

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020781.D
 Acq On : 05 Nov 2021 15:59
 Operator : SY/VA
 Sample : M4511-03MS
 Misc : 5.48g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4266MS

Quant Time: Nov 08 04:53:03 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	182953	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	157154	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75092	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35928	20.886	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
7) Chloroethane-d5	2.879	69	22098	22.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.720%
11) 1,1-Dichloroethene-d2	4.019	63	69703	19.305	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.240%
21) 2-Butanone-d5	7.074	46	25694	44.977	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.960%
24) Chloroform-d	7.647	84	86327	21.236	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.960%
26) 1,2-Dichloroethane-d4	8.305	65	46601	21.534	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.120%
32) Benzene-d6	8.275	84	155615	21.917	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	9.274	67	48948	22.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.080%
41) Toluene-d8	10.323	98	146796	21.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	10.579	79	22681	20.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.200%
47) 2-Hexanone-d5	10.920	63	18900	42.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42608	23.387	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	51317	21.746	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	23829	31.942	ug/L	97
3) Chloromethane	2.209	50	41040	21.024	ug/L	99
5) Vinyl chloride	2.355	62	59065	20.978	ug/L	99
6) Bromomethane	2.769	94	28747	19.728	ug/L	99
8) Chloroethane	2.916	64	22762	21.986	ug/L	98
9) Trichlorofluoromethane	3.251	101	25836	17.301	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	48455	19.728	ug/L	91
12) 1,1-Dichloroethene	4.037	96	46184	19.731	ug/L	81
13) Acetone	4.123	43	13606	25.920	ug/L	90
14) Carbon disulfide	4.379	76	134179	18.992	ug/L	100
15) Methyl Acetate	4.672	43	17218	17.288	ug/L	95
16) Methylene chloride	4.915	84	44913	16.578	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	49901	20.056	ug/L	88
18) Methyl tert-butyl Ether	5.428	73	67737	19.240	ug/L	97
19) 1,1-Dichloroethane	6.214	63	85611	19.867	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	52428	19.989	ug/L	79
22) 2-Butanone	7.171	43	24822	35.219	ug/L	92
23) Bromochloromethane	7.513	128	24969	20.630	ug/L #	74
25) Chloroform	7.677	83	89567	19.965	ug/L	98

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

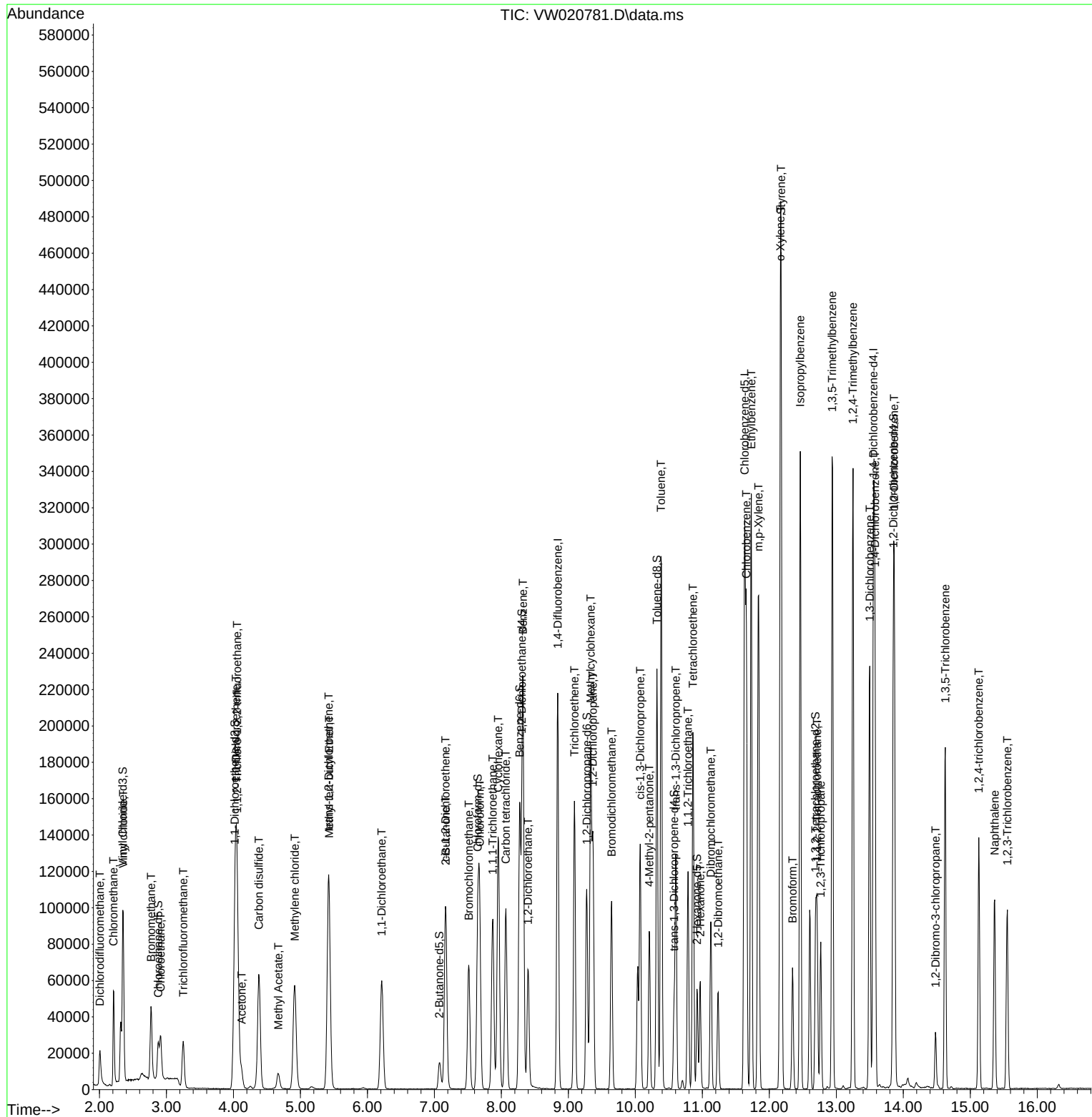
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	58381	20.103	ug/L	95
29) Cyclohexane	7.951	56	78281	19.092	ug/L	90
30) 1,1,1-Trichloroethane	7.872	97	76779	20.559	ug/L	95
31) Carbon tetrachloride	8.067	117	71666	20.165	ug/L	95
33) Benzene	8.323	78	195514	20.773	ug/L	100
34) Trichloroethene	9.091	95	51162	20.422	ug/L	93
35) Methylcyclohexane	9.335	83	76154	17.419	ug/L	90
37) 1,2-Dichloropropane	9.366	63	46764	20.986	ug/L #	97
38) Bromodichloromethane	9.646	83	66254	21.240	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	73069	20.148	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	57539	39.509	ug/L #	96
42) Toluene	10.384	91	209437	20.693	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	64851	19.769	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	34926	21.119	ug/L	98
46) Tetrachloroethene	10.859	164	43197	19.223	ug/L	97
48) 2-Hexanone	10.969	43	37117	34.903	ug/L #	96
49) Dibromochloromethane	11.128	129	46389	20.541	ug/L	99
50) 1,2-Dibromoethane	11.237	107	35127	20.948	ug/L #	94
51) Chlorobenzene	11.658	112	130694	20.020	ug/L	95
52) Ethylbenzene	11.731	91	225073	19.848	ug/L	98
53) m,p-Xylene	11.841	106	89757	19.756	ug/L	94
54) o-Xylene	12.164	106	87495	20.330	ug/L	100
55) Styrene	12.176	104	142757	19.511	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	41299	21.308	ug/L #	98
59) Bromoform	12.347	173	29586	23.293	ug/L #	95
60) Isopropylbenzene	12.463	105	223703	21.614	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	30112	24.265	ug/L	94
62) 1,3,5-Trimethylbenzene	12.938	105	186582	20.979	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	179498	20.317	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	96027	20.011	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	93910	19.645	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	84809	20.007	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	7041	23.211	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.627	180	60452	15.871	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	45403	14.299	ug/L	95
71) Naphthalene	15.365	128	90271	16.819	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	35242	13.060	ug/L	98

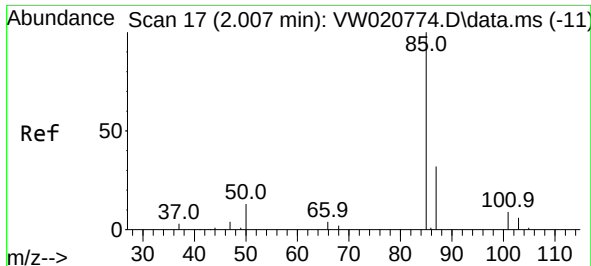
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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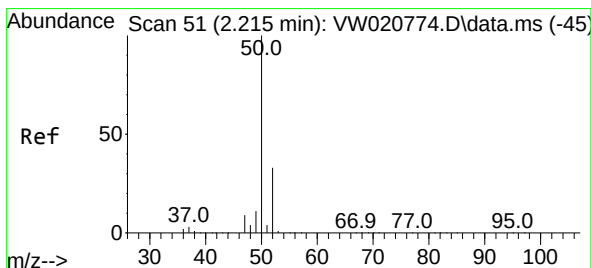
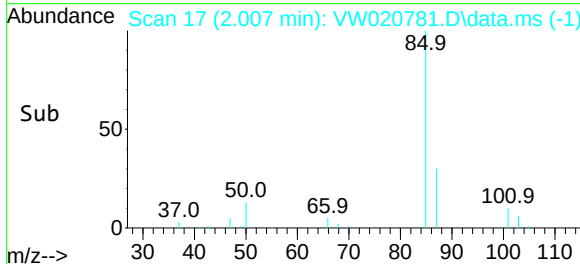
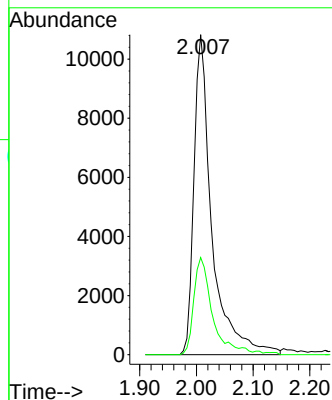
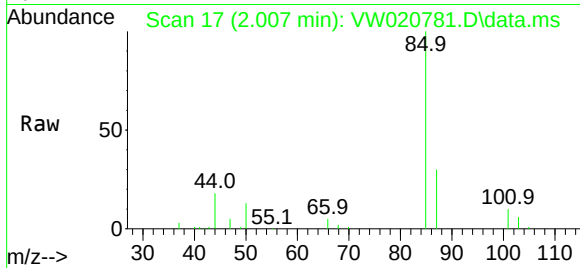




#2
 Dichlorodifluoromethane
 Concen: 31.942 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

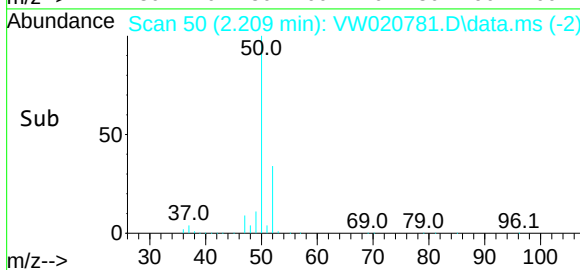
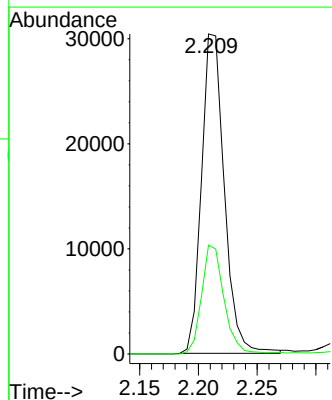
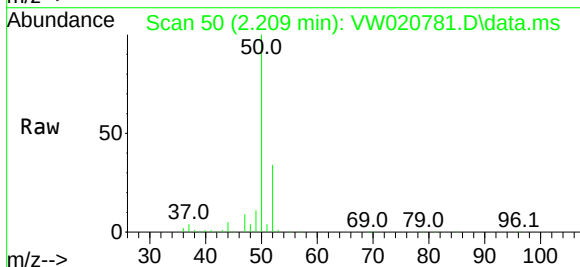
Instrument :
 MSVOA_W
 ClientSampleId :
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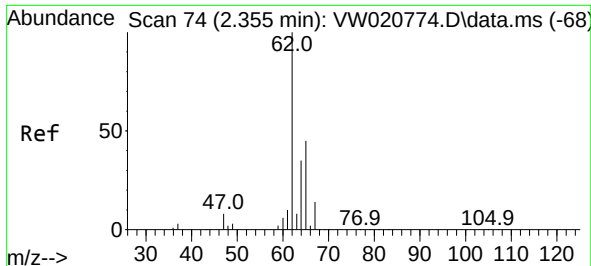
Tgt Ion: 85 Resp: 23829
 Ion Ratio Lower Upper
 85 100
 87 30.4 25.8 38.6



#3
 Chloromethane
 Concen: 21.024 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

Tgt Ion: 50 Resp: 41040
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.4 43.6

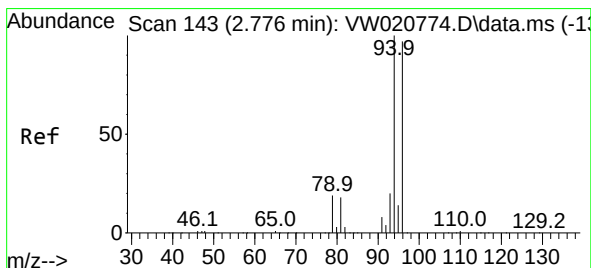
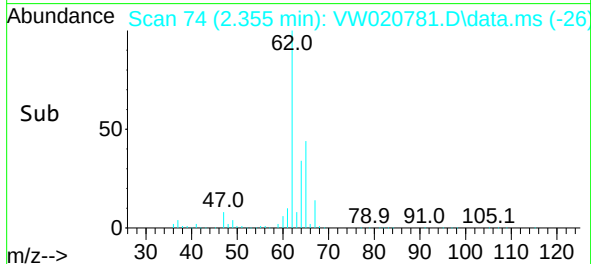
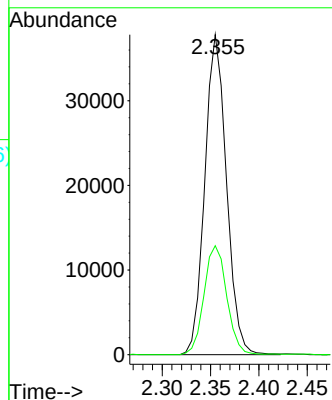
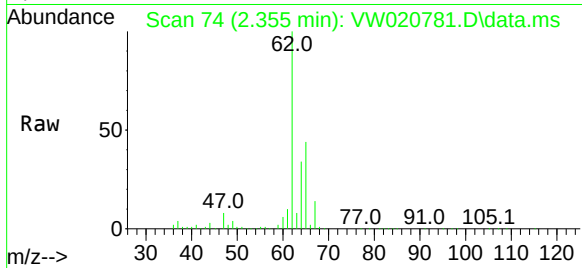




#5
 Vinyl chloride
 Concen: 20.978 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

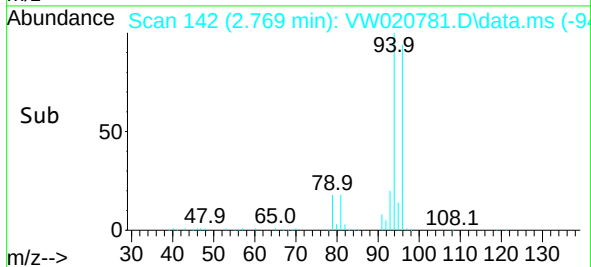
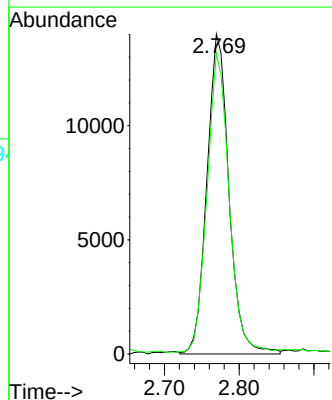
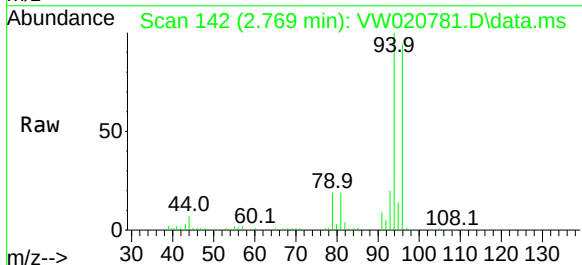
Instrument :
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 ClientSampleId :
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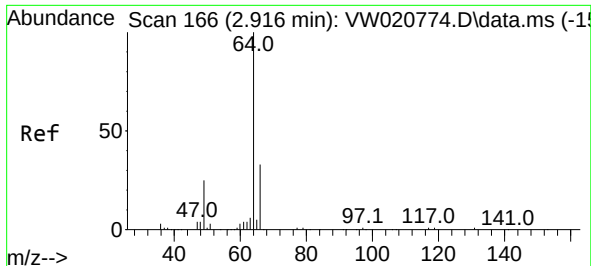
Tgt Ion: 62 Resp: 59065
 Ion Ratio Lower Upper
 62 100
 64 34.0 24.4 45.2



#6
 Bromomethane
 Concen: 19.728 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.007 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

Tgt Ion: 94 Resp: 28747
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.8 120.4

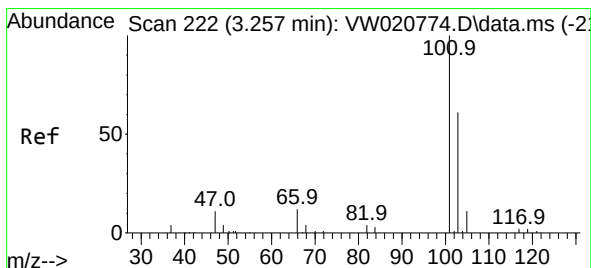
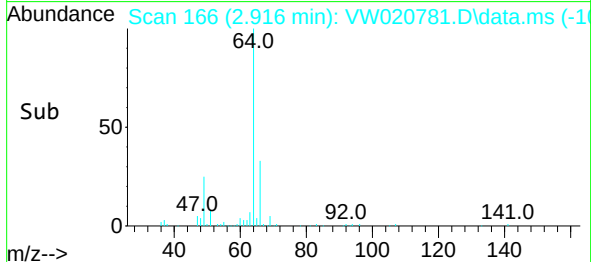
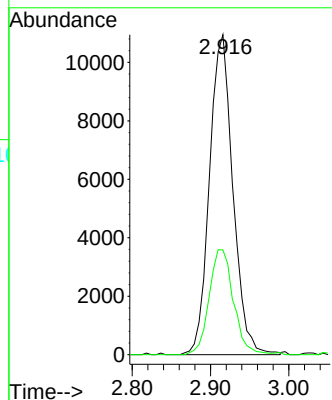
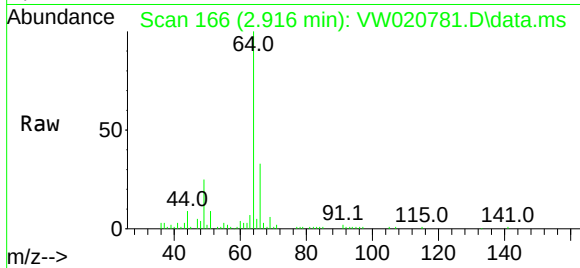




#8
Chloroethane
Concen: 21.986 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

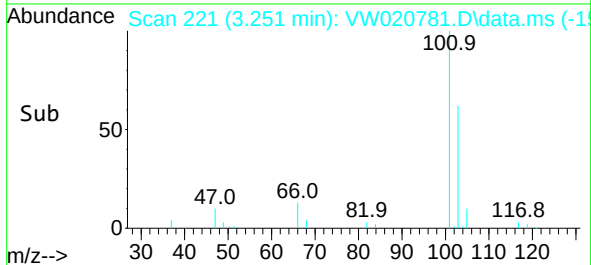
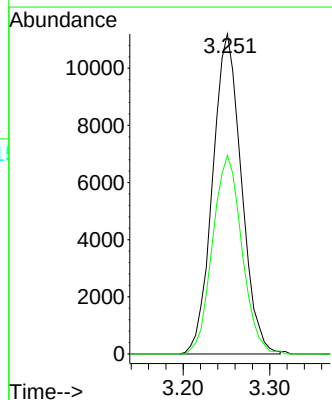
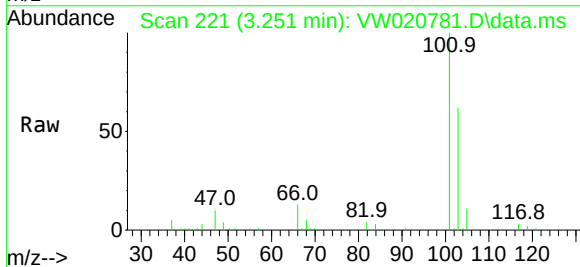
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ClientSampleId :
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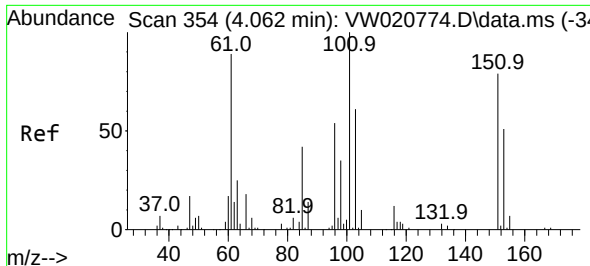
Tgt Ion: 64 Resp: 22762
Ion Ratio Lower Upper
64 100
66 32.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 17.301 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion:101 Resp: 25836
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

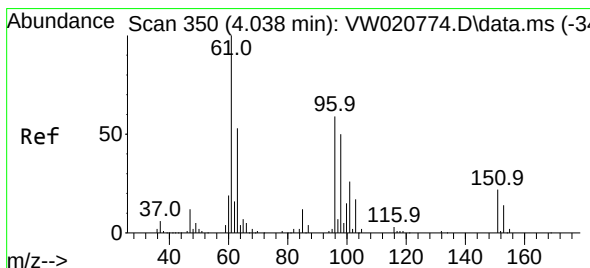
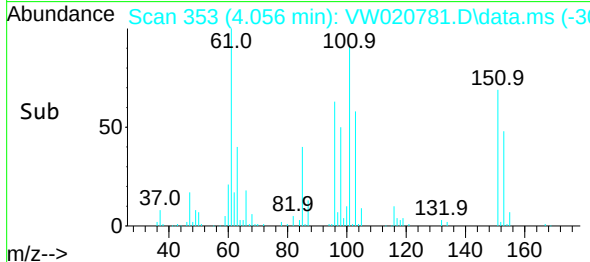
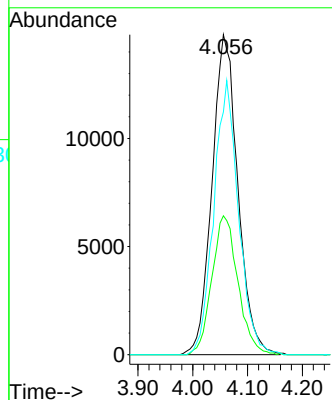
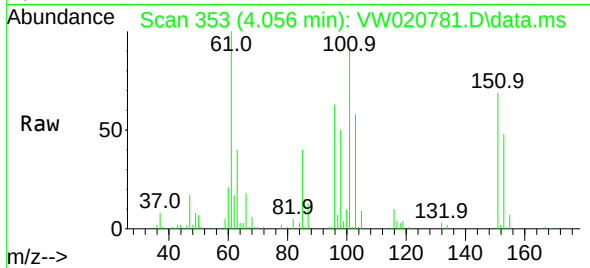




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.728 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

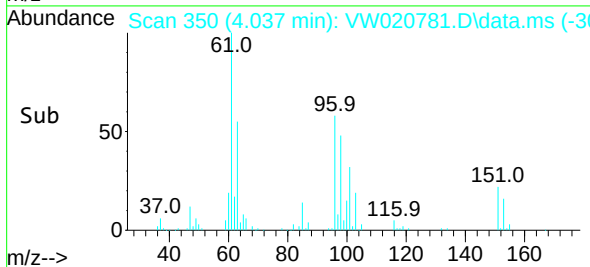
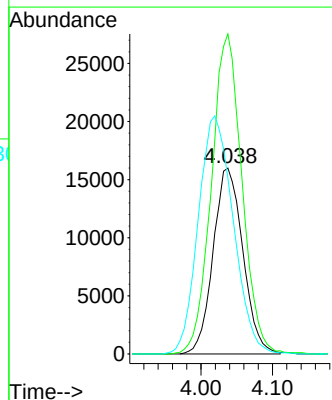
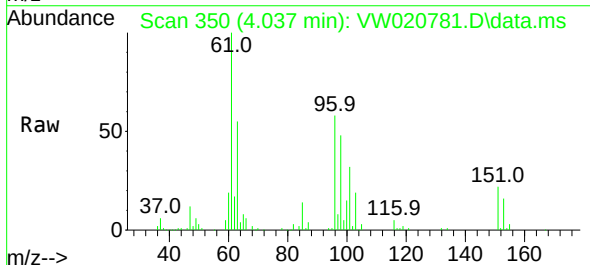
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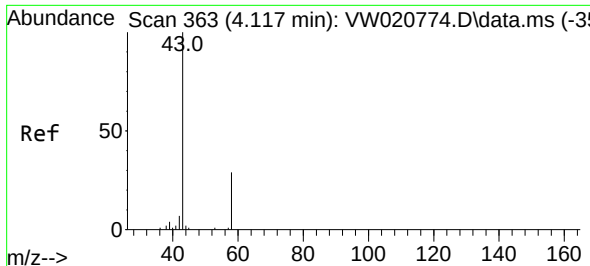
Tgt Ion:101 Resp: 48455
 Ion Ratio Lower Upper
 101 100
 85 43.7 36.6 54.8
 151 82.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 19.731 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

Tgt Ion: 96 Resp: 46184
 Ion Ratio Lower Upper
 96 100
 61 172.2 138.3 256.9
 63 94.7 82.6 153.4





#13

Acetone

Concen: 25.920 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

Instrument :

MSVOA_W

ClientSampleId :

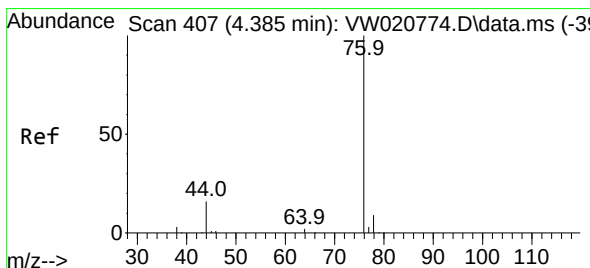
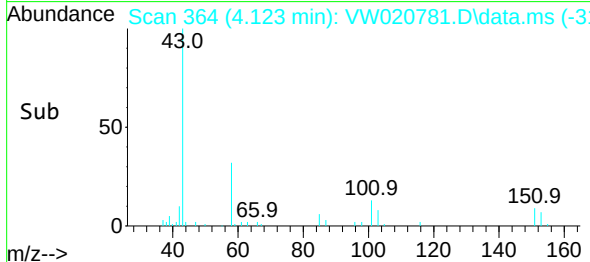
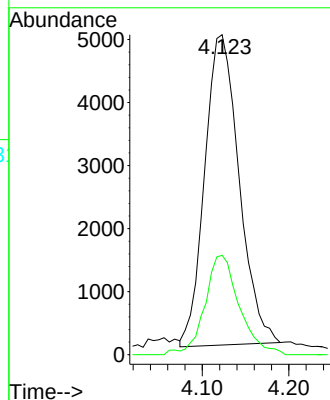
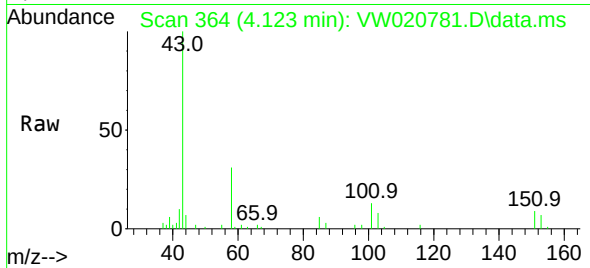
A4266MS

Tgt Ion: 43 Resp: 13606

Ion Ratio Lower Upper

43 100

58 31.5 0.0 52.8



#14

Carbon disulfide

Concen: 18.992 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW020781.D

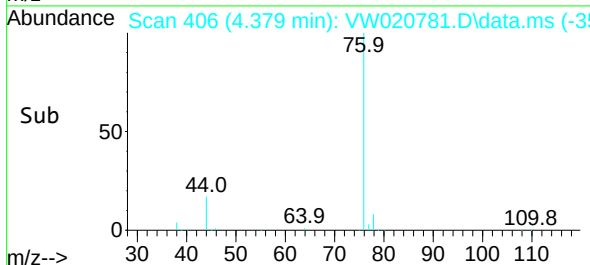
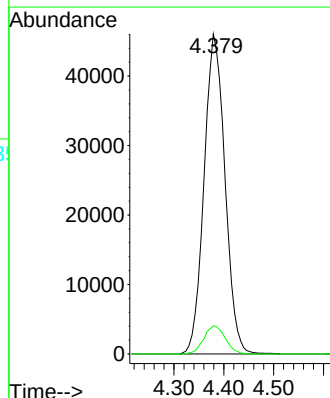
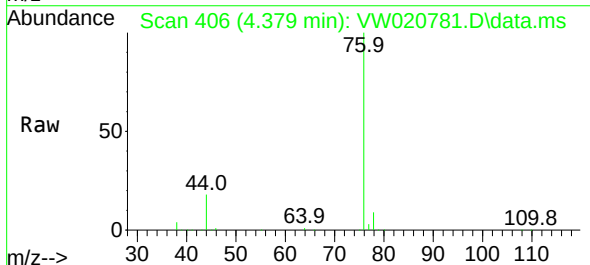
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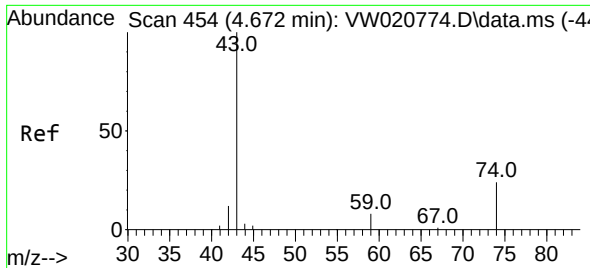
Tgt Ion: 76 Resp: 134179

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7

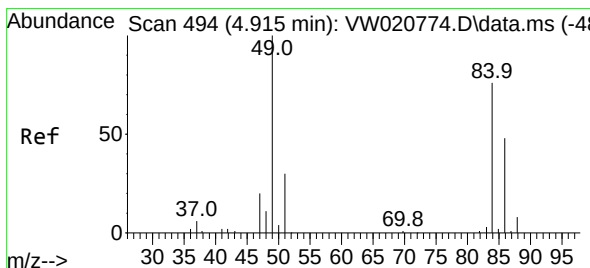
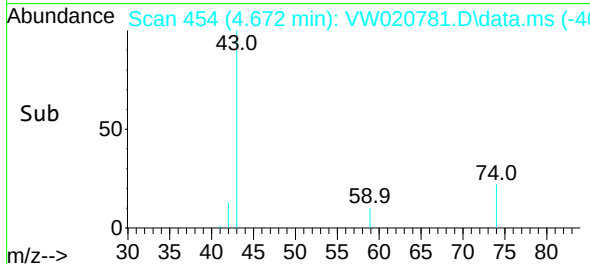
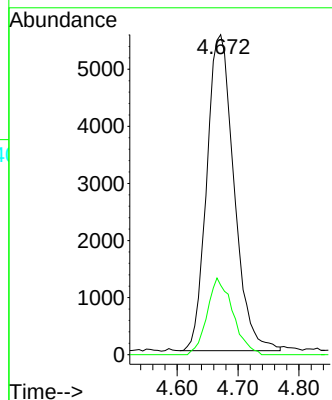
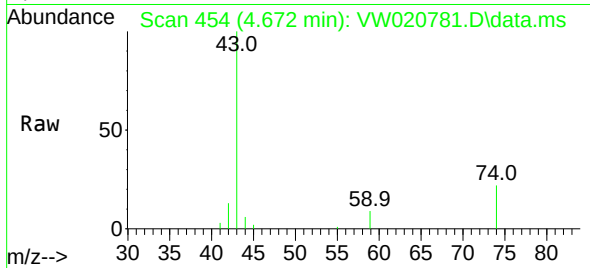




#15
Methyl Acetate
Concen: 17.288 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

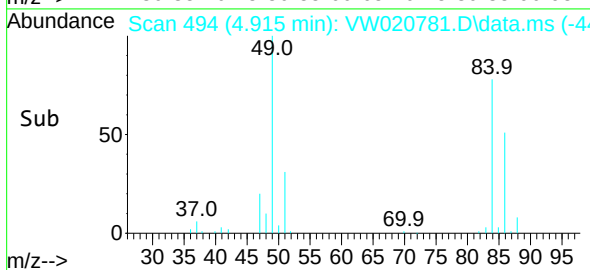
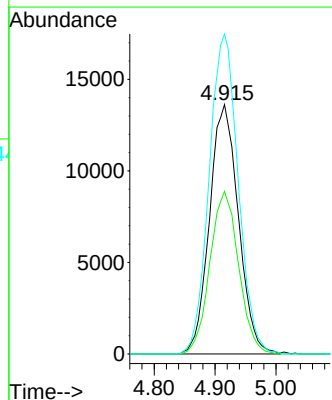
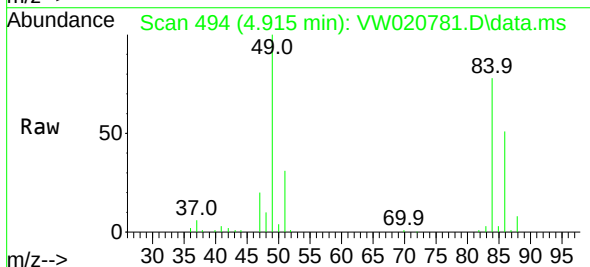
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

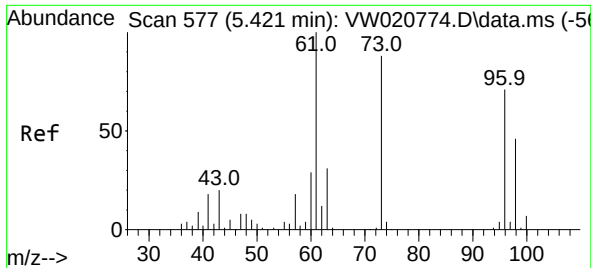
Tgt Ion: 43 Resp: 17218
Ion Ratio Lower Upper
43 100
74 22.8 16.4 24.6



#16
Methylene chloride
Concen: 16.578 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.007 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 84 Resp: 44913
Ion Ratio Lower Upper
84 100
86 65.2 45.5 84.5
49 128.3 100.5 186.7

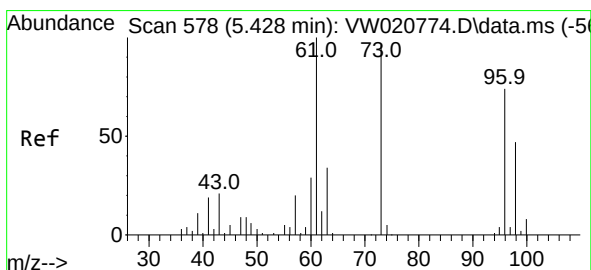
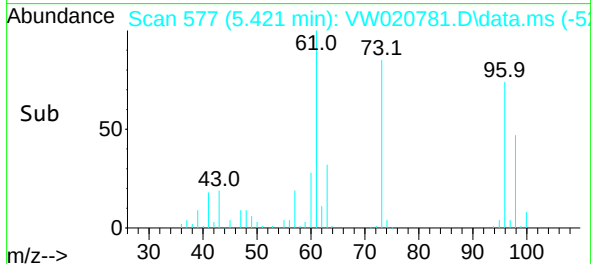
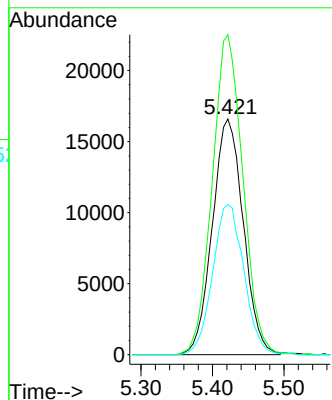
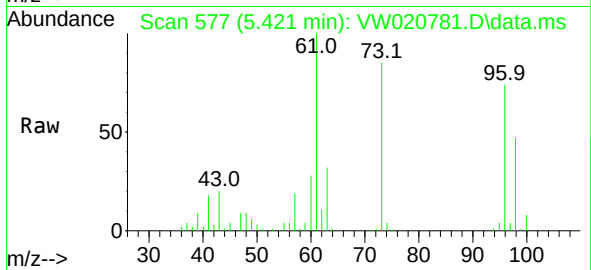




#17
trans-1,2-Dichloroethene
Concen: 20.056 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

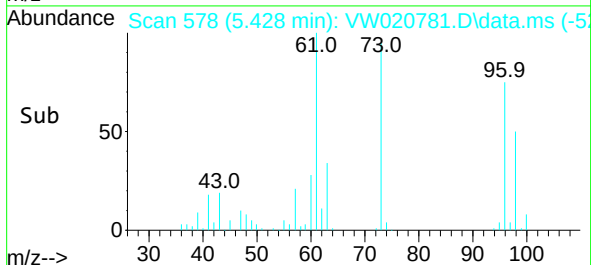
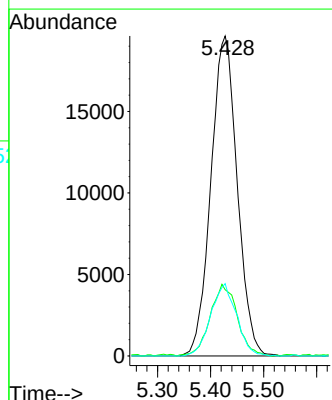
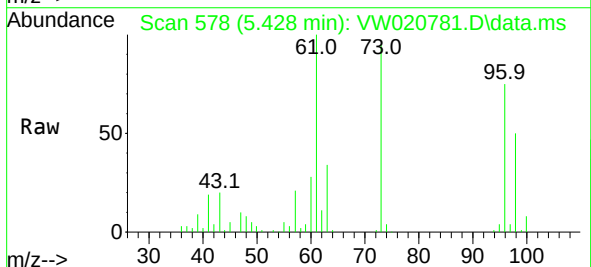
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

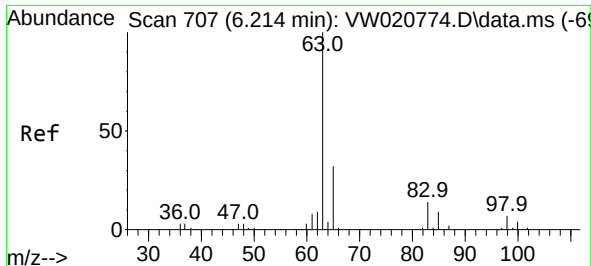
Tgt Ion: 96 Resp: 49901
Ion Ratio Lower Upper
96 100
61 135.8 107.4 199.4
98 63.8 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 19.240 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 73 Resp: 67737
Ion Ratio Lower Upper
73 100
43 23.0 19.5 29.3
57 22.3 19.3 28.9

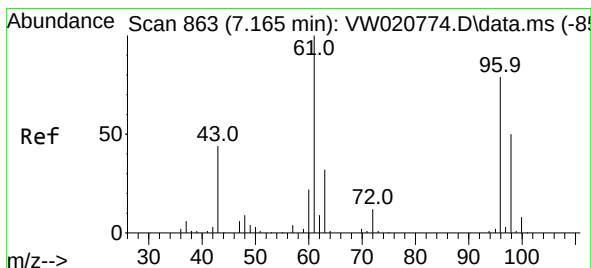
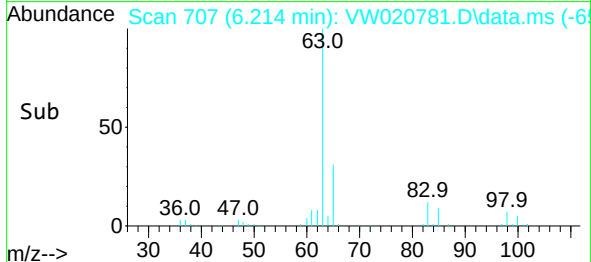
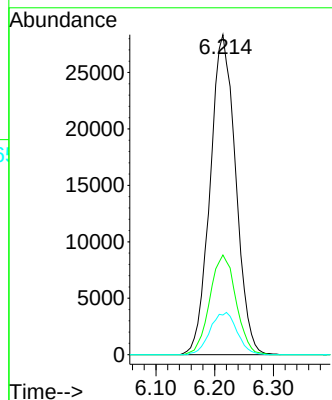
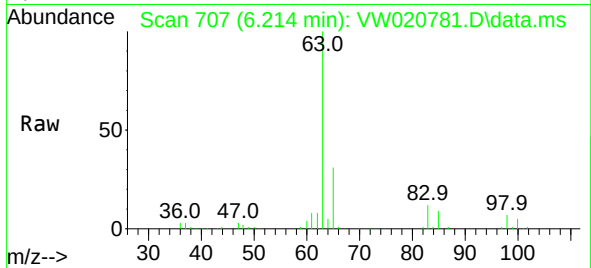




#19
1,1-Dichloroethane
Concen: 19.867 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

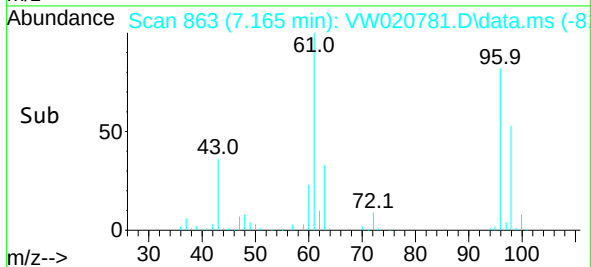
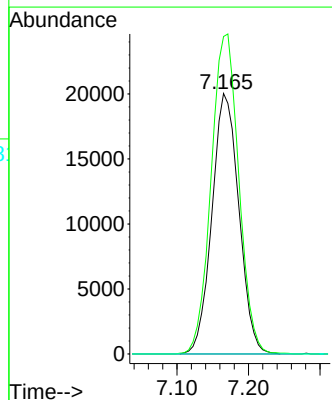
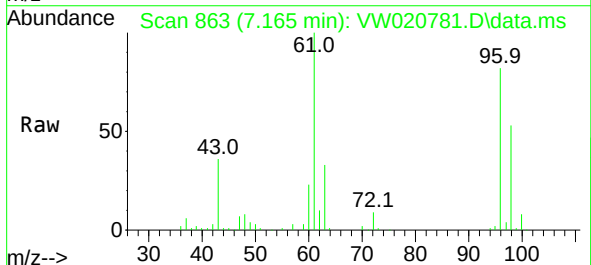
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

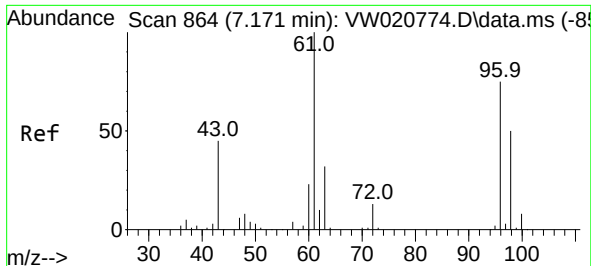
Tgt Ion: 63 Resp: 85611
Ion Ratio Lower Upper
63 100
65 31.1 22.1 41.1
83 12.4 9.2 17.2



#20
cis-1,2-Dichloroethene
Concen: 19.989 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 96 Resp: 52428
Ion Ratio Lower Upper
96 100
61 121.9 103.7 192.7
68 0.0 0.0 0.0

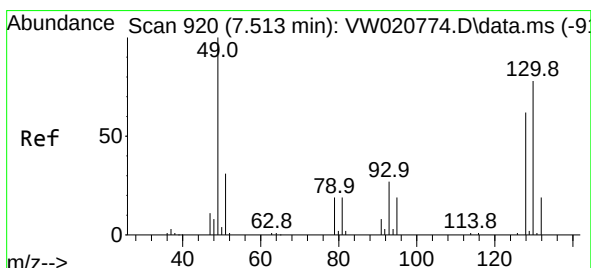
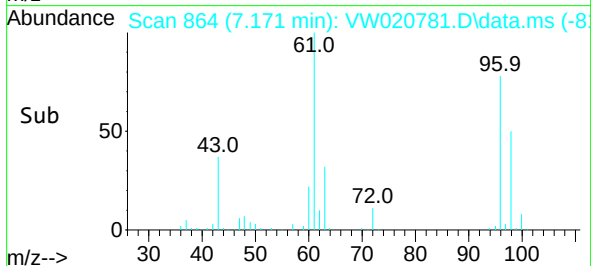
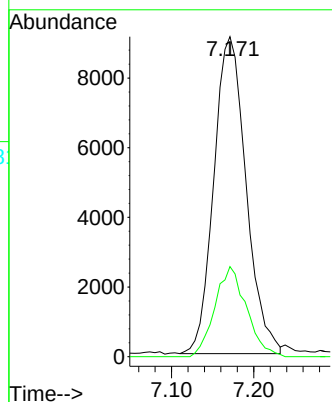
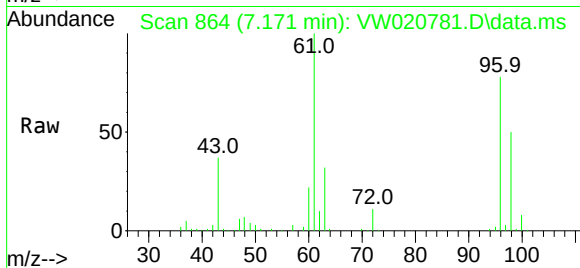




#22
2-Butanone
Concen: 35.219 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

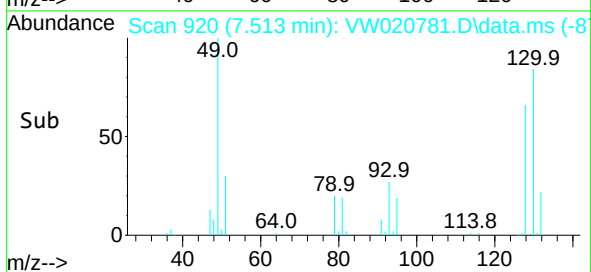
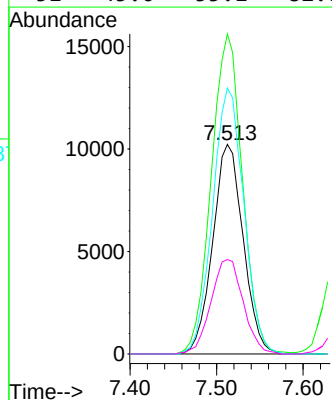
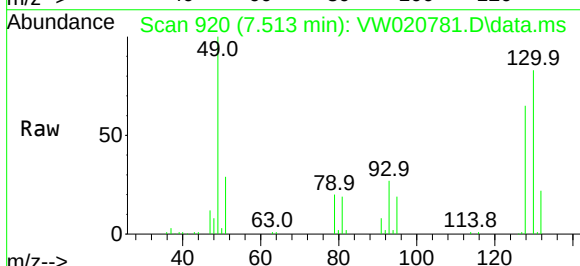
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

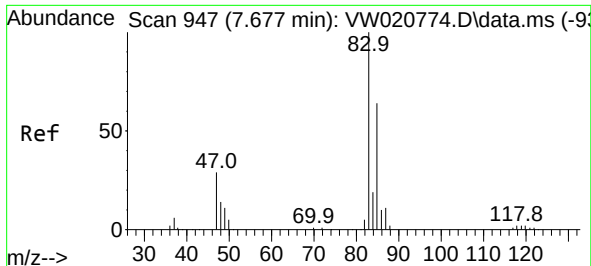
Tgt Ion: 43 Resp: 24822
Ion Ratio Lower Upper
43 100
72 27.8 11.8 35.4



#23
Bromochloromethane
Concen: 20.630 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 128 Resp: 24969
Ion Ratio Lower Upper
128 100
49 152.7 150.3 279.1
130 127.0 88.3 163.9
51 45.0 55.1 82.7#

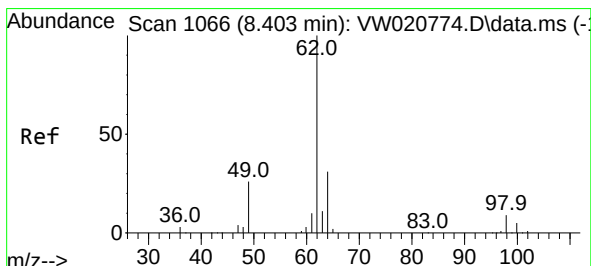
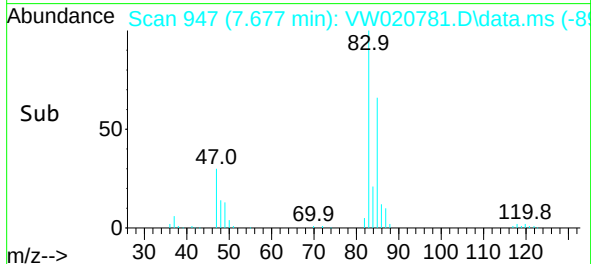
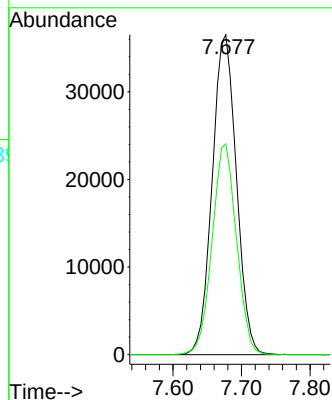
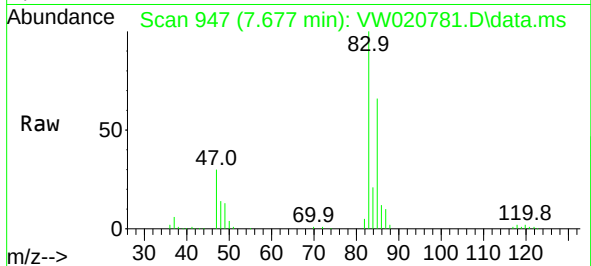




#25
Chloroform
Concen: 19.965 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

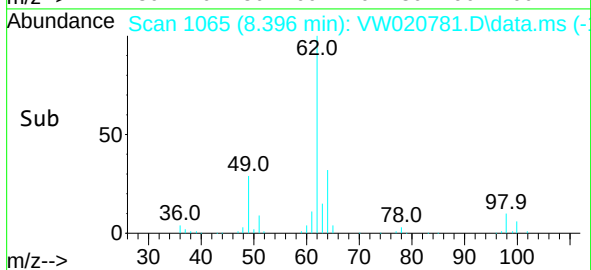
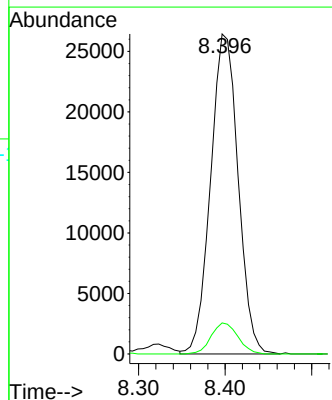
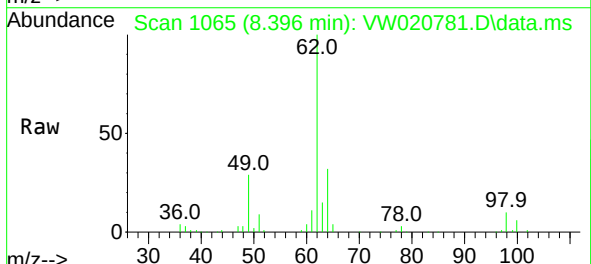
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

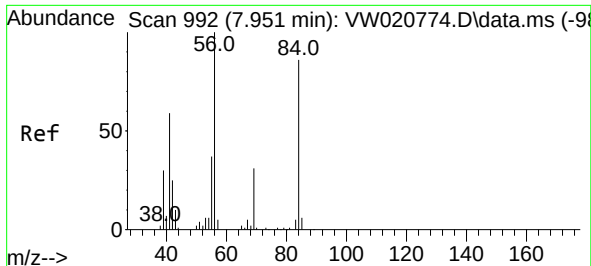
Tgt Ion: 83 Resp: 89567
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 20.103 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.007 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 62 Resp: 58381
Ion Ratio Lower Upper
62 100
98 9.7 6.5 9.7

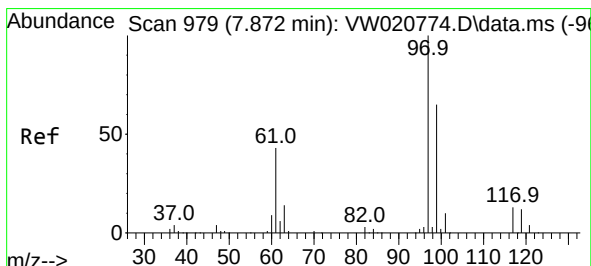
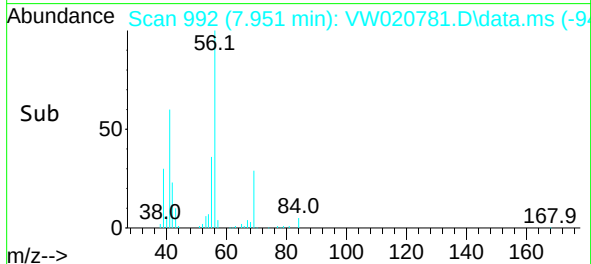
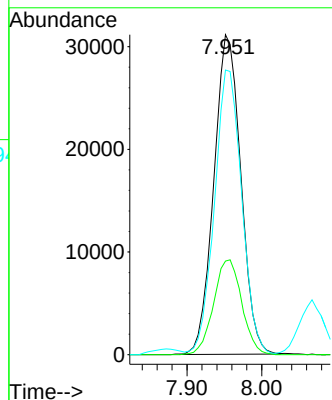
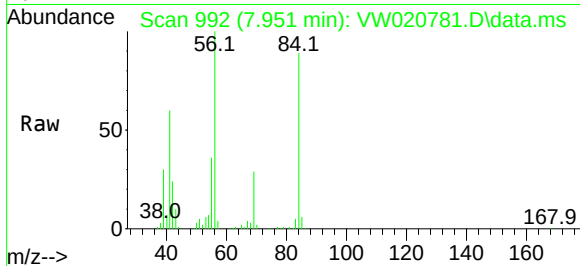




#29
Cyclohexane
Concen: 19.092 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

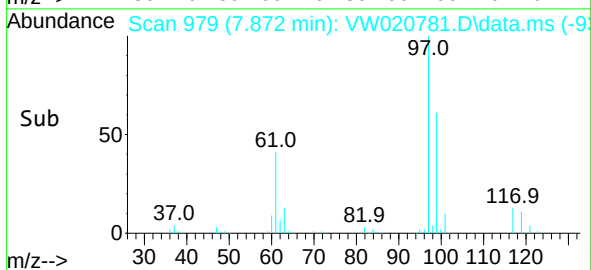
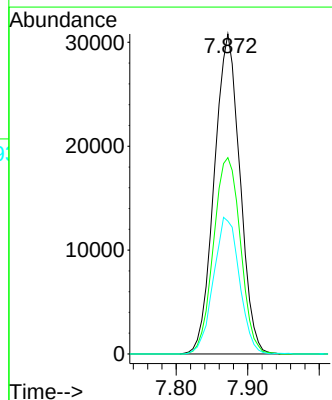
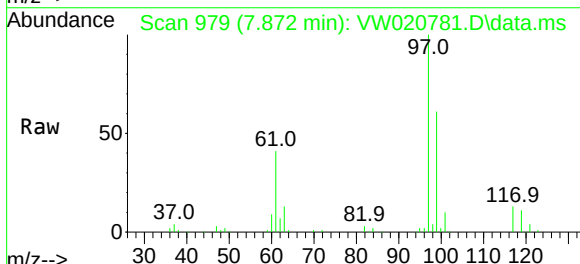
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

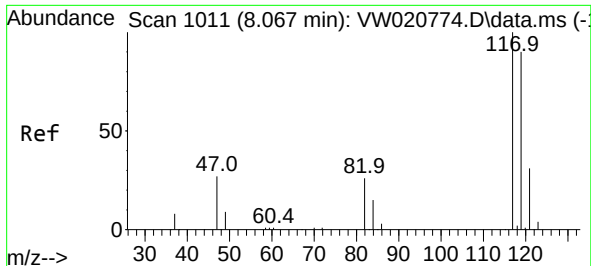
Tgt Ion: 56	Resp: 78281
Ion Ratio	Lower Upper
56 100	
69 30.9	23.5 35.3
84 89.9	63.4 95.2



#30
1,1,1-Trichloroethane
Concen: 20.559 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 97	Resp: 76779
Ion Ratio	Lower Upper
97 100	
99 64.4	51.6 77.4
61 43.2	40.9 61.3

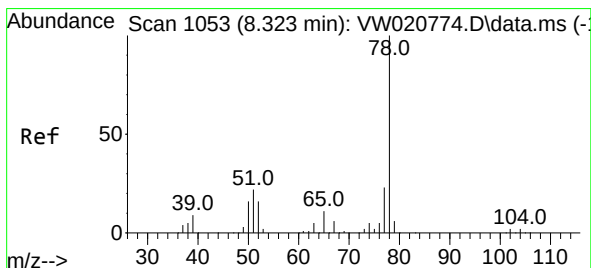
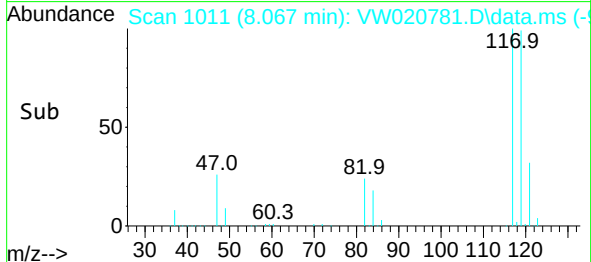
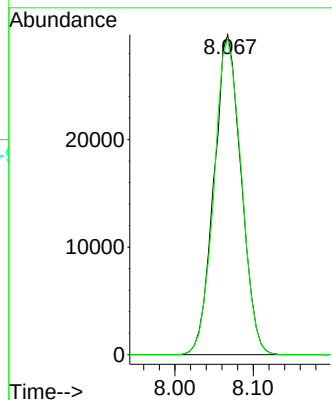
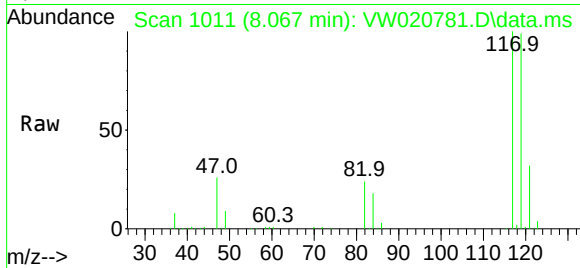




#31
Carbon tetrachloride
Concen: 20.165 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

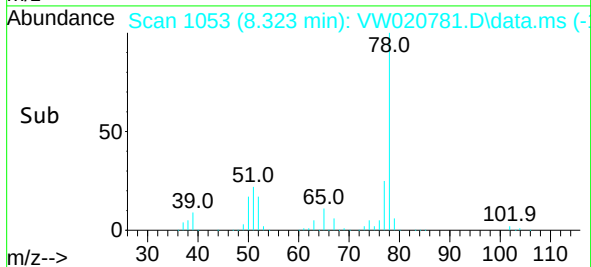
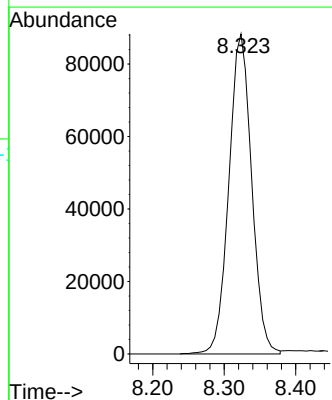
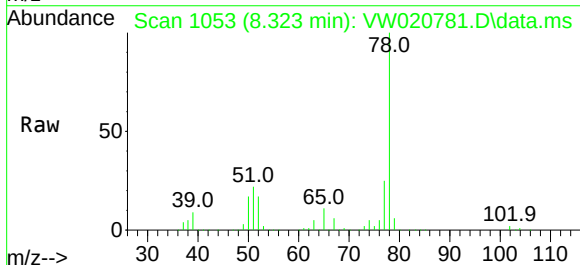
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

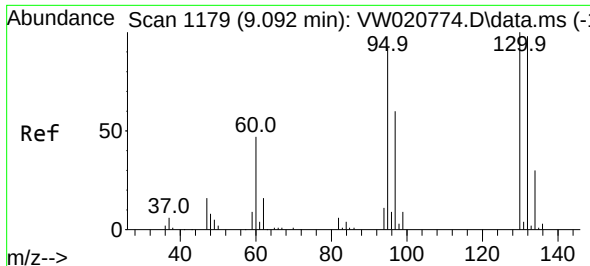
Tgt Ion:117 Resp: 71666
Ion Ratio Lower Upper
117 100
119 99.5 75.7 113.5



#33
Benzene
Concen: 20.773 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 78 Resp: 195514

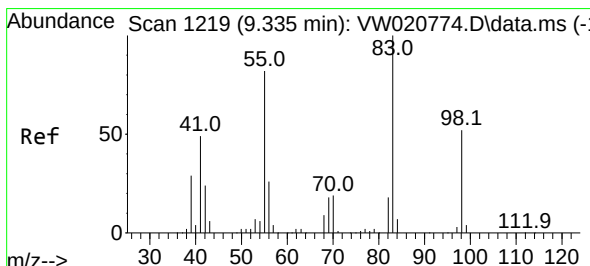
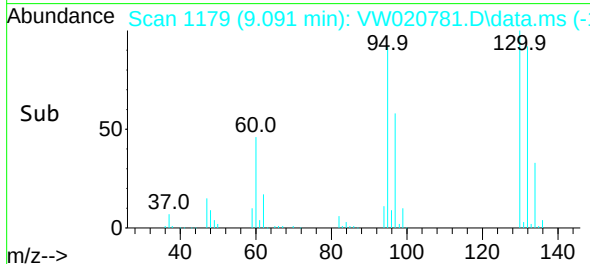
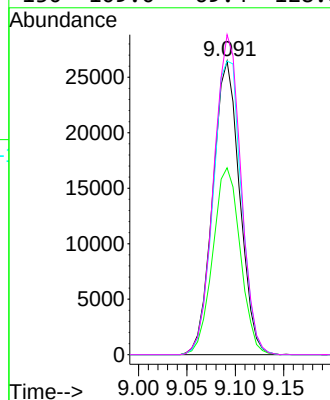
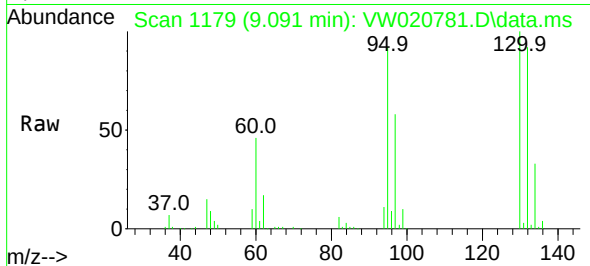




#34
Trichloroethene
Concen: 20.422 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

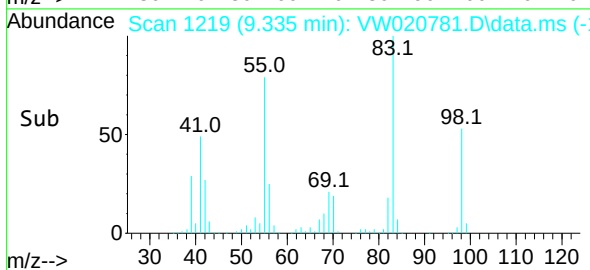
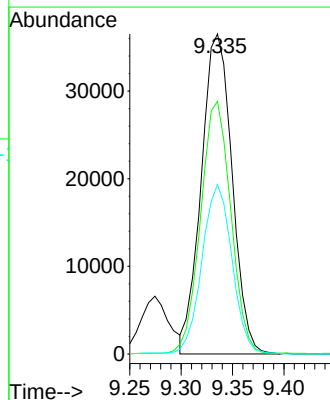
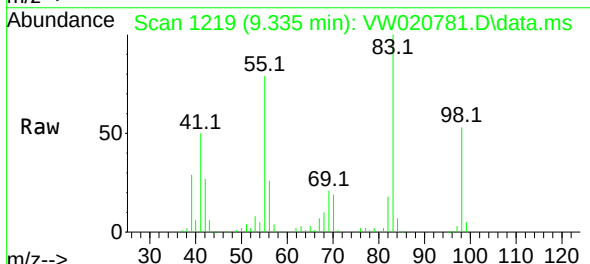
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

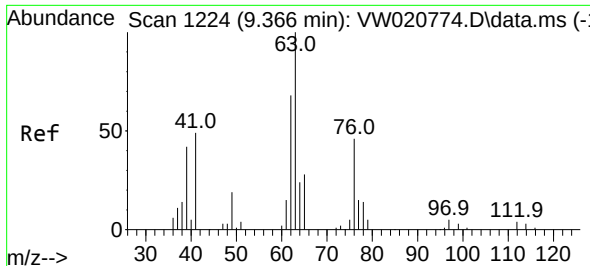
Tgt Ion:	95	Resp:	51162
Ion	Ratio	Lower	Upper
95	100		
97	63.7	47.0	87.2
132	100.0	65.5	121.6
130	109.0	69.4	128.8



#35
Methylcyclohexane
Concen: 17.419 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion:	83	Resp:	76154
Ion	Ratio	Lower	Upper
83	100		
55	77.7	70.8	106.2
98	52.0	37.7	56.5





#37

1,2-Dichloropropane

Concen: 20.986 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

Instrument :

MSVOA_W

ClientSampleId :

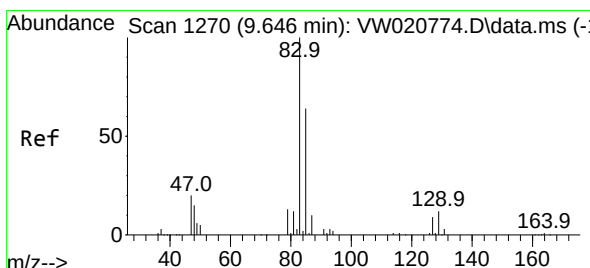
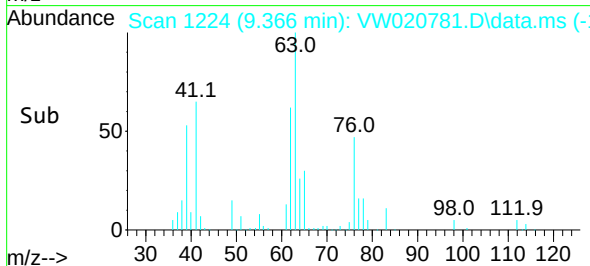
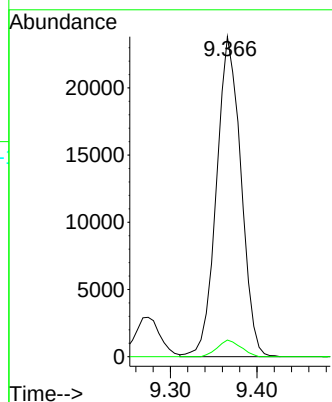
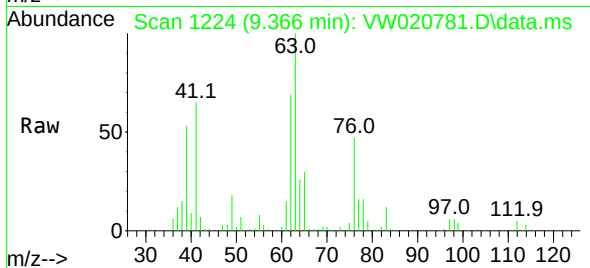
A4266MS

Tgt Ion: 63 Resp: 46764

Ion Ratio Lower Upper

63 100

112 5.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 21.240 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

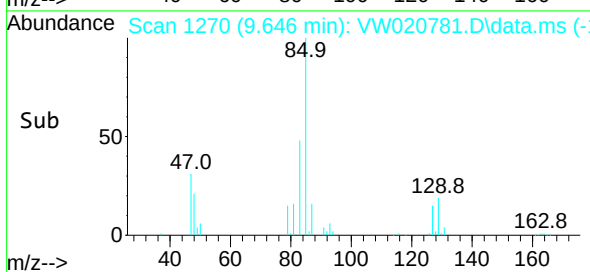
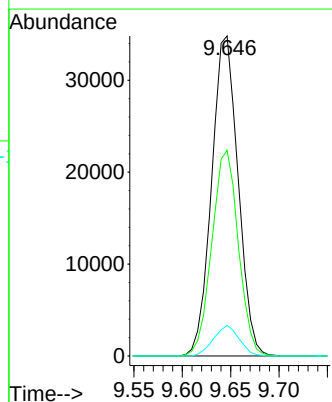
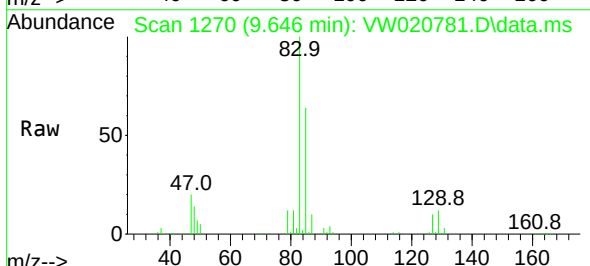
Tgt Ion: 83 Resp: 66254

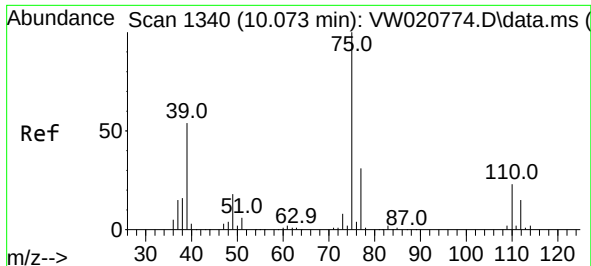
Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

127 9.5 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 20.148 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

Instrument :

MSVOA_W

ClientSampleId :

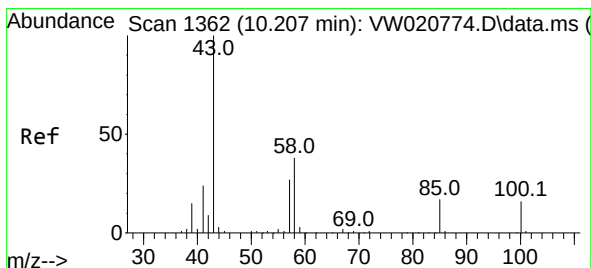
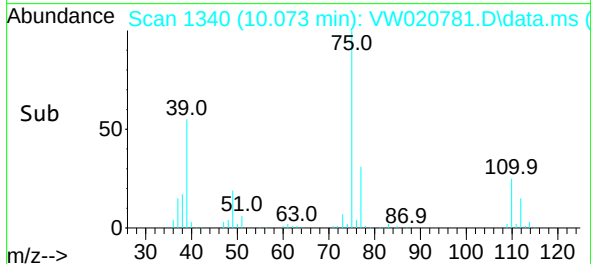
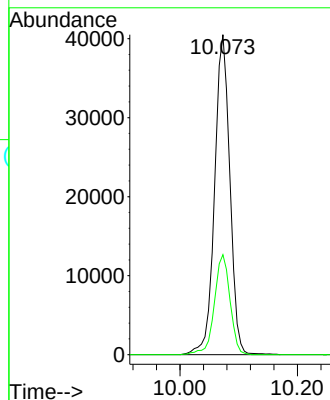
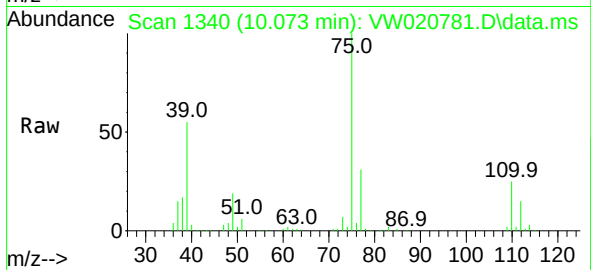
A4266MS

Tgt Ion: 75 Resp: 73069

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 39.509 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

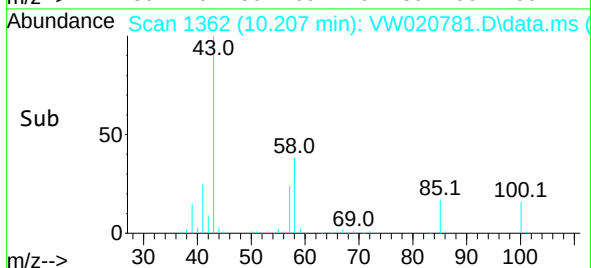
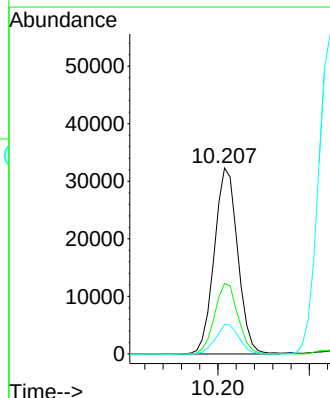
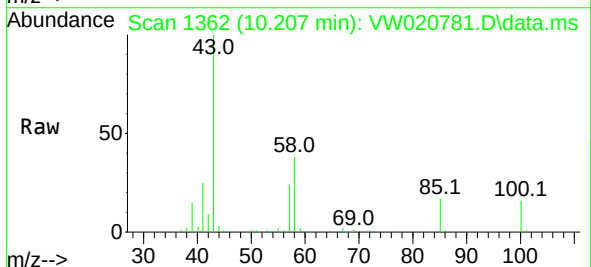
Tgt Ion: 43 Resp: 57539

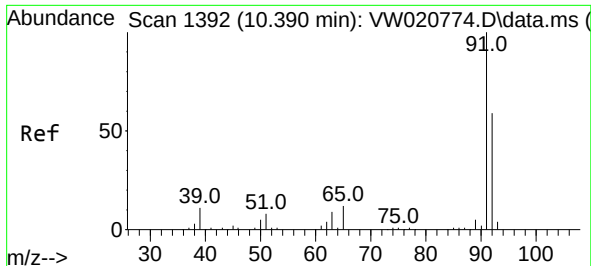
Ion Ratio Lower Upper

43 100

58 37.8 28.8 43.2

100 15.8 10.0 15.0#





#42

Toluene

Concen: 20.693 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

Instrument :

MSVOA_W

ClientSampleId :

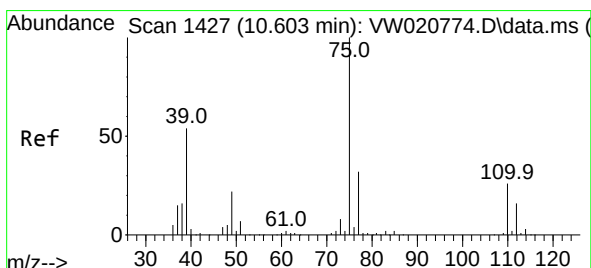
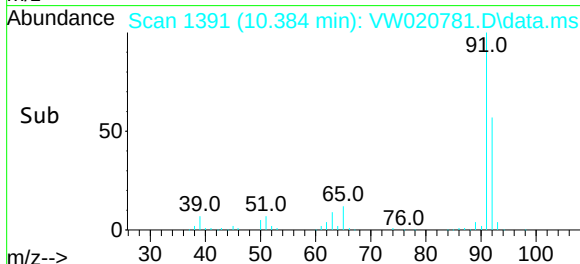
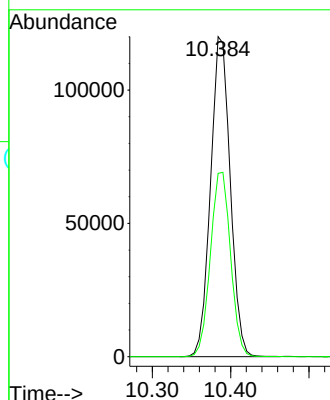
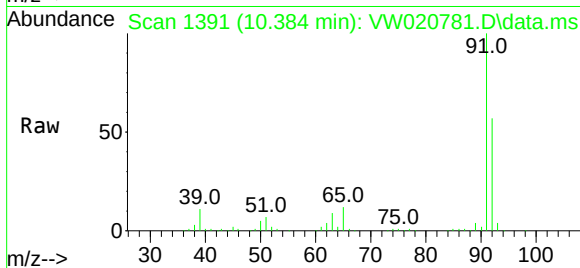
A4266MS

Tgt Ion: 91 Resp: 209437

Ion Ratio Lower Upper

91 100

92 57.3 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 19.769 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.001 min

Lab File: VW020781.D

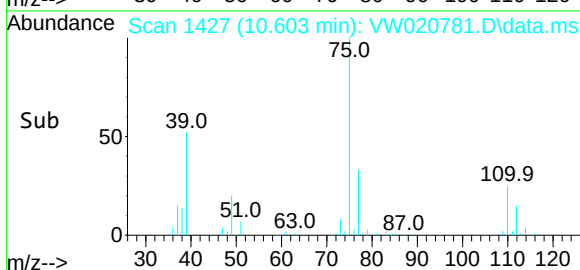
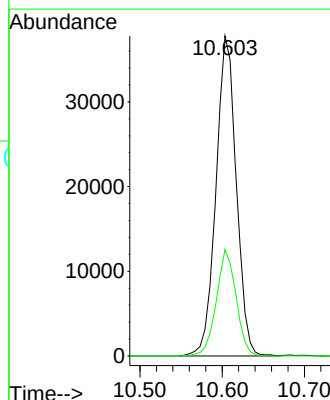
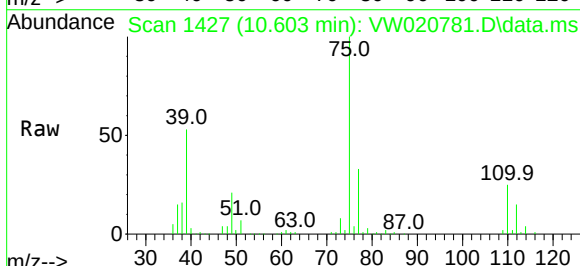
Acq: 05 Nov 2021 15:59

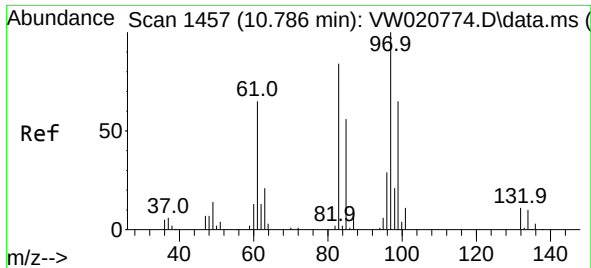
Tgt Ion: 75 Resp: 64851

Ion Ratio Lower Upper

75 100

77 33.3 22.2 41.2

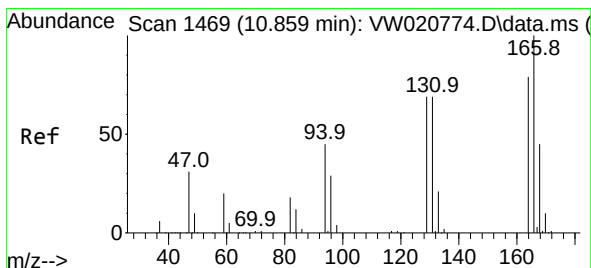
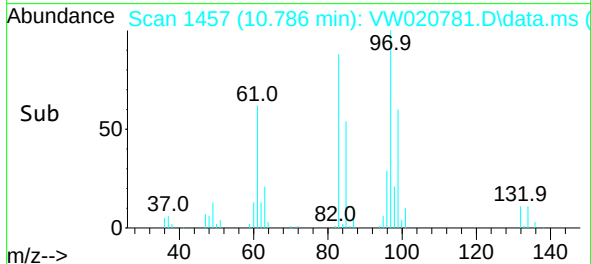
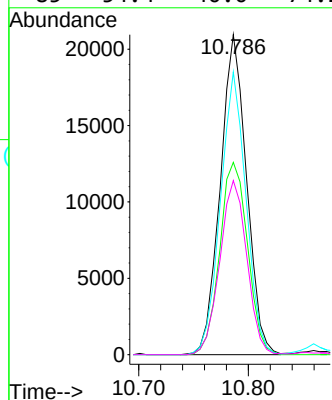
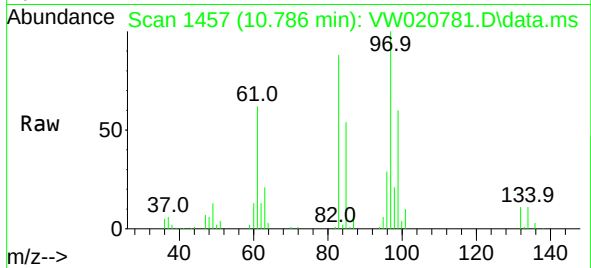




#45
1,1,2-Trichloroethane
Concen: 21.119 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

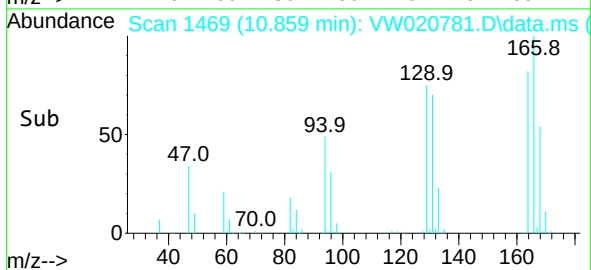
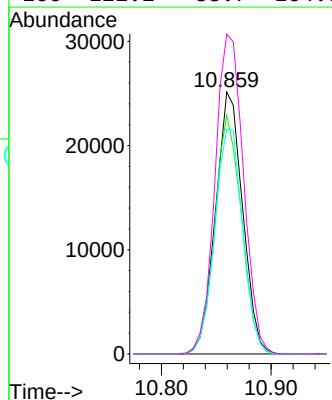
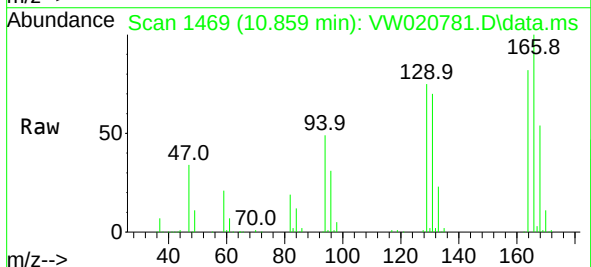
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

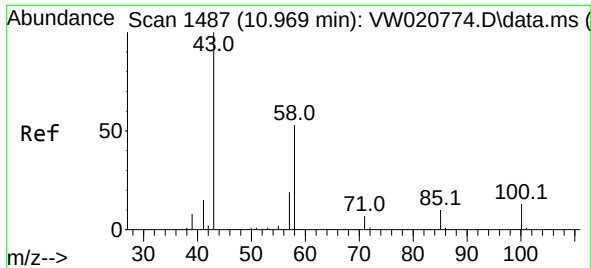
Tgt Ion: 97	Resp: 34926
Ion Ratio	Lower Upper
97 100	
99 60.1	43.0 79.8
83 88.4	62.6 116.3
85 54.4	40.0 74.2



#46
Tetrachloroethene
Concen: 19.223 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt	Ion:164	Resp:	43197
Ion	Ratio	Lower	Upper
164	100		
129	91.2	65.5	121.7
131	85.8	59.7	110.9
166	122.2	88.7	164.7

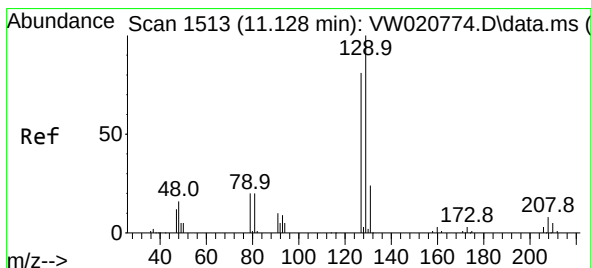
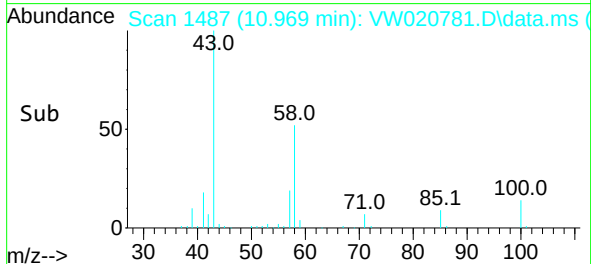
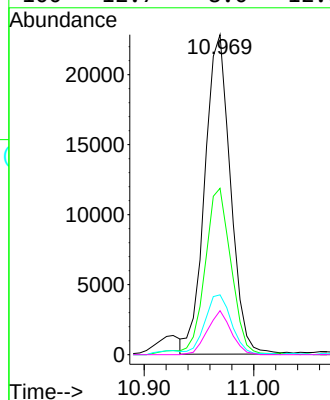
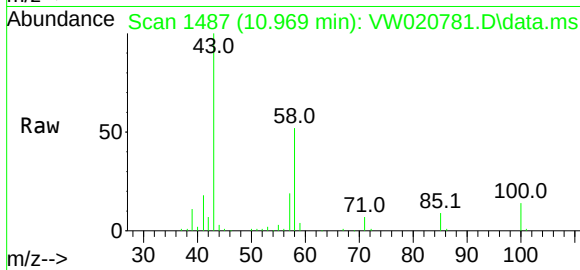




#48
2-Hexanone
Concen: 34.903 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

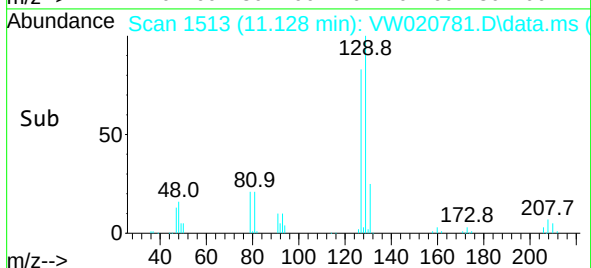
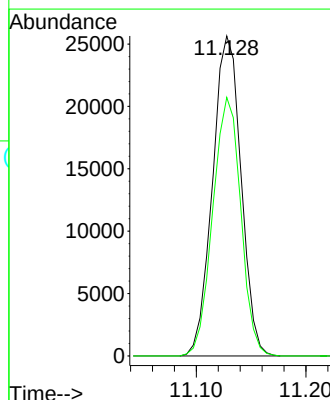
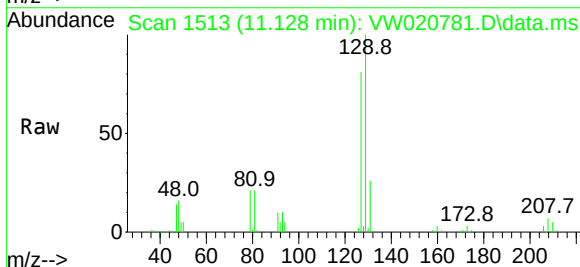
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

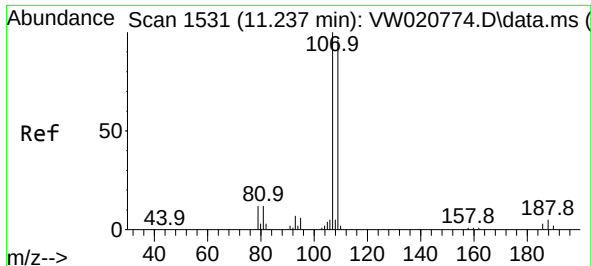
Tgt Ion: 43	Resp: 37117
Ion Ratio	Lower Upper
43 100	
58 52.5	40.2 60.2
57 19.7	14.3 21.5
100 12.7	8.0 12.0#



#49
Dibromochloromethane
Concen: 20.541 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion:129	Resp:	46389	
Ion	Ratio	Lower	Upper
129	100		
127	80.8	55.7	103.5





#50

1,2-Dibromoethane

Concen: 20.948 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

Instrument :

MSVOA_W

ClientSampleId :

A4266MS

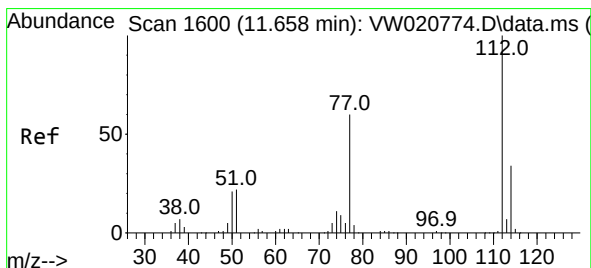
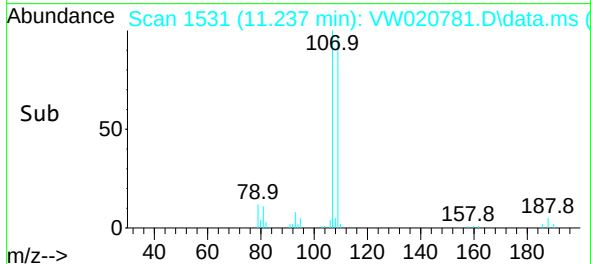
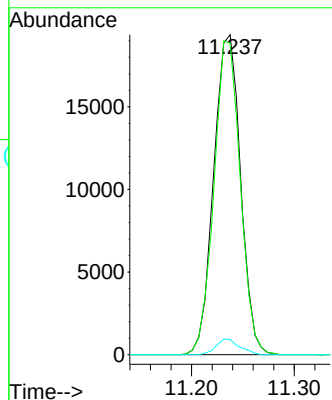
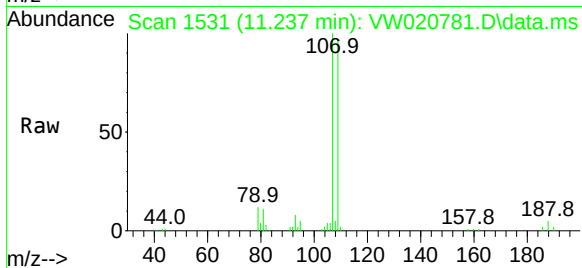
Tgt Ion:107 Resp: 35127

Ion Ratio Lower Upper

107 100

109 97.3 64.1 119.1

188 4.8 2.6 3.8#



#51

Chlorobenzene

Concen: 20.020 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

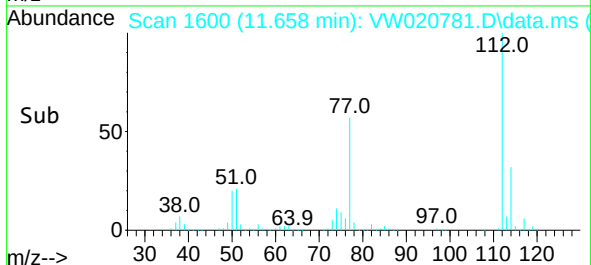
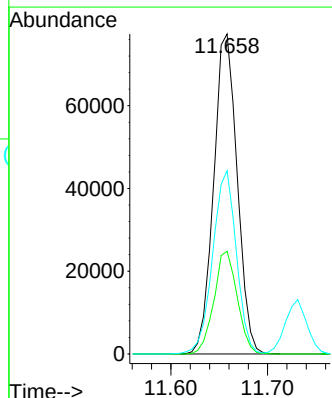
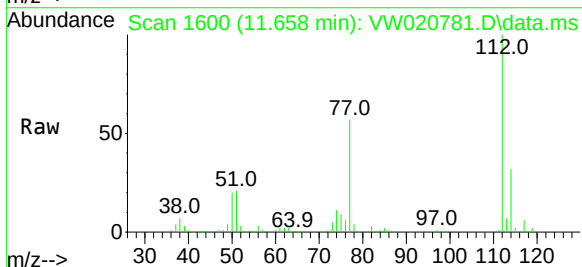
Tgt Ion:112 Resp: 130694

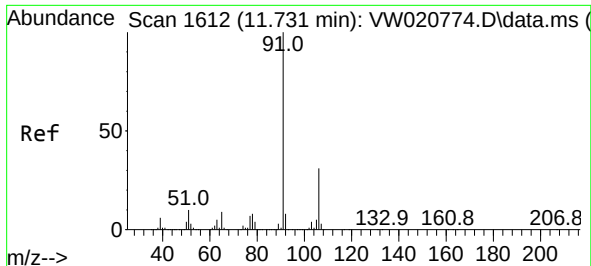
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 57.2 50.2 75.4

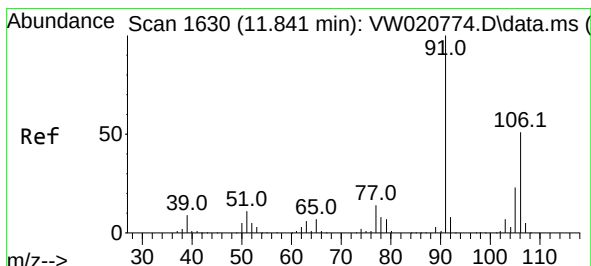
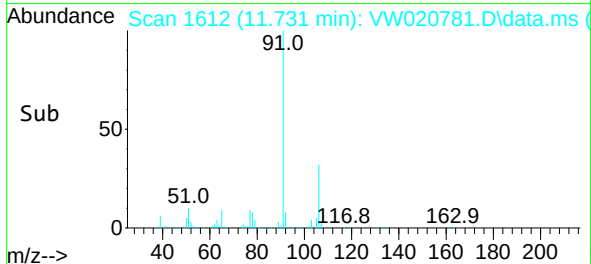
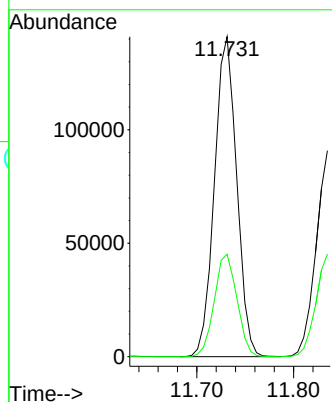
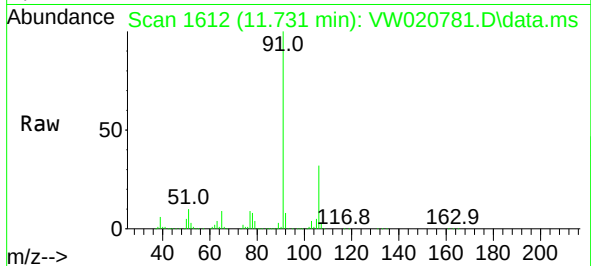




#52
Ethylbenzene
Concen: 19.848 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

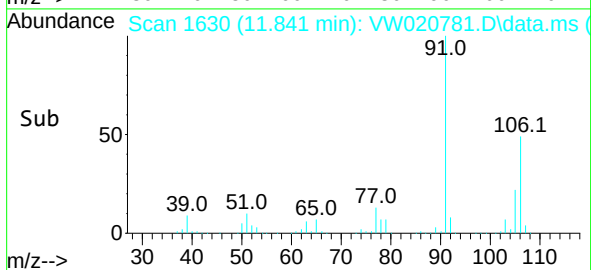
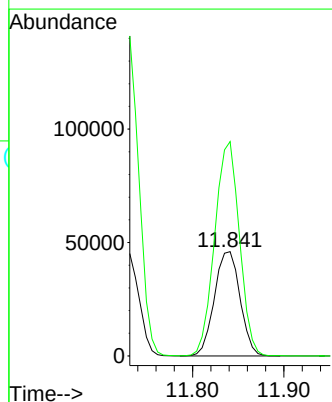
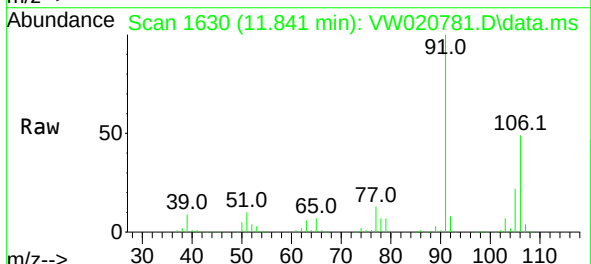
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

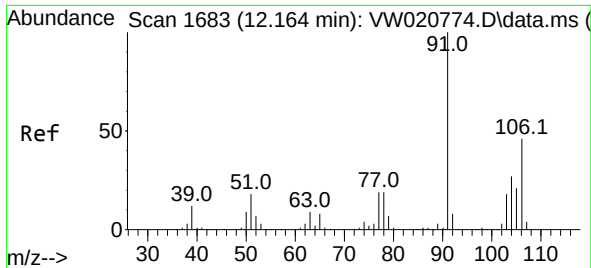
Tgt Ion: 91 Resp: 225073
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 19.756 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 106 Resp: 89757
Ion Ratio Lower Upper
106 100
91 205.3 149.9 278.3

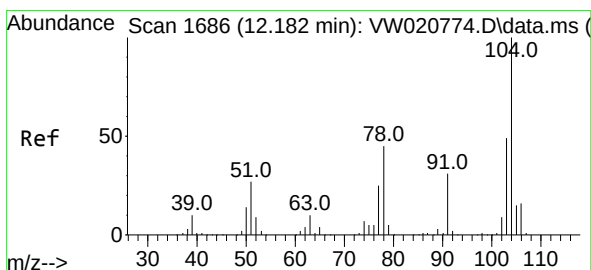
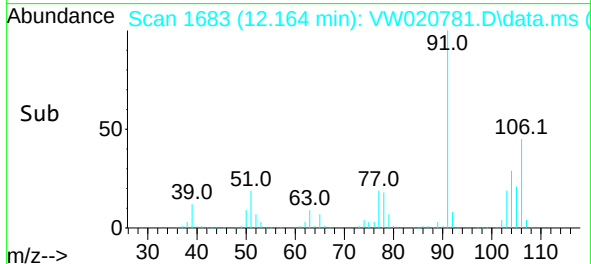
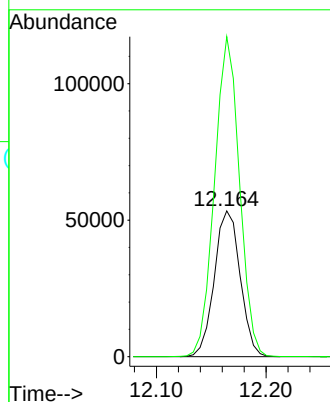
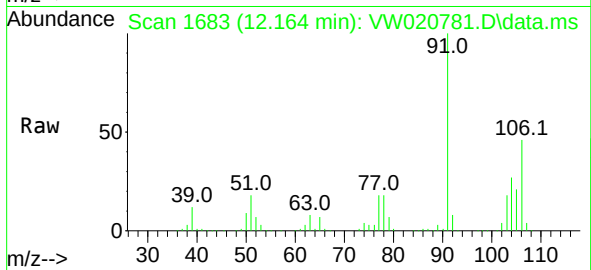




#54
o-Xylene
Concen: 20.330 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

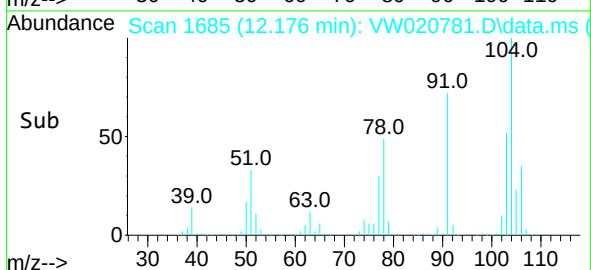
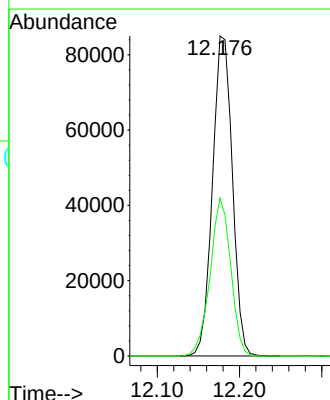
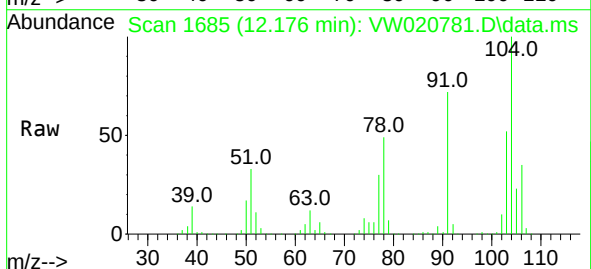
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

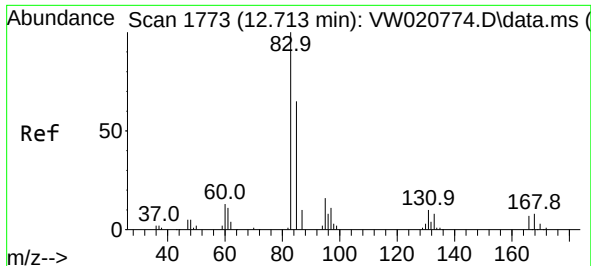
Tgt Ion:106 Resp: 87495
Ion Ratio Lower Upper
106 100
91 219.5 153.6 285.3



#55
Styrene
Concen: 19.511 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion:104 Resp: 142757
Ion Ratio Lower Upper
104 100
78 49.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.308 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

Instrument :

MSVOA_W

ClientSampleId :

A4266MS

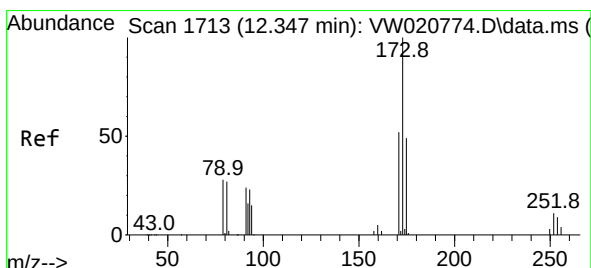
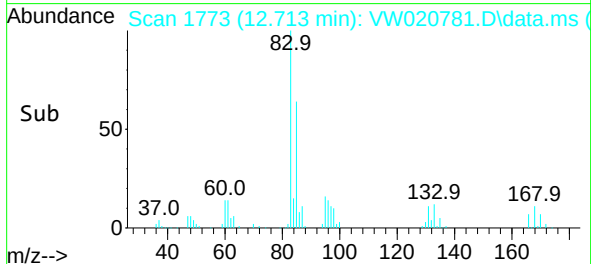
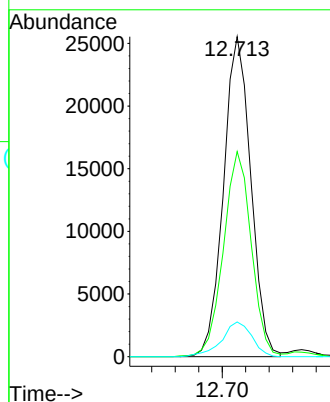
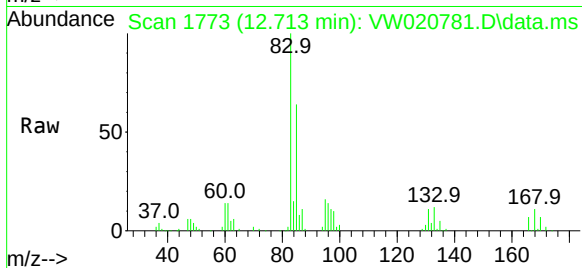
Tgt Ion: 83 Resp: 41299

Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.6

131 10.9 6.9 10.3#



#59

Bromoform

Concen: 23.293 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

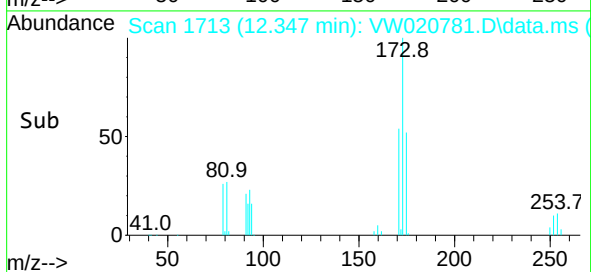
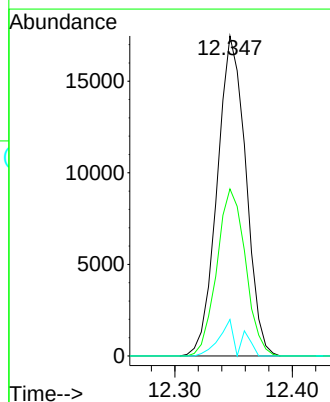
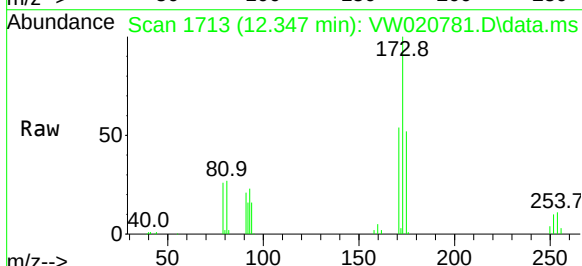
Tgt Ion:173 Resp: 29586

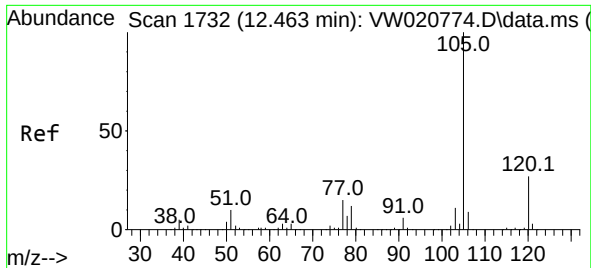
Ion Ratio Lower Upper

173 100

175 52.2 39.6 59.4

254 5.5 7.4 11.0#

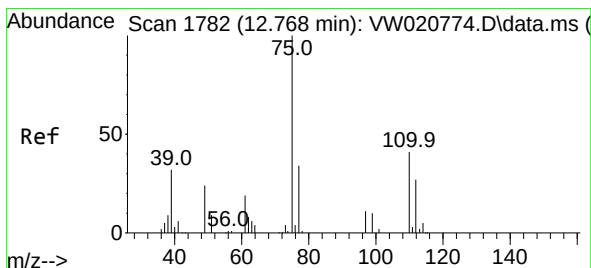
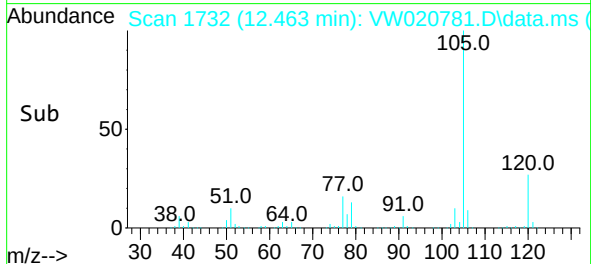
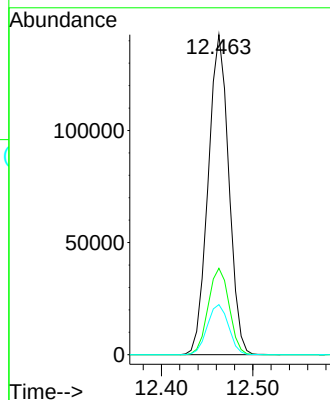
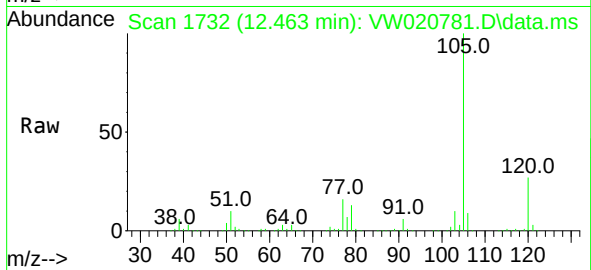




#60
Isopropylbenzene
Concen: 21.614 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

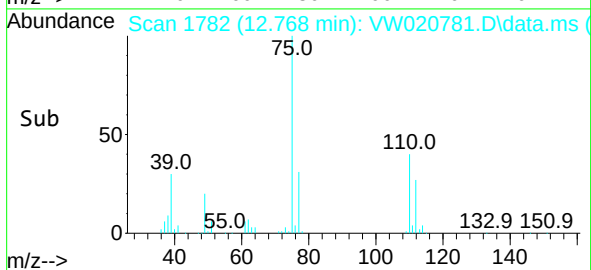
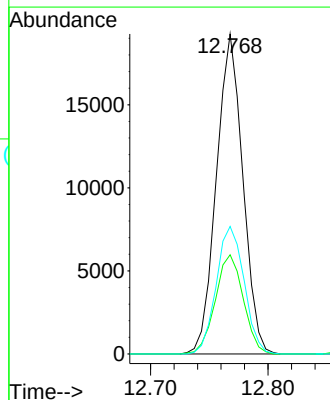
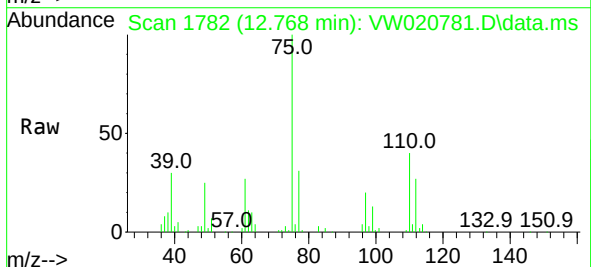
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

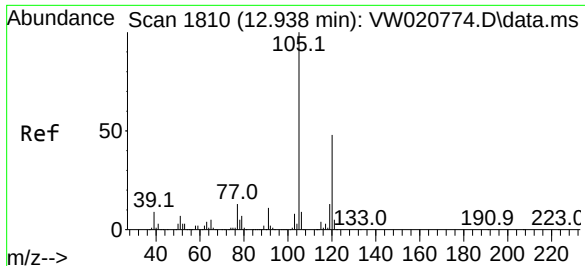
Tgt Ion:105 Resp: 223703
Ion Ratio Lower Upper
105 100
120 27.4 20.1 30.1
77 16.2 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 24.265 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion: 75 Resp: 30112
Ion Ratio Lower Upper
75 100
77 32.8 25.8 38.8
110 42.0 29.0 43.4

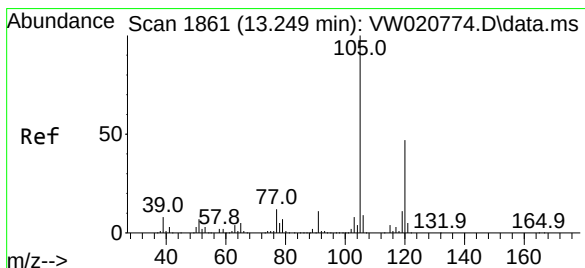
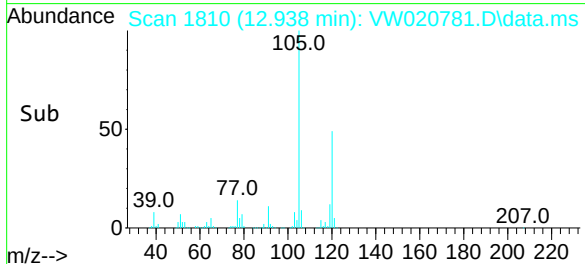
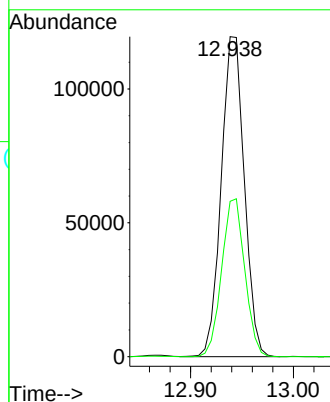
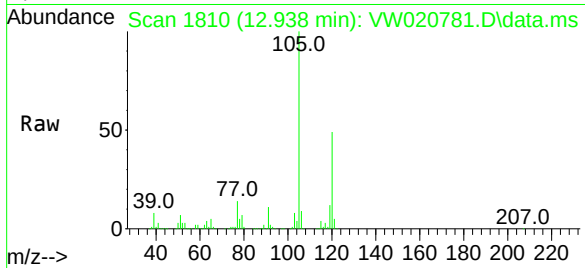




#62
 1,3,5-Trimethylbenzene
 Concen: 20.979 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.006 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

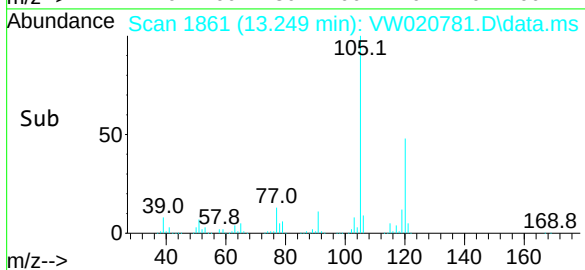
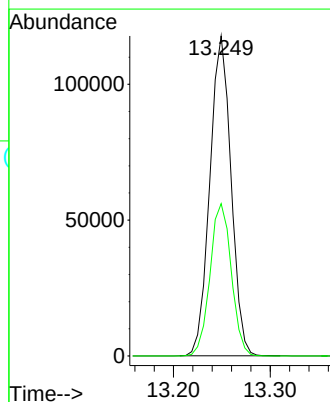
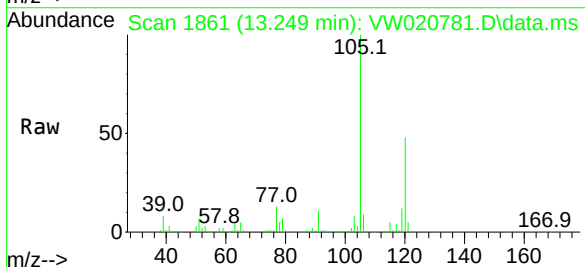
Instrument :
 MSVOA_W
 ClientSampleId :
 A4266MS

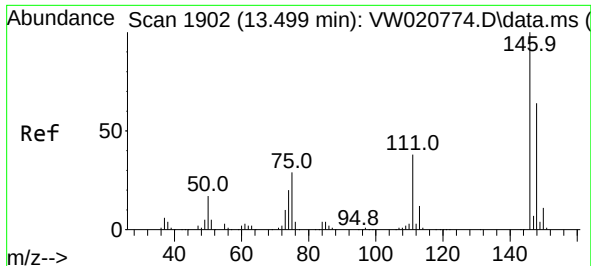
Tgt Ion:105 Resp: 186582
 Ion Ratio Lower Upper
 105 100
 120 49.3 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 20.317 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

Tgt Ion:105 Resp: 179498
 Ion Ratio Lower Upper
 105 100
 120 47.8 35.0 52.6

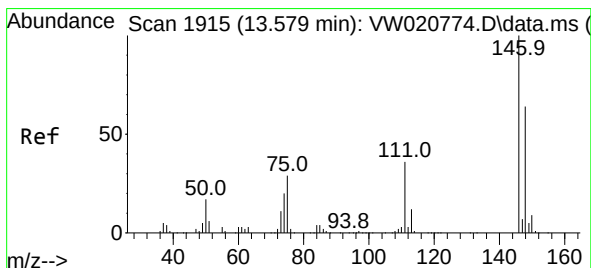
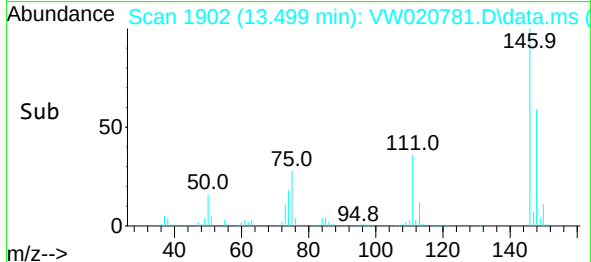
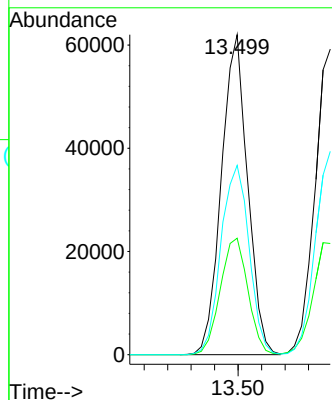
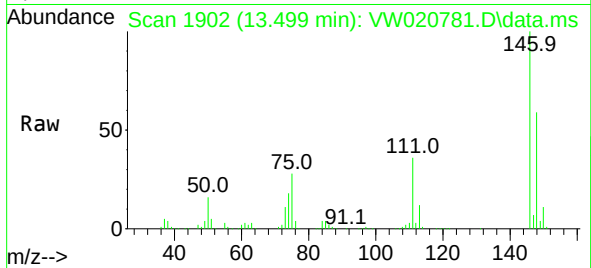




#64
1,3-Dichlorobenzene
Concen: 20.011 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

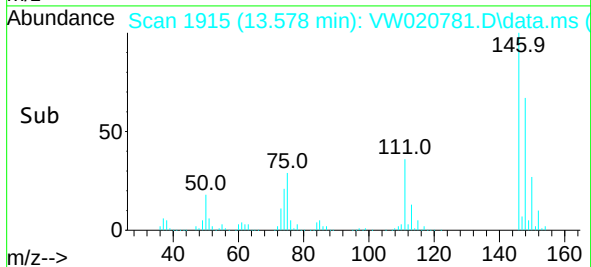
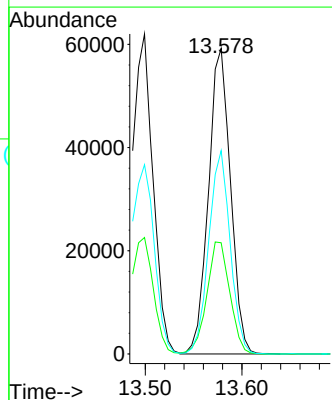
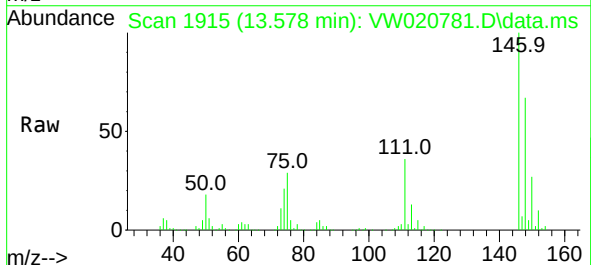
Instrument :
MSVOA_W
ClientSampleId :
A4266MS

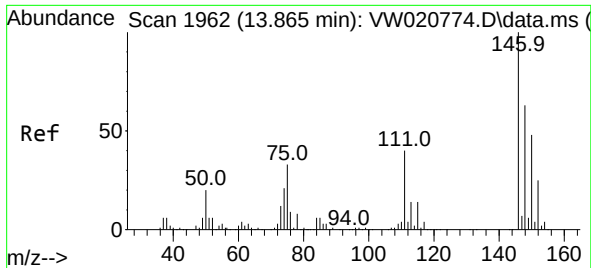
Tgt Ion:146 Resp: 96027
Ion Ratio Lower Upper
146 100
111 36.4 29.8 55.3
148 59.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 19.645 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion:146 Resp: 93910
Ion Ratio Lower Upper
146 100
111 36.4 29.0 53.9
148 66.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 20.007 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

Instrument :

MSVOA_W

ClientSampleId :

A4266MS

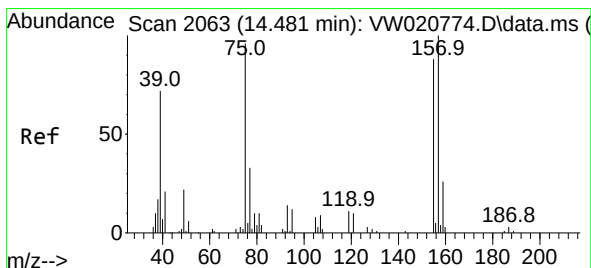
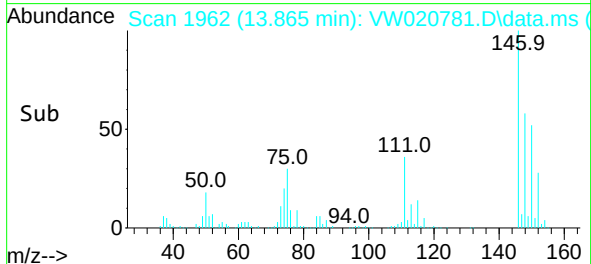
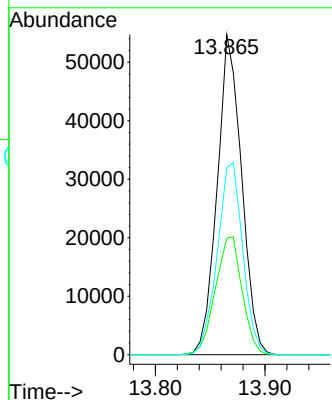
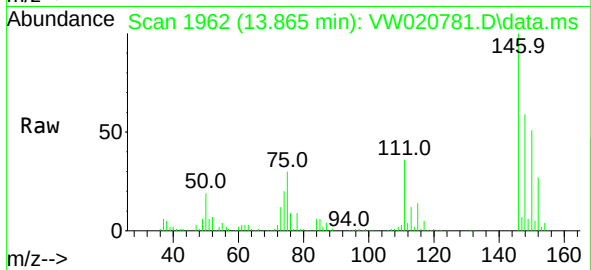
Tgt Ion:146 Resp: 84809

Ion Ratio Lower Upper

146 100

111 36.4 33.1 49.7

148 58.5 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.211 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020781.D

Acq: 05 Nov 2021 15:59

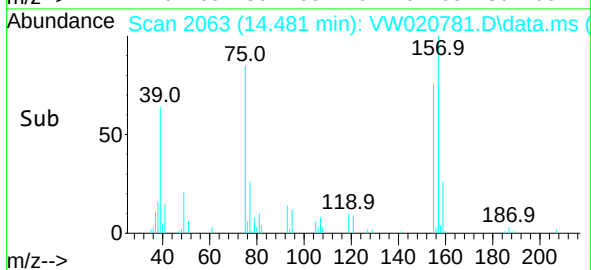
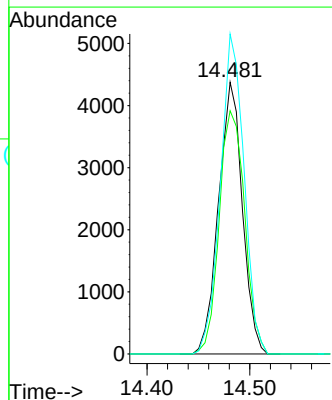
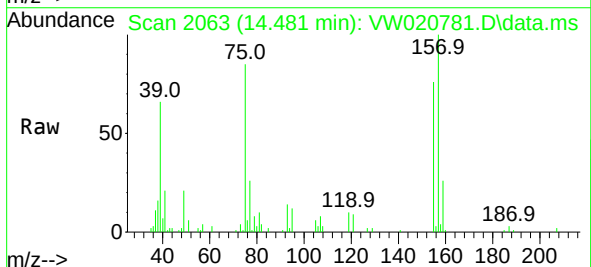
Tgt Ion: 75 Resp: 7041

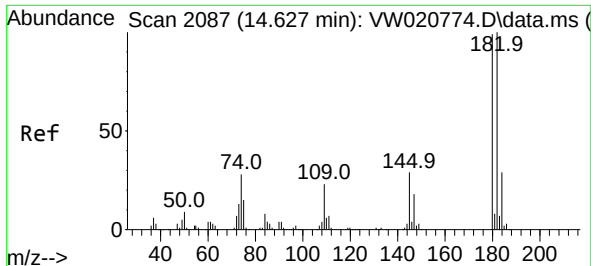
Ion Ratio Lower Upper

75 100

155 89.5 54.2 81.2#

157 117.8 69.4 104.2#

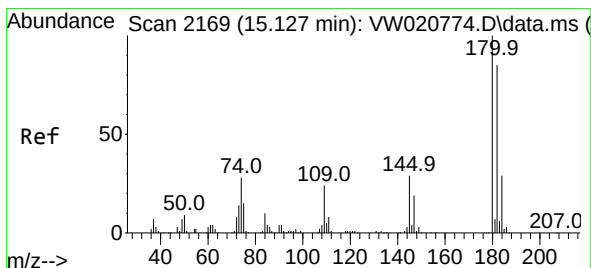
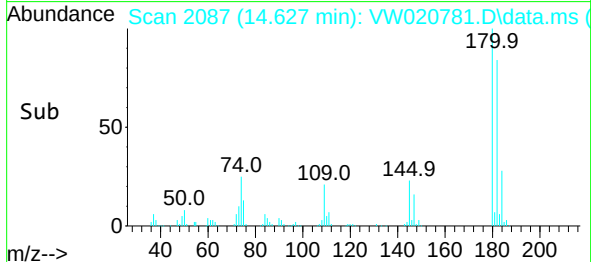
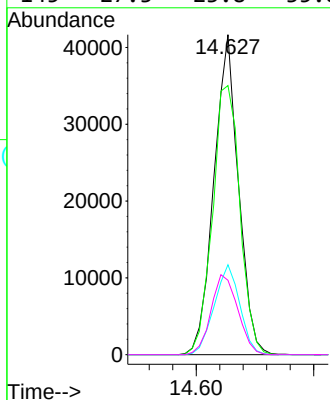
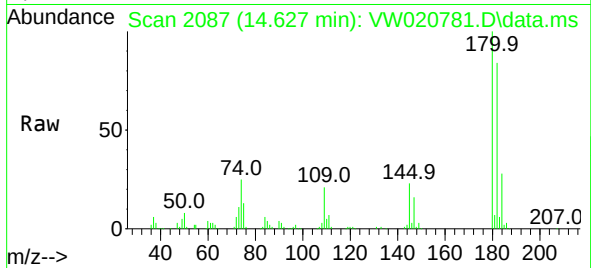




#69
 1,3,5-Trichlorobenzene
 Concen: 15.871 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

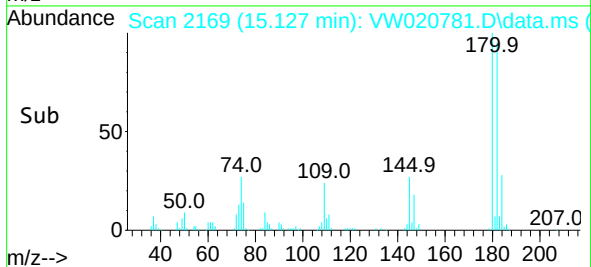
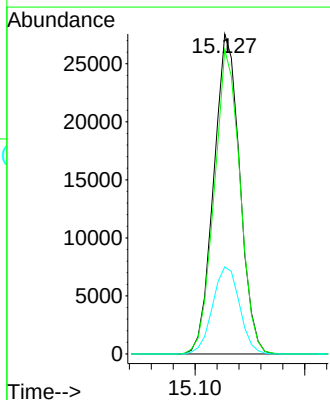
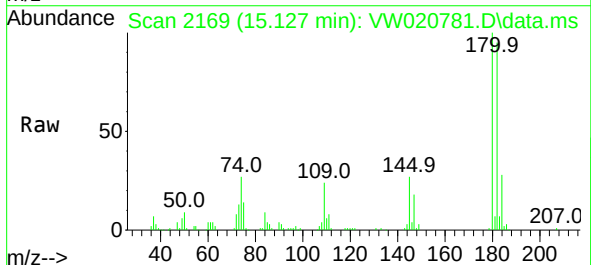
Instrument :
 MSVOA_W
 ClientSampleId :
 A4266MS

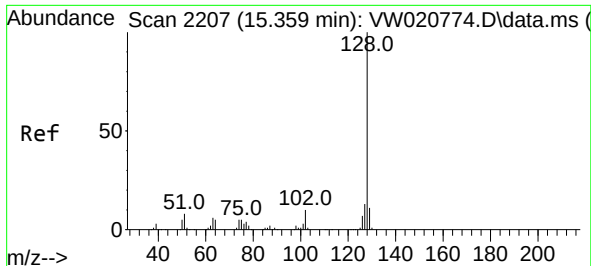
Tgt Ion:180	Resp:	60452
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.4 113.0
184	29.2	23.8 35.8
145	27.3	23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 14.299 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW020781.D
 Acq: 05 Nov 2021 15:59

Tgt Ion:180	Resp:	45403
Ion Ratio	Lower	Upper
180	100	
182	94.3	79.0 118.6
145	28.2	26.0 39.0

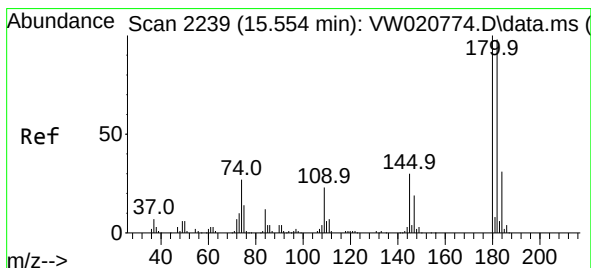
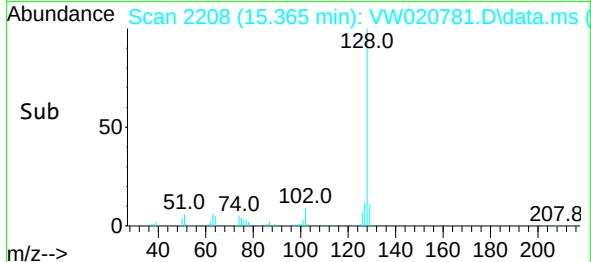
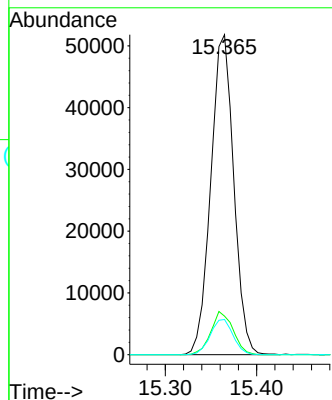
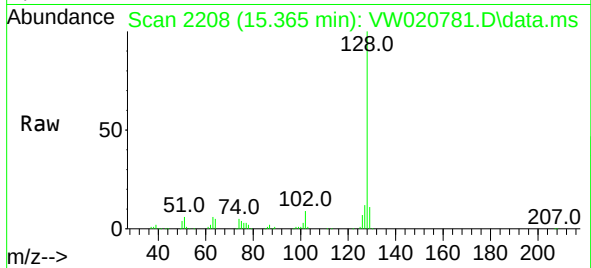




#71
Naphthalene
Concen: 16.819 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Instrument :
MSVOA_W
ClientSampleId :
A4266MS

Tgt Ion:128 Resp: 90271
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.0 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 13.060 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020781.D
Acq: 05 Nov 2021 15:59

Tgt Ion:180 Resp: 35242
Ion Ratio Lower Upper
180 100
182 96.5 76.6 114.8
145 31.1 27.4 41.0

