

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020093.D
 Acq On : 21 Sep 2021 15:29
 Operator : SY/VA
 Sample : M3813-05MS
 Misc : 4.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 22 05:08:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 05:02:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	390027	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	363267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	187422	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	151432	18.979	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.920%
7) Chloroethane-d5	2.879	69	129892	21.609	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	4.025	63	260519	20.853	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.400%
21) 2-Butanone-d5	7.080	46	74051	60.141	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.280%
24) Chloroform-d	7.653	84	275955	22.497	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	8.305	65	162070	24.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.275	84	529281	22.838	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.360%
36) 1,2-Dichloropropane-d6	9.274	67	155607	23.200	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.329	98	495499	23.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	10.579	79	75493	26.334	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.320%
47) 2-Hexanone-d5	10.926	63	62836	67.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.400%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	147695	28.547	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	165510	23.551	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	88322	25.854	ug/L	92
3) Chloromethane	2.221	50	115816	24.518	ug/L	99
5) Vinyl chloride	2.373	62	165963	22.374	ug/L	99
6) Bromomethane	2.776	94	68840	14.356	ug/L	98
8) Chloroethane	2.916	64	110490	24.633	ug/L	98
9) Trichlorofluoromethane	3.257	101	122905	23.551	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	127123	22.282	ug/L	98
12) 1,1-Dichloroethene	4.044	96	118265	22.865	ug/L	93
13) Acetone	4.129	43	59845	56.750	ug/L	99
14) Carbon disulfide	4.385	76	368681	22.666	ug/L	99
15) Methyl Acetate	4.678	43	120796	59.901	ug/L	100
16) Methylene chloride	4.921	84	151084	21.953	ug/L	94
17) trans-1,2-Dichloroethene	5.427	96	127604	23.418	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	177244	27.401	ug/L	100
19) 1,1-Dichloroethane	6.220	63	237953	23.676	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	135488	24.449	ug/L	97
22) 2-Butanone	7.177	43	76063	55.597	ug/L	98
23) Bromochloromethane	7.519	128	64984	25.869	ug/L	94
25) Chloroform	7.677	83	248700	23.663	ug/L	99

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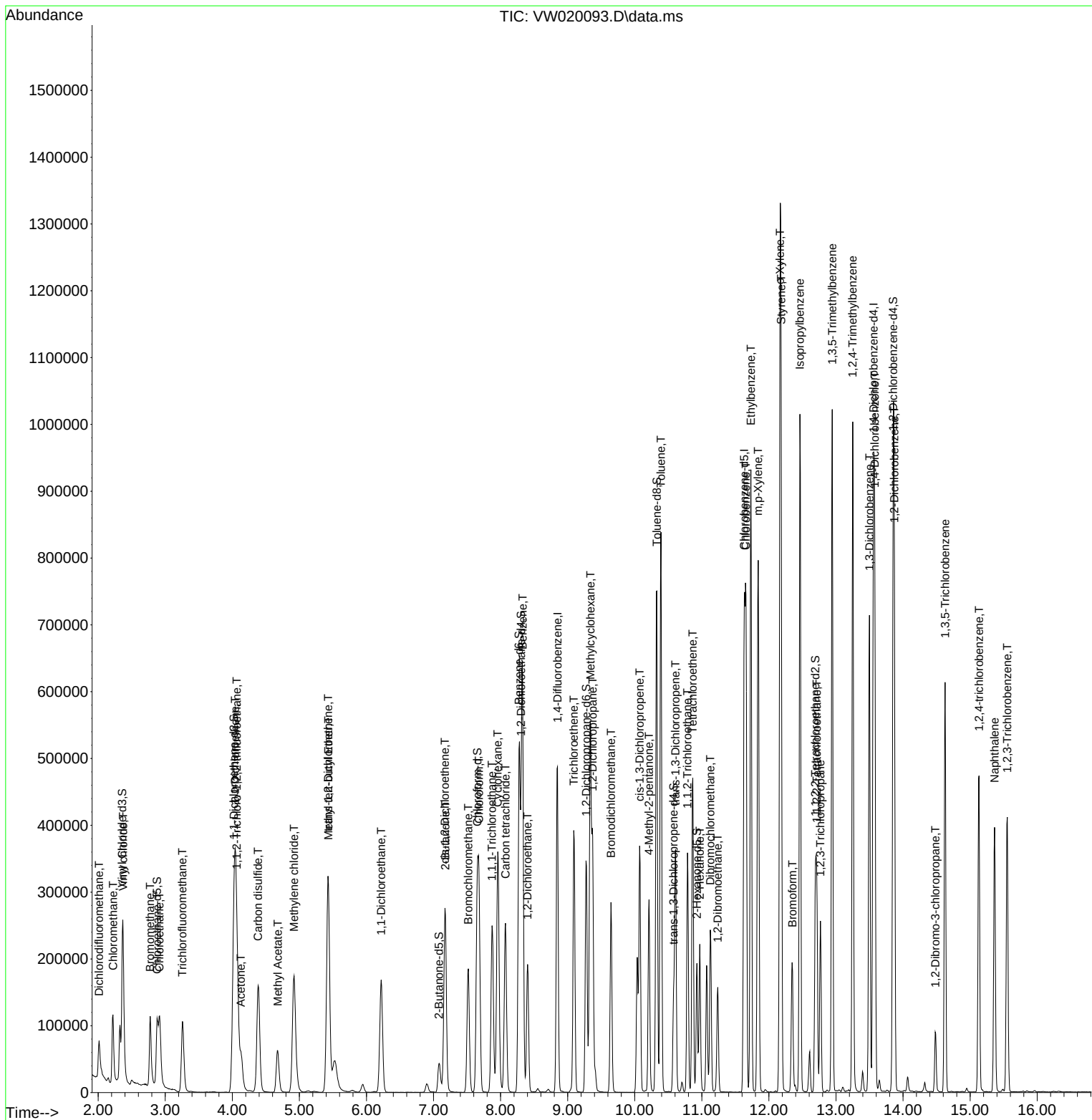
Instrument :
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 ClientSampleId :

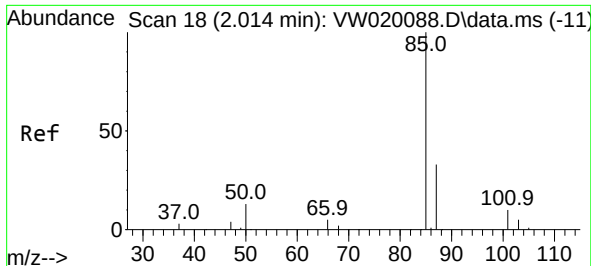
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 Quant Title : SFAM01.0
 QLast Update : Wed Sep 22 05:02:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	179702	25.982	ug/L	100
29) Cyclohexane	7.957	56	192689	23.838	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	203825	22.643	ug/L	99
31) Carbon tetrachloride	8.073	117	189935	23.191	ug/L	98
33) Benzene	8.329	78	538943	24.583	ug/L	100
34) Trichloroethene	9.091	95	135316	23.057	ug/L	97
35) Methylcyclohexane	9.341	83	221484	23.162	ug/L	99
37) 1,2-Dichloropropane	9.372	63	134686	24.803	ug/L	99
38) Bromodichloromethane	9.646	83	182497	24.818	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	209624	26.173	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	179440	65.612	ug/L	100
42) Toluene	10.390	91	601534	25.826	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	199501	27.731	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	106661	26.788	ug/L	98
46) Tetrachloroethene	10.866	164	103787	22.880	ug/L	92
48) 2-Hexanone	10.969	43	128262	67.326	ug/L	99
49) Dibromochloromethane	11.128	129	121946	26.210	ug/L	98
50) 1,2-Dibromoethane	11.237	107	104619	27.919	ug/L	99
51) Chlorobenzene	11.658	112	360746	23.813	ug/L	99
52) Ethylbenzene	11.731	91	630444	24.575	ug/L	98
53) m,p-Xylene	11.841	106	242202	24.764	ug/L	98
54) o-Xylene	12.164	106	231129	25.547	ug/L	98
55) Styrene	12.182	104	405103	25.768	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	137490	28.910	ug/L	96
59) Bromoform	12.353	173	66562	26.048	ug/L	95
60) Isopropylbenzene	12.463	105	627143	24.956	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	103433	29.227	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	505423	24.507	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	517288	25.533	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	276582	23.999	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	286064	24.019	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	253931	24.193	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23483	29.559	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	177438	22.260	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	140363	22.817	ug/L	90
71) Naphthalene	15.365	128	327563	30.191	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	132171	23.861	ug/L	98

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

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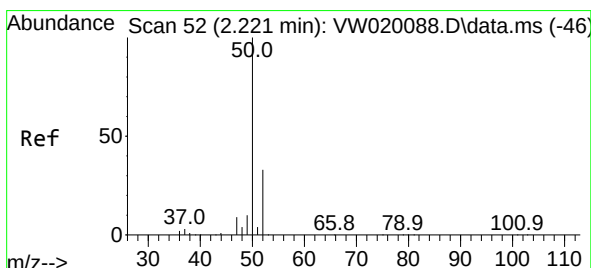
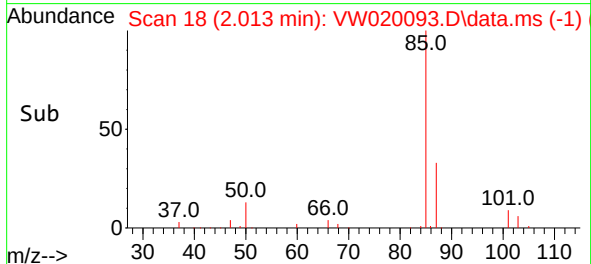
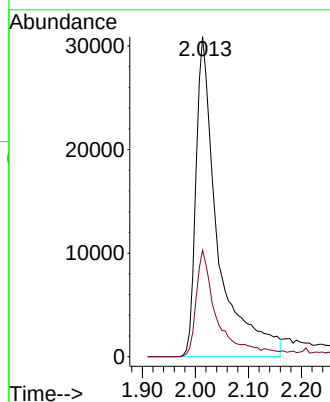
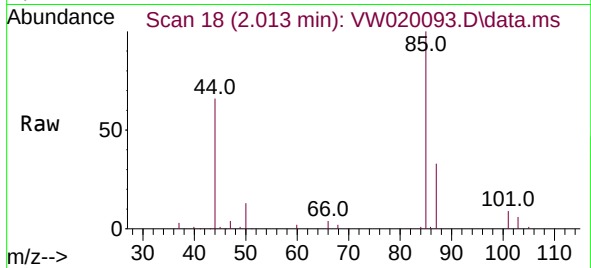




#2
Dichlorodifluoromethane
Concen: 25.854 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

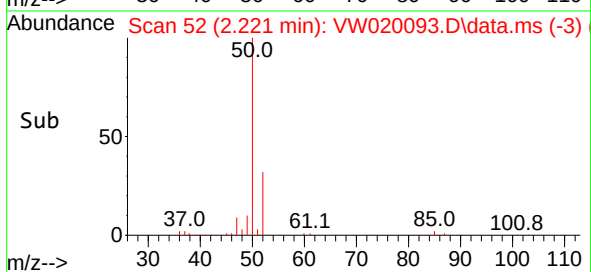
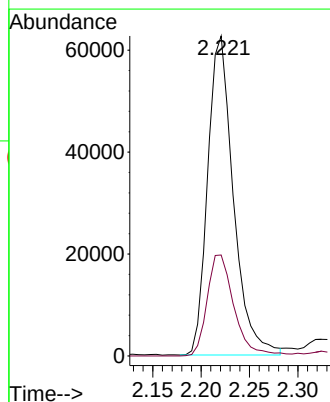
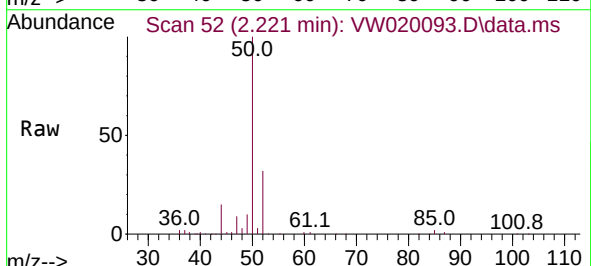
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MSVOA_W
ClientSampled :

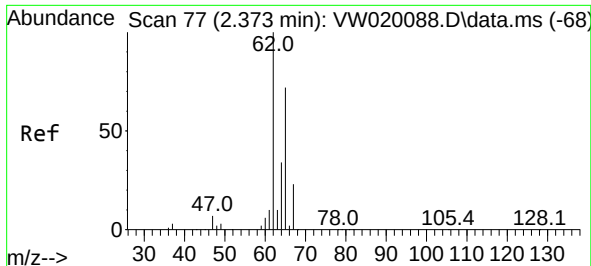
Tgt Ion: 85 Resp: 88322
Ion Ratio Lower Upper
85 100
87 28.5 26.3 39.5



#3
Chloromethane
Concen: 24.518 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 50 Resp: 115816
Ion Ratio Lower Upper
50 100
52 31.5 22.5 41.9

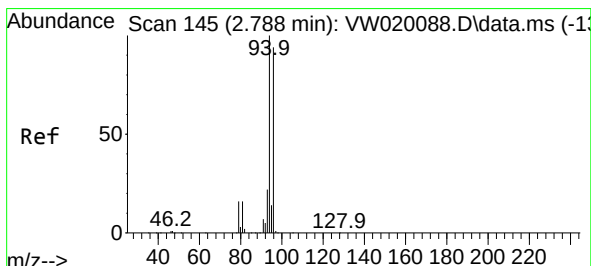
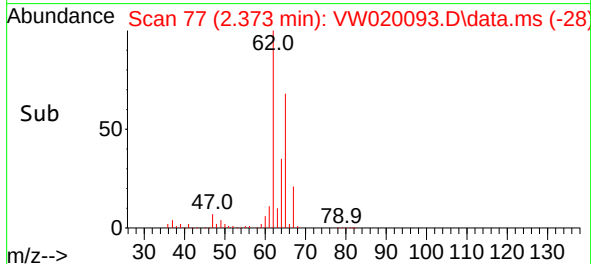
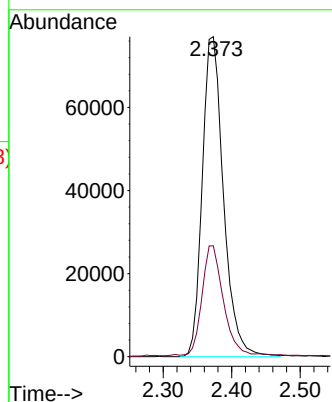
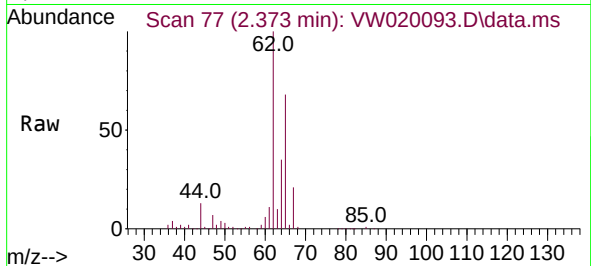




#5
 Vinyl chloride
 Concen: 22.374 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VW020093.D
 Acq: 21 Sep 2021 15:29

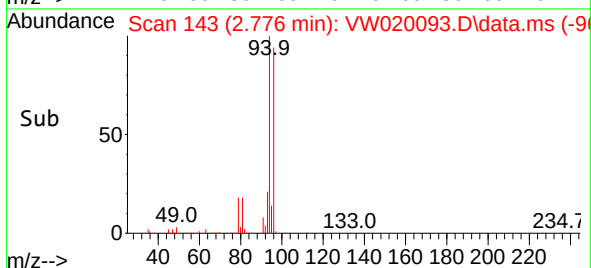
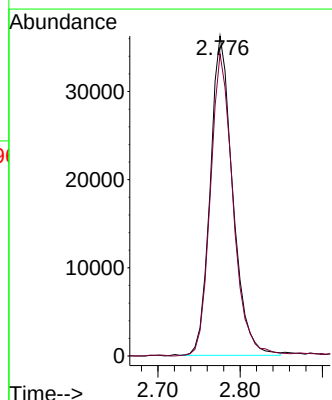
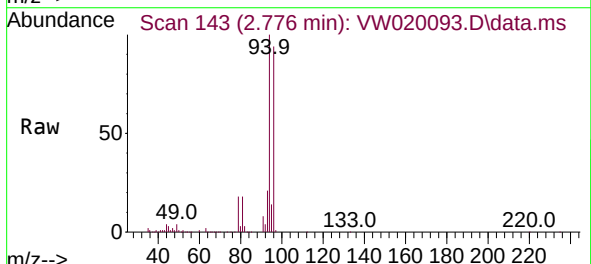
Instrument :
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 ClientSampled :

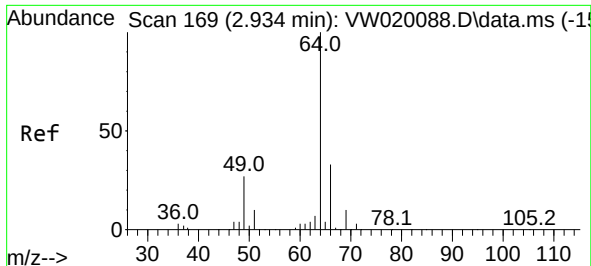
Tgt Ion: 62 Resp: 165963
 Ion Ratio Lower Upper
 62 100
 64 34.7 24.5 45.5



#6
 Bromomethane
 Concen: 14.356 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW020093.D
 Acq: 21 Sep 2021 15:29

Tgt Ion: 94 Resp: 68840
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.3

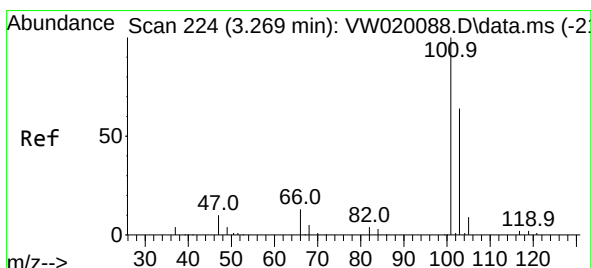
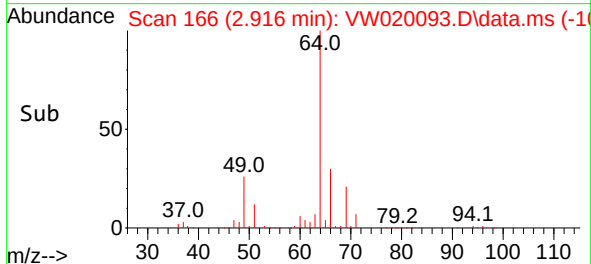
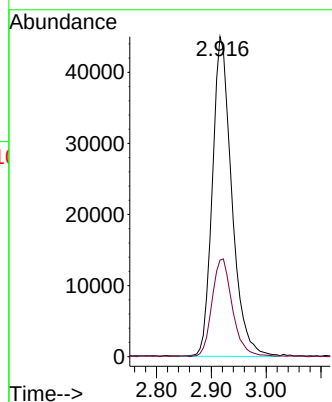
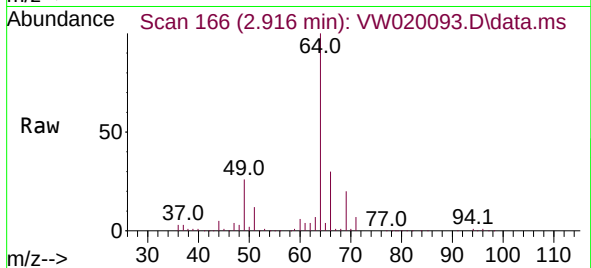




#8
Chloroethane
Concen: 24.633 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.018 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

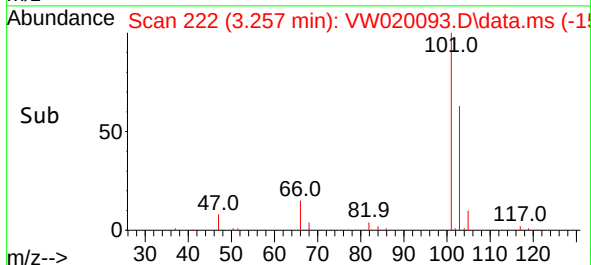
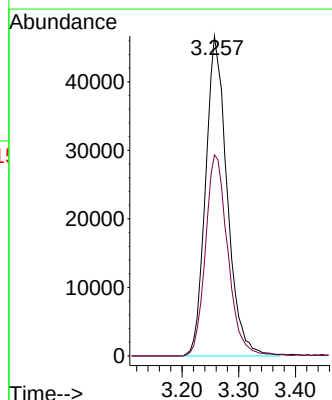
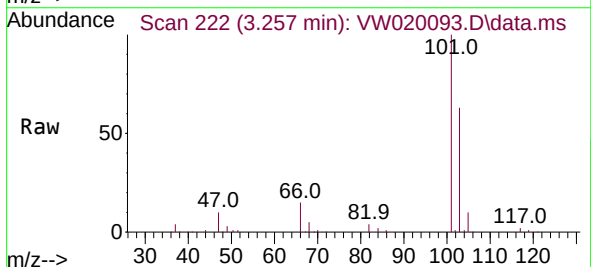
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ClientSampled :

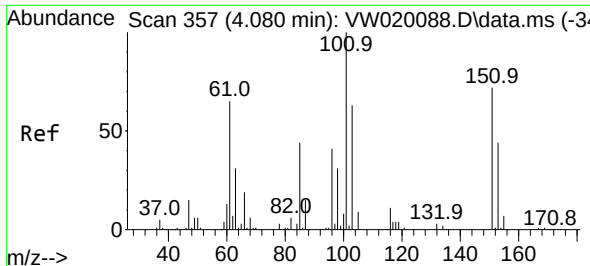
Tgt Ion: 64 Resp: 110490
Ion Ratio Lower Upper
64 100
66 30.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 23.551 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion:101 Resp: 122905
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

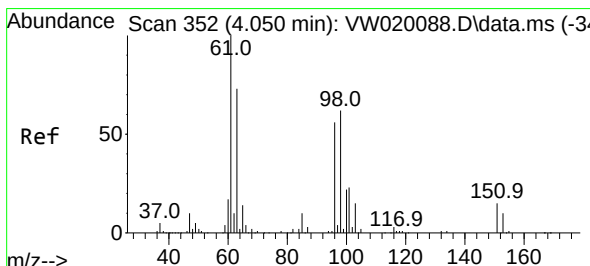
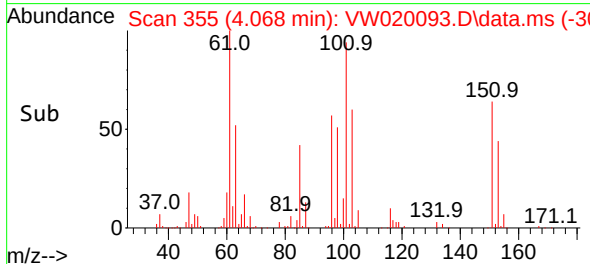
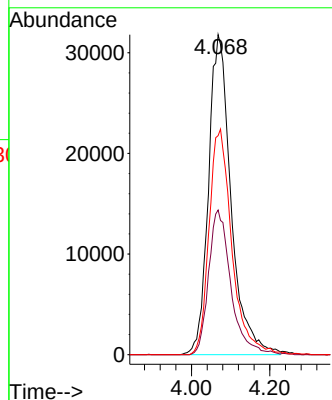
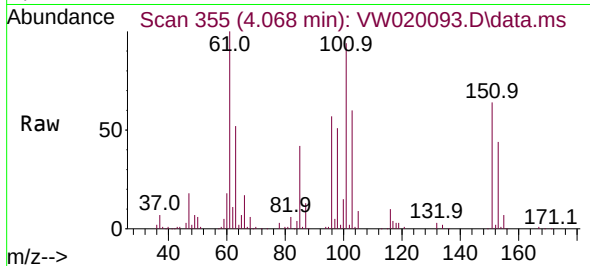




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.282 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.012 min
 Lab File: VW020093.D
 Acq: 21 Sep 2021 15:29

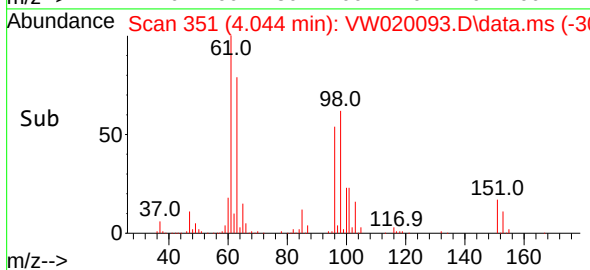
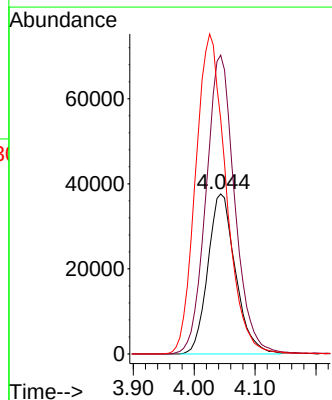
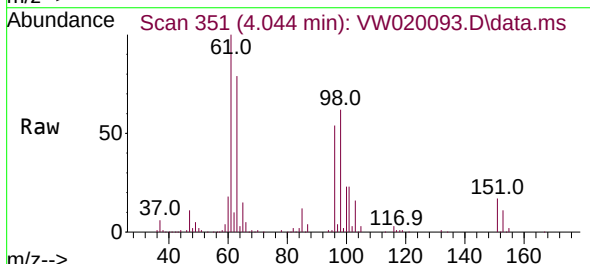
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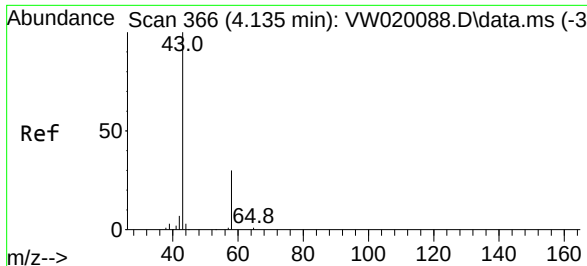
Tgt Ion:	101	Resp:	127123
Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.4	53.0
151	70.5	59.0	88.6



#12
 1,1-Dichloroethene
 Concen: 22.865 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW020093.D
 Acq: 21 Sep 2021 15:29

Tgt Ion:	96	Resp:	118265
Ion	Ratio	Lower	Upper
96	100		
61	186.8	126.1	234.3
63	146.8	112.6	209.0

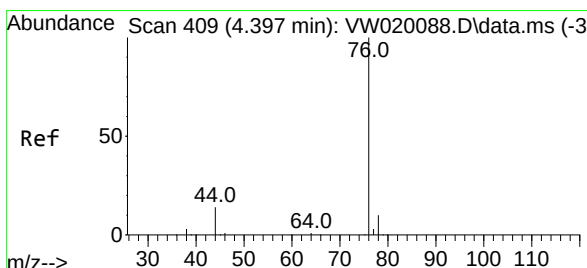
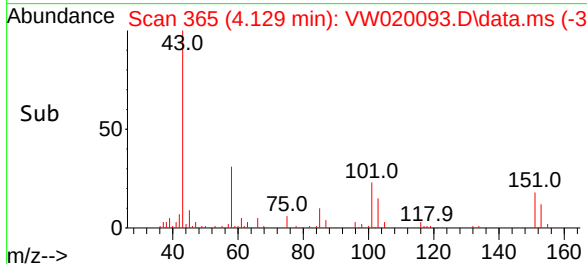
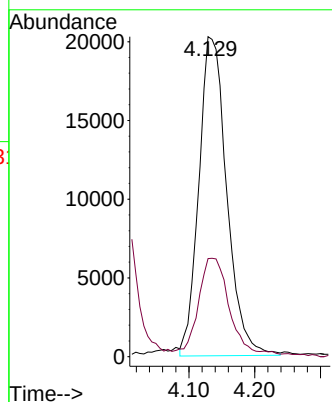
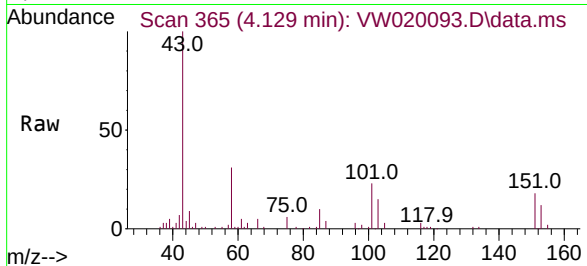




#13
Acetone
Concen: 56.750 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

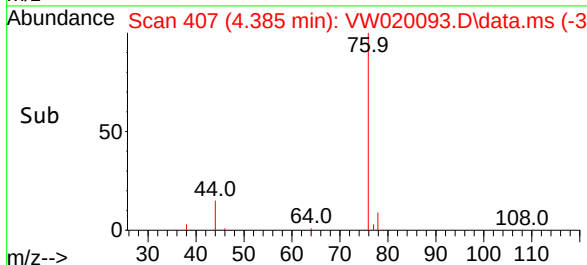
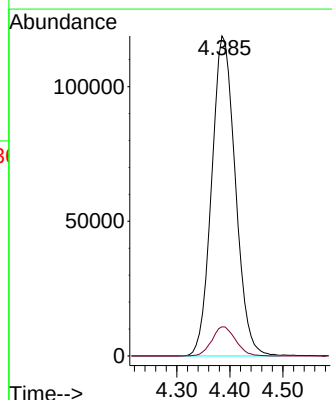
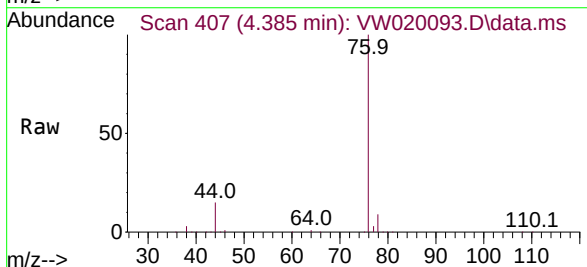
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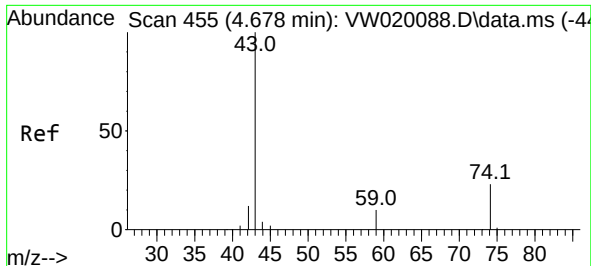
Tgt Ion: 43 Resp: 59845
Ion Ratio Lower Upper
43 100
58 31.1 0.0 61.6



#14
Carbon disulfide
Concen: 22.666 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.012 min
Lab File: VW020093.D
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Tgt Ion: 76 Resp: 368681
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

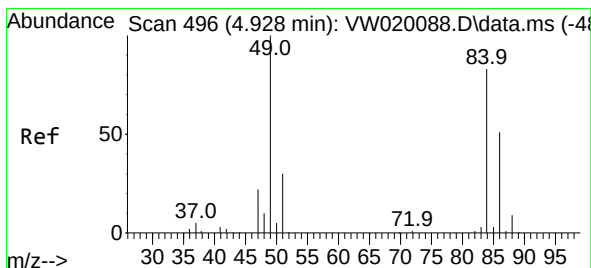
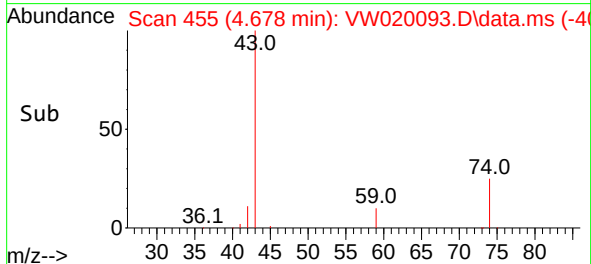
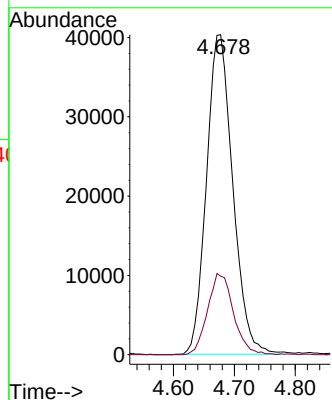
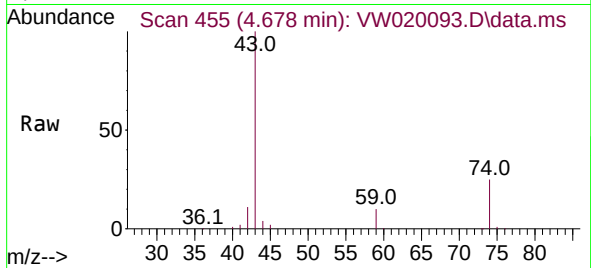




#15
Methyl Acetate
Concen: 59.901 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

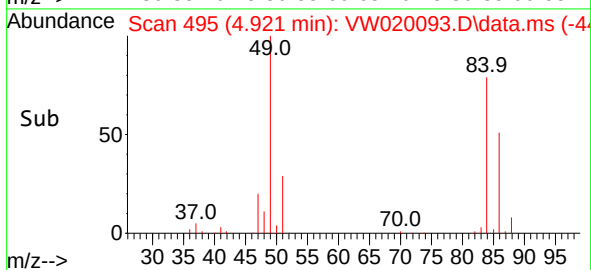
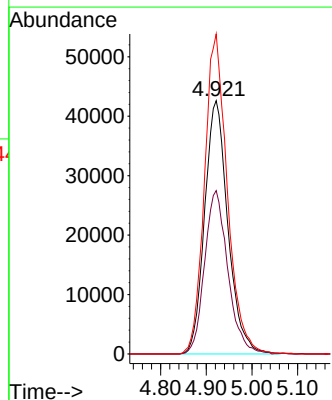
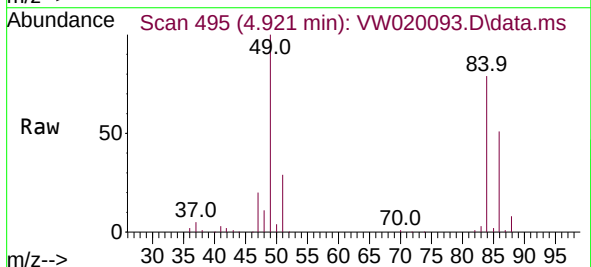
Instrument :
MSVOA_W
ClientSampled :

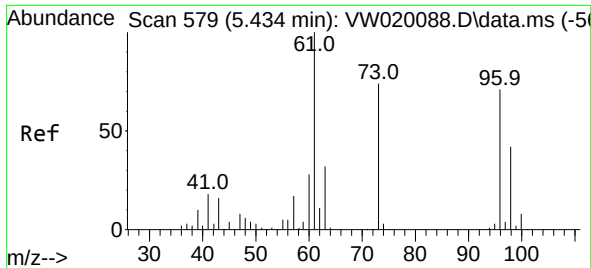
Tgt Ion: 43 Resp: 120796
Ion Ratio Lower Upper
43 100
74 24.9 20.0 30.0



#16
Methylene chloride
Concen: 21.953 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 84 Resp: 151084
Ion Ratio Lower Upper
84 100
86 64.5 42.6 79.0
49 126.4 83.4 154.8

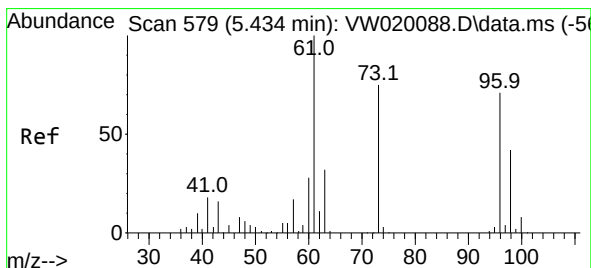
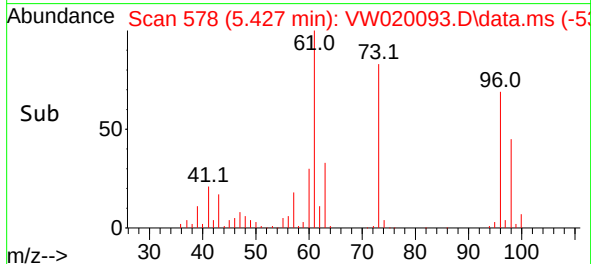
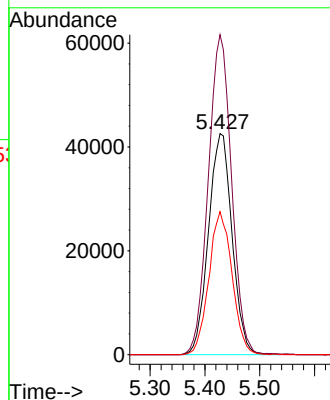
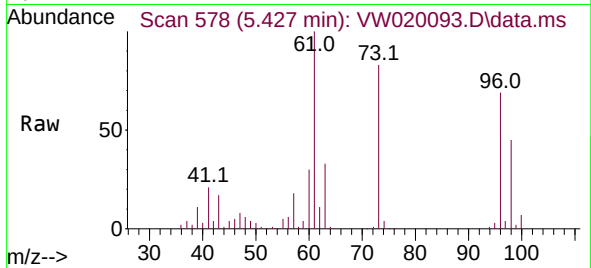




#17
trans-1,2-Dichloroethene
Concen: 23.418 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

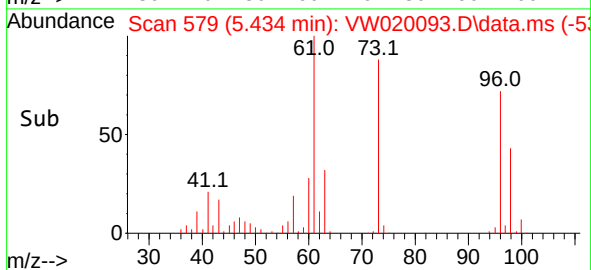
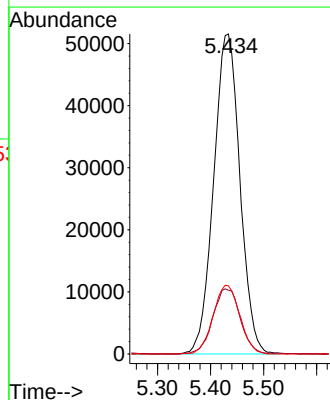
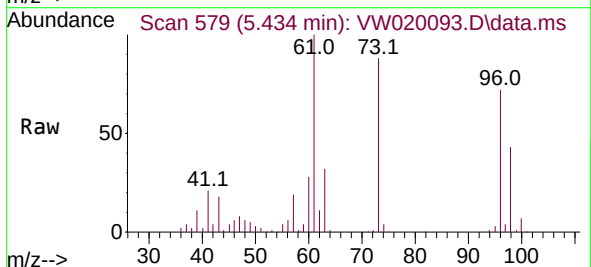
Instrument :
MSVOA_W
ClientSampled :

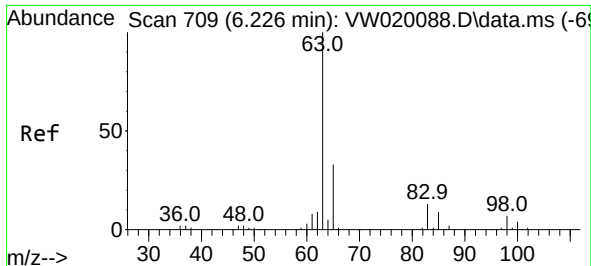
Tgt Ion: 96 Resp: 127604
Ion Ratio Lower Upper
96 100
61 144.8 98.3 182.5
98 64.7 46.6 86.6



#18
Methyl tert-butyl Ether
Concen: 27.401 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 73 Resp: 177244
Ion Ratio Lower Upper
73 100
43 21.3 17.4 26.0
57 21.7 17.4 26.0

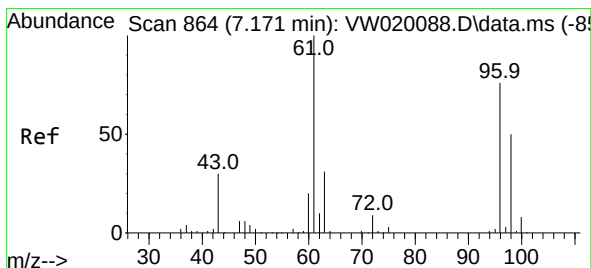
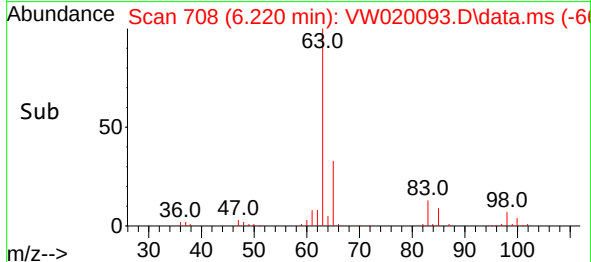
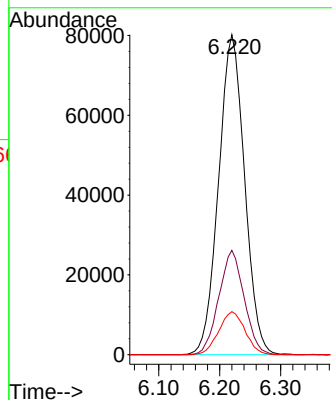
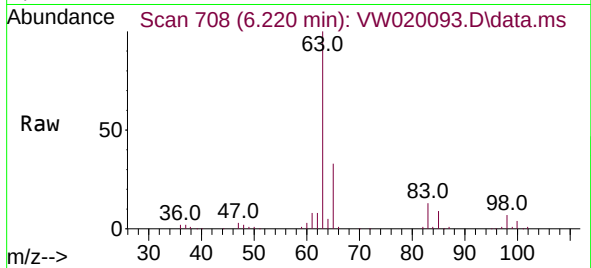




#19
1,1-Dichloroethane
Concen: 23.676 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

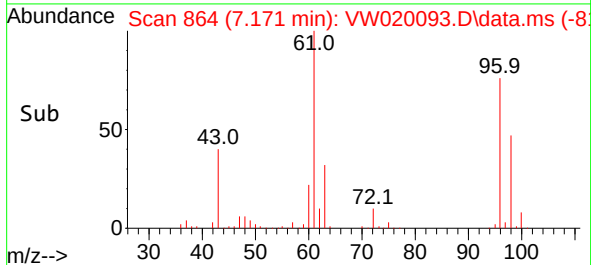
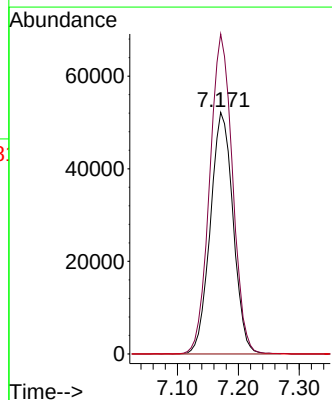
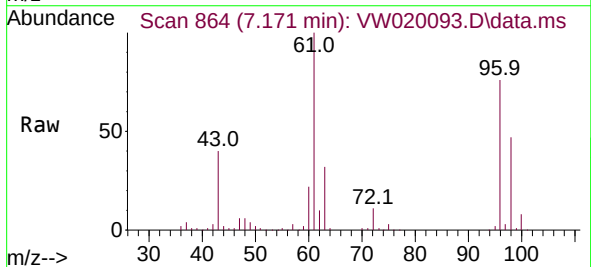
Instrument :
MSVOA_W
ClientSampled :

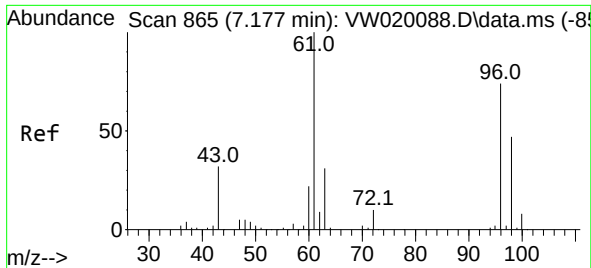
Tgt Ion: 63	Resp: 237953
Ion Ratio	Lower Upper
63 100	
65 32.6	23.1 42.9
83 13.5	9.4 17.6



#20
cis-1,2-Dichloroethene
Concen: 24.449 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 96	Resp: 135488
Ion Ratio	Lower Upper
96 100	
61 132.4	89.9 167.0
68 0.0	0.0 0.0

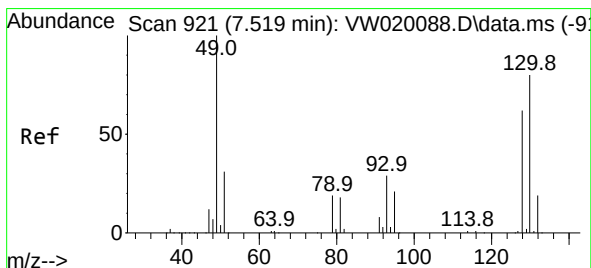
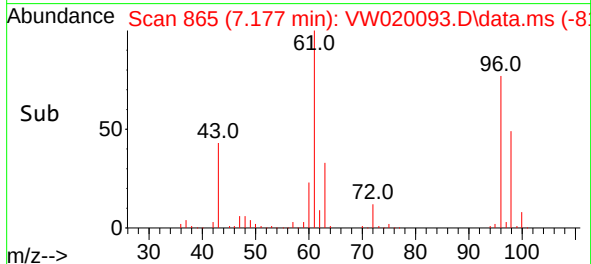
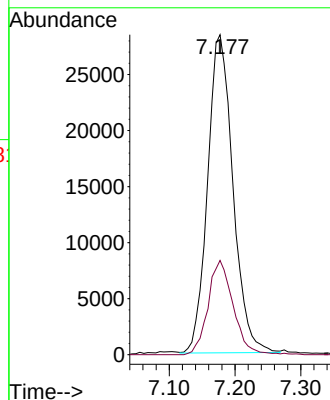
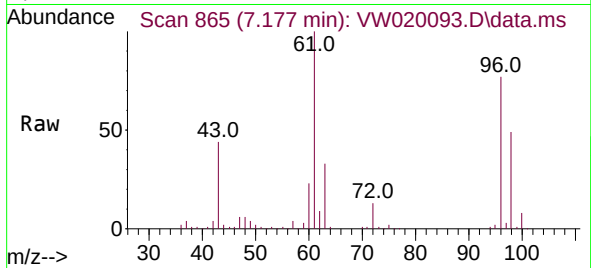




#22
2-Butanone
Concen: 55.597 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

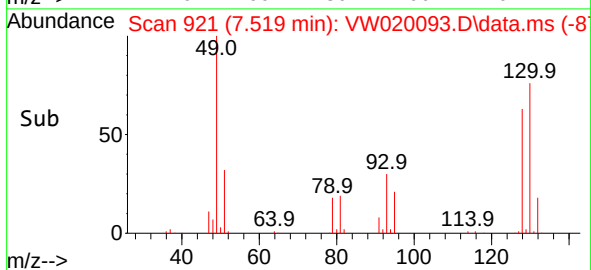
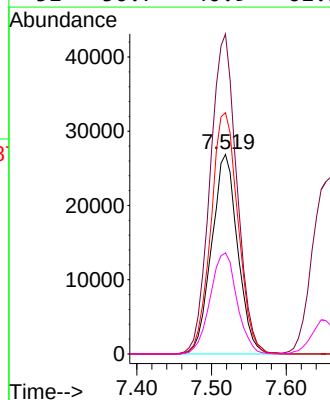
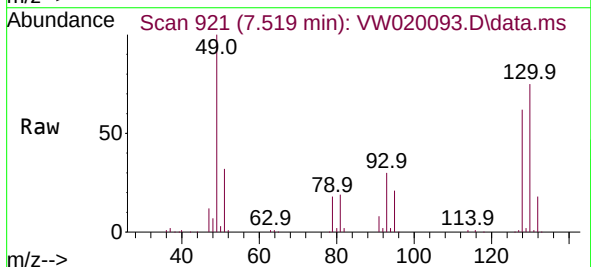
Instrument :
MSVOA_W
ClientSampled :

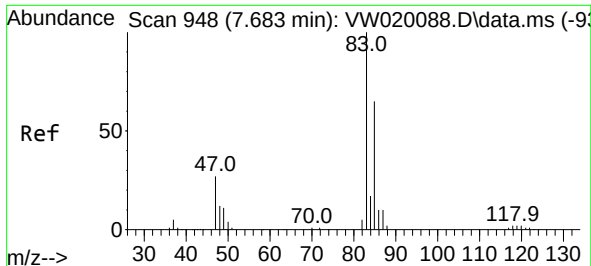
Tgt Ion: 43 Resp: 76063
Ion Ratio Lower Upper
43 100
72 29.3 14.1 42.2



#23
Bromochloromethane
Concen: 25.869 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 128 Resp: 64984
Ion Ratio Lower Upper
128 100
49 160.4 114.7 213.1
130 121.0 94.2 175.0
51 50.7 40.9 61.3

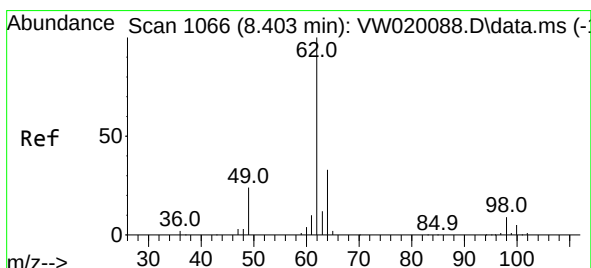
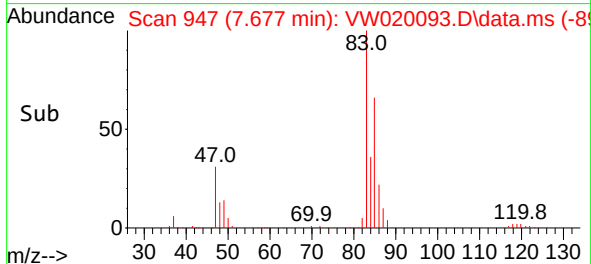
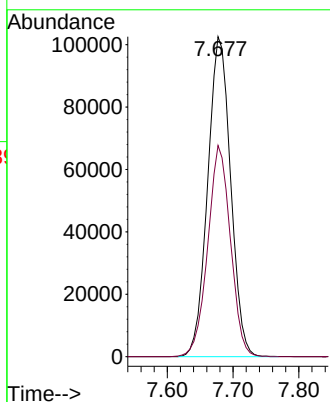
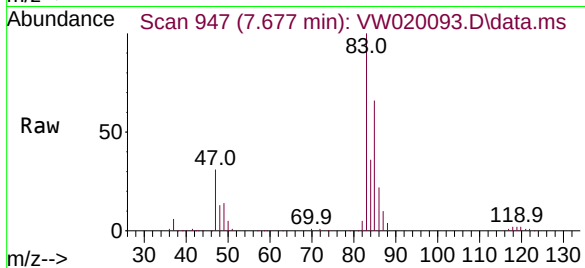




#25
Chloroform
Concen: 23.663 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

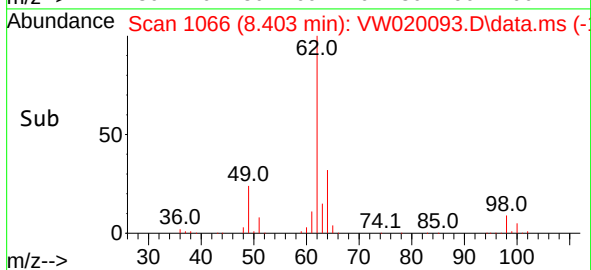
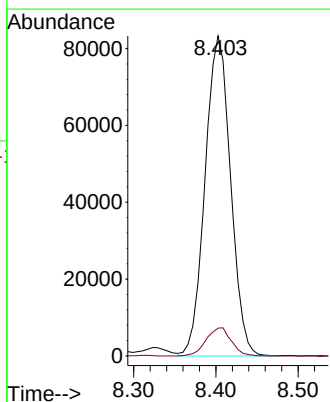
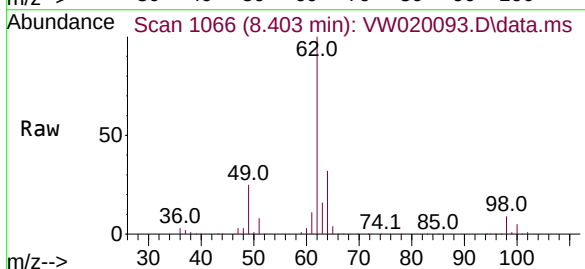
Instrument :
MSVOA_W
ClientSampled :

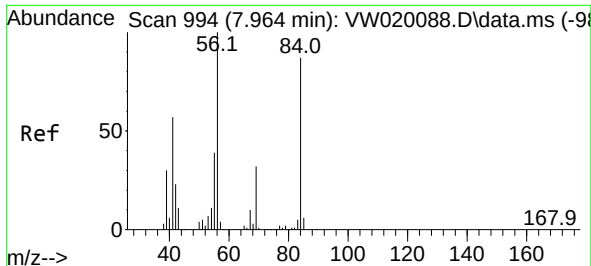
Tgt Ion: 83 Resp: 248700
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.8



#27
1,2-Dichloroethane
Concen: 25.982 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

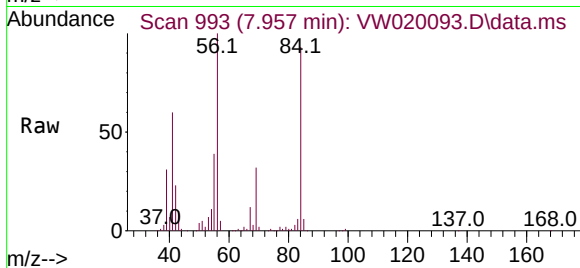
Tgt Ion: 62 Resp: 179702
Ion Ratio Lower Upper
62 100
98 8.7 6.9 10.3



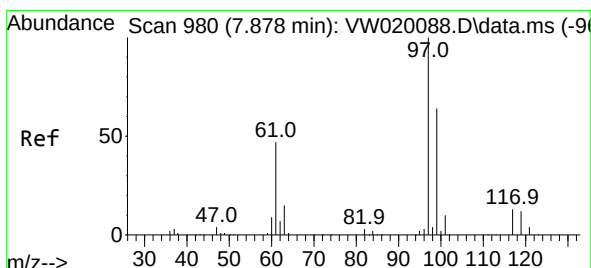
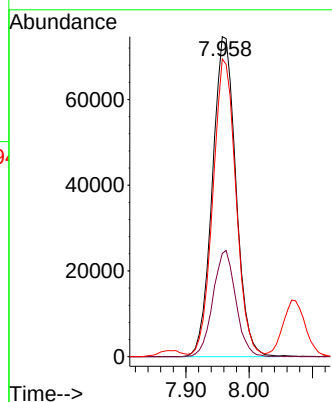
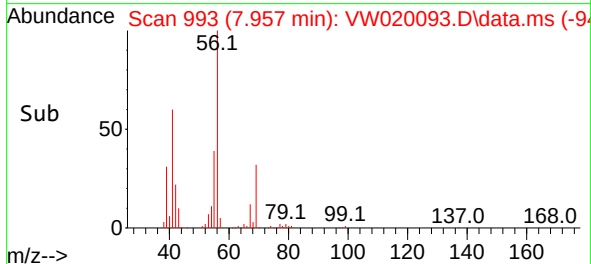


#29
Cyclohexane
Concen: 23.838 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

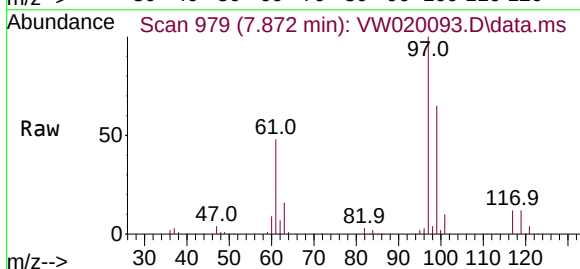
Instrument :
MSVOA_W
ClientSampled :



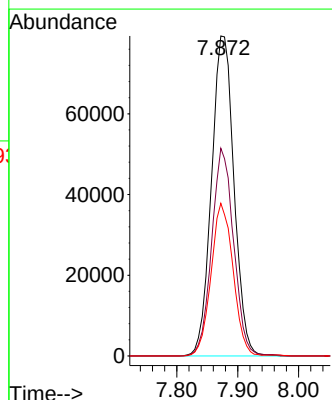
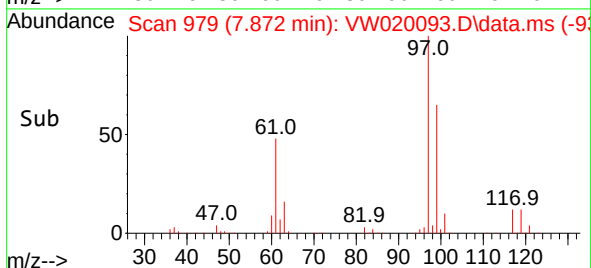
Tgt Ion: 56 Resp: 192689
Ion Ratio Lower Upper
56 100
69 32.2 25.7 38.5
84 91.4 73.4 110.2

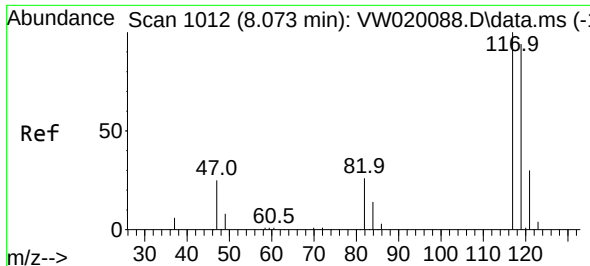


#30
1,1,1-Trichloroethane
Concen: 22.643 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29



Tgt Ion: 97 Resp: 203825
Ion Ratio Lower Upper
97 100
99 63.1 51.4 77.0
61 46.5 37.5 56.3

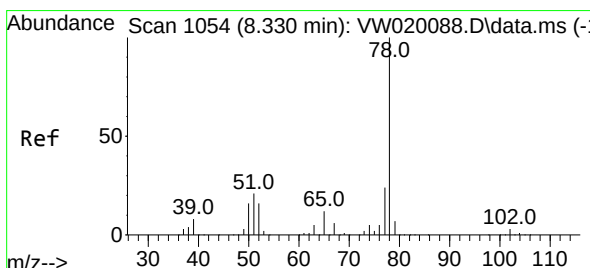
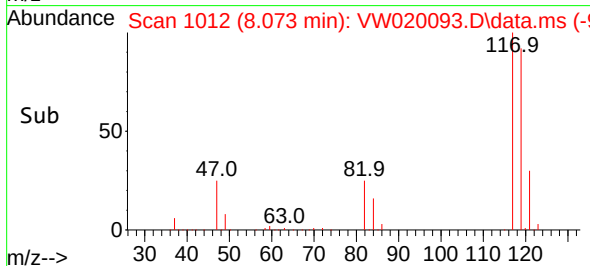
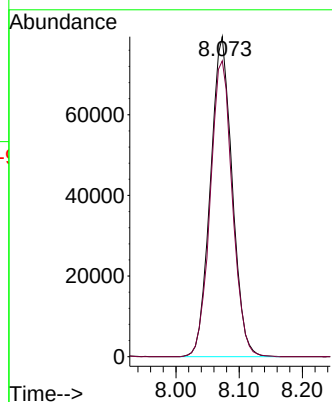
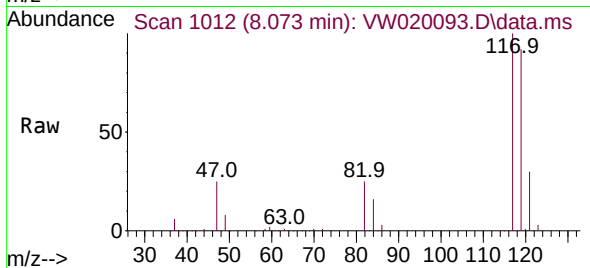




#31
Carbon tetrachloride
Concen: 23.191 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

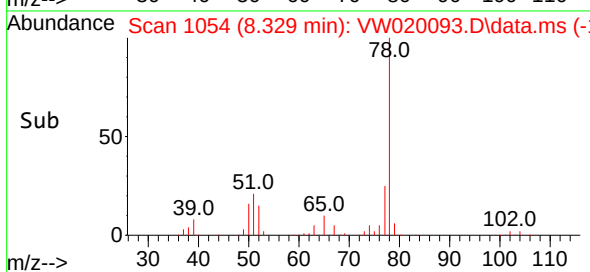
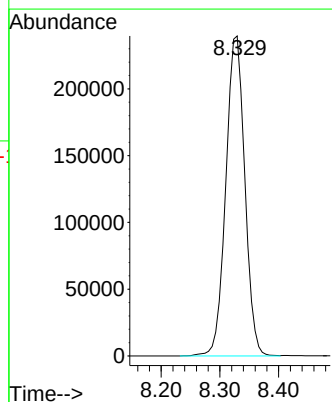
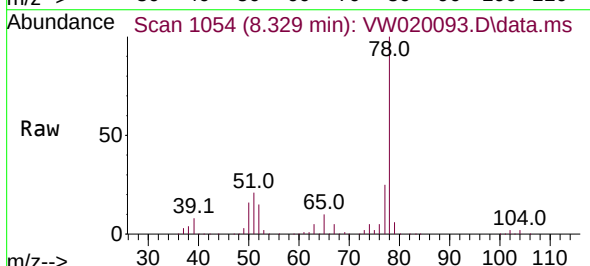
Instrument :
MSVOA_W
ClientSampled :

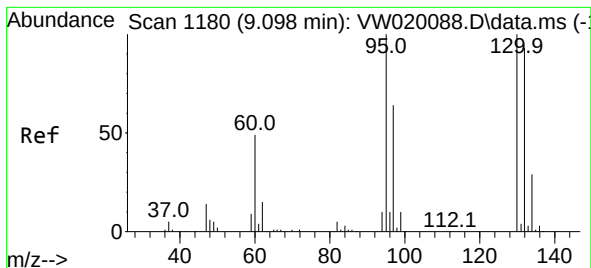
Tgt Ion:117 Resp: 189935
Ion Ratio Lower Upper
117 100
119 93.7 76.4 114.6



#33
Benzene
Concen: 24.583 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 78 Resp: 538943





#34

Trichloroethene

Concen: 23.057 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VW020093.D

Acq: 21 Sep 2021 15:29

Tgt Ion: 95 Resp: 135316

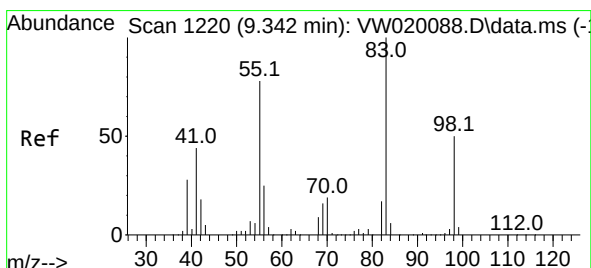
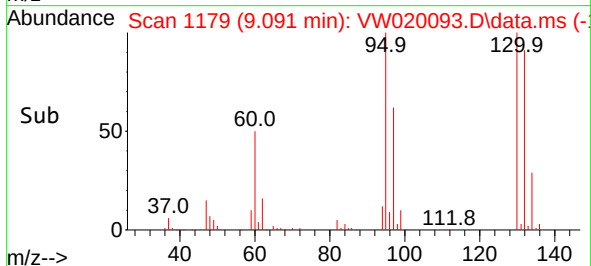
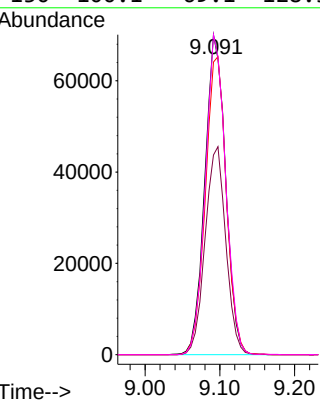
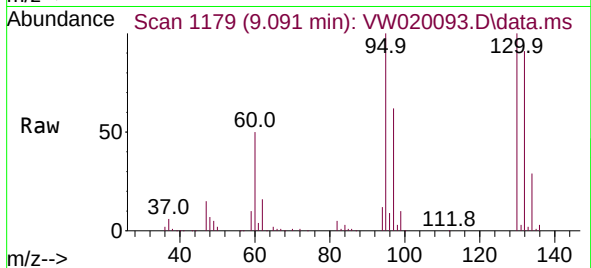
Ion Ratio Lower Upper

95 100

97 62.4 45.1 83.7

132 91.5 67.9 126.1

130 100.1 69.1 128.3



#35

Methylcyclohexane

Concen: 23.162 ug/L

RT: 9.341 min Scan# 1220

Delta R.T. -0.000 min

Lab File: VW020093.D

Acq: 21 Sep 2021 15:29

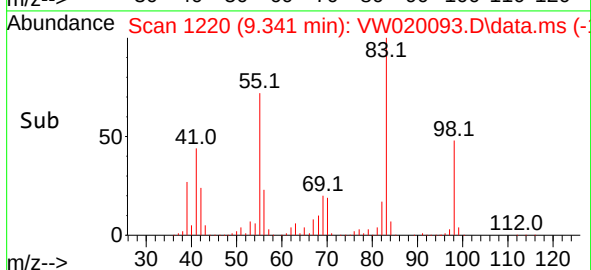
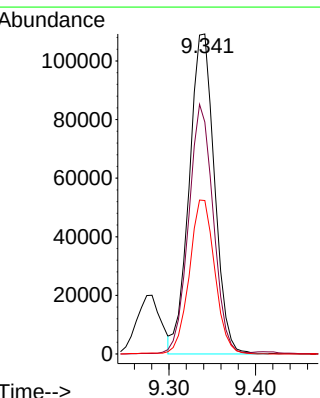
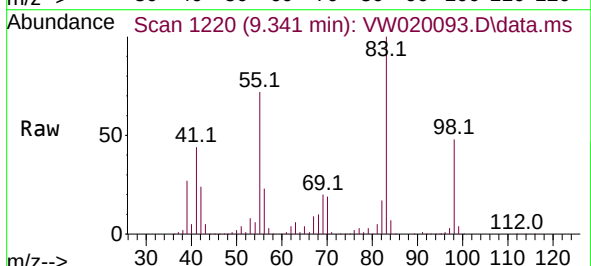
Tgt Ion: 83 Resp: 221484

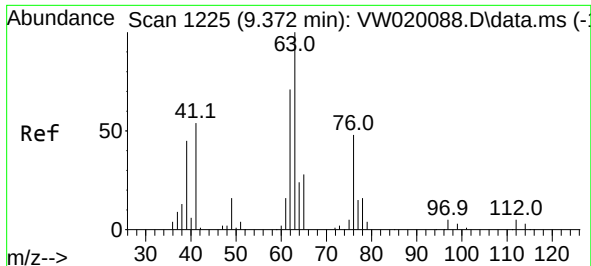
Ion Ratio Lower Upper

83 100

55 76.0 61.4 92.2

98 48.2 38.1 57.1

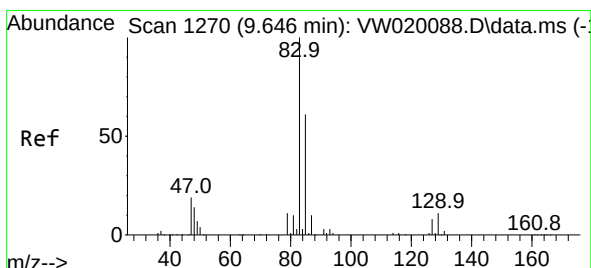
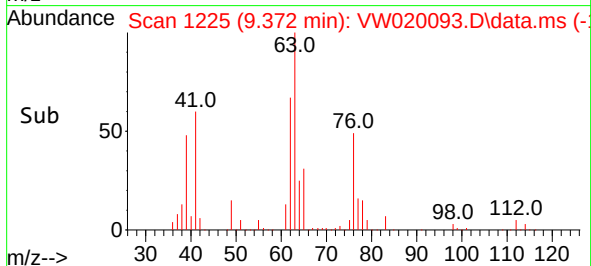
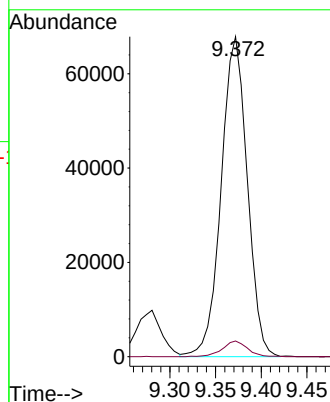
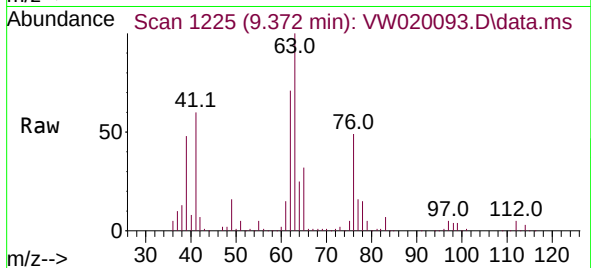




#37
1,2-Dichloropropane
Concen: 24.803 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

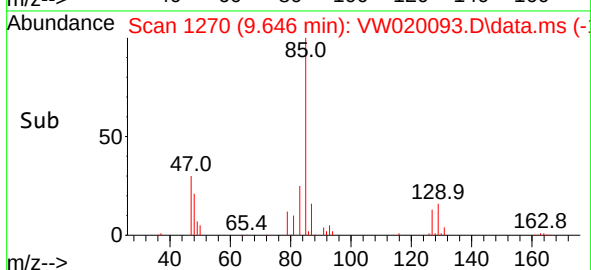
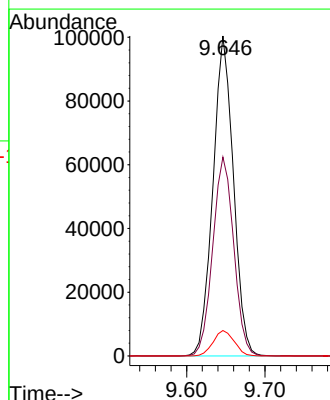
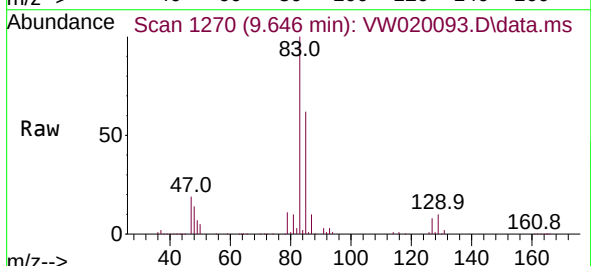
Instrument :
MSVOA_W
ClientSampled :

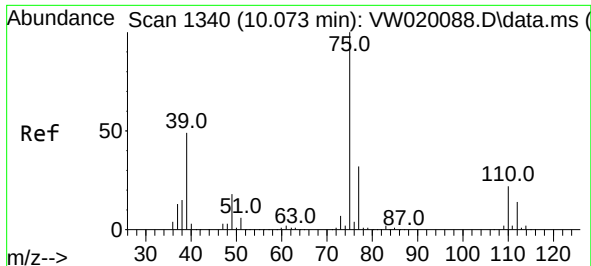
Tgt Ion: 63 Resp: 134686
Ion Ratio Lower Upper
63 100
112 4.7 3.6 5.4



#38
Bromodichloromethane
Concen: 24.818 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 83 Resp: 182497
Ion Ratio Lower Upper
83 100
85 62.1 44.4 82.5
127 8.0 6.5 9.7

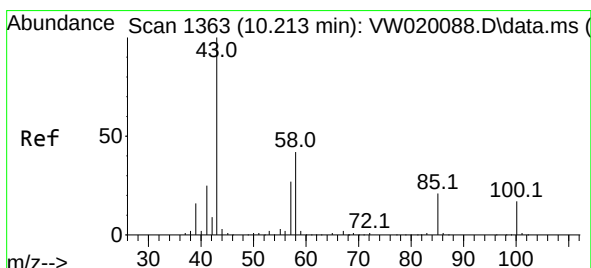
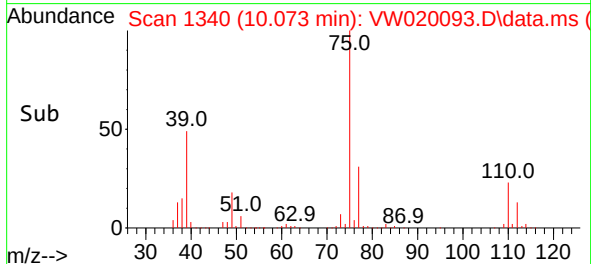
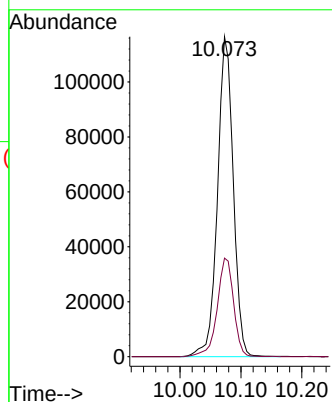
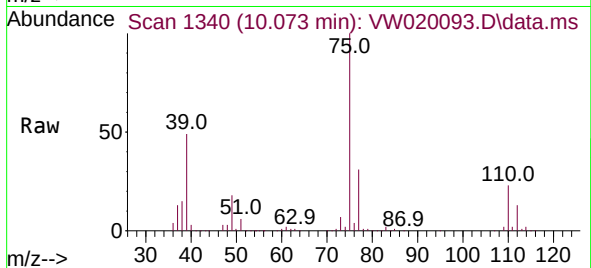




#39
cis-1,3-Dichloropropene
Concen: 26.173 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

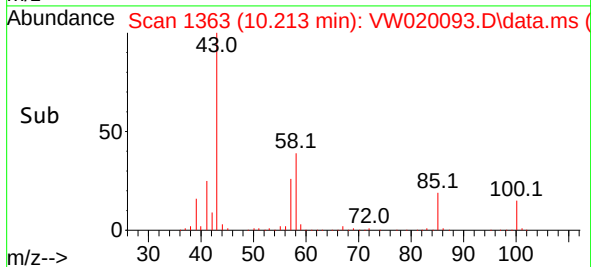
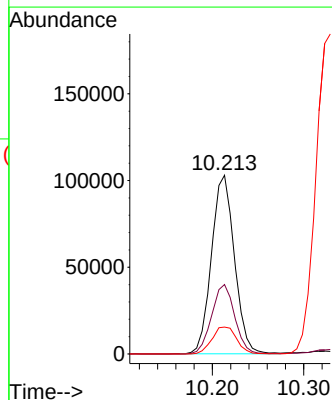
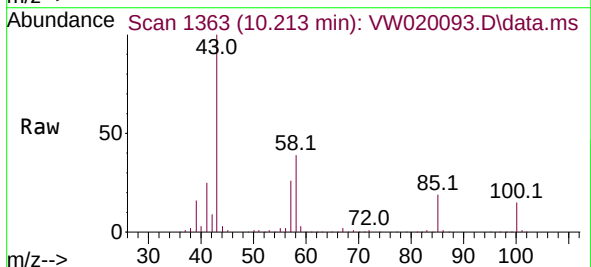
Instrument :
MSVOA_W
ClientSampleId :

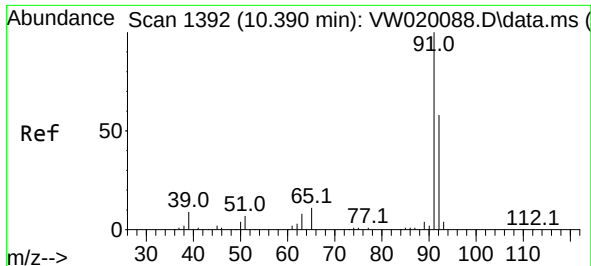
Tgt Ion: 75 Resp: 209624
Ion Ratio Lower Upper
75 100
77 30.8 23.0 42.6



#40
4-Methyl-2-pentanone
Concen: 65.612 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 43 Resp: 179440
Ion Ratio Lower Upper
43 100
58 39.3 31.3 46.9
100 16.3 13.3 19.9





#42

Toluene

Concen: 25.826 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020093.D

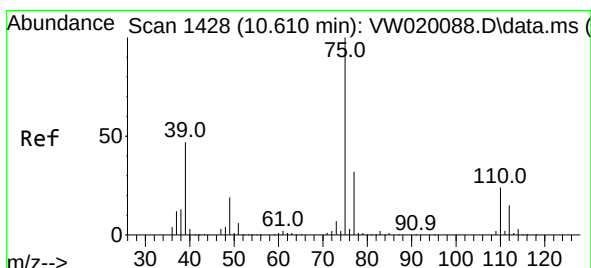
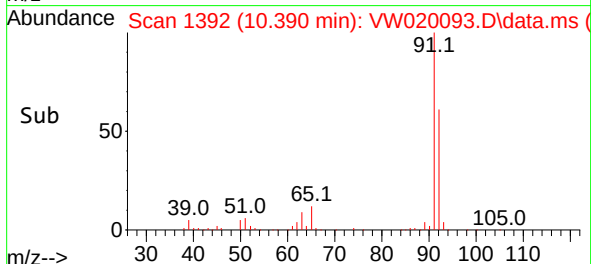
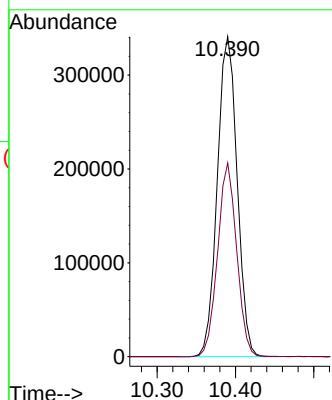
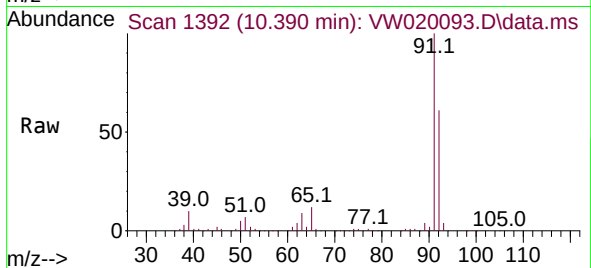
Acq: 21 Sep 2021 15:29

Tgt Ion: 91 Resp: 601534

Ion Ratio Lower Upper

91 100

92 60.5 42.2 78.4



#44

trans-1,3-Dichloropropene

Concen: 27.731 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. -0.000 min

Lab File: VW020093.D

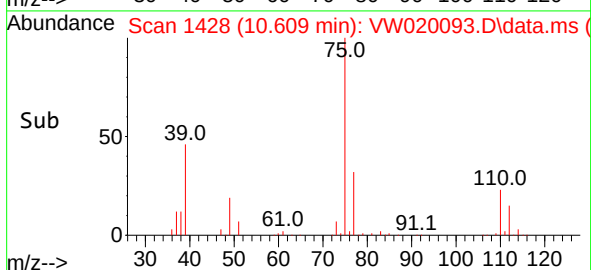
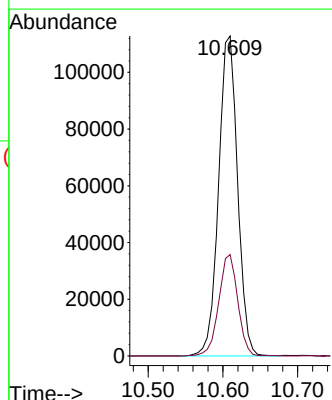
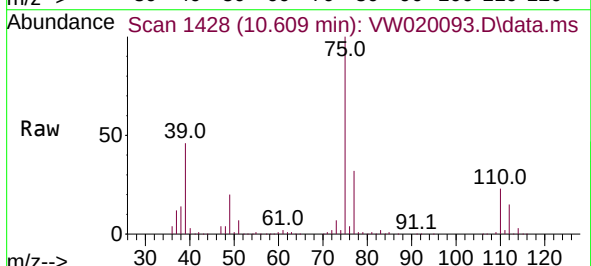
Acq: 21 Sep 2021 15:29

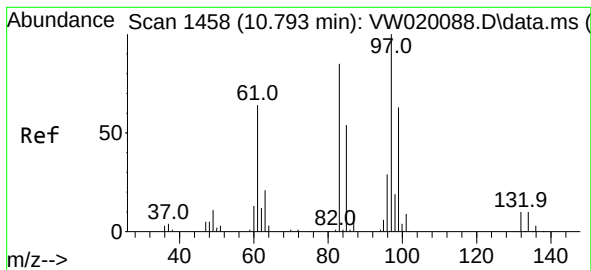
Tgt Ion: 75 Resp: 199501

Ion Ratio Lower Upper

75 100

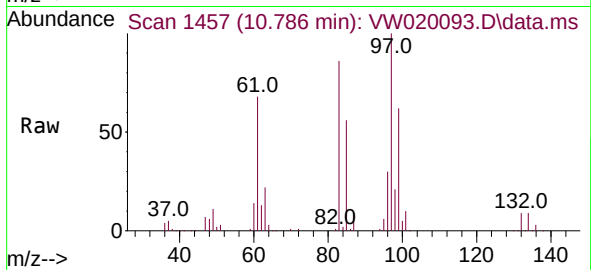
77 31.7 22.0 40.8





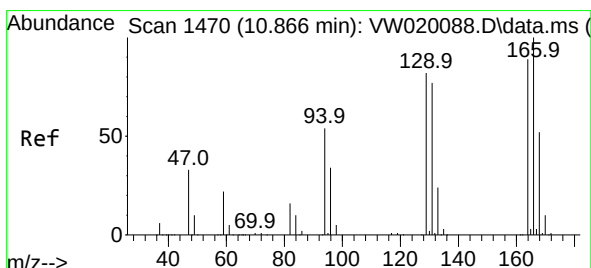
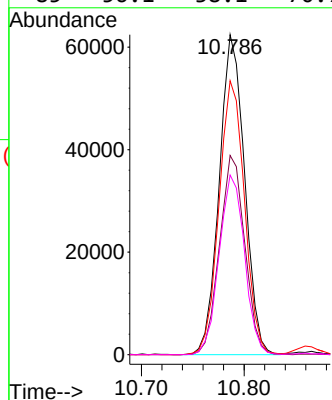
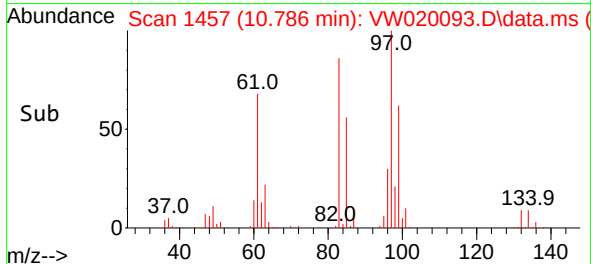
#45
1,1,2-Trichloroethane
Concen: 26.788 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Instrument :
MSVOA_W
ClientSampled :

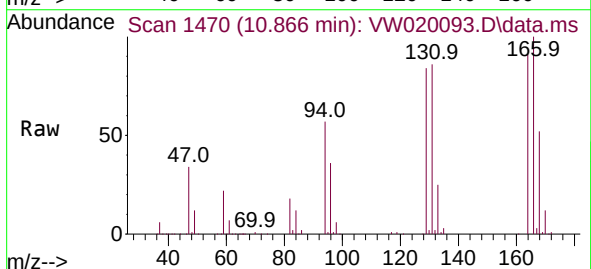


Tgt Ion: 97 Resp: 106661

Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.0	78.0
83	85.6	58.7	108.9
85	56.1	38.1	70.7

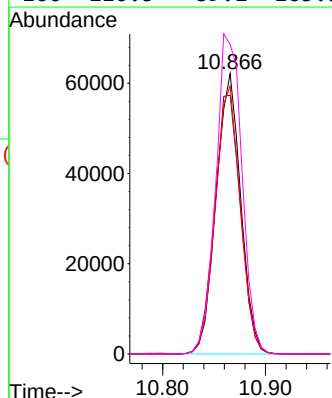
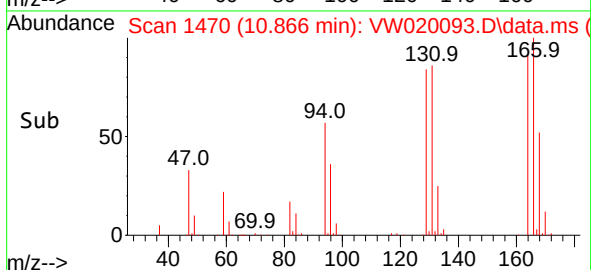


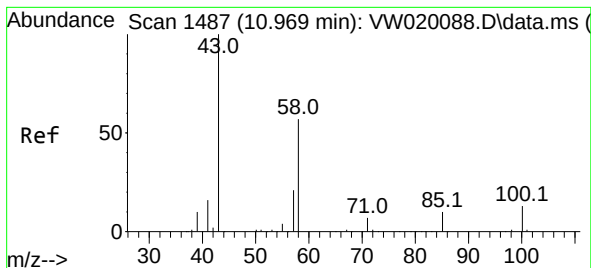
#46
Tetrachloroethene
Concen: 22.880 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29



Tgt Ion: 164 Resp: 103787

Ion	Ratio	Lower	Upper
164	100		
129	92.3	69.5	129.1
131	95.5	66.5	123.5
166	110.5	89.1	165.5

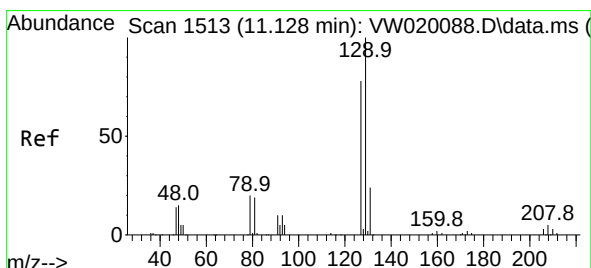
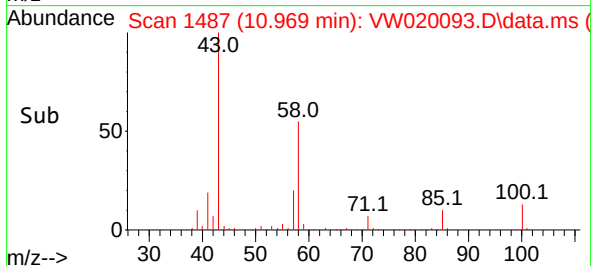
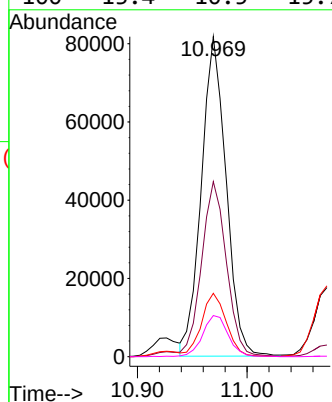
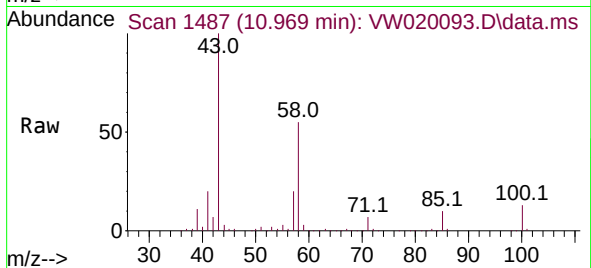




#48
2-Hexanone
Concen: 67.326 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

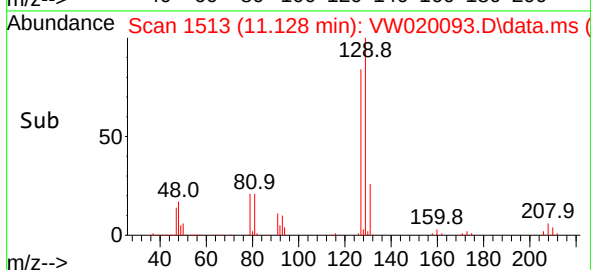
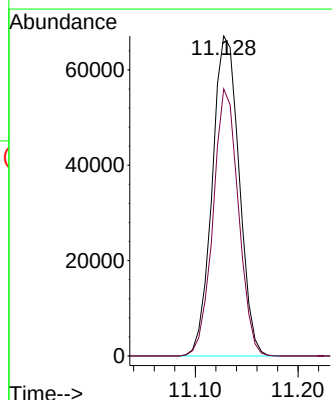
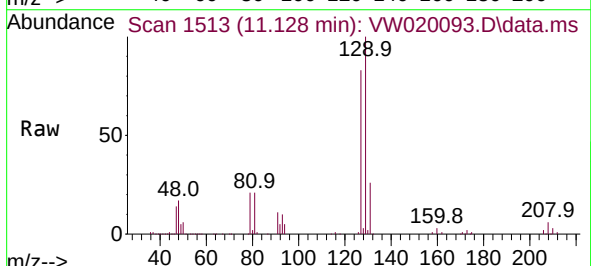
Instrument :
MSVOA_W
ClientSampled :

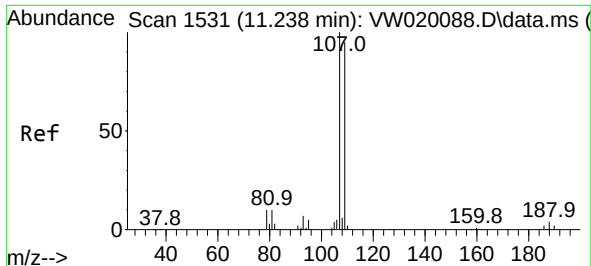
Tgt Ion:	43	Resp:	128262
Ion	Ratio	Lower	Upper
43	100		
58	55.4	43.8	65.6
57	20.0	15.6	23.4
100	13.4	10.5	15.7



#49
Dibromochloromethane
Concen: 26.210 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

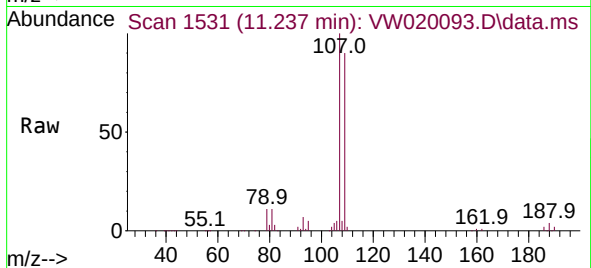
Tgt Ion:	129	Resp:	121946
Ion	Ratio	Lower	Upper
129	100		
127	83.4	57.0	105.8



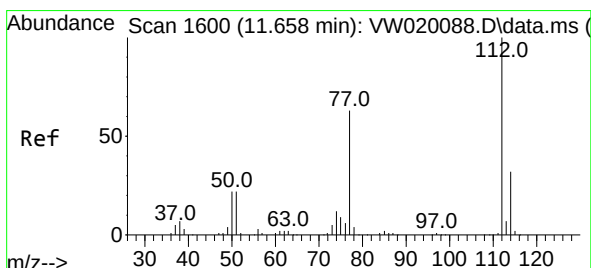
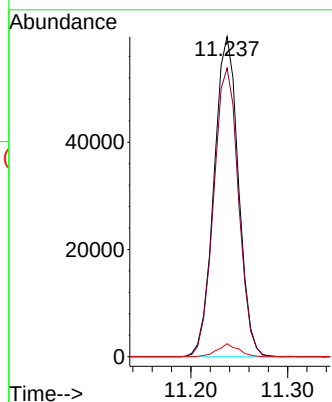
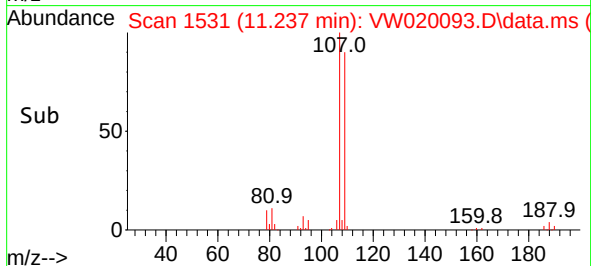


#50
1,2-Dibromoethane
Concen: 27.919 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

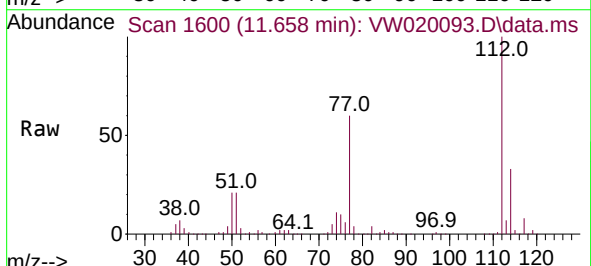
Instrument :
MSVOA_W
ClientSampled :



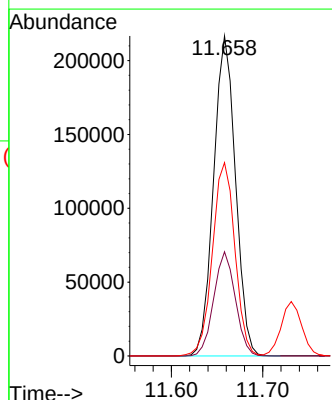
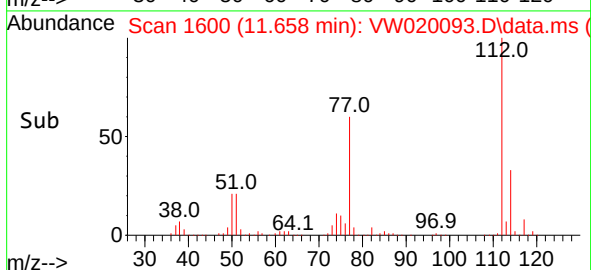
Tgt Ion:107 Resp: 104619
Ion Ratio Lower Upper
107 100
109 90.2 64.1 119.1
188 4.1 3.0 4.4

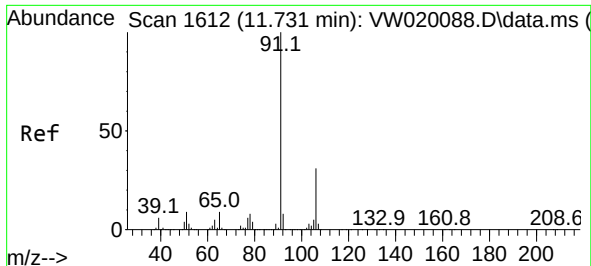


#51
Chlorobenzene
Concen: 23.813 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29



Tgt Ion:112 Resp: 360746
Ion Ratio Lower Upper
112 100
114 32.6 21.9 40.7
77 60.4 48.0 72.0

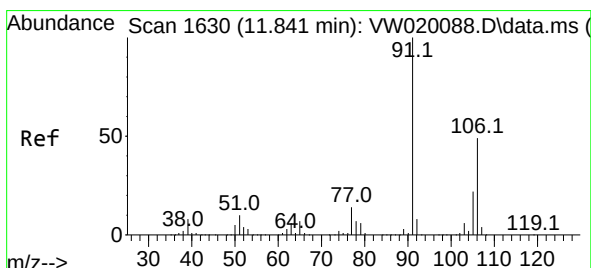
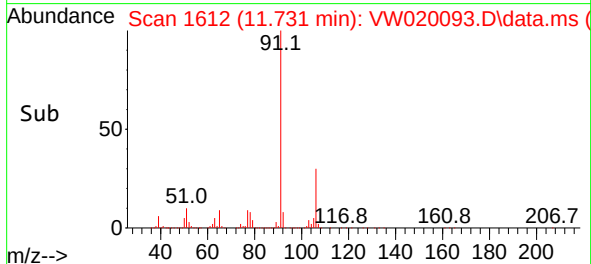
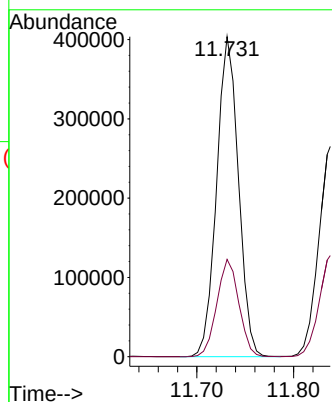
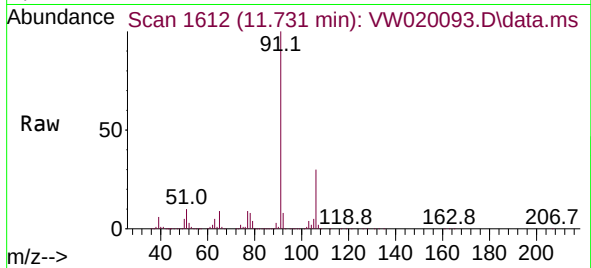




#52
Ethylbenzene
Concen: 24.575 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

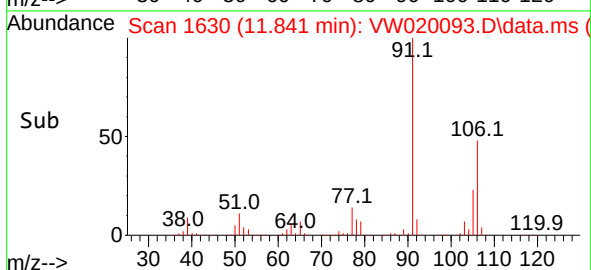
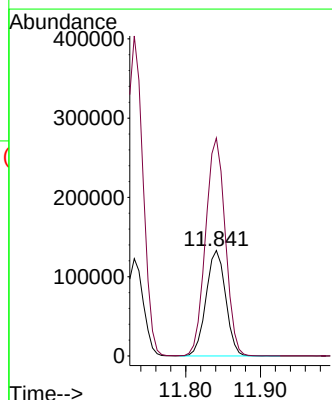
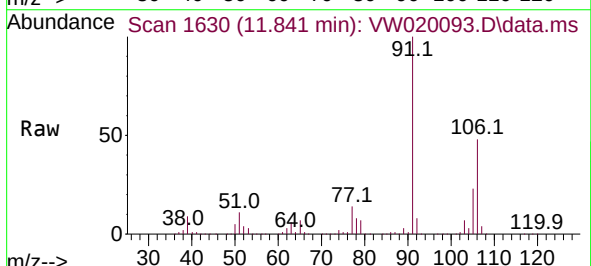
Instrument :
MSVOA_W
ClientSampled :

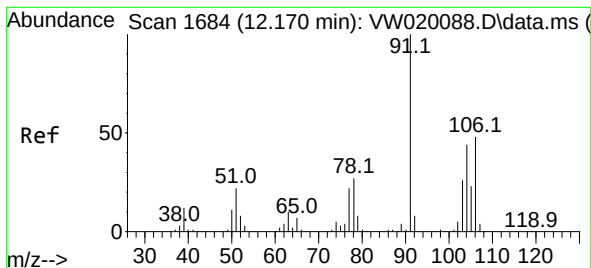
Tgt Ion: 91 Resp: 630444
Ion Ratio Lower Upper
91 100
106 30.4 22.0 40.8



#53
m,p-Xylene
Concen: 24.764 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion:106 Resp: 242202
Ion Ratio Lower Upper
106 100
91 206.6 146.4 271.8





#54

o-Xylene

Concen: 25.547 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.006 min

Lab File: VW020093.D

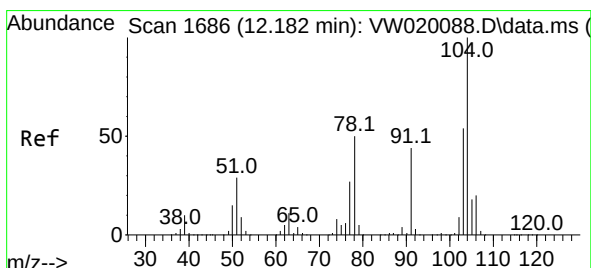
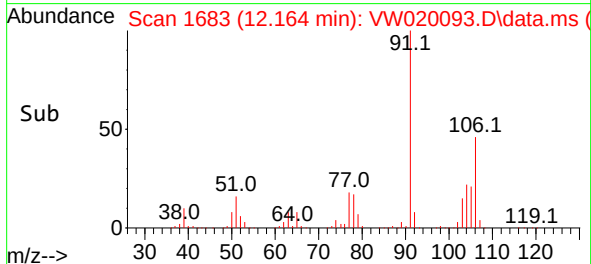
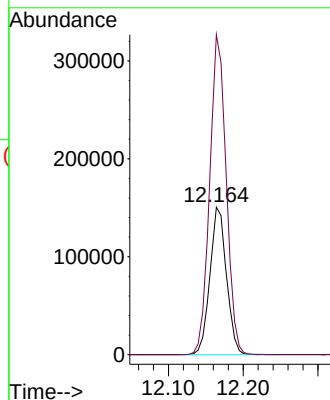
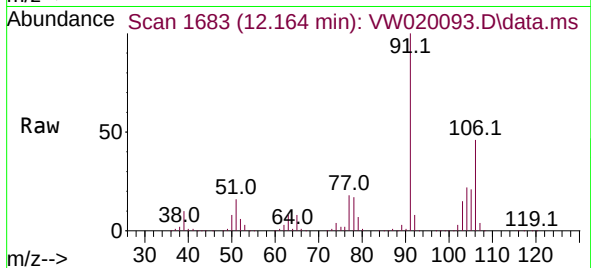
Acq: 21 Sep 2021 15:29

Tgt Ion:106 Resp: 231129

Ion Ratio Lower Upper

106 100

91 216.9 154.3 286.7



#55

Styrene

Concen: 25.768 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW020093.D

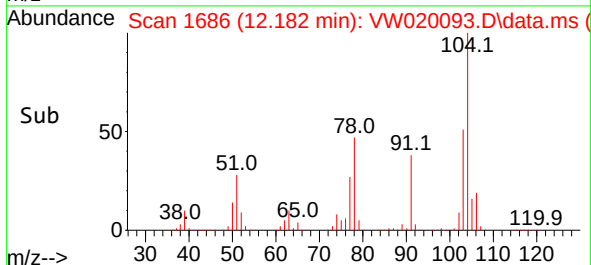
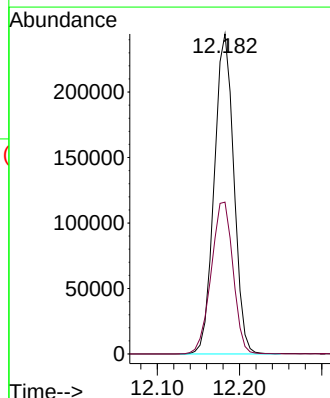
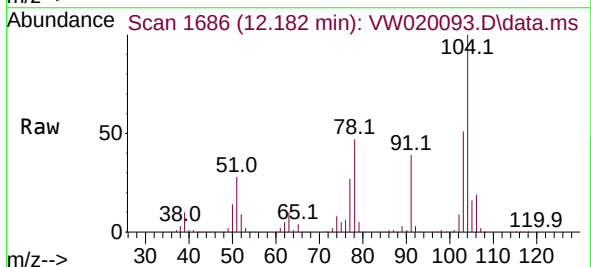
Acq: 21 Sep 2021 15:29

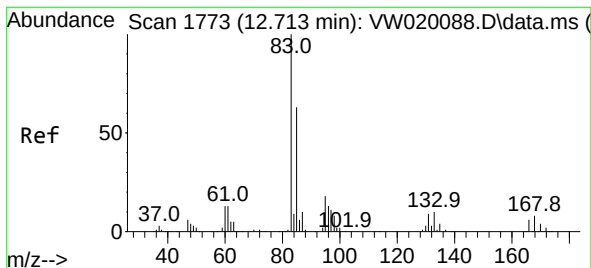
Tgt Ion:104 Resp: 405103

Ion Ratio Lower Upper

104 100

78 47.5 32.7 60.7

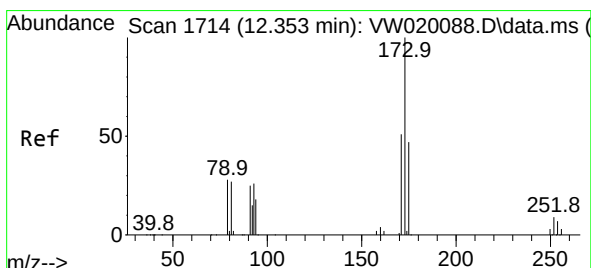
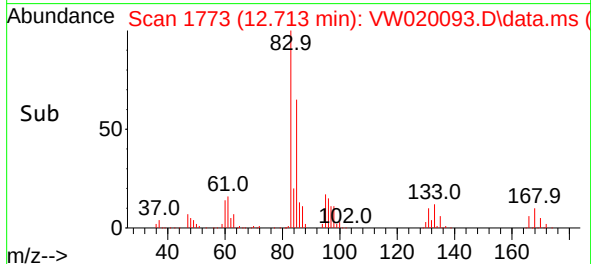
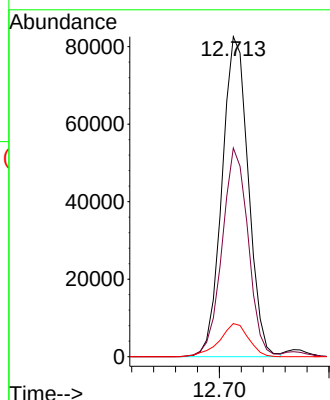
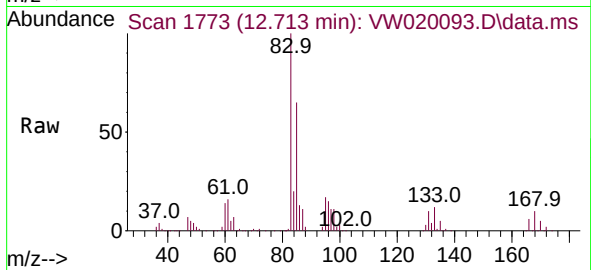




#57
1,1,2,2-Tetrachloroethane
Concen: 28.910 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

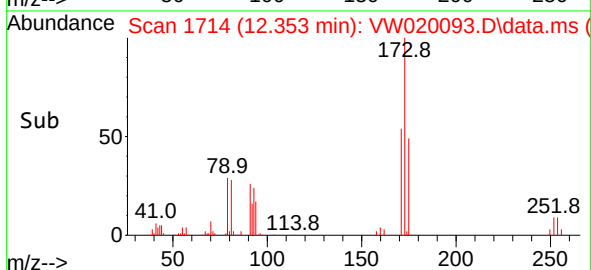
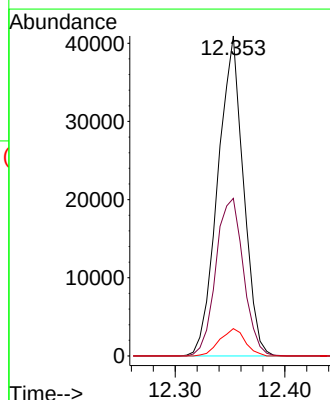
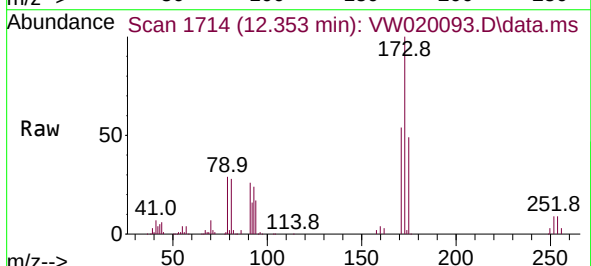
Instrument :
MSVOA_W
ClientSampled :

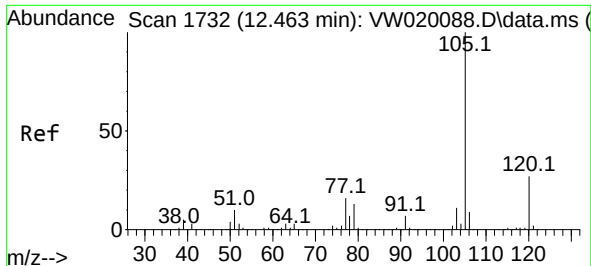
Tgt Ion: 83 Resp: 137490
Ion Ratio Lower Upper
83 100
85 65.2 43.3 80.5
131 10.4 7.9 11.9



#59
Bromoform
Concen: 26.048 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 173 Resp: 66562
Ion Ratio Lower Upper
173 100
175 53.0 39.2 58.8
254 8.5 6.6 10.0

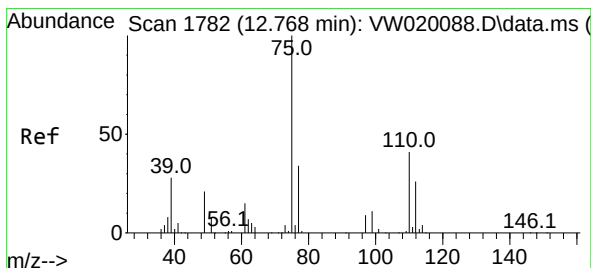
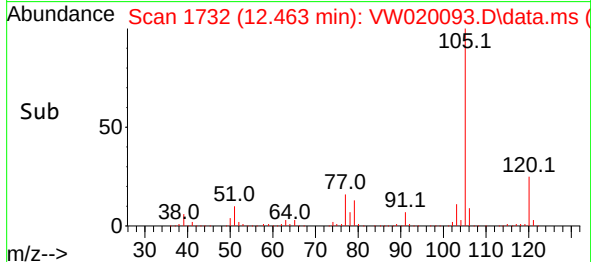
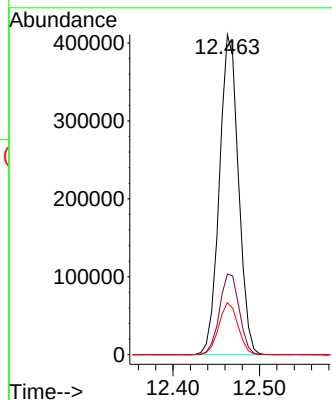
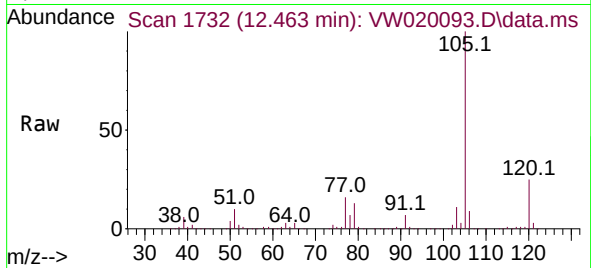




#60
Isopropylbenzene
Concen: 24.956 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

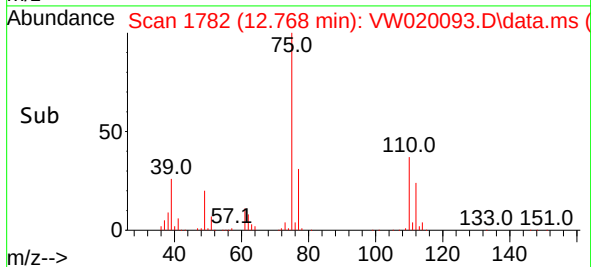
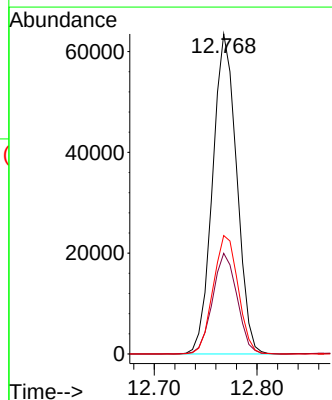
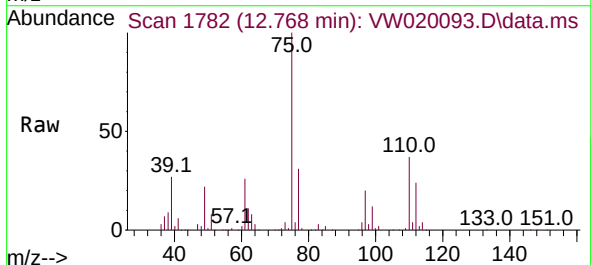
Instrument :
MSVOA_W
ClientSampled :

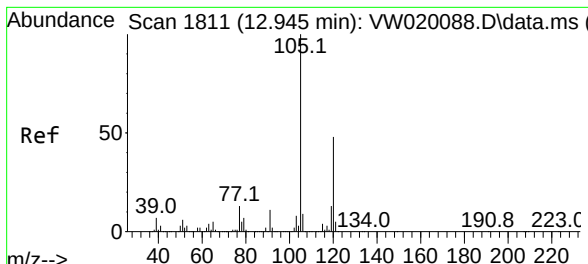
Tgt Ion:105 Resp: 627143
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 16.4 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 29.227 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion: 75 Resp: 103433
Ion Ratio Lower Upper
75 100
77 32.0 26.3 39.5
110 38.3 30.2 45.2

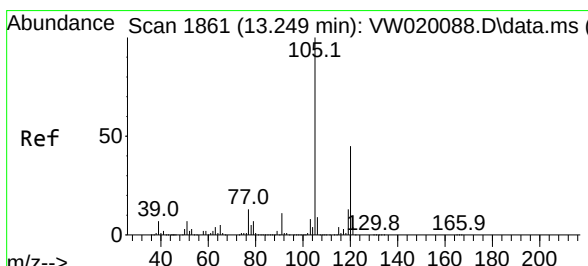
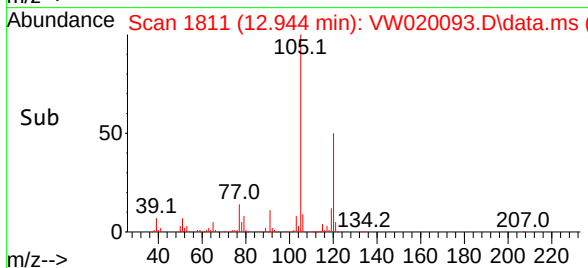
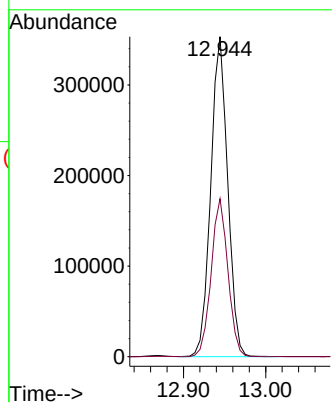
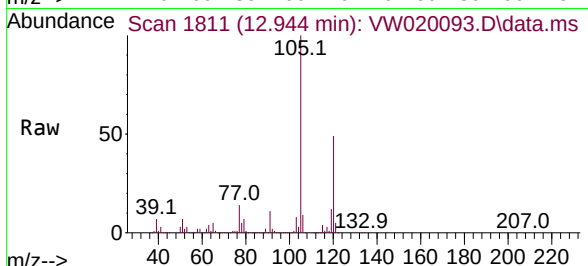




#62
1,3,5-Trimethylbenzene
Concen: 24.507 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

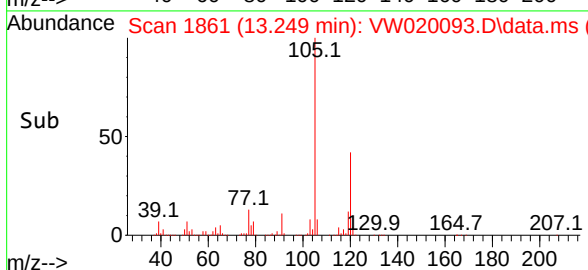
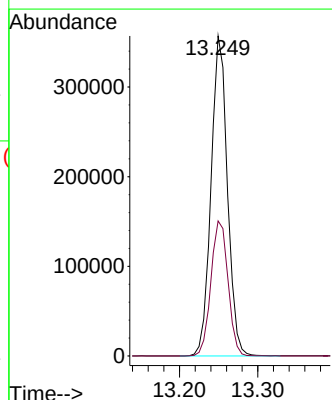
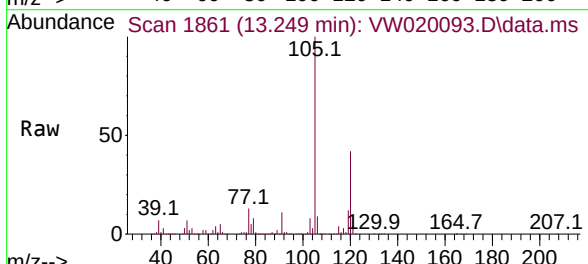
Instrument :
MSVOA_W
ClientSampled :

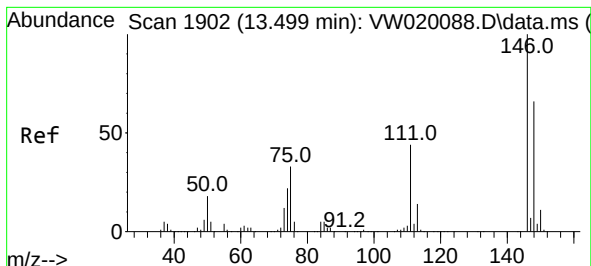
Tgt Ion:105 Resp: 505423
Ion Ratio Lower Upper
105 100
120 48.8 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 25.533 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion:105 Resp: 517288
Ion Ratio Lower Upper
105 100
120 44.1 36.2 54.4

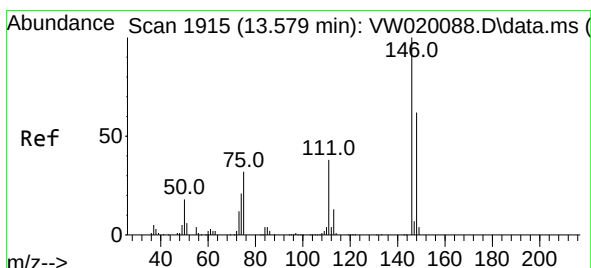
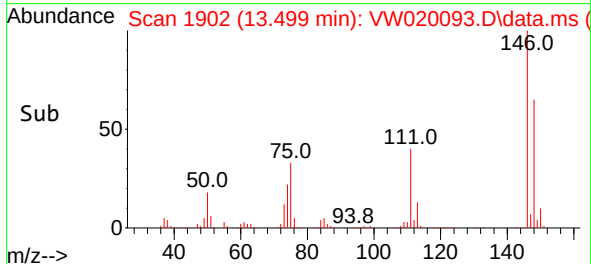
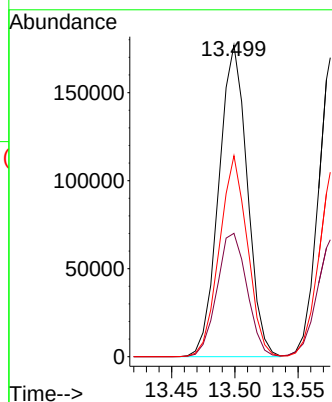
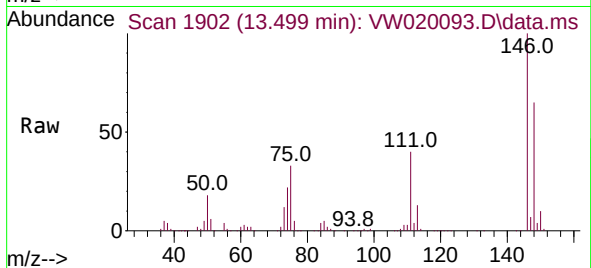




#64
1,3-Dichlorobenzene
Concen: 23.999 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

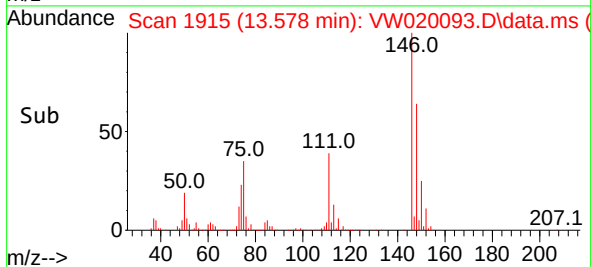
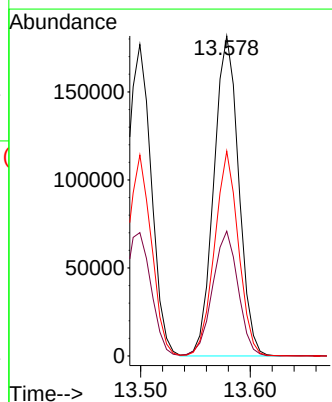
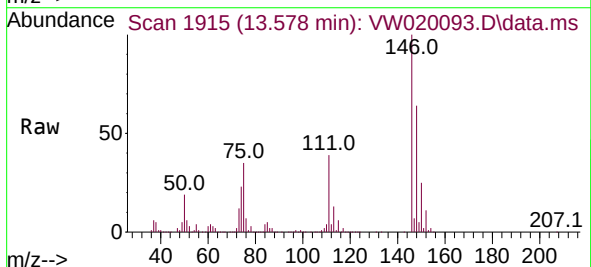
Instrument :
MSVOA_W
ClientSampleId :

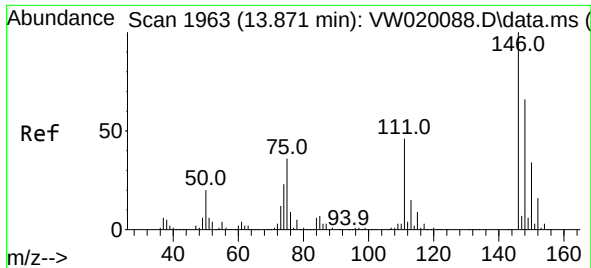
Tgt Ion:146 Resp: 276582
Ion Ratio Lower Upper
146 100
111 39.6 28.3 52.5
148 64.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 24.019 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion:146 Resp: 286064
Ion Ratio Lower Upper
146 100
111 39.0 29.6 55.0
148 64.0 45.3 84.1

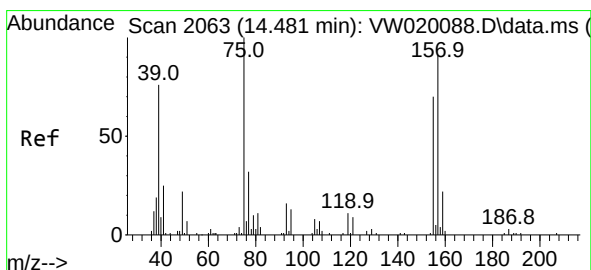
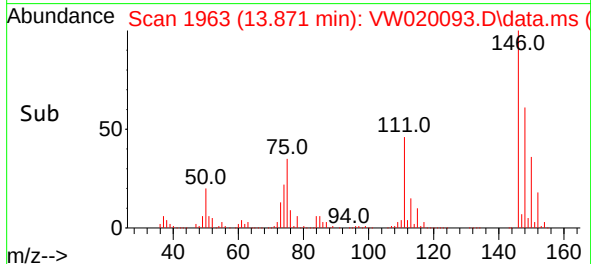
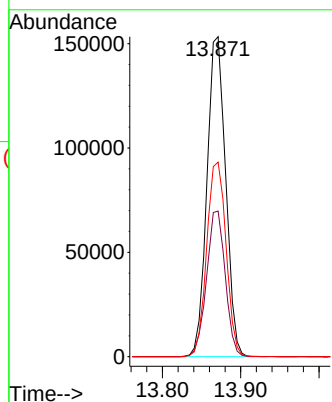
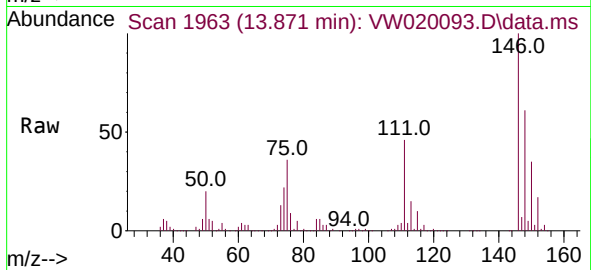




#67
1,2-Dichlorobenzene
Concen: 24.193 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

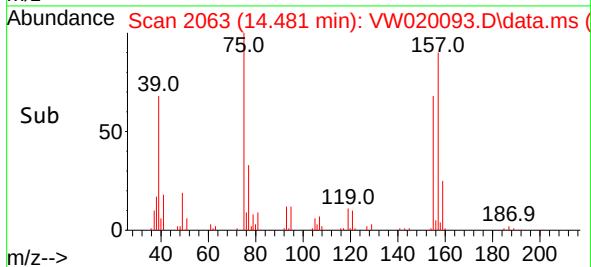
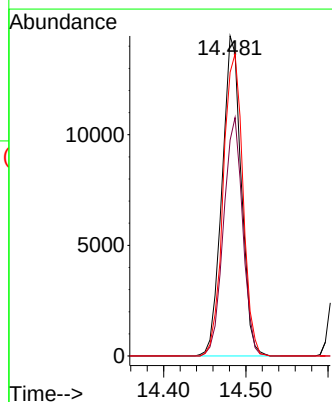
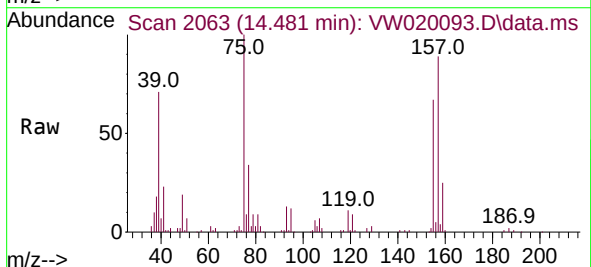
Instrument :
MSVOA_W
ClientSampleId :

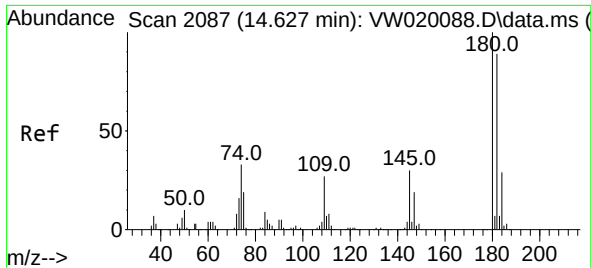
Tgt Ion:146 Resp: 253931
Ion Ratio Lower Upper
146 100
111 45.5 34.7 52.1
148 60.8 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 29.559 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

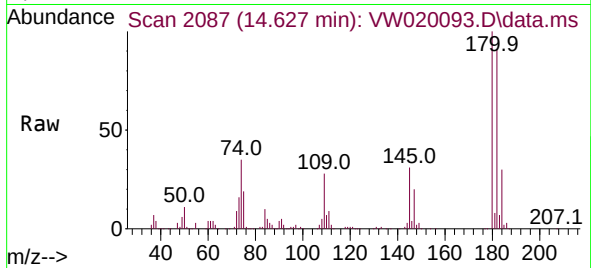
Tgt Ion: 75 Resp: 23483
Ion Ratio Lower Upper
75 100
155 67.5 58.5 87.7
157 88.7 77.4 116.0



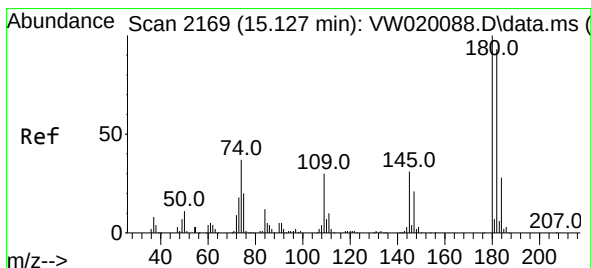
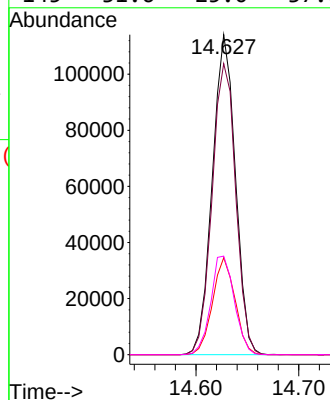
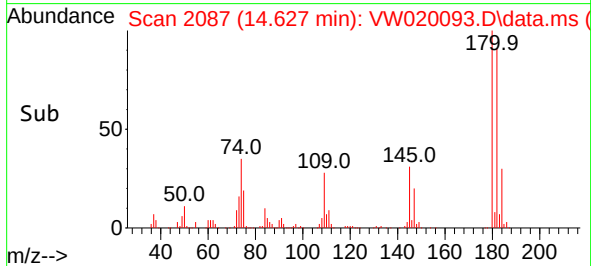


#69
1,3,5-Trichlorobenzene
Concen: 22.260 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

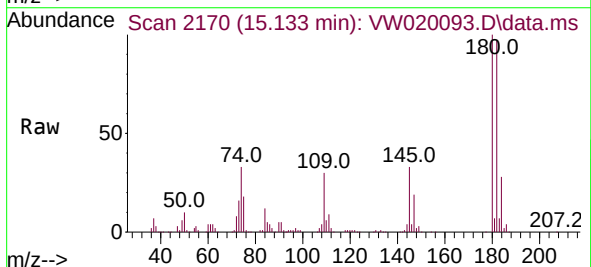
Instrument :
MSVOA_W
ClientSampled :



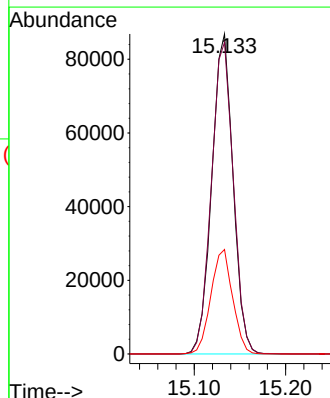
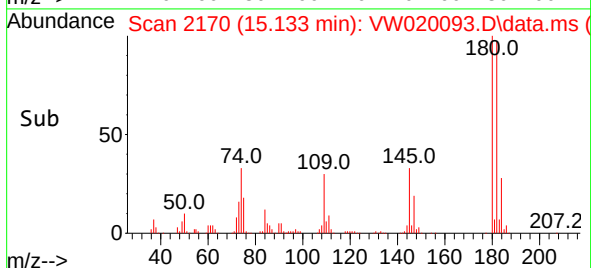
Tgt Ion:180 Resp: 177438
Ion Ratio Lower Upper
180 100
182 93.3 75.2 112.8
184 29.7 24.3 36.5
145 31.6 25.0 37.6

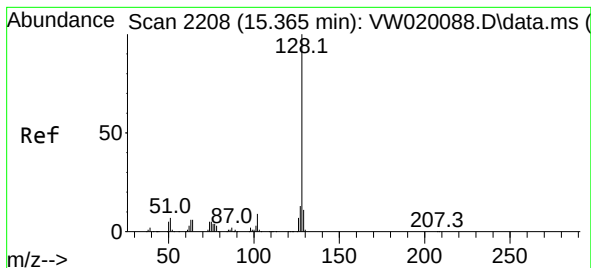


#70
1,2,4-trichlorobenzene
Concen: 22.817 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29



Tgt Ion:180 Resp: 140363
Ion Ratio Lower Upper
180 100
182 100.2 70.6 106.0
145 33.4 25.7 38.5

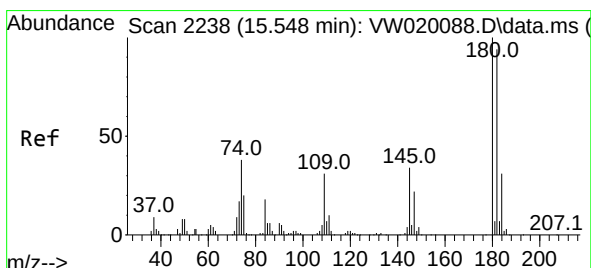
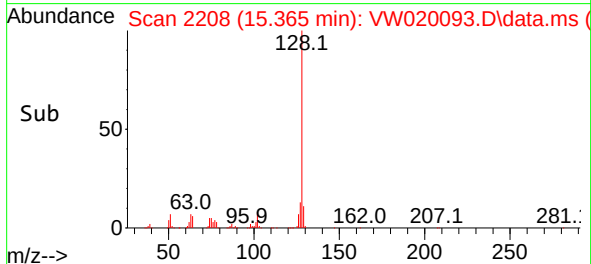
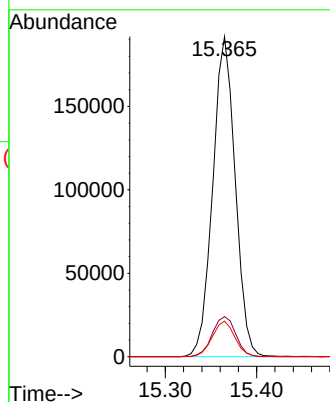
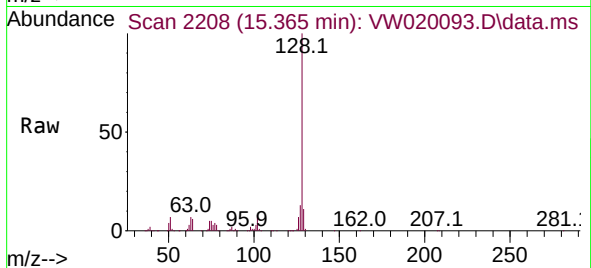




#71
Naphthalene
Concen: 30.191 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 327563
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.861 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020093.D
Acq: 21 Sep 2021 15:29

Tgt Ion:180 Resp: 132171
Ion Ratio Lower Upper
180 100
182 96.9 75.7 113.5
145 34.5 28.2 42.4

