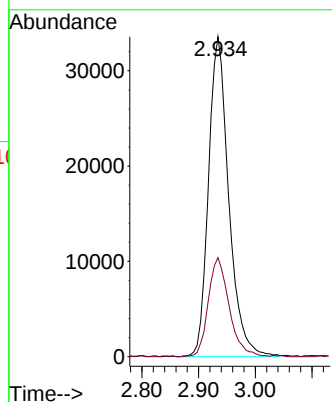
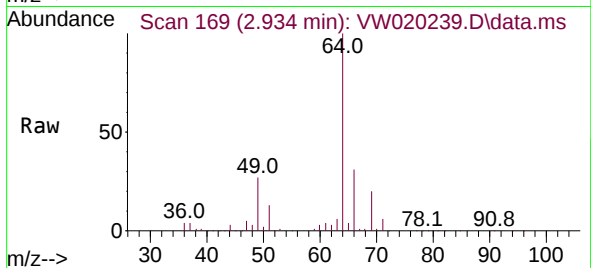




#8
Chloroethane
Concen: 25.535 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

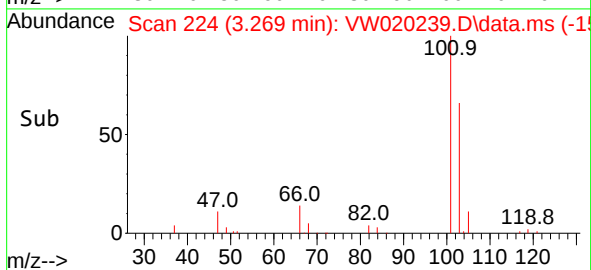
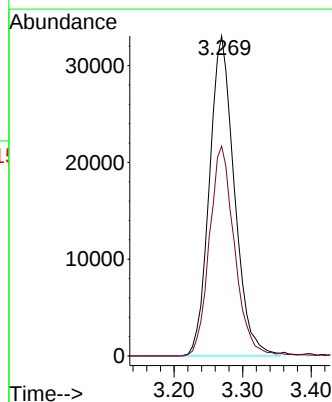
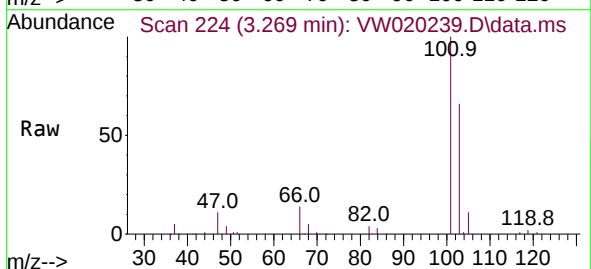
Instrument :
MSVOA_W
ClientSampled :

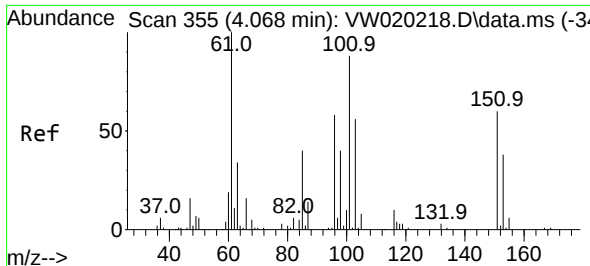
Tgt Ion: 64 Resp: 83329
Ion Ratio Lower Upper
64 100
66 31.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.052 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:101 Resp: 83725
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9

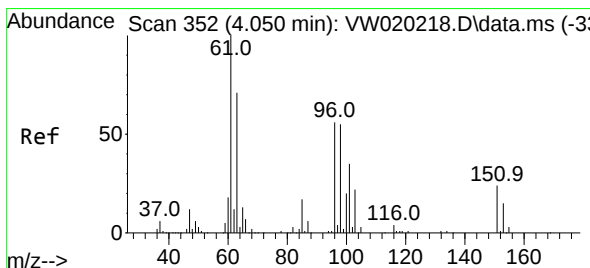
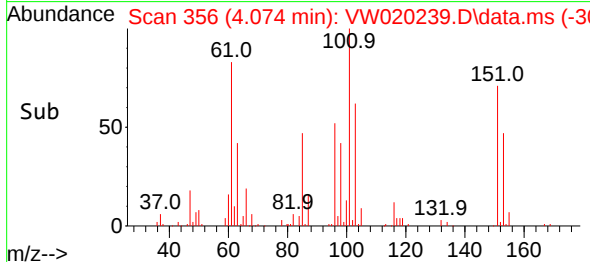
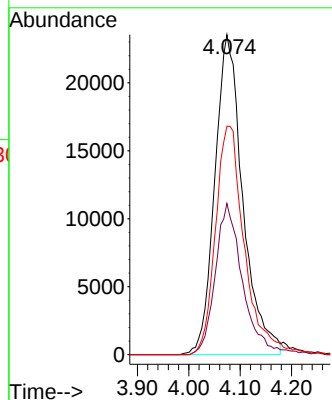
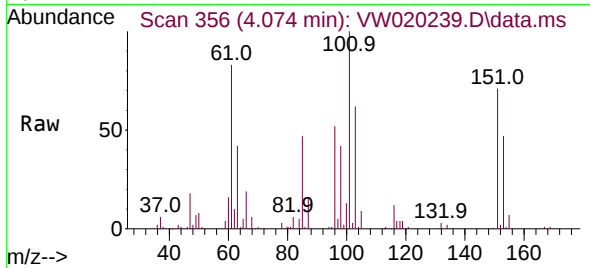




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.431 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VW020239.D
 Acq: 29 Sep 2021 17:45

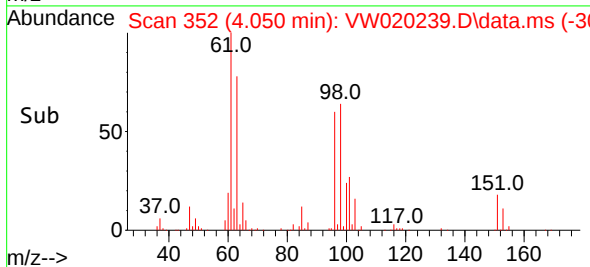
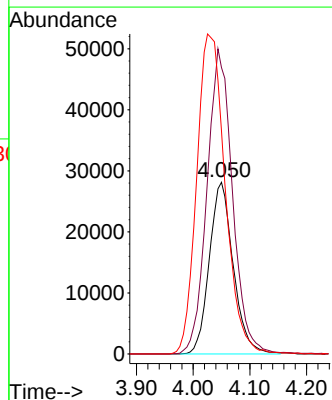
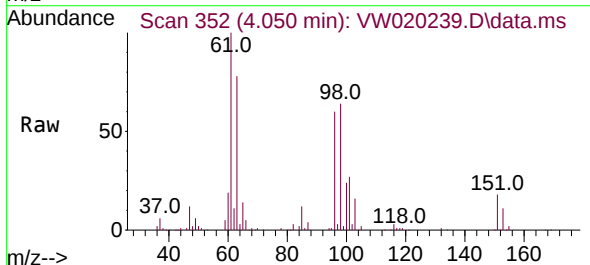
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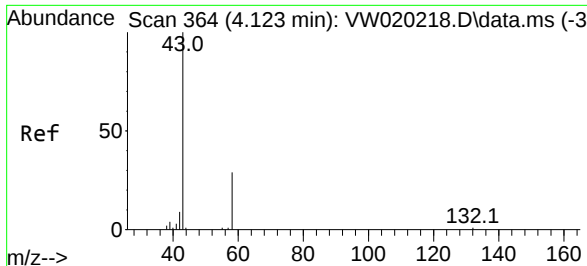
Tgt Ion:101 Resp: 88954
 Ion Ratio Lower Upper
 101 100
 85 45.7 35.4 53.0
 151 73.2 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 21.912 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. -0.000 min
 Lab File: VW020239.D
 Acq: 29 Sep 2021 17:45

Tgt Ion: 96 Resp: 82455
 Ion Ratio Lower Upper
 96 100
 61 166.8 126.1 234.3
 63 129.9 112.6 209.0

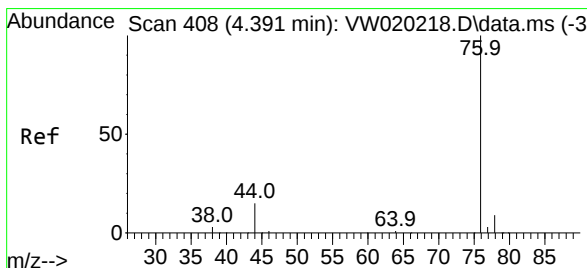
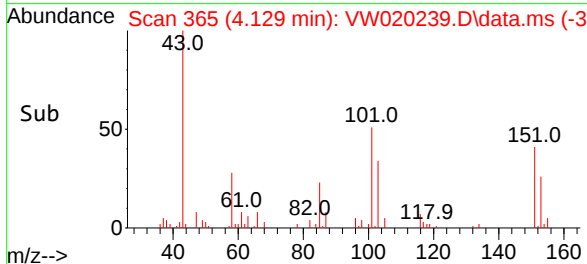
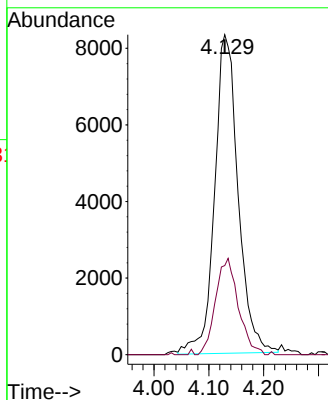
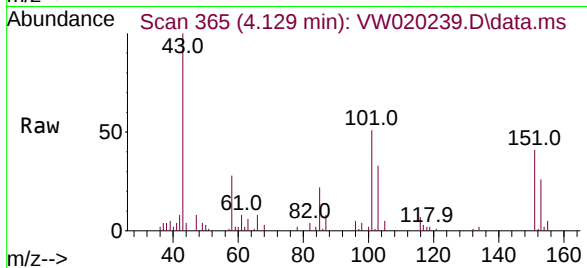




#13
Acetone
Concen: 32.353 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

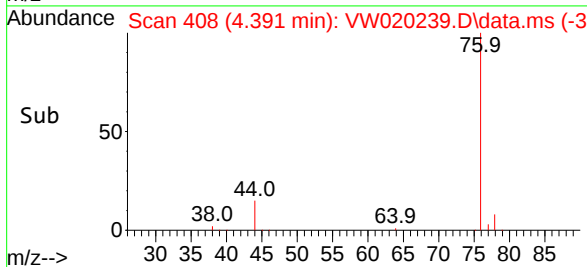
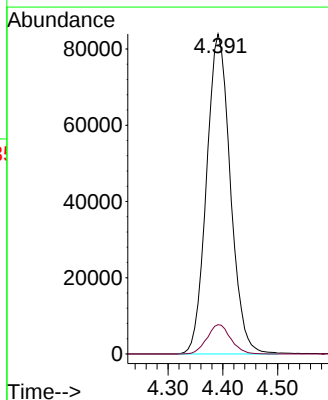
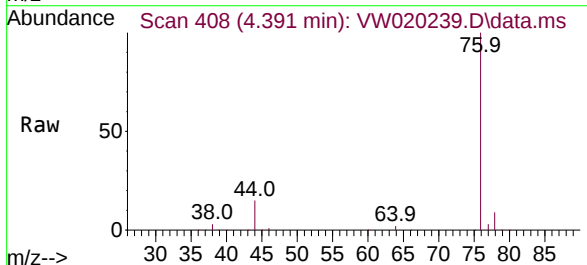
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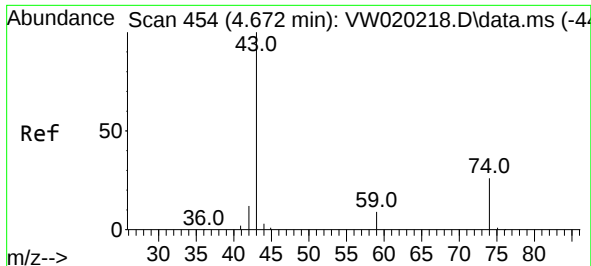
Tgt Ion: 43 Resp: 24821
Ion Ratio Lower Upper
43 100
58 29.3 0.0 61.6



#14
Carbon disulfide
Concen: 21.403 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 253284
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

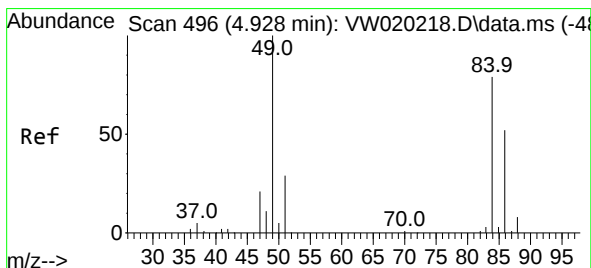
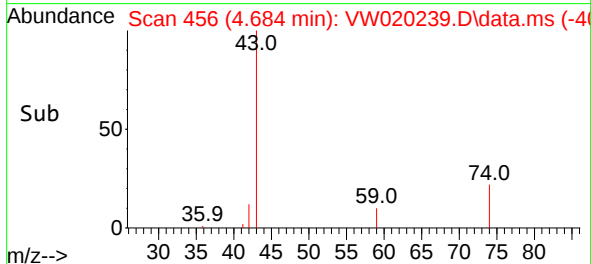
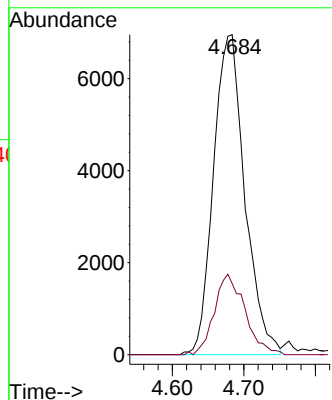
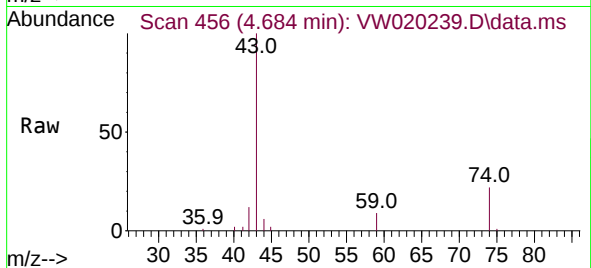




#15
Methyl Acetate
Concen: 14.445 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

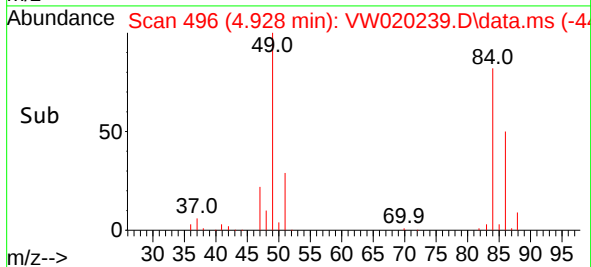
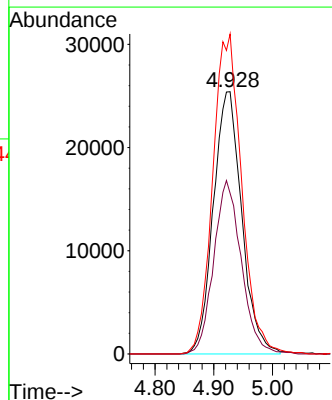
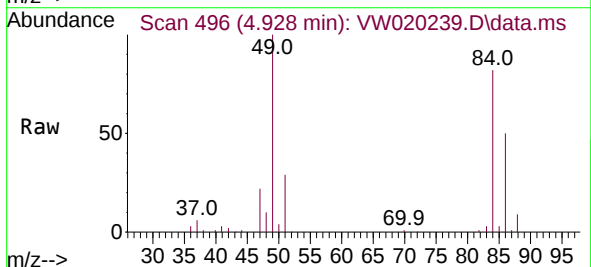
Instrument :
MSVOA_W
ClientSampled :

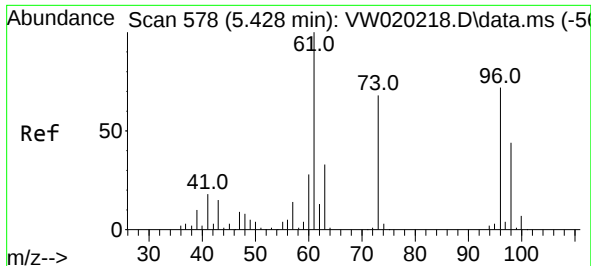
Tgt Ion: 43 Resp: 21193
Ion Ratio Lower Upper
43 100
74 24.4 20.0 30.0



#16
Methylene chloride
Concen: 17.053 ug/L
RT: 4.928 min Scan# 496
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion: 84 Resp: 85385
Ion Ratio Lower Upper
84 100
86 61.3 42.6 79.0
49 122.0 83.4 154.8

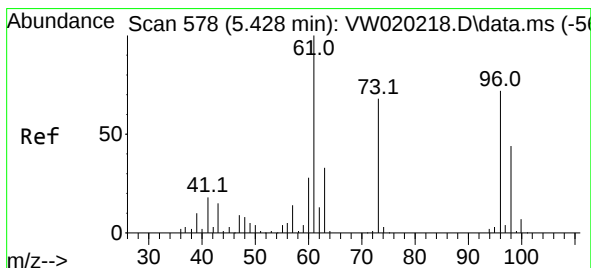
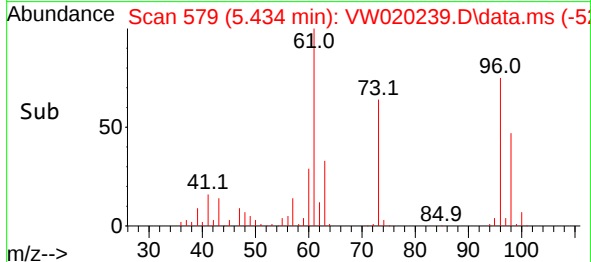
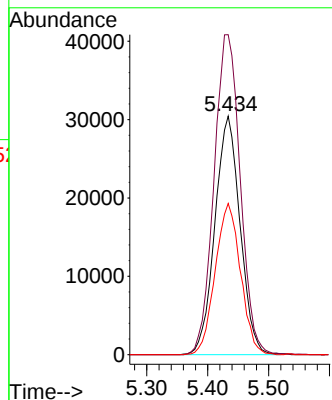
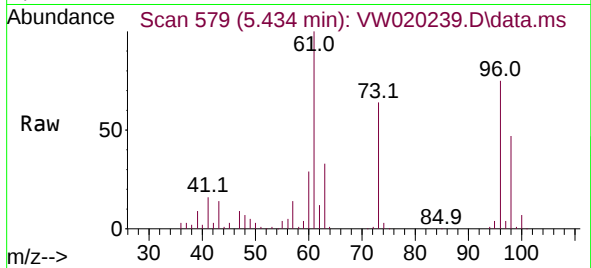




#17
trans-1,2-Dichloroethene
Concen: 22.089 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

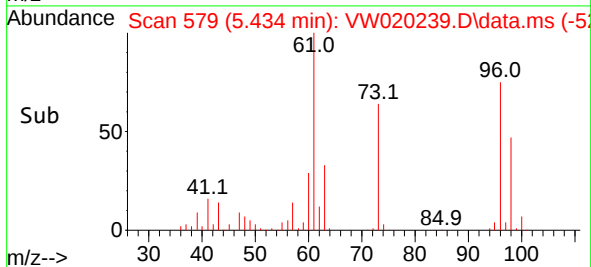
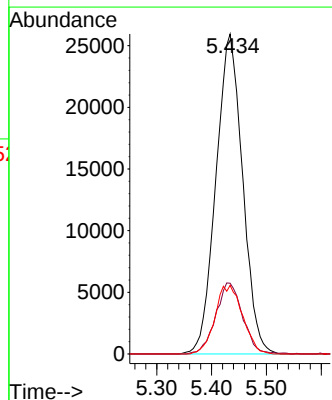
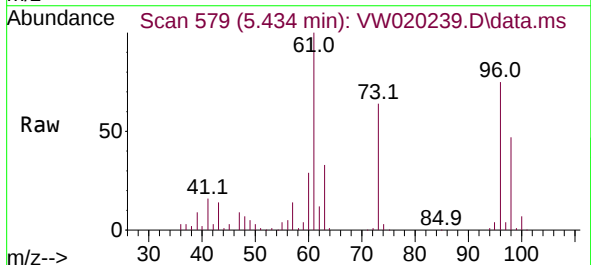
Instrument :
MSVOA_W
ClientSampled :

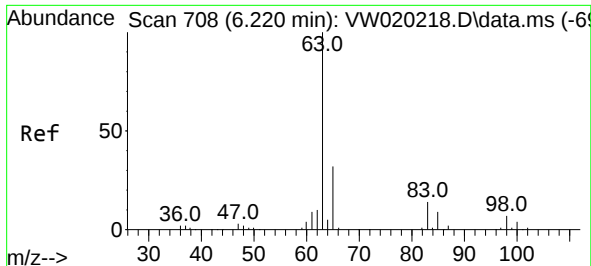
Tgt Ion: 96 Resp: 87567
Ion Ratio Lower Upper
96 100
61 134.2 98.3 182.5
98 63.4 46.6 86.6



#18
Methyl tert-butyl Ether
Concen: 18.610 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion: 73 Resp: 87579
Ion Ratio Lower Upper
73 100
43 22.3 17.4 26.0
57 22.2 17.4 26.0





#19

1,1-Dichloroethane

Concen: 22.073 ug/L

RT: 6.220 min Scan# 708

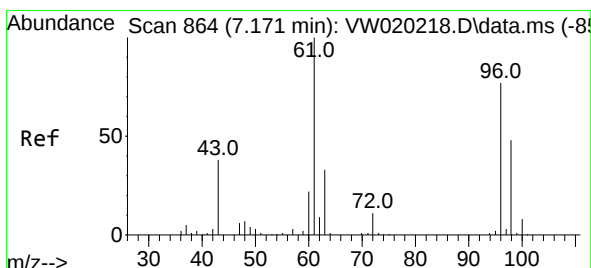
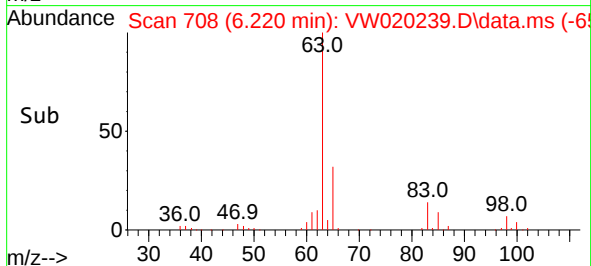
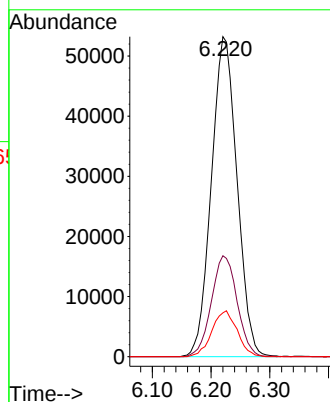
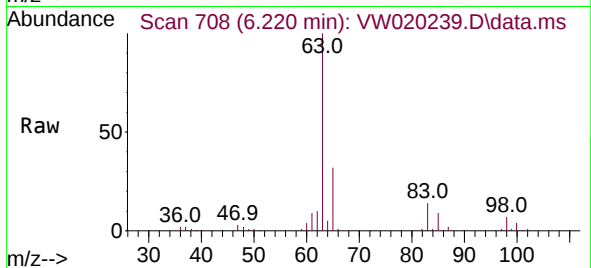
Delta R.T. -0.000 min

Lab File: VW020239.D

Acq: 29 Sep 2021 17:45

Tgt Ion:	63	Resp:	161393
Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.1	42.9
83	13.7	9.4	17.6

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 21.410 ug/L

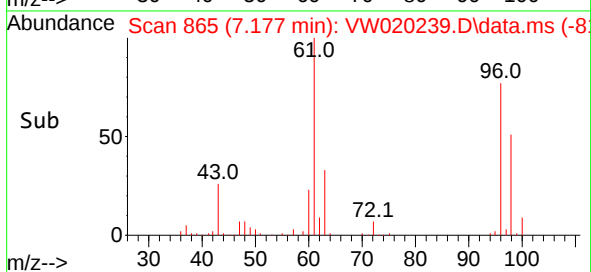
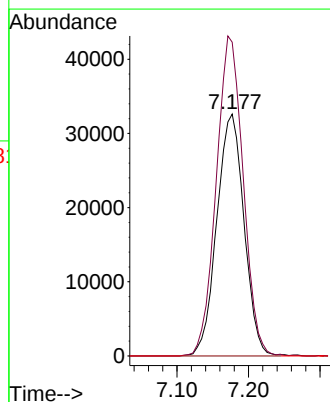
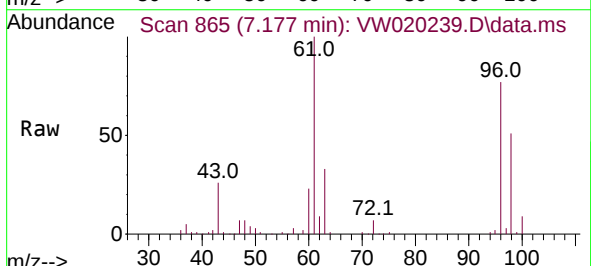
RT: 7.177 min Scan# 865

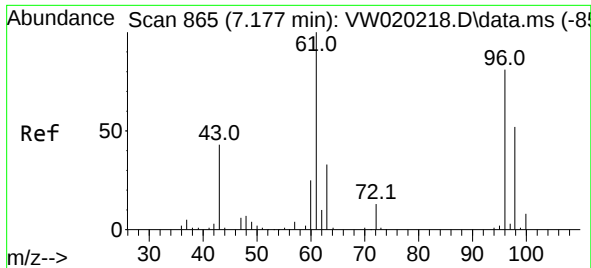
Delta R.T. 0.006 min

Lab File: VW020239.D

Acq: 29 Sep 2021 17:45

Tgt Ion:	96	Resp:	86320
Ion	Ratio	Lower	Upper
96	100		
61	129.7	89.9	167.0
68	0.0	0.0	0.0

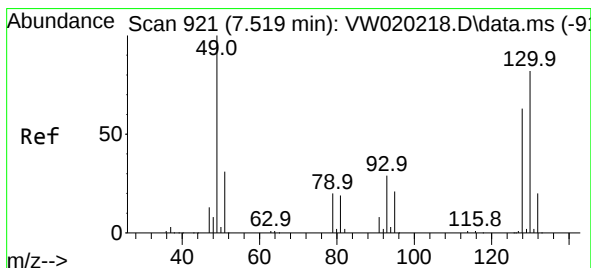
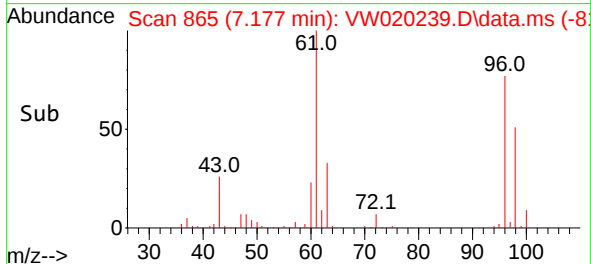
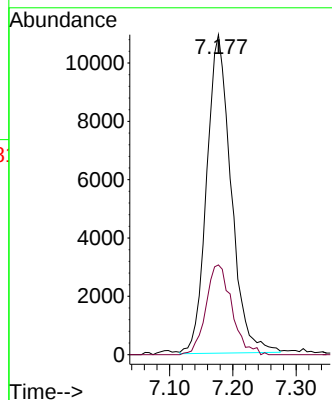
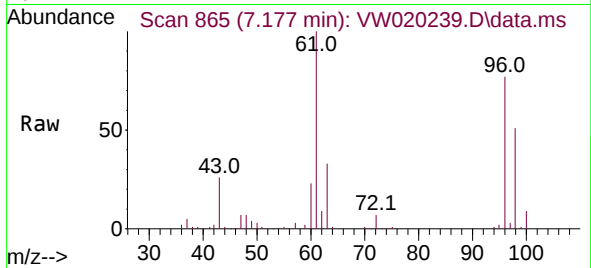




#22
2-Butanone
Concen: 29.363 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

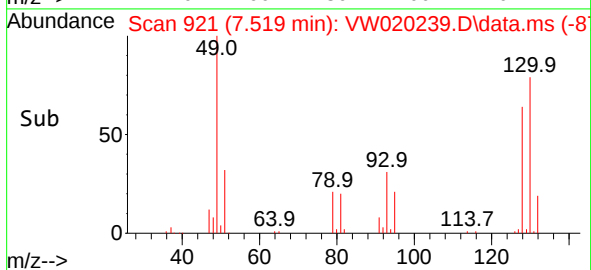
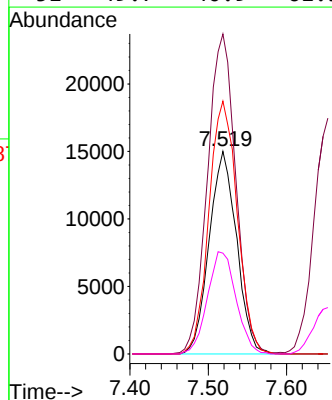
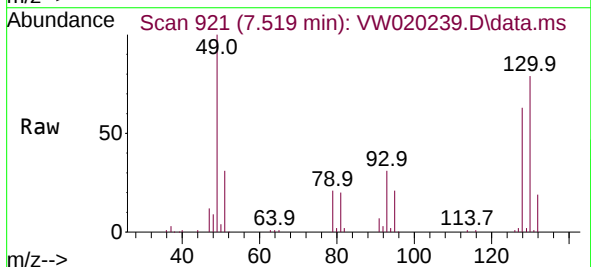
Instrument :
MSVOA_W
ClientSampled :

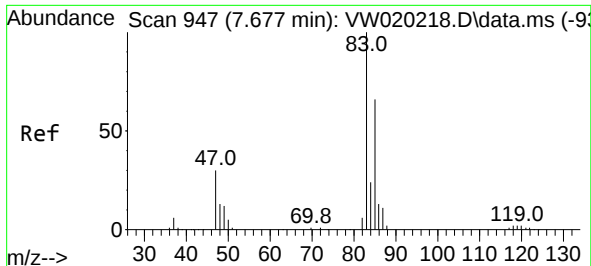
Tgt Ion: 43 Resp: 29226
Ion Ratio Lower Upper
43 100
72 29.5 14.1 42.2



#23
Bromochloromethane
Concen: 19.970 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion: 128 Resp: 36497
Ion Ratio Lower Upper
128 100
49 158.0 114.7 213.1
130 124.8 94.2 175.0
51 49.7 40.9 61.3

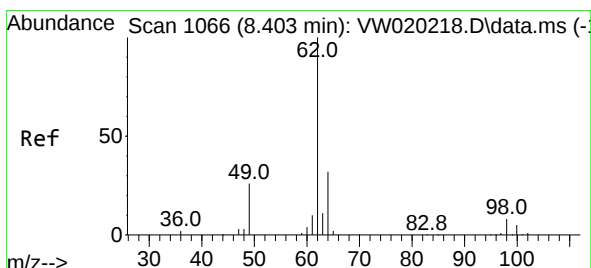
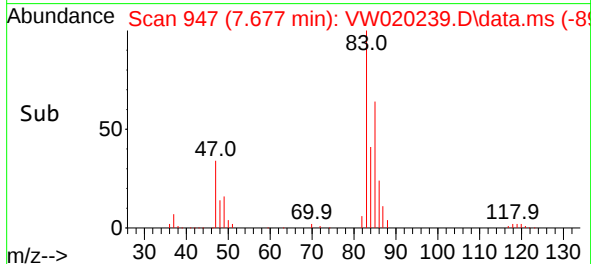
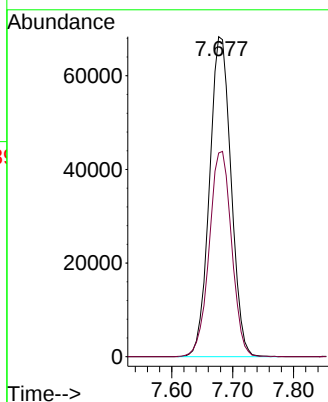
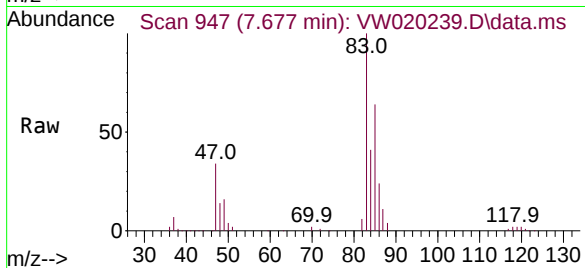




#25
Chloroform
Concen: 21.984 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

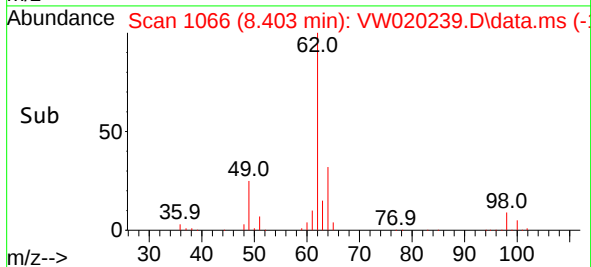
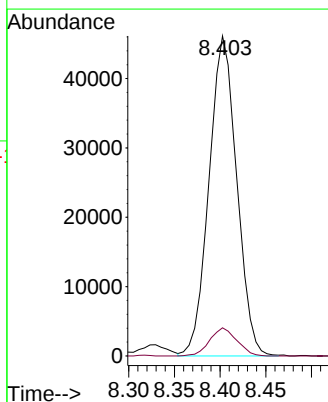
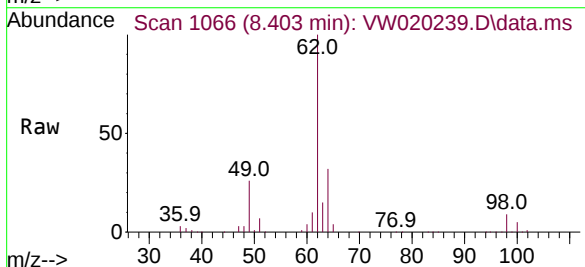
Instrument :
MSVOA_W
ClientSampled :

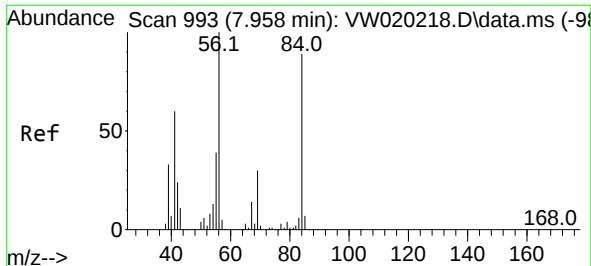
Tgt Ion: 83 Resp: 168092
Ion Ratio Lower Upper
83 100
85 63.6 45.6 84.8



#27
1,2-Dichloroethane
Concen: 19.353 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

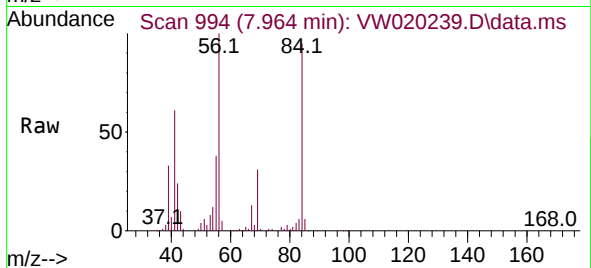
Tgt Ion: 62 Resp: 97380
Ion Ratio Lower Upper
62 100
98 8.8 6.9 10.3



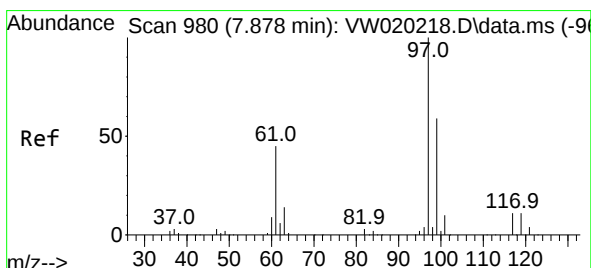
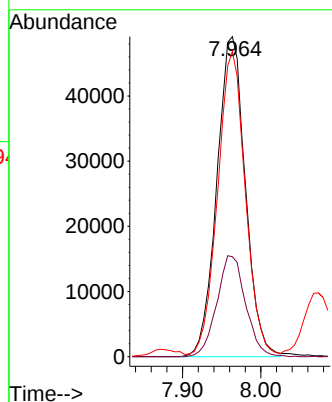
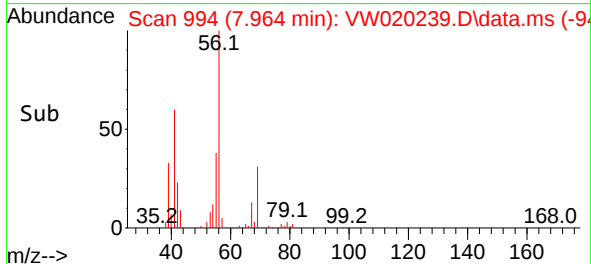


#29
Cyclohexane
Concen: 21.979 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

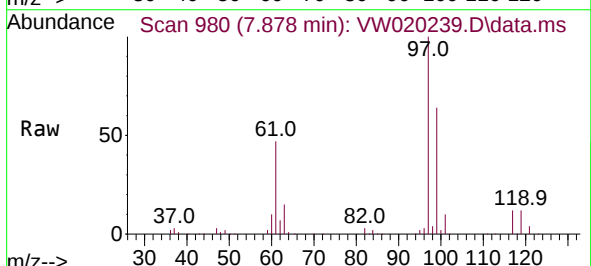
Instrument :
MSVOA_W
ClientSampled :



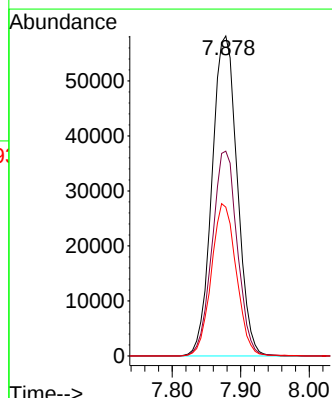
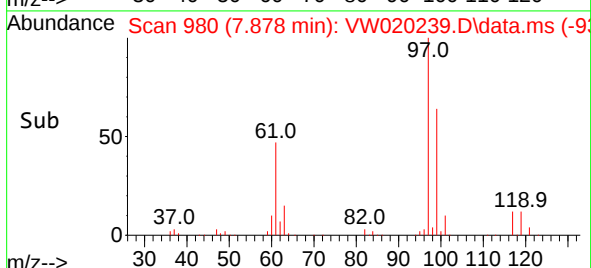
Tgt Ion: 56 Resp: 124089
Ion Ratio Lower Upper
56 100
69 31.8 25.7 38.5
84 93.2 73.4 110.2

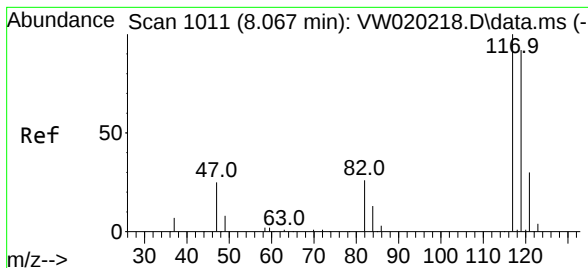


#30
1,1,1-Trichloroethane
Concen: 23.659 ug/L
RT: 7.878 min Scan# 980
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45



Tgt Ion: 97 Resp: 148751
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 47.0 37.5 56.3

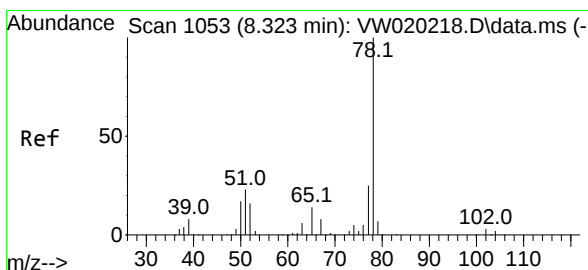
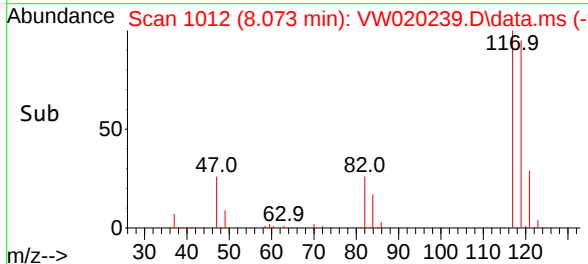
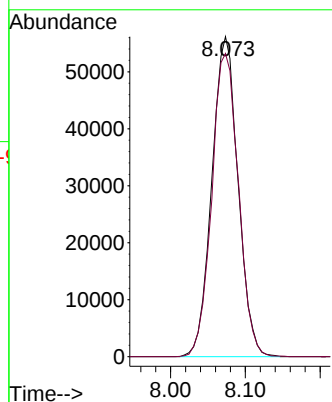
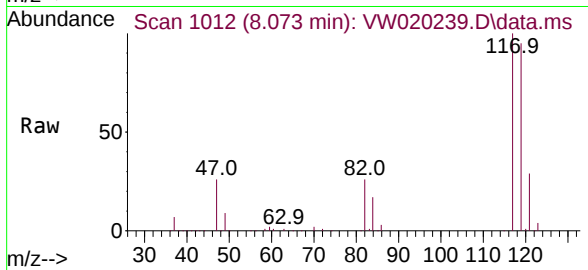




#31
Carbon tetrachloride
Concen: 23.866 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

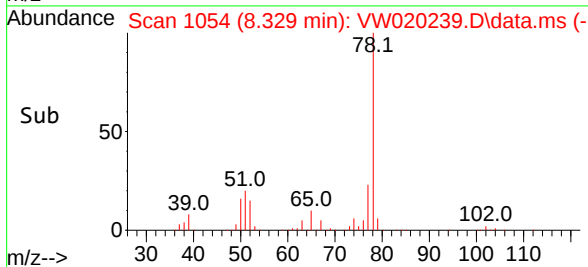
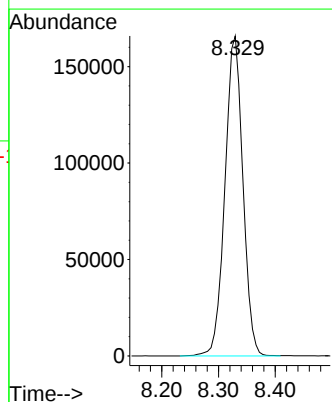
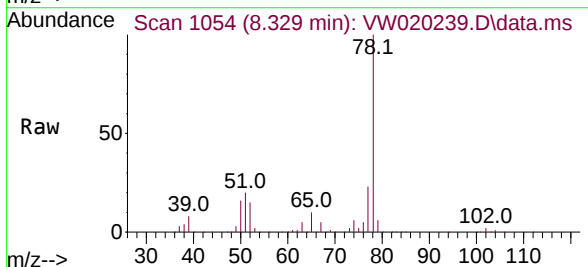
Instrument :
MSVOA_W
ClientSampled :

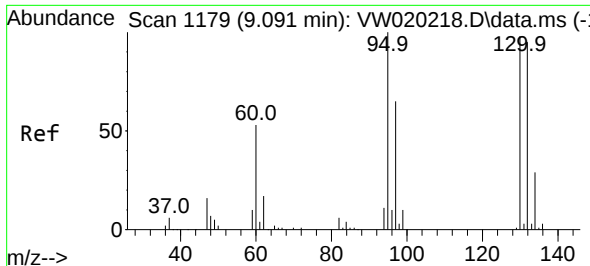
Tgt Ion:117 Resp: 136526
Ion Ratio Lower Upper
117 100
119 96.8 76.4 114.6



#33
Benzene
Concen: 23.805 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion: 78 Resp: 364515





#34

Trichloroethene

Concen: 23.496 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020239.D

Acq: 29 Sep 2021 17:45

Tgt Ion: 95 Resp: 96315

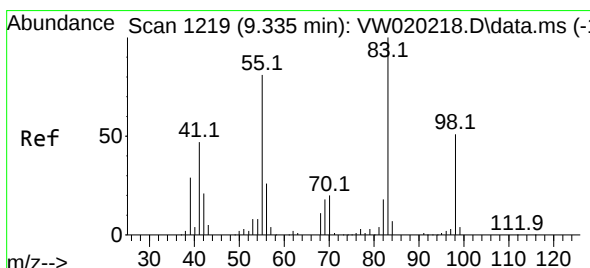
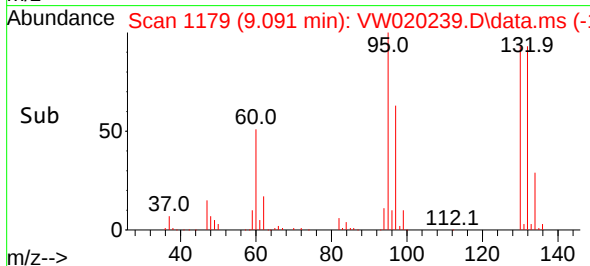
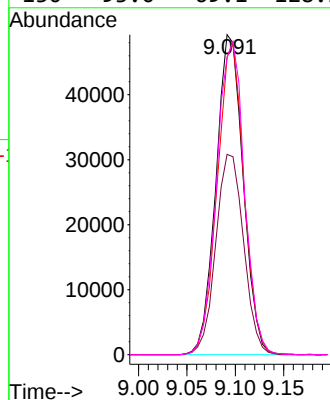
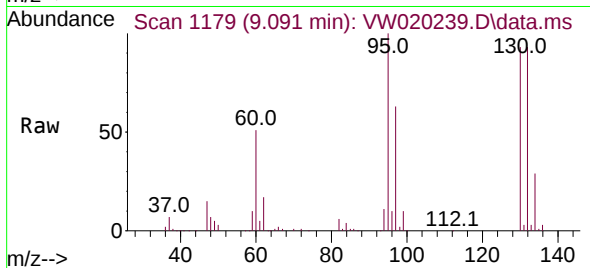
Ion Ratio Lower Upper

95 100

97 62.6 45.1 83.7

132 93.0 67.9 126.1

130 93.0 69.1 128.3



#35

Methylcyclohexane

Concen: 20.939 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020239.D

Acq: 29 Sep 2021 17:45

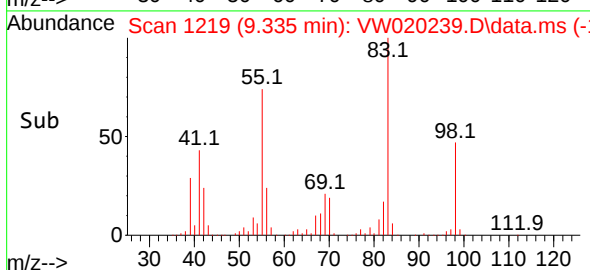
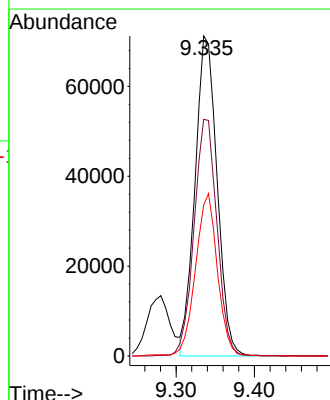
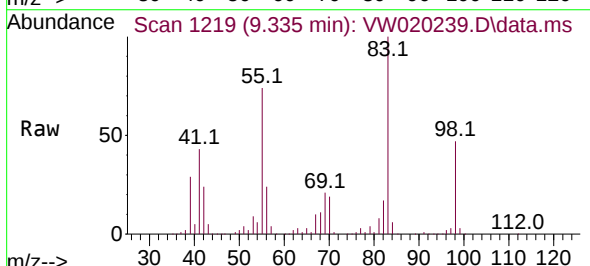
Tgt Ion: 83 Resp: 139853

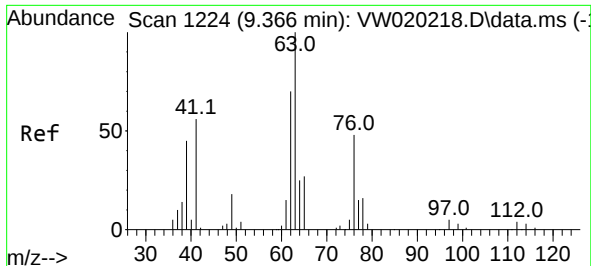
Ion Ratio Lower Upper

83 100

55 76.2 61.4 92.2

98 49.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 22.355 ug/L

RT: 9.372 min Scan# 1225

Delta R.T. 0.006 min

Lab File: VW020239.D

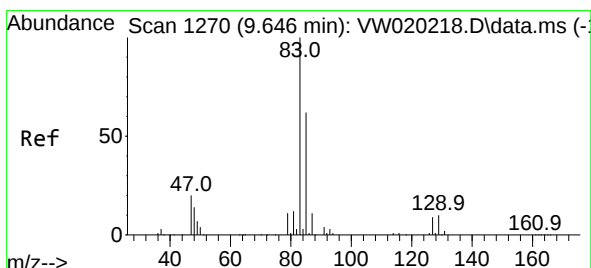
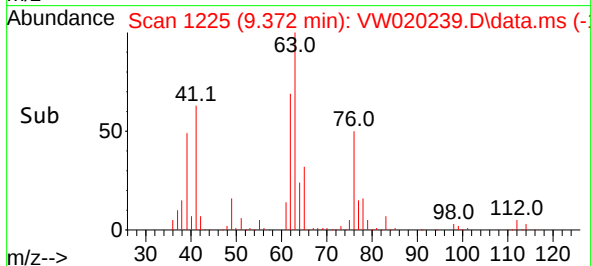
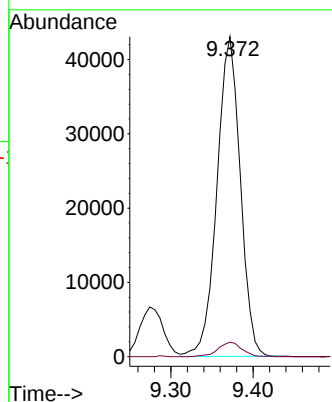
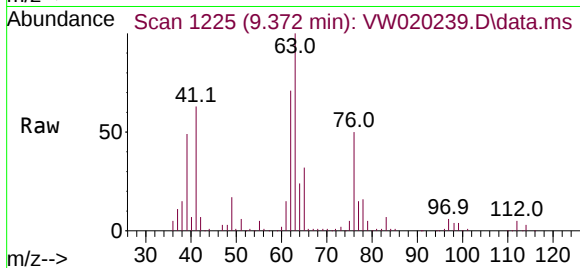
Acq: 29 Sep 2021 17:45

Tgt Ion: 63 Resp: 84786

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 22.131 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020239.D

Acq: 29 Sep 2021 17:45

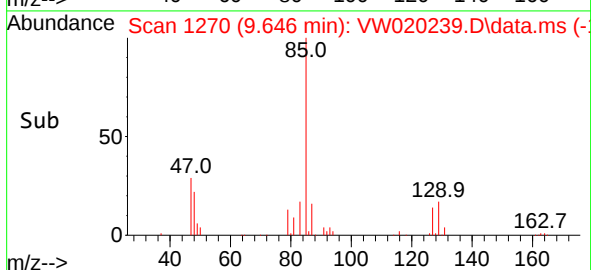
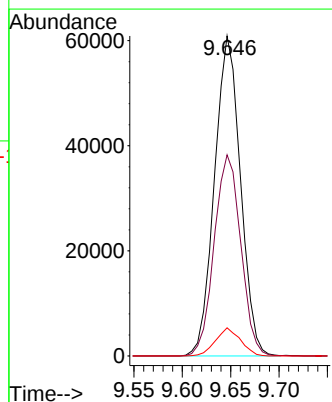
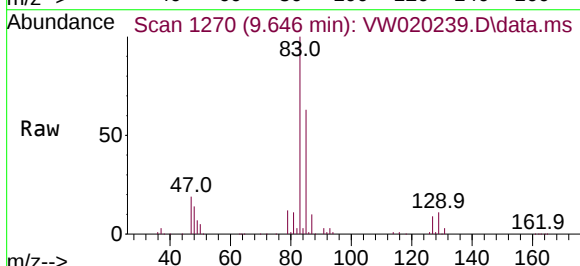
Tgt Ion: 83 Resp: 113668

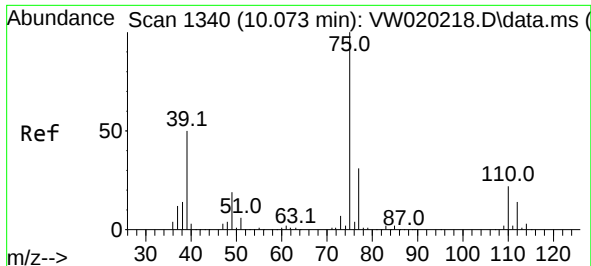
Ion Ratio Lower Upper

83 100

85 62.8 44.4 82.5

127 8.8 6.5 9.7

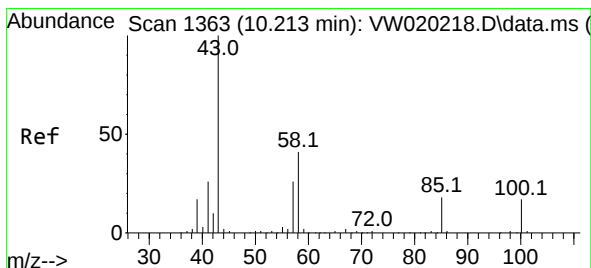
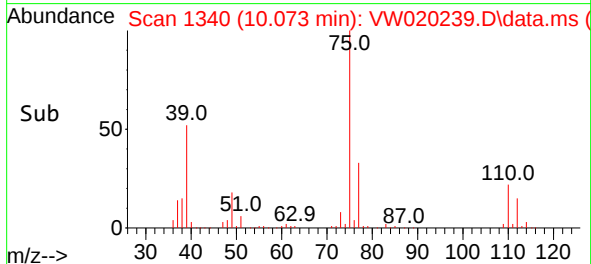
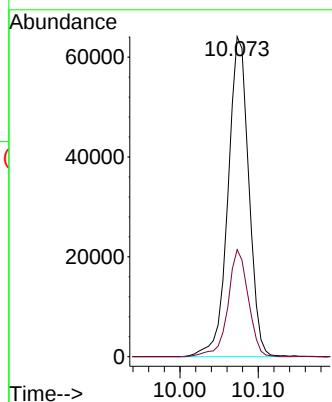
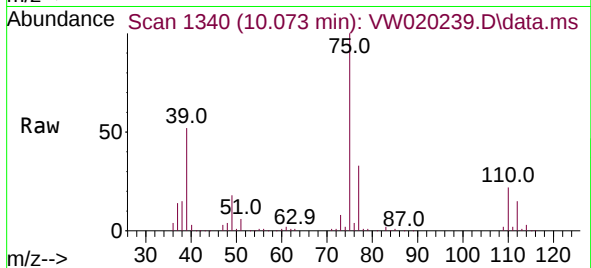




#39
cis-1,3-Dichloropropene
Concen: 21.081 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

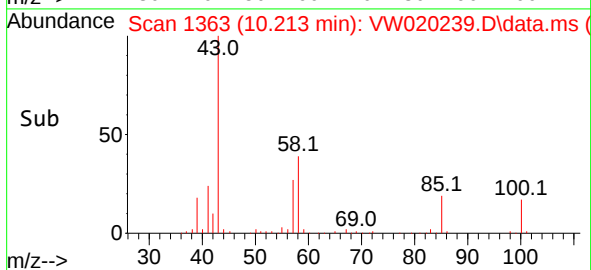
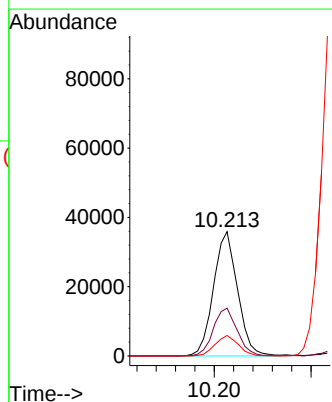
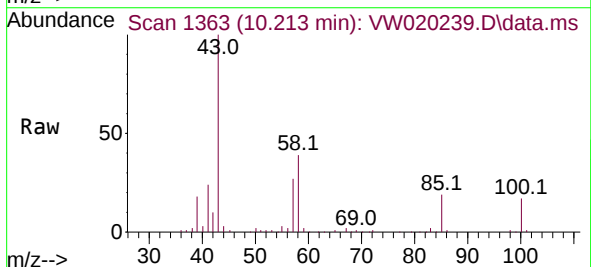
Instrument :
MSVOA_W
ClientSampled :

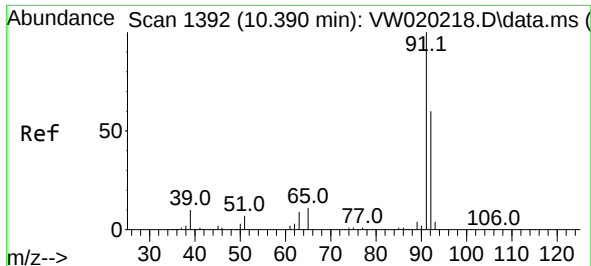
Tgt Ion: 75 Resp: 117931
Ion Ratio Lower Upper
75 100
77 33.4 23.0 42.6



#40
4-Methyl-2-pentanone
Concen: 32.374 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion: 43 Resp: 61839
Ion Ratio Lower Upper
43 100
58 38.1 31.3 46.9
100 15.9 13.3 19.9





#42

Toluene

Concen: 24.791 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020239.D

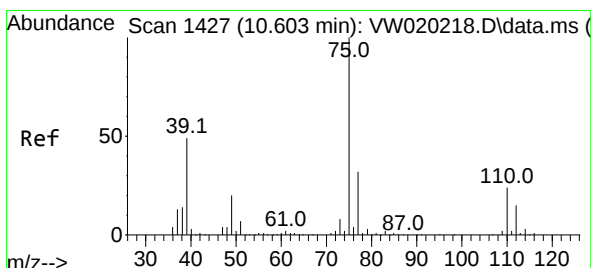
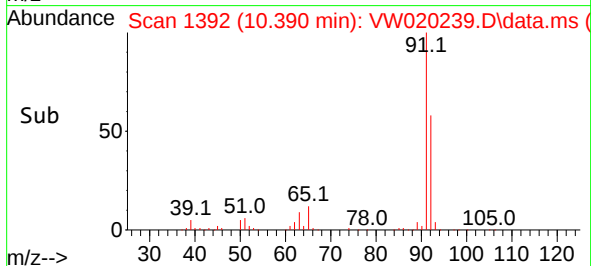
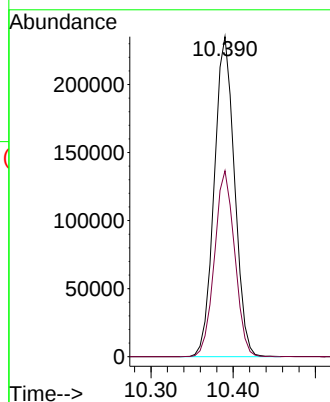
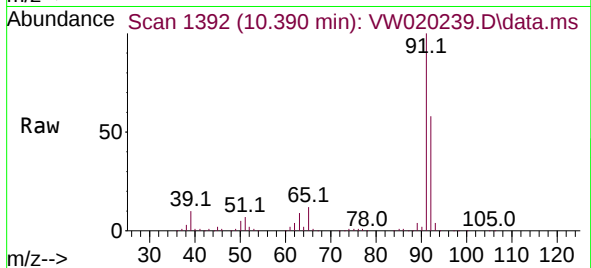
Acq: 29 Sep 2021 17:45

Tgt Ion: 91 Resp: 403311

Ion Ratio Lower Upper

91 100

92 58.1 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 20.307 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW020239.D

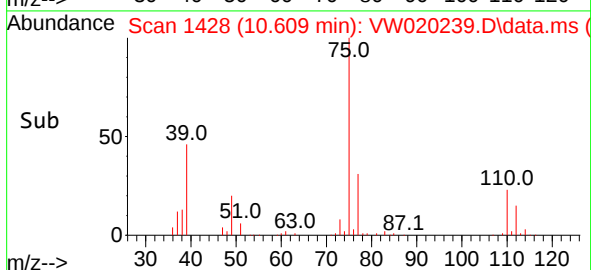
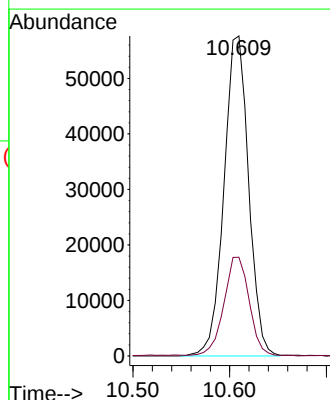
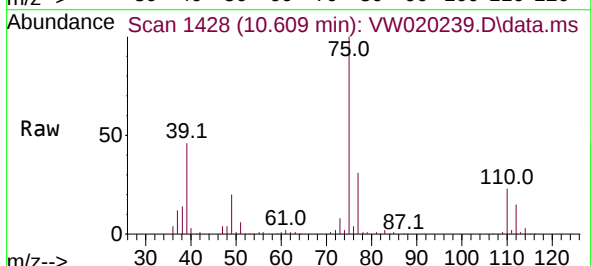
Acq: 29 Sep 2021 17:45

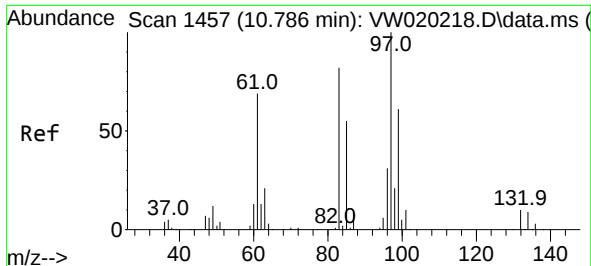
Tgt Ion: 75 Resp: 102040

Ion Ratio Lower Upper

75 100

77 30.8 22.0 40.8

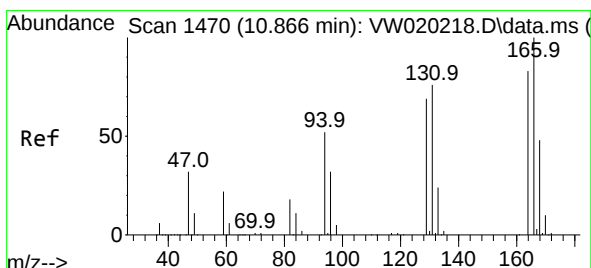
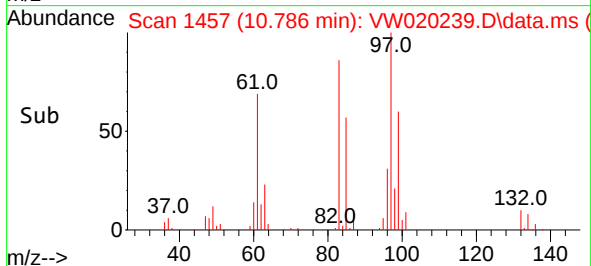
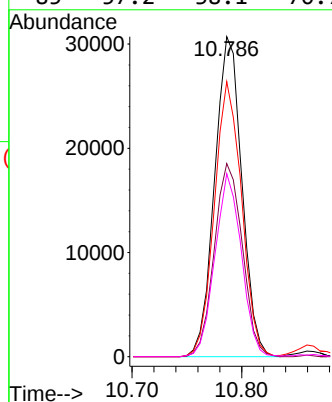
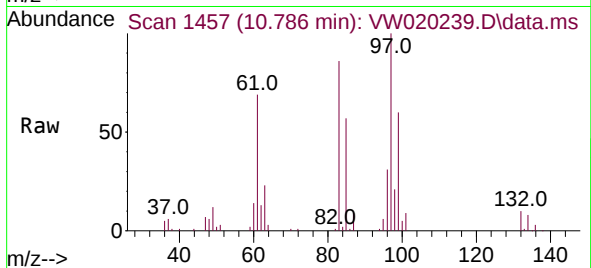




#45
1,1,2-Trichloroethane
Concen: 19.063 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

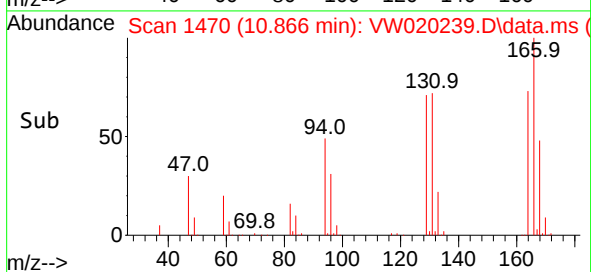
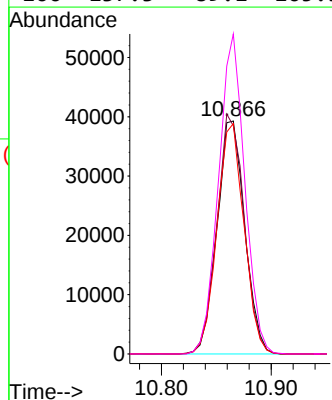
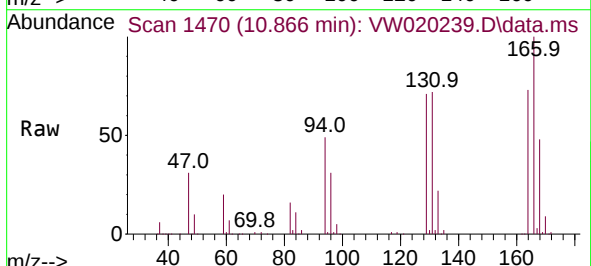
Instrument :
MSVOA_W
ClientSampled :

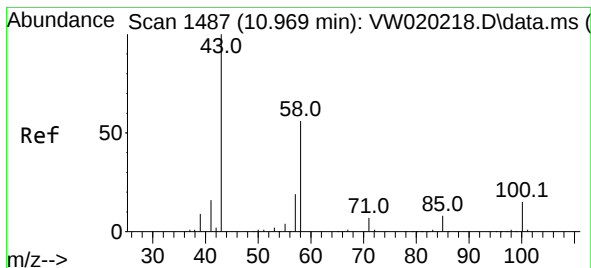
Tgt Ion:	97	Resp:	53014
Ion	Ratio	Lower	Upper
97	100		
99	60.3	42.0	78.0
83	86.0	58.7	108.9
85	57.2	38.1	70.7



#46
Tetrachloroethene
Concen: 21.786 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:	164	Resp:	69025
Ion	Ratio	Lower	Upper
164	100		
129	97.9	69.5	129.1
131	98.9	66.5	123.5
166	137.3	89.1	165.5

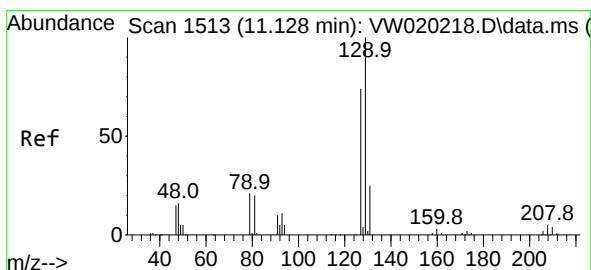
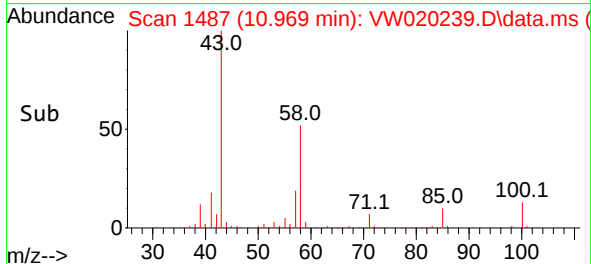
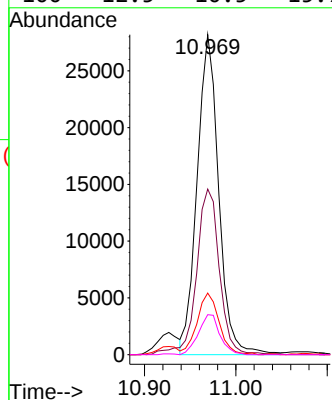
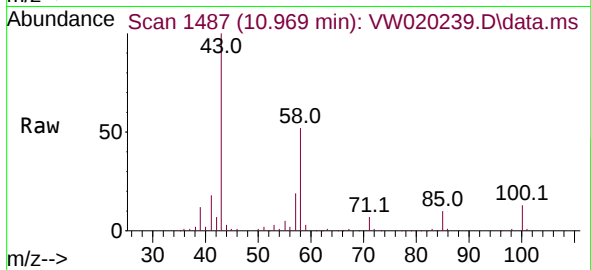




#48
2-Hexanone
Concen: 34.763 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

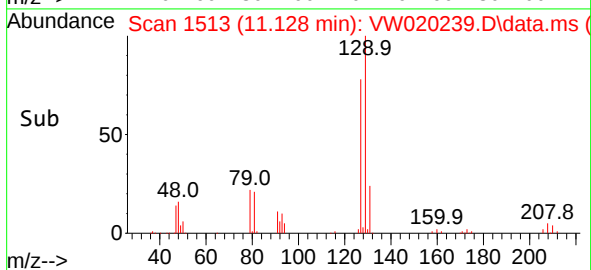
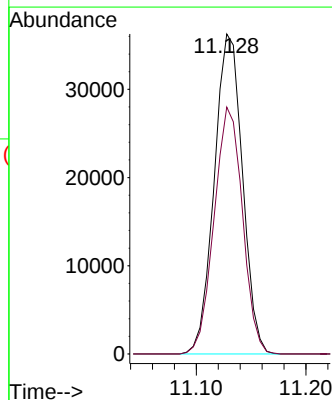
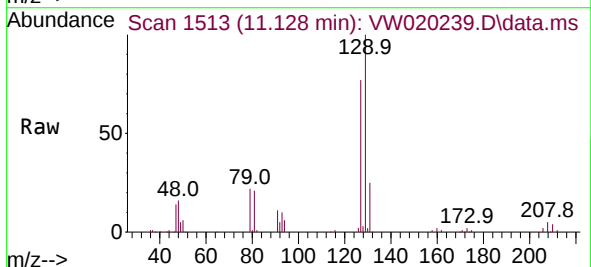
Instrument :
MSVOA_W
ClientSampled :

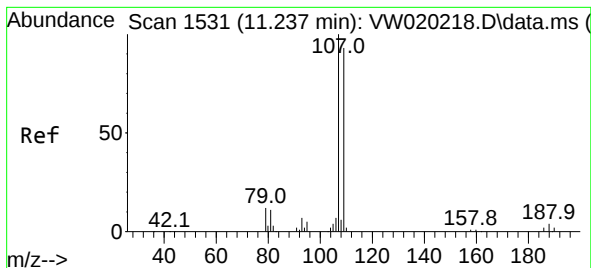
Tgt Ion:	43	Resp:	46256
Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.8	65.6
57	19.5	15.6	23.4
100	12.5	10.5	15.7



#49
Dibromochloromethane
Concen: 19.989 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:	129	Resp:	64958
Ion	Ratio	Lower	Upper
129	100		
127	77.2	57.0	105.8

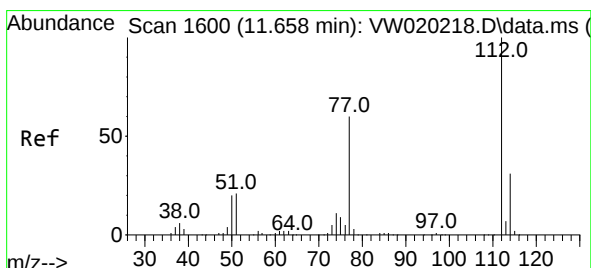
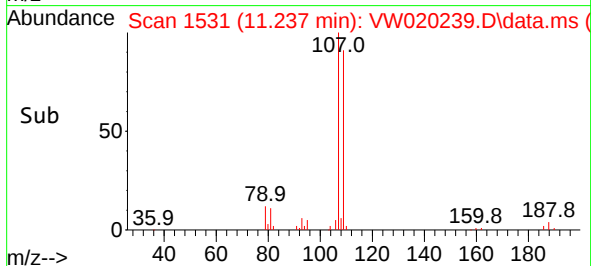
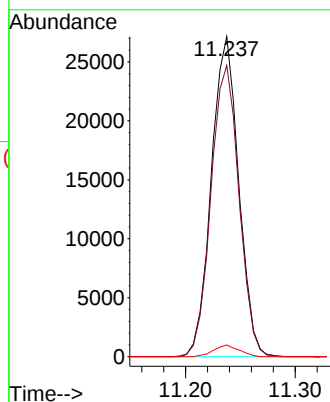
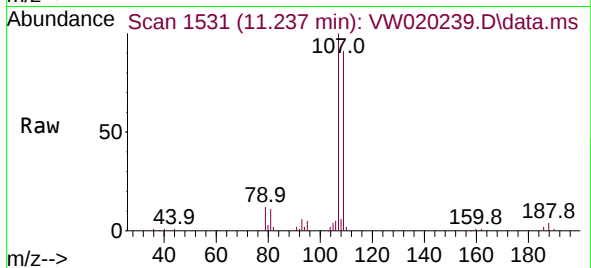




#50
1,2-Dibromoethane
Concen: 17.962 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

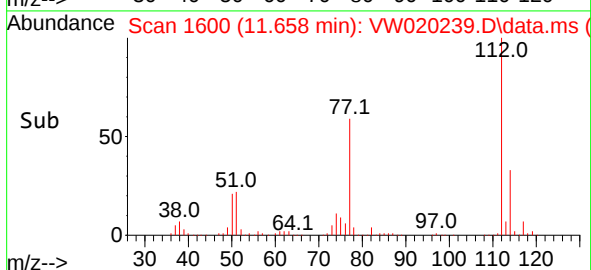
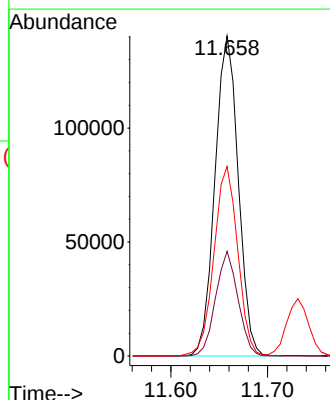
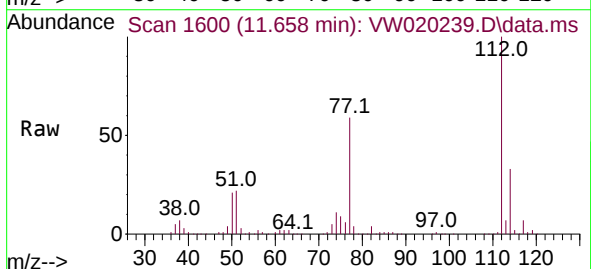
Instrument :
MSVOA_W
ClientSampled :

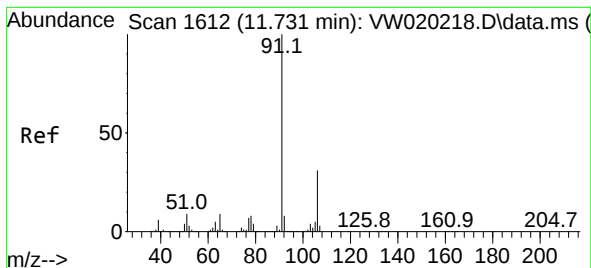
Tgt Ion:107 Resp: 47012
Ion Ratio Lower Upper
107 100
109 91.0 64.1 119.1
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 22.209 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:112 Resp: 234985
Ion Ratio Lower Upper
112 100
114 32.7 21.9 40.7
77 59.2 48.0 72.0

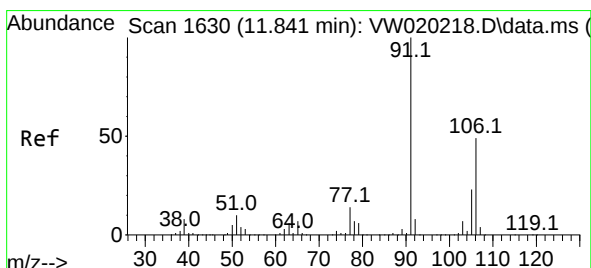
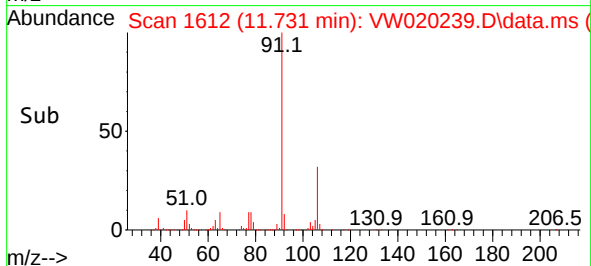
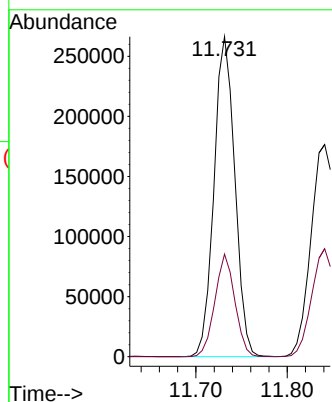
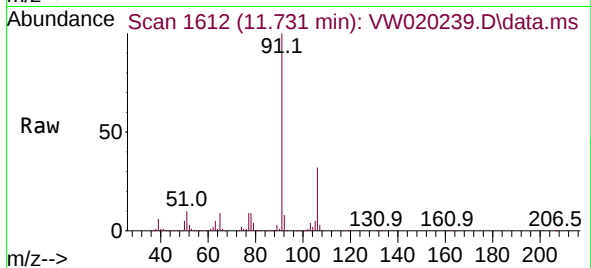




#52
Ethylbenzene
Concen: 23.529 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

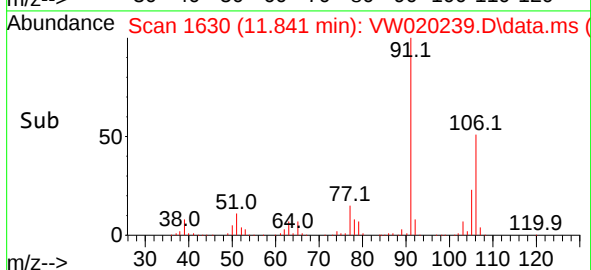
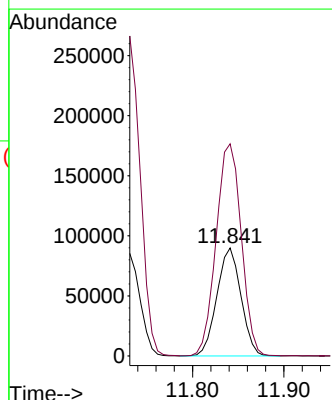
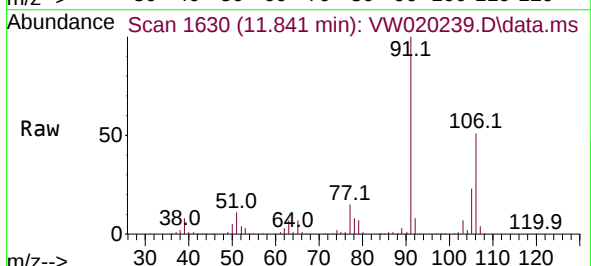
Instrument :
MSVOA_W
ClientSampleId :

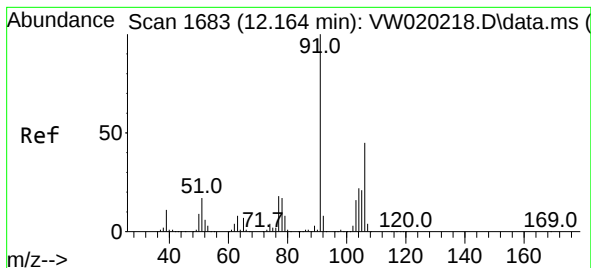
Tgt Ion: 91 Resp: 421603
Ion Ratio Lower Upper
91 100
106 32.1 22.0 40.8



#53
m,p-Xylene
Concen: 24.075 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:106 Resp: 164460
Ion Ratio Lower Upper
106 100
91 196.4 146.4 271.8

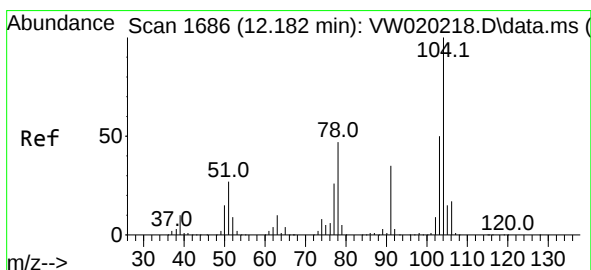
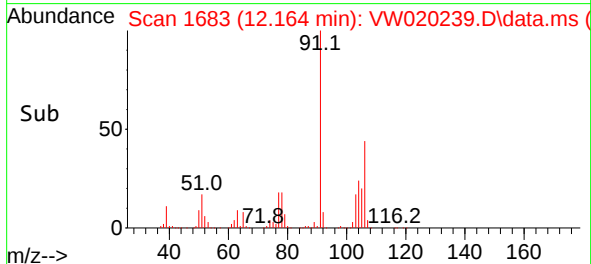
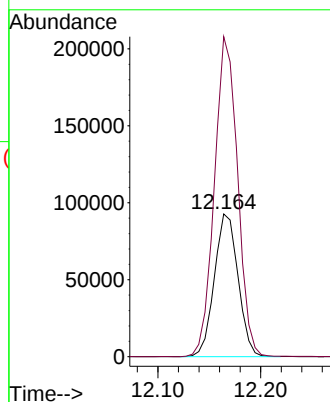
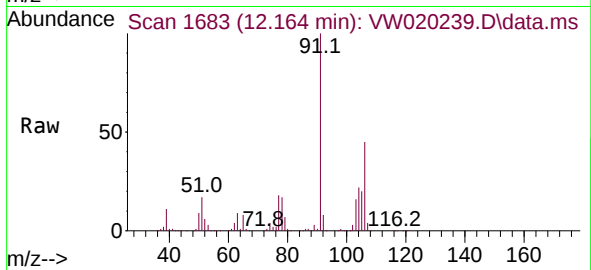




#54
o-Xylene
Concen: 23.456 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

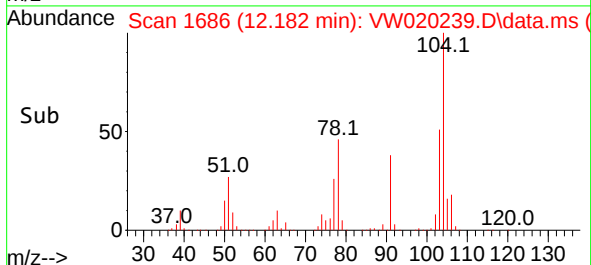
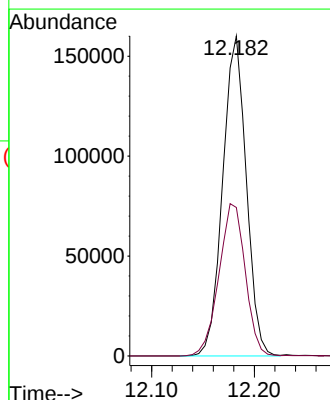
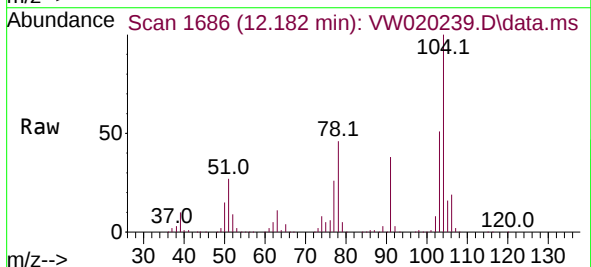
Instrument :
MSVOA_W
ClientSampled :

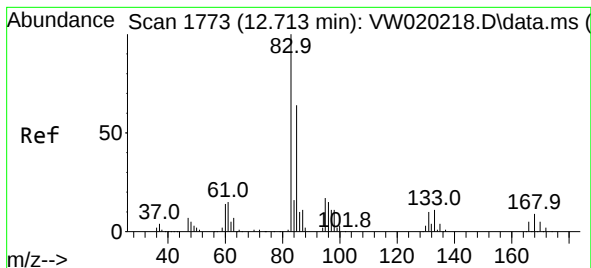
Tgt Ion:106 Resp: 148220
Ion Ratio Lower Upper
106 100
91 224.1 154.3 286.7



#55
Styrene
Concen: 23.235 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:104 Resp: 255126
Ion Ratio Lower Upper
104 100
78 46.4 32.7 60.7

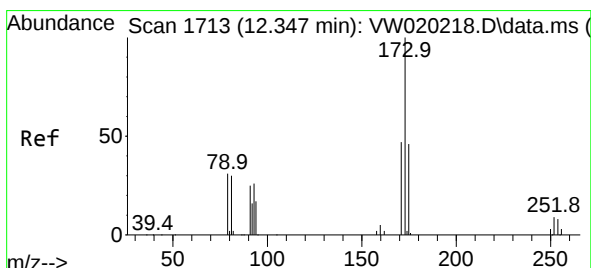
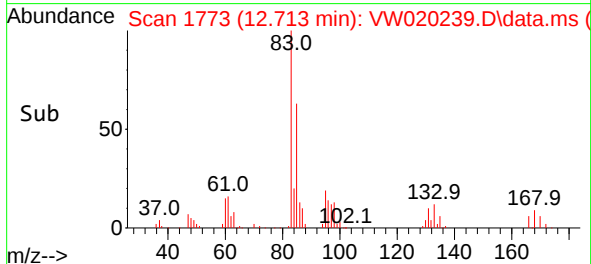
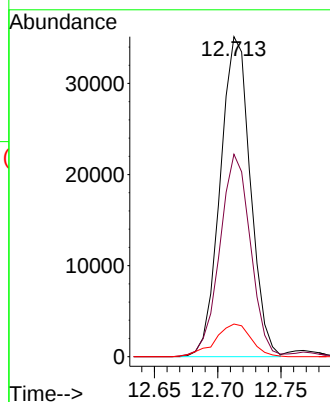
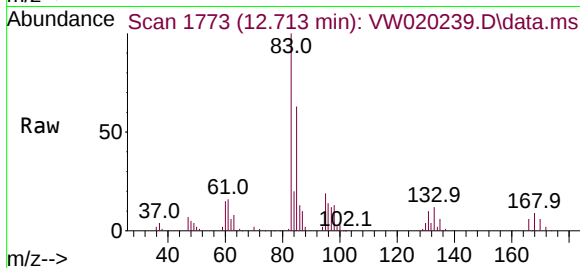




#57
1,1,2,2-Tetrachloroethane
Concen: 17.526 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

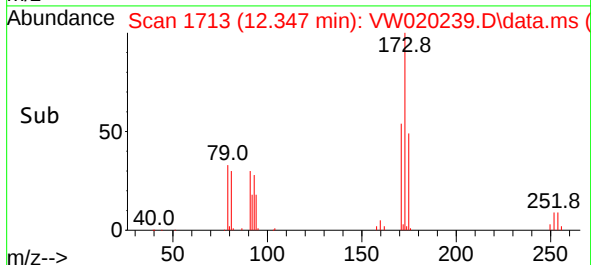
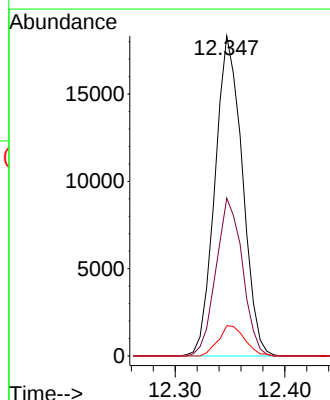
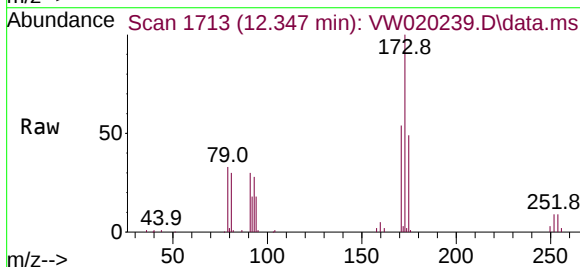
Instrument :
MSVOA_W
ClientSampled :

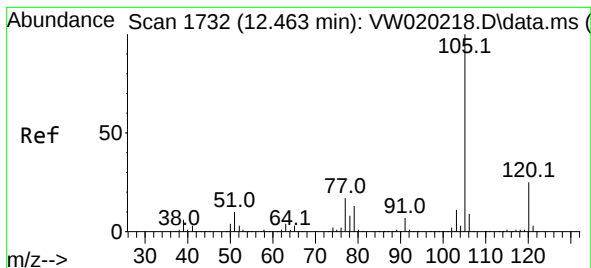
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	43.3	80.5
131	10.2	7.9	11.9



#59
Bromoform
Concen: 19.311 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.2	58.8
254	9.1	6.6	10.0

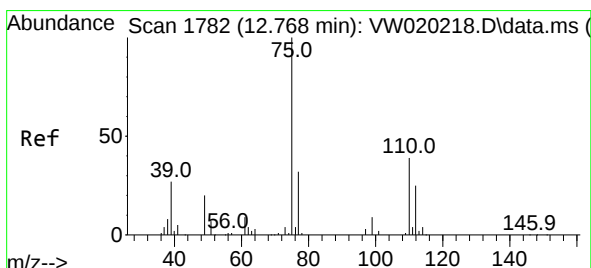
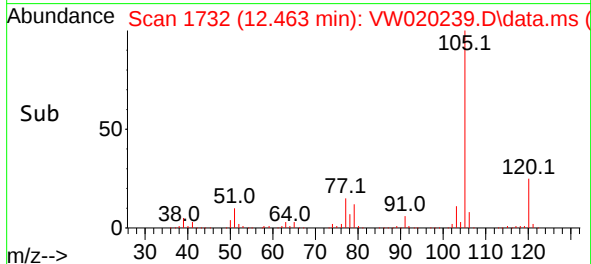
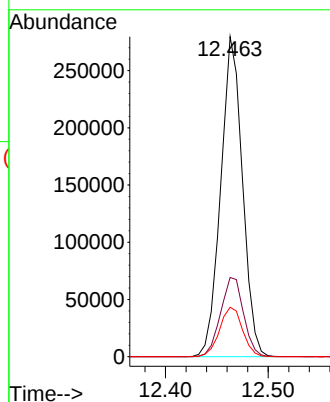
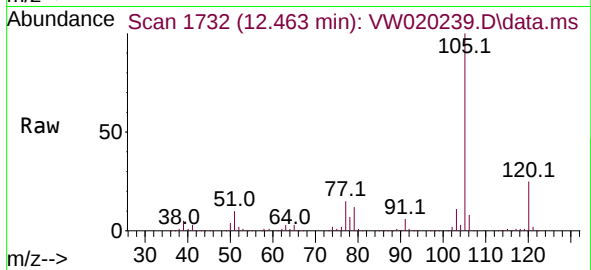




#60
Isopropylbenzene
Concen: 25.379 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

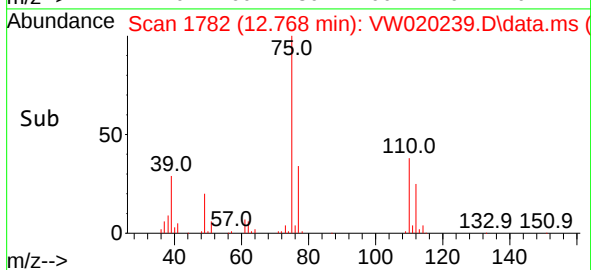
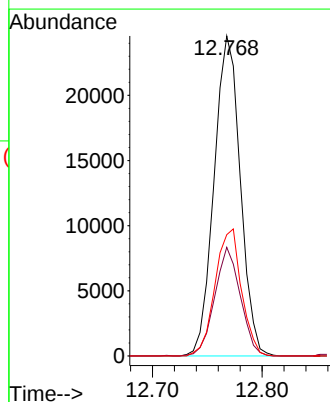
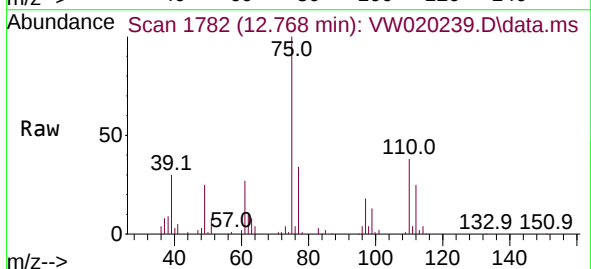
Instrument :
MSVOA_W
ClientSampleId :

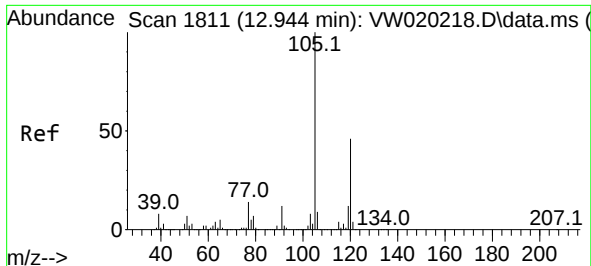
Tgt Ion:105 Resp: 410798
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.3 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 17.907 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion: 75 Resp: 40820
Ion Ratio Lower Upper
75 100
77 33.1 26.3 39.5
110 40.0 30.2 45.2

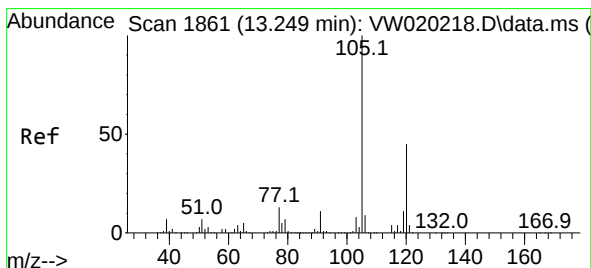
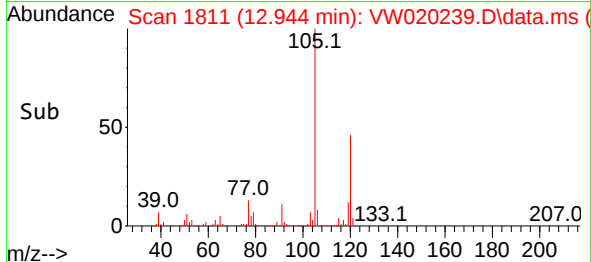
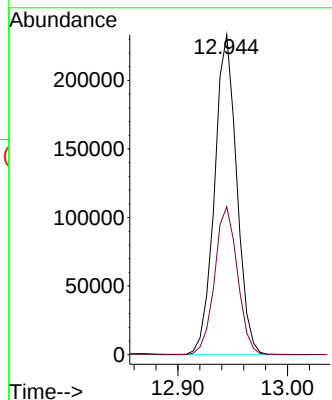
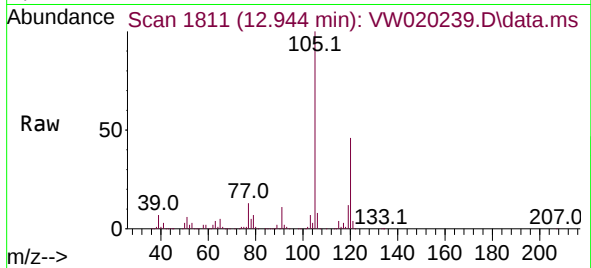




#62
1,3,5-Trimethylbenzene
Concen: 24.747 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

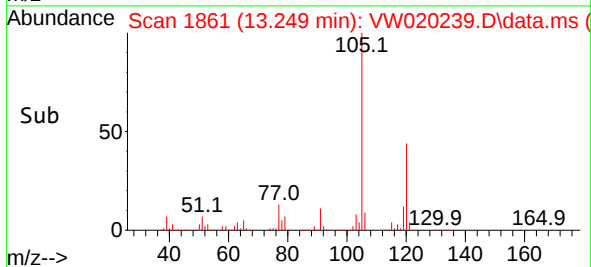
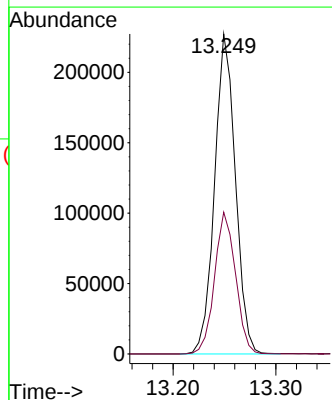
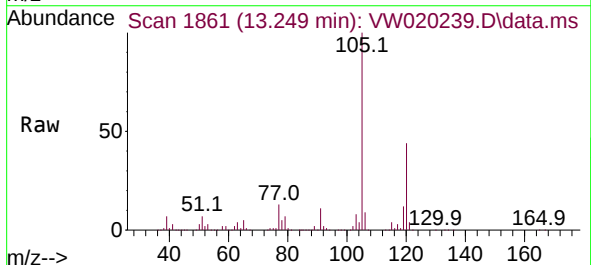
Instrument :
MSVOA_W
ClientSampled :

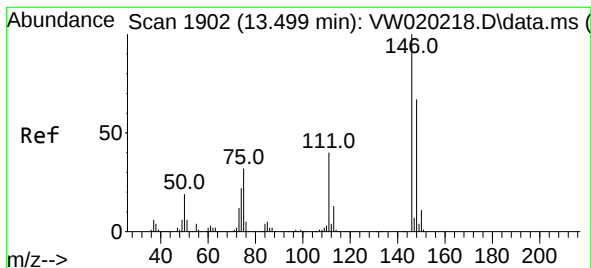
Tgt Ion:105 Resp: 328743
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 24.523 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:105 Resp: 320018
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 21.401 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VW020239.D

Acq: 29 Sep 2021 17:45

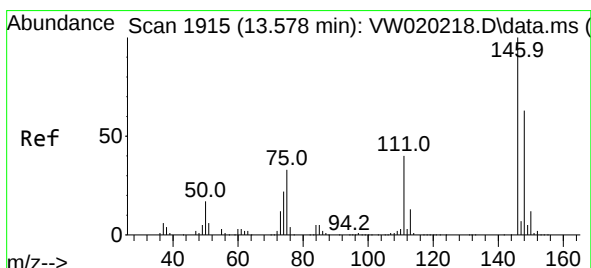
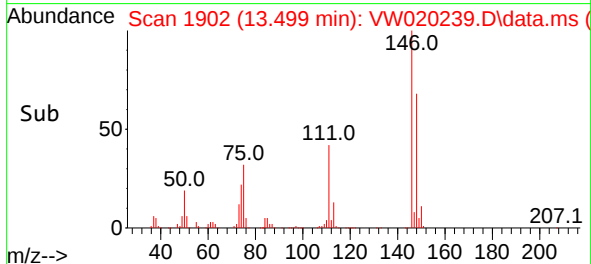
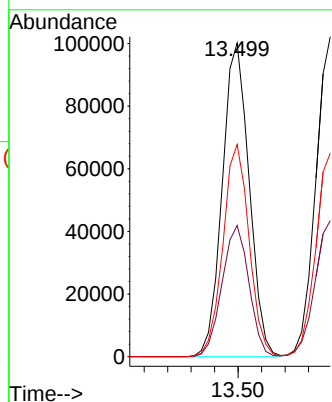
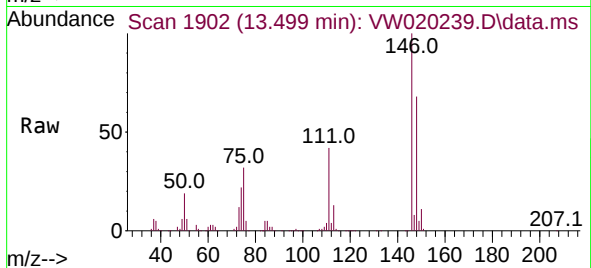
Tgt Ion:146 Resp: 158865

Ion Ratio Lower Upper

146 100

111 41.8 28.3 52.5

148 67.7 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 21.092 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW020239.D

Acq: 29 Sep 2021 17:45

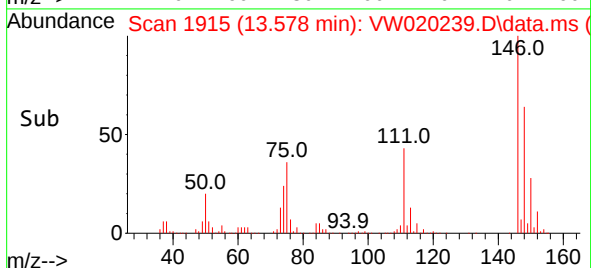
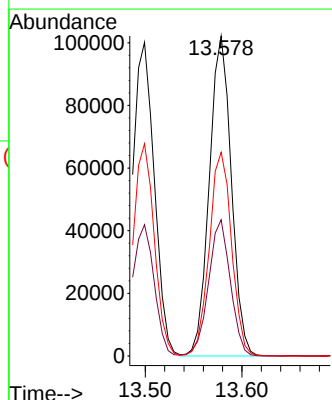
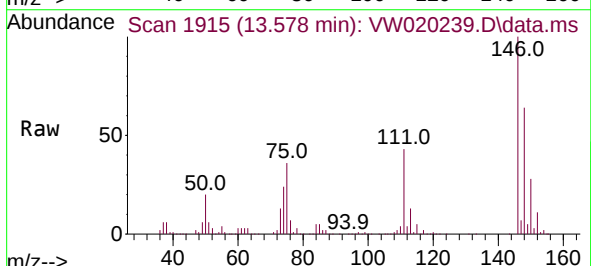
Tgt Ion:146 Resp: 161807

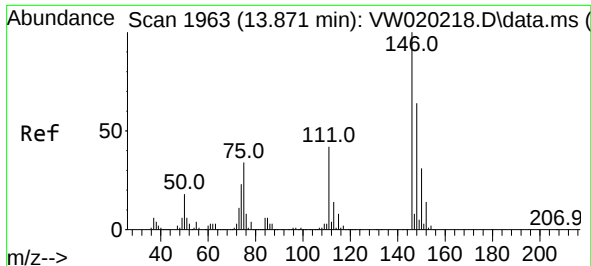
Ion Ratio Lower Upper

146 100

111 42.5 29.6 55.0

148 63.6 45.3 84.1

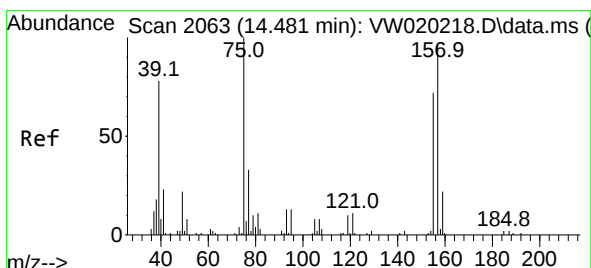
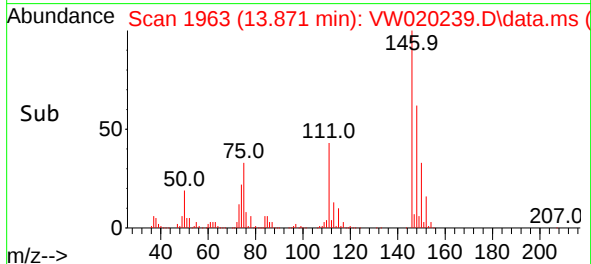
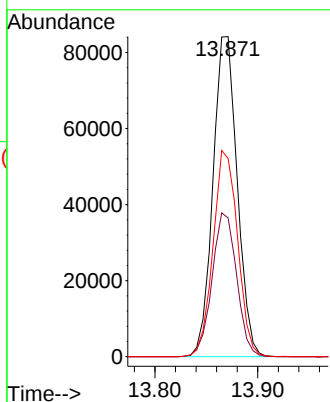
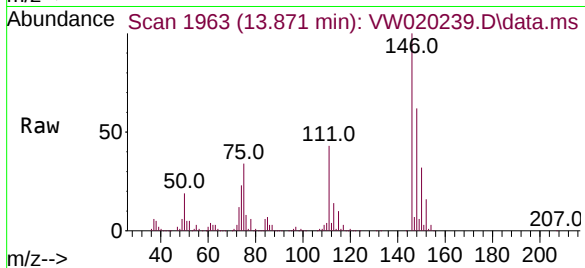




#67
1,2-Dichlorobenzene
Concen: 20.422 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

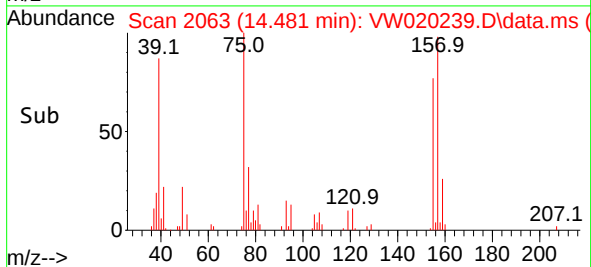
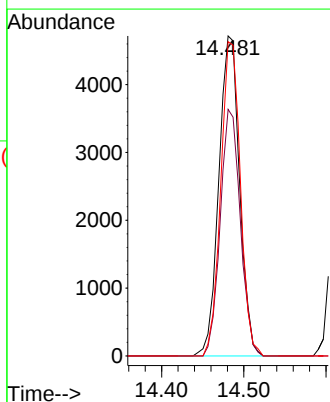
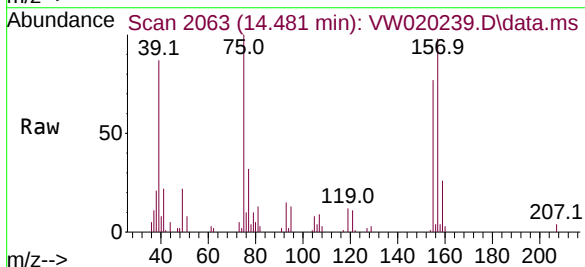
Instrument :
MSVOA_W
ClientSampleId :

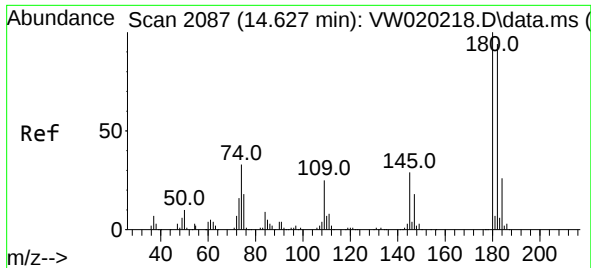
Tgt Ion:146 Resp: 138070
Ion Ratio Lower Upper
146 100
111 43.4 34.7 52.1
148 62.0 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 16.142 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion: 75 Resp: 8260
Ion Ratio Lower Upper
75 100
155 77.0 58.5 87.7
157 98.2 77.4 116.0

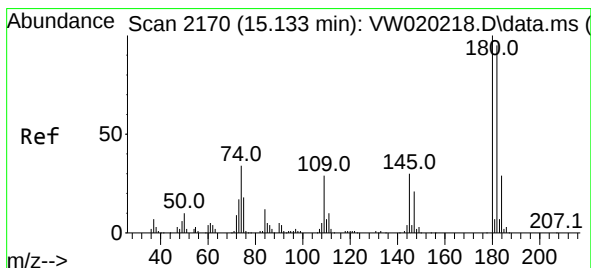
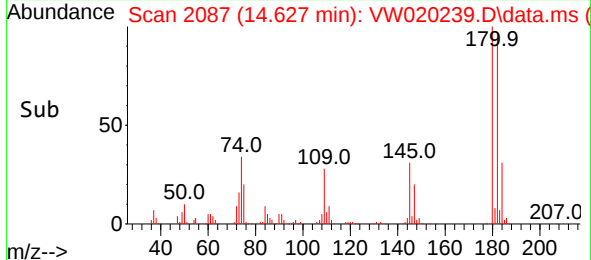
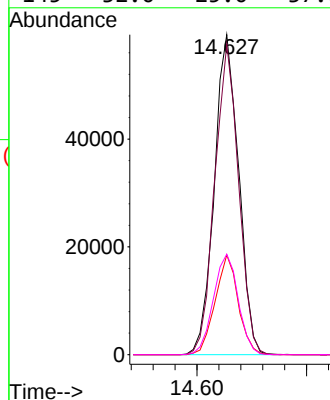
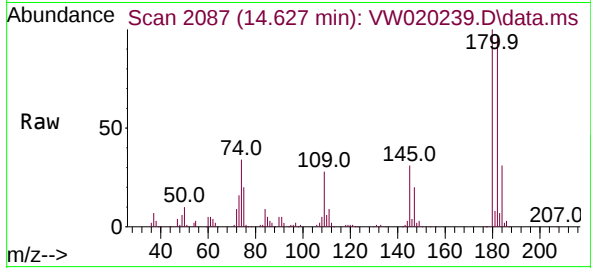




#69
1,3,5-Trichlorobenzene
Concen: 17.857 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

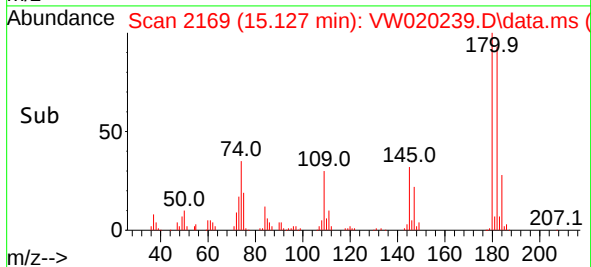
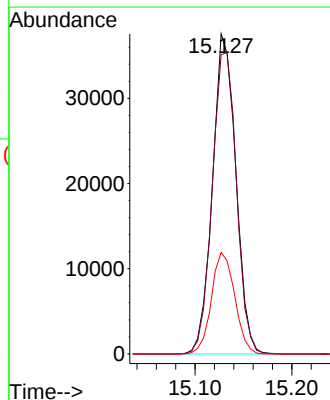
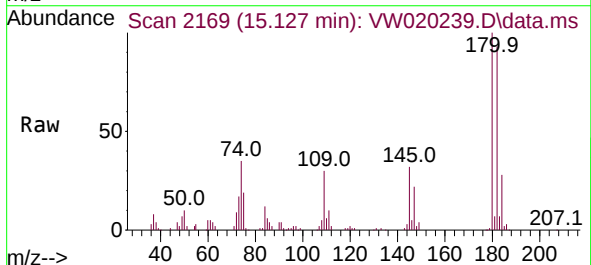
Instrument :
MSVOA_W
ClientSampleId :

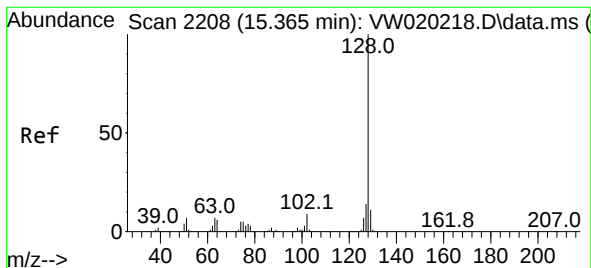
Tgt Ion:	180	Resp:	91685
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.2	112.8
184	29.4	24.3	36.5
145	32.0	25.0	37.6



#70
1,2,4-trichlorobenzene
Concen: 15.865 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:	180	Resp:	62865
Ion Ratio	Lower	Upper	
180	100		
182	98.1	70.6	106.0
145	31.7	25.7	38.5

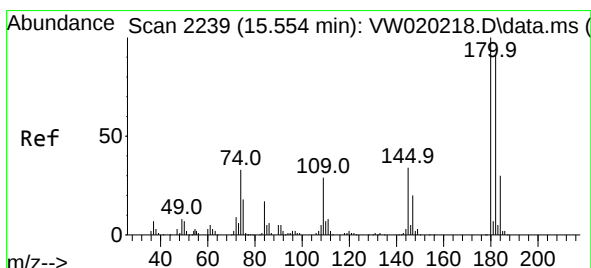
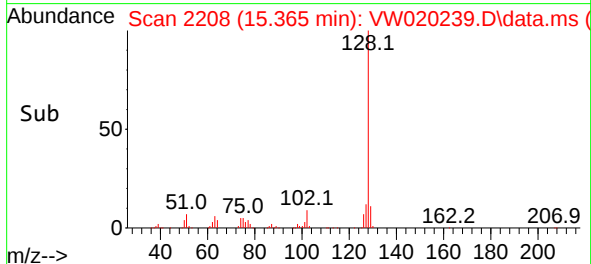
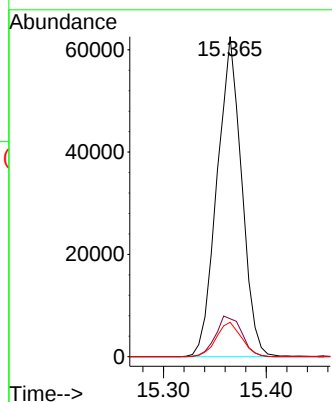
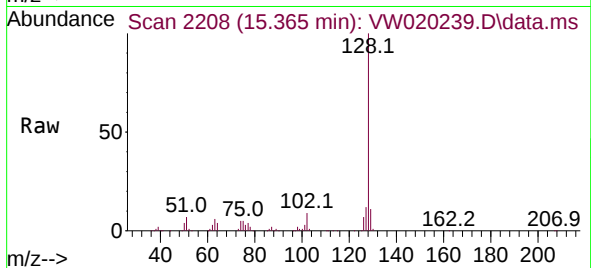




#71
Naphthalene
Concen: 14.850 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 103780
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 15.405 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW020239.D
Acq: 29 Sep 2021 17:45

Tgt Ion:180 Resp: 54965
Ion Ratio Lower Upper
180 100
182 91.0 75.7 113.5
145 34.4 28.2 42.4

