

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020789.D
 Acq On : 05 Nov 2021 19:12
 Operator : SY/VA
 Sample : M4464-03MSD
 Misc : 6.82g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 08 04:54:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	128451	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	102710	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	32637	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	31594	26.160	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.640%	
7) Chloroethane-d5	2.971	69	97	0.142	ug/L	0.09
Spiked Amount	25.000	Range	30 - 150	Recovery	= 0.560%#	
11) 1,1-Dichloroethene-d2	4.031	63	116486	45.951	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	= 183.800%#	
21) 2-Butanone-d5	7.104	46	29530	73.625	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 147.240%#	
24) Chloroform-d	7.647	84	66582	23.328	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 93.320%	
26) 1,2-Dichloroethane-d4	8.305	65	40601	26.722	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.880%	
32) Benzene-d6	8.275	84	121468	26.176	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.720%	
36) 1,2-Dichloropropane-d6	9.274	67	37860	26.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.400%	
41) Toluene-d8	10.335	98	105036	23.266	ug/L	0.01
Spiked Amount	25.000	Range	30 - 130	Recovery	= 93.080%	
43) trans-1,3-Dichloroprop...	10.579	79	21888	30.715	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 122.880%	
47) 2-Hexanone-d5	10.920	63	24539	84.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 168.820%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	39097	32.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 131.320%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	26150	25.496	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	24910	47.559	ug/L	99
3) Chloromethane	2.209	50	36110	26.348	ug/L	100
5) Vinyl chloride	2.355	62	296826	150.154	ug/L	96
6) Bromomethane	2.769	94	26811	26.207	ug/L	94
8) Chloroethane	2.916	64	28560	39.291	ug/L	96
9) Trichlorofluoromethane	3.251	101	12637	12.053	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	446888	259.153	ug/L	91
12) 1,1-Dichloroethene	4.038	96	150717	91.712	ug/L #	76
13) Acetone	4.123	43	886904	2406.454	ug/L	94
14) Carbon disulfide	4.385	76	155809	31.410	ug/L	99
15) Methyl Acetate	4.665	43	23030	32.936	ug/L	97
16) Methylene chloride	4.915	84	42873	22.540	ug/L	89
17) trans-1,2-Dichloroethene	5.428	96	97953	56.073	ug/L	89
18) Methyl tert-butyl Ether	5.428	73	61904	25.043	ug/L #	79
19) 1,1-Dichloroethane	6.214	63	1747860	577.714	ug/L	99
20) cis-1,2-Dichloroethene	7.153	96	13170065	7151.932	ug/L #	62
22) 2-Butanone	7.189	43	93519	188.992	ug/L #	1
23) Bromochloromethane	7.513	128	21507	25.309	ug/L #	71
25) Chloroform	7.677	83	74666	23.706	ug/L	98

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 Response via : Initial Calibration

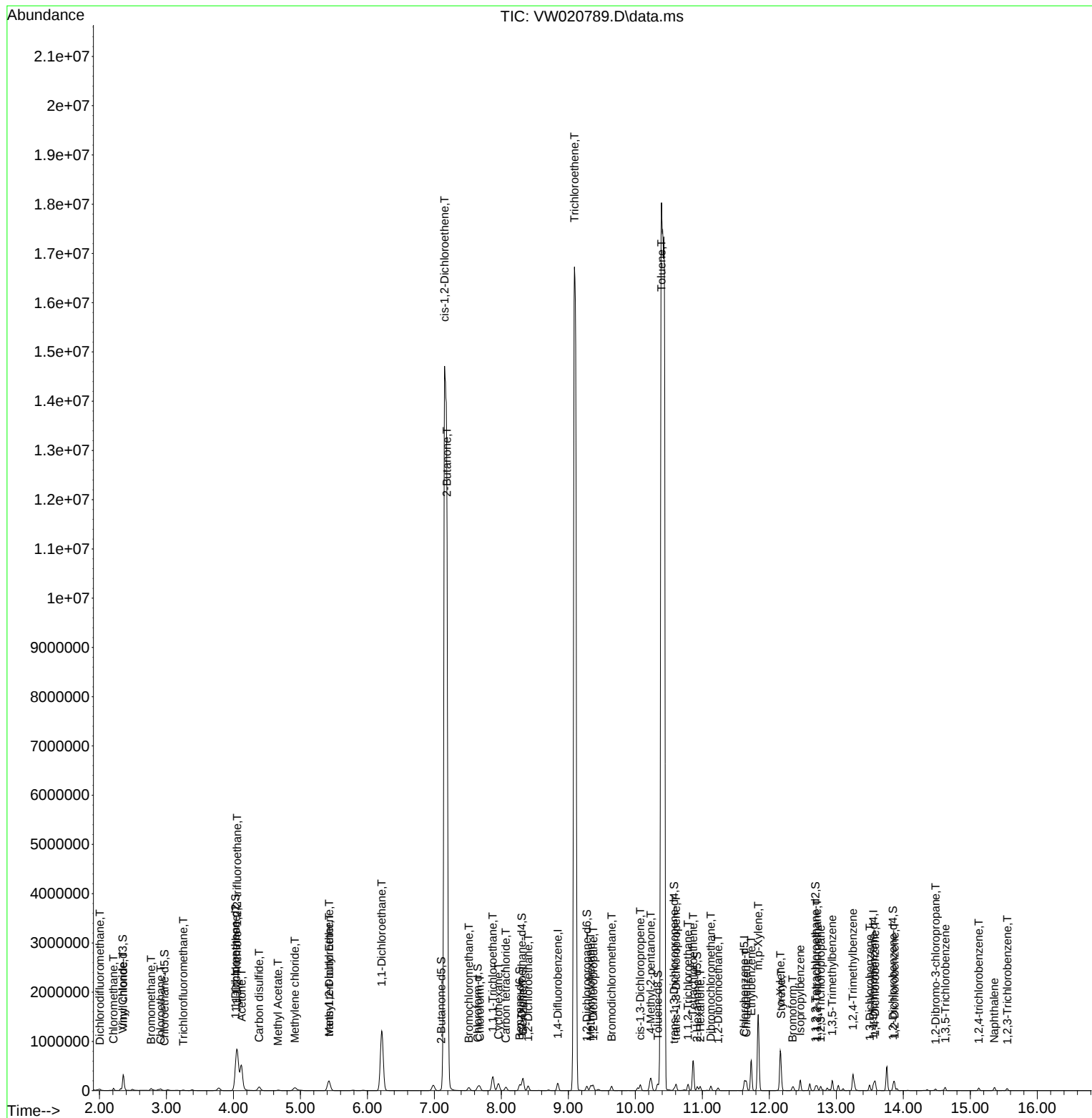
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	83059	40.735	ug/L	97
29) Cyclohexane	7.958	56	83153	31.030	ug/L	92
30) 1,1,1-Trichloroethane	7.872	97	226927	92.972	ug/L	95
31) Carbon tetrachloride	8.067	117	53069	22.848	ug/L	100
33) Benzene	8.323	78	221388	35.991	ug/L	100
34) Trichloroethene	9.091	95	5439177	3321.927	ug/L	86
35) Methylcyclohexane	9.335	83	42297	14.803	ug/L	90
37) 1,2-Dichloropropane	9.372	63	38396	26.364	ug/L #	98
38) Bromodichloromethane	9.646	83	56496	27.712	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	65427	27.604	ug/L	99
40) 4-Methyl-2-pentanone	10.232	43	236758	248.740	ug/L #	95
42) Toluene	10.390	91	20205741	3054.675	ug/L	90
44) trans-1,3-Dichloropropene	10.610	75	65307	30.461	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	38685	35.792	ug/L	94
46) Tetrachloroethene	10.866	164	137579	93.679	ug/L	95
48) 2-Hexanone	10.969	43	65910	94.832	ug/L	90
49) Dibromochloromethane	11.128	129	43449	29.437	ug/L	95
50) 1,2-Dibromoethane	11.237	107	34636	31.605	ug/L #	99
51) Chlorobenzene	11.658	112	95799	22.454	ug/L	96
52) Ethylbenzene	11.731	91	426132	57.499	ug/L	98
53) m,p-Xylene	11.835	106	465267	156.689	ug/L	90
54) o-Xylene	12.164	106	197266	70.132	ug/L	96
55) Styrene	12.176	104	101558	21.238	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.713	83	40138	31.686	ug/L #	98
59) Bromoform	12.347	173	26761	48.477	ug/L #	97
60) Isopropylbenzene	12.463	105	132751	29.511	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	30376	56.319	ug/L	93
62) 1,3,5-Trimethylbenzene	12.938	105	105707	27.347	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	195910	51.020	ug/L	90
64) 1,3-Dichlorobenzene	13.499	146	46351	22.224	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	47209	22.723	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	60767	32.983	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	7213	54.708	ug/L #	73
69) 1,3,5-Trichlorobenzene	14.627	180	20606	12.447	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	15194	11.009	ug/L	99
71) Naphthalene	15.359	128	53871	23.093	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	13627	11.619	ug/L	94

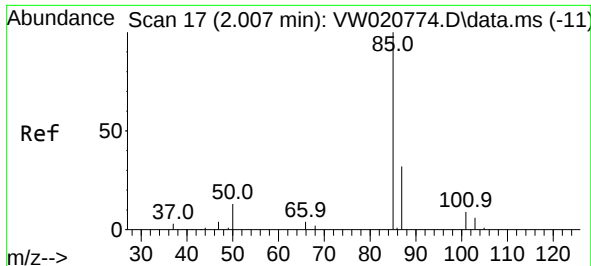
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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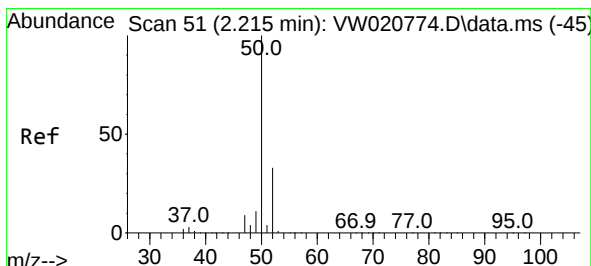
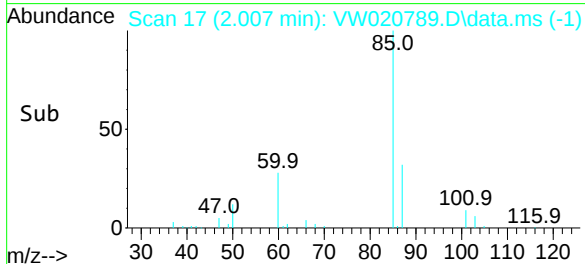
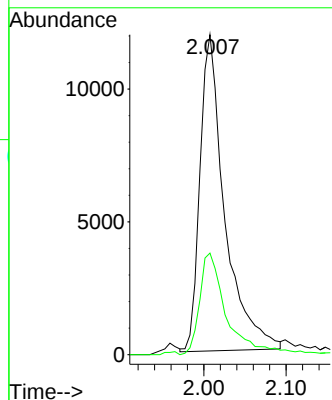
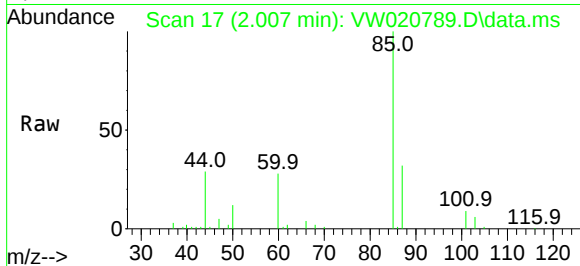




#2
 Dichlorodifluoromethane
 Concen: 47.559 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020789.D
 Acq: 05 Nov 2021 19:12

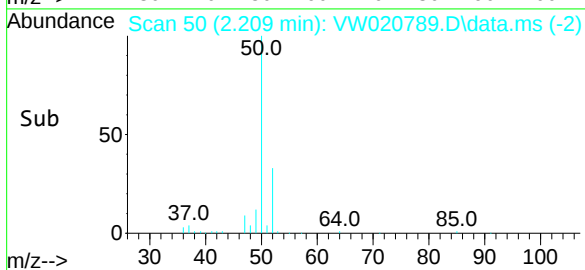
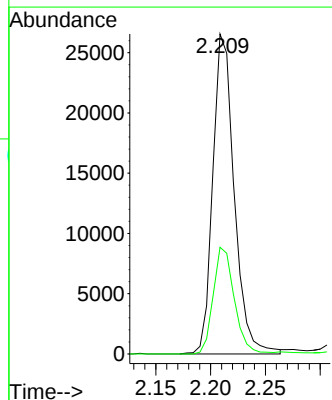
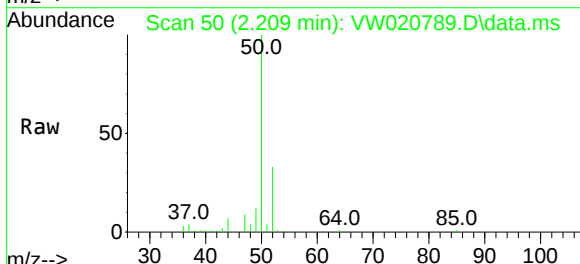
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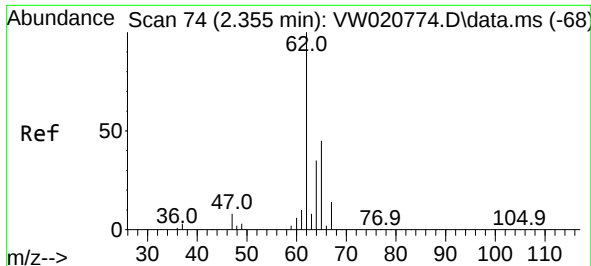
Tgt Ion: 85 Resp: 24910
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.8 38.6



#3
 Chloromethane
 Concen: 26.348 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW020789.D
 Acq: 05 Nov 2021 19:12

Tgt Ion: 50 Resp: 36110
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.4 43.6

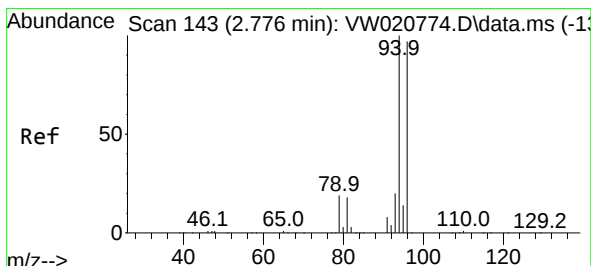
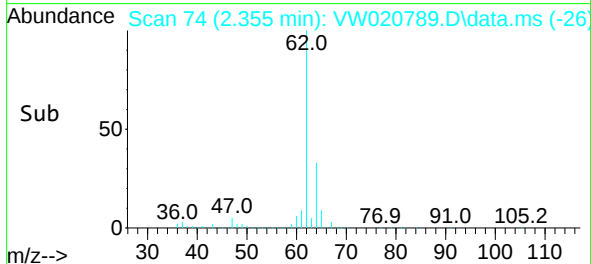
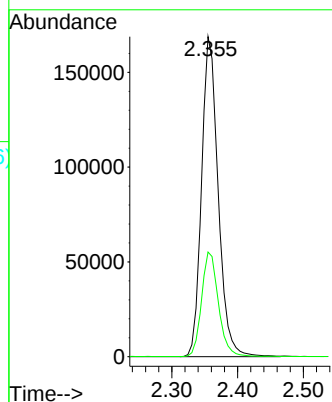
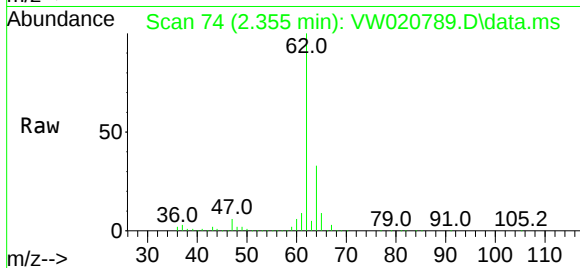




#5
 Vinyl chloride
 Concen: 150.154 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020789.D
 Acq: 05 Nov 2021 19:12

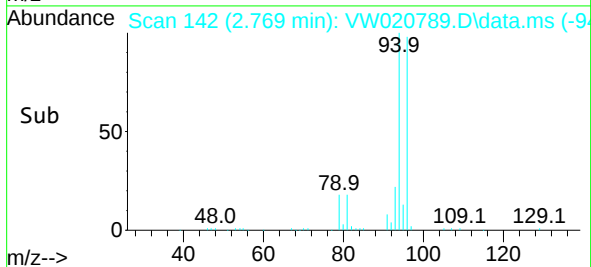
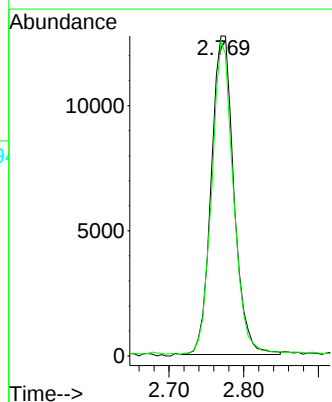
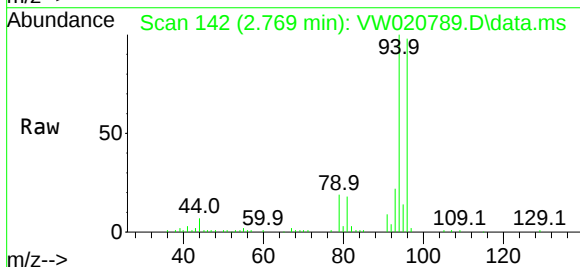
Instrument :
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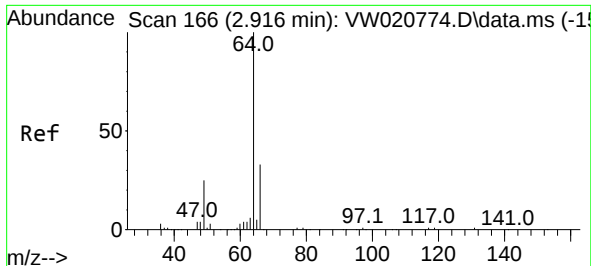
Tgt Ion: 62 Resp: 296826
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.4 45.2



#6
 Bromomethane
 Concen: 26.207 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.007 min
 Lab File: VW020789.D
 Acq: 05 Nov 2021 19:12

Tgt Ion: 94 Resp: 26811
 Ion Ratio Lower Upper
 94 100
 96 98.3 64.8 120.4

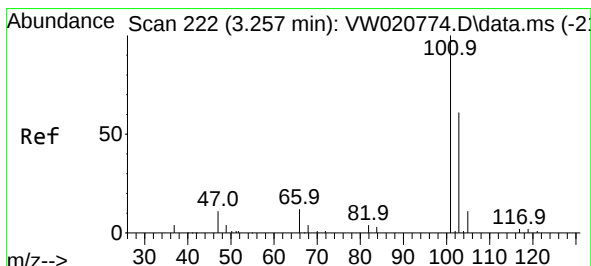
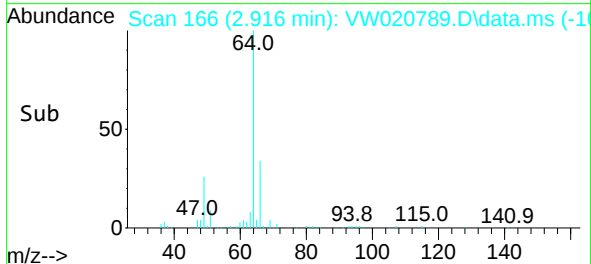
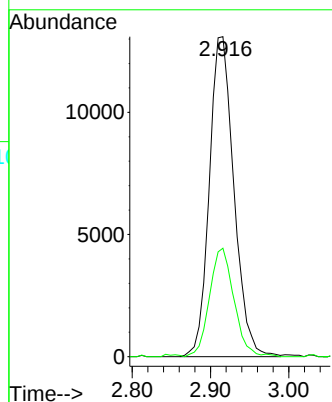
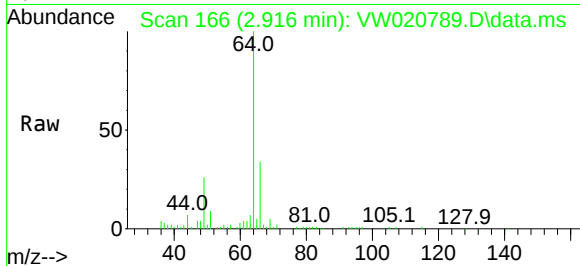




#8
Chloroethane
Concen: 39.291 ug/L
RT: 2.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

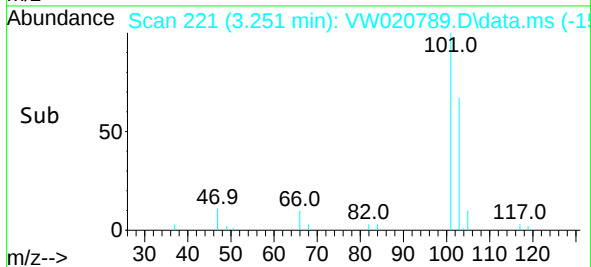
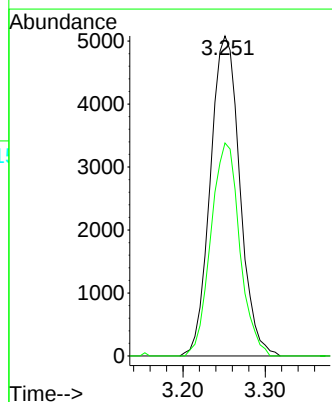
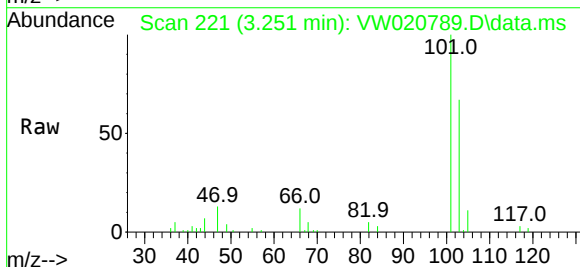
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ClientSampleId :

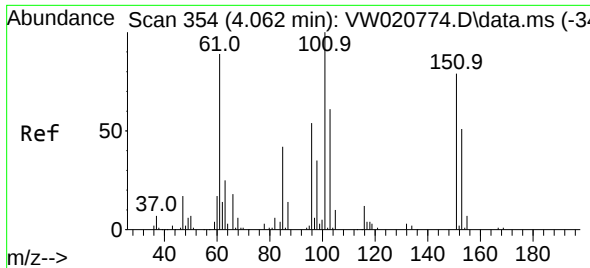
Tgt Ion: 64 Resp: 28560
Ion Ratio Lower Upper
64 100
66 33.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 12.053 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion:101 Resp: 12637
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

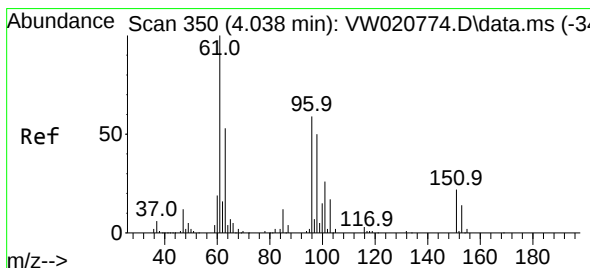
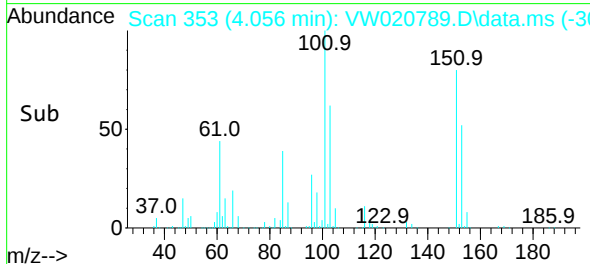
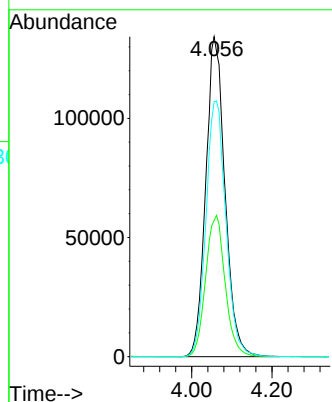
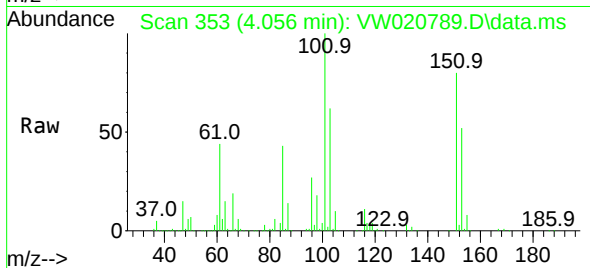




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 259.153 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW020789.D
 Acq: 05 Nov 2021 19:12

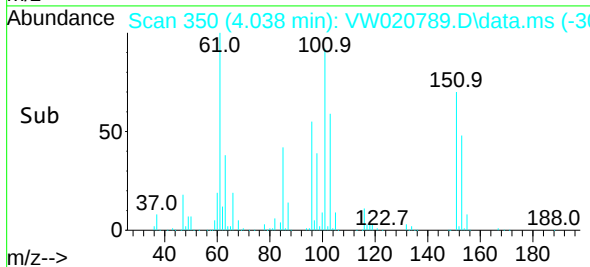
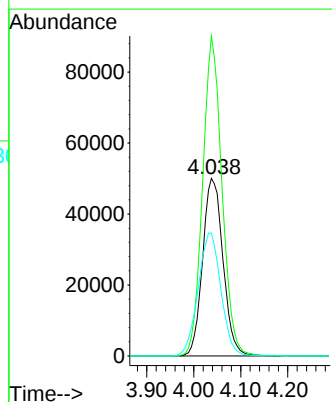
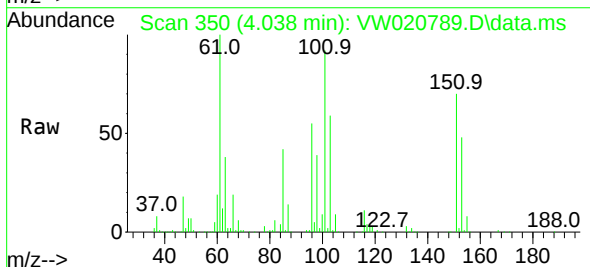
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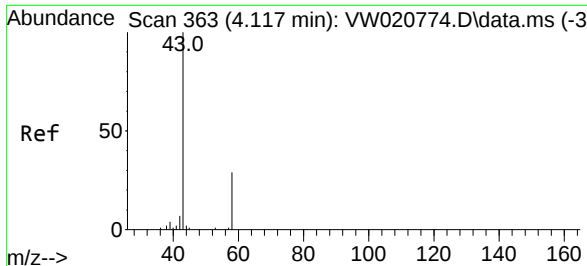
Tgt Ion:101 Resp: 446888
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.6 54.8
 151 82.8 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 91.712 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020789.D
 Acq: 05 Nov 2021 19:12

Tgt Ion: 96 Resp: 150717
 Ion Ratio Lower Upper
 96 100
 61 180.2 138.3 256.9
 63 69.2 82.6 153.4#

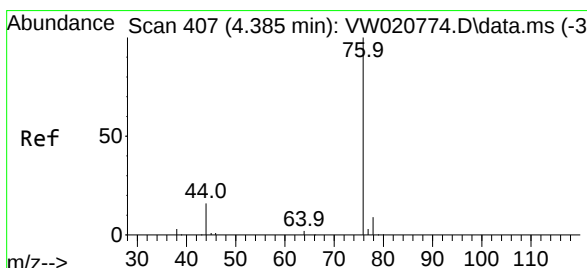
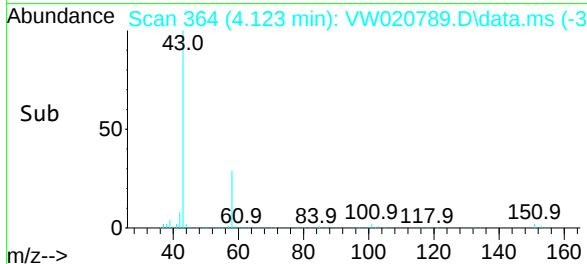
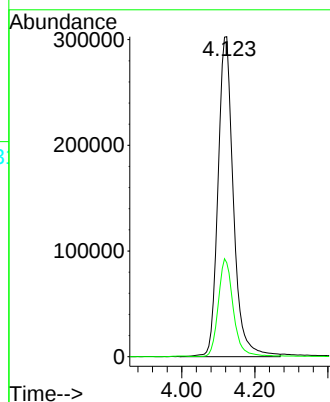
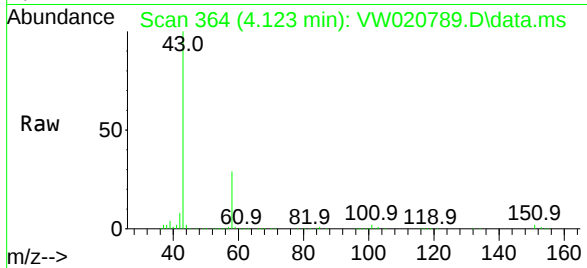




#13
Acetone
Concen: 2406.454 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

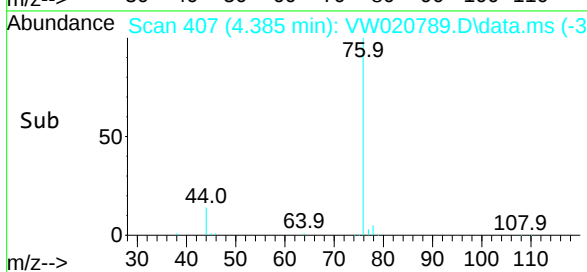
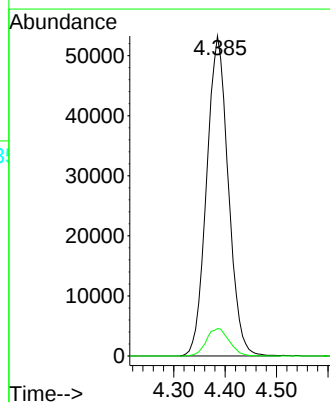
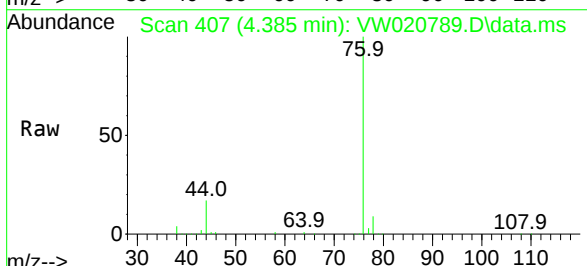
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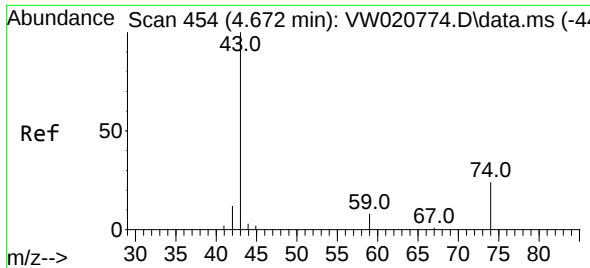
Tgt Ion: 43 Resp: 886904
Ion Ratio Lower Upper
43 100
58 29.5 0.0 52.8



#14
Carbon disulfide
Concen: 31.410 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 155809
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

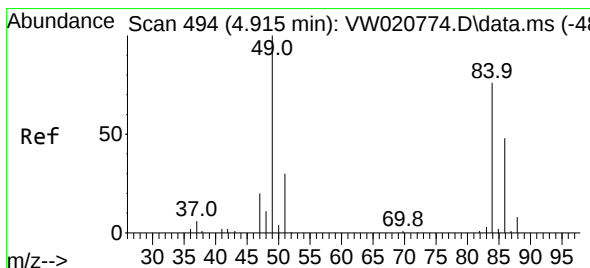
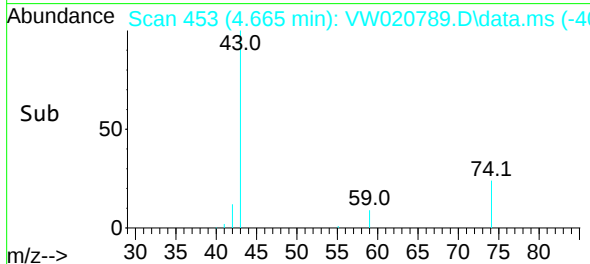
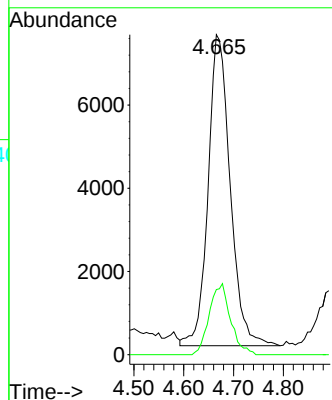
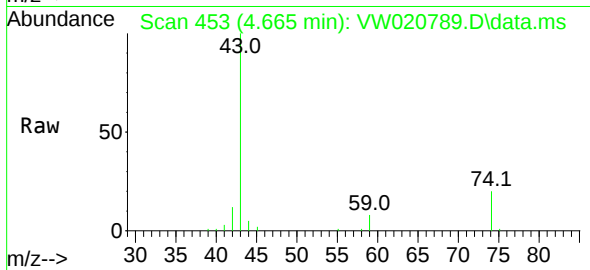




#15
Methyl Acetate
Concen: 32.936 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

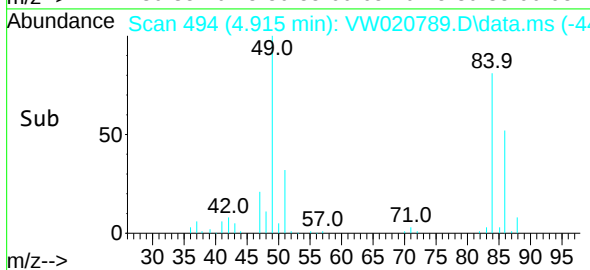
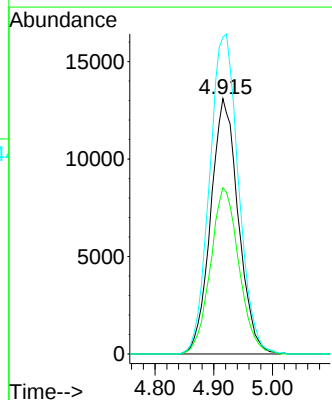
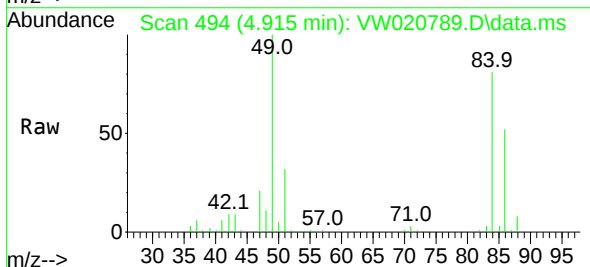
Instrument :
MSVOA_W
ClientSampleId :

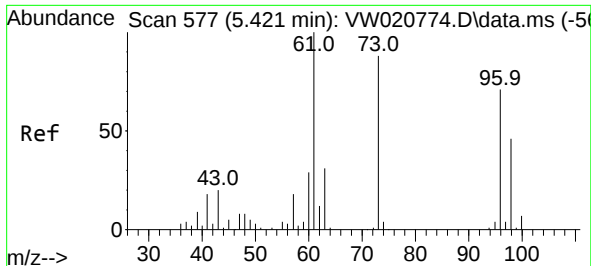
Tgt Ion: 43 Resp: 23030
Ion Ratio Lower Upper
43 100
74 21.9 16.4 24.6



#16
Methylene chloride
Concen: 22.540 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion: 84 Resp: 42873
Ion Ratio Lower Upper
84 100
86 65.1 45.5 84.5
49 124.1 100.5 186.7

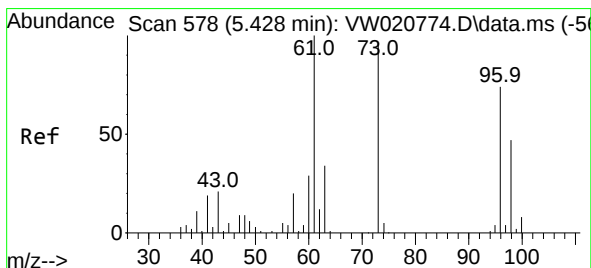
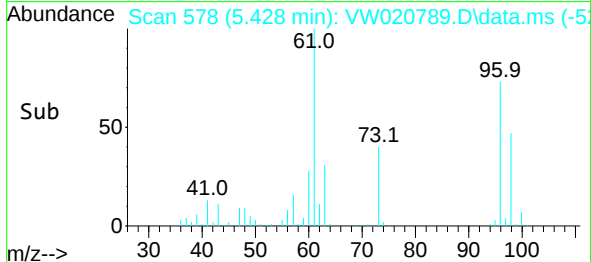
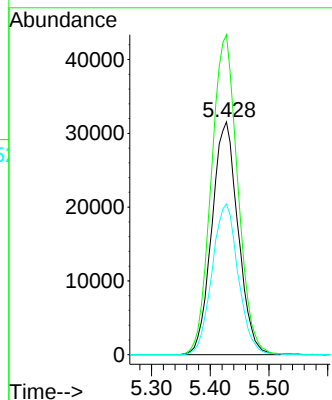
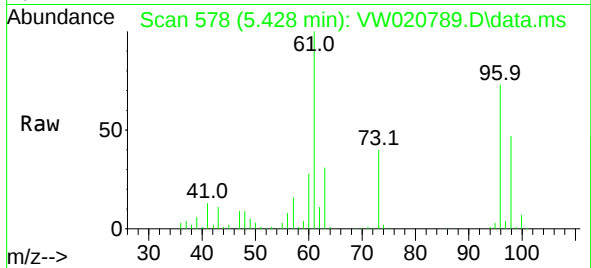




#17
trans-1,2-Dichloroethene
Concen: 56.073 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

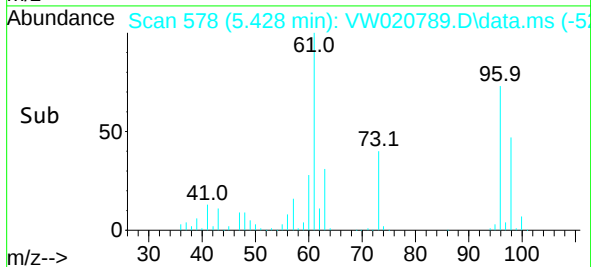
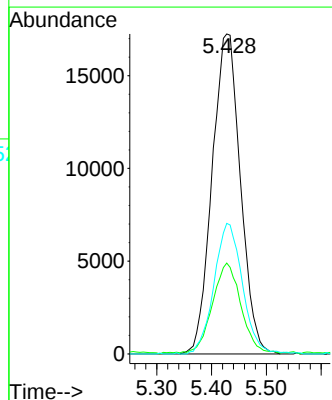
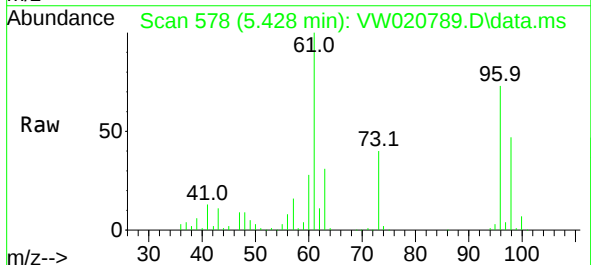
Instrument :
MSVOA_W
ClientSampleId :

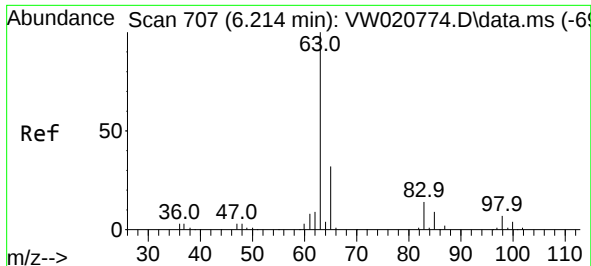
Tgt Ion: 96 Resp: 97953
Ion Ratio Lower Upper
96 100
61 137.4 107.4 199.4
98 64.7 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 25.043 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

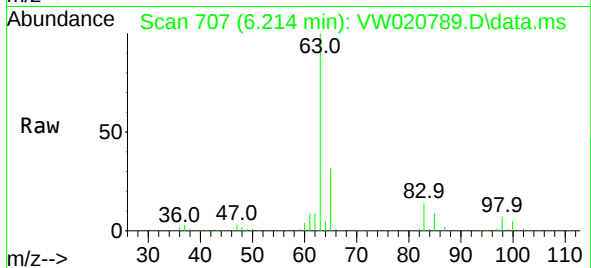
Tgt Ion: 73 Resp: 61904
Ion Ratio Lower Upper
73 100
43 28.4 19.5 29.3
57 40.6 19.3 28.9#





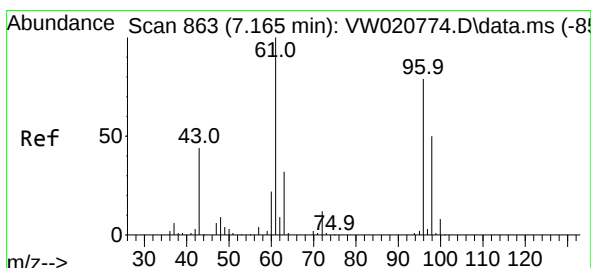
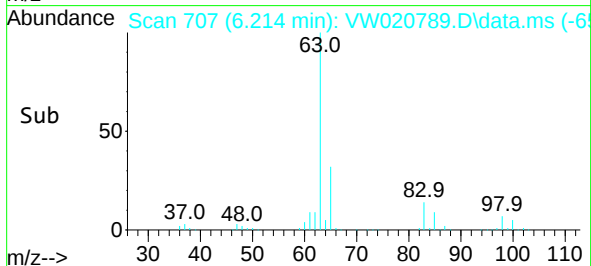
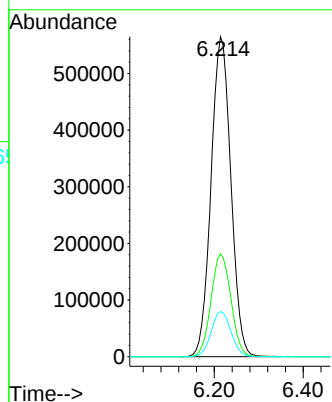
#19
1,1-Dichloroethane
Concen: 577.714 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 63 Resp: 1747860

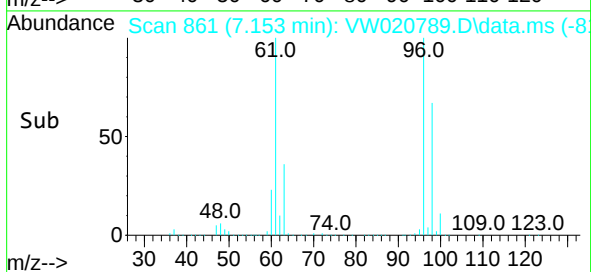
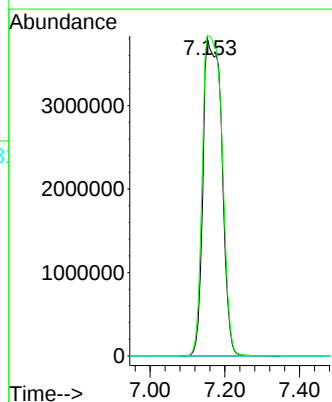
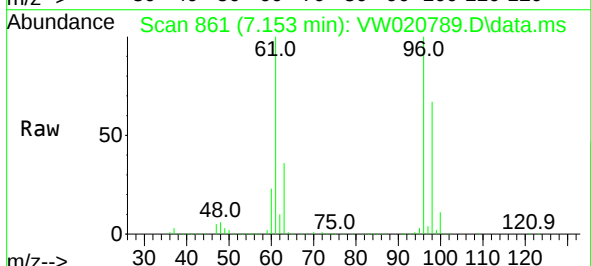
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.1	41.1
83	14.1	9.2	17.2

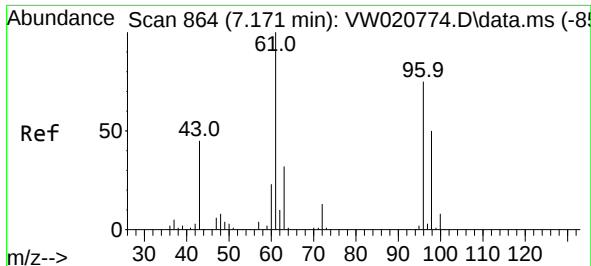


#20
cis-1,2-Dichloroethene
Concen: 7151.932 ug/L
RT: 7.153 min Scan# 861
Delta R.T. -0.018 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion: 96 Resp:13170065

Ion	Ratio	Lower	Upper
96	100		
61	100.4	103.7	192.7#
68	0.0	0.0	0.0#

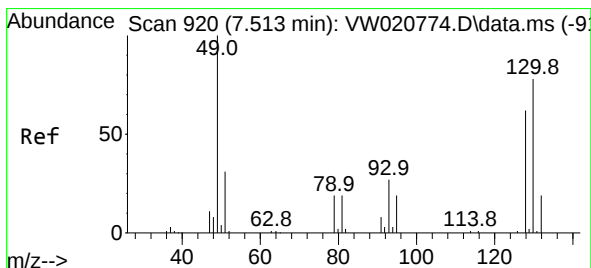
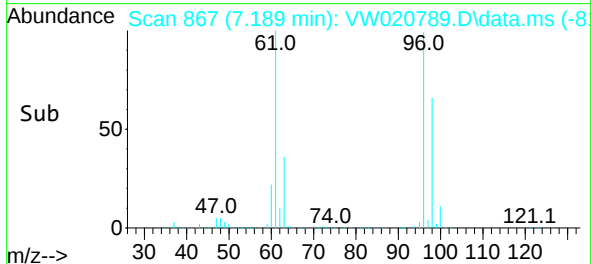
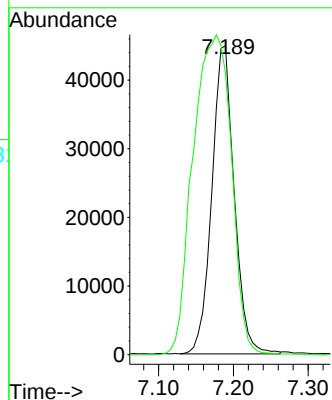
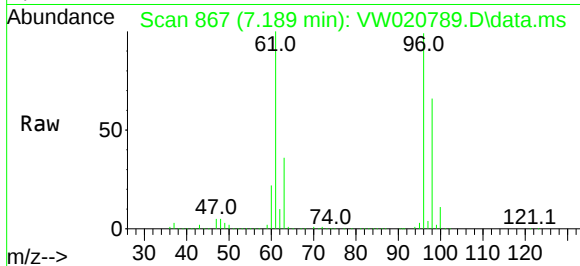




#22
2-Butanone
Concen: 188.992 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.018 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

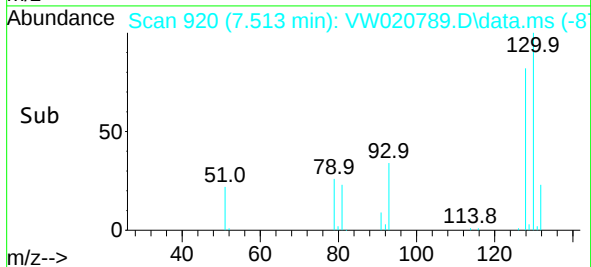
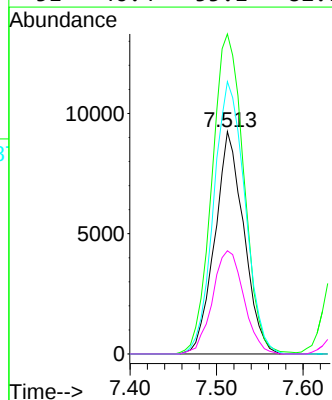
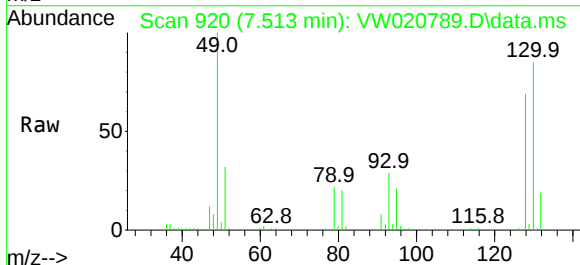
Instrument :
MSVOA_W
ClientSampleId :

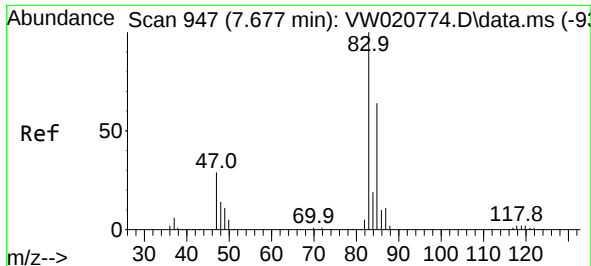
Tgt Ion: 43 Resp: 93519
Ion Ratio Lower Upper
43 100
72 177.5 11.8 35.4#



#23
Bromochloromethane
Concen: 25.309 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion: 128 Resp: 21507
Ion Ratio Lower Upper
128 100
49 143.9 150.3 279.1#
130 122.5 88.3 163.9
51 46.4 55.1 82.7#

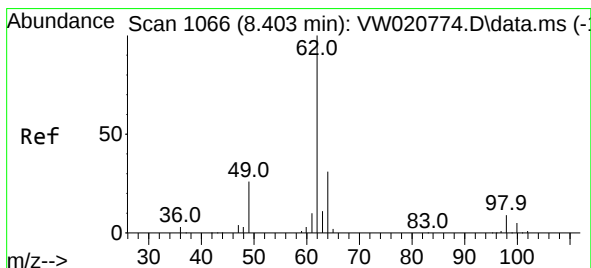
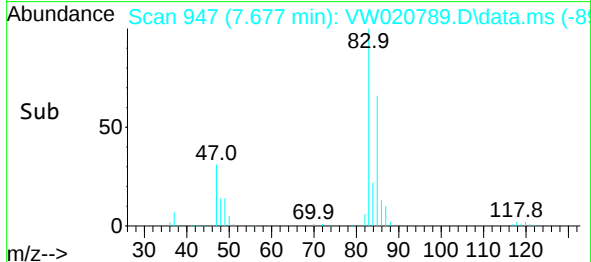
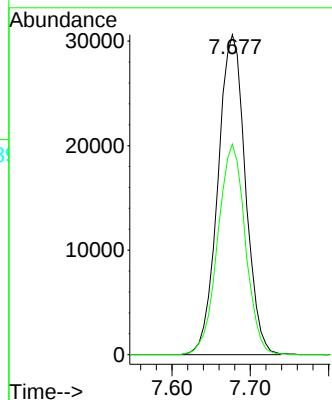
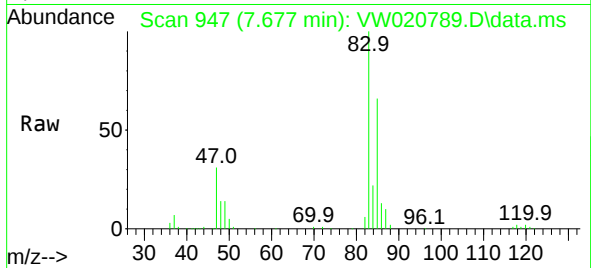




#25
Chloroform
Concen: 23.706 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

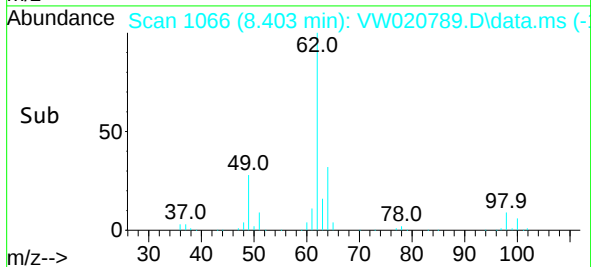
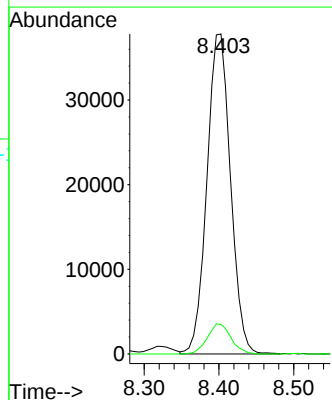
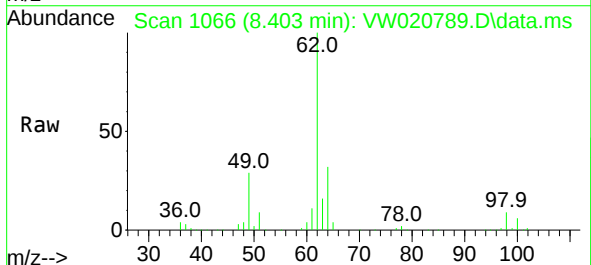
Instrument :
MSVOA_W
ClientSampleId :

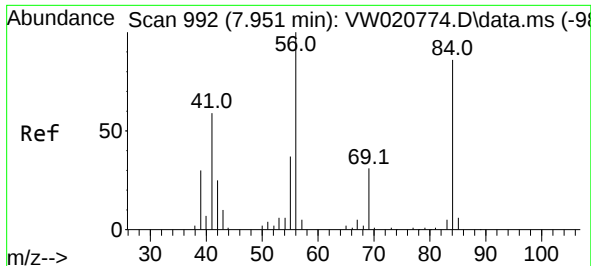
Tgt Ion: 83 Resp: 74666
Ion Ratio Lower Upper
83 100
85 65.8 45.1 83.7



#27
1,2-Dichloroethane
Concen: 40.735 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

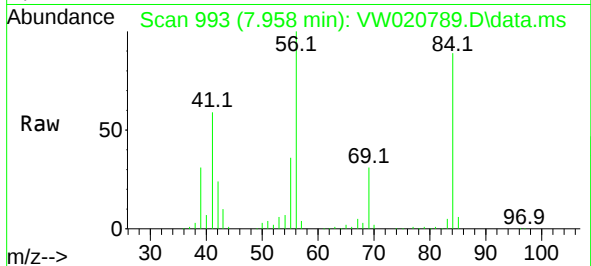
Tgt Ion: 62 Resp: 83059
Ion Ratio Lower Upper
62 100
98 9.3 6.5 9.7



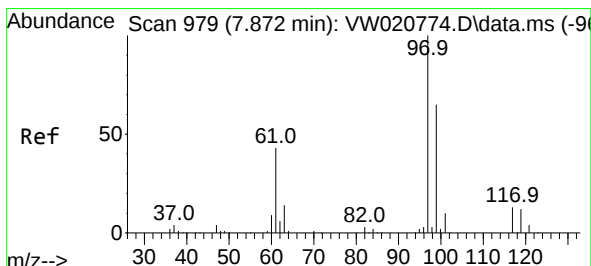
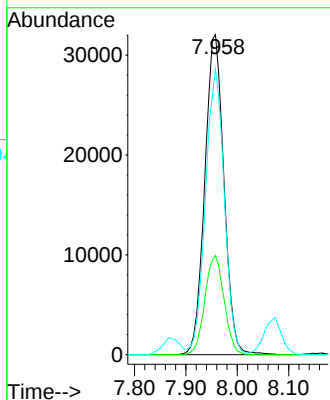
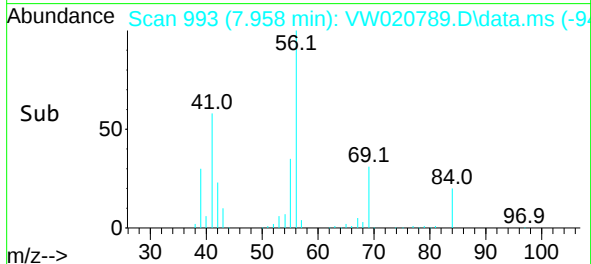


#29
Cyclohexane
Concen: 31.030 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

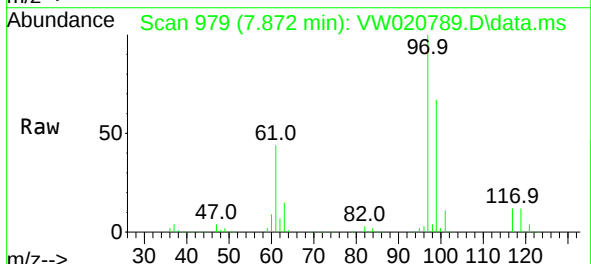
Instrument :
MSVOA_W
ClientSampleId :



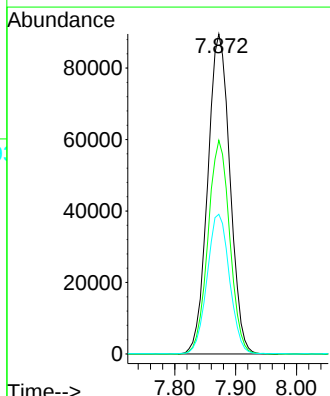
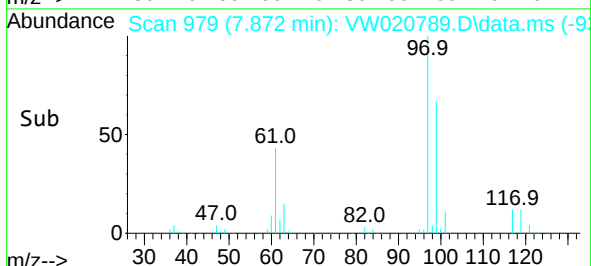
Tgt Ion:	56	Resp:	83153
Ion Ratio	Lower	Upper	
56	100		
69	31.0	23.5	35.3
84	87.9	63.4	95.2

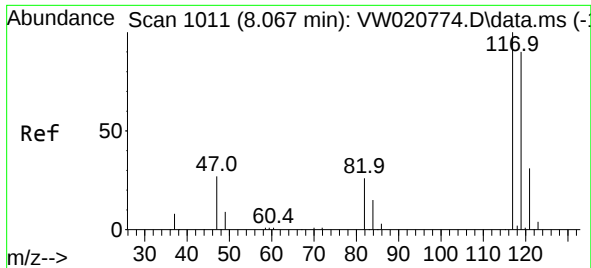


#30
1,1,1-Trichloroethane
Concen: 92.972 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12



Tgt Ion:	97	Resp:	226927
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.6	77.4
61	43.9	40.9	61.3

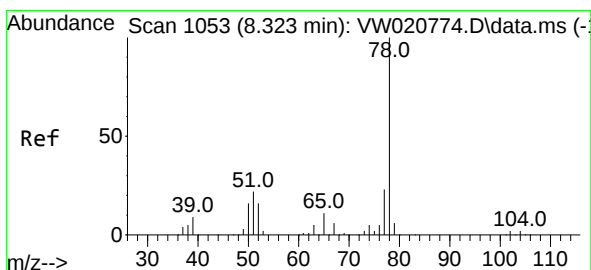
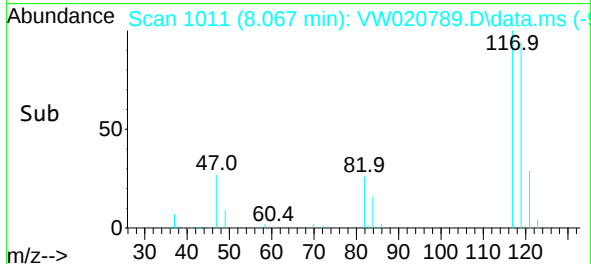
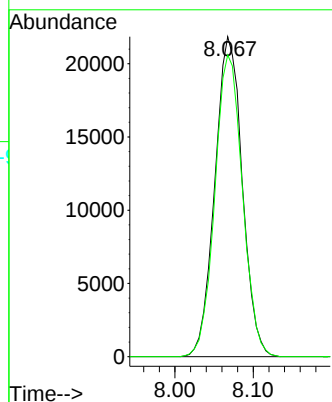
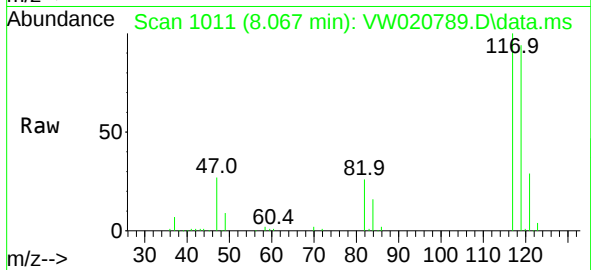




#31
Carbon tetrachloride
Concen: 22.848 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

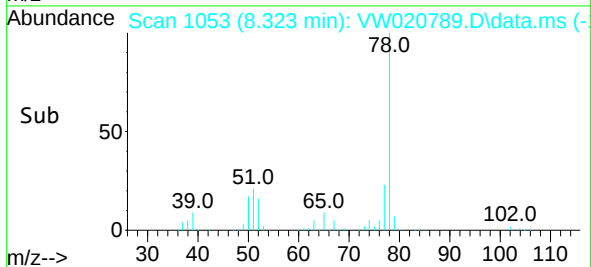
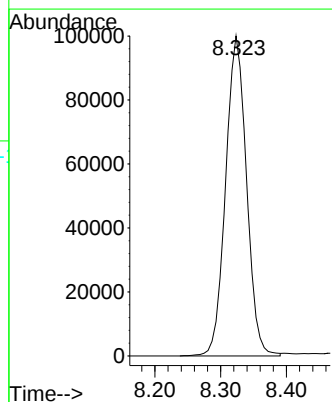
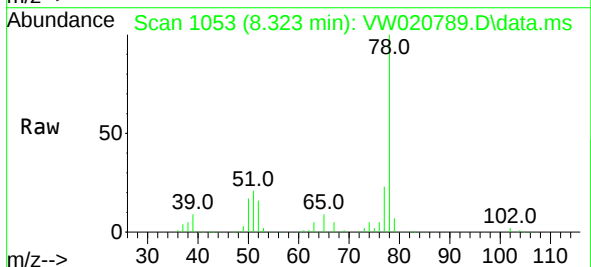
Instrument :
MSVOA_W
ClientSampleId :

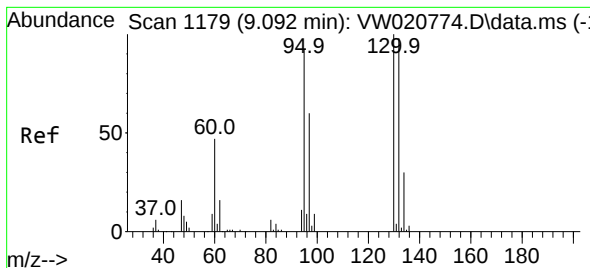
Tgt Ion:117 Resp: 53069
Ion Ratio Lower Upper
117 100
119 95.0 75.7 113.5



#33
Benzene
Concen: 35.991 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion: 78 Resp: 221388





#34

Trichloroethene

Concen: 3321.927 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 5439177

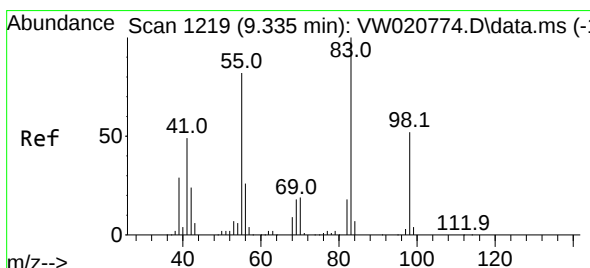
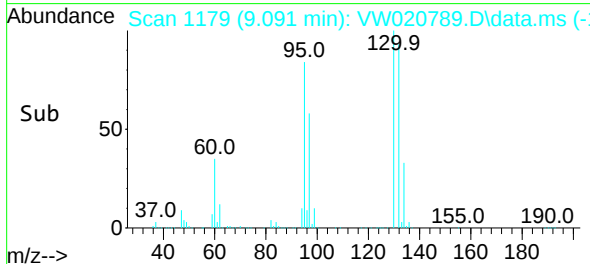
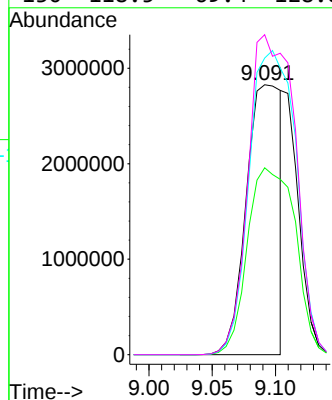
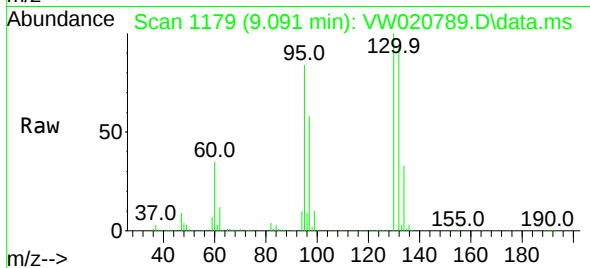
Ion Ratio Lower Upper

95 100

97 69.2 47.0 87.2

132 109.8 65.5 121.6

130 118.5 69.4 128.8



#35

Methylcyclohexane

Concen: 14.803 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

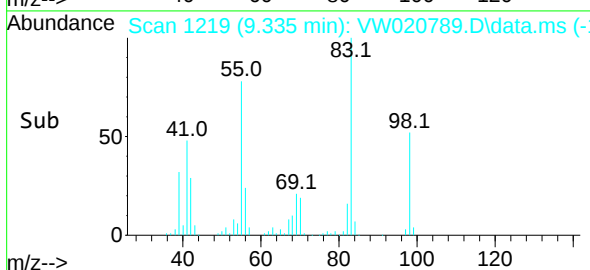
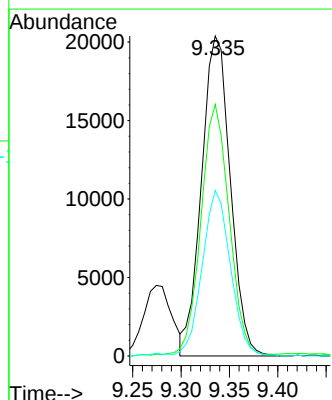
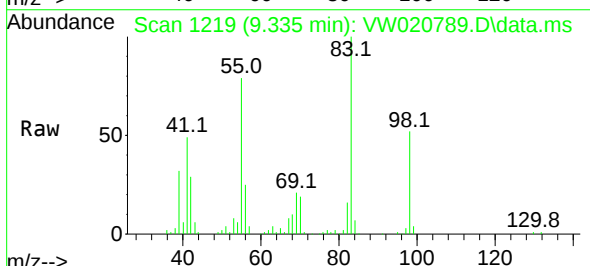
Tgt Ion: 83 Resp: 42297

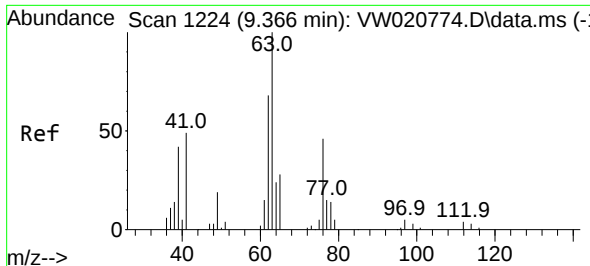
Ion Ratio Lower Upper

83 100

55 76.6 70.8 106.2

98 50.5 37.7 56.5





#37

1,2-Dichloropropane

Concen: 26.364 ug/L

RT: 9.372 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Instrument :

MSVOA_W

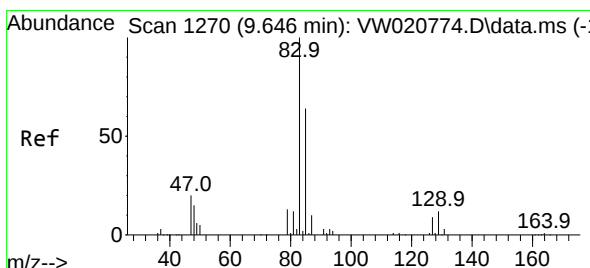
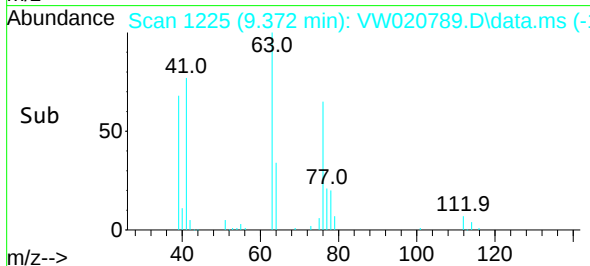
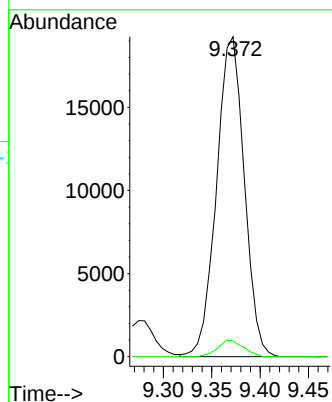
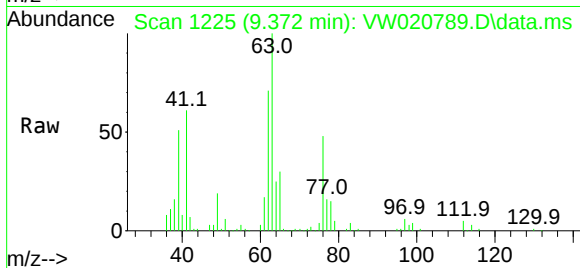
ClientSampleId :

Tgt Ion: 63 Resp: 38396

Ion Ratio Lower Upper

63 100

112 4.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 27.712 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

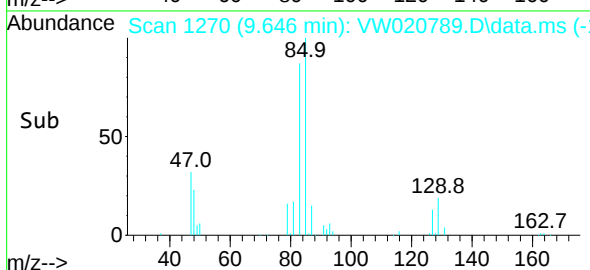
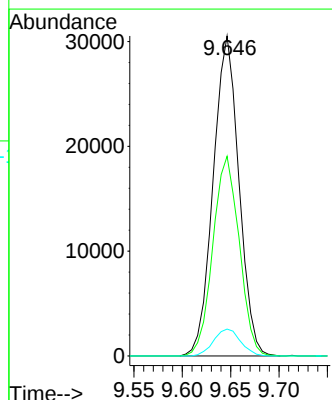
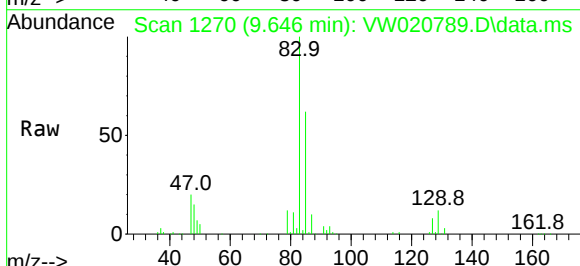
Tgt Ion: 83 Resp: 56496

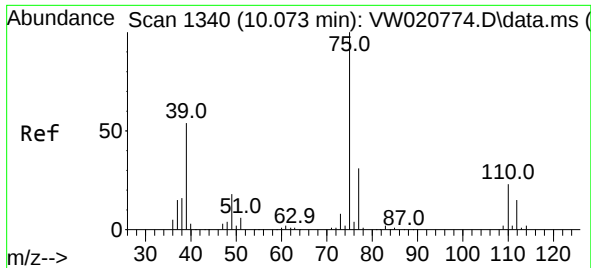
Ion Ratio Lower Upper

83 100

85 62.4 44.1 81.9

127 8.4 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 27.604 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Instrument :

MSVOA_W

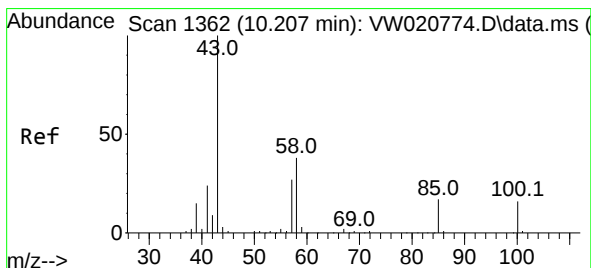
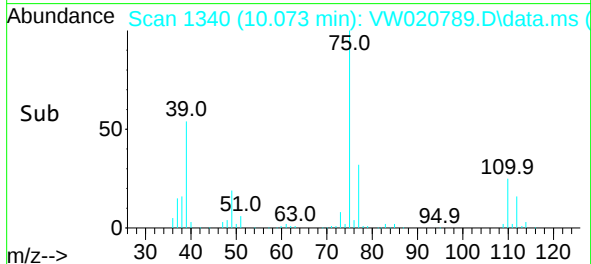
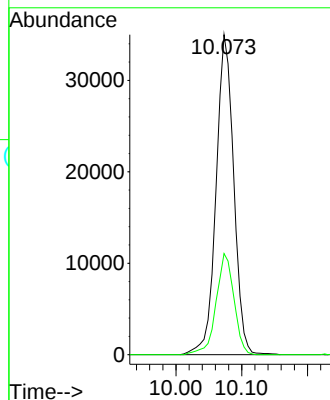
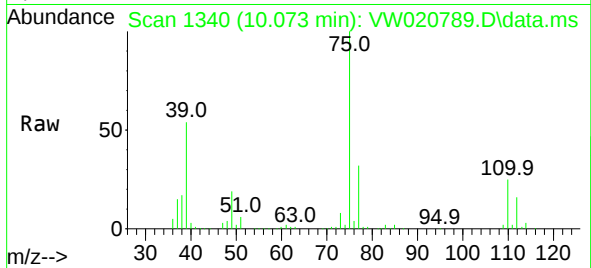
ClientSampleId :

Tgt Ion: 75 Resp: 65427

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 248.740 ug/L

RT: 10.232 min Scan# 1366

Delta R.T. 0.025 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

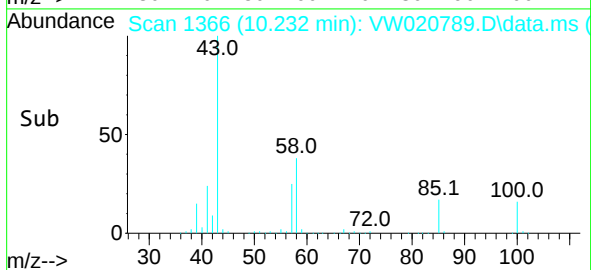
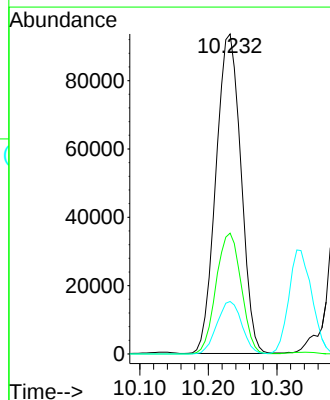
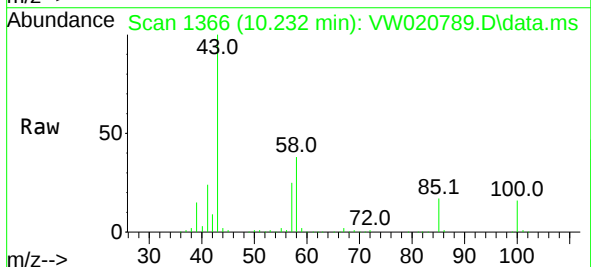
Tgt Ion: 43 Resp: 236758

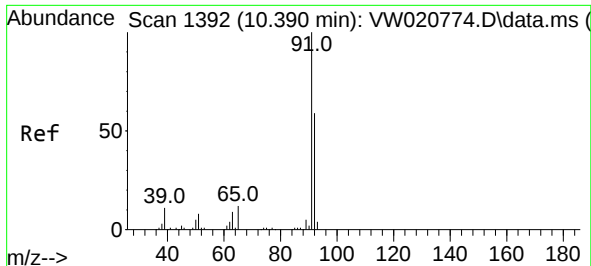
Ion Ratio Lower Upper

43 100

58 37.9 28.8 43.2

100 16.4 10.0 15.0#

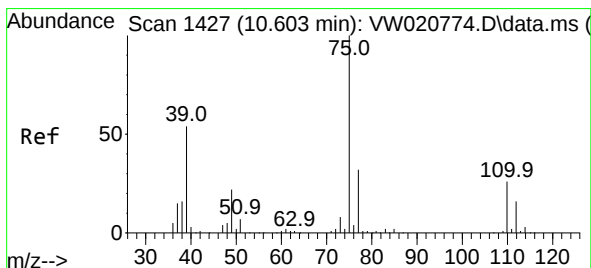
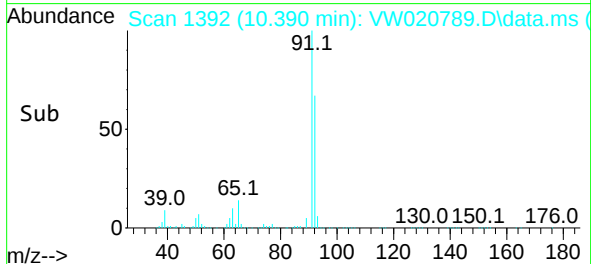
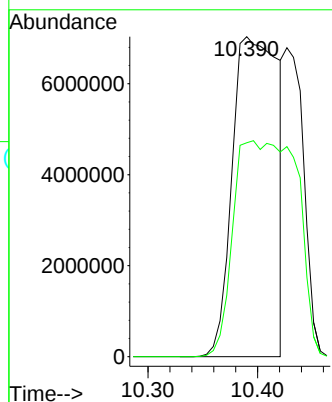
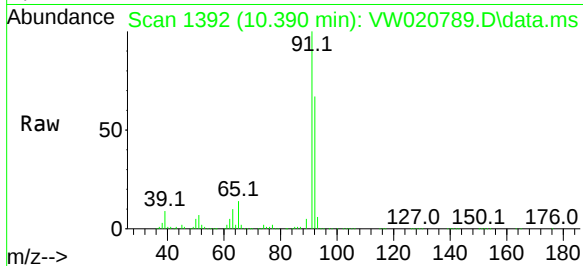




#42
Toluene
Concen: 3054.675 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

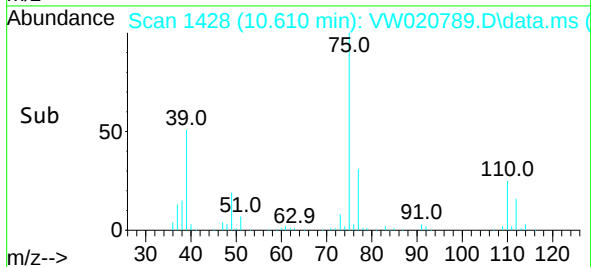
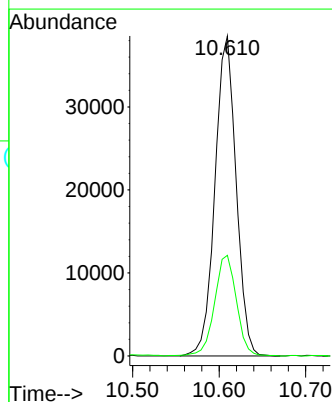
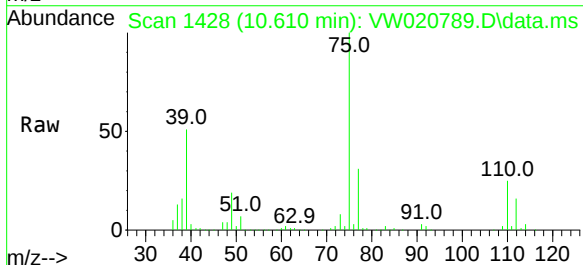
Instrument :
MSVOA_W
ClientSampleId :

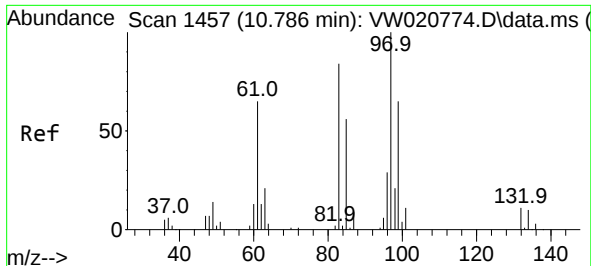
Tgt Ion: 91 Resp: 20205741
Ion Ratio Lower Upper
91 100
92 66.8 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 30.461 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion: 75 Resp: 65307
Ion Ratio Lower Upper
75 100
77 31.5 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 35.792 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 38685

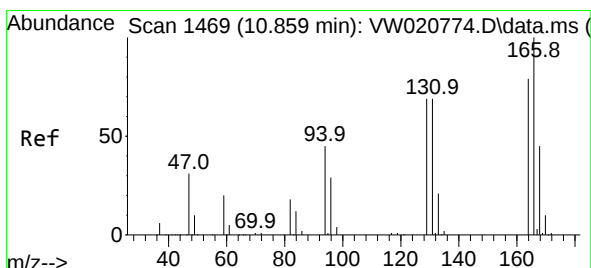
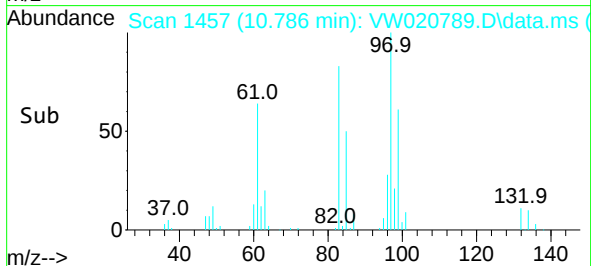
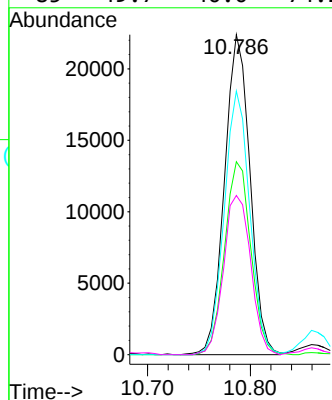
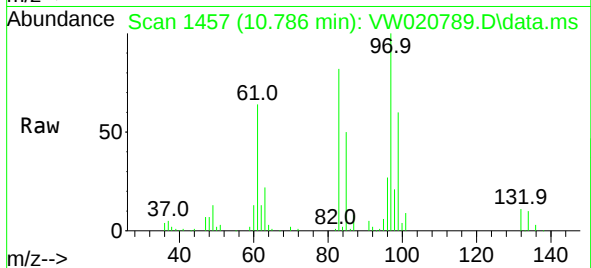
Ion Ratio Lower Upper

97 100

99 60.3 43.0 79.8

83 82.4 62.6 116.3

85 49.7 40.0 74.2



#46

Tetrachloroethene

Concen: 93.679 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Tgt Ion:164 Resp: 137579

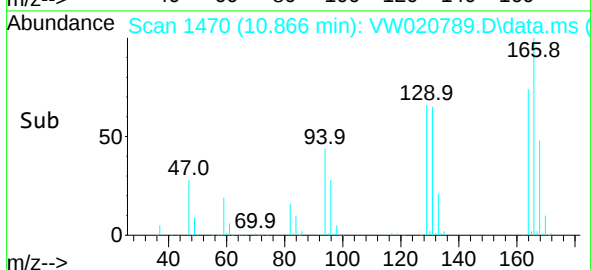
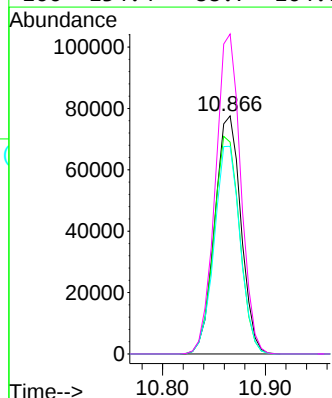
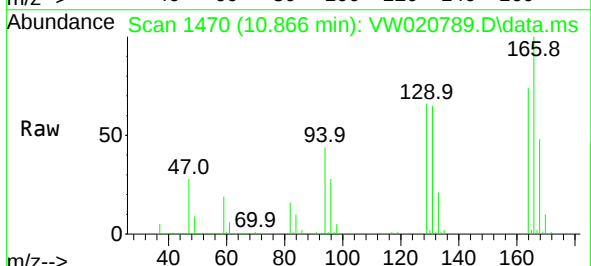
Ion Ratio Lower Upper

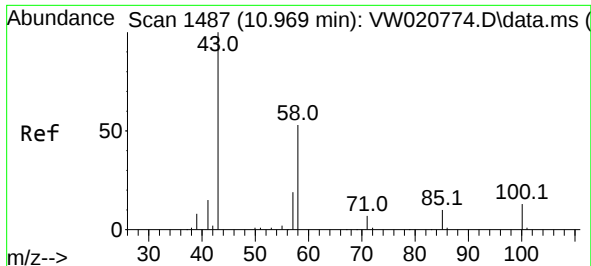
164 100

129 88.9 65.5 121.7

131 87.2 59.7 110.9

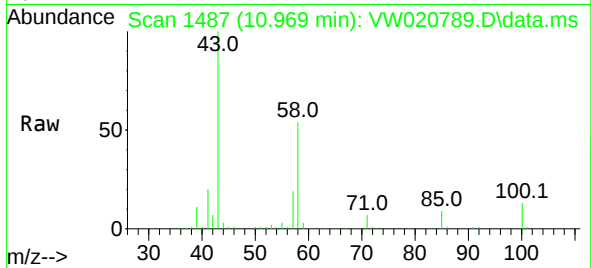
166 134.4 88.7 164.7



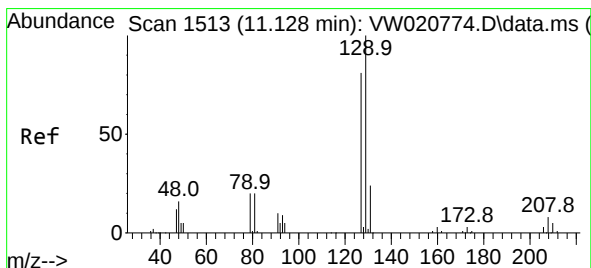
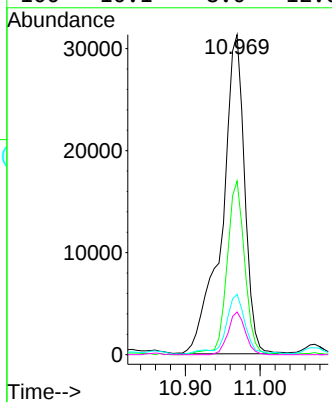
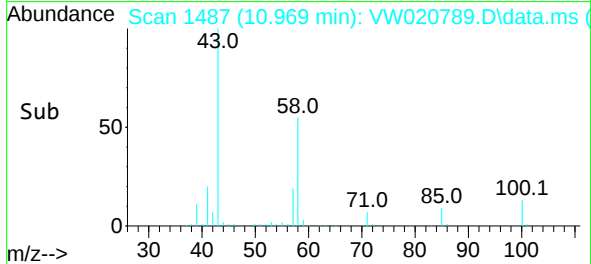


#48
2-Hexanone
Concen: 94.832 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Instrument :
MSVOA_W
ClientSampleId :

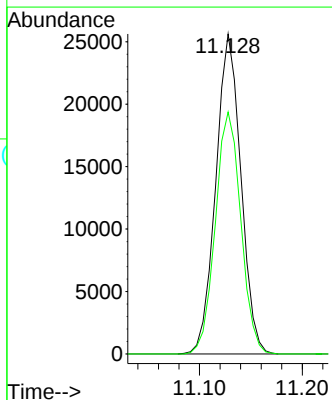
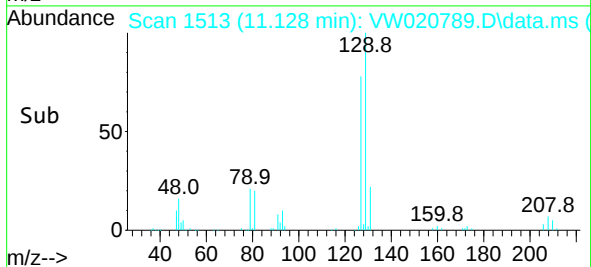
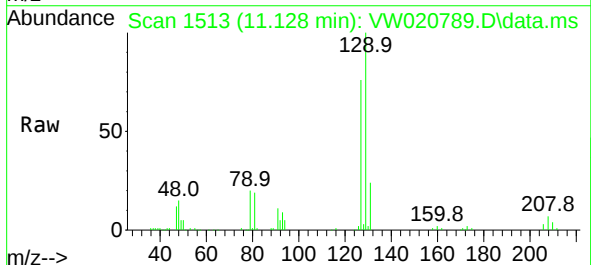


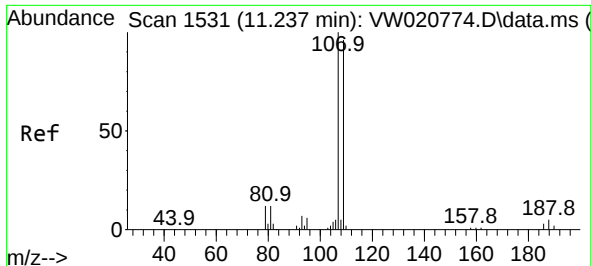
Tgt Ion: 43 Resp: 65910
Ion Ratio Lower Upper
43 100
58 41.3 40.2 60.2
57 15.2 14.3 21.5
100 10.1 8.0 12.0



#49
Dibromochloromethane
Concen: 29.437 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion: 129 Resp: 43449
Ion Ratio Lower Upper
129 100
127 75.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 31.605 ug/L

RT: 11.237 min Scan# 11

Delta R.T. 0.006 min

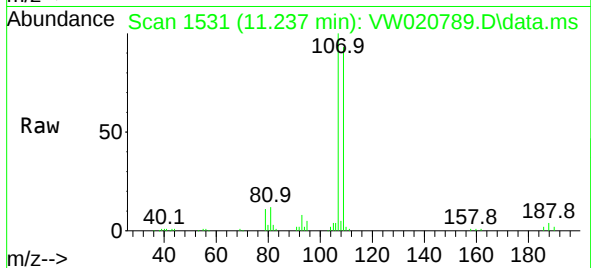
Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

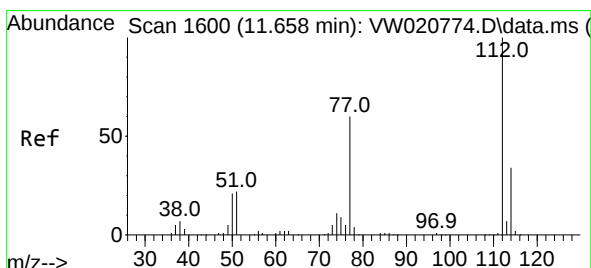
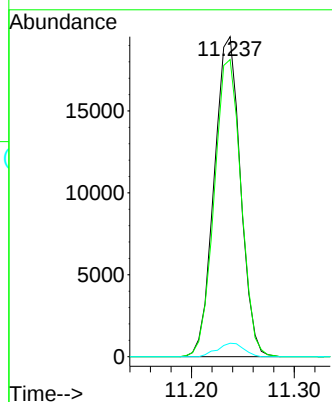
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	34636
Ion Ratio	Lower	Upper	
107	100		
109	92.9	64.1	119.1
188	4.2	2.6	3.8#



#51

Chlorobenzene

Concen: 22.454 ug/L

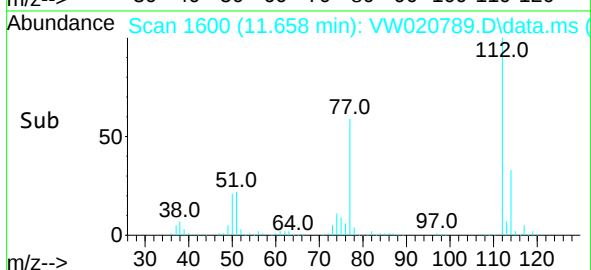
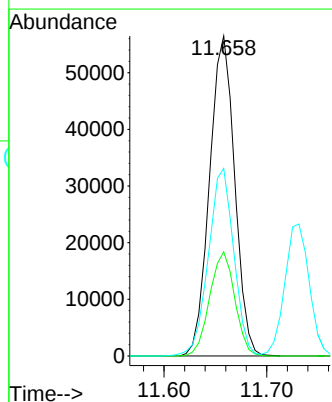
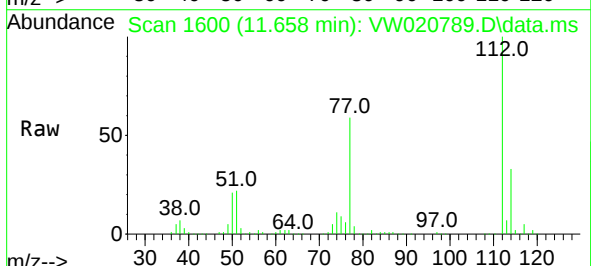
RT: 11.658 min Scan# 1600

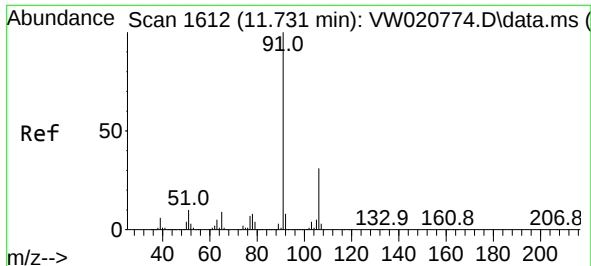
Delta R.T. -0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Tgt Ion:	112	Resp:	95799
Ion Ratio	Lower	Upper	
112	100		
114	32.5	22.4	41.6
77	58.6	50.2	75.4

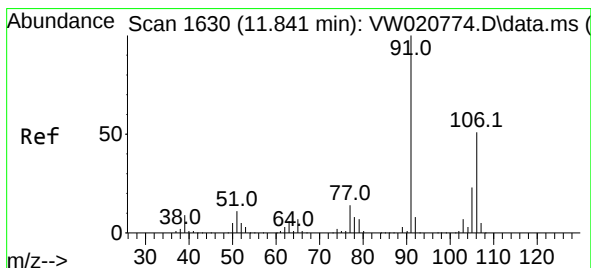
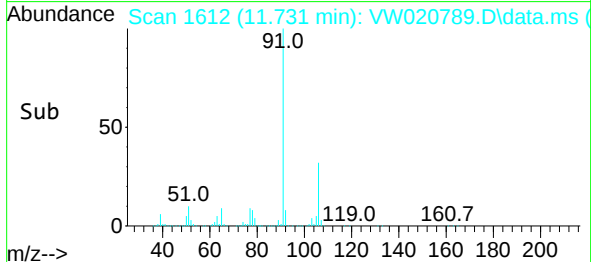
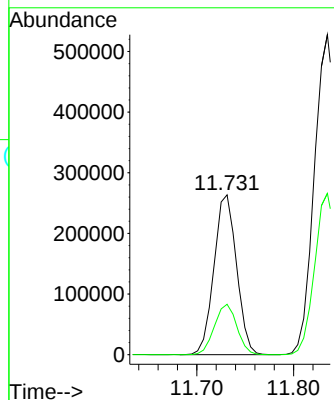
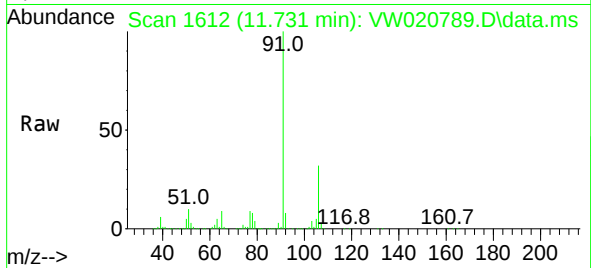




#52
Ethylbenzene
Concen: 57.499 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

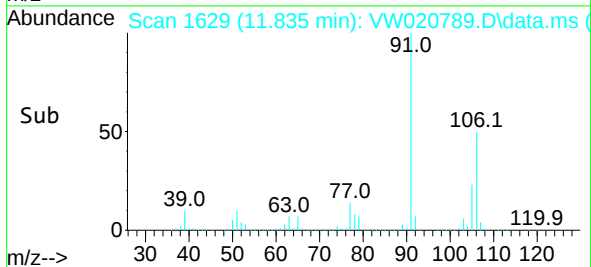
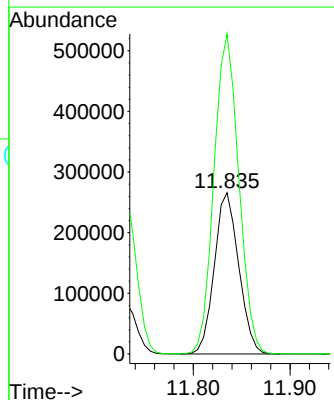
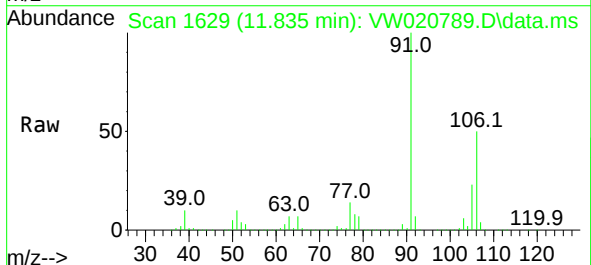
Instrument :
MSVOA_W
ClientSampleId :

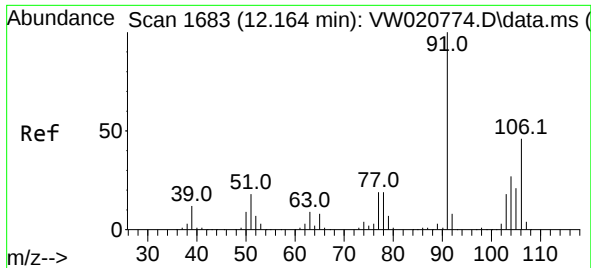
Tgt Ion: 91 Resp: 426132
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 156.689 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion:106 Resp: 465267
Ion Ratio Lower Upper
106 100
91 198.4 149.9 278.3

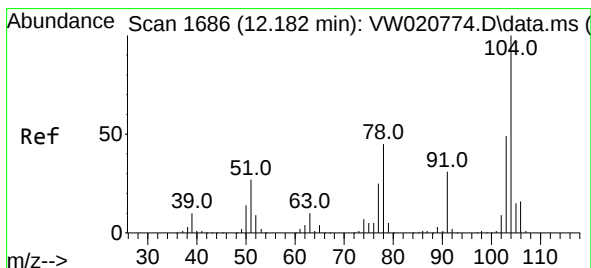
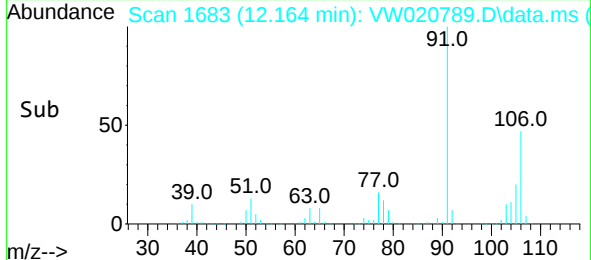
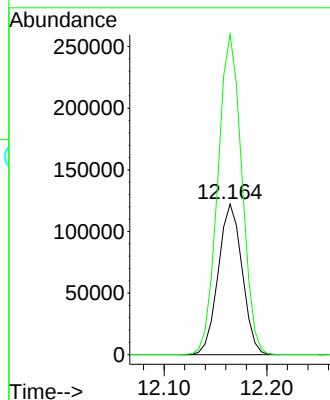
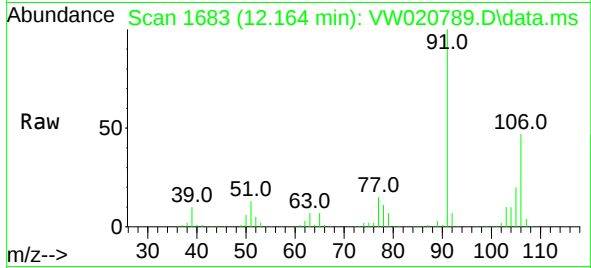




#54
o-Xylene
Concen: 70.132 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

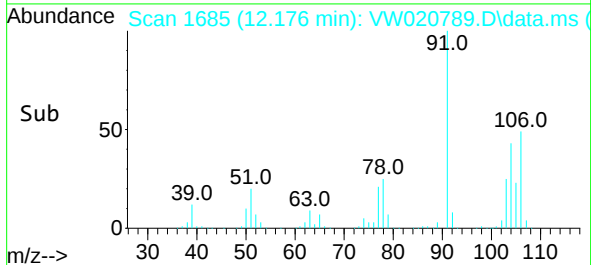
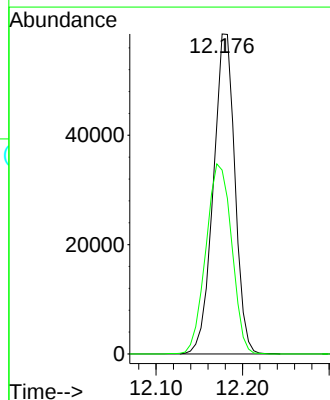
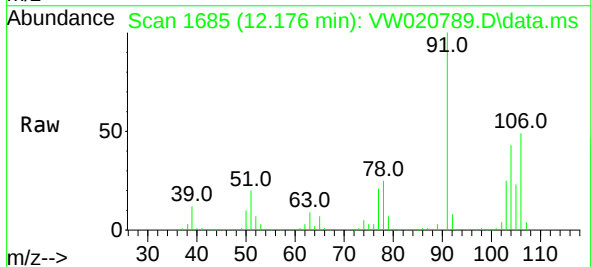
Instrument :
MSVOA_W
ClientSampleId :

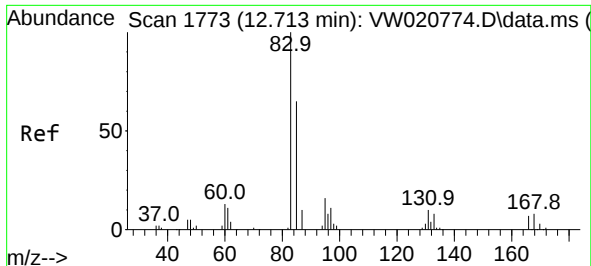
Tgt Ion:106 Resp: 197266
Ion Ratio Lower Upper
106 100
91 212.5 153.6 285.3



#55
Styrene
Concen: 21.238 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion:104 Resp: 101558
Ion Ratio Lower Upper
104 100
78 57.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 31.686 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020789.D

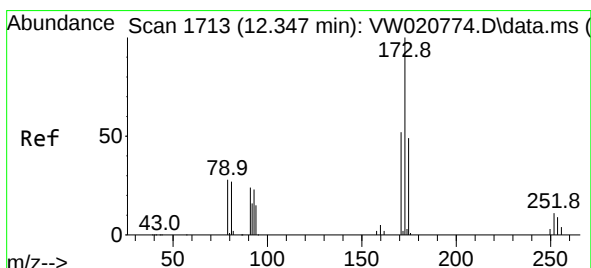
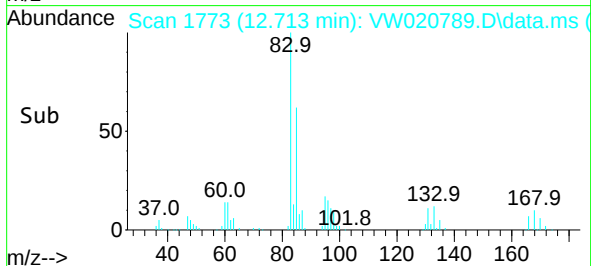
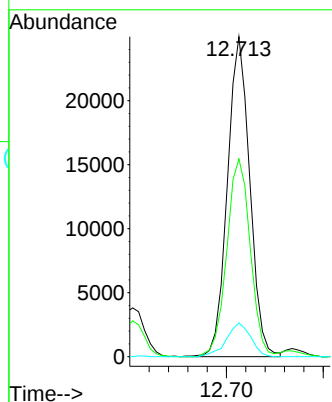
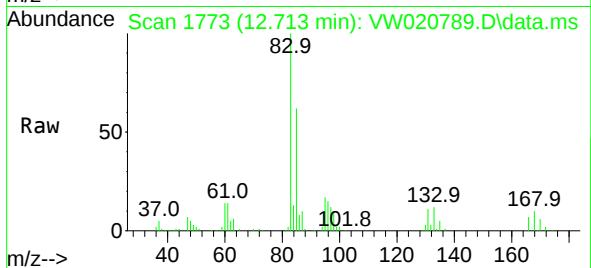
Acq: 05 Nov 2021 19:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	40138
Ion	Ratio	Lower	Upper
83	100		
85	61.8	44.0	81.6
131	10.5	6.9	10.3#



#59

Bromoform

Concen: 48.477 ug/L

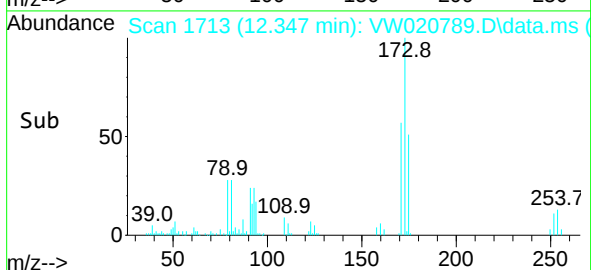
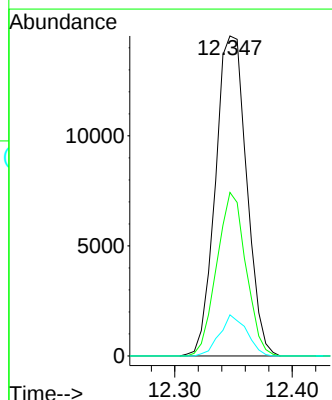
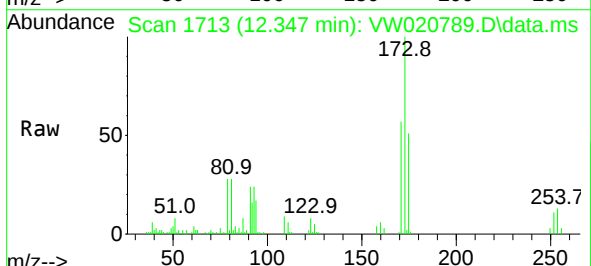
RT: 12.347 min Scan# 1713

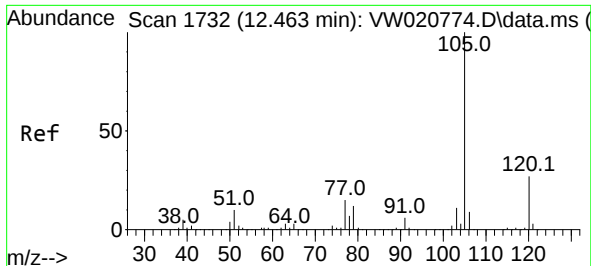
Delta R.T. -0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Tgt Ion:	173	Resp:	26761
Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.6	59.4
254	11.2	7.4	11.0#

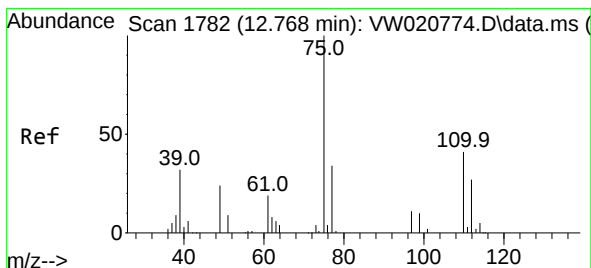
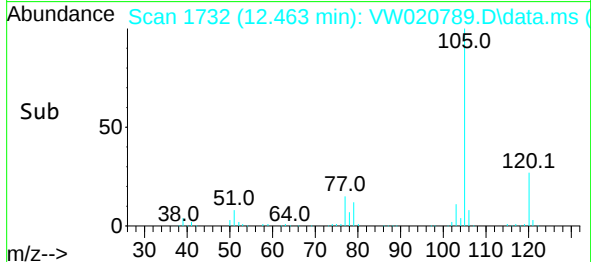
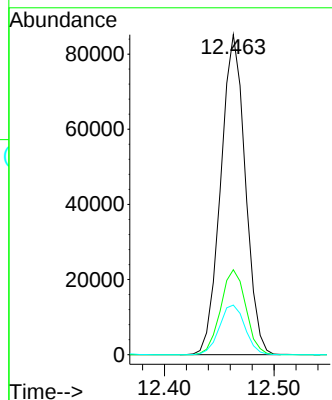
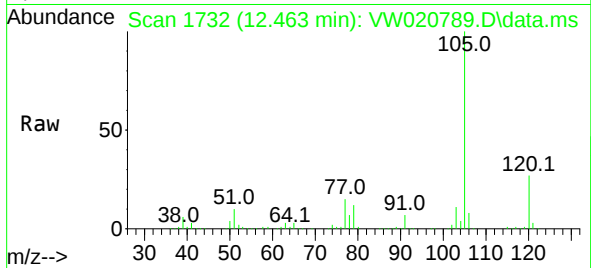




#60
Isopropylbenzene
Concen: 29.511 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

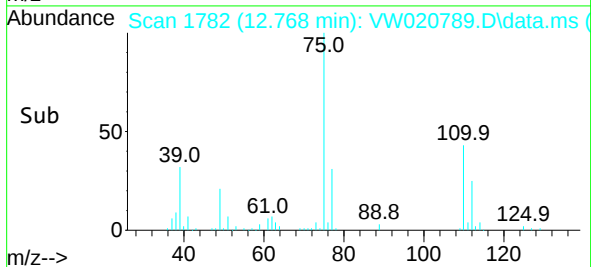
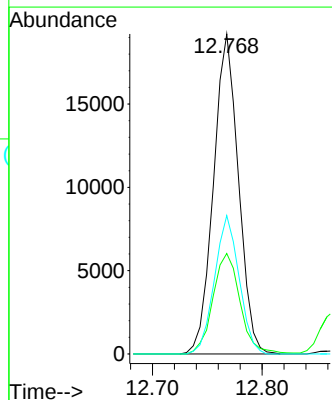
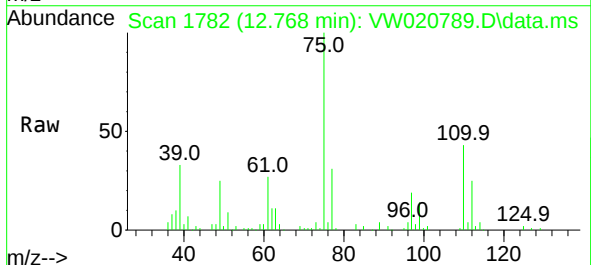
Instrument :
MSVOA_W
ClientSampleId :

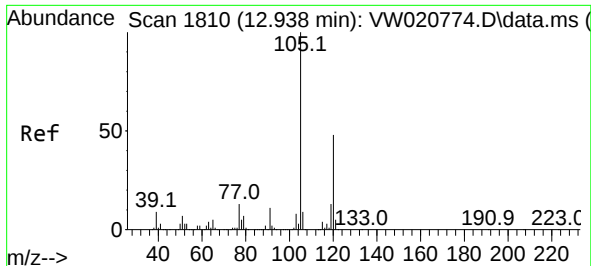
Tgt Ion:105 Resp: 132751
Ion Ratio Lower Upper
105 100
120 27.2 20.1 30.1
77 16.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 56.319 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion: 75 Resp: 30376
Ion Ratio Lower Upper
75 100
77 34.3 25.8 38.8
110 42.6 29.0 43.4

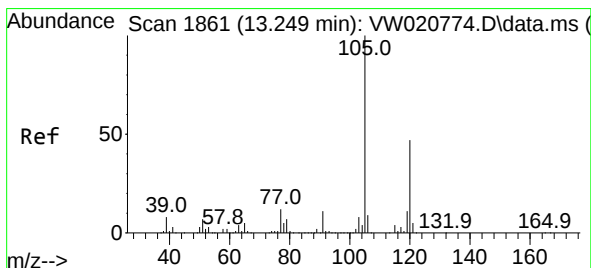
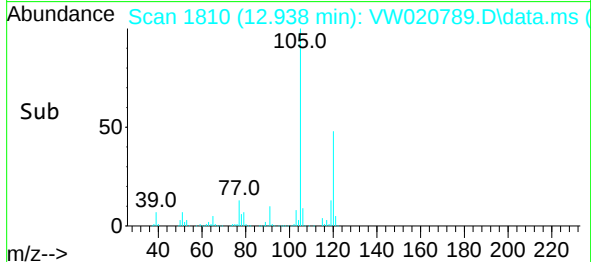
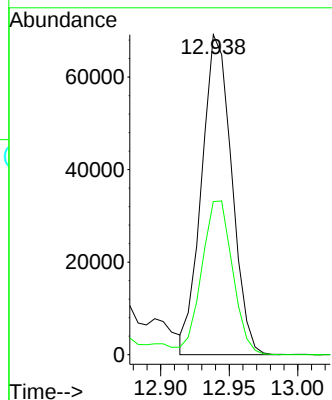
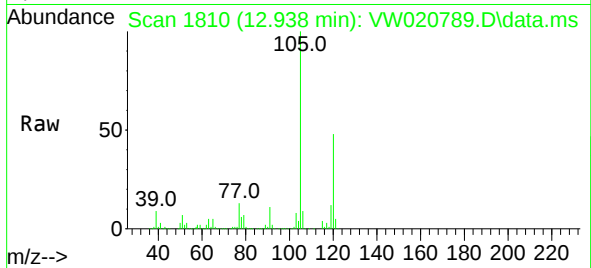




#62
 1,3,5-Trimethylbenzene
 Concen: 27.347 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.006 min
 Lab File: VW020789.D
 Acq: 05 Nov 2021 19:12

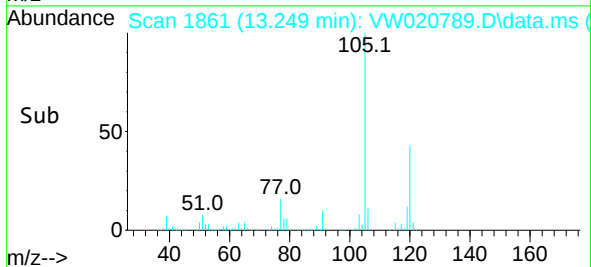
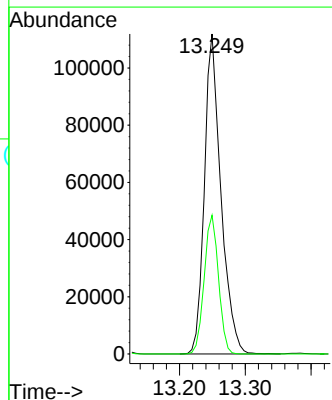
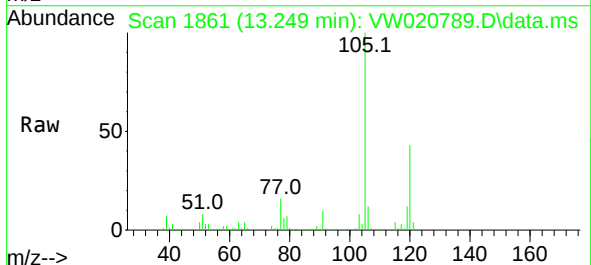
Instrument :
 MSVOA_W
 ClientSampleId :

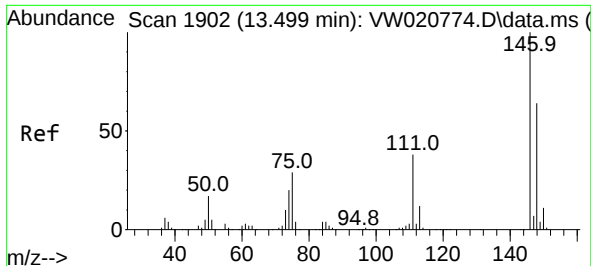
Tgt Ion:105 Resp: 105707
 Ion Ratio Lower Upper
 105 100
 120 49.8 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 51.020 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW020789.D
 Acq: 05 Nov 2021 19:12

Tgt Ion:105 Resp: 195910
 Ion Ratio Lower Upper
 105 100
 120 37.4 35.0 52.6

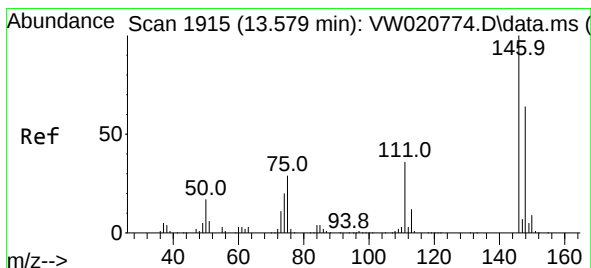
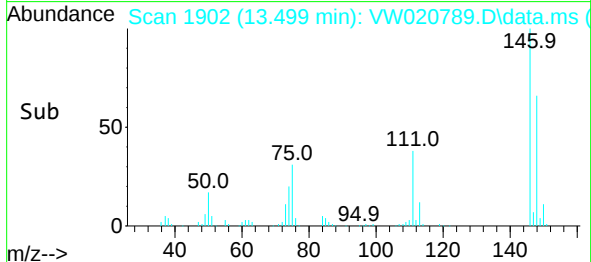
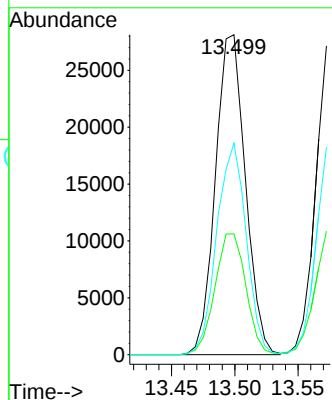
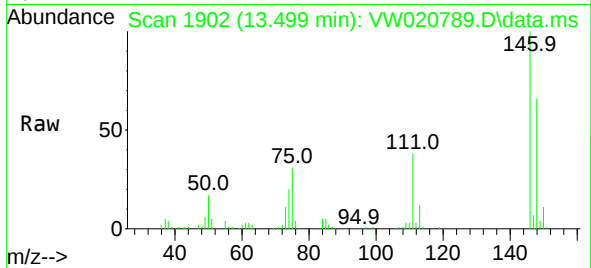




#64
1,3-Dichlorobenzene
Concen: 22.224 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

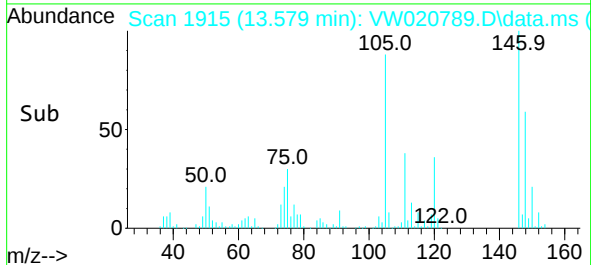
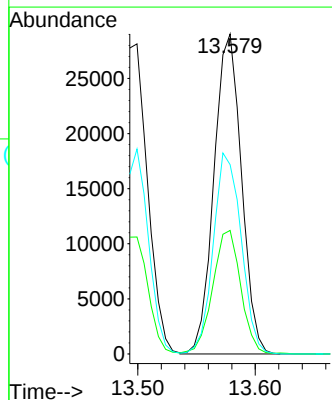
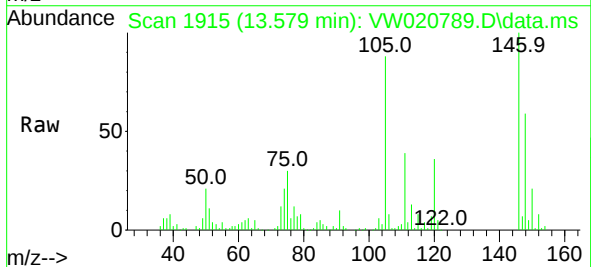
Instrument :
MSVOA_W
ClientSampleId :

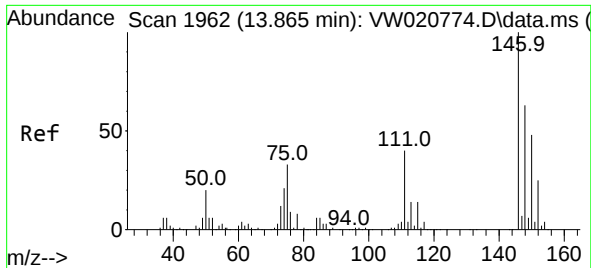
Tgt Ion:146 Resp: 46351
Ion Ratio Lower Upper
146 100
111 37.7 29.8 55.3
148 66.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.723 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

Tgt Ion:146 Resp: 47209
Ion Ratio Lower Upper
146 100
111 38.6 29.0 53.9
148 59.1 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 32.983 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Instrument :

MSVOA_W

ClientSampleId :

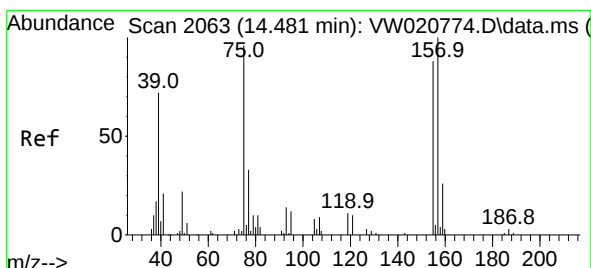
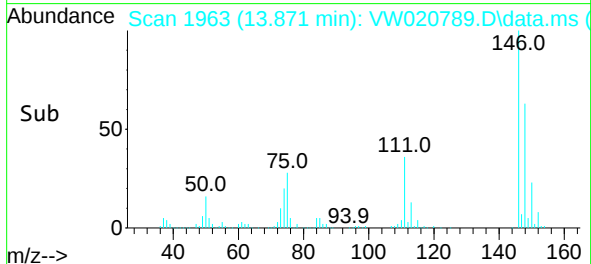
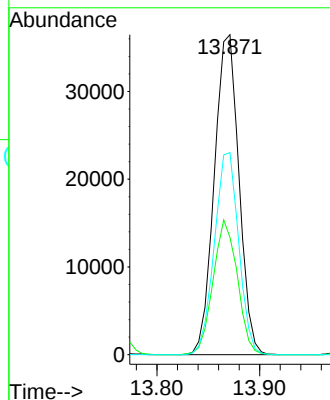
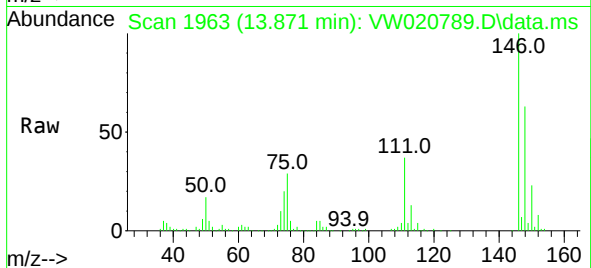
Tgt Ion:146 Resp: 60767

Ion Ratio Lower Upper

146 100

111 36.7 33.1 49.7

148 63.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 54.708 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

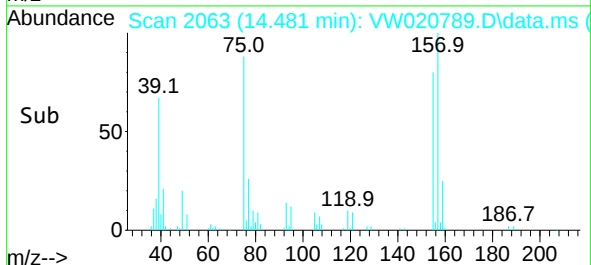
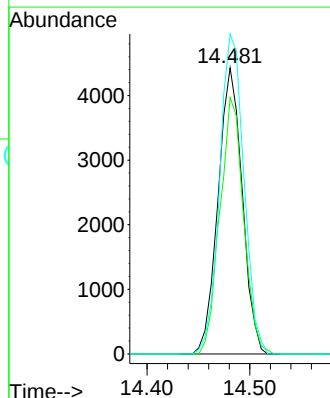
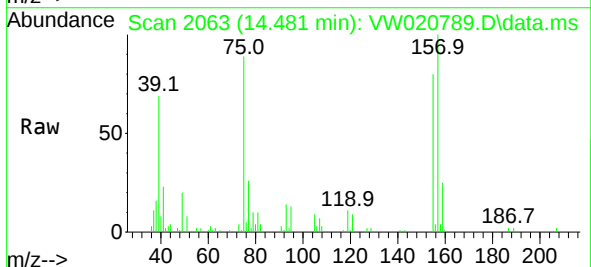
Tgt Ion: 75 Resp: 7213

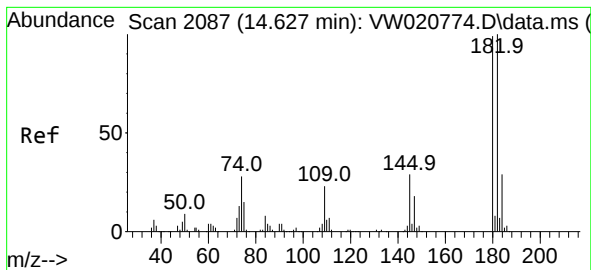
Ion Ratio Lower Upper

75 100

155 89.6 54.2 81.2#

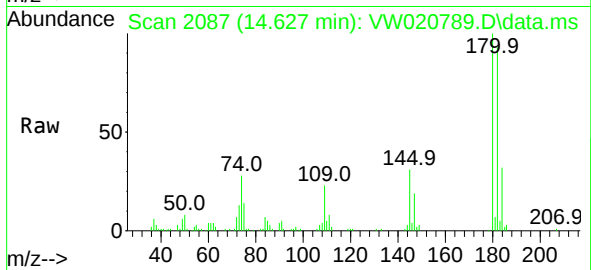
157 111.9 69.4 104.2#



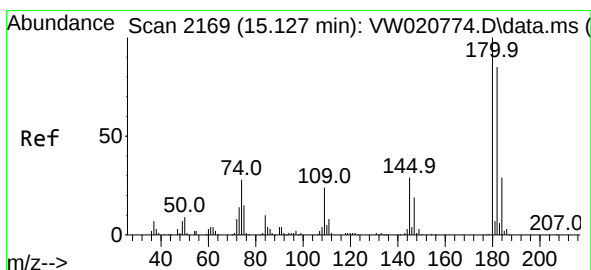
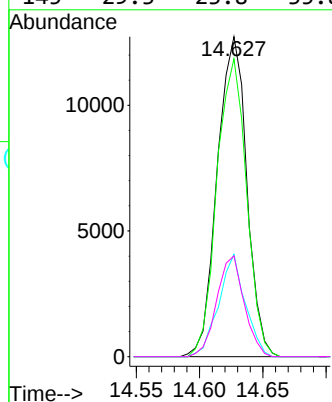
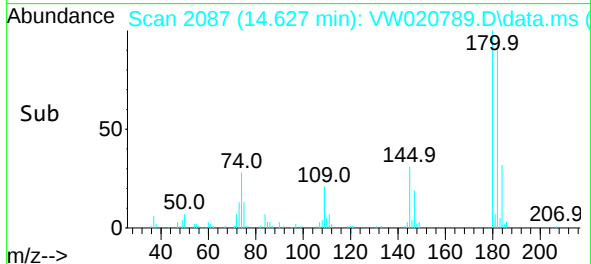


#69
1,3,5-Trichlorobenzene
Concen: 12.447 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12

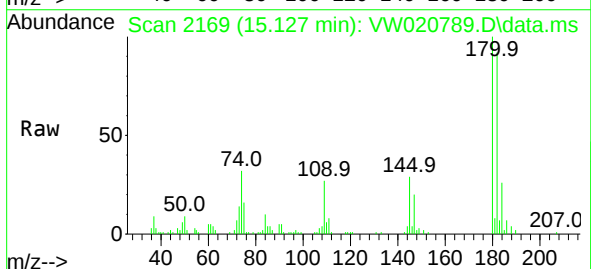
Instrument :
MSVOA_W
ClientSampleId :



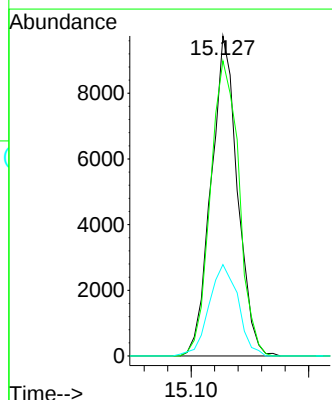
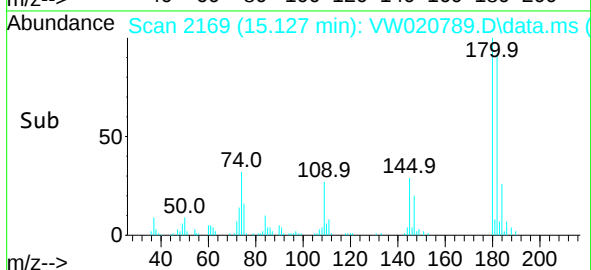
Tgt Ion:180 Resp: 20606
Ion Ratio Lower Upper
180 100
182 93.4 75.4 113.0
184 28.9 23.8 35.8
145 29.3 23.8 35.8

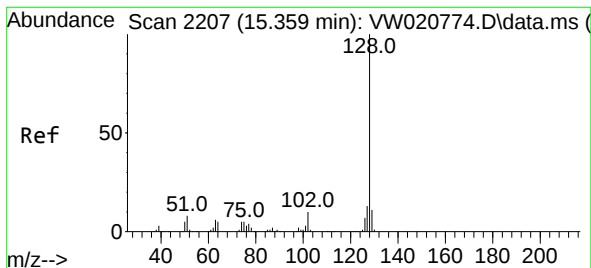


#70
1,2,4-trichlorobenzene
Concen: 11.009 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW020789.D
Acq: 05 Nov 2021 19:12



Tgt Ion:180 Resp: 15194
Ion Ratio Lower Upper
180 100
182 99.6 79.0 118.6
145 31.5 26.0 39.0





#71

Naphthalene

Concen: 23.093 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW020789.D

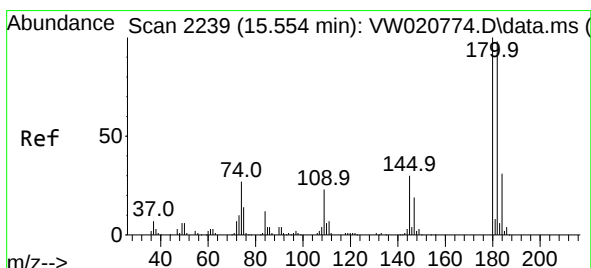
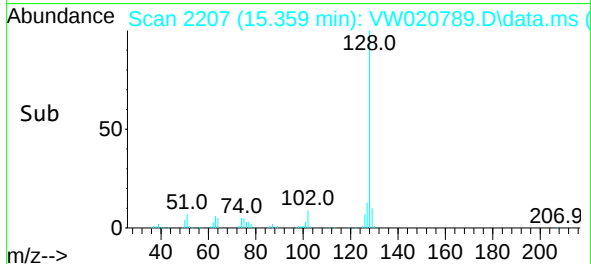
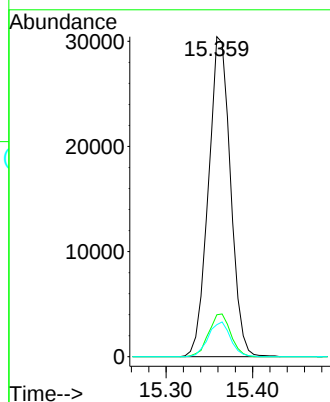
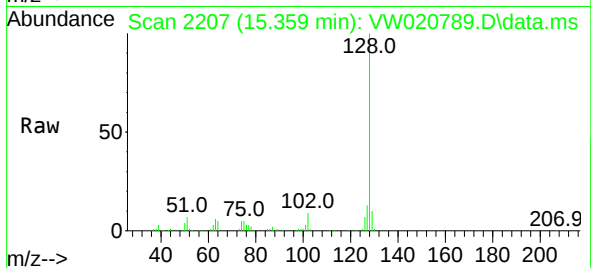
Acq: 05 Nov 2021 19:12

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	53871
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.7 16.1
129	11.0	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 11.619 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW020789.D

Acq: 05 Nov 2021 19:12

Tgt Ion:180	Resp:	13627
Ion Ratio	Lower	Upper
180	100	
182	103.1	76.6 114.8
145	33.4	27.4 41.0

