

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092421\
 Data File : VW020185.D
 Acq On : 24 Sep 2021 12:22
 Operator : SY/VA
 Sample : M3834-16MSD
 Misc : 5.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW411MSD

Quant Time: Sep 25 00:41:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 25 00:37:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	316587	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	253795	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	104617	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.367	65	129183	19.946	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
7) Chloroethane-d5	2.898	69	101781	20.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
11) 1,1-Dichloroethene-d2	4.031	63	218626	21.559	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.240%
21) 2-Butanone-d5	7.086	46	33892	33.911	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.820%
24) Chloroform-d	7.653	84	224802	22.579	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	8.311	65	110526	20.626	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.520%
32) Benzene-d6	8.281	84	417819	25.805	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	9.274	67	120809	25.781	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.120%
41) Toluene-d8	10.329	98	345561	23.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.579	79	43128	21.533	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.120%
47) 2-Hexanone-d5	10.927	63	26703	41.178	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.360%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	73447	20.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	78919	20.118	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	85804	30.944	ug/L	93
3) Chloromethane	2.221	50	108267	28.236	ug/L	99
5) Vinyl chloride	2.373	62	156342	25.967	ug/L	96
6) Bromomethane	2.794	94	84131	21.615	ug/L	97
8) Chloroethane	2.934	64	92456	25.394	ug/L	98
9) Trichlorofluoromethane	3.269	101	104209	24.601	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	104650	22.598	ug/L	98
12) 1,1-Dichloroethene	4.050	96	107301	25.557	ug/L	89
13) Acetone	4.129	43	66164	77.297	ug/L	99
14) Carbon disulfide	4.397	76	285697	21.638	ug/L	99
15) Methyl Acetate	4.678	43	27807	16.988	ug/L	97
16) Methylene chloride	4.928	84	114758	20.543	ug/L	94
17) trans-1,2-Dichloroethene	5.434	96	110608	25.007	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	131379	25.022	ug/L	100
19) 1,1-Dichloroethane	6.226	63	216635	26.555	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	113348	25.199	ug/L	95
22) 2-Butanone	7.177	43	55985	50.414	ug/L	98
23) Bromochloromethane	7.525	128	47740	23.413	ug/L	91
25) Chloroform	7.683	83	218315	25.591	ug/L	99

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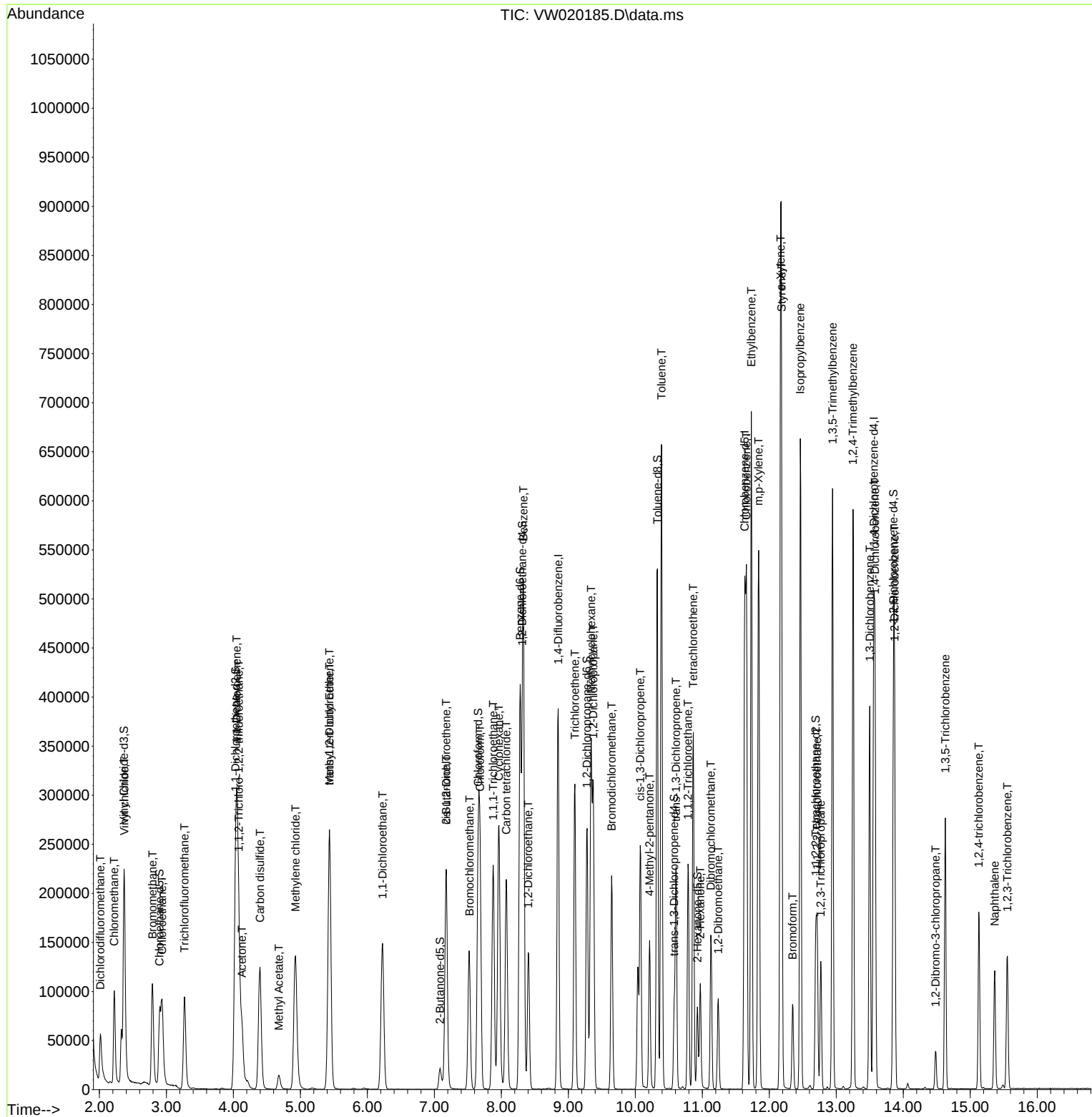
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	131145	23.360	ug/L	99
29) Cyclohexane	7.964	56	145248	25.720	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	183008	29.100	ug/L	99
31) Carbon tetrachloride	8.073	117	160888	28.117	ug/L	100
33) Benzene	8.329	78	458081	29.907	ug/L	100
34) Trichloroethene	9.098	95	110735	27.007	ug/L	98
35) Methylcyclohexane	9.341	83	136816	20.479	ug/L	99
37) 1,2-Dichloropropane	9.372	63	110253	29.061	ug/L	100
38) Bromodichloromethane	9.646	83	143515	27.935	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	144122	25.756	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	94672	49.549	ug/L	99
42) Toluene	10.390	91	462964	28.450	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	123791	24.629	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	70266	25.259	ug/L	99
46) Tetrachloroethene	10.866	164	77432	24.433	ug/L	98
48) 2-Hexanone	10.969	43	65535	49.238	ug/L	99
49) Dibromochloromethane	11.128	129	79919	24.586	ug/L	96
50) 1,2-Dibromoethane	11.237	107	61621	23.538	ug/L	97
51) Chlorobenzene	11.658	112	253116	23.916	ug/L	98
52) Ethylbenzene	11.731	91	455460	25.412	ug/L	98
53) m,p-Xylene	11.841	106	171730	25.132	ug/L	100
54) o-Xylene	12.170	106	161841	25.604	ug/L	98
55) Styrene	12.182	104	259490	23.626	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	71448	21.504	ug/L	97
59) Bromoform	12.347	173	37529	26.311	ug/L	99
60) Isopropylbenzene	12.463	105	411154	29.311	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	54749	27.715	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	308896	26.832	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	312182	27.606	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	150054	23.326	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	152330	22.914	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	133353	22.761	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	10631	23.974	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	77461	17.409	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	52925	15.413	ug/L	95
71) Naphthalene	15.365	128	98939	16.337	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	44246	14.310	ug/L	99

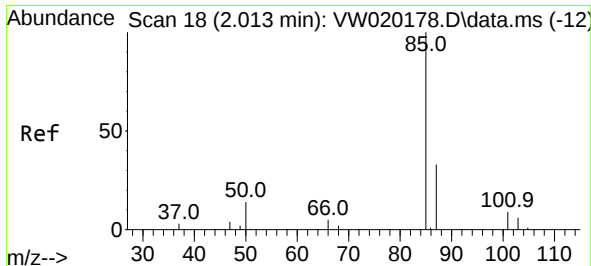
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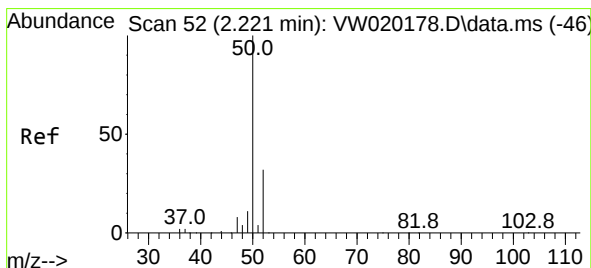
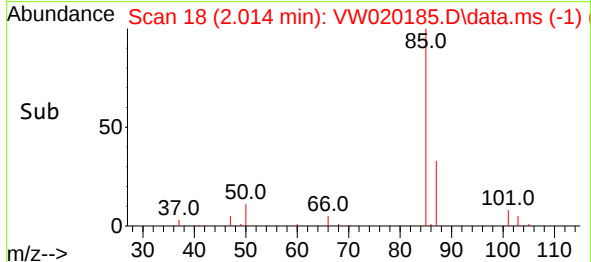
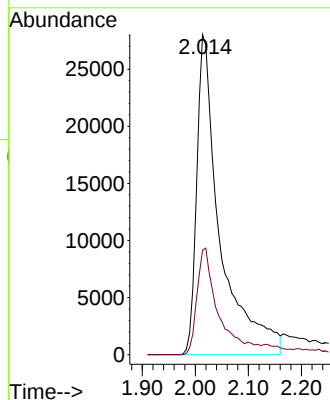
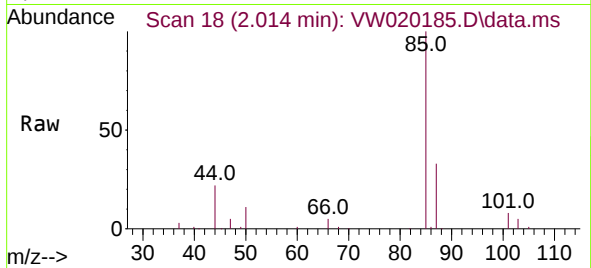




#2
Dichlorodifluoromethane
Concen: 30.944 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

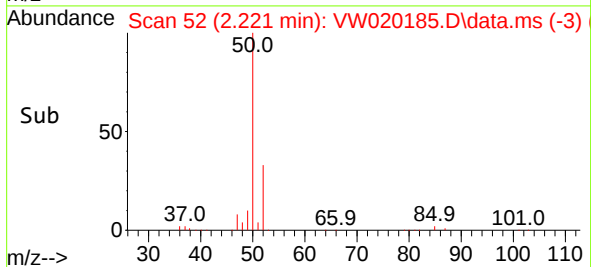
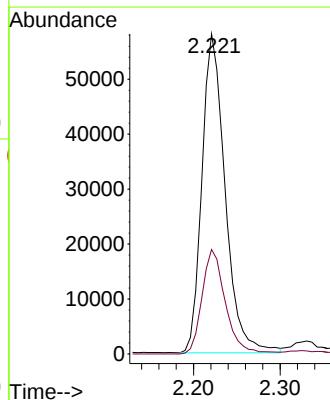
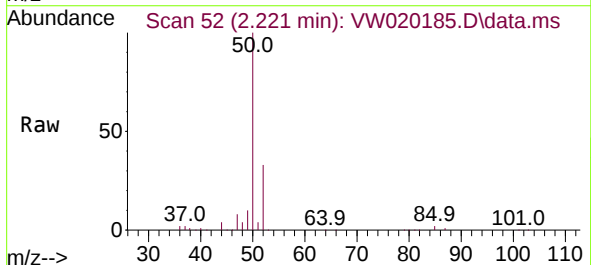
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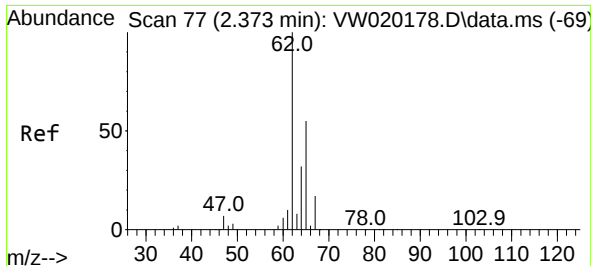
Tgt Ion: 85 Resp: 85804
Ion Ratio Lower Upper
85 100
87 28.8 26.3 39.5



#3
Chloromethane
Concen: 28.236 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 50 Resp: 108267
Ion Ratio Lower Upper
50 100
52 32.7 22.5 41.9

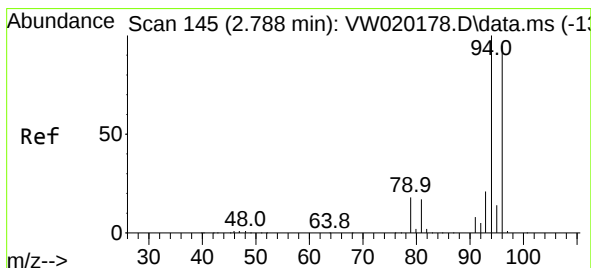
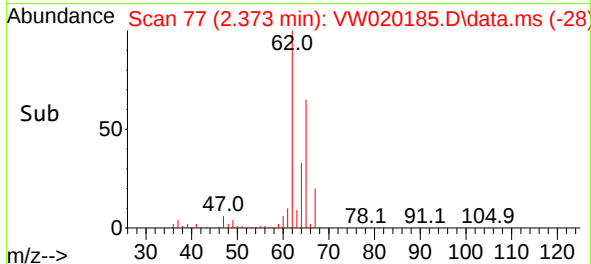
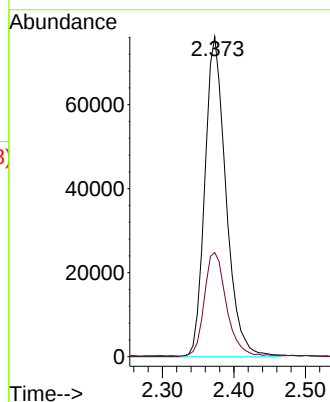
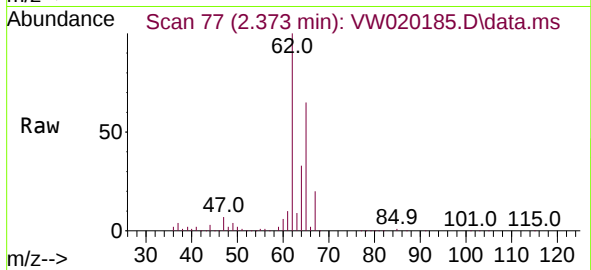




#5
 Vinyl chloride
 Concen: 25.967 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: VW020185.D
 Acq: 24 Sep 2021 12:22

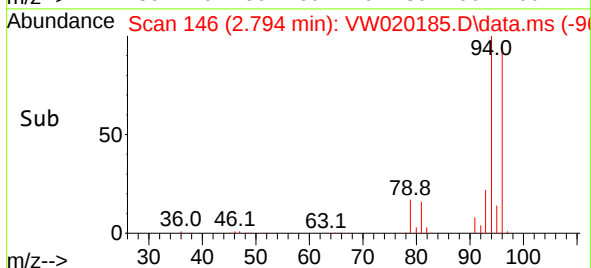
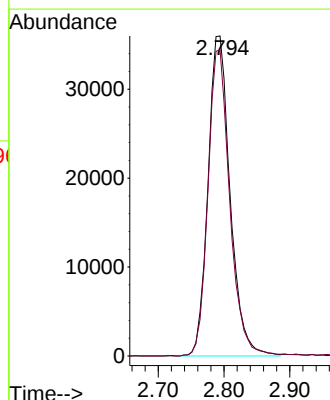
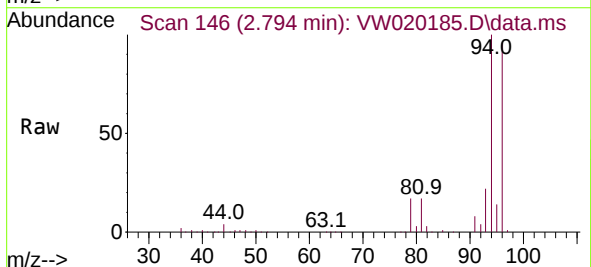
Instrument :
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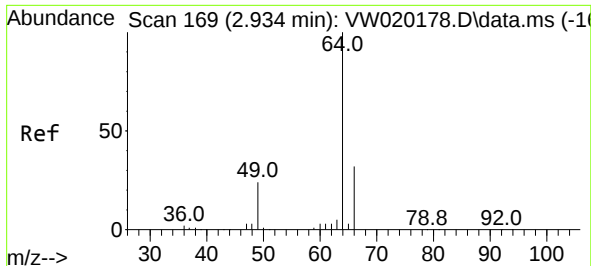
Tgt Ion: 62 Resp: 156342
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.5 45.5



#6
 Bromomethane
 Concen: 21.615 ug/L
 RT: 2.794 min Scan# 146
 Delta R.T. 0.006 min
 Lab File: VW020185.D
 Acq: 24 Sep 2021 12:22

Tgt Ion: 94 Resp: 84131
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.8 120.3

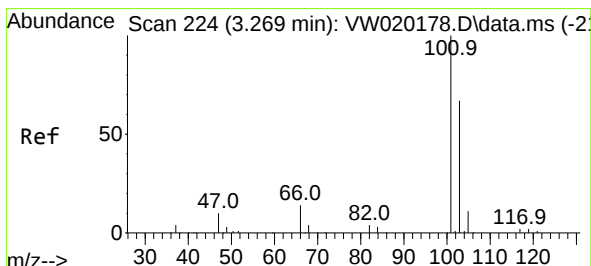
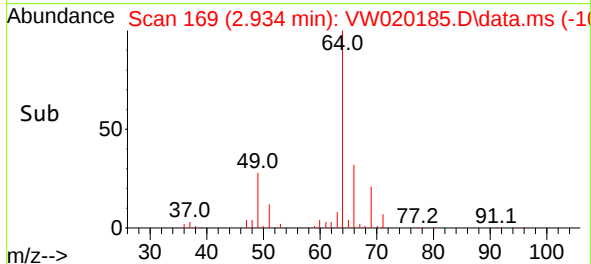
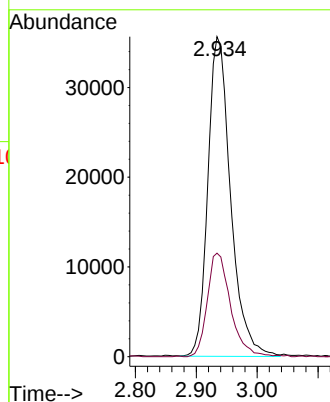
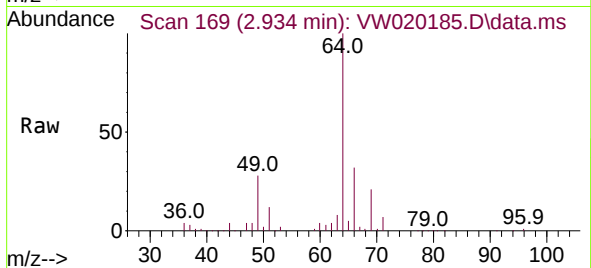




#8
Chloroethane
Concen: 25.394 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

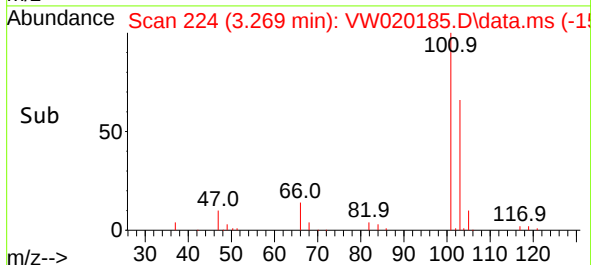
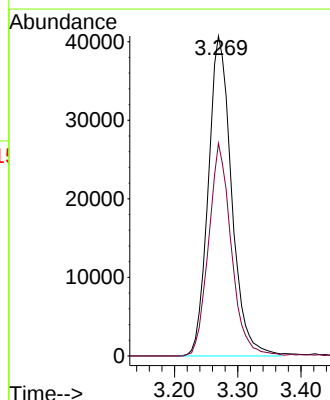
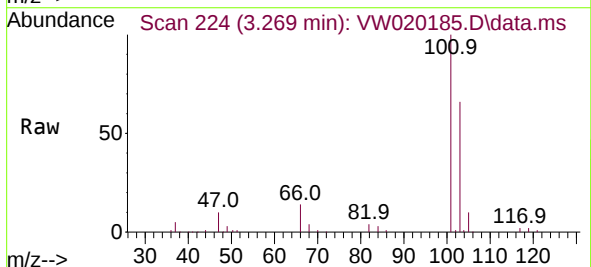
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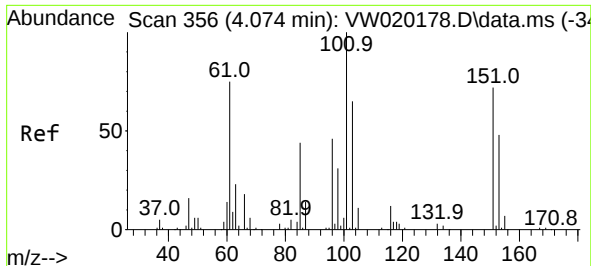
Tgt Ion: 64 Resp: 92456
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.601 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion:101 Resp: 104209
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9

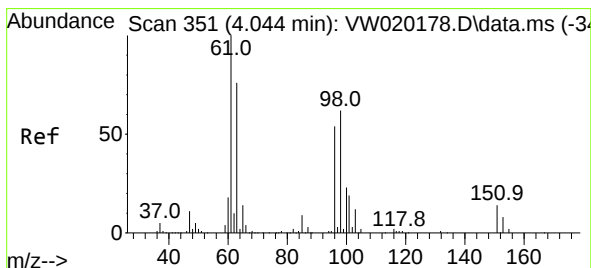
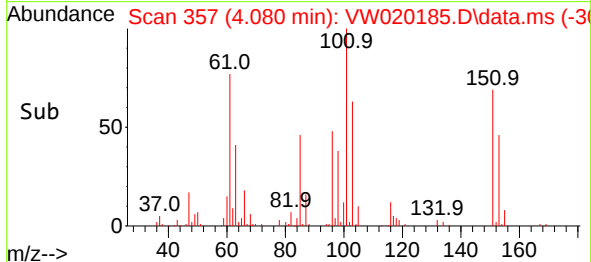
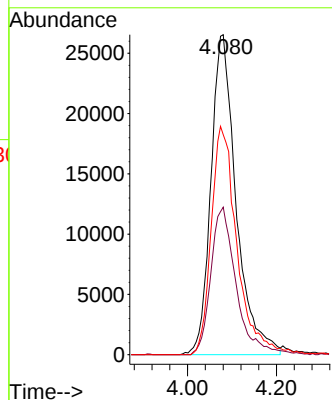
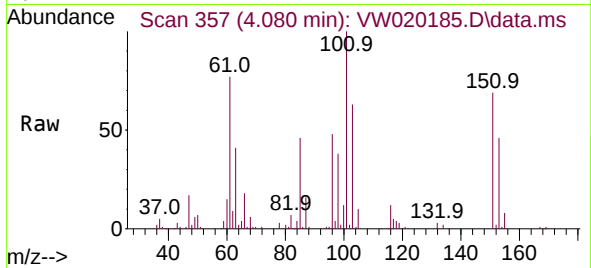




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.598 ug/L
 RT: 4.080 min Scan# 357
 Delta R.T. 0.006 min
 Lab File: VW020185.D
 Acq: 24 Sep 2021 12:22

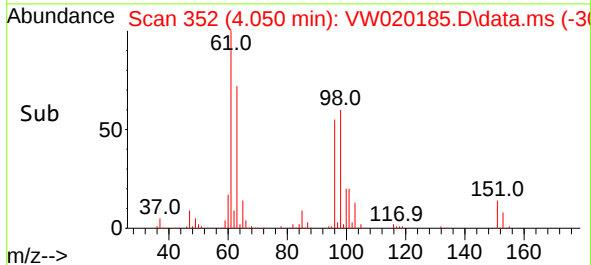
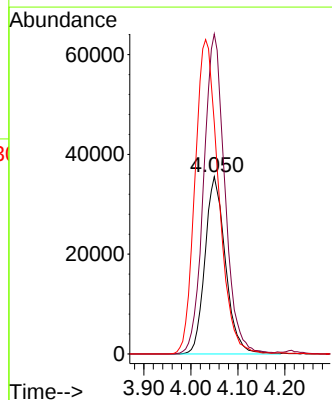
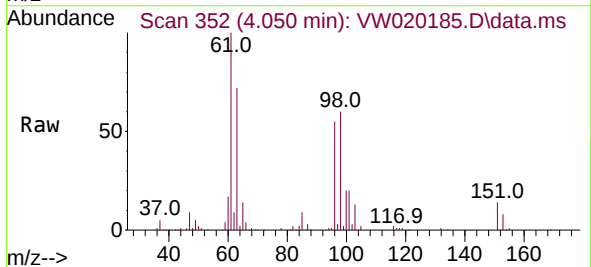
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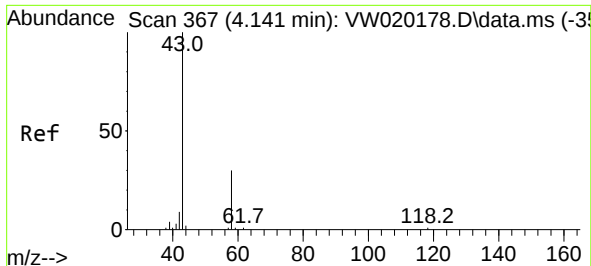
Tgt Ion:101 Resp: 104650
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.4 53.0
 151 72.4 59.0 88.6



#12
 1,1-Dichloroethene
 Concen: 25.557 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW020185.D
 Acq: 24 Sep 2021 12:22

Tgt Ion: 96 Resp: 107301
 Ion Ratio Lower Upper
 96 100
 61 180.4 126.1 234.3
 63 130.4 112.6 209.0

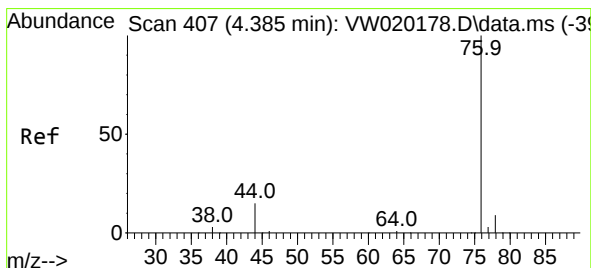
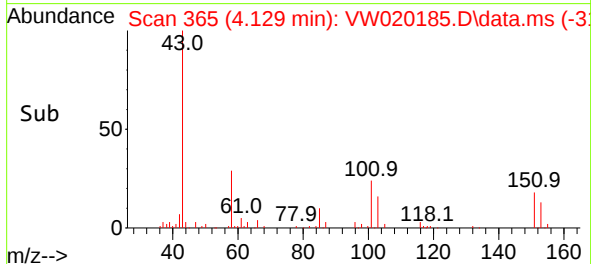
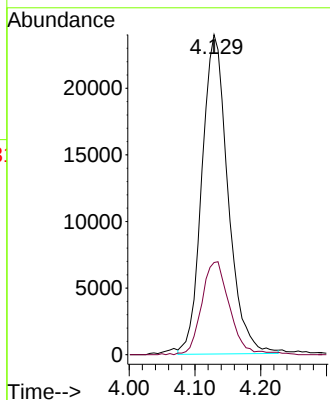
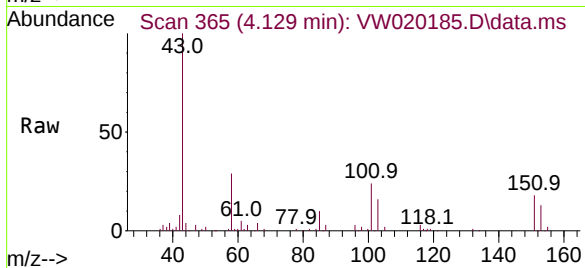




#13
Acetone
Concen: 77.297 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW020185.D
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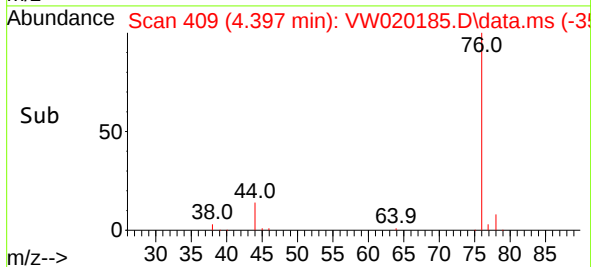
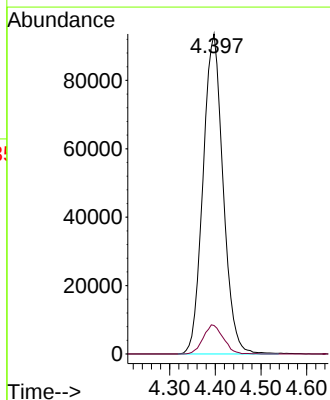
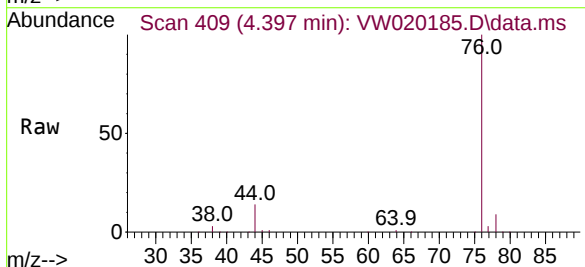
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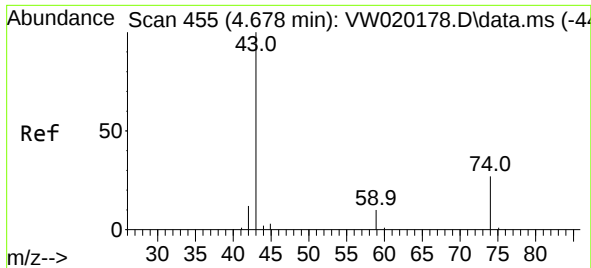
Tgt Ion: 43 Resp: 66164
Ion Ratio Lower Upper
43 100
58 30.4 0.0 61.6



#14
Carbon disulfide
Concen: 21.638 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 76 Resp: 285697
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

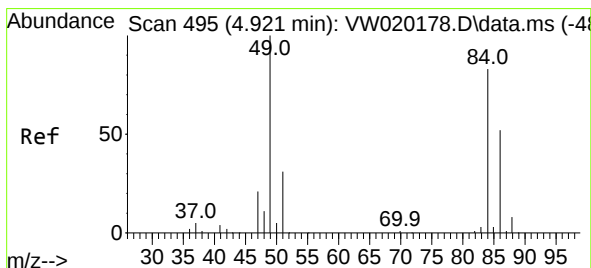
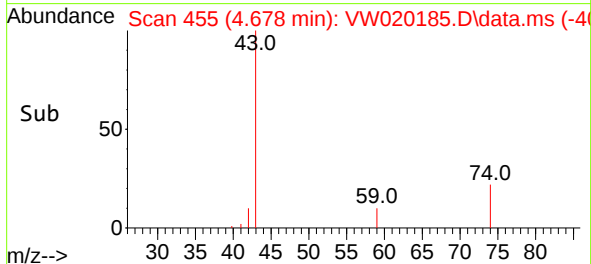
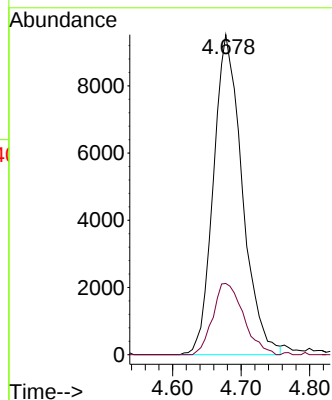
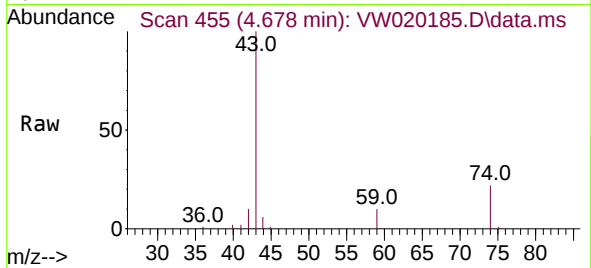




#15
Methyl Acetate
Concen: 16.988 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

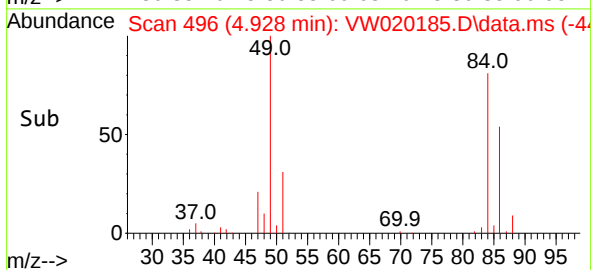
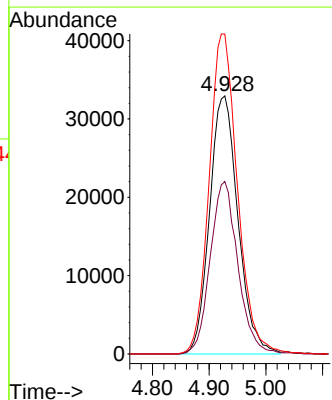
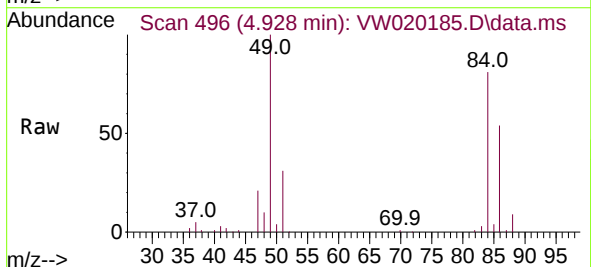
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

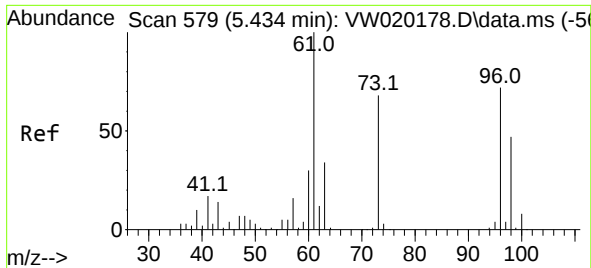
Tgt Ion: 43 Resp: 27807
Ion Ratio Lower Upper
43 100
74 23.7 20.0 30.0



#16
Methylene chloride
Concen: 20.543 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 84 Resp: 114758
Ion Ratio Lower Upper
84 100
86 66.8 42.6 79.0
49 123.9 83.4 154.8

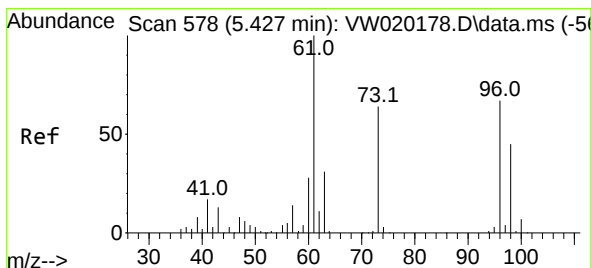
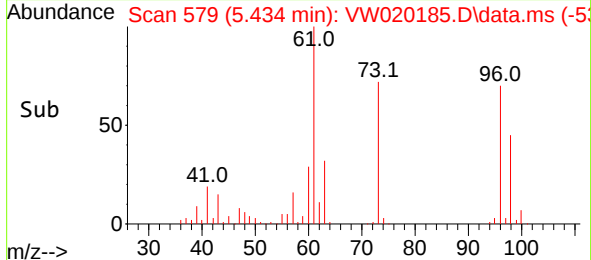
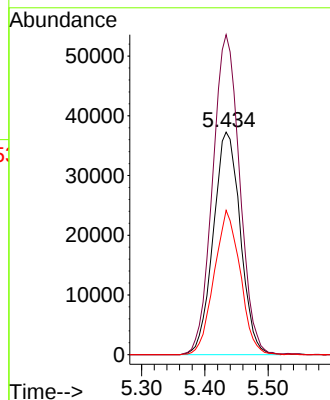
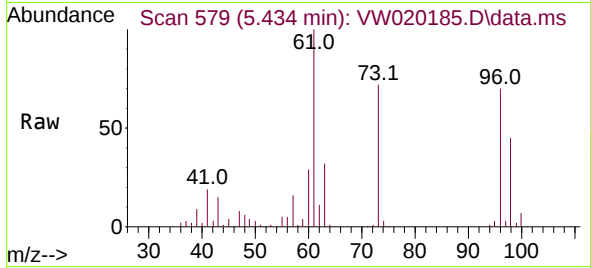




#17
trans-1,2-Dichloroethene
Concen: 25.007 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

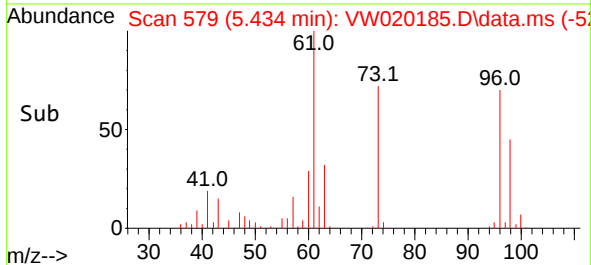
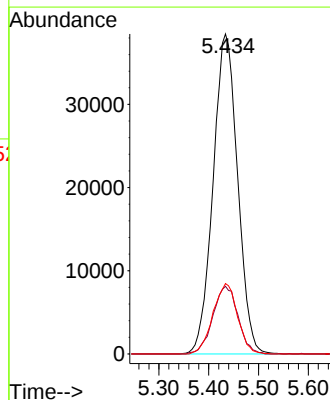
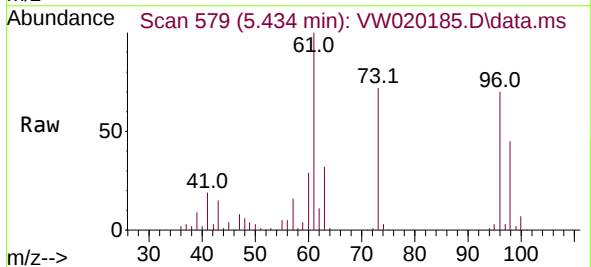
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

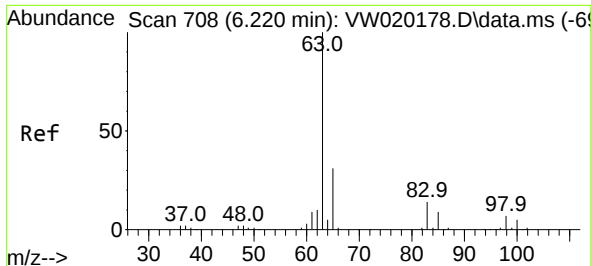
Tgt Ion:	96	Resp:	110608
Ion	Ratio	Lower	Upper
96	100		
61	143.8	98.3	182.5
98	64.8	46.6	86.6



#18
Methyl tert-butyl Ether
Concen: 25.022 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion:	73	Resp:	131379
Ion	Ratio	Lower	Upper
73	100		
43	21.7	17.4	26.0
57	22.0	17.4	26.0





#19

1,1-Dichloroethane

Concen: 26.555 ug/L

RT: 6.226 min Scan# 709

Delta R.T. 0.006 min

Lab File: VW020185.D

Acq: 24 Sep 2021 12:22

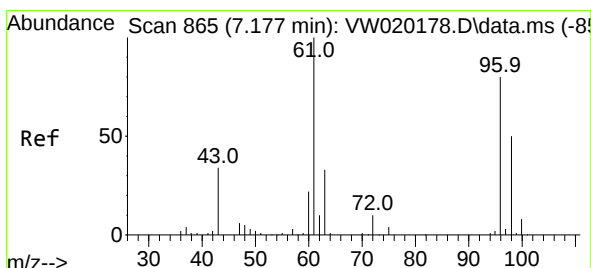
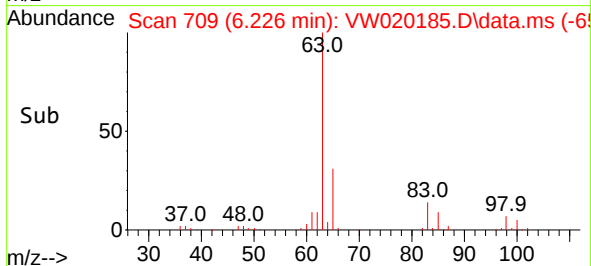
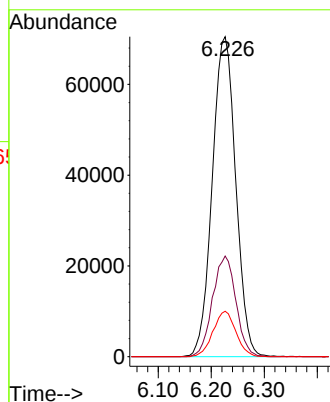
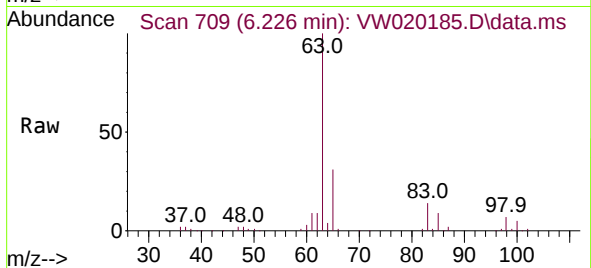
Tgt Ion: 63 Resp: 216635

Ion Ratio Lower Upper

63 100

65 31.5 23.1 42.9

83 14.2 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 25.199 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.000 min

Lab File: VW020185.D

Acq: 24 Sep 2021 12:22

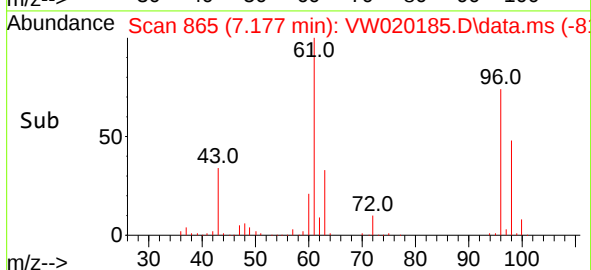
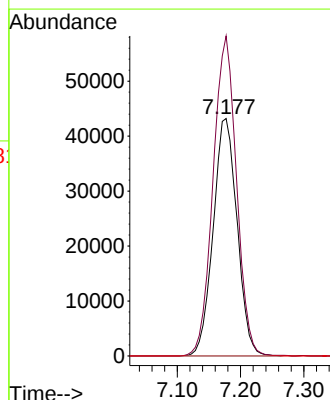
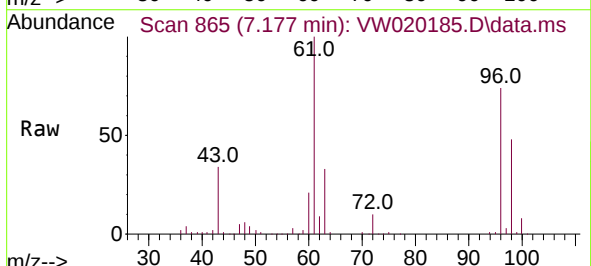
Tgt Ion: 96 Resp: 113348

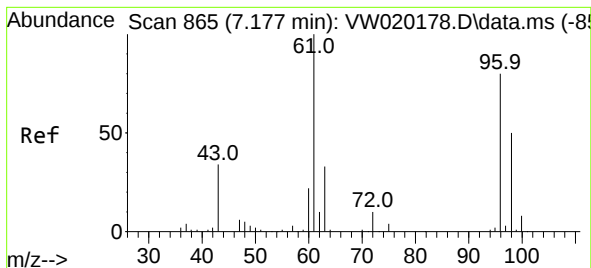
Ion Ratio Lower Upper

96 100

61 134.8 89.9 167.0

68 0.0 0.0 0.0

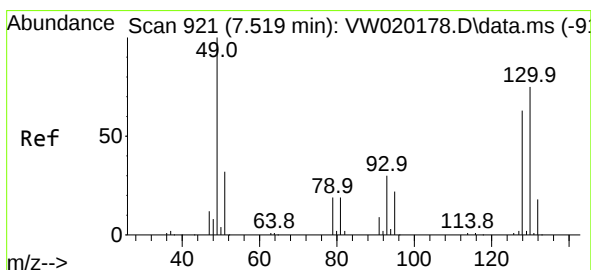
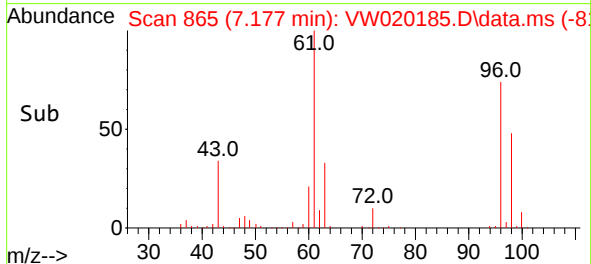
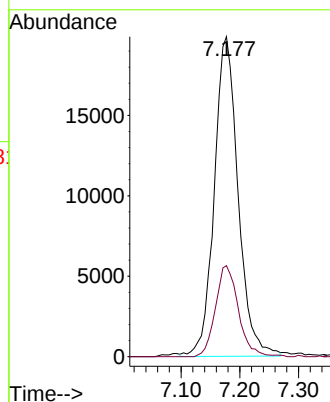
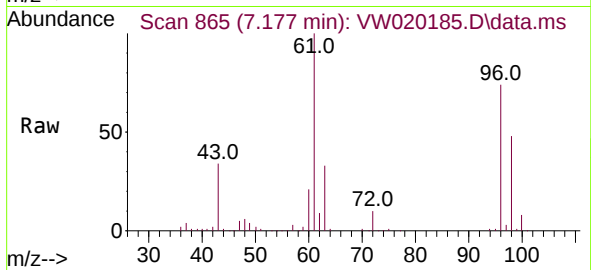




#22
2-Butanone
Concen: 50.414 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

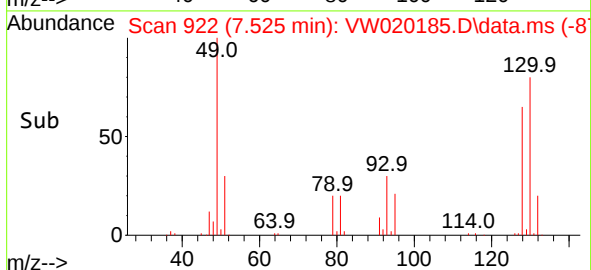
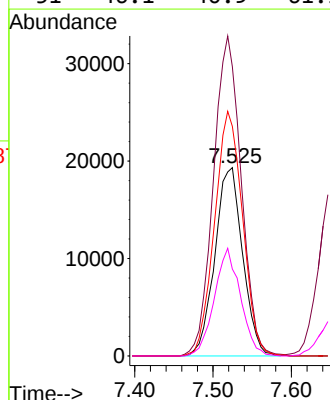
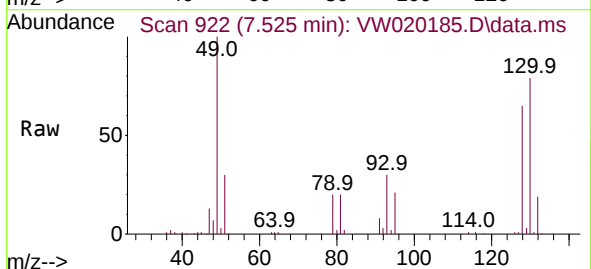
Instrument :
MSVOA_W
ClientSampled :
EW411MSD

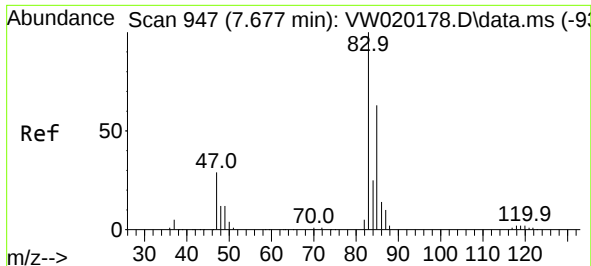
Tgt Ion: 43 Resp: 55985
Ion Ratio Lower Upper
43 100
72 27.3 14.1 42.2



#23
Bromochloromethane
Concen: 23.413 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 128 Resp: 47740
Ion Ratio Lower Upper
128 100
49 153.7 114.7 213.1
130 122.0 94.2 175.0
51 46.1 40.9 61.3

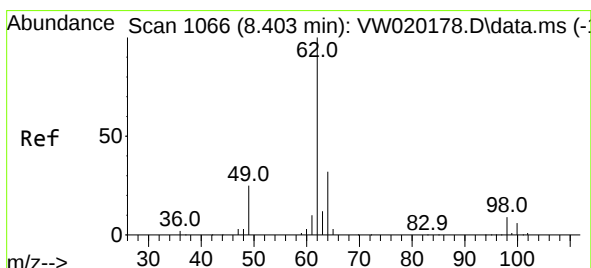
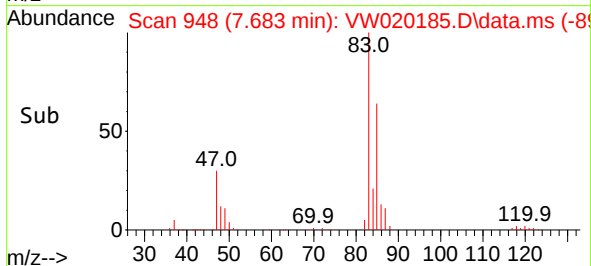
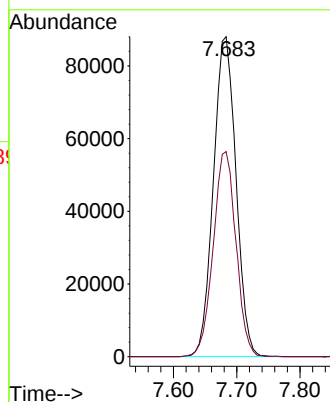
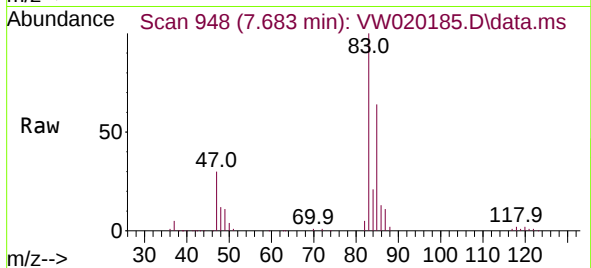




#25
Chloroform
Concen: 25.591 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

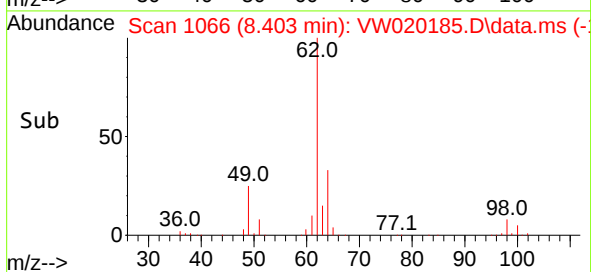
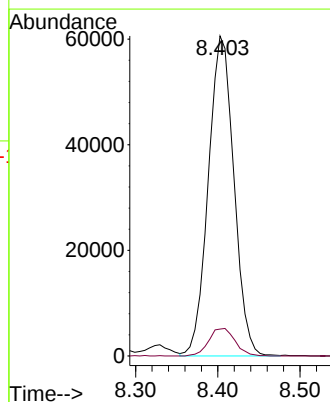
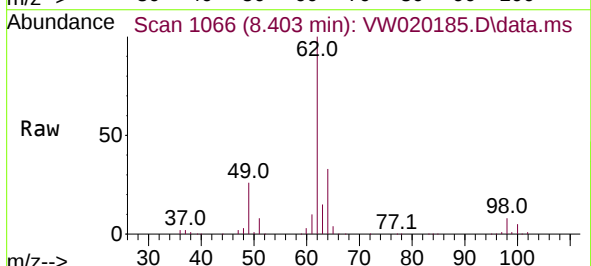
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

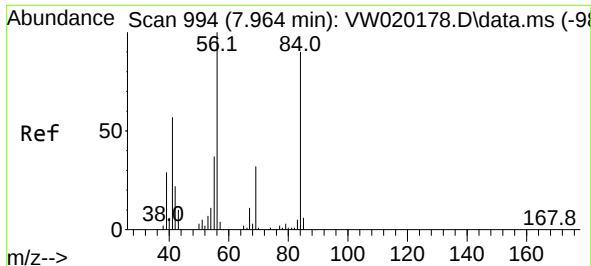
Tgt Ion: 83 Resp: 218315
Ion Ratio Lower Upper
83 100
85 64.1 45.6 84.8



#27
1,2-Dichloroethane
Concen: 23.360 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

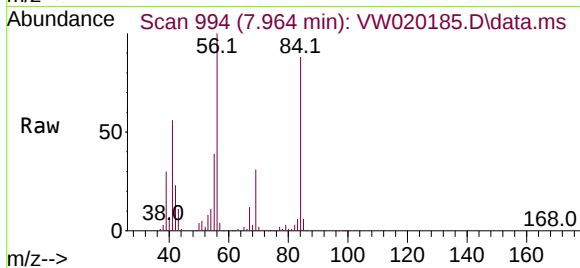
Tgt Ion: 62 Resp: 131145
Ion Ratio Lower Upper
62 100
98 8.4 6.9 10.3



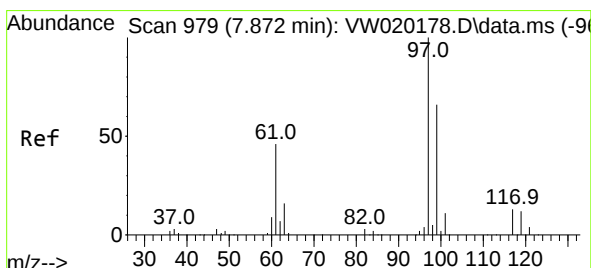
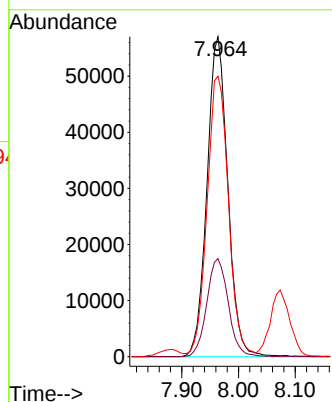
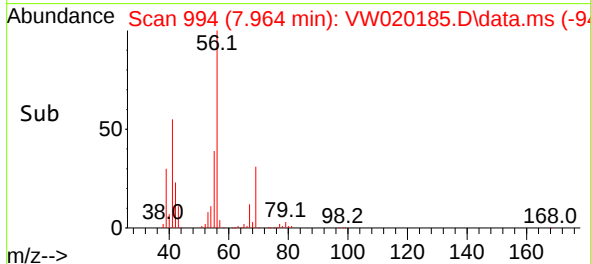


#29
Cyclohexane
Concen: 25.720 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

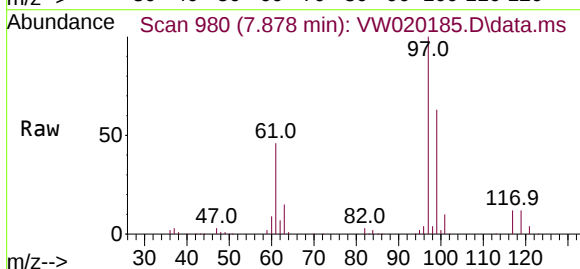
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD



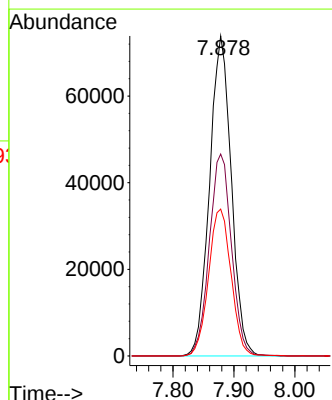
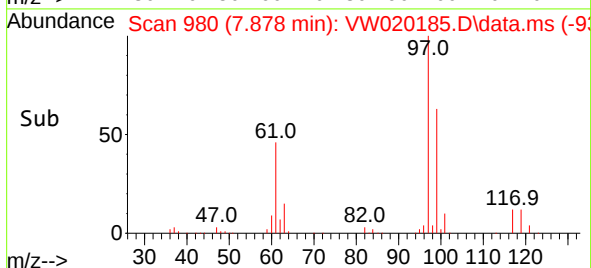
Tgt Ion: 56 Resp: 145248
Ion Ratio Lower Upper
56 100
69 31.6 25.7 38.5
84 90.4 73.4 110.2

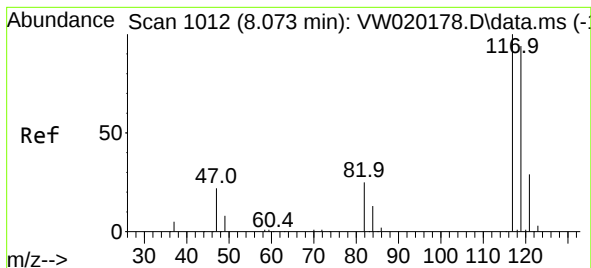


#30
1,1,1-Trichloroethane
Concen: 29.100 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22



Tgt Ion: 97 Resp: 183008
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 47.6 37.5 56.3

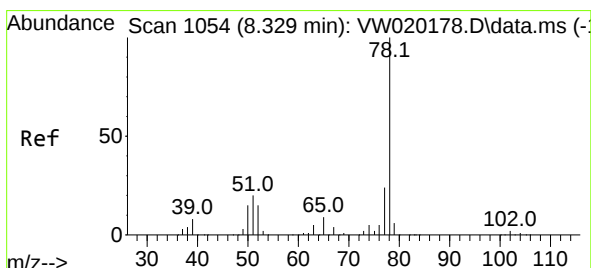
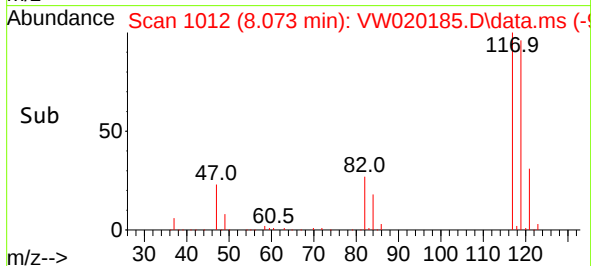
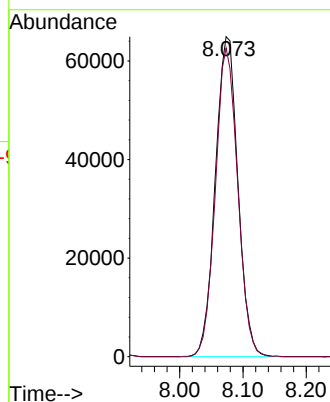
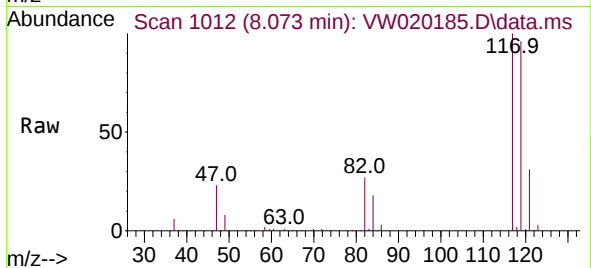




#31
Carbon tetrachloride
Concen: 28.117 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

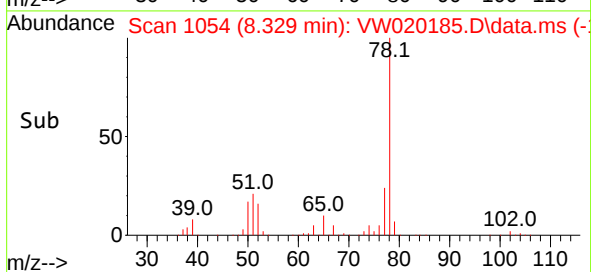
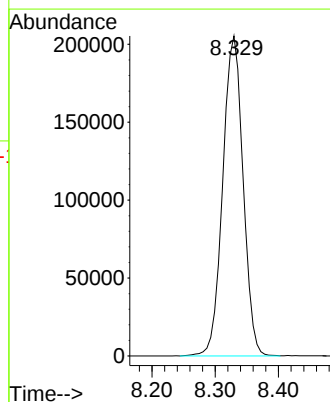
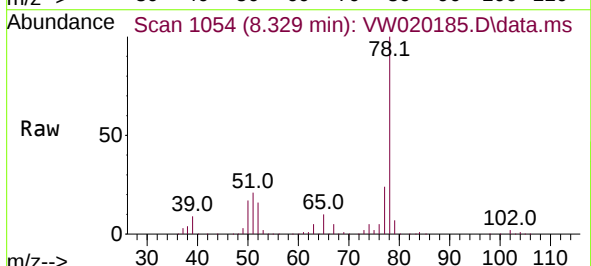
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

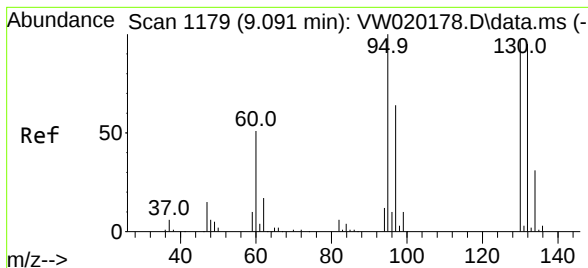
Tgt Ion:117 Resp: 160888
Ion Ratio Lower Upper
117 100
119 95.1 76.4 114.6



#33
Benzene
Concen: 29.907 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 78 Resp: 458081



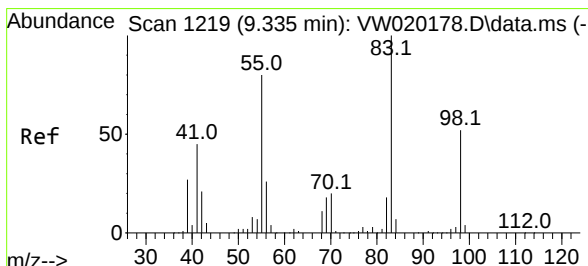
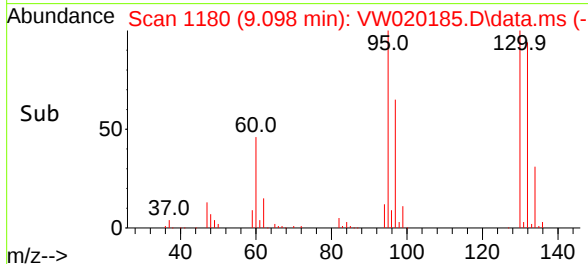
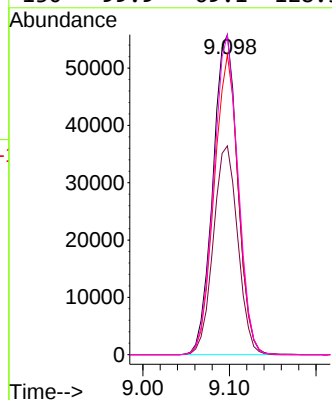
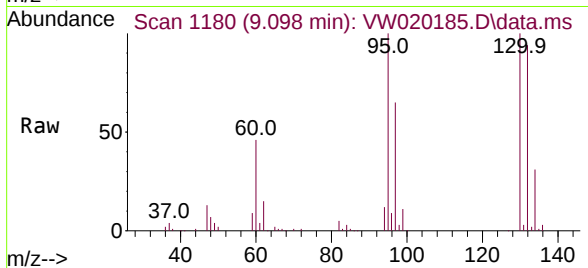


#34
Trichloroethene
Concen: 27.007 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

Tgt Ion: 95 Resp: 110735

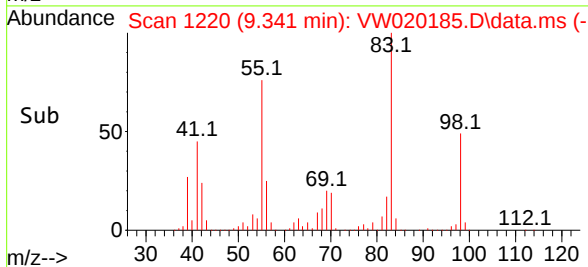
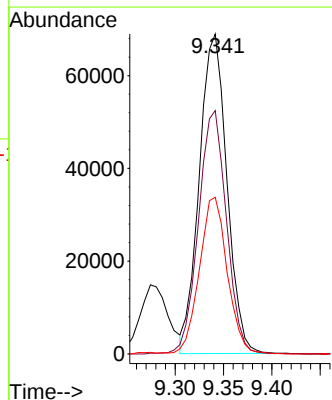
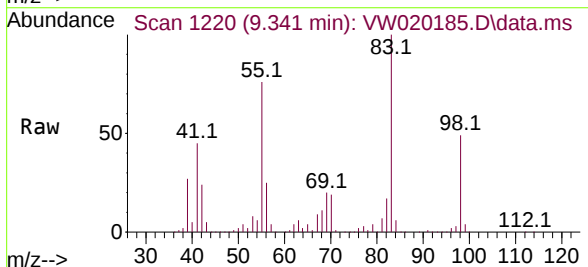
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.1	83.7
132	93.8	67.9	126.1
130	99.9	69.1	128.3

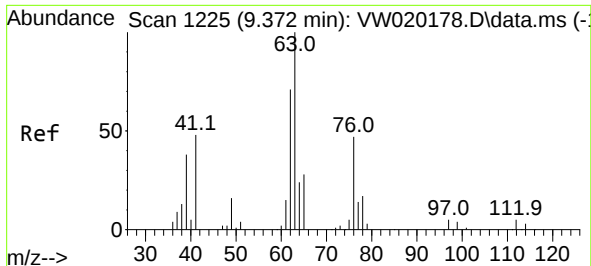


#35
Methylcyclohexane
Concen: 20.479 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 83 Resp: 136816

Ion	Ratio	Lower	Upper
83	100		
55	77.3	61.4	92.2
98	49.6	38.1	57.1

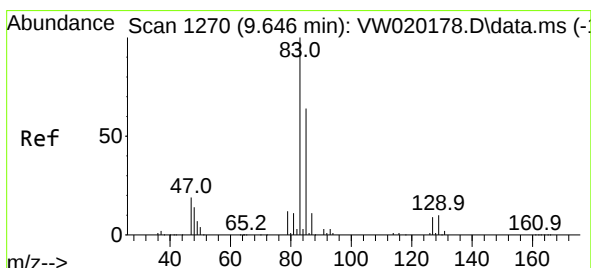
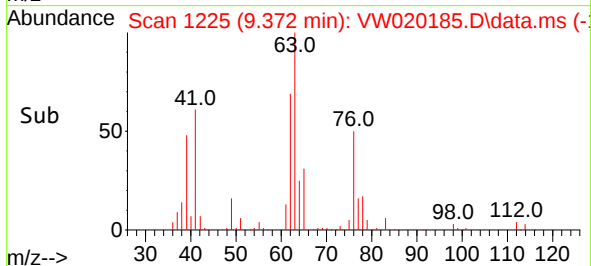
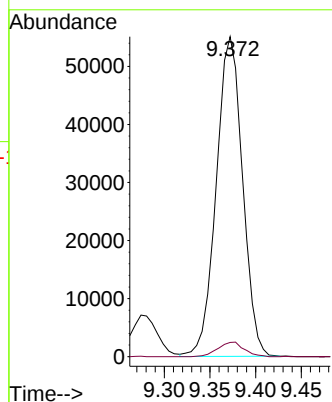
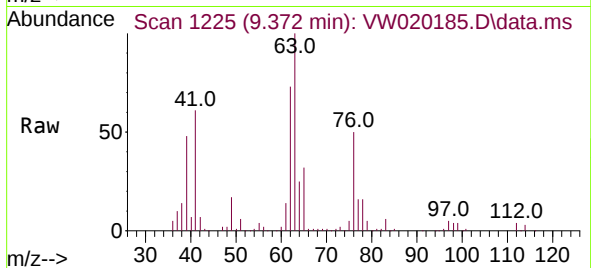




#37
1,2-Dichloropropane
Concen: 29.061 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

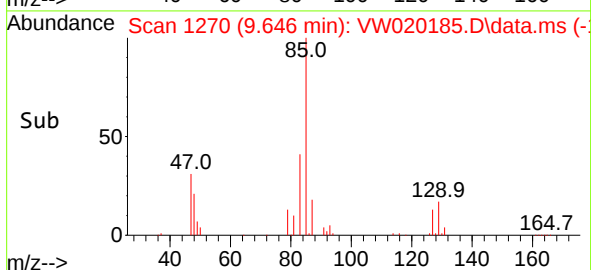
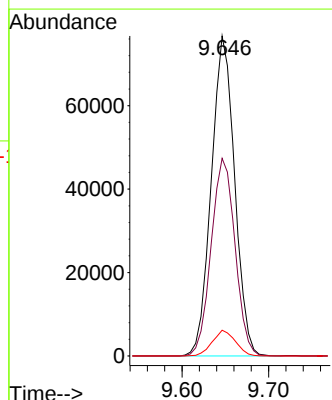
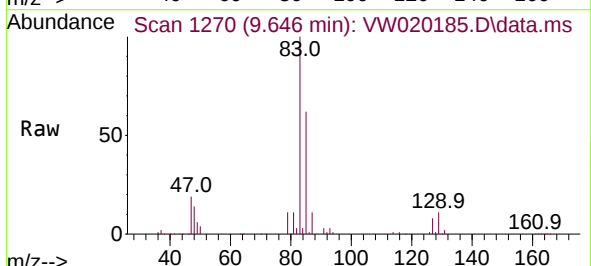
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

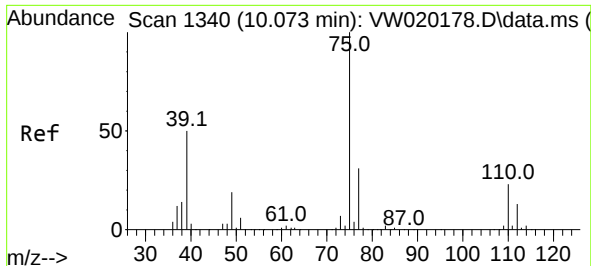
Tgt Ion: 63 Resp: 110253
Ion Ratio Lower Upper
63 100
112 4.6 3.6 5.4



#38
Bromodichloromethane
Concen: 27.935 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 83 Resp: 143515
Ion Ratio Lower Upper
83 100
85 61.7 44.4 82.5
127 8.1 6.5 9.7

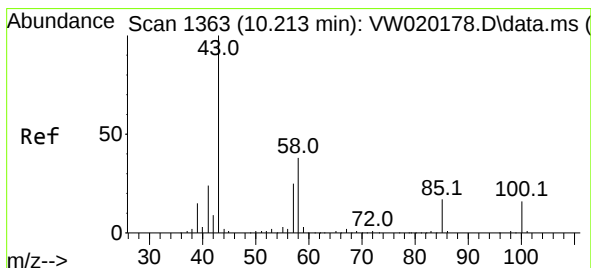
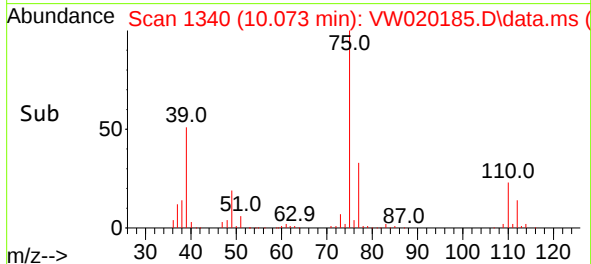
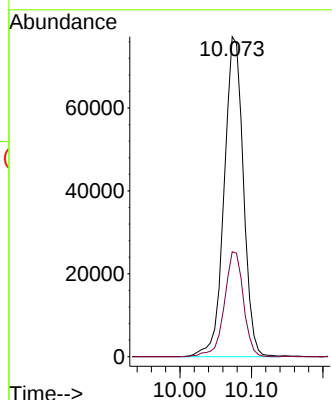
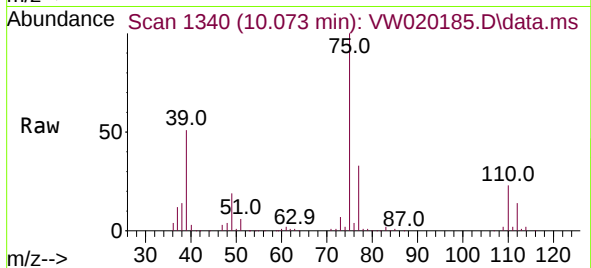




#39
cis-1,3-Dichloropropene
Concen: 25.756 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

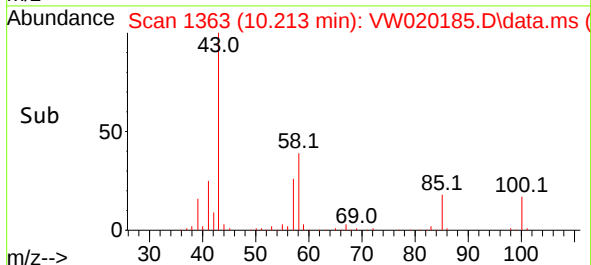
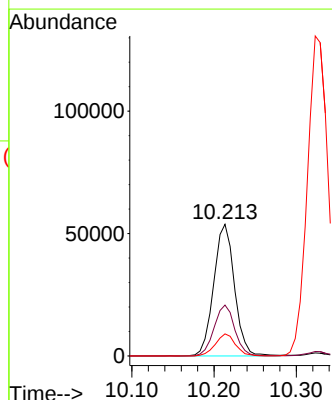
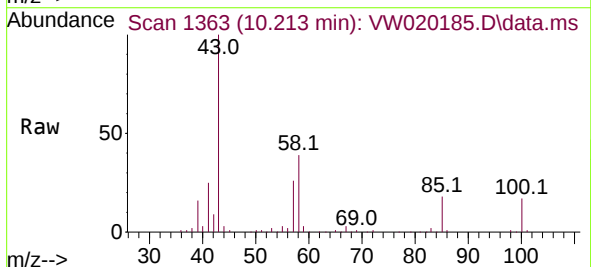
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

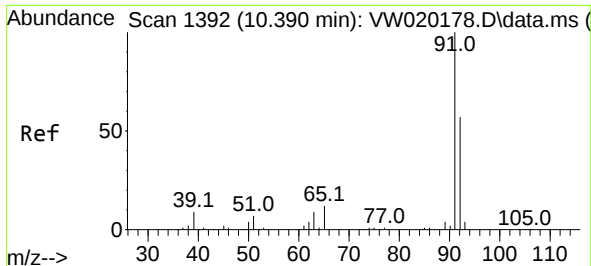
Tgt Ion: 75 Resp: 144122
Ion Ratio Lower Upper
75 100
77 32.8 23.0 42.6



#40
4-Methyl-2-pentanone
Concen: 49.549 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 43 Resp: 94672
Ion Ratio Lower Upper
43 100
58 38.4 31.3 46.9
100 16.2 13.3 19.9

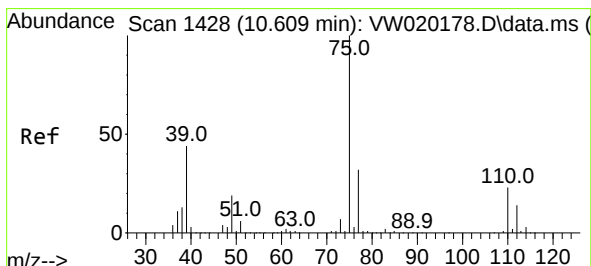
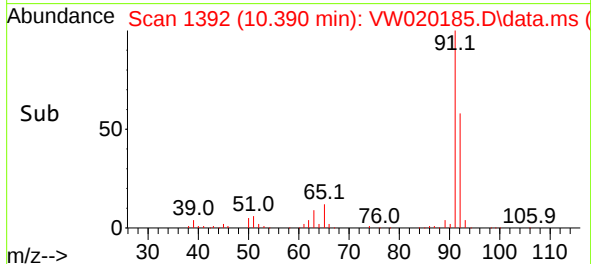
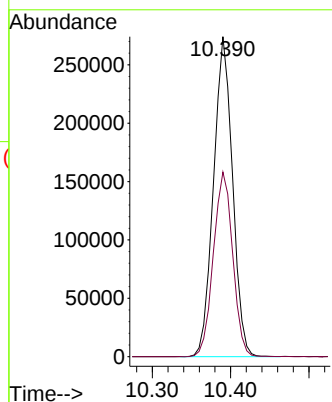
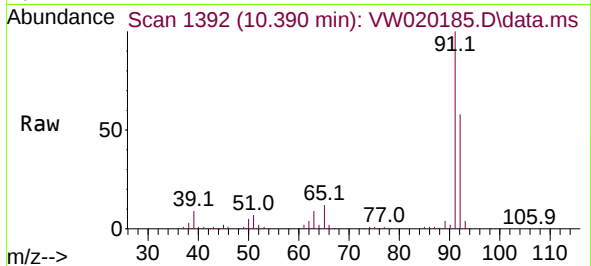




#42
Toluene
Concen: 28.450 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

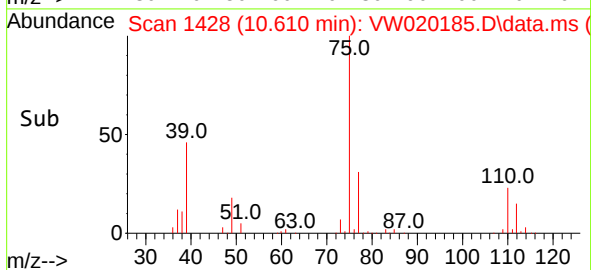
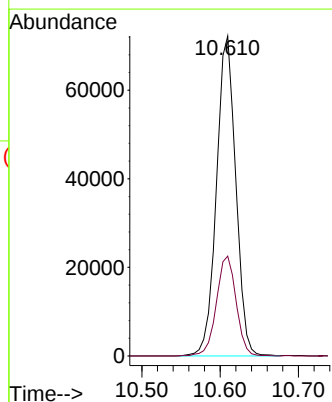
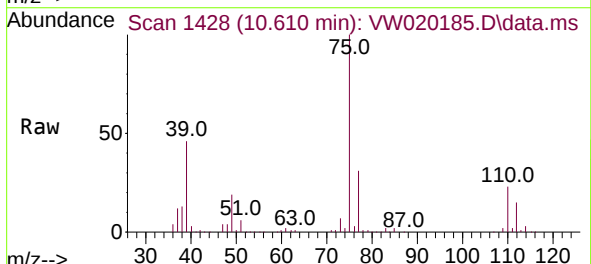
Instrument :
MSVOA_W
ClientSampled :
EW411MSD

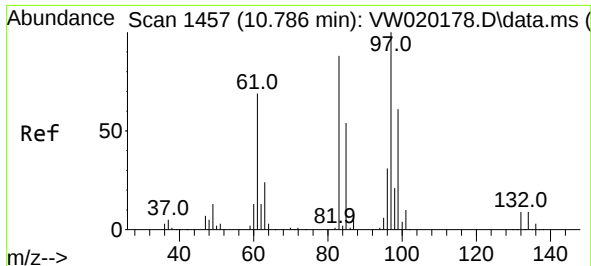
Tgt Ion: 91 Resp: 462964
Ion Ratio Lower Upper
91 100
92 57.7 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 24.629 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 75 Resp: 123791
Ion Ratio Lower Upper
75 100
77 31.2 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 25.259 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020185.D

Acq: 24 Sep 2021 12:22

Tgt Ion: 97 Resp: 70266

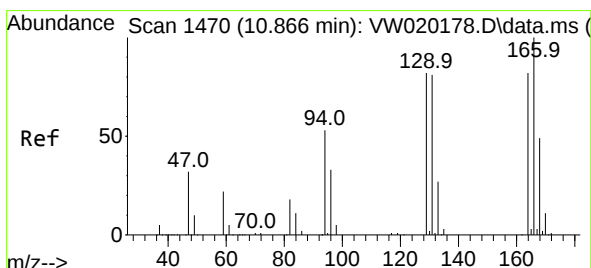
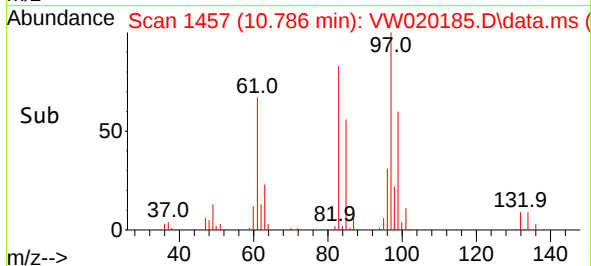
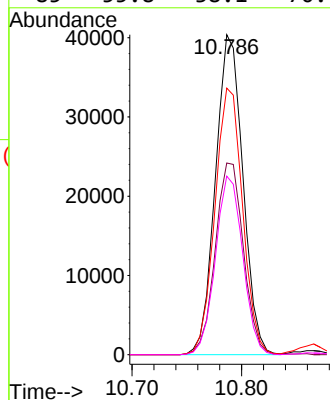
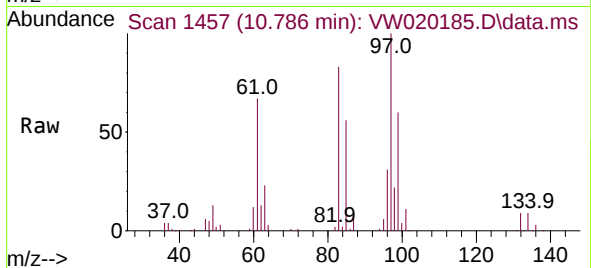
Ion Ratio Lower Upper

97 100

99 59.9 42.0 78.0

83 83.3 58.7 108.9

85 55.8 38.1 70.7



#46

Tetrachloroethene

Concen: 24.433 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW020185.D

Acq: 24 Sep 2021 12:22

Tgt Ion:164 Resp: 77432

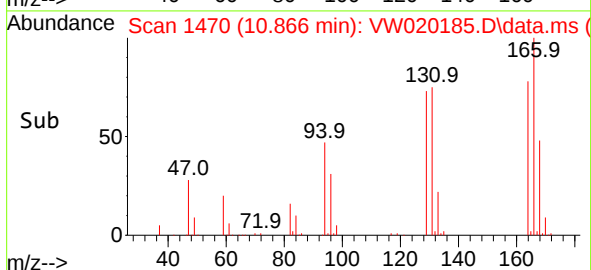
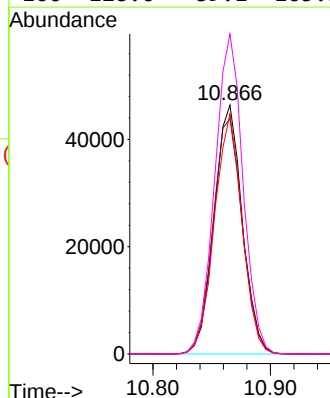
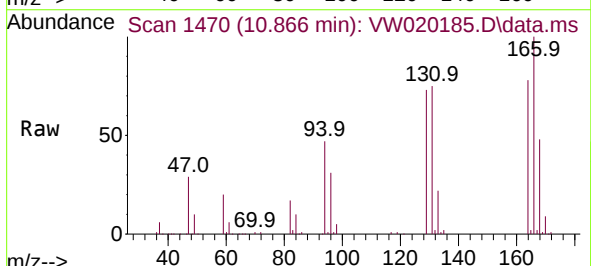
Ion Ratio Lower Upper

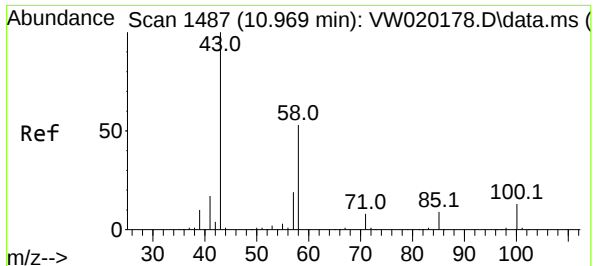
164 100

129 94.5 69.5 129.1

131 96.5 66.5 123.5

166 128.6 89.1 165.5

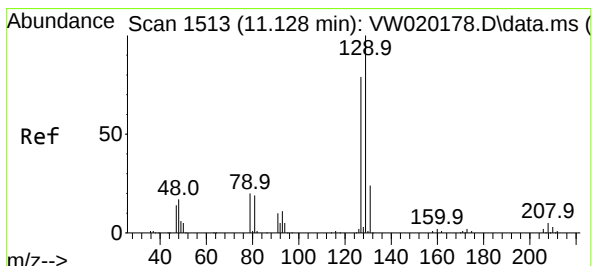
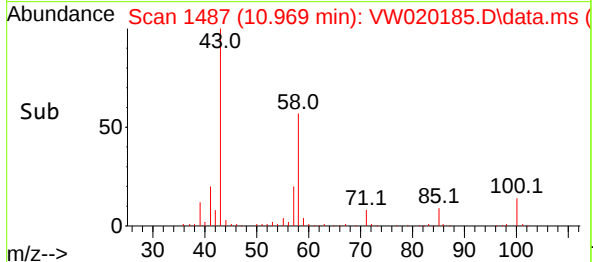
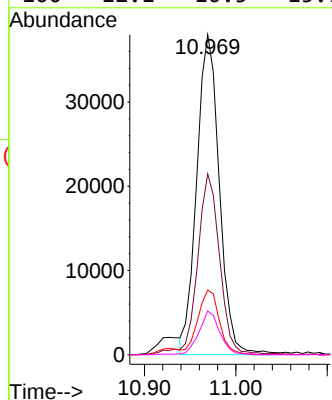
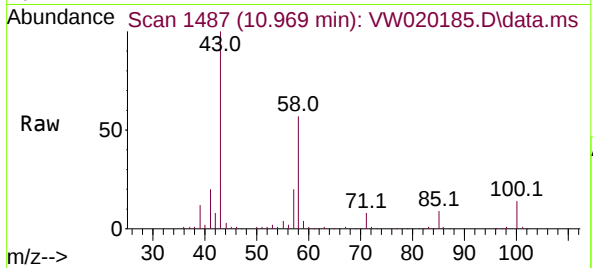




#48
2-Hexanone
Concen: 49.238 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

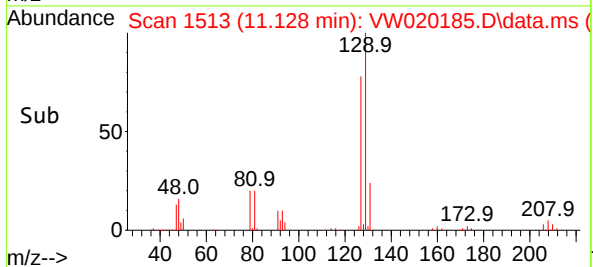
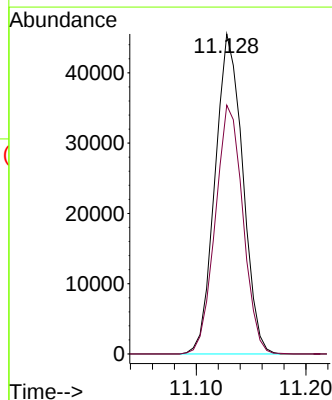
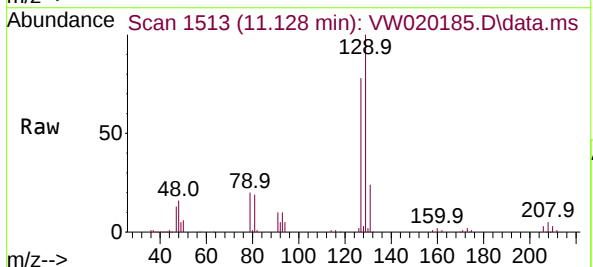
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

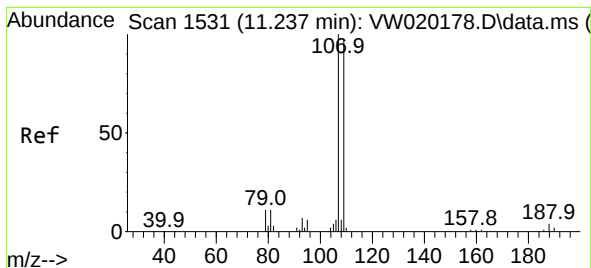
Tgt Ion: 43	Resp: 65535
Ion Ratio	Lower Upper
43 100	
58 55.1	43.8 65.6
57 19.3	15.6 23.4
100 12.1	10.5 15.7



#49
Dibromochloromethane
Concen: 24.586 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

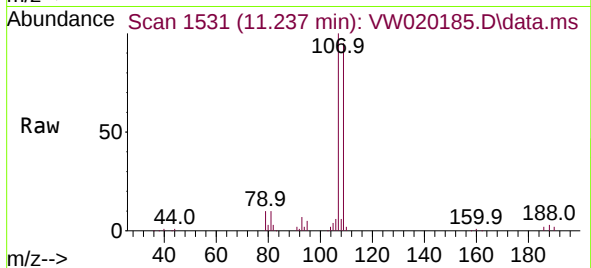
Tgt Ion:129	Resp:	79919	
Ion	Ratio	Lower	Upper
129	100		
127	77.7	57.0	105.8



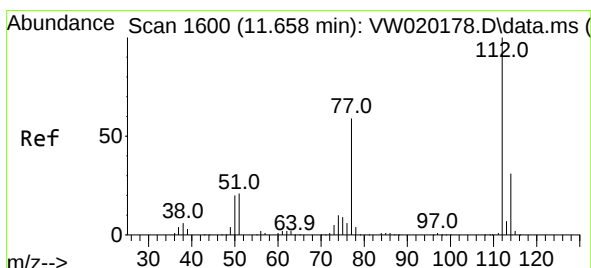
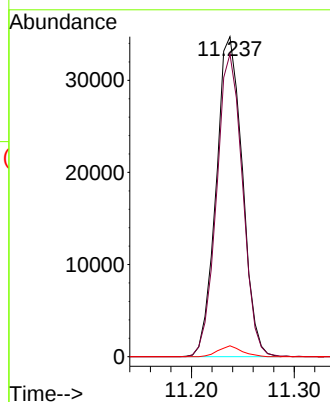
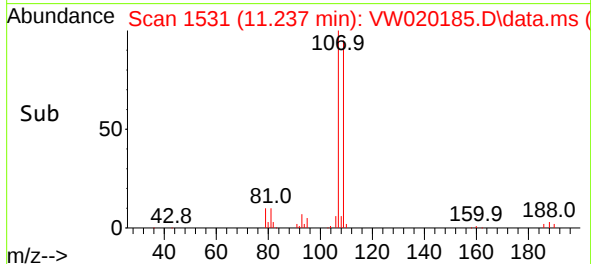


#50
1,2-Dibromoethane
Concen: 23.538 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

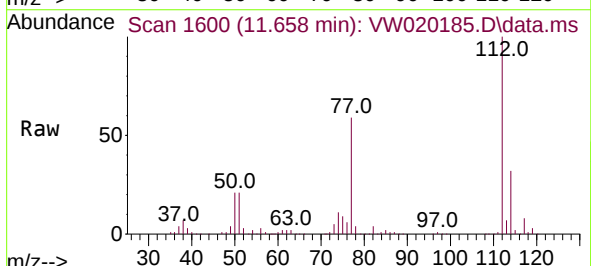
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD



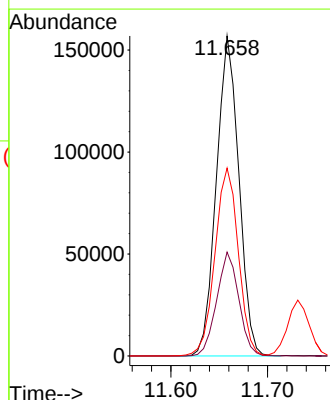
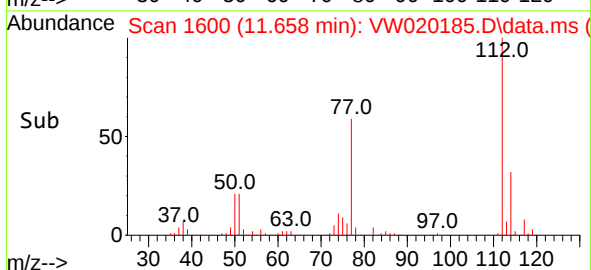
Tgt Ion:107 Resp: 61621
Ion Ratio Lower Upper
107 100
109 94.6 64.1 119.1
188 3.4 3.0 4.4

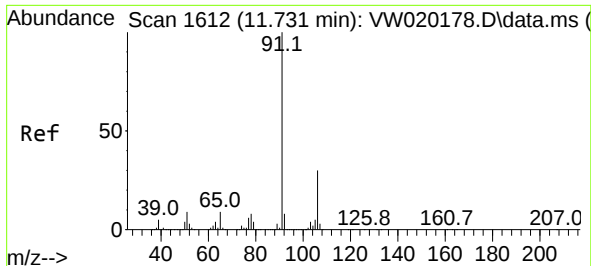


#51
Chlorobenzene
Concen: 23.916 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22



Tgt Ion:112 Resp: 253116
Ion Ratio Lower Upper
112 100
114 32.4 21.9 40.7
77 58.7 48.0 72.0

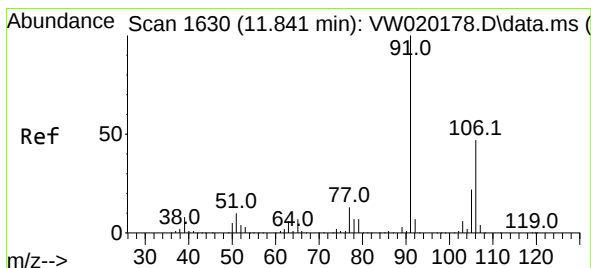
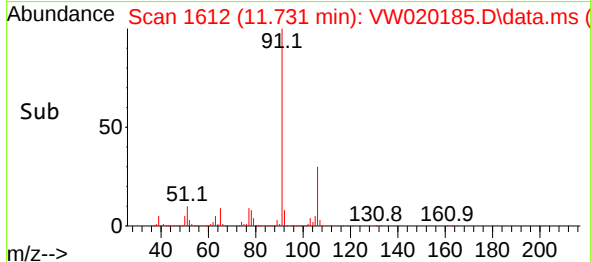
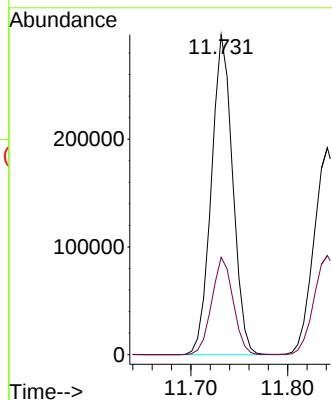
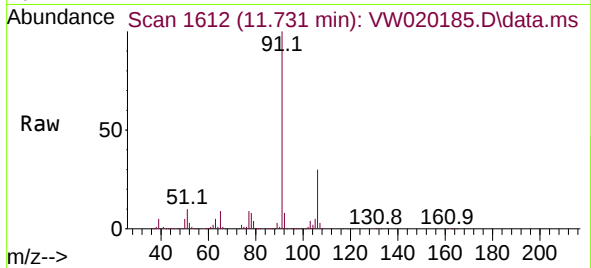




#52
Ethylbenzene
Concen: 25.412 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

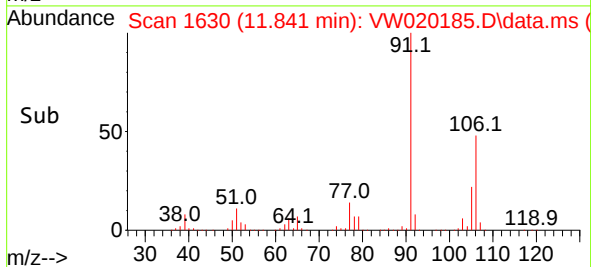
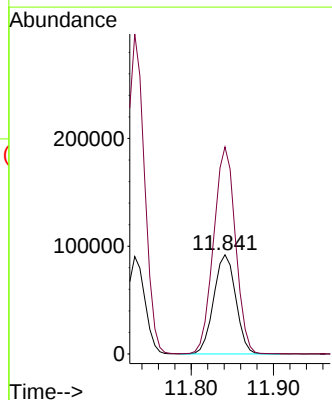
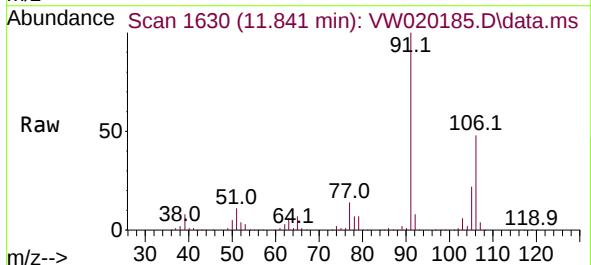
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

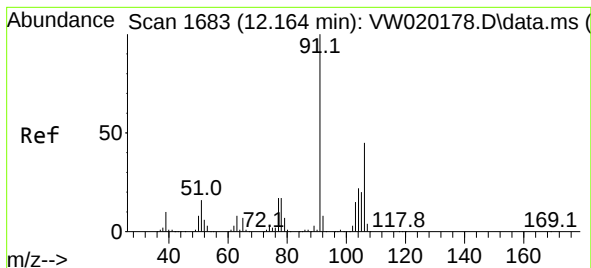
Tgt Ion: 91 Resp: 455460
Ion Ratio Lower Upper
91 100
106 30.5 22.0 40.8



#53
m,p-Xylene
Concen: 25.132 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 106 Resp: 171730
Ion Ratio Lower Upper
106 100
91 208.7 146.4 271.8

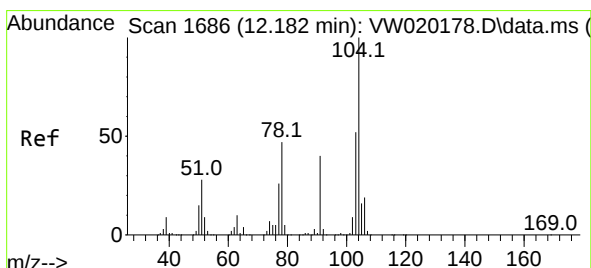
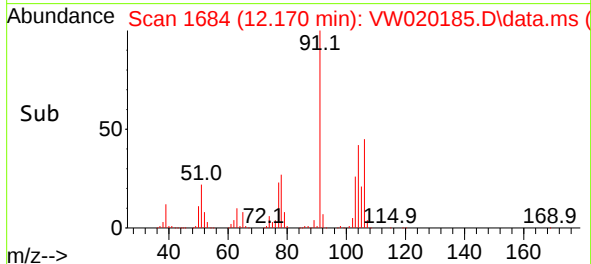
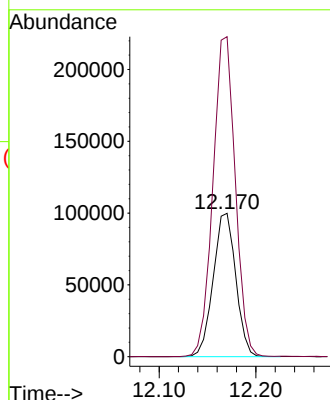
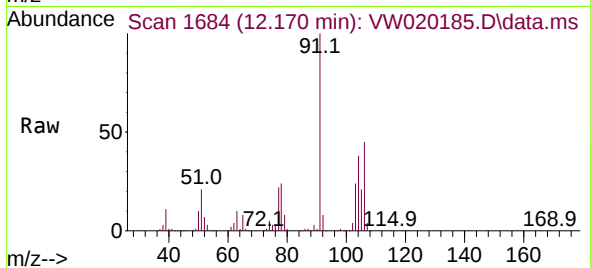




#54
o-Xylene
Concen: 25.604 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

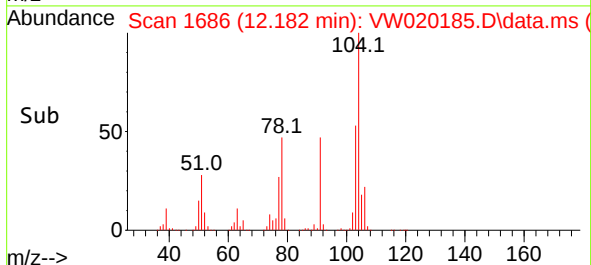
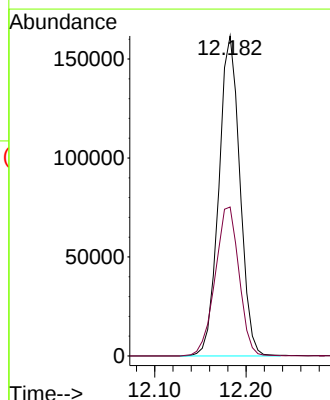
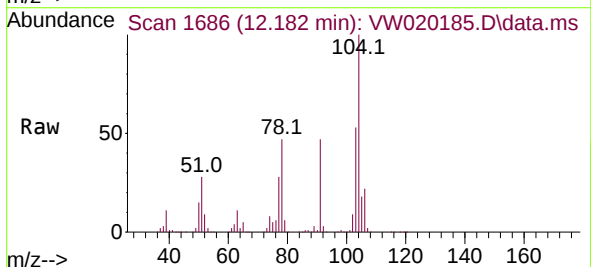
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

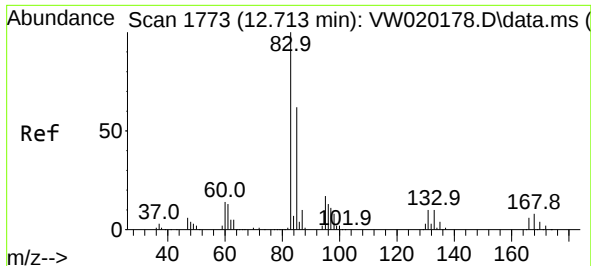
Tgt Ion:106 Resp: 161841
Ion Ratio Lower Upper
106 100
91 223.3 154.3 286.7



#55
Styrene
Concen: 23.626 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion:104 Resp: 259490
Ion Ratio Lower Upper
104 100
78 46.6 32.7 60.7

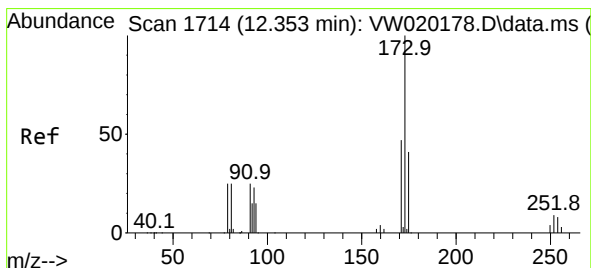
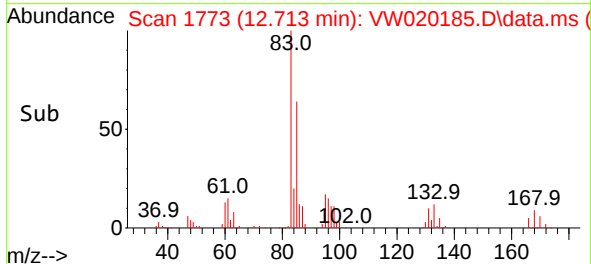
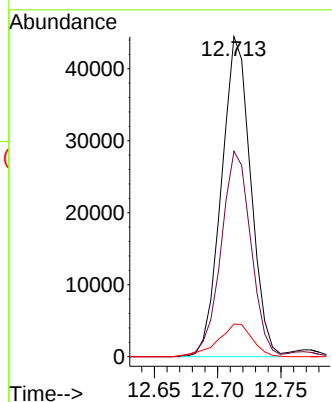
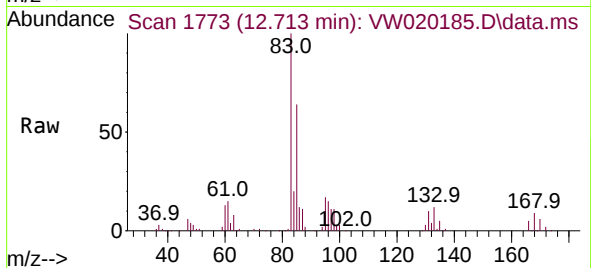




#57
1,1,2,2-Tetrachloroethane
Concen: 21.504 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

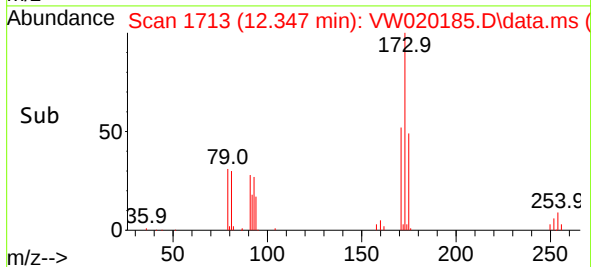
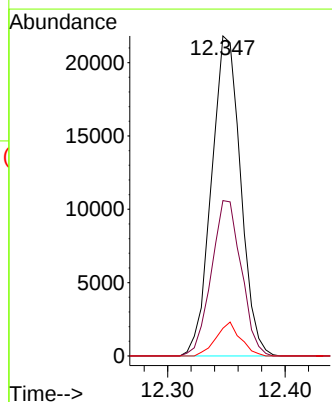
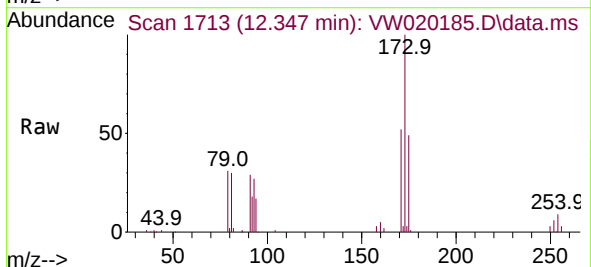
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

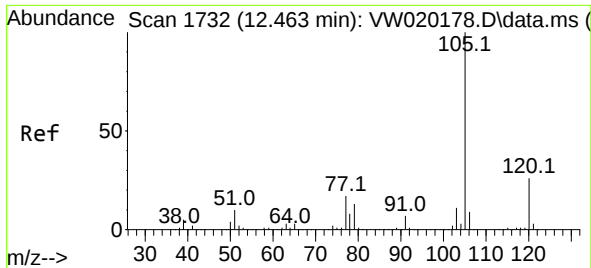
Tgt Ion: 83 Resp: 71448
Ion Ratio Lower Upper
83 100
85 64.2 43.3 80.5
131 10.2 7.9 11.9



#59
Bromoform
Concen: 26.311 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 173 Resp: 37529
Ion Ratio Lower Upper
173 100
175 49.8 39.2 58.8
254 8.8 6.6 10.0

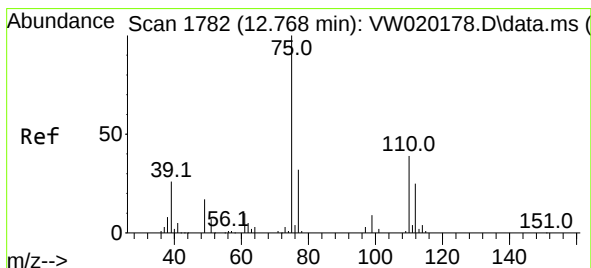
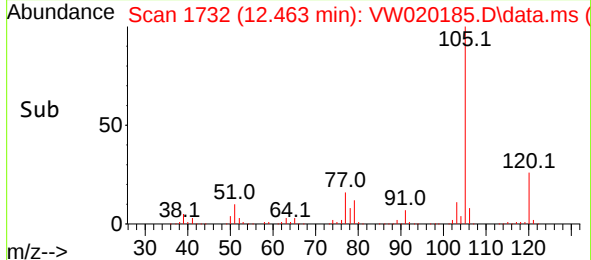
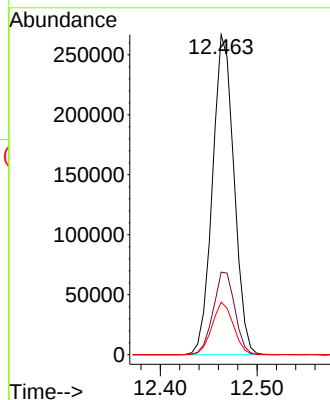
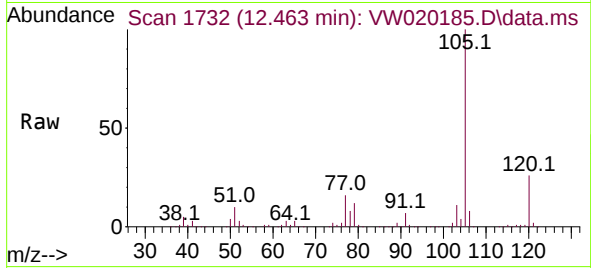




#60
Isopropylbenzene
Concen: 29.311 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

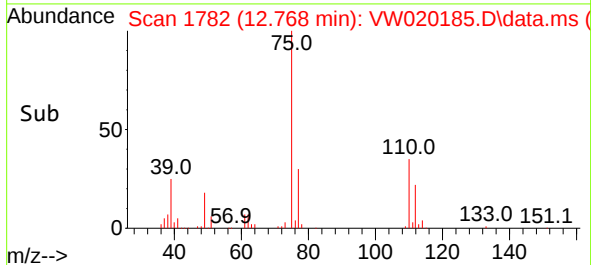
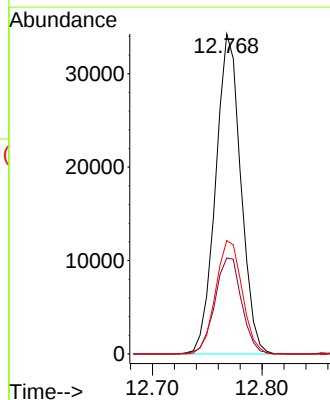
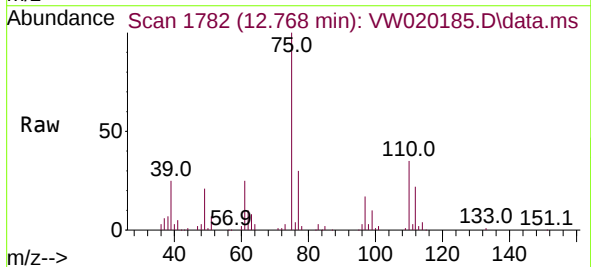
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

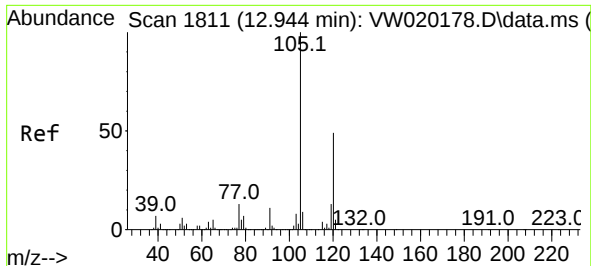
Tgt Ion:105 Resp: 411154
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 16.3 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 27.715 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 75 Resp: 54749
Ion Ratio Lower Upper
75 100
77 32.0 26.3 39.5
110 37.3 30.2 45.2

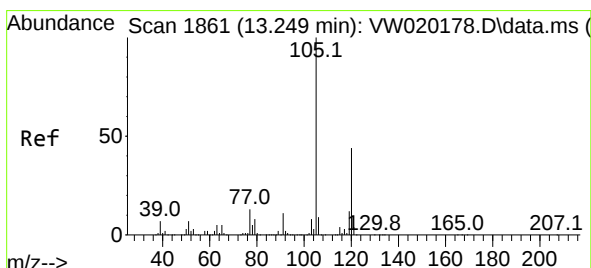
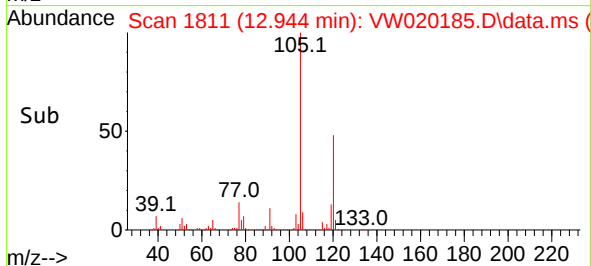
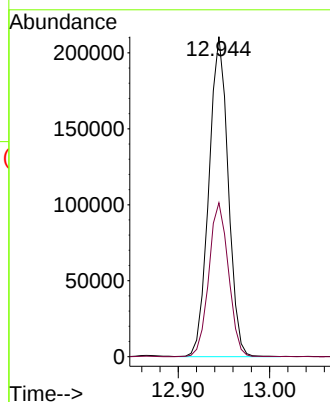
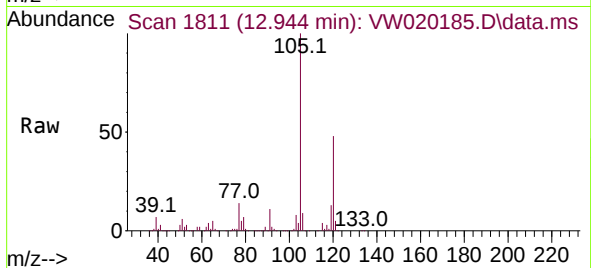




#62
1,3,5-Trimethylbenzene
Concen: 26.832 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

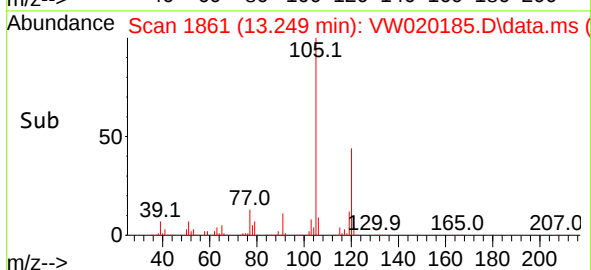
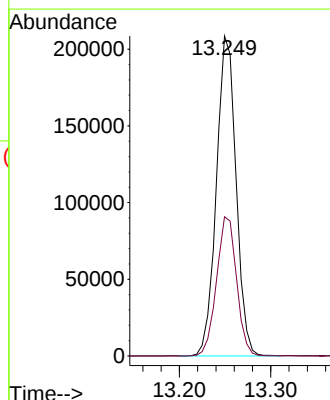
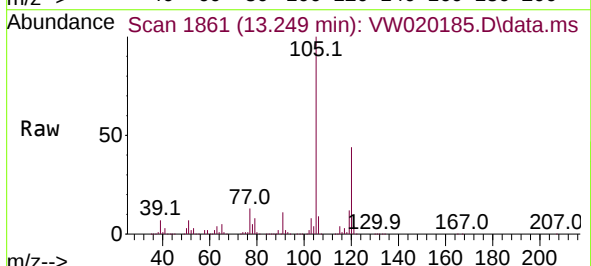
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

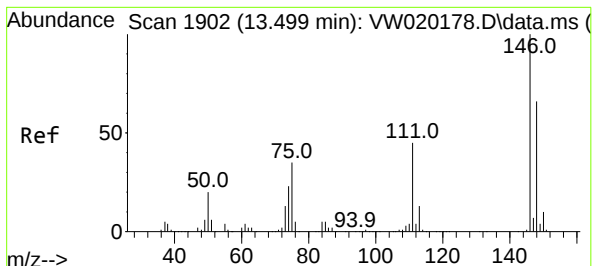
Tgt Ion:105 Resp: 308896
Ion Ratio Lower Upper
105 100
120 48.8 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 27.606 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion:105 Resp: 312182
Ion Ratio Lower Upper
105 100
120 44.3 36.2 54.4

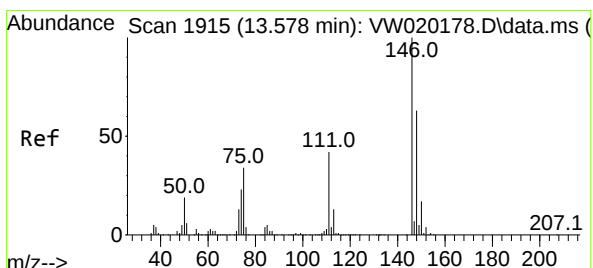
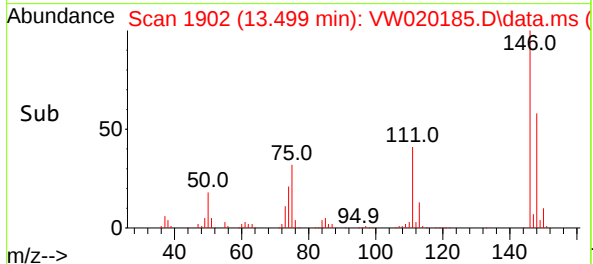
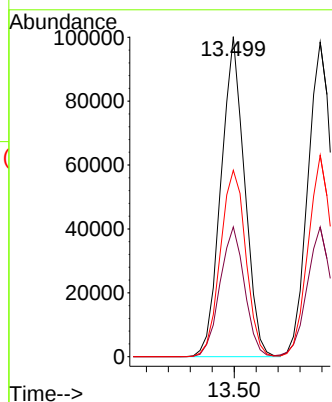
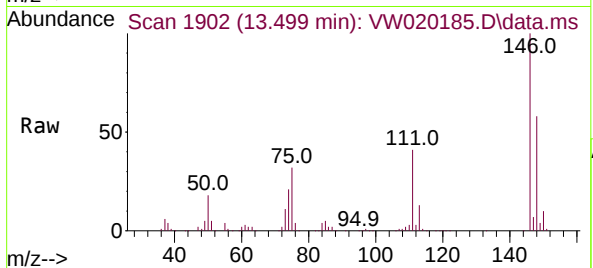




#64
1,3-Dichlorobenzene
Concen: 23.326 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

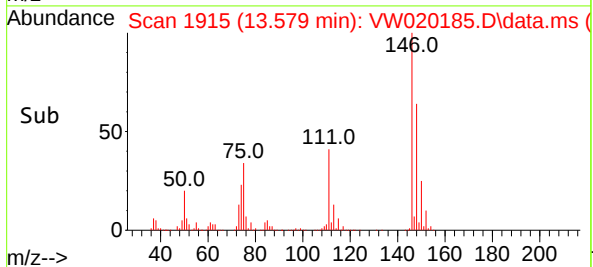
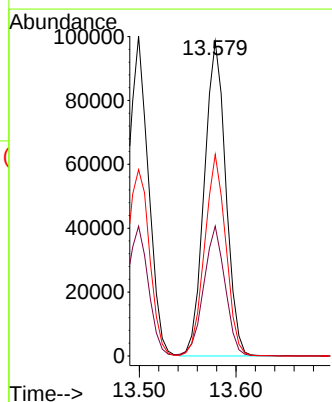
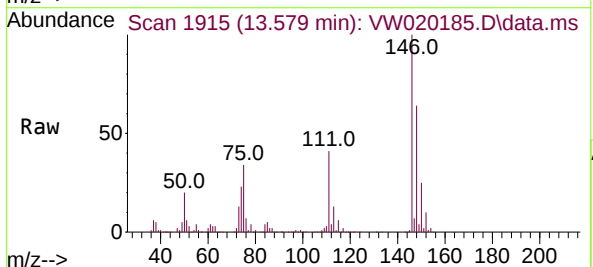
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

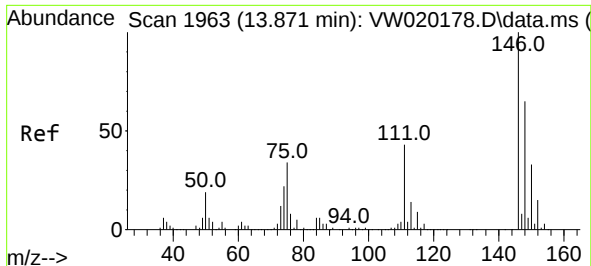
Tgt Ion:146 Resp: 150054
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.5
148 58.2 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 22.914 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion:146 Resp: 152330
Ion Ratio Lower Upper
146 100
111 41.2 29.6 55.0
148 64.0 45.3 84.1

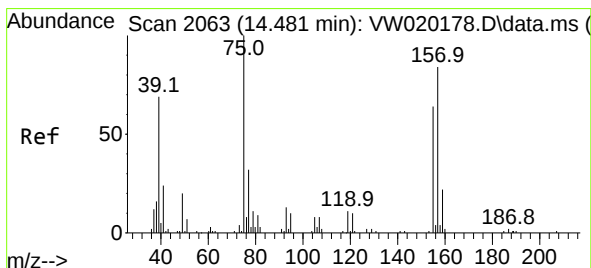
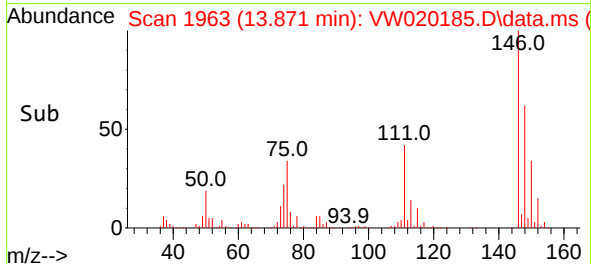
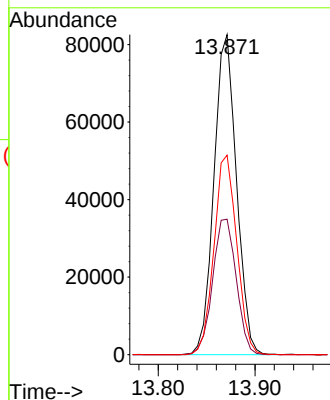
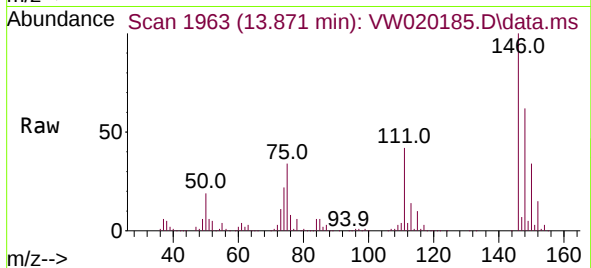




#67
1,2-Dichlorobenzene
Concen: 22.761 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

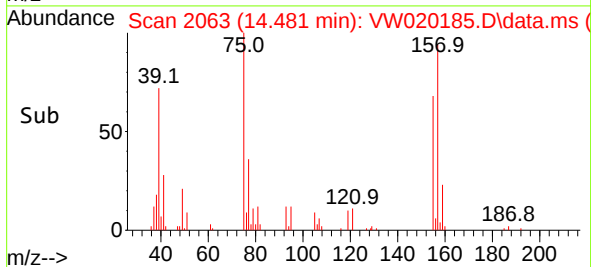
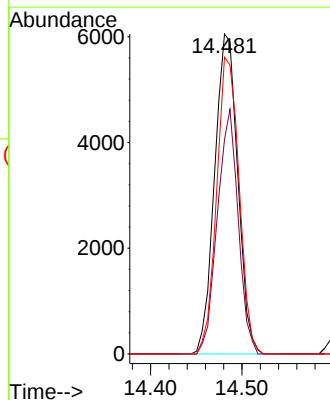
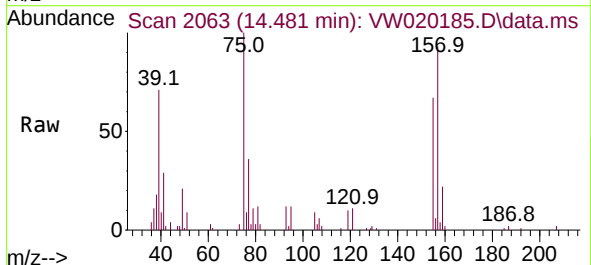
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

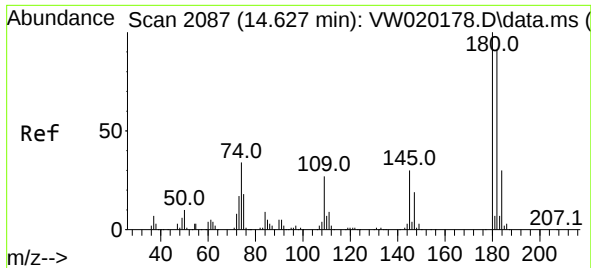
Tgt Ion:146 Resp: 133353
Ion Ratio Lower Upper
146 100
111 42.3 34.7 52.1
148 62.3 50.2 75.4



#68
1,2-Dibromo-3-chloropropane
Concen: 23.974 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion: 75 Resp: 10631
Ion Ratio Lower Upper
75 100
155 67.0 58.5 87.7
157 92.8 77.4 116.0

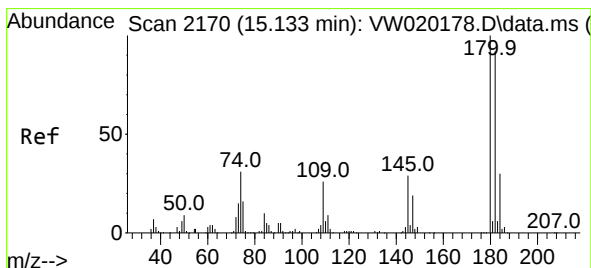
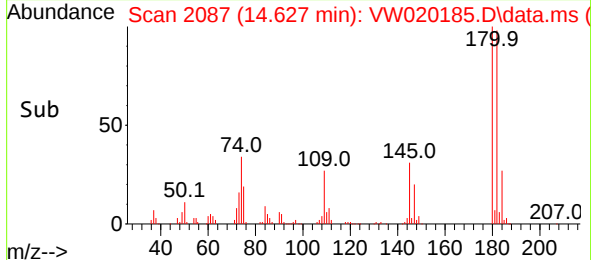
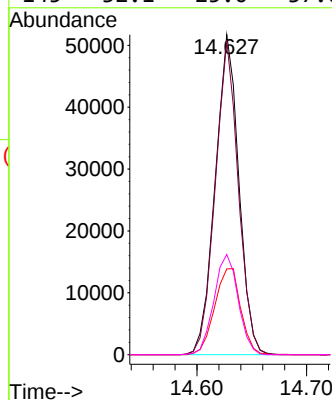
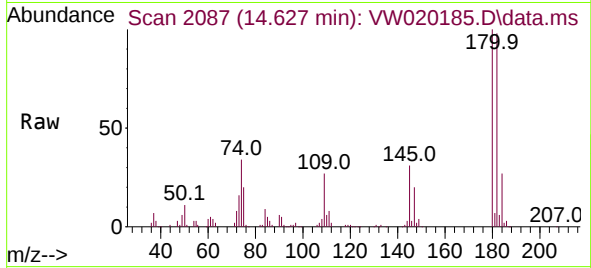




#69
1,3,5-Trichlorobenzene
Concen: 17.409 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

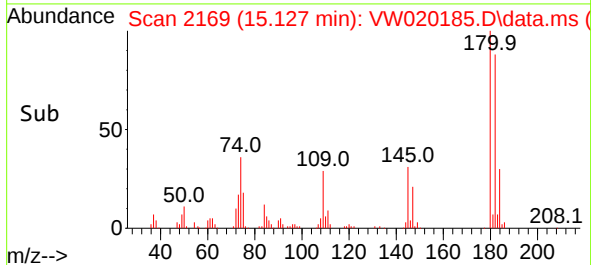
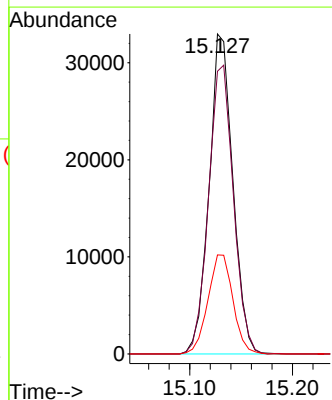
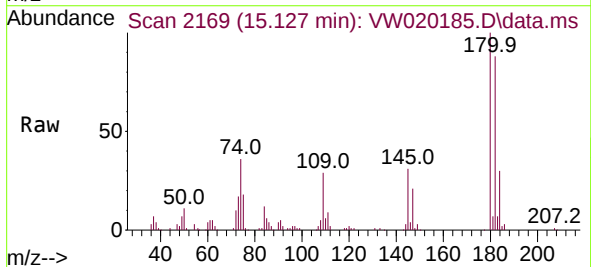
Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

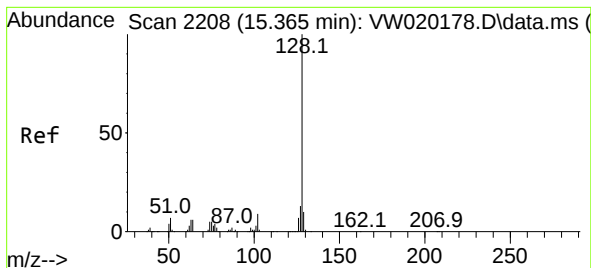
Tgt Ion:	180	Resp:	77461
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.2	112.8
184	29.7	24.3	36.5
145	32.1	25.0	37.6



#70
1,2,4-trichlorobenzene
Concen: 15.413 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion:	180	Resp:	52925
Ion Ratio	Lower	Upper	
180	100		
182	94.4	70.6	106.0
145	32.5	25.7	38.5

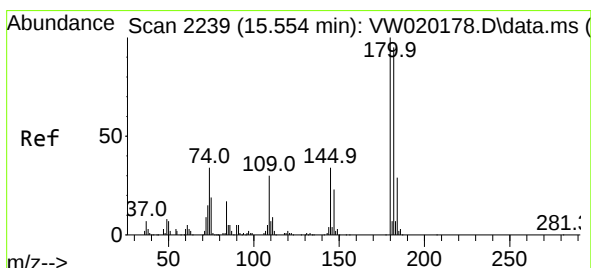
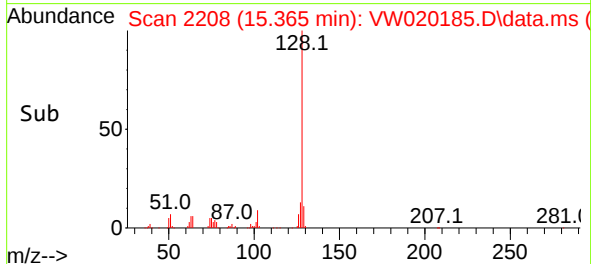
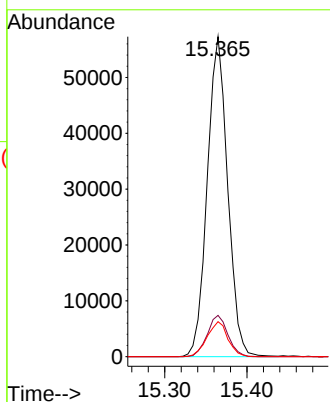
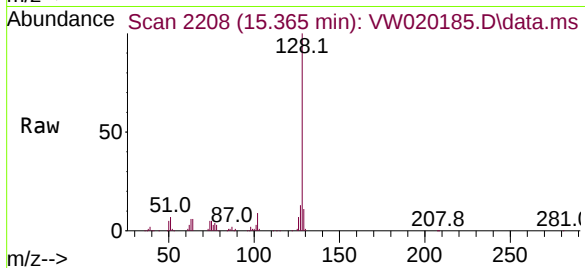




#71
Naphthalene
Concen: 16.337 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Instrument :
MSVOA_W
ClientSampleId :
EW411MSD

Tgt Ion:	128	Resp:	98939
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.1	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 14.310 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020185.D
Acq: 24 Sep 2021 12:22

Tgt Ion:	180	Resp:	44246
Ion Ratio	Lower	Upper	
180	100		
182	93.6	75.7	113.5
145	34.9	28.2	42.4

