

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021381.D
 Acq On : 15 Dec 2021 10:19
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 00:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 15 00:46:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	96812	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	93108	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	57635	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41715	23.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.640%
7) Chloroethane-d5	2.885	69	32951	28.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.080%
11) 1,1-Dichloroethene-d2	4.019	63	56170	23.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.600%
21) 2-Butanone-d5	7.074	46	12138	48.837	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.680%
24) Chloroform-d	7.647	84	65364	24.227	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.920%
26) 1,2-Dichloroethane-d4	8.305	65	33976	23.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.275	84	125458	24.582	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.320%
36) 1,2-Dichloropropane-d6	9.274	67	33693	24.616	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.480%
41) Toluene-d8	10.323	98	125448	24.057	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.240%
43) trans-1,3-Dichloroprop...	10.579	79	15694	24.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.600%
47) 2-Hexanone-d5	10.921	63	10141	50.105	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30206	25.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	49649	22.227	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.920%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9424	25.194	ug/L	91
3) Chloromethane	2.221	50	26522	21.417	ug/L	100
5) Vinyl chloride	2.361	62	47869	24.623	ug/L	98
6) Bromomethane	2.782	94	33524	26.586	ug/L	99
8) Chloroethane	2.922	64	25928	28.950	ug/L	98
9) Trichlorofluoromethane	3.263	101	27297	26.611	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	33768	25.260	ug/L	# 80
12) 1,1-Dichloroethene	4.044	96	29466	24.555	ug/L	74
13) Acetone	4.123	43	7980	35.815	ug/L	92
14) Carbon disulfide	4.385	76	80656	26.026	ug/L	98
15) Methyl Acetate	4.672	43	8924	23.213	ug/L	# 79
16) Methylene chloride	4.922	84	30425	19.020	ug/L	78
17) trans-1,2-Dichloroethene	5.422	96	31259	24.058	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	39861	22.213	ug/L	93
19) 1,1-Dichloroethane	6.220	63	49107	24.085	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	32962	24.052	ug/L	68
22) 2-Butanone	7.165	43	12239	42.062	ug/L	82
23) Bromochloromethane	7.513	128	15719	24.530	ug/L	# 65
25) Chloroform	7.677	83	57385	24.245	ug/L	99

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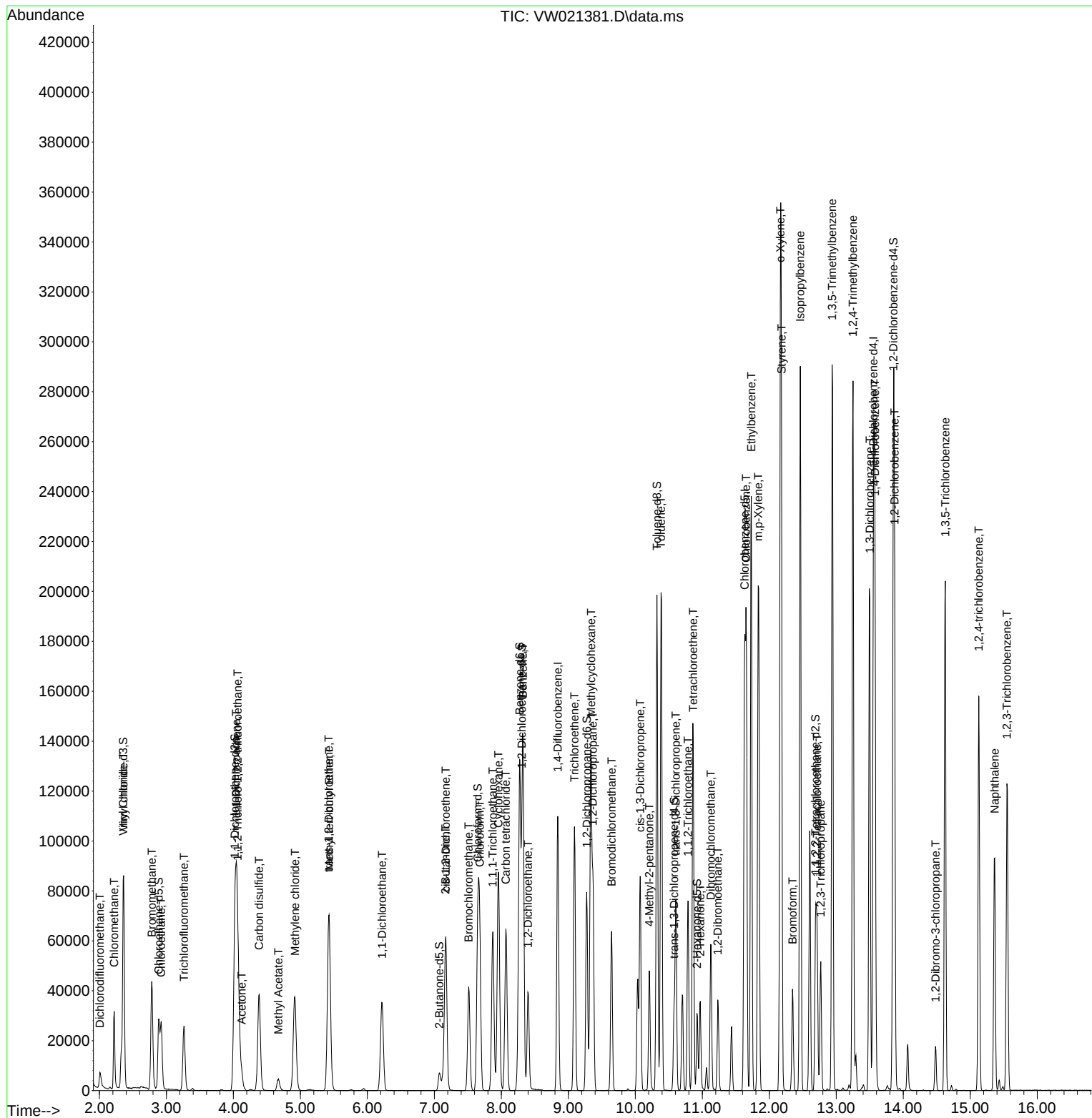
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	36039	24.044	ug/L	96
29) Cyclohexane	7.958	56	43562	23.506	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	51630	24.714	ug/L	94
31) Carbon tetrachloride	8.067	117	48996	25.424	ug/L	98
33) Benzene	8.323	78	122238	24.100	ug/L	100
34) Trichloroethene	9.092	95	34096	23.947	ug/L	90
35) Methylcyclohexane	9.342	83	56106	23.888	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	27626	24.418	ug/L #	96
38) Bromodichloromethane	9.646	83	41158	26.459	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	44132	24.746	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	28837	46.779	ug/L #	94
42) Toluene	10.384	91	148868	25.096	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	39252	25.128	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	22949	24.783	ug/L	93
46) Tetrachloroethene	10.866	164	33315	24.631	ug/L	93
48) 2-Hexanone	10.969	43	21995	49.201	ug/L #	95
49) Dibromochloromethane	11.128	129	30232	26.483	ug/L	96
50) 1,2-Dibromoethane	11.231	107	22275	24.172	ug/L	97
51) Chlorobenzene	11.652	112	96997	24.423	ug/L	90
52) Ethylbenzene	11.731	91	165448	24.407	ug/L	94
53) m,p-Xylene	11.835	106	68725	25.131	ug/L	83
54) o-Xylene	12.164	106	64615	24.897	ug/L	98
55) Styrene	12.182	104	112131	25.386	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	27270	25.690	ug/L #	99
59) Bromoform	12.347	173	17934	26.152	ug/L	97
60) Isopropylbenzene	12.463	105	182412	23.292	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	19631	23.403	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	152445	22.875	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	150630	22.913	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	85804	23.228	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	88807	24.198	ug/L	86
67) 1,2-Dichlorobenzene	13.871	146	78574	24.161	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4097	23.680	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	61919	22.427	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	50973	22.954	ug/L	94
71) Naphthalene	15.365	128	83579	23.166	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	41039	22.362	ug/L	93

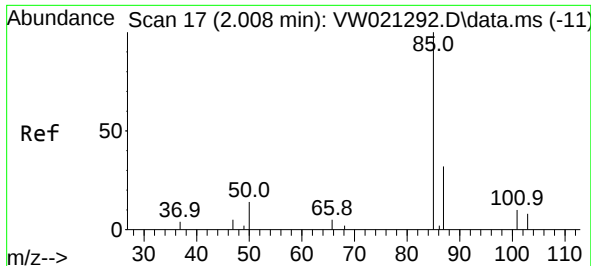
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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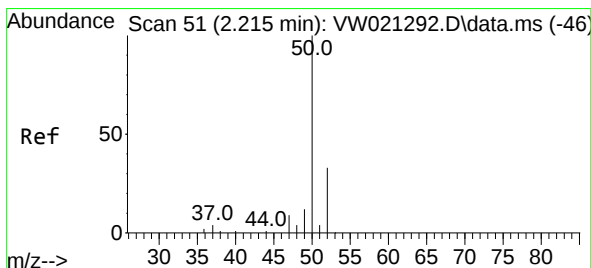
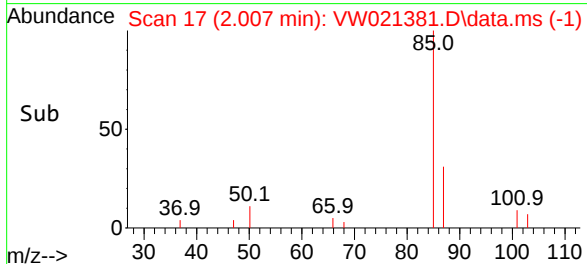
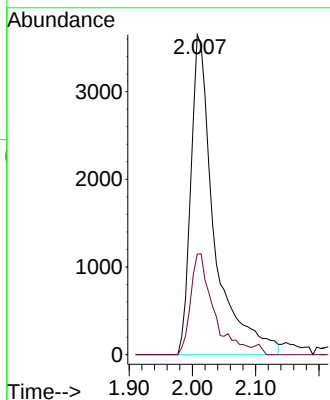
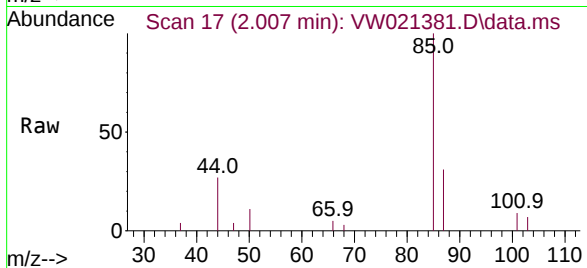




#2
 Dichlorodifluoromethane
 Concen: 25.194 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021381.D
 Acq: 15 Dec 2021 10:19

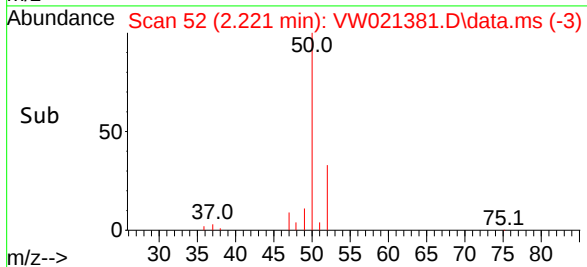
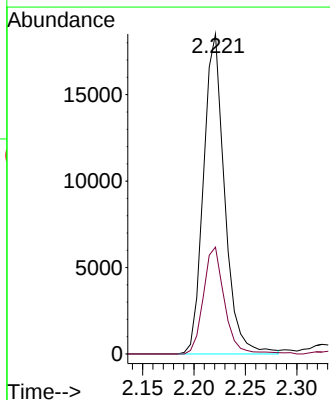
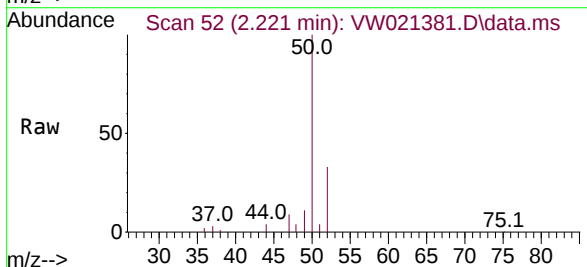
Instrument :
 MSVOA_W
 ClientSampleId :

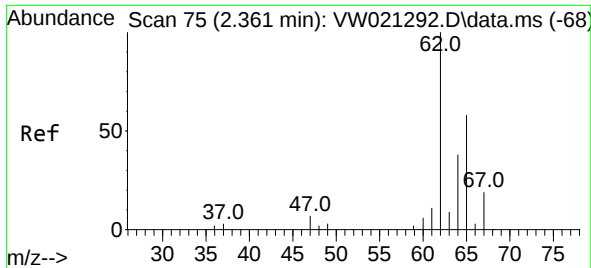
Tgt Ion: 85 Resp: 9424
 Ion Ratio Lower Upper
 85 100
 87 27.2 25.8 38.6



#3
 Chloromethane
 Concen: 21.417 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW021381.D
 Acq: 15 Dec 2021 10:19

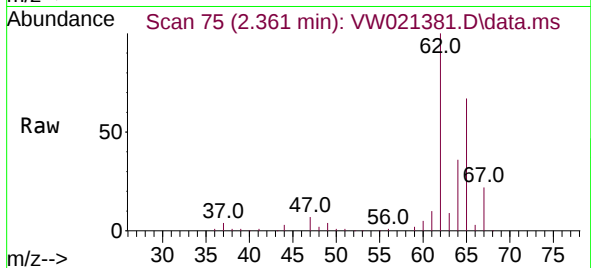
Tgt Ion: 50 Resp: 26522
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.6



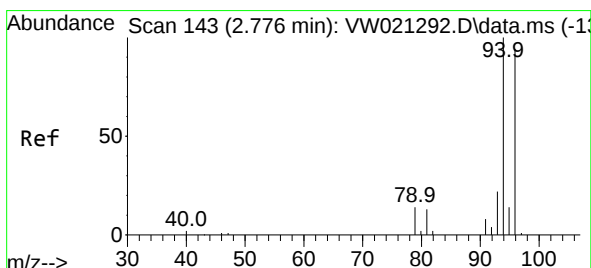
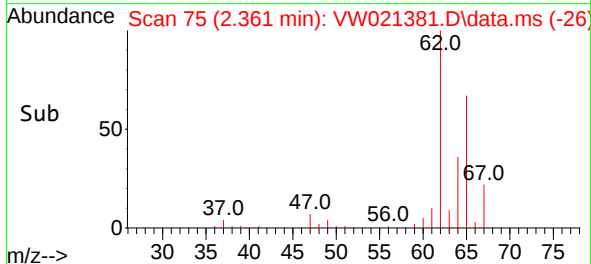
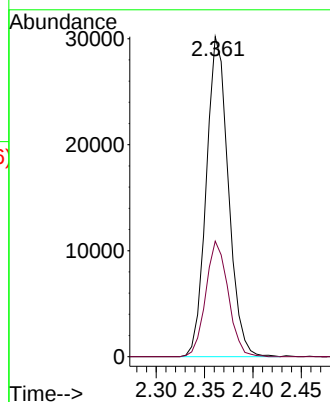


#5
 Vinyl chloride
 Concen: 24.623 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW021381.D
 Acq: 15 Dec 2021 10:19

Instrument :
 MSVOA_W
 ClientSampleId :

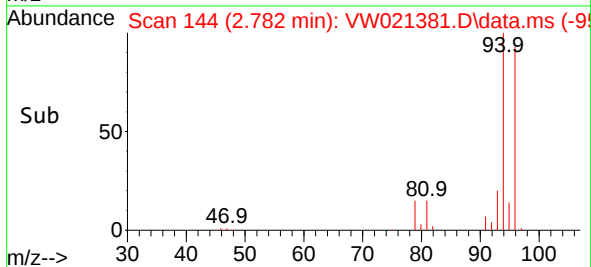
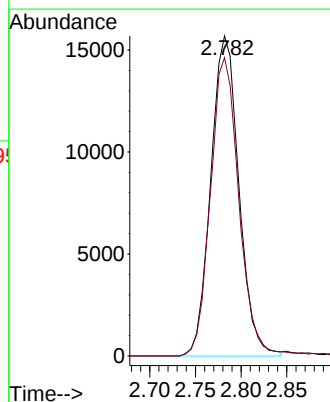
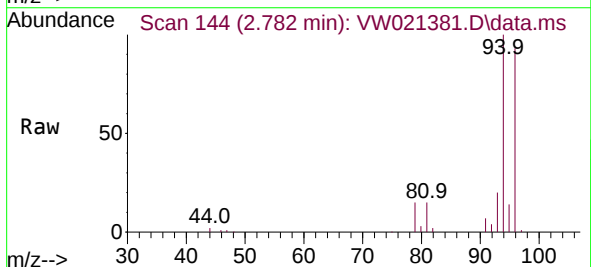


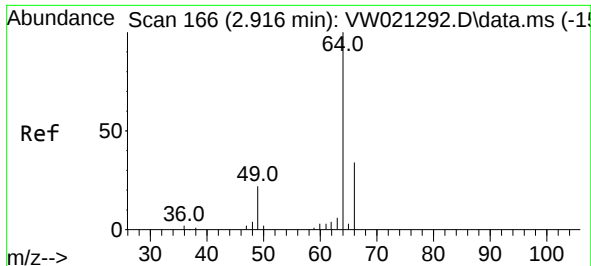
Tgt Ion: 62 Resp: 47869
 Ion Ratio Lower Upper
 62 100
 64 36.1 24.4 45.2



#6
 Bromomethane
 Concen: 26.586 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW021381.D
 Acq: 15 Dec 2021 10:19

Tgt Ion: 94 Resp: 33524
 Ion Ratio Lower Upper
 94 100
 96 93.2 64.8 120.4

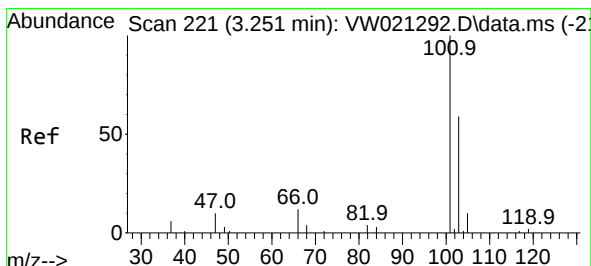
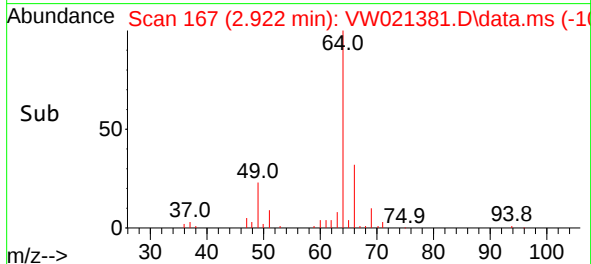
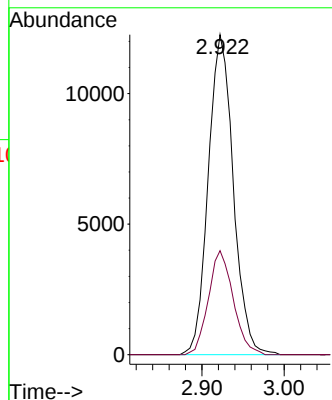
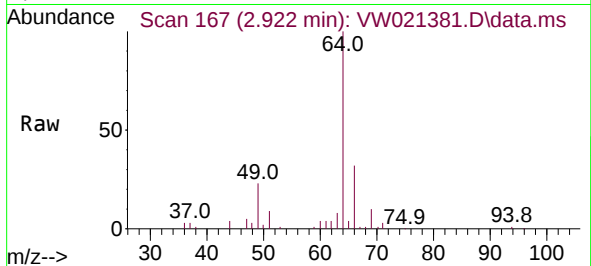




#8
Chloroethane
Concen: 28.950 ug/L
RT: 2.922 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

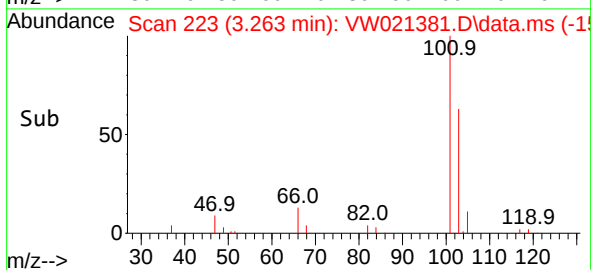
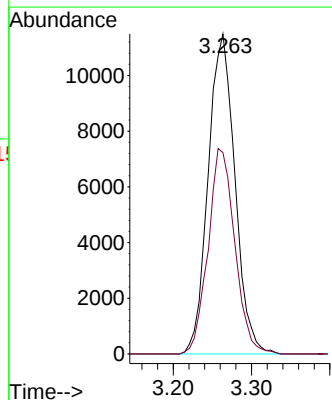
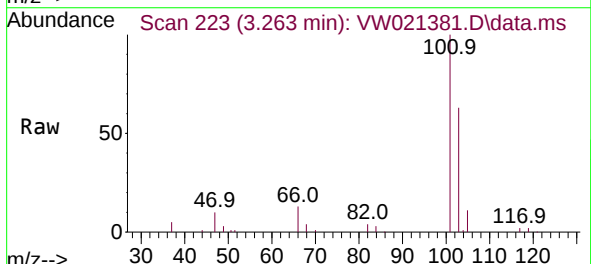
Instrument :
MSVOA_W
ClientSampleId :

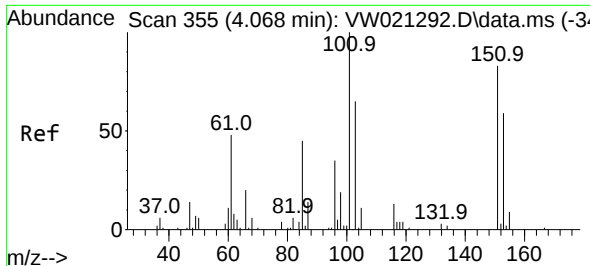
Tgt Ion: 64 Resp: 25928
Ion Ratio Lower Upper
64 100
66 32.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 26.611 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion:101 Resp: 27297
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 25.260 ug/L

RT: 4.062 min Scan# 3

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :

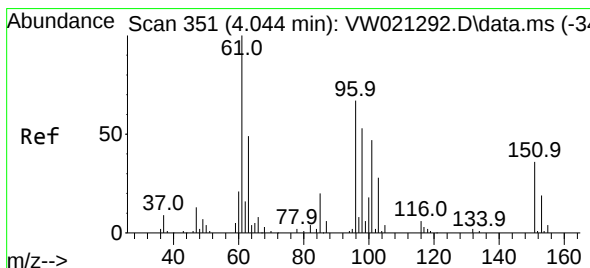
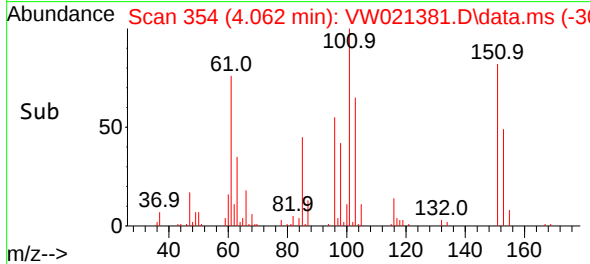
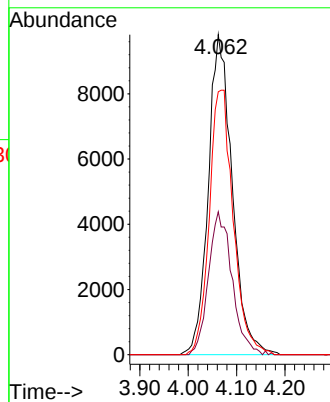
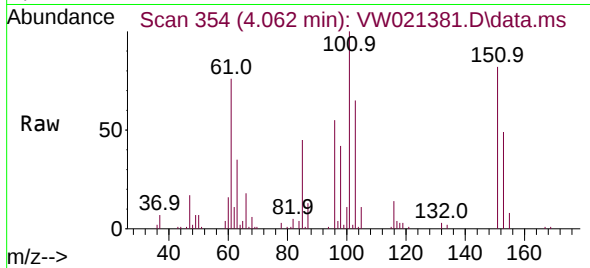
Tgt Ion:101 Resp: 33768

Ion Ratio Lower Upper

101 100

85 24.9 36.6 54.8#

151 82.7 57.4 86.0



#12

1,1-Dichloroethene

Concen: 24.555 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

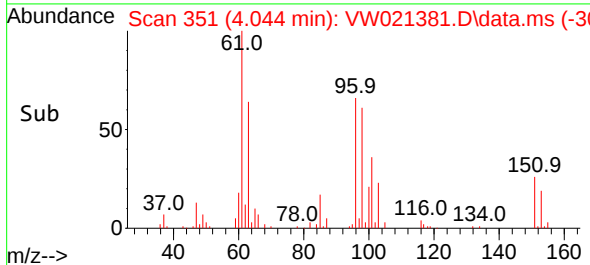
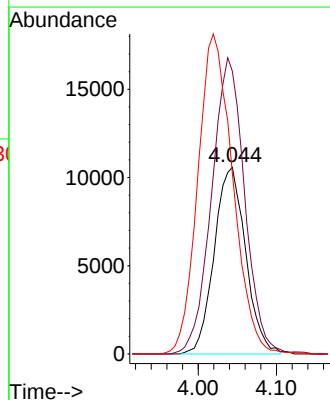
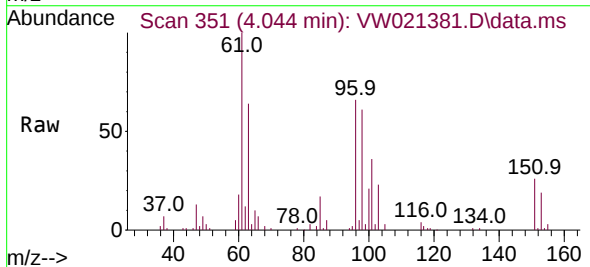
Tgt Ion: 96 Resp: 29466

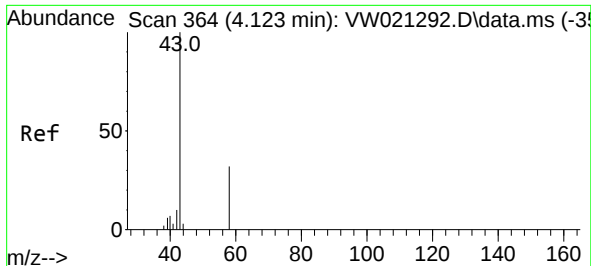
Ion Ratio Lower Upper

96 100

61 151.4 138.3 256.9

63 96.8 82.6 153.4

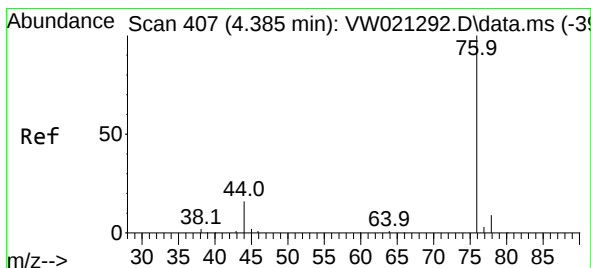
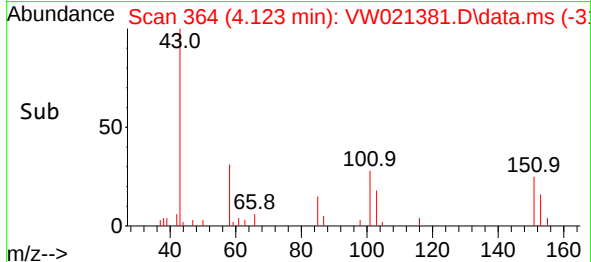
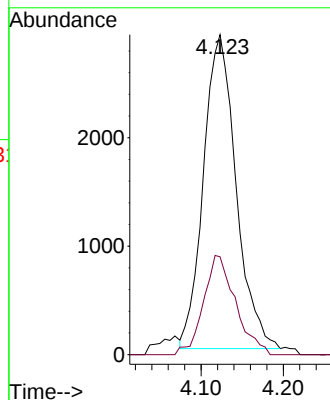
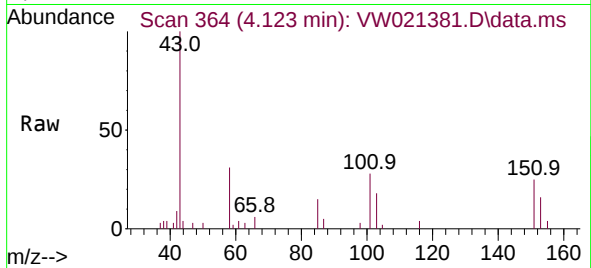




#13
Acetone
Concen: 35.815 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

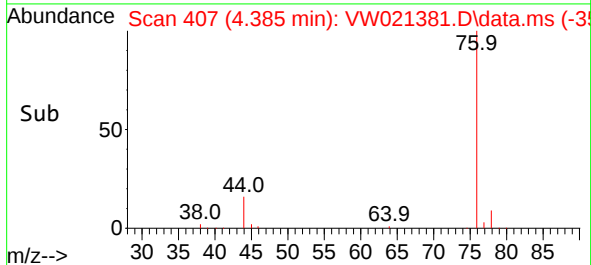
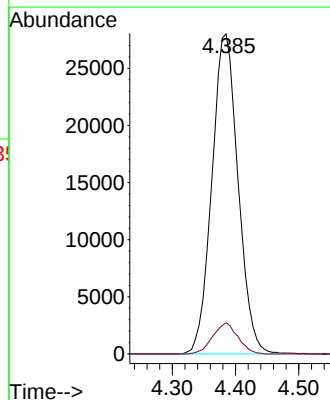
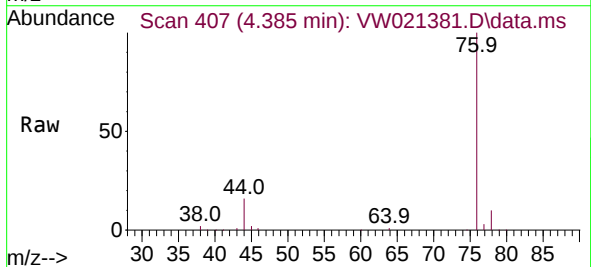
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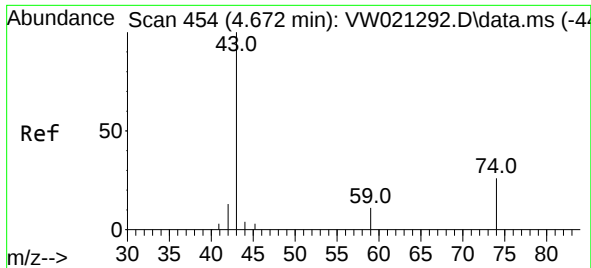
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Ion Ratio Lower Upper
43 100
58 30.3 0.0 52.8



#14
Carbon disulfide
Concen: 26.026 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW021381.D
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Tgt Ion: 76 Resp: 80656
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

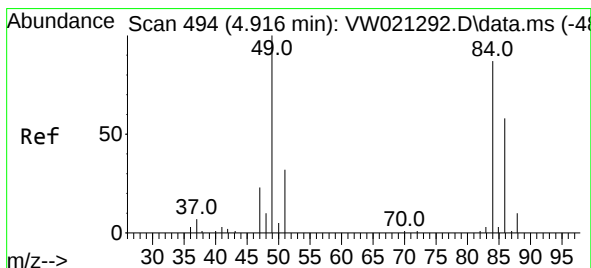
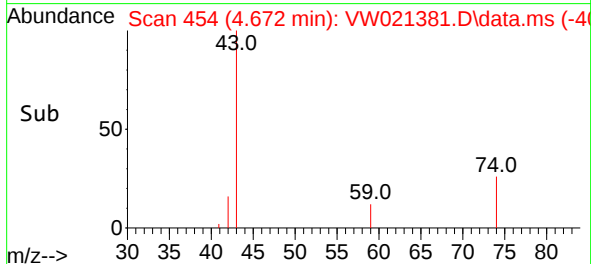
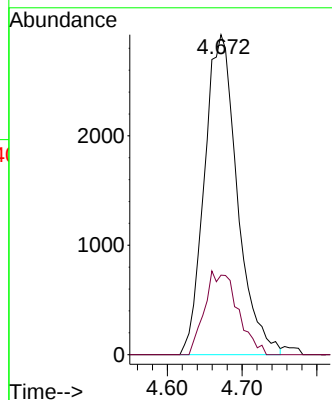
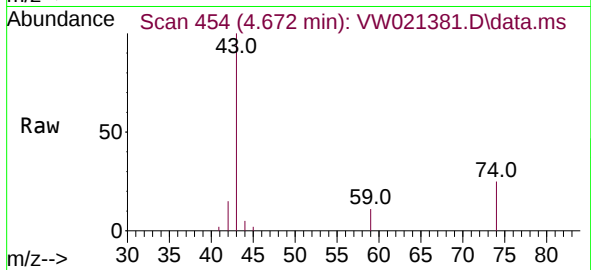




#15
Methyl Acetate
Concen: 23.213 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

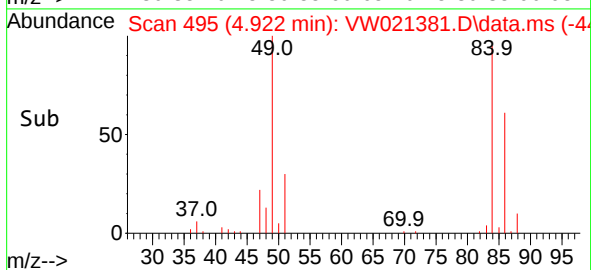
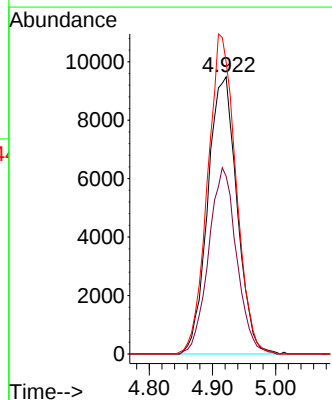
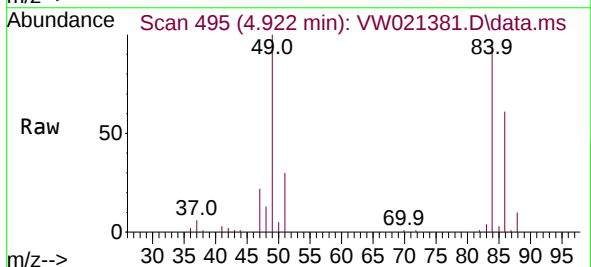
Instrument :
MSVOA_W
ClientSampleId :

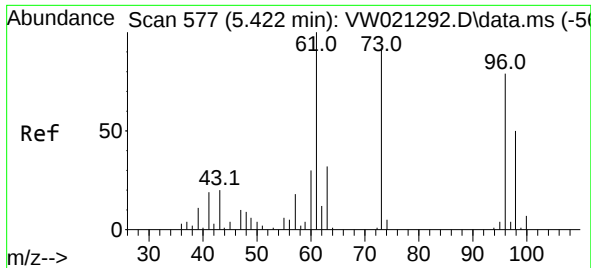
Tgt Ion: 43 Resp: 8924
Ion Ratio Lower Upper
43 100
74 10.9 16.4 24.6#



#16
Methylene chloride
Concen: 19.020 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion: 84 Resp: 30425
Ion Ratio Lower Upper
84 100
86 64.1 45.5 84.5
49 105.4 100.5 186.7

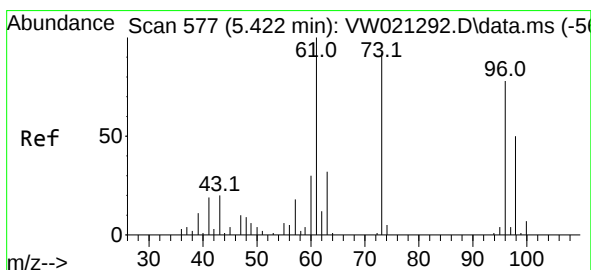
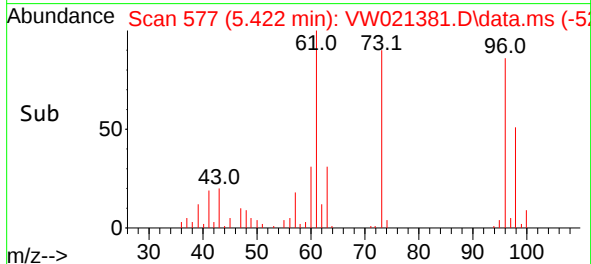
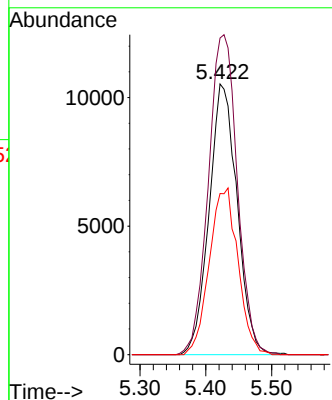
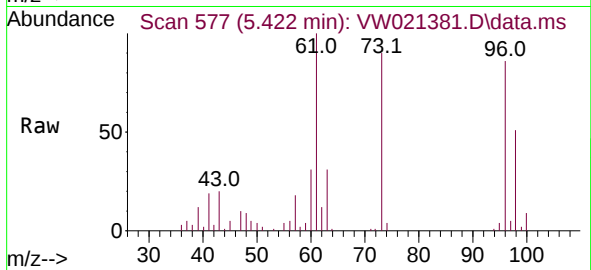




#17
trans-1,2-Dichloroethene
Concen: 24.058 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

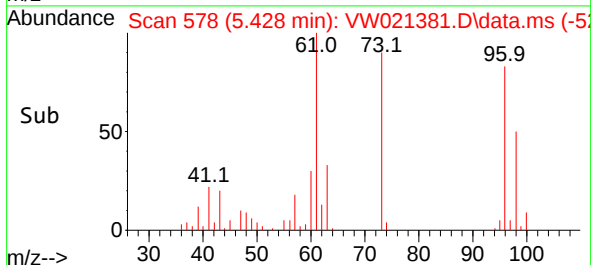
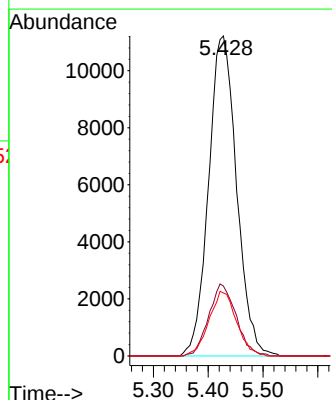
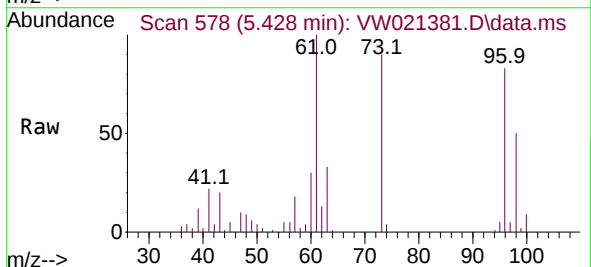
Instrument :
MSVOA_W
ClientSampleId :

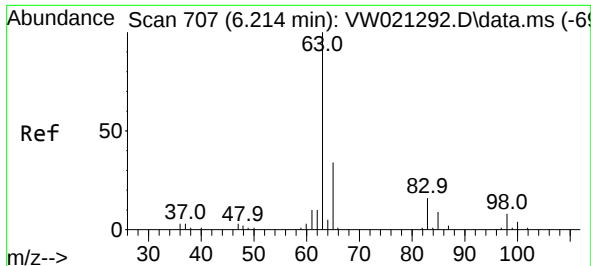
Tgt Ion: 96 Resp: 31259
Ion Ratio Lower Upper
96 100
61 117.0 107.4 199.4
98 59.5 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.213 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion: 73 Resp: 39861
Ion Ratio Lower Upper
73 100
43 21.8 19.5 29.3
57 19.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.085 ug/L

RT: 6.220 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021381.D

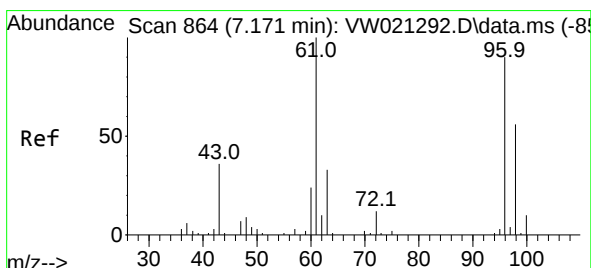
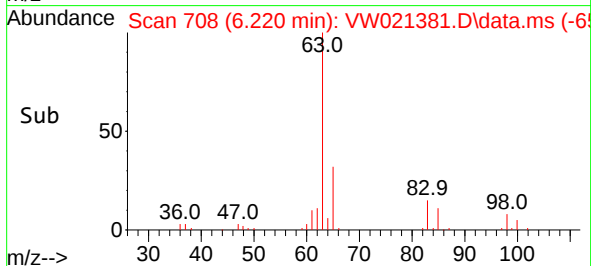
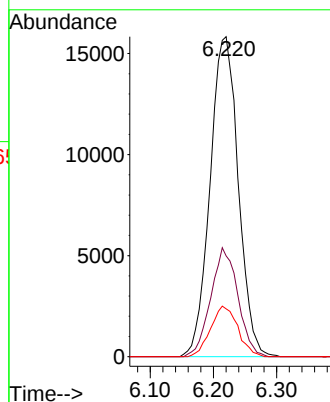
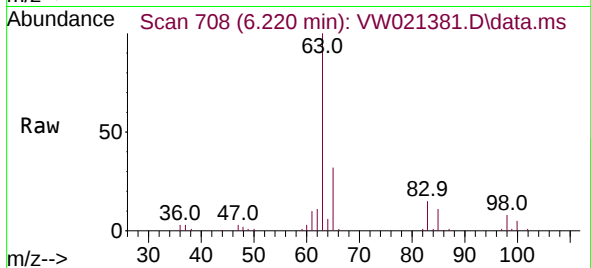
Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 49107
Ion Ratio	Lower Upper
63	100
65	31.5 22.1 41.1
83	15.0 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.052 ug/L

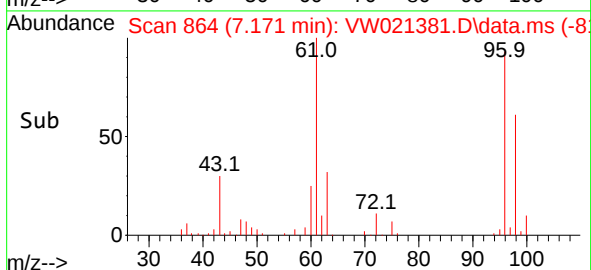
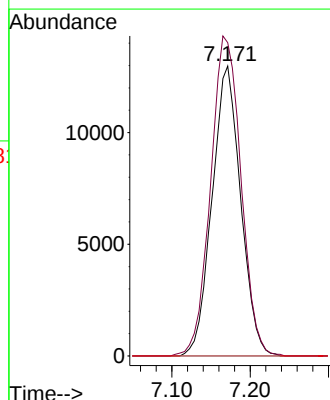
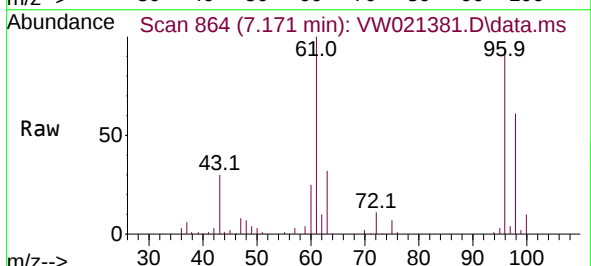
RT: 7.171 min Scan# 864

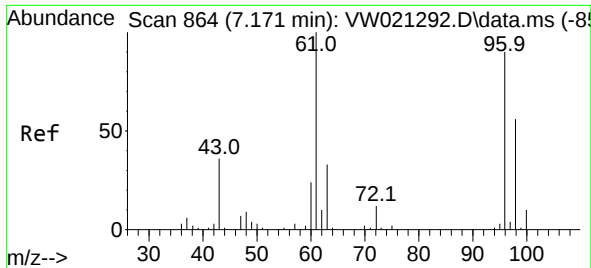
Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Tgt Ion: 96	Resp: 32962
Ion Ratio	Lower Upper
96	100
61	108.1 103.7 192.7
68	0.0 0.0 0.0

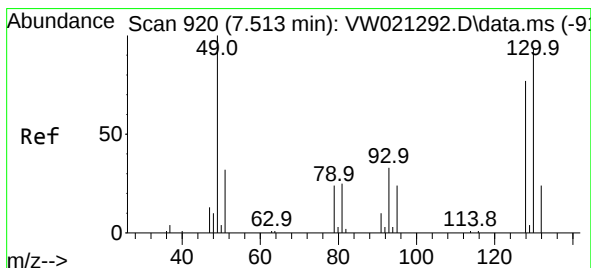
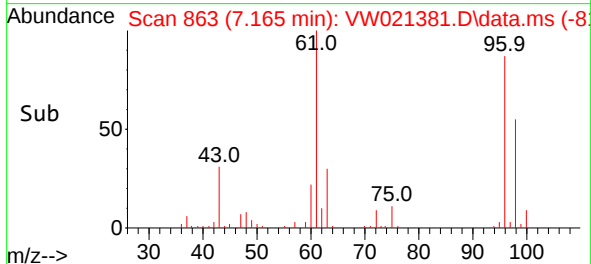
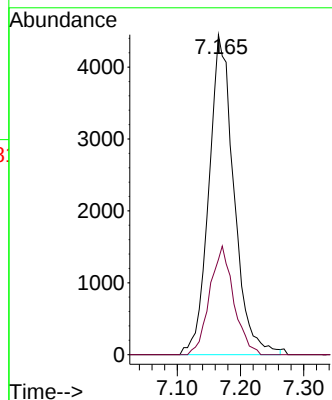
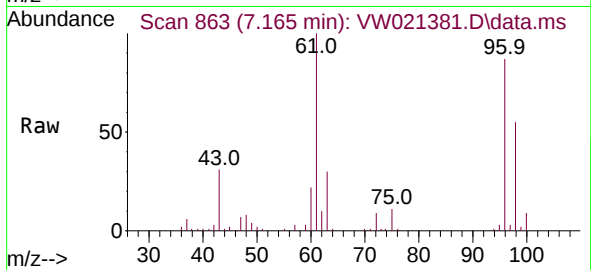




#22
2-Butanone
Concen: 42.062 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

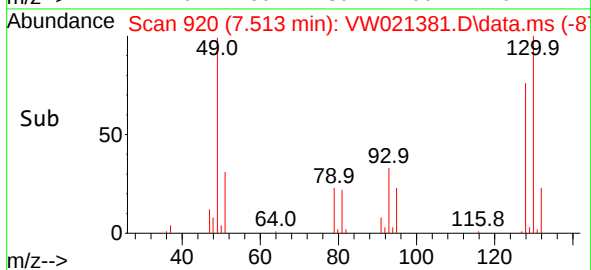
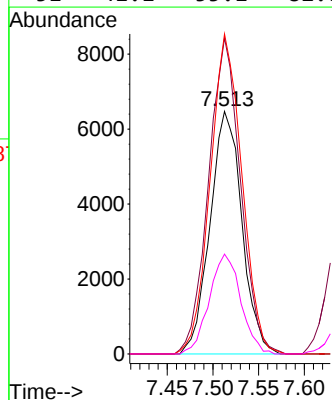
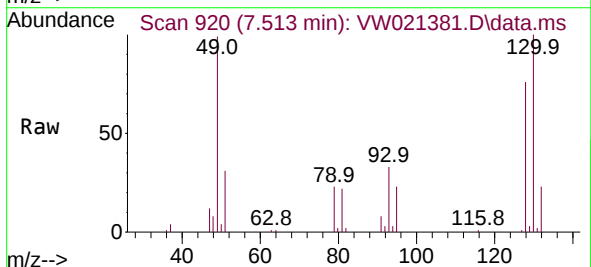
Instrument :
MSVOA_W
ClientSampleId :

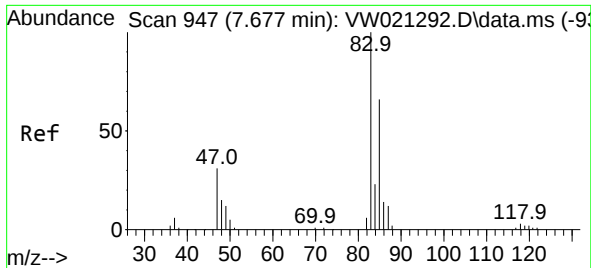
Tgt Ion: 43 Resp: 12239
Ion Ratio Lower Upper
43 100
72 32.4 11.8 35.4



#23
Bromochloromethane
Concen: 24.530 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion: 128 Resp: 15719
Ion Ratio Lower Upper
128 100
49 130.3 150.3 279.1#
130 131.9 88.3 163.9
51 41.1 55.1 82.7#

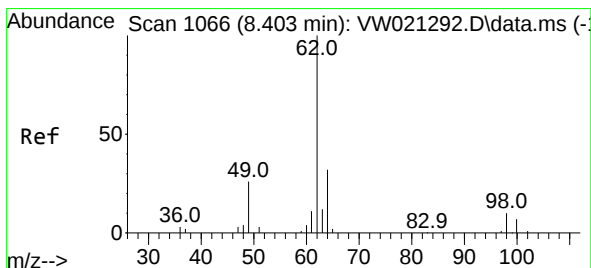
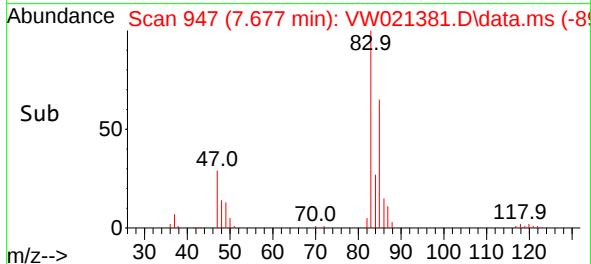
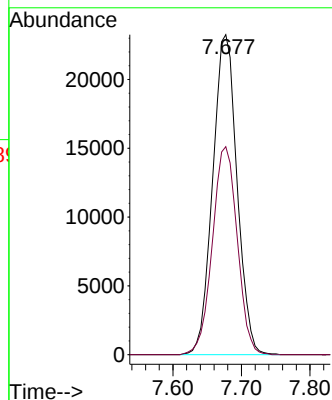
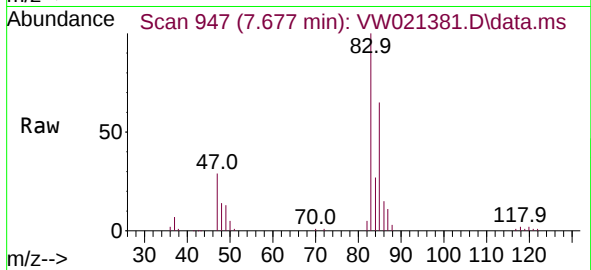




#25
Chloroform
Concen: 24.245 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

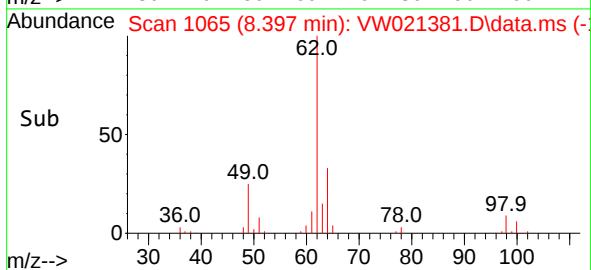
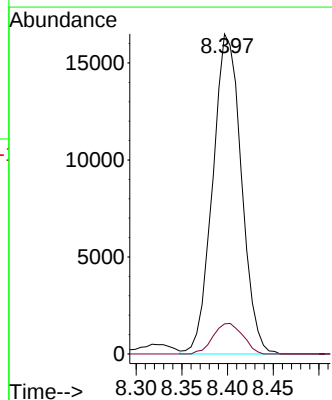
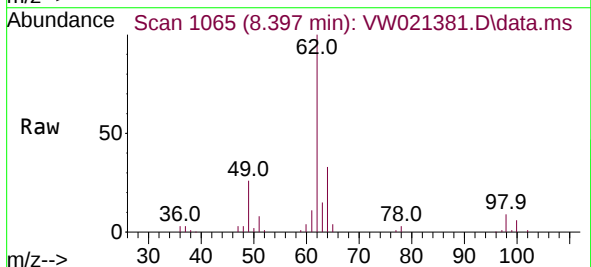
Instrument :
MSVOA_W
ClientSampleId :

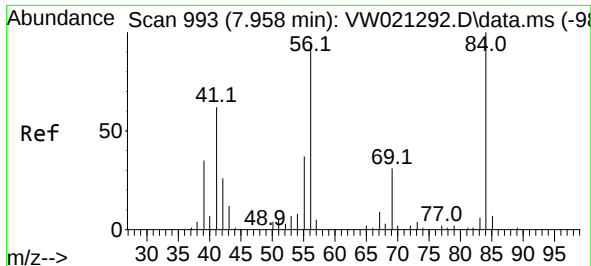
Tgt Ion: 83 Resp: 57385
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 24.044 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion: 62 Resp: 36039
Ion Ratio Lower Upper
62 100
98 9.4 6.5 9.7





#29

Cyclohexane

Concen: 23.506 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021381.D

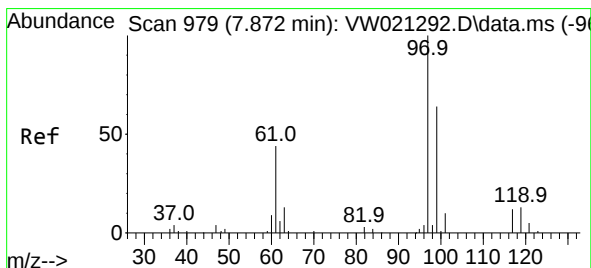
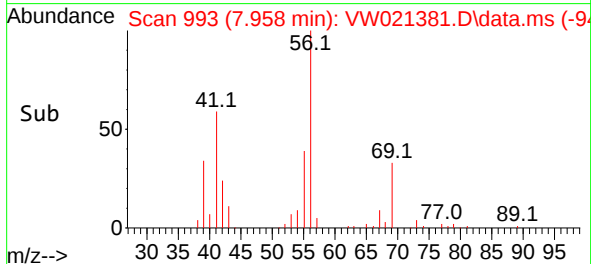
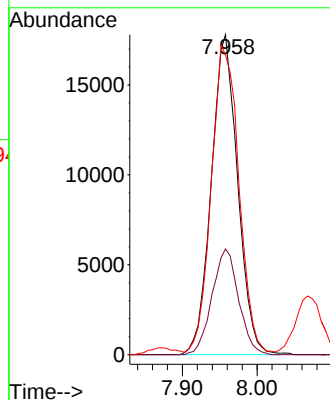
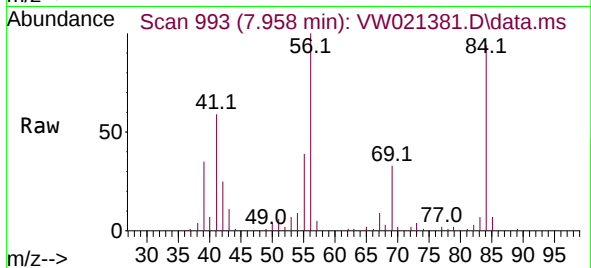
Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	43562
Ion	Ratio	Lower	Upper
56	100		
69	33.2	23.5	35.3
84	101.8	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 24.714 ug/L

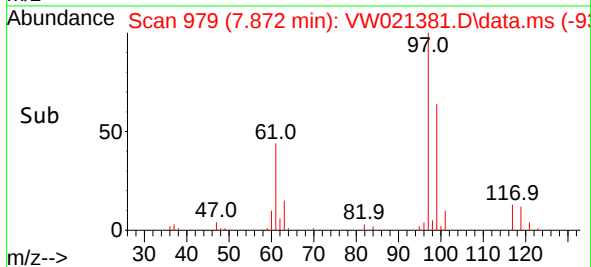
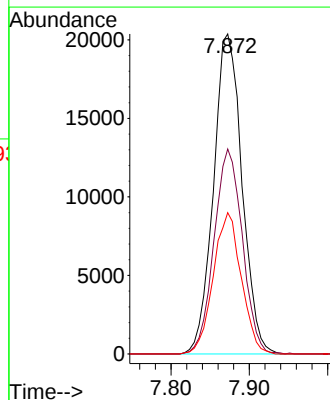
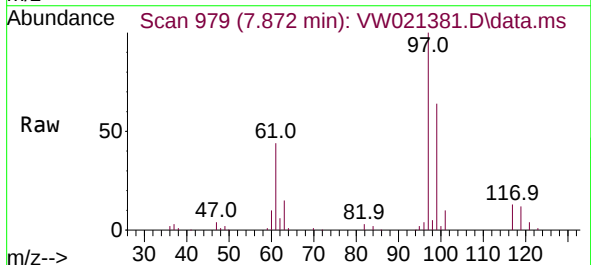
RT: 7.872 min Scan# 979

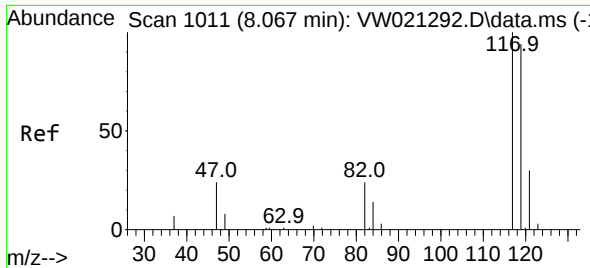
Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Tgt Ion:	97	Resp:	51630
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	43.2	40.9	61.3

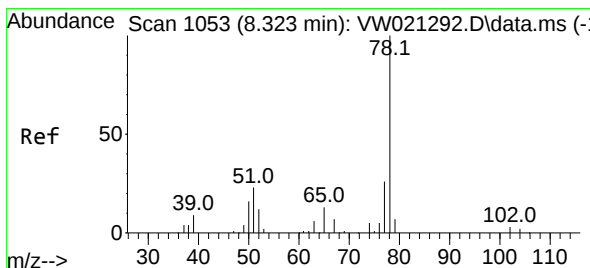
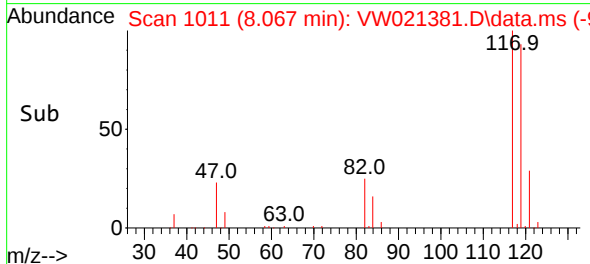
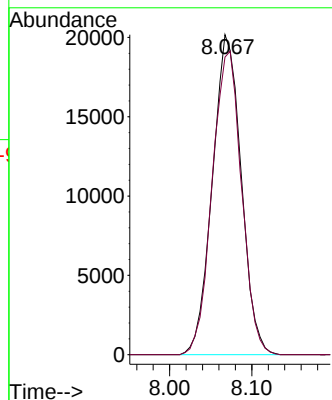
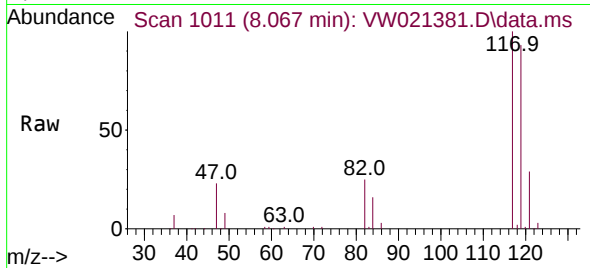




#31
Carbon tetrachloride
Concen: 25.424 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

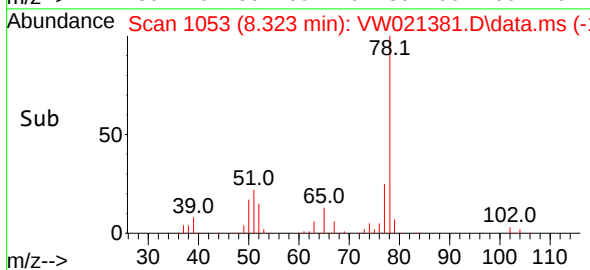
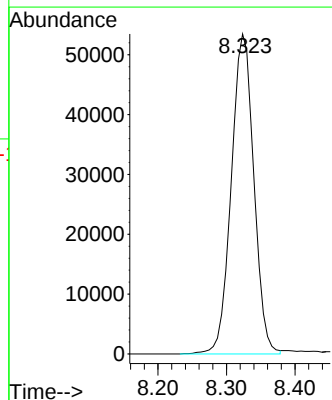
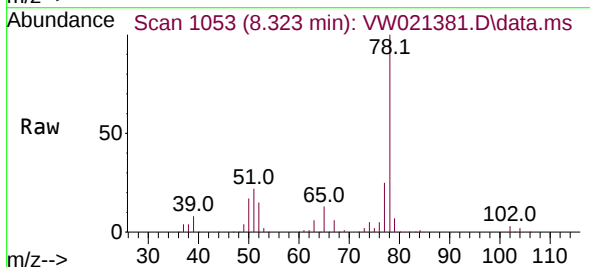
Instrument :
MSVOA_W
ClientSampleId :

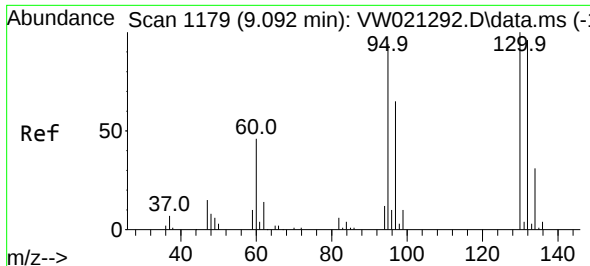
Tgt Ion:117 Resp: 48996
Ion Ratio Lower Upper
117 100
119 96.8 75.7 113.5



#33
Benzene
Concen: 24.100 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion: 78 Resp: 122238

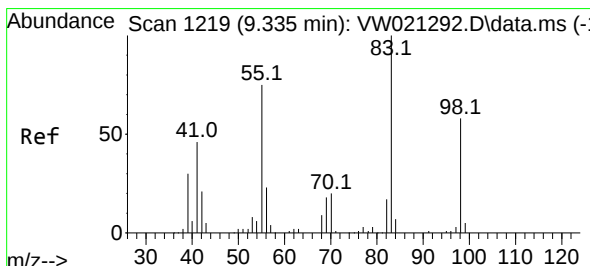
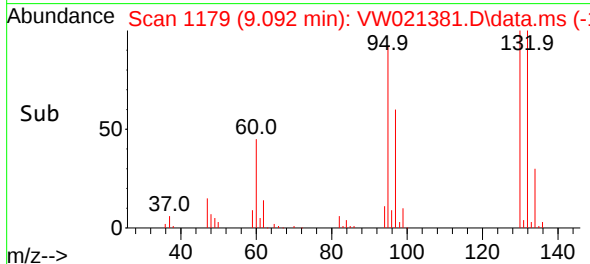
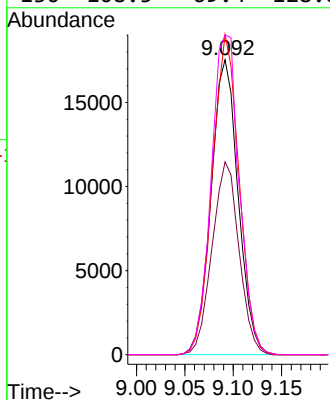
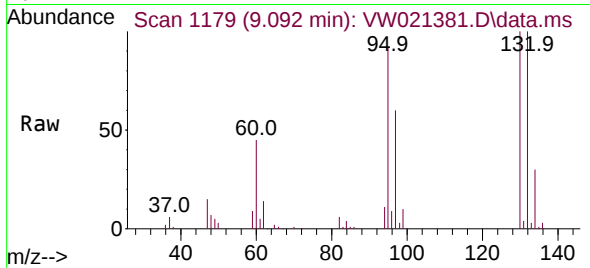




#34
Trichloroethene
Concen: 23.947 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

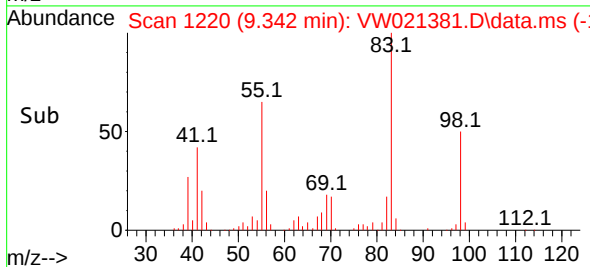
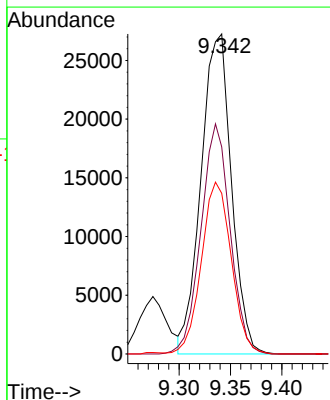
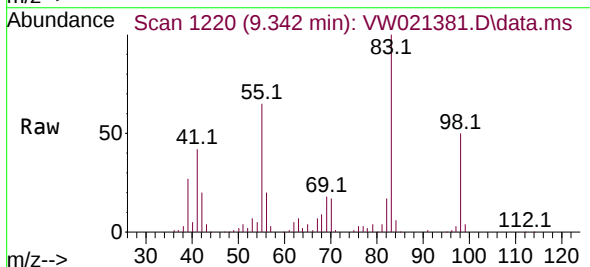
Instrument :
MSVOA_W
ClientSampleId :

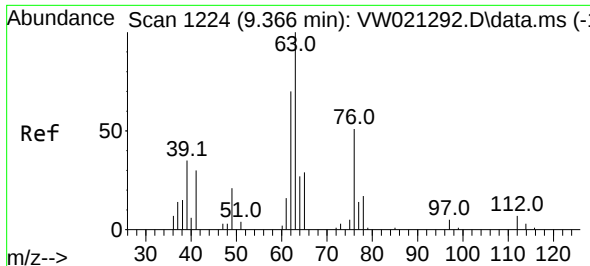
Tgt Ion: 95 Resp: 34096
Ion Ratio Lower Upper
95 100
97 65.4 47.0 87.2
132 108.5 65.5 121.6
130 108.5 69.4 128.8



#35
Methylcyclohexane
Concen: 23.888 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion: 83 Resp: 56106
Ion Ratio Lower Upper
83 100
55 68.8 70.8 106.2#
98 52.9 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.418 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

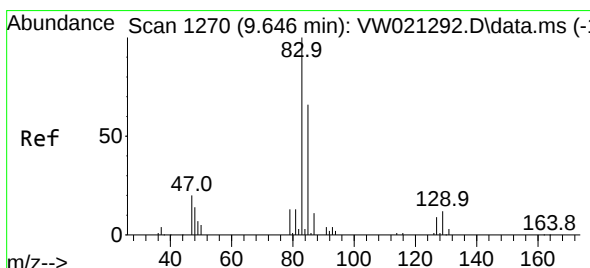
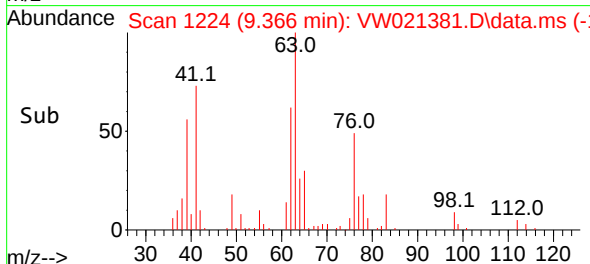
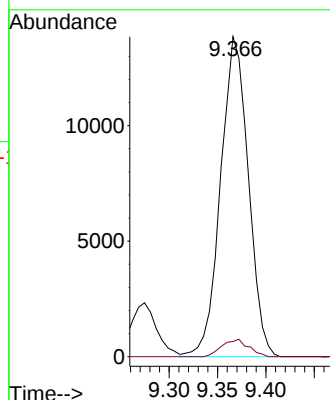
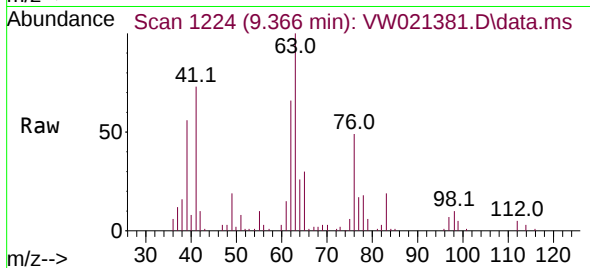
ClientSampleId :

Tgt Ion: 63 Resp: 27626

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.459 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

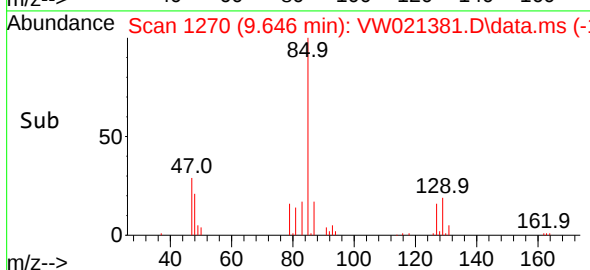
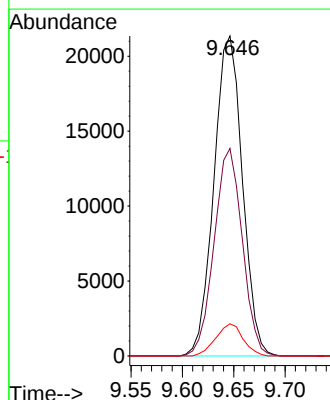
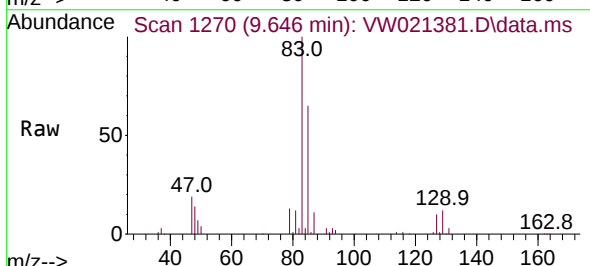
Tgt Ion: 83 Resp: 41158

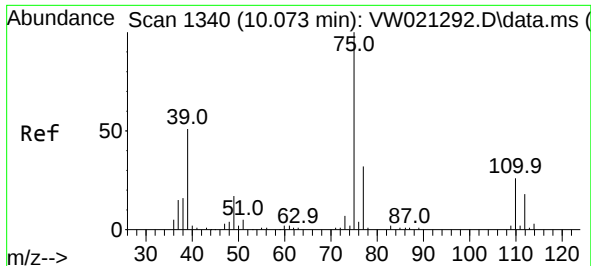
Ion Ratio Lower Upper

83 100

85 64.9 44.1 81.9

127 10.0 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.746 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

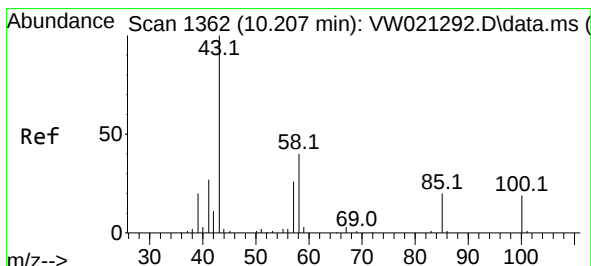
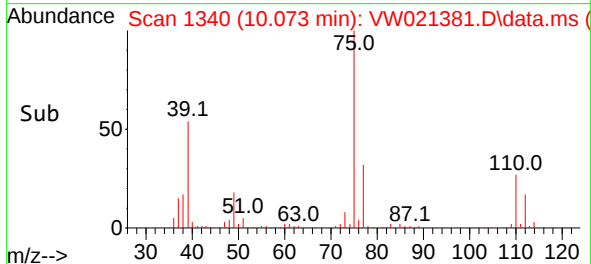
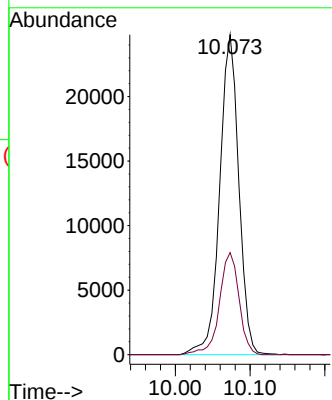
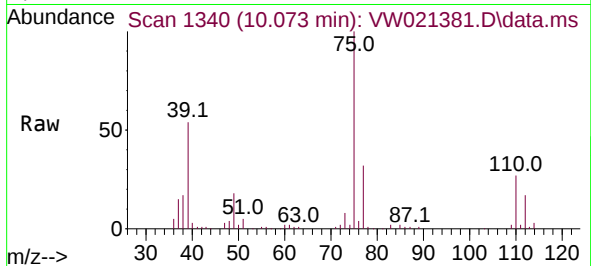
ClientSampleId :

Tgt Ion: 75 Resp: 44132

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.779 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

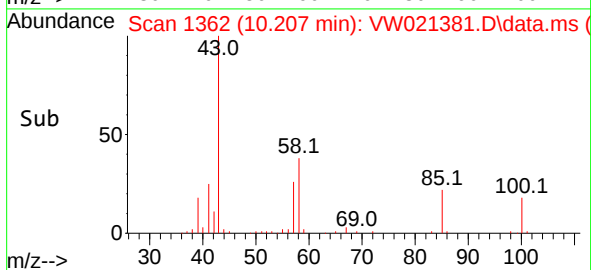
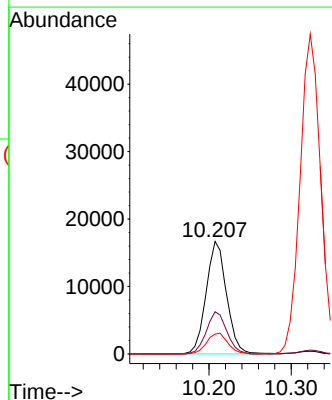
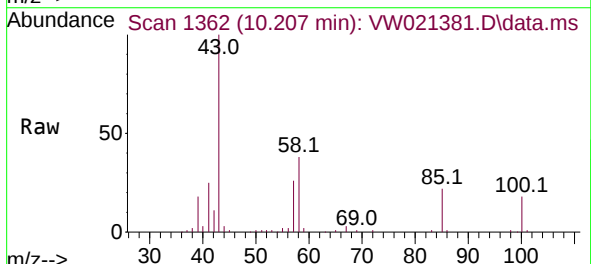
Tgt Ion: 43 Resp: 28837

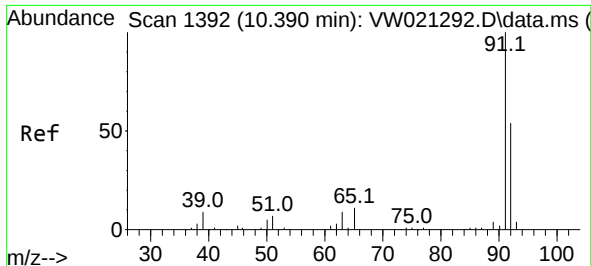
Ion Ratio Lower Upper

43 100

58 37.4 28.8 43.2

100 19.1 10.0 15.0#

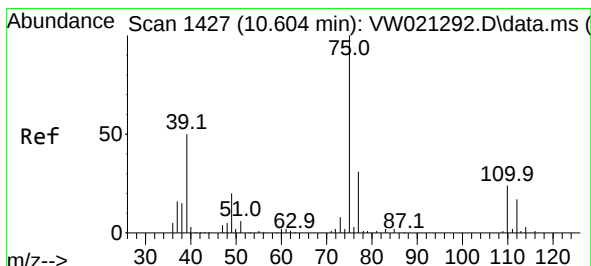
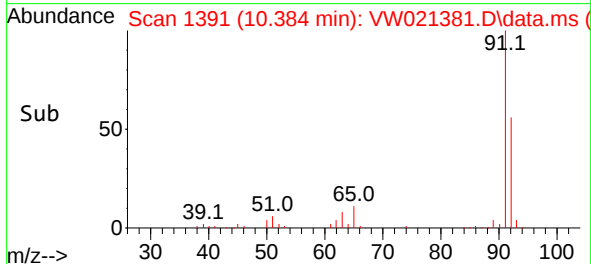
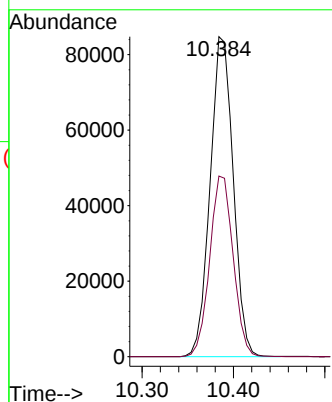
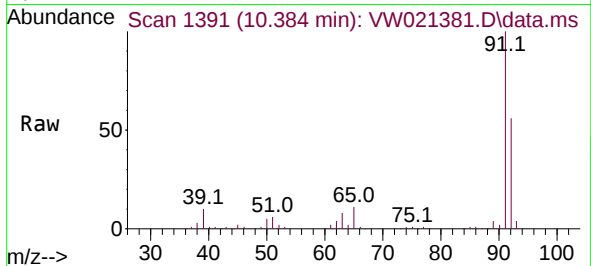




#42
Toluene
Concen: 25.096 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

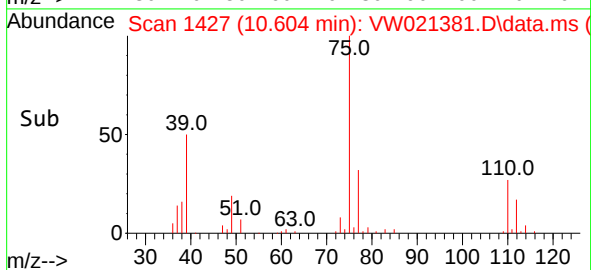
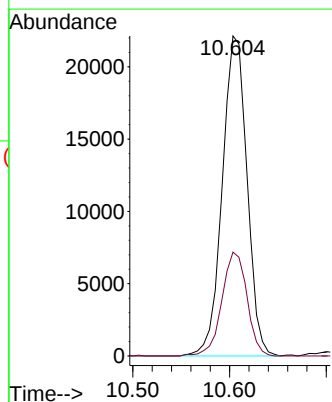
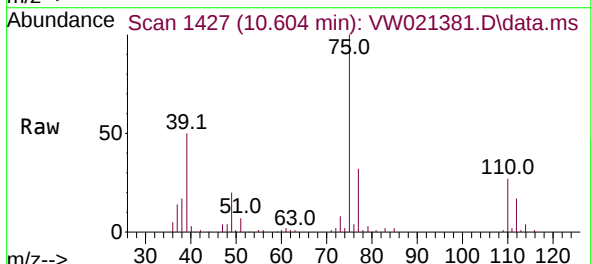
Instrument :
MSVOA_W
ClientSampleId :

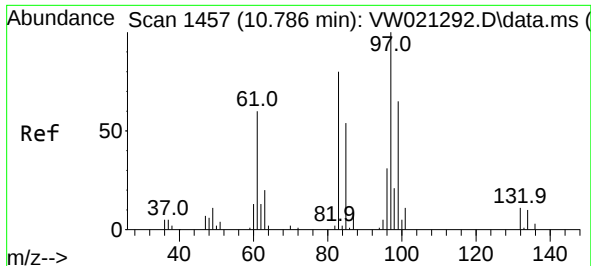
Tgt Ion: 91 Resp: 148868
Ion Ratio Lower Upper
91 100
92 56.5 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.128 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion: 75 Resp: 39252
Ion Ratio Lower Upper
75 100
77 32.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.783 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 22949

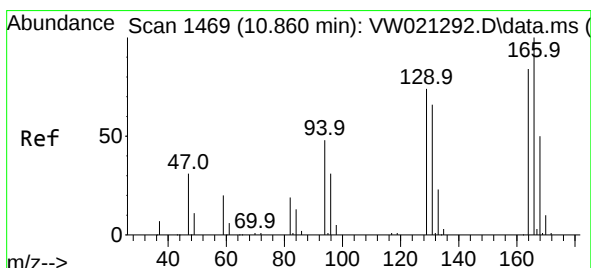
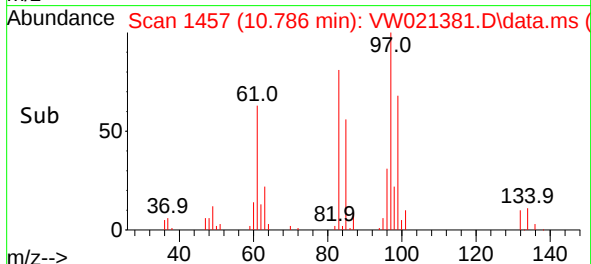
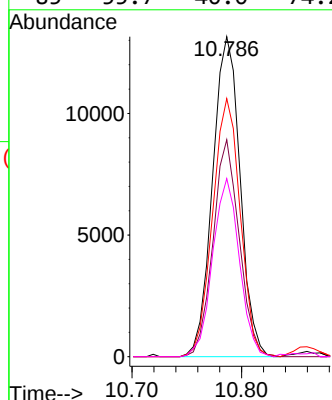
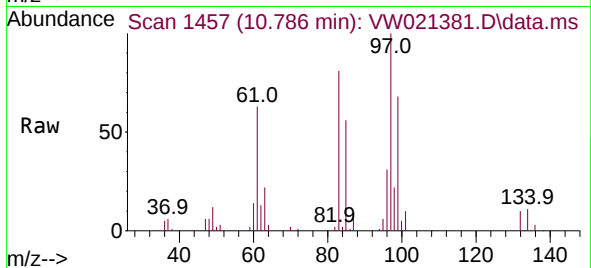
Ion Ratio Lower Upper

97 100

99 67.8 43.0 79.8

83 80.6 62.6 116.3

85 55.7 40.0 74.2



#46

Tetrachloroethene

Concen: 24.631 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Tgt Ion:164 Resp: 33315

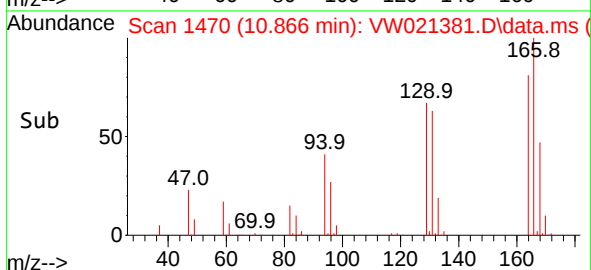
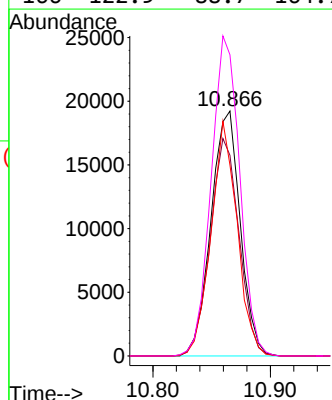
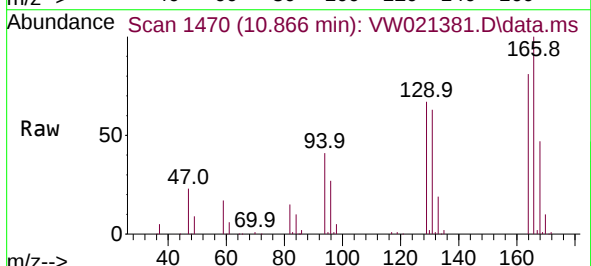
Ion Ratio Lower Upper

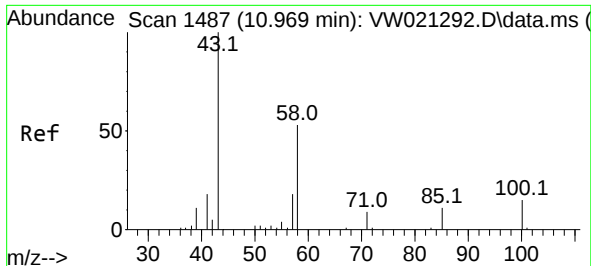
164 100

129 81.9 65.5 121.7

131 78.0 59.7 110.9

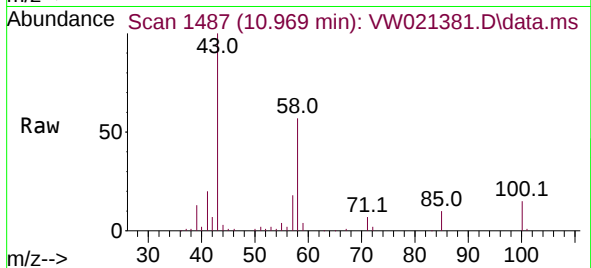
166 122.9 88.7 164.7



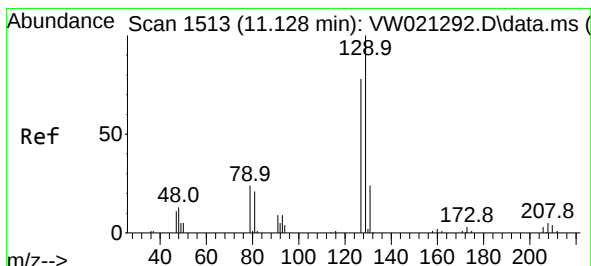
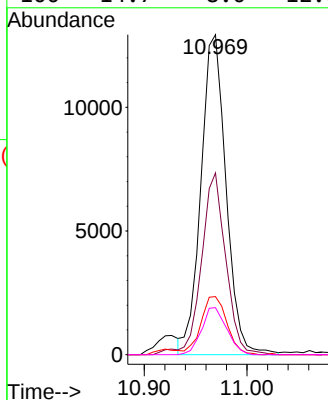
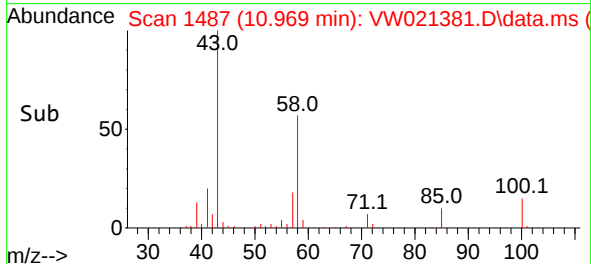


#48
2-Hexanone
Concen: 49.201 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Instrument :
MSVOA_W
ClientSampleId :

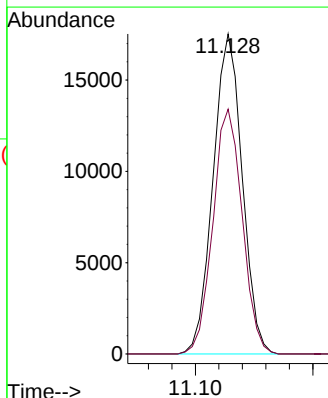
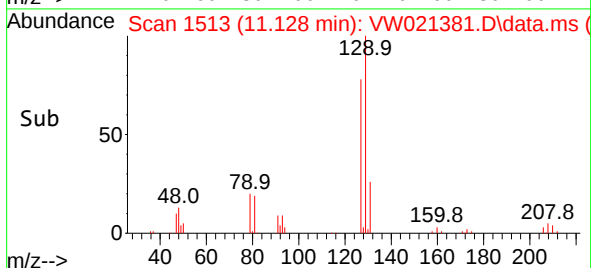
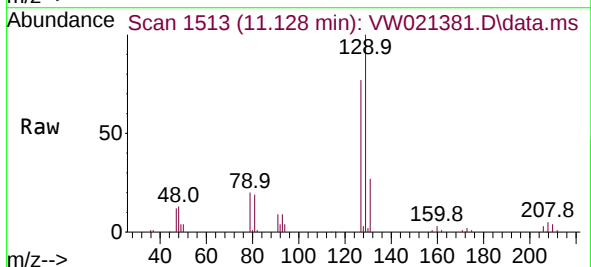


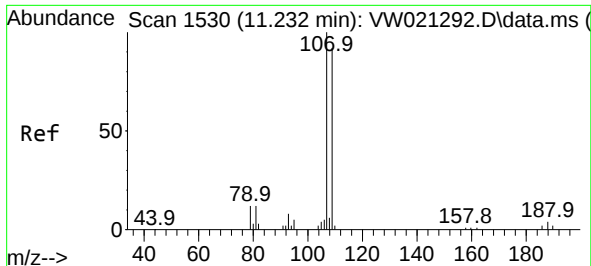
Tgt Ion: 43 Resp: 21995
Ion Ratio Lower Upper
43 100
58 53.9 40.2 60.2
57 18.6 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 26.483 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion: 129 Resp: 30232
Ion Ratio Lower Upper
129 100
127 76.5 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.172 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

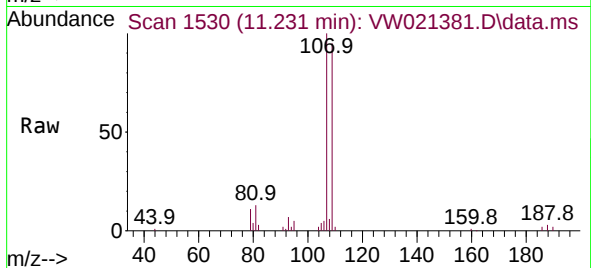
Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :



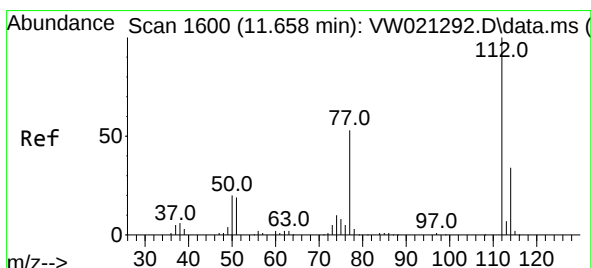
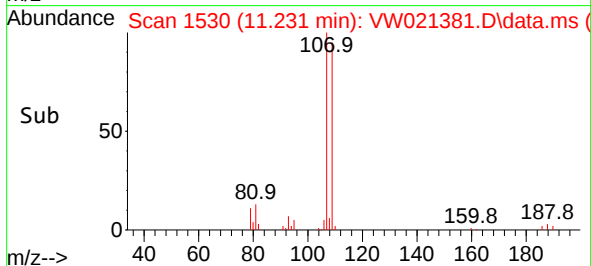
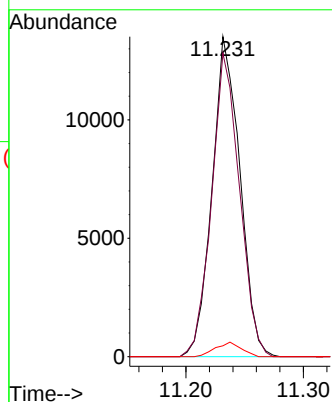
Tgt Ion:107 Resp: 22275

Ion Ratio Lower Upper

107 100

109 94.8 64.1 119.1

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 24.423 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

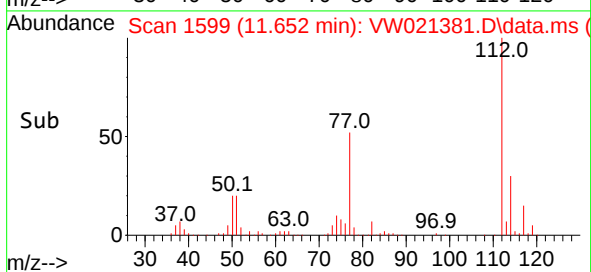
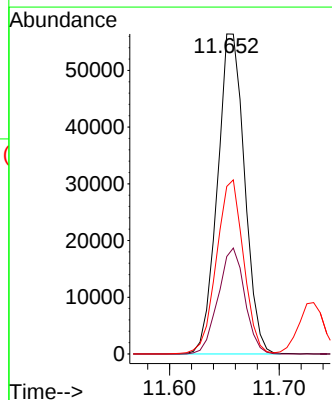
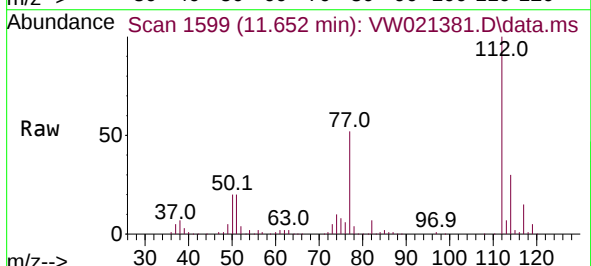
Tgt Ion:112 Resp: 96997

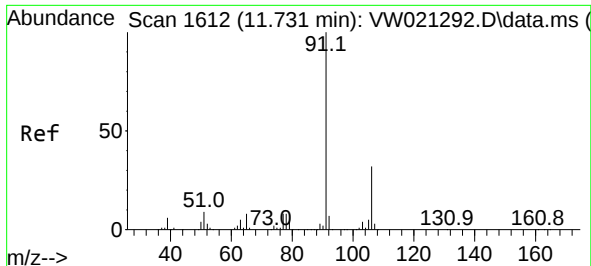
Ion Ratio Lower Upper

112 100

114 30.5 22.4 41.6

77 52.3 50.2 75.4





#52

Ethylbenzene

Concen: 24.407 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

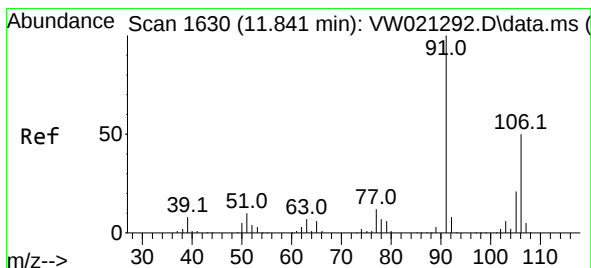
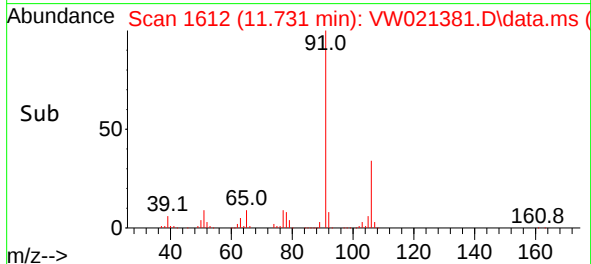
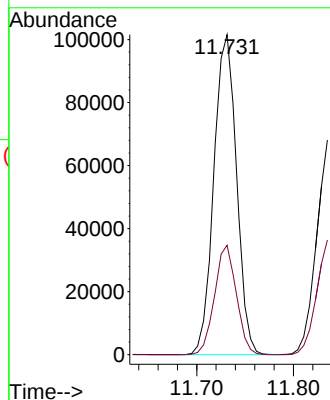
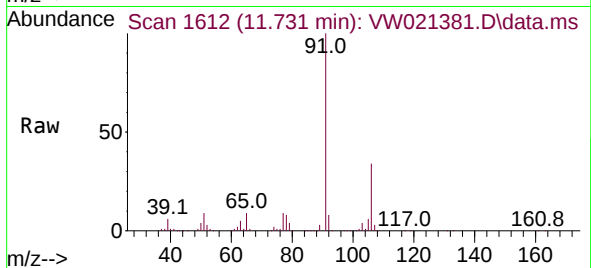
ClientSampleId :

Tgt Ion: 91 Resp: 165448

Ion Ratio Lower Upper

91 100

106 34.2 21.5 39.9



#53

m,p-Xylene

Concen: 25.131 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW021381.D

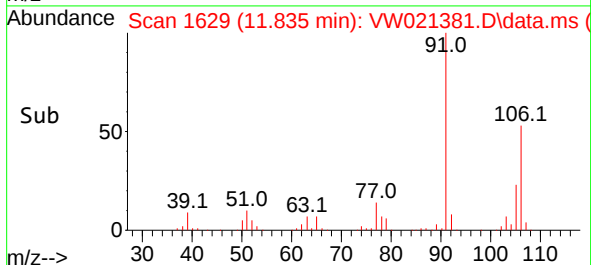
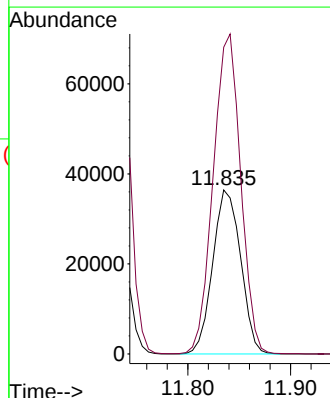
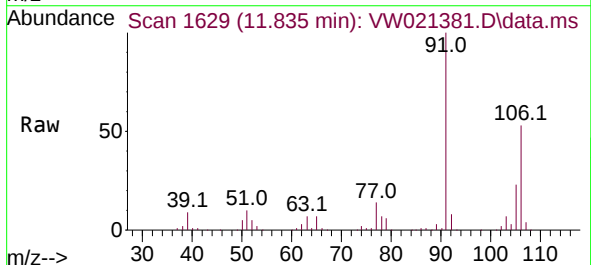
Acq: 15 Dec 2021 10:19

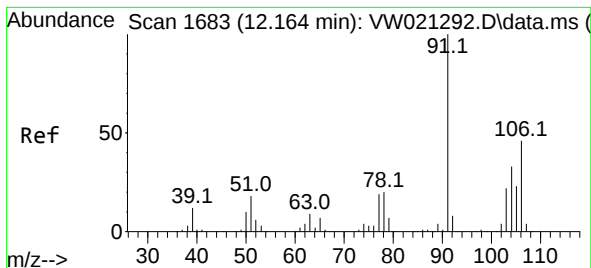
Tgt Ion:106 Resp: 68725

Ion Ratio Lower Upper

106 100

91 187.0 149.9 278.3





#54

o-Xylene

Concen: 24.897 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

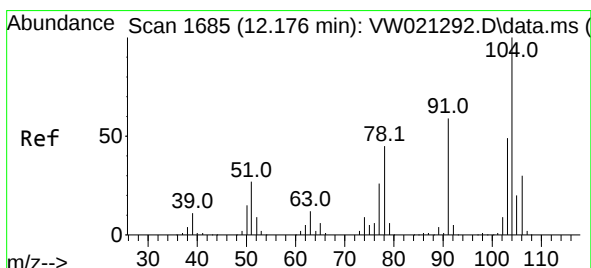
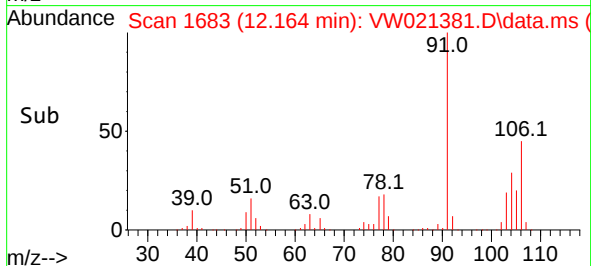
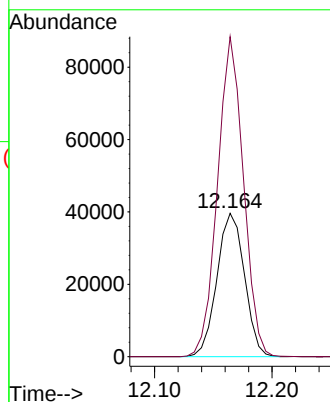
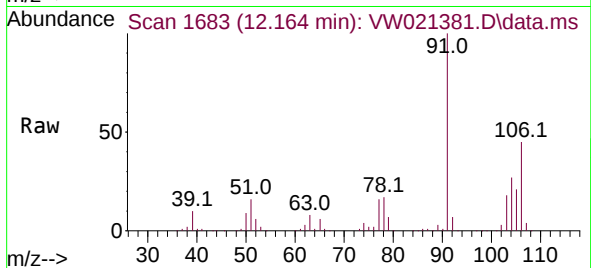
ClientSampleId :

Tgt Ion:106 Resp: 64615

Ion Ratio Lower Upper

106 100

91 223.2 153.6 285.3



#55

Styrene

Concen: 25.386 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW021381.D

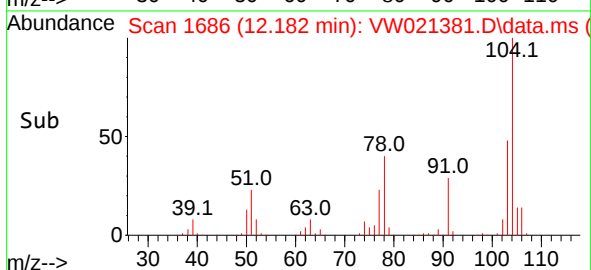
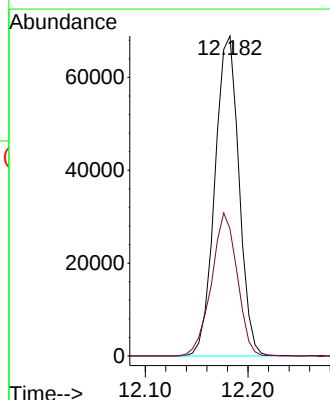
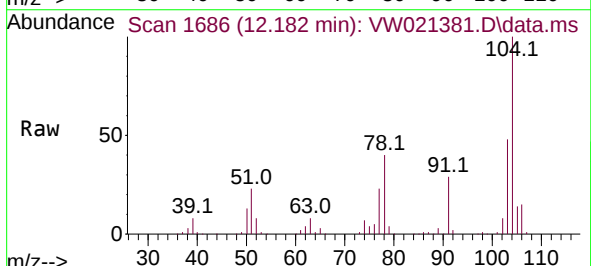
Acq: 15 Dec 2021 10:19

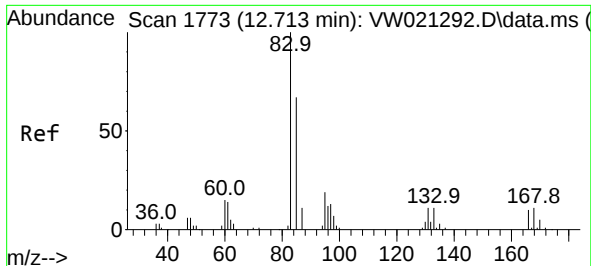
Tgt Ion:104 Resp: 112131

Ion Ratio Lower Upper

104 100

78 39.8 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.690 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021381.D

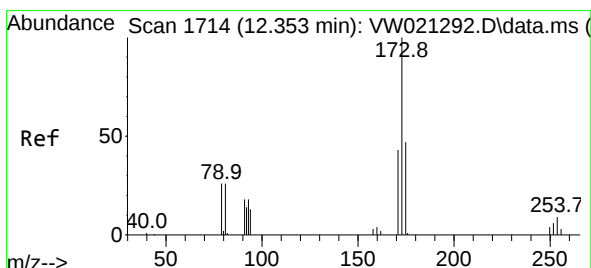
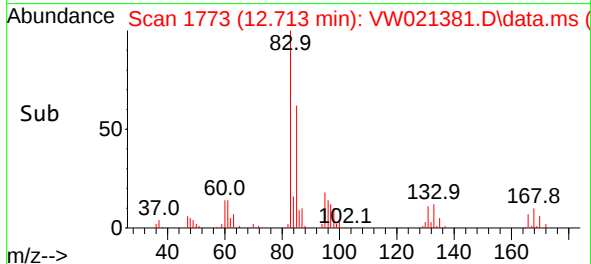
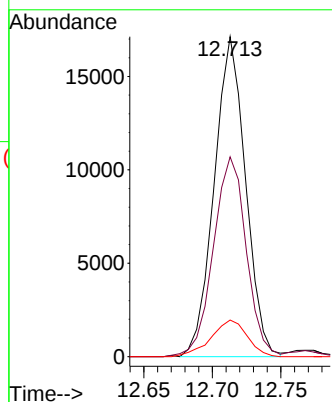
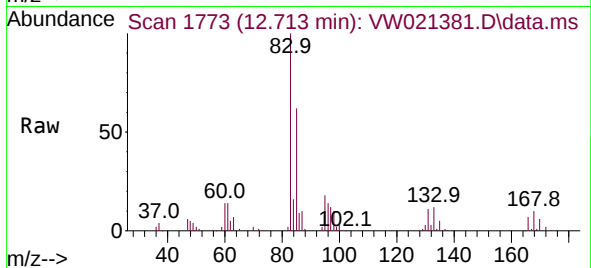
Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	27270
Ion	Ratio	Lower	Upper
83	100		
85	62.5	44.0	81.6
131	11.4	6.9	10.3



#59

Bromoform

Concen: 26.152 ug/L

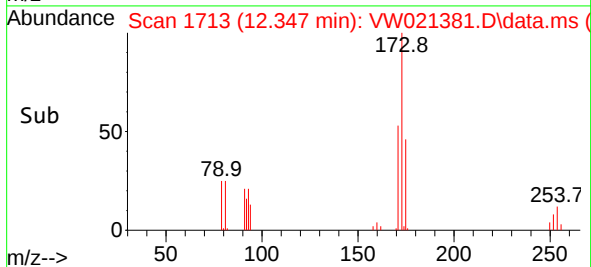
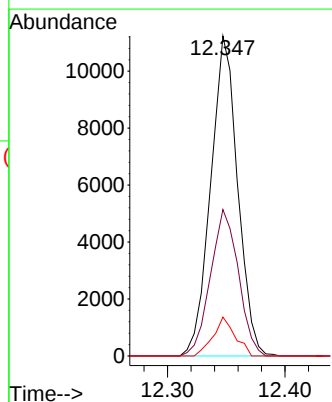
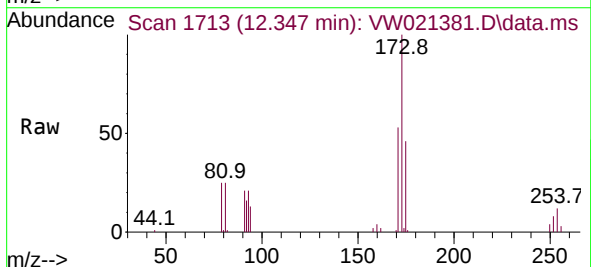
RT: 12.347 min Scan# 1713

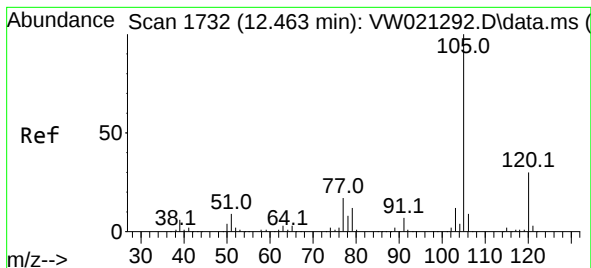
Delta R.T. -0.006 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Tgt Ion:	173	Resp:	17934
Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.6	59.4
254	9.9	7.4	11.0





#60

Isopropylbenzene

Concen: 23.292 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :

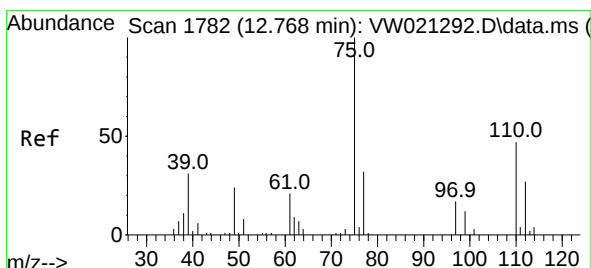
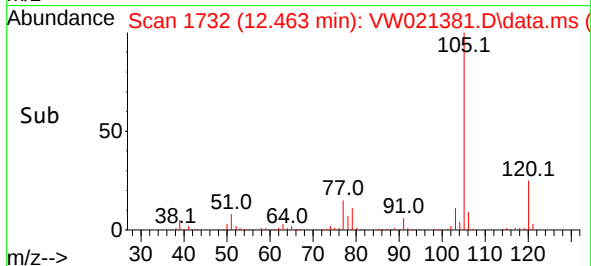
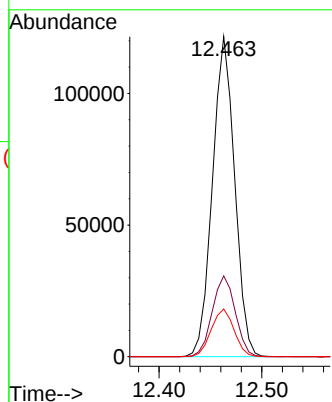
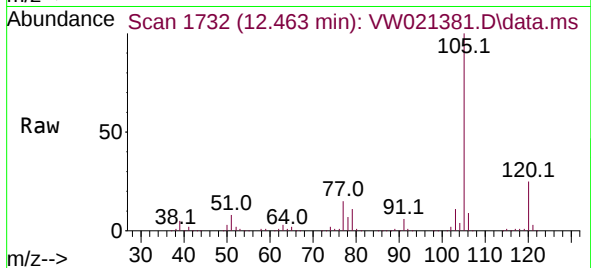
Tgt Ion:105 Resp: 182412

Ion Ratio Lower Upper

105 100

120 26.1 20.1 30.1

77 15.3 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 23.403 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

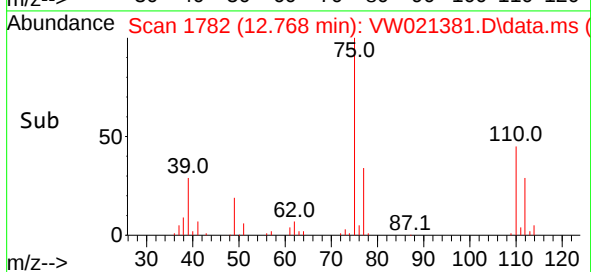
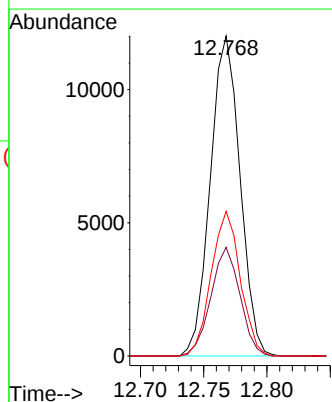
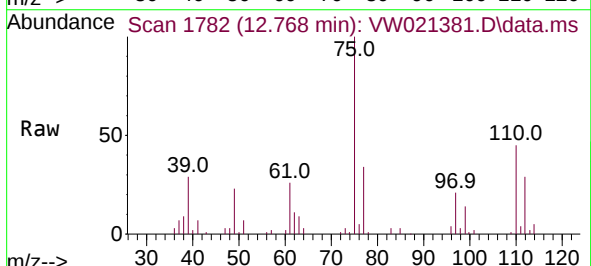
Tgt Ion: 75 Resp: 19631

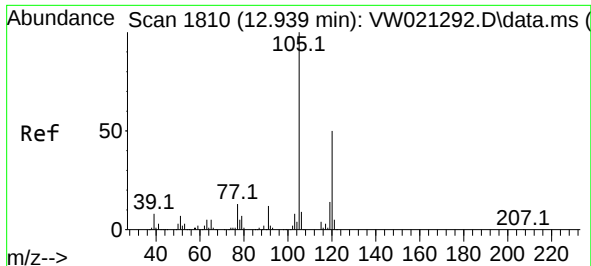
Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8

110 44.2 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 22.875 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

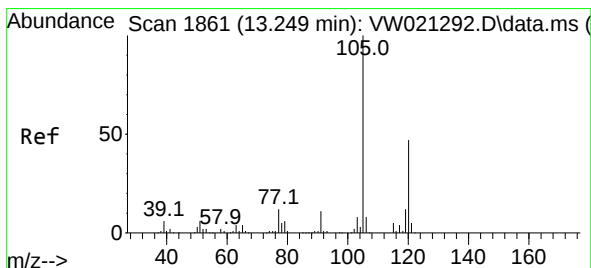
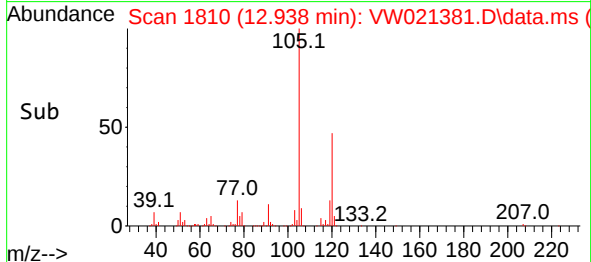
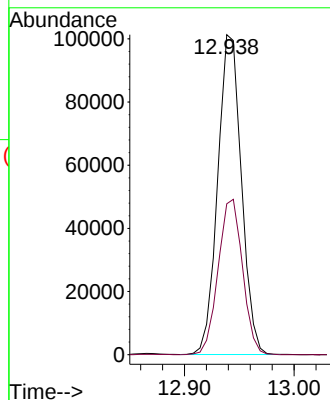
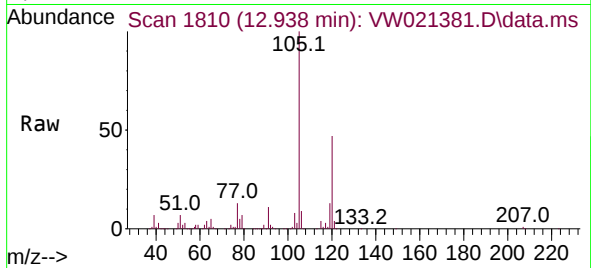
ClientSampleId :

Tgt Ion:105 Resp: 152445

Ion Ratio Lower Upper

105 100

120 49.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.913 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021381.D

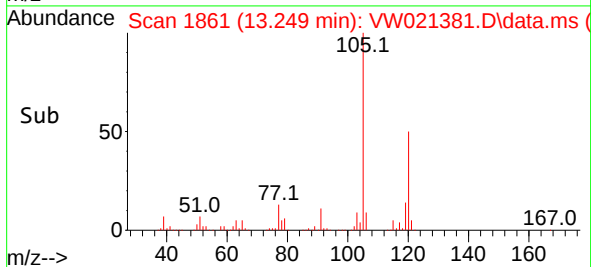
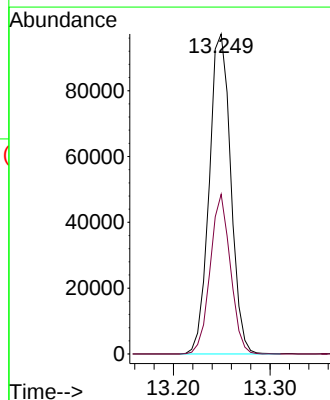
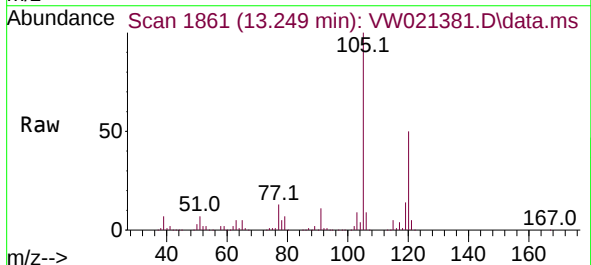
Acq: 15 Dec 2021 10:19

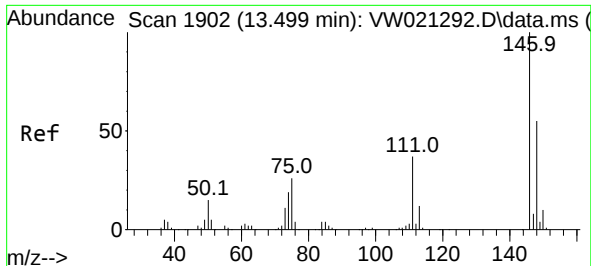
Tgt Ion:105 Resp: 150630

Ion Ratio Lower Upper

105 100

120 46.7 35.0 52.6

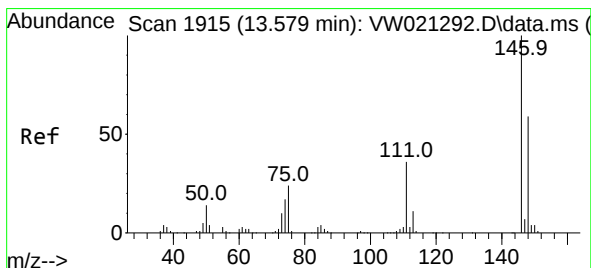
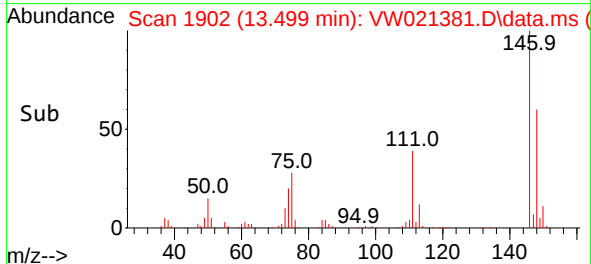
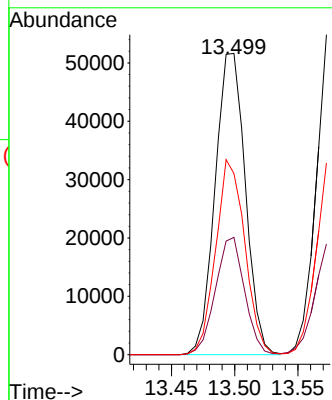
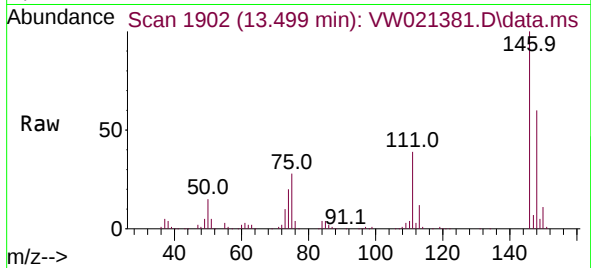




#64
1,3-Dichlorobenzene
Concen: 23.228 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

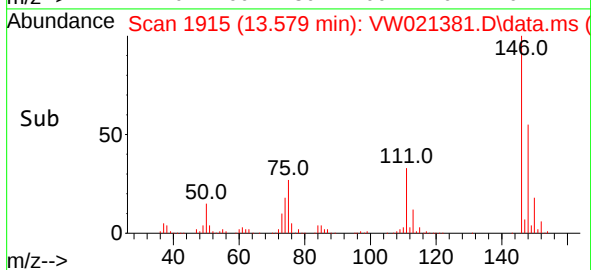
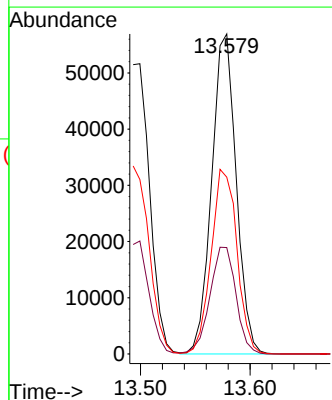
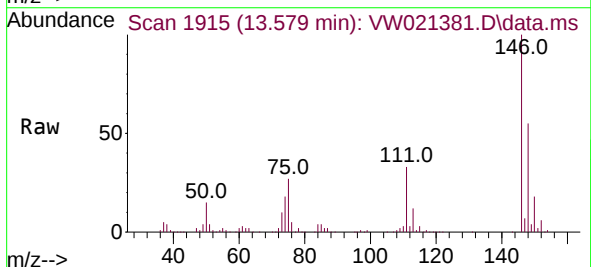
Instrument :
MSVOA_W
ClientSampleId :

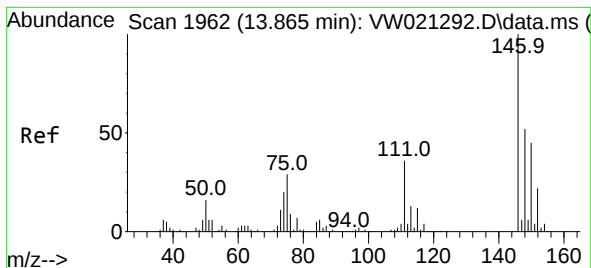
Tgt Ion:146 Resp: 85804
Ion Ratio Lower Upper
146 100
111 38.9 29.8 55.3
148 60.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.198 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

Tgt Ion:146 Resp: 88807
Ion Ratio Lower Upper
146 100
111 33.2 29.0 53.9
148 55.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.161 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :

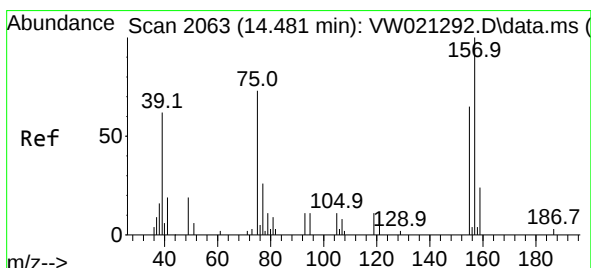
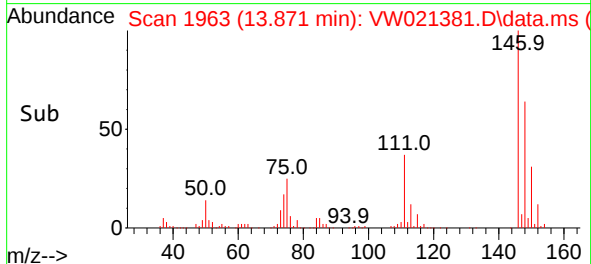
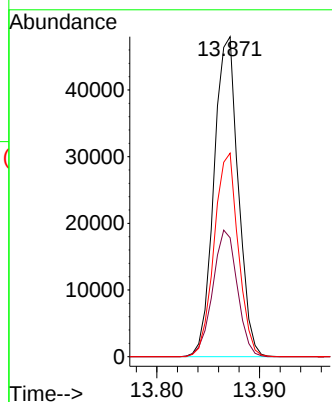
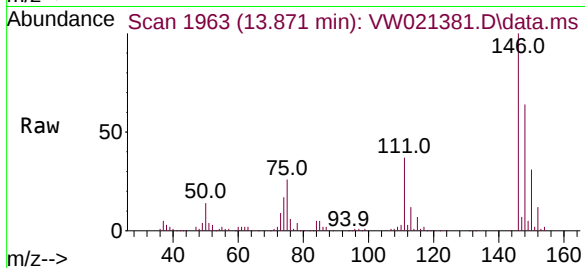
Tgt Ion:146 Resp: 78574

Ion Ratio Lower Upper

146 100

111 37.1 33.1 49.7

148 63.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.680 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

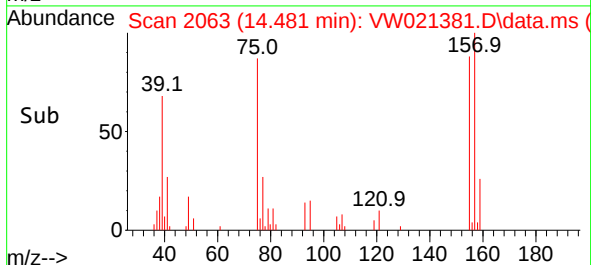
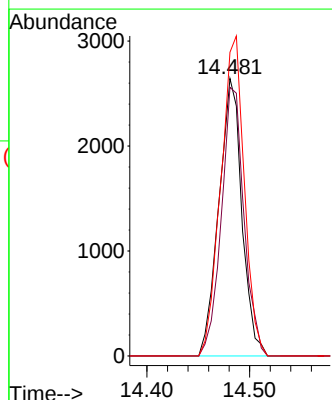
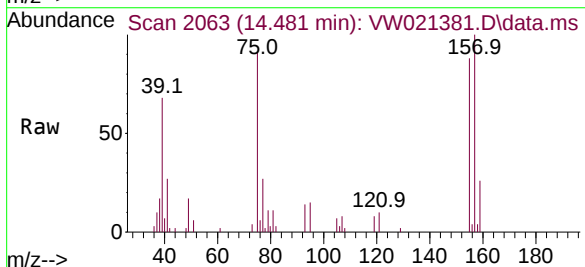
Tgt Ion: 75 Resp: 4097

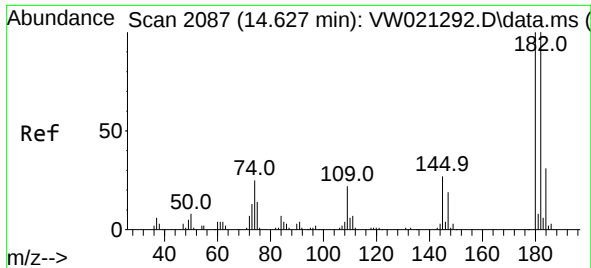
Ion Ratio Lower Upper

75 100

155 96.8 54.2 81.2#

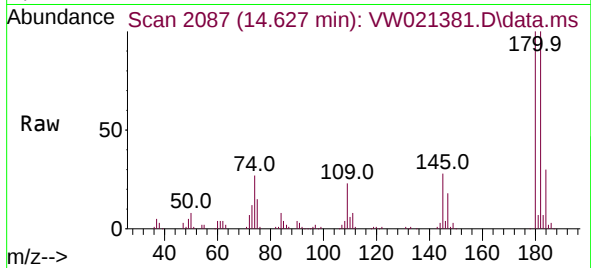
157 109.5 69.4 104.2#



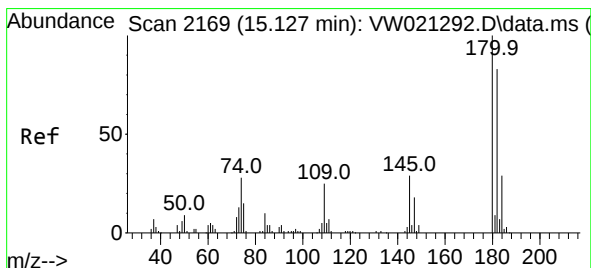
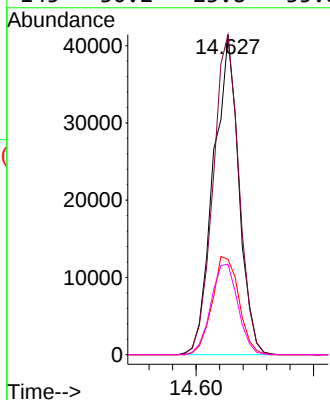
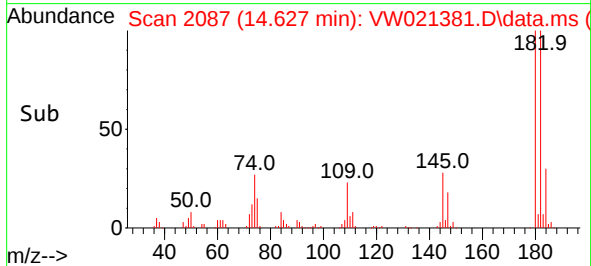


#69
1,3,5-Trichlorobenzene
Concen: 22.427 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19

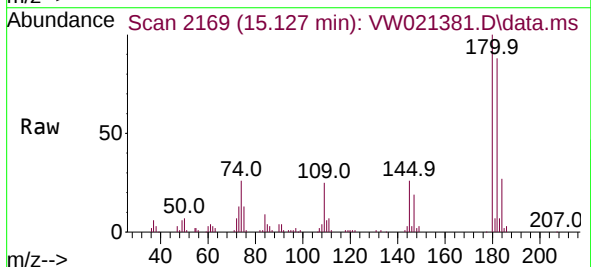
Instrument :
MSVOA_W
ClientSampleId :



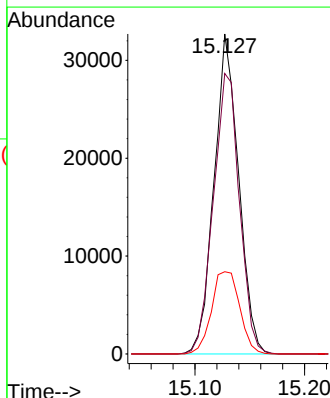
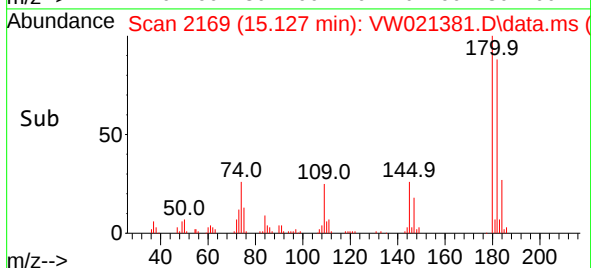
Tgt Ion:180 Resp: 61919
Ion Ratio Lower Upper
180 100
182 102.2 75.4 113.0
184 32.4 23.8 35.8
145 30.2 23.8 35.8

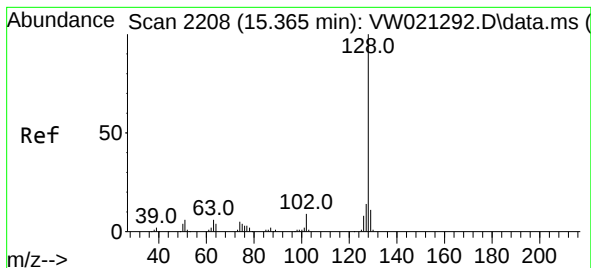


#70
1,2,4-trichlorobenzene
Concen: 22.954 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021381.D
Acq: 15 Dec 2021 10:19



Tgt Ion:180 Resp: 50973
Ion Ratio Lower Upper
180 100
182 92.9 79.0 118.6
145 29.5 26.0 39.0





#71

Naphthalene

Concen: 23.166 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021381.D

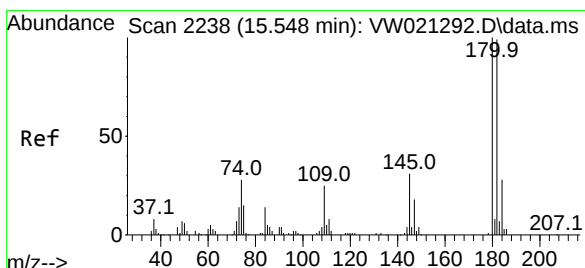
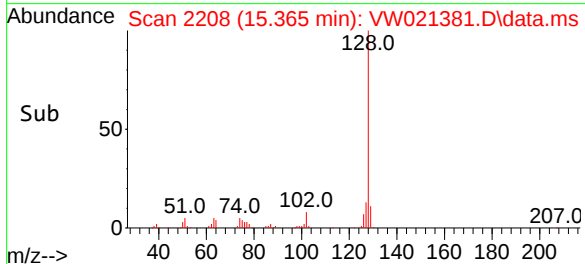
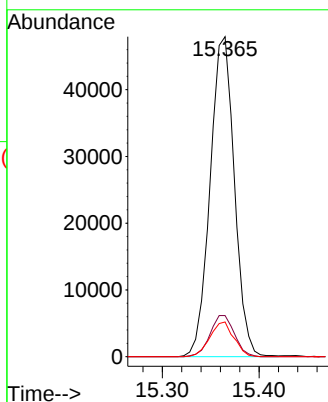
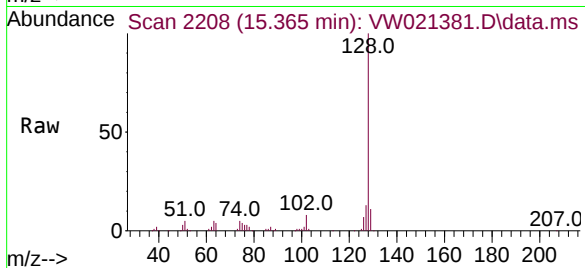
Acq: 15 Dec 2021 10:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	83579
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.7 16.1
129	10.8	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 22.362 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021381.D

Acq: 15 Dec 2021 10:19

Tgt Ion:180	Resp:	41039
Ion Ratio	Lower	Upper
180	100	
182	103.7	76.6 114.8
145	32.3	27.4 41.0

