

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021354.D
 Acq On : 13 Dec 2021 10:10
 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 14 00:31:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	94834	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	86839	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	49513	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44327	25.665	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.640%			
7) Chloroethane-d5	2.885	69	32584	28.538	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.160%			
11) 1,1-Dichloroethene-d2	4.019	63	60116	26.107	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.440%			
21) 2-Butanone-d5	7.079	46	11004	45.198	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.400%			
24) Chloroform-d	7.652	84	64586	24.438	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.760%			
26) 1,2-Dichloroethane-d4	8.305	65	32322	22.992	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.960%			
32) Benzene-d6	8.274	84	126262	26.526	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.120%			
36) 1,2-Dichloropropane-d6	9.274	67	32925	25.792	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.160%			
41) Toluene-d8	10.323	98	123978	25.492	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.960%			
43) trans-1,3-Dichloroprop...	10.579	79	15069	25.637	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 102.560%			
47) 2-Hexanone-d5	10.926	63	8833	46.793	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.580%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26547	24.191	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.760%			
66) 1,2-Dichlorobenzene-d4	13.853	152	43099	22.460	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	7595	20.728	ug/L	100
3) Chloromethane	2.214	50	28027	23.104	ug/L	100
5) Vinyl chloride	2.361	62	48099	25.257	ug/L	99
6) Bromomethane	2.775	94	31913	25.836	ug/L	99
8) Chloroethane	2.922	64	24912	28.395	ug/L	99
9) Trichlorofluoromethane	3.257	101	28811	28.673	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	34093	26.035	ug/L	91
12) 1,1-Dichloroethene	4.037	96	30837	26.233	ug/L	82
13) Acetone	4.129	43	7634	34.977	ug/L	90
14) Carbon disulfide	4.385	76	88234	29.066	ug/L	100
15) Methyl Acetate	4.671	43	8516	22.613	ug/L #	91
16) Methylene chloride	4.915	84	30437	19.424	ug/L	84
17) trans-1,2-Dichloroethene	5.427	96	32223	25.317	ug/L	81
18) Methyl tert-butyl Ether	5.427	73	39395	22.411	ug/L #	84
19) 1,1-Dichloroethane	6.214	63	50393	25.231	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	33183	24.718	ug/L	71
22) 2-Butanone	7.177	43	11334	39.764	ug/L	84
23) Bromochloromethane	7.512	128	15865	25.274	ug/L #	64
25) Chloroform	7.677	83	57777	24.920	ug/L	98

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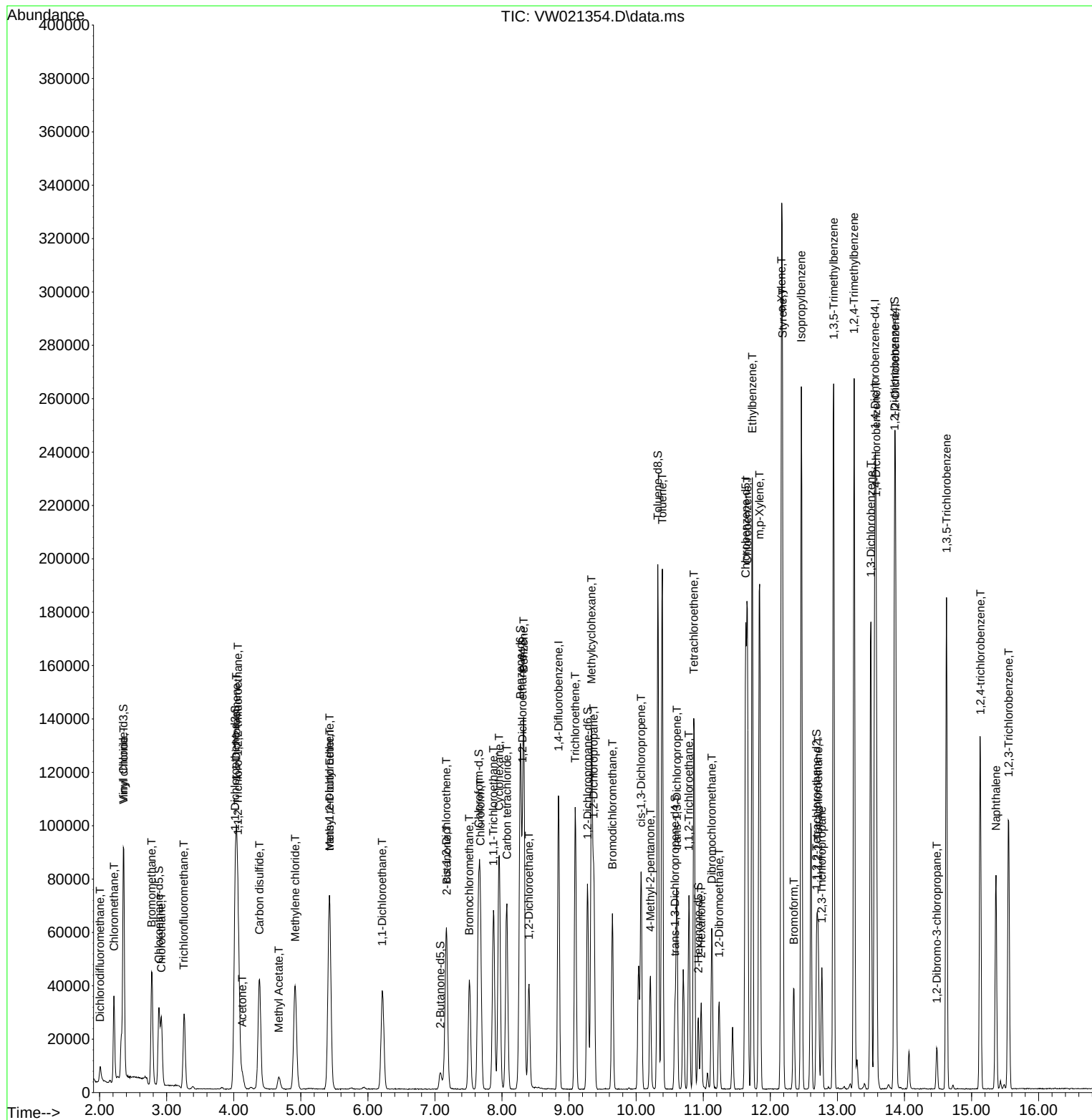
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	34411	23.437	ug/L	96
29) Cyclohexane	7.957	56	43798	25.339	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	53198	27.303	ug/L	94
31) Carbon tetrachloride	8.073	117	51363	28.576	ug/L	98
33) Benzene	8.323	78	121082	25.596	ug/L	100
34) Trichloroethene	9.091	95	33965	25.577	ug/L	88
35) Methylcyclohexane	9.335	83	54696	24.969	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	26714	25.317	ug/L #	95
38) Bromodichloromethane	9.646	83	41738	28.769	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	44139	26.536	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	25685	44.674	ug/L #	91
42) Toluene	10.390	91	138744	25.077	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	38129	26.171	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	21753	25.187	ug/L	97
46) Tetrachloroethene	10.859	164	30423	24.117	ug/L	92
48) 2-Hexanone	10.969	43	19455	46.661	ug/L #	95
49) Dibromochloromethane	11.127	129	30818	28.945	ug/L	100
50) 1,2-Dibromoethane	11.237	107	21499	25.014	ug/L	95
51) Chlorobenzene	11.658	112	92424	24.952	ug/L	92
52) Ethylbenzene	11.731	91	154937	24.506	ug/L	96
53) m,p-Xylene	11.841	106	62933	24.675	ug/L	87
54) o-Xylene	12.164	106	59107	24.419	ug/L	91
55) Styrene	12.182	104	102819	24.959	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	23632	23.870	ug/L #	93
59) Bromoform	12.353	173	18073	30.677	ug/L	100
60) Isopropylbenzene	12.463	105	163055	24.236	ug/L	95
61) 1,2,3-Trichloropropane	12.767	75	16815	23.335	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.944	105	138317	24.160	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	137637	24.371	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	73029	23.013	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	75314	23.887	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	66559	23.824	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.480	75	3681	24.765	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	57068	24.061	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	40444	21.200	ug/L	96
71) Naphthalene	15.364	128	67226	21.690	ug/L	100
72) 1,2,3-Trichlorobenzene	15.553	180	37550	23.817	ug/L	92

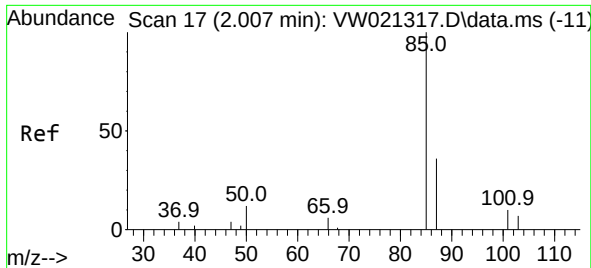
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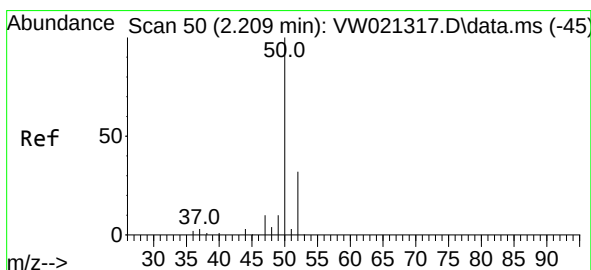
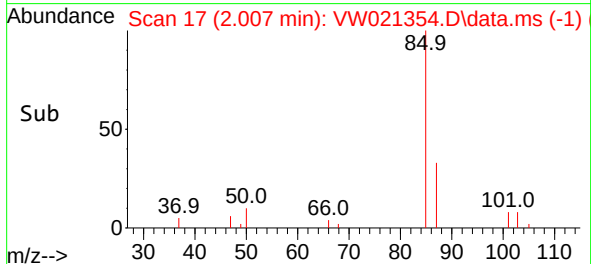
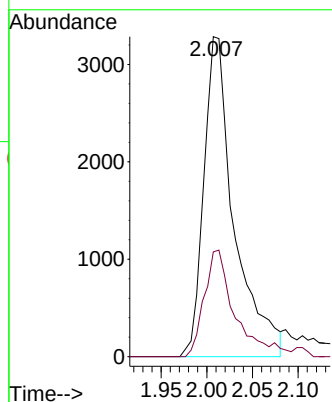
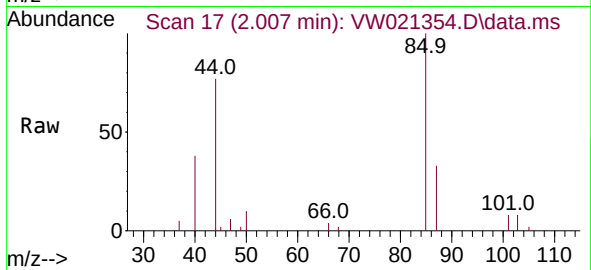




#2
 Dichlorodifluoromethane
 Concen: 20.728 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021354.D
 Acq: 13 Dec 2021 10:10

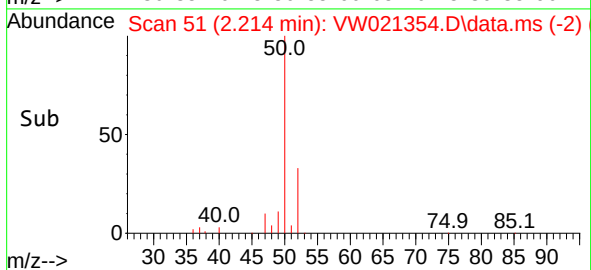
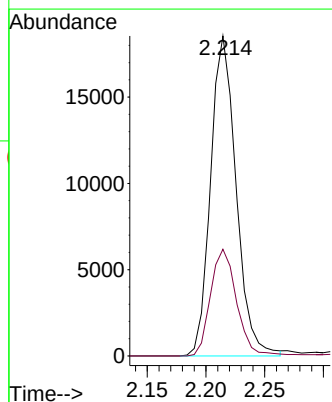
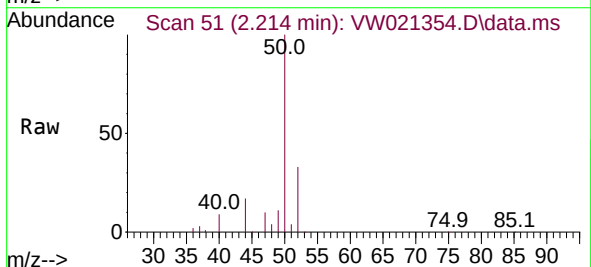
Instrument :
 MSVOA_W
 ClientSampleId :

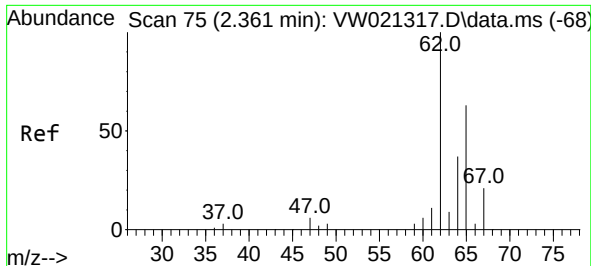
Tgt Ion: 85 Resp: 7595
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 23.104 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW021354.D
 Acq: 13 Dec 2021 10:10

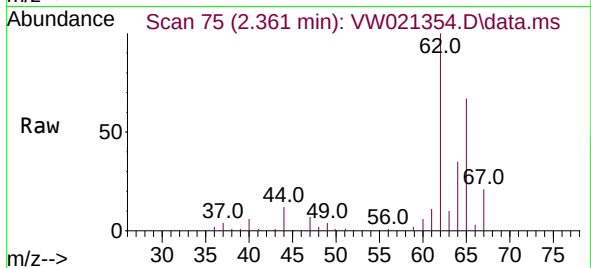
Tgt Ion: 50 Resp: 28027
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.4 43.6



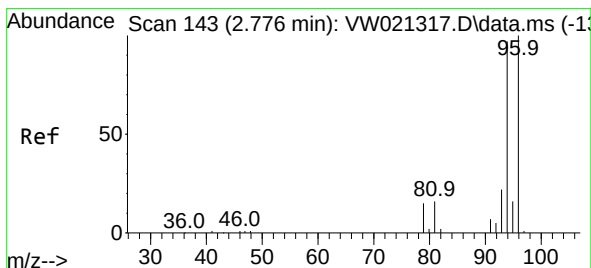
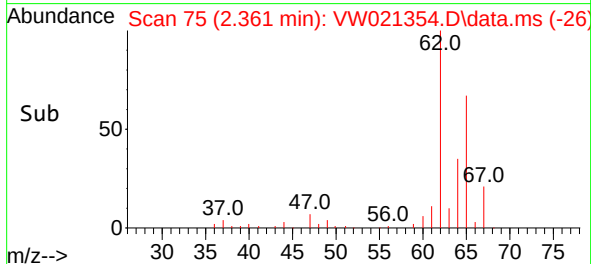
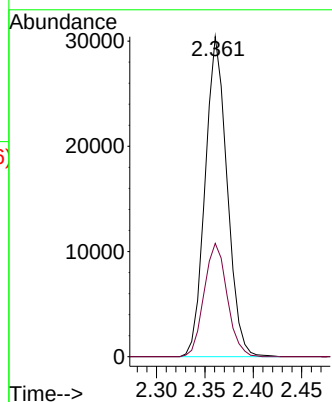


#5
 Vinyl chloride
 Concen: 25.257 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW021354.D
 Acq: 13 Dec 2021 10:10

Instrument :
 MSVOA_W
 ClientSampleId :

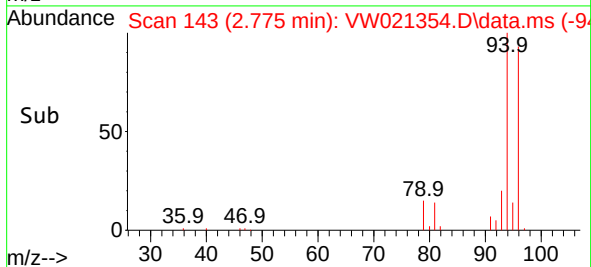
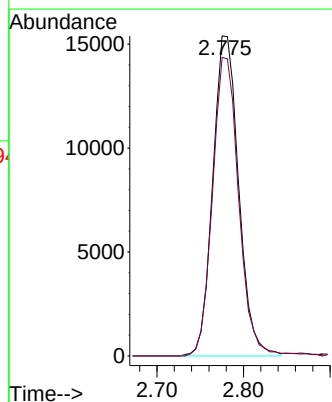
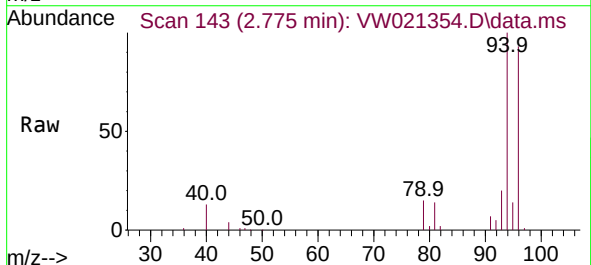


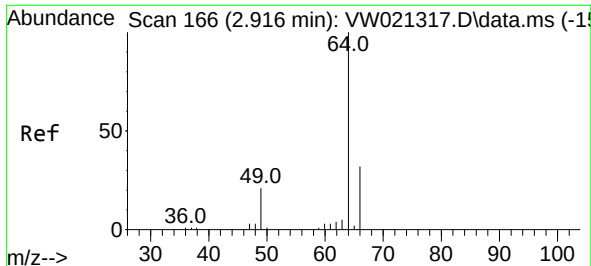
Tgt Ion: 62 Resp: 48099
 Ion Ratio Lower Upper
 62 100
 64 35.4 24.4 45.2



#6
 Bromomethane
 Concen: 25.836 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW021354.D
 Acq: 13 Dec 2021 10:10

Tgt Ion: 94 Resp: 31913
 Ion Ratio Lower Upper
 94 100
 96 93.3 64.8 120.4





#8

Chloroethane

Concen: 28.395 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

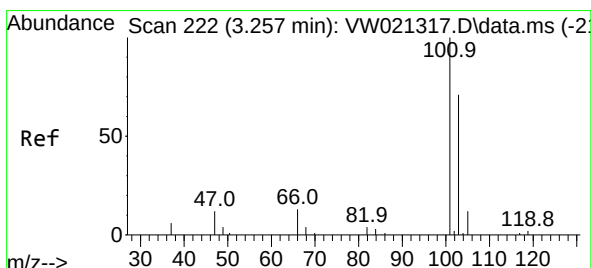
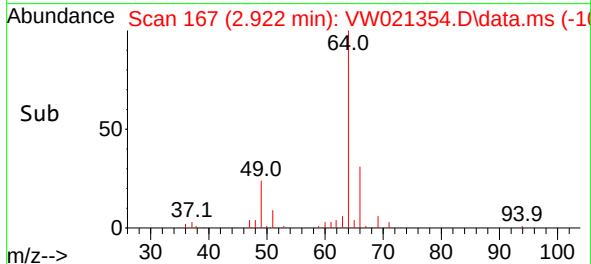
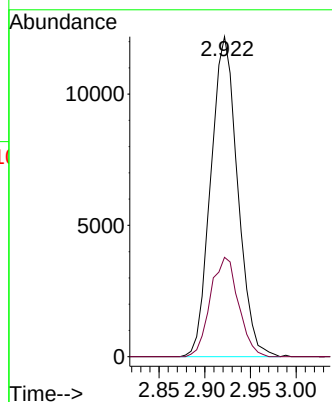
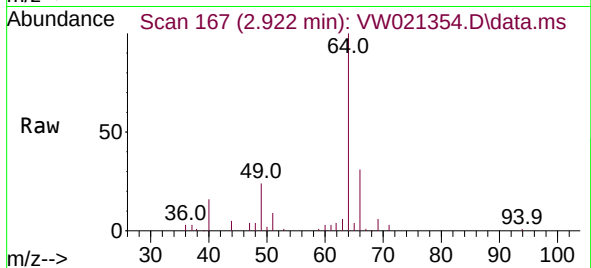
ClientSampleId :

Tgt Ion: 64 Resp: 24912

Ion Ratio Lower Upper

64 100

66 31.1 22.0 40.8



#9

Trichlorofluoromethane

Concen: 28.673 ug/L

RT: 3.257 min Scan# 222

Delta R.T. 0.006 min

Lab File: VW021354.D

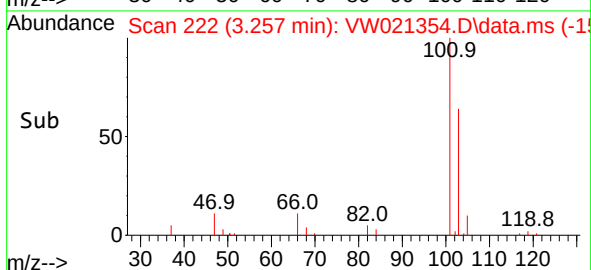
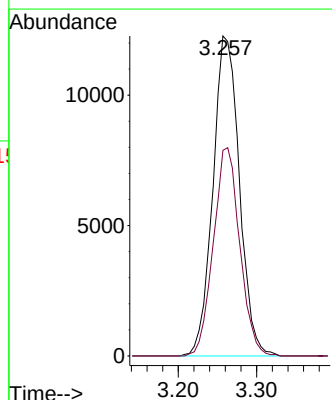
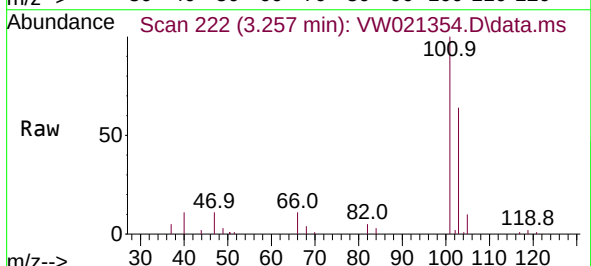
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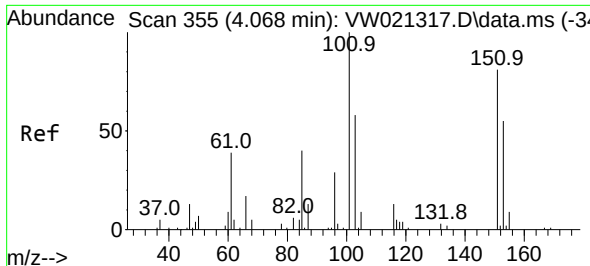
Tgt Ion:101 Resp: 28811

Ion Ratio Lower Upper

101 100

103 64.9 51.4 77.2

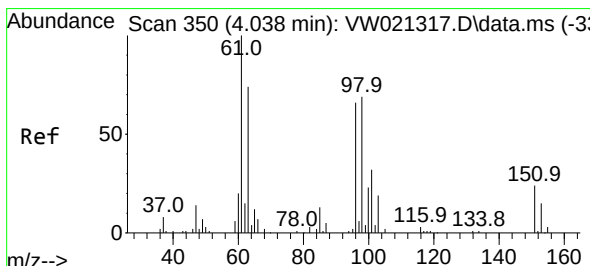
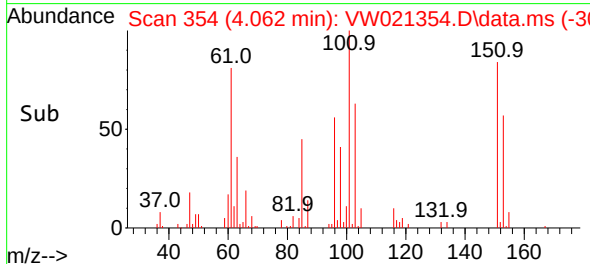
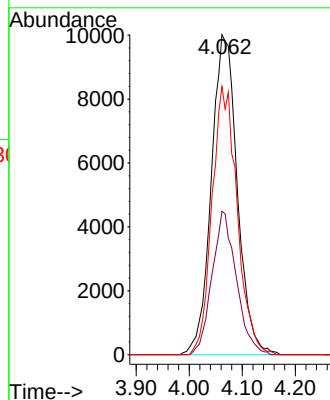
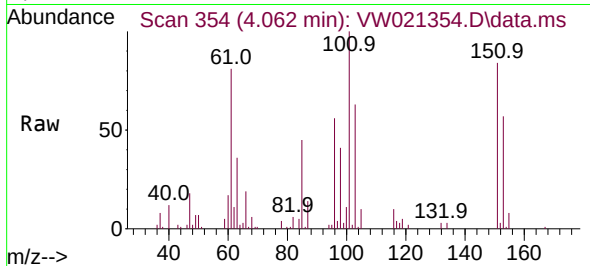




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.035 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VW021354.D
 Acq: 13 Dec 2021 10:10

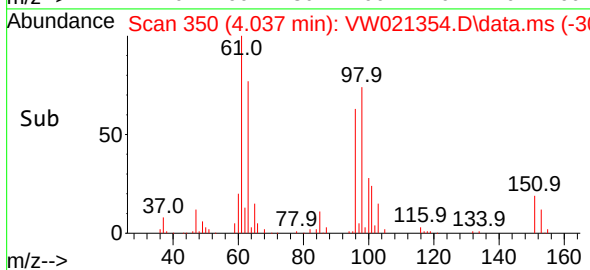
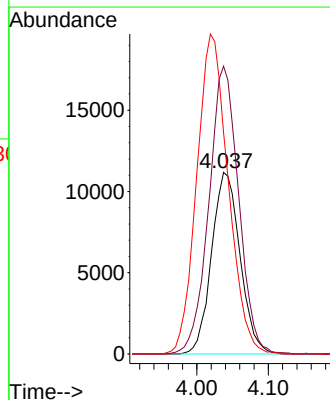
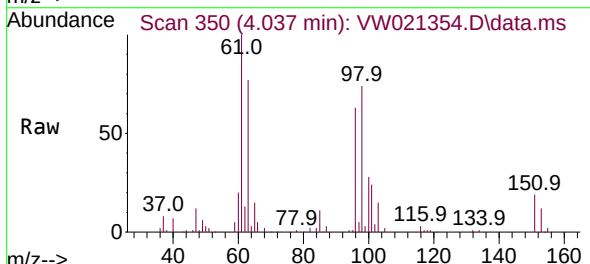
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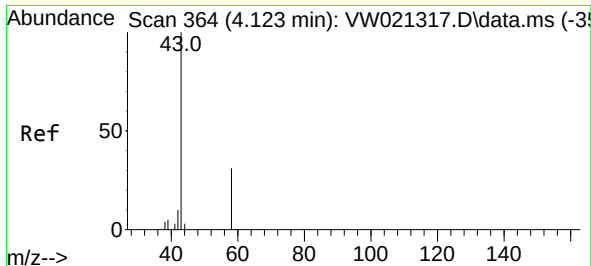
Tgt Ion:101 Resp: 34093
 Ion Ratio Lower Upper
 101 100
 85 41.9 36.6 54.8
 151 81.2 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 26.233 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.007 min
 Lab File: VW021354.D
 Acq: 13 Dec 2021 10:10

Tgt Ion: 96 Resp: 30837
 Ion Ratio Lower Upper
 96 100
 61 158.5 138.3 256.9
 63 122.0 82.6 153.4

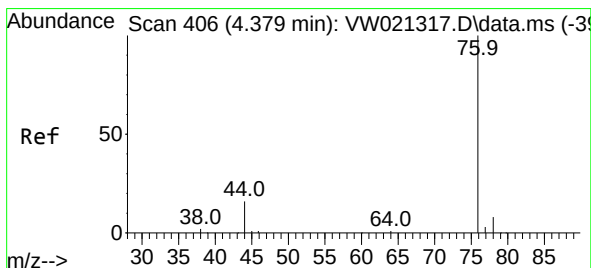
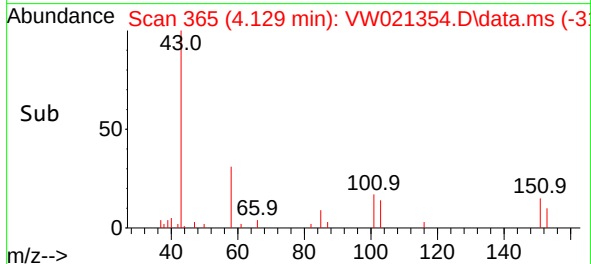
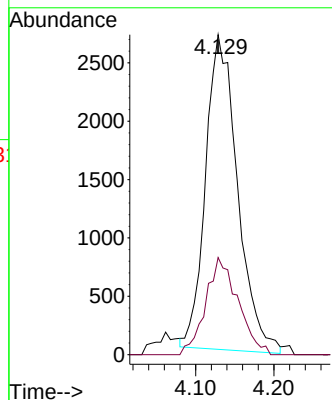
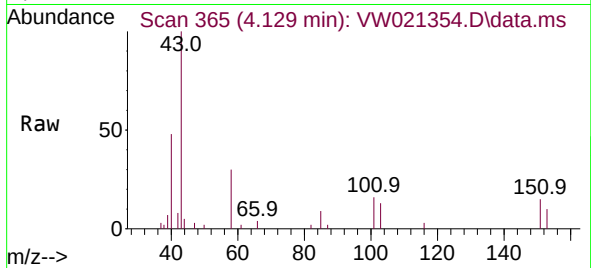




#13
Acetone
Concen: 34.977 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

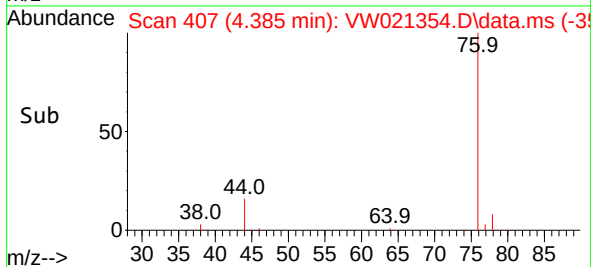
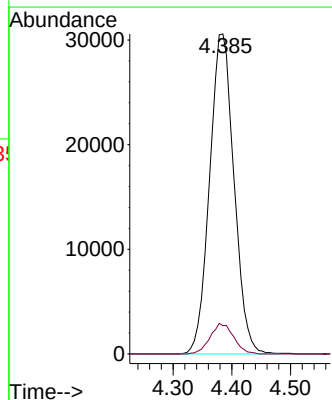
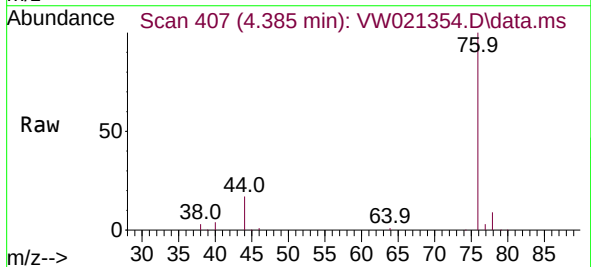
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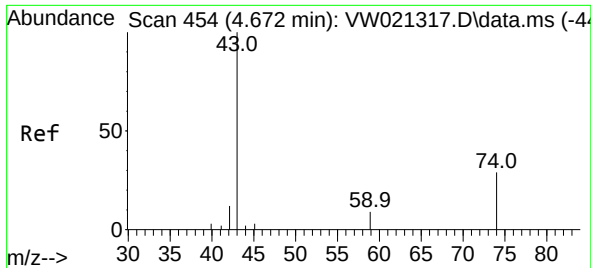
Tgt Ion: 43 Resp: 7634
Ion Ratio Lower Upper
43 100
58 31.3 0.0 52.8



#14
Carbon disulfide
Concen: 29.066 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 88234
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

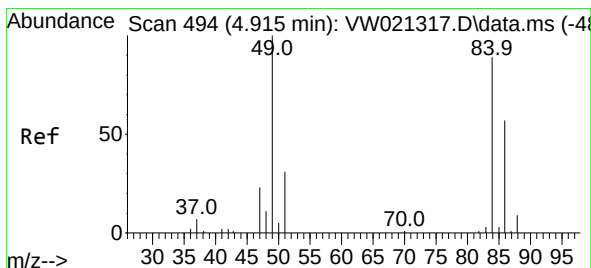
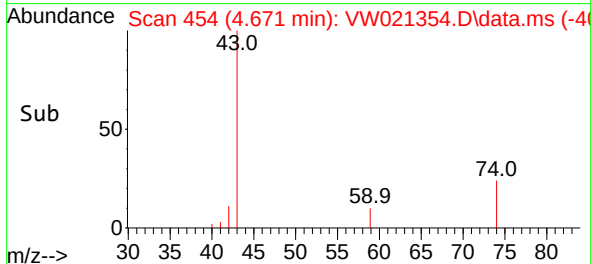
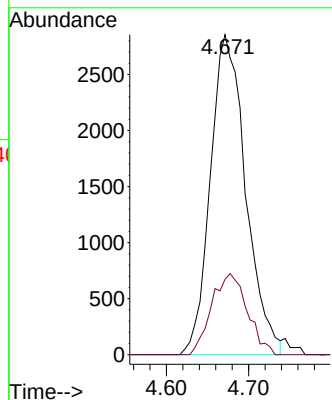
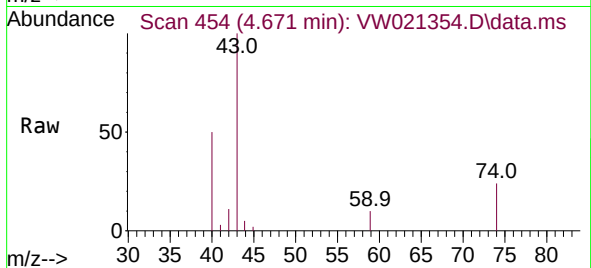




#15
Methyl Acetate
Concen: 22.613 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

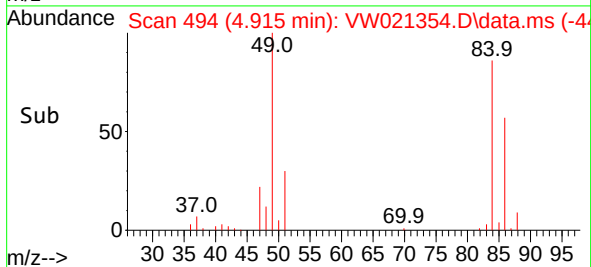
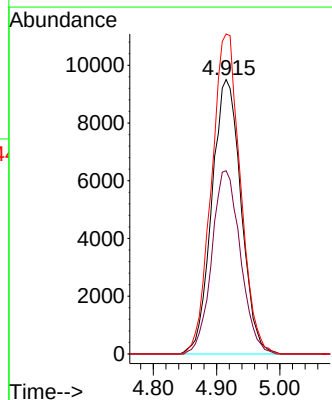
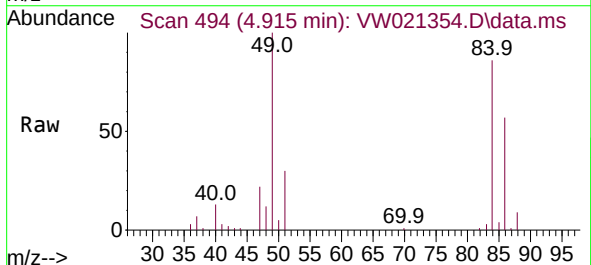
Instrument :
MSVOA_W
ClientSampleId :

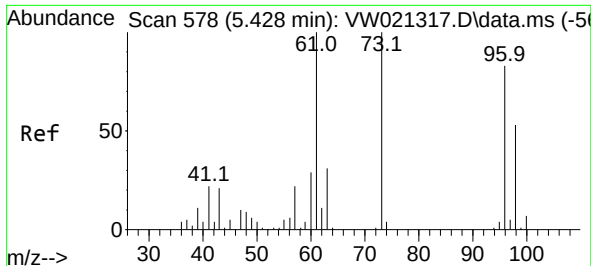
Tgt Ion: 43 Resp: 8516
Ion Ratio Lower Upper
43 100
74 24.9 16.4 24.6#



#16
Methylene chloride
Concen: 19.424 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

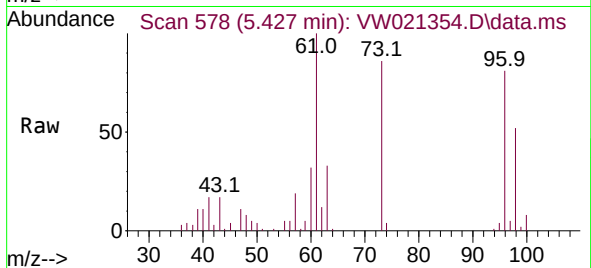
Tgt Ion: 84 Resp: 30437
Ion Ratio Lower Upper
84 100
86 66.8 45.5 84.5
49 116.6 100.5 186.7



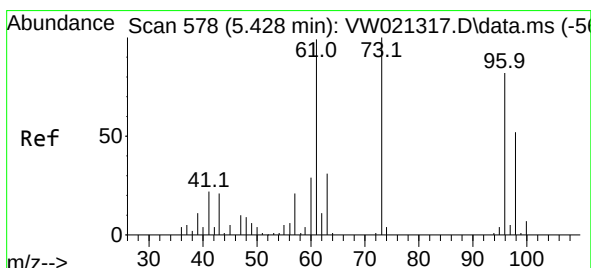
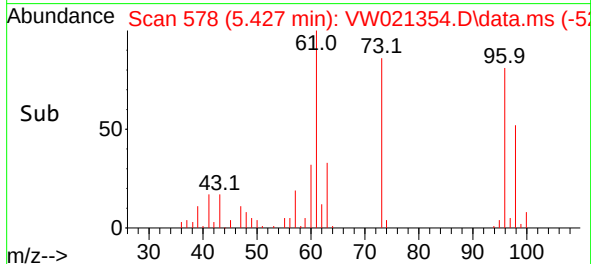
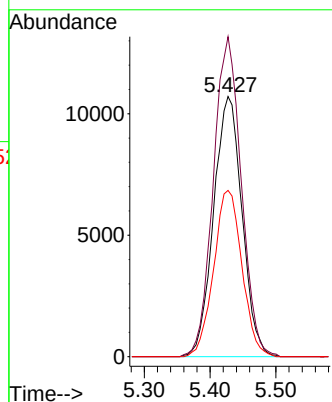


#17
trans-1,2-Dichloroethene
Concen: 25.317 ug/L
RT: 5.427 min Scan# 517
Delta R.T. 0.006 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Instrument :
MSVOA_W
ClientSampleId :

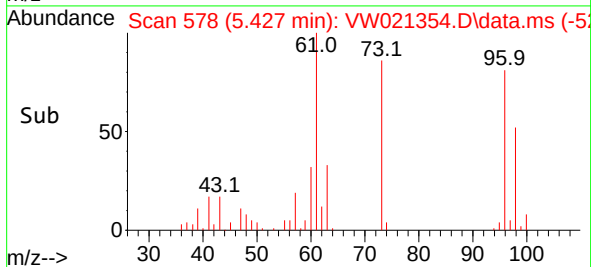
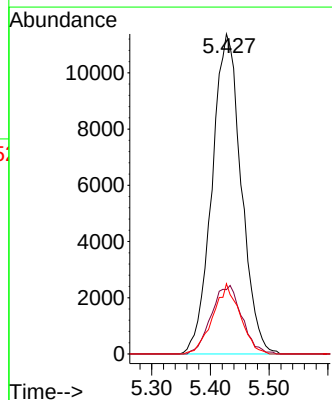
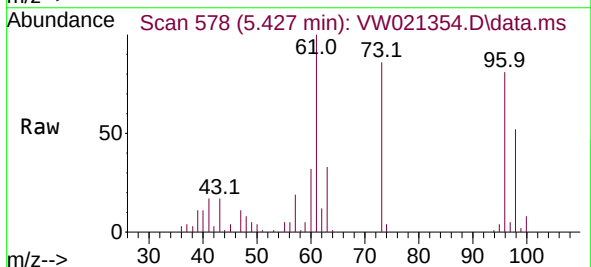


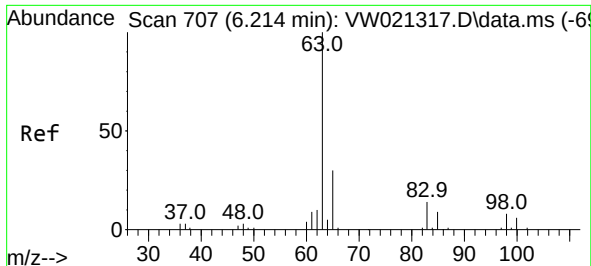
Tgt Ion: 96 Resp: 32223
Ion Ratio Lower Upper
96 100
61 123.0 107.4 199.4
98 63.9 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 22.411 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion: 73 Resp: 39395
Ion Ratio Lower Upper
73 100
43 12.1 19.5 29.3#
57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.231 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021354.D

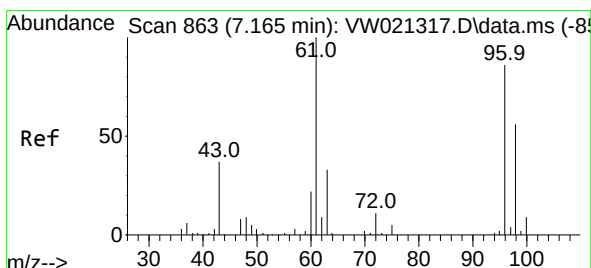
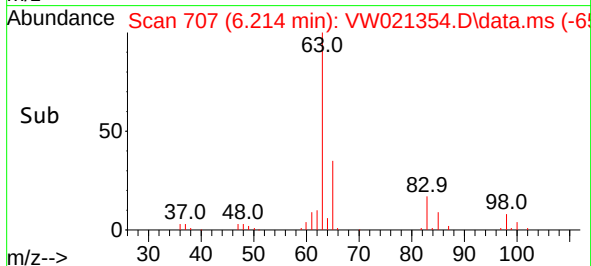
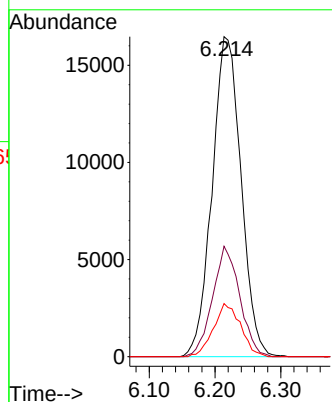
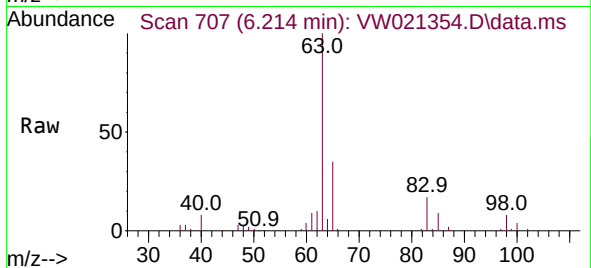
Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	50393
Ion	Ratio	Lower	Upper
63	100		
65	34.5	22.1	41.1
83	16.6	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 24.718 ug/L

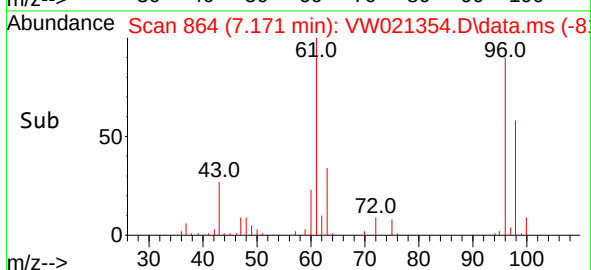
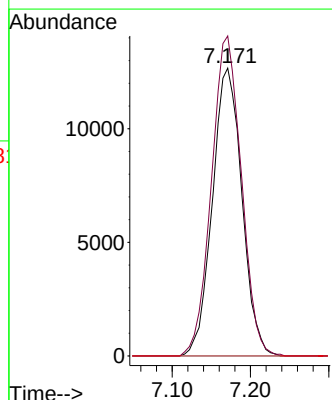
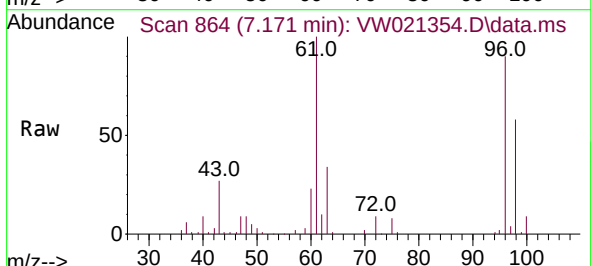
RT: 7.171 min Scan# 864

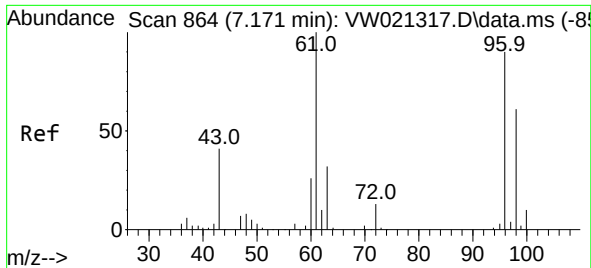
Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Tgt Ion:	96	Resp:	33183
Ion	Ratio	Lower	Upper
96	100		
61	111.1	103.7	192.7
68	0.0	0.0	0.0

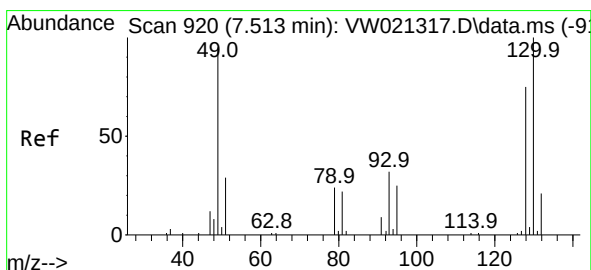
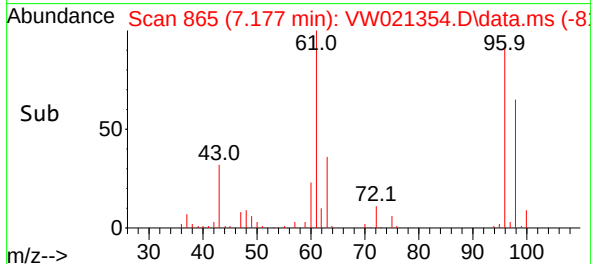
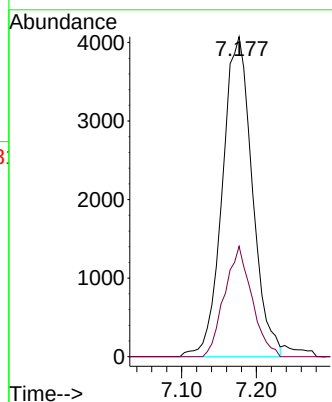
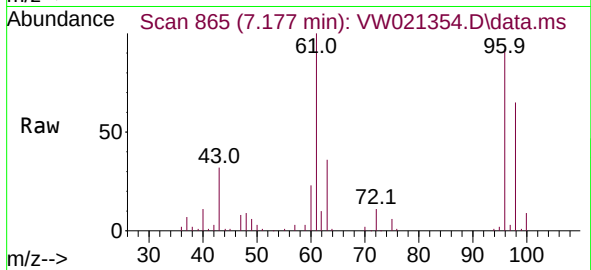




#22
2-Butanone
Concen: 39.764 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

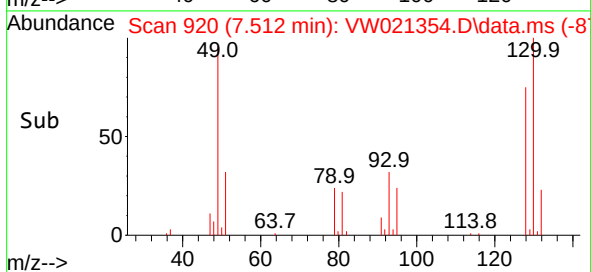
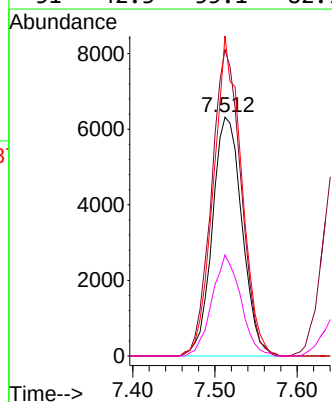
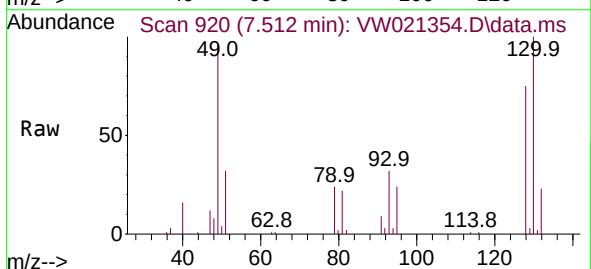
Instrument :
MSVOA_W
ClientSampleId :

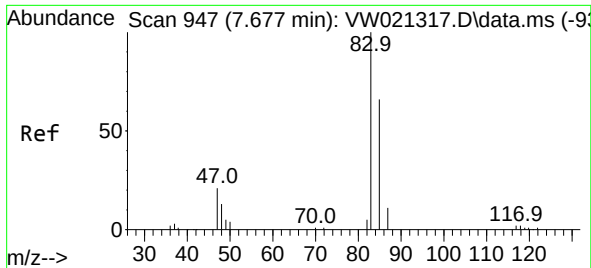
Tgt Ion: 43 Resp: 11334
Ion Ratio Lower Upper
43 100
72 31.4 11.8 35.4



#23
Bromochloromethane
Concen: 25.274 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion: 128 Resp: 15865
Ion Ratio Lower Upper
128 100
49 128.3 150.3 279.1#
130 134.0 88.3 163.9
51 42.3 55.1 82.7#

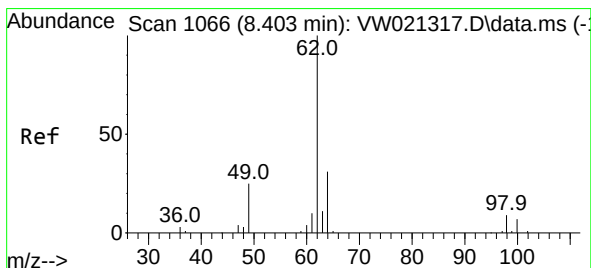
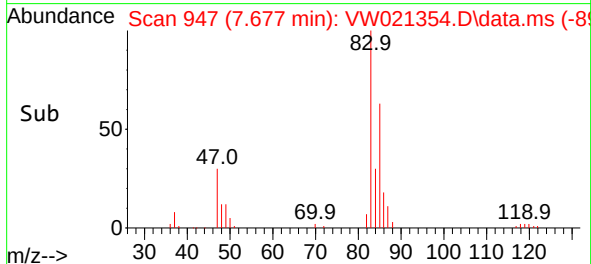
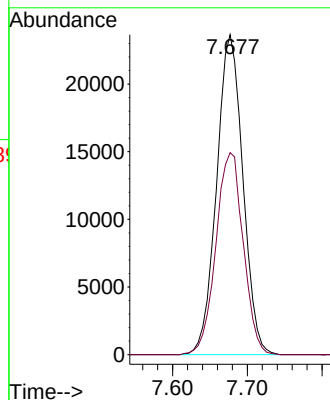
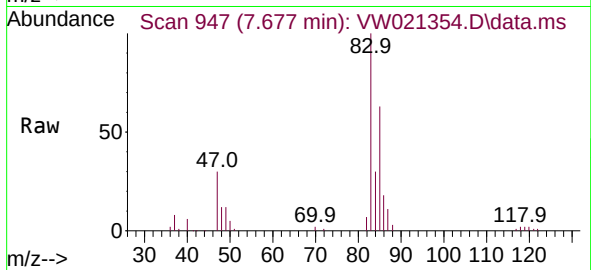




#25
Chloroform
Concen: 24.920 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

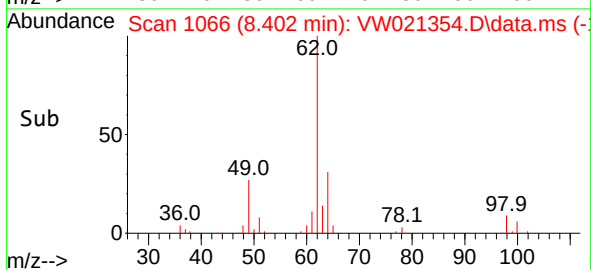
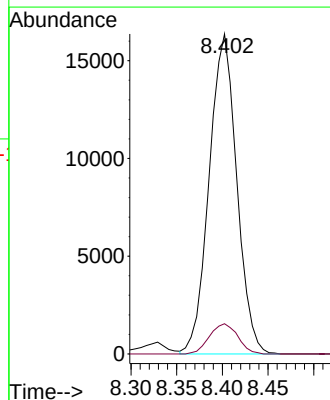
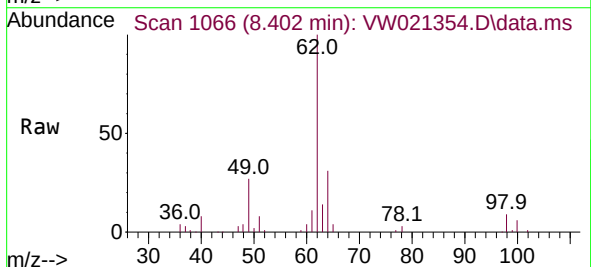
Instrument :
MSVOA_W
ClientSampleId :

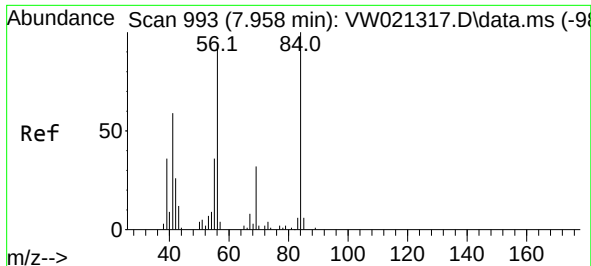
Tgt Ion: 83 Resp: 57777
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.437 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion: 62 Resp: 34411
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7





#29

Cyclohexane

Concen: 25.339 ug/L

RT: 7.957 min Scan# 993

Delta R.T. -0.000 min

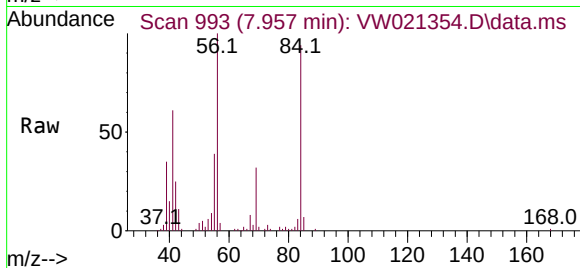
Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

ClientSampleId :



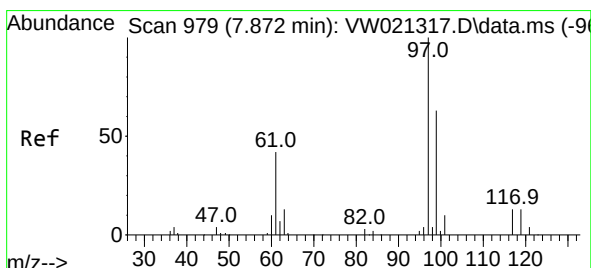
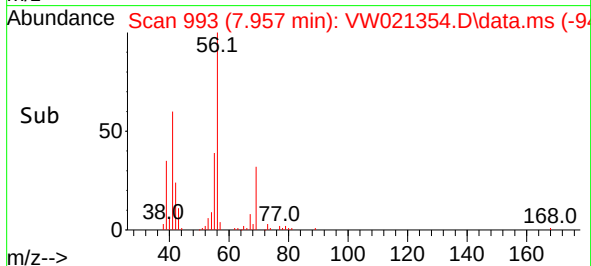
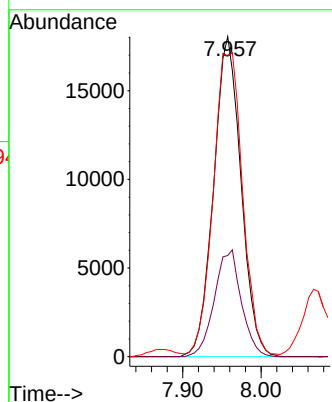
Tgt Ion: 56 Resp: 43798

Ion Ratio Lower Upper

56 100

69 32.9 23.5 35.3

84 102.5 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 27.303 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

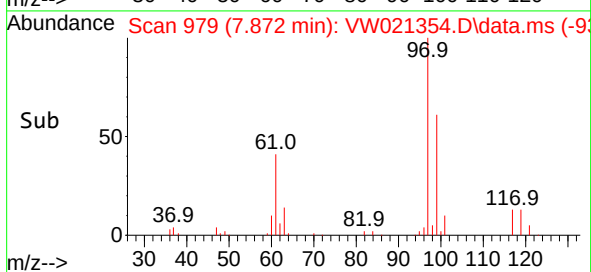
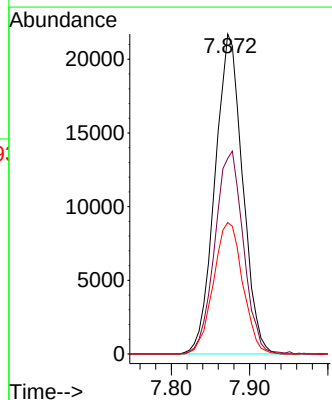
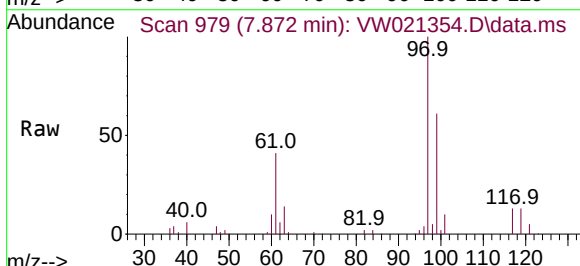
Tgt Ion: 97 Resp: 53198

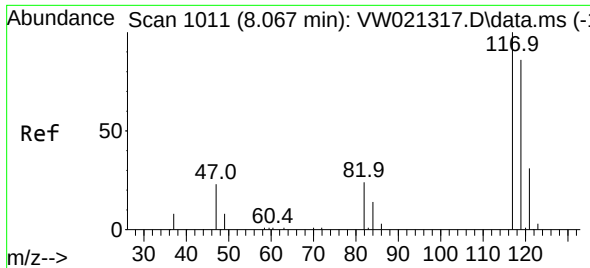
Ion Ratio Lower Upper

97 100

99 65.6 51.6 77.4

61 43.5 40.9 61.3

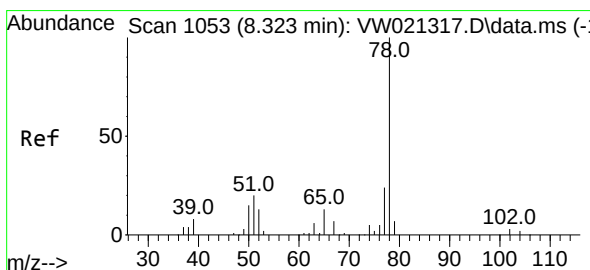
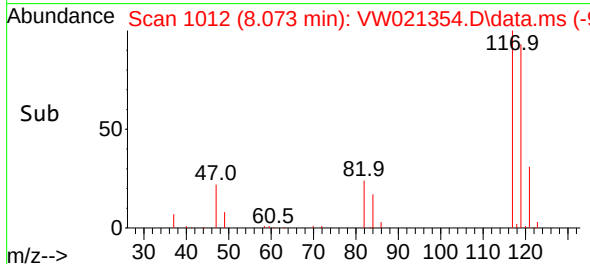
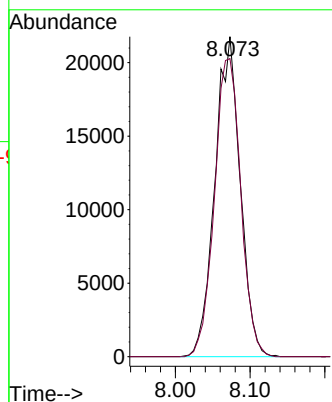
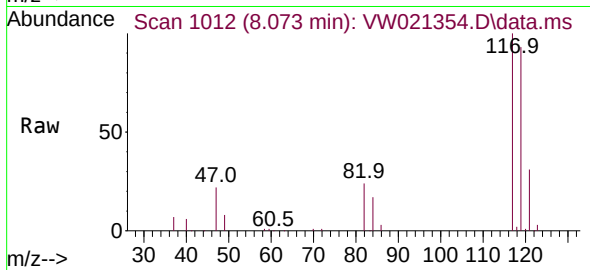




#31
Carbon tetrachloride
Concen: 28.576 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

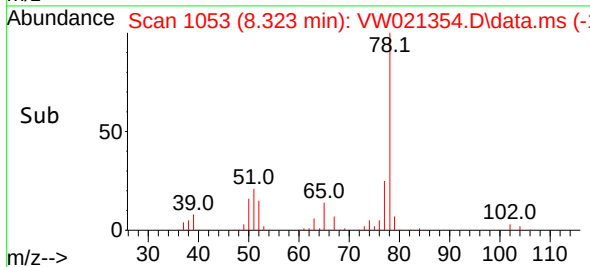
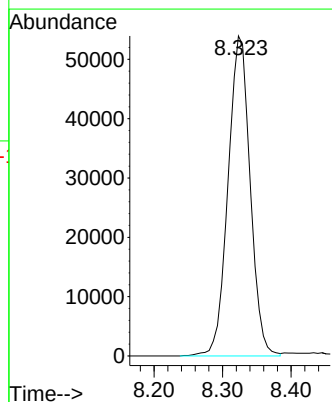
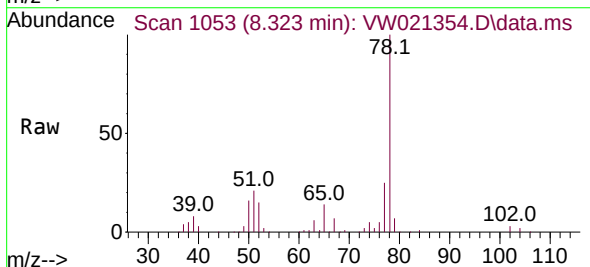
Instrument :
MSVOA_W
ClientSampleId :

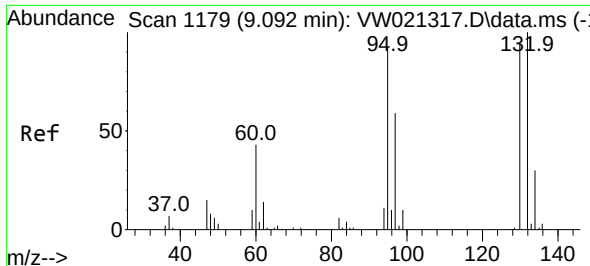
Tgt Ion:117 Resp: 51363
Ion Ratio Lower Upper
117 100
119 97.0 75.7 113.5



#33
Benzene
Concen: 25.596 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion: 78 Resp: 121082





#34

Trichloroethene

Concen: 25.577 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 33965

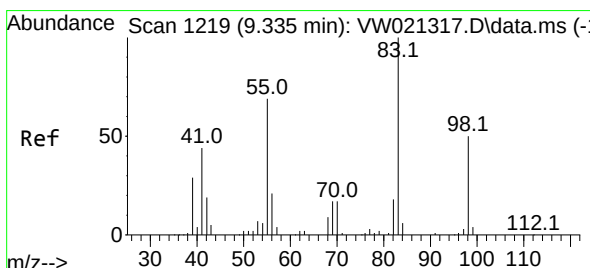
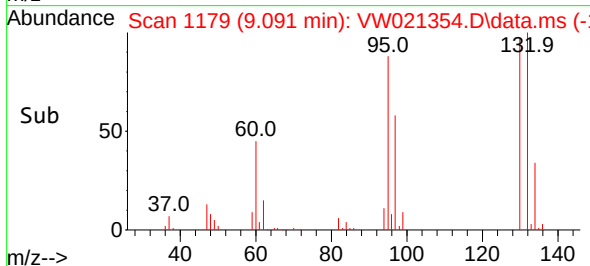
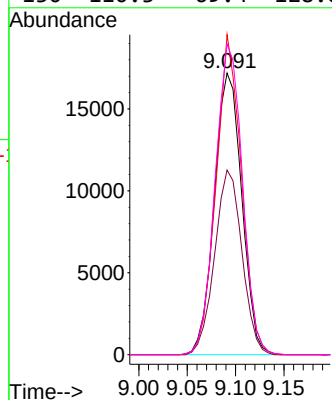
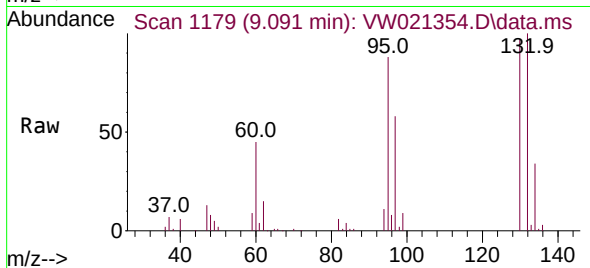
Ion Ratio Lower Upper

95 100

97 65.6 47.0 87.2

132 113.6 65.5 121.6

130 110.3 69.4 128.8



#35

Methylcyclohexane

Concen: 24.969 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

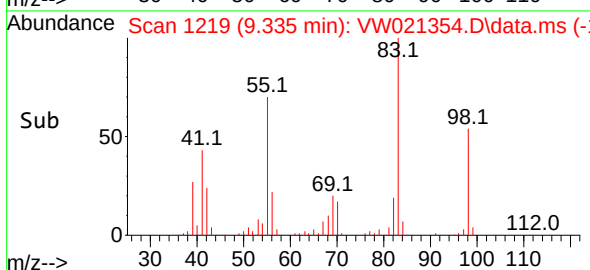
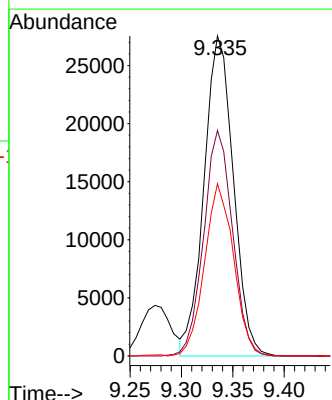
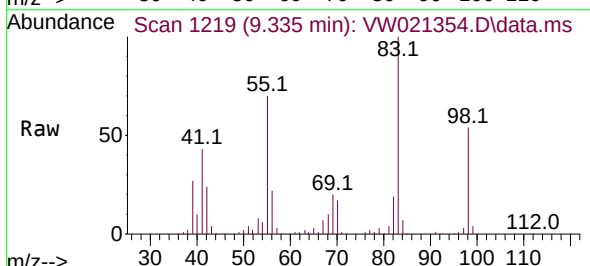
Tgt Ion: 83 Resp: 54696

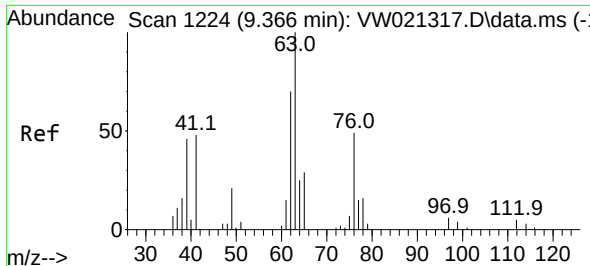
Ion Ratio Lower Upper

83 100

55 69.3 70.8 106.2#

98 53.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 25.317 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

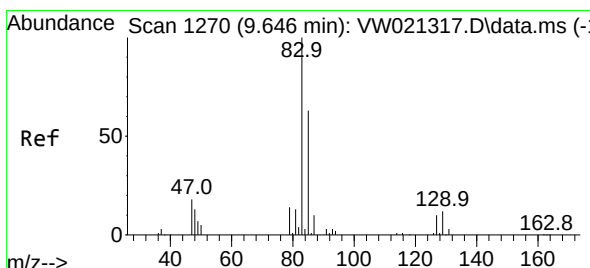
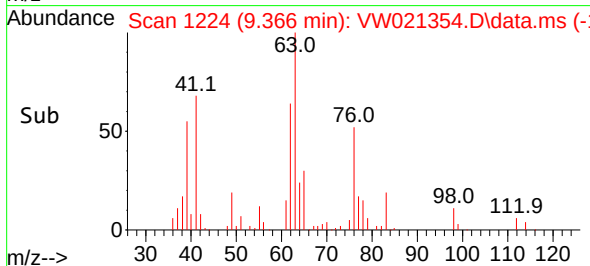
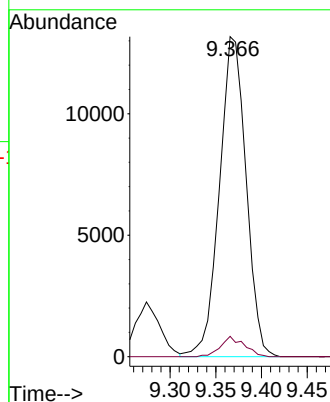
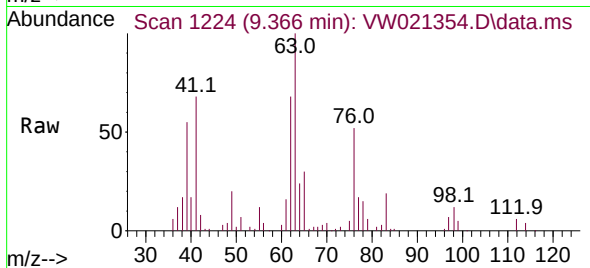
ClientSampleId :

Tgt Ion: 63 Resp: 26714

Ion Ratio Lower Upper

63 100

112 5.6 3.2 4.8#



#38

Bromodichloromethane

Concen: 28.769 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

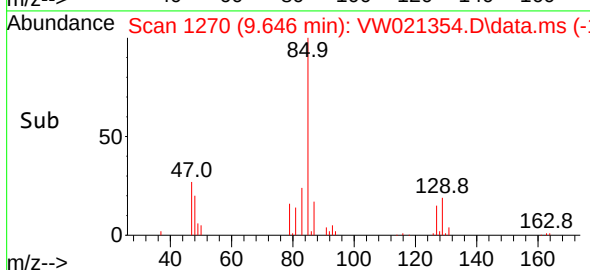
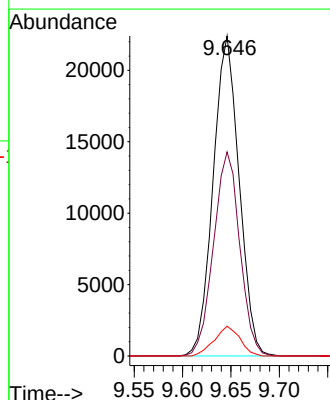
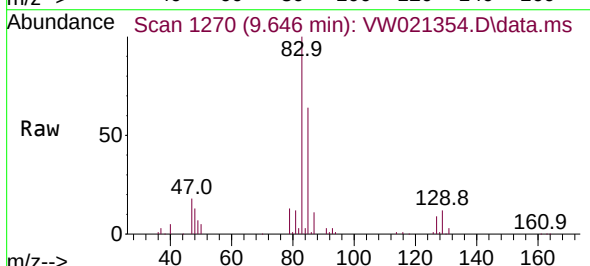
Tgt Ion: 83 Resp: 41738

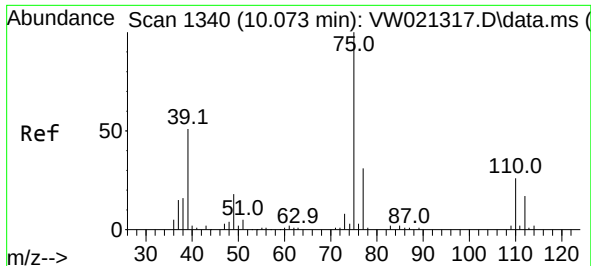
Ion Ratio Lower Upper

83 100

85 63.8 44.1 81.9

127 9.3 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 26.536 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

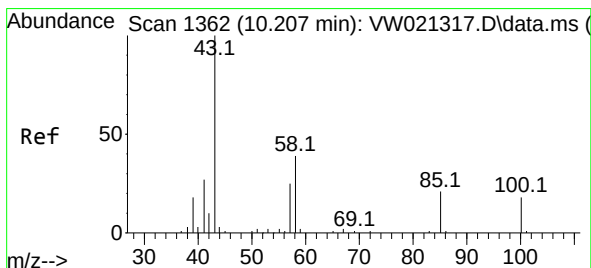
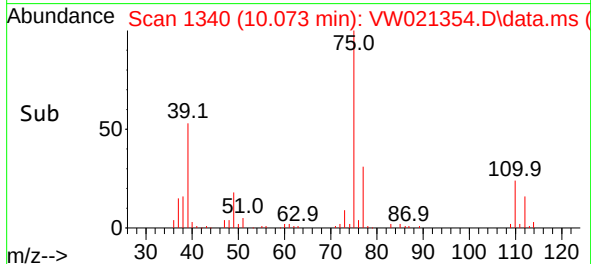
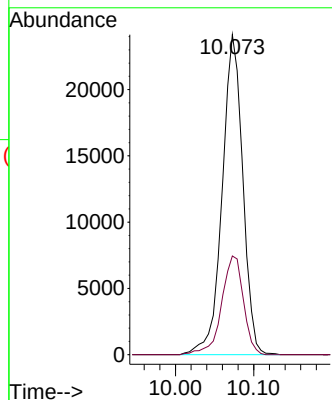
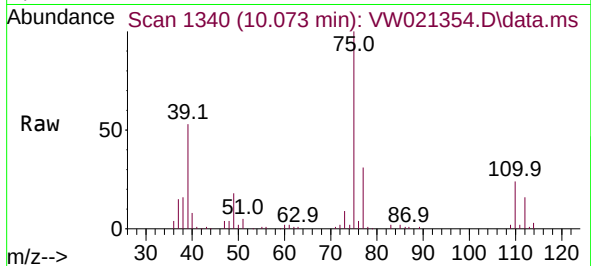
ClientSampleId :

Tgt Ion: 75 Resp: 44139

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 44.674 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.006 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

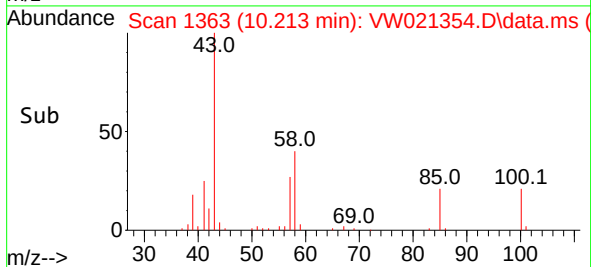
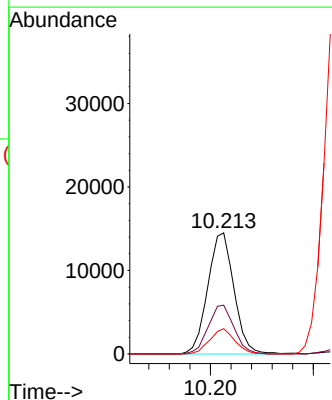
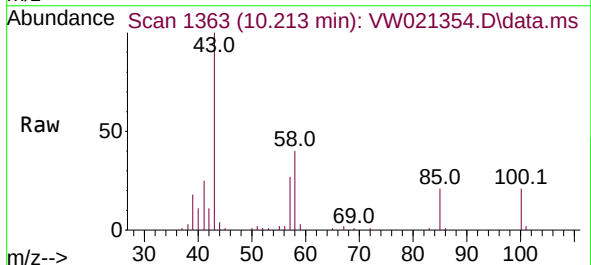
Tgt Ion: 43 Resp: 25685

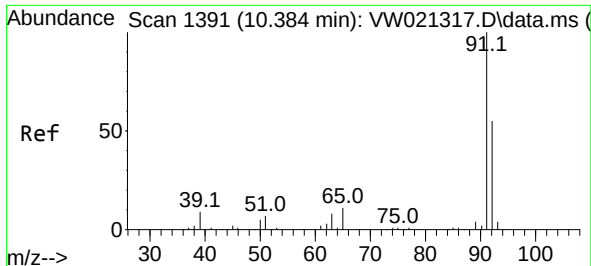
Ion Ratio Lower Upper

43 100

58 39.6 28.8 43.2

100 19.9 10.0 15.0#

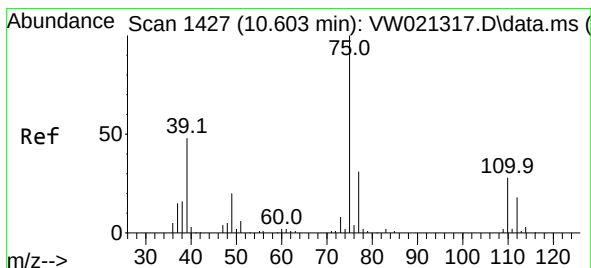
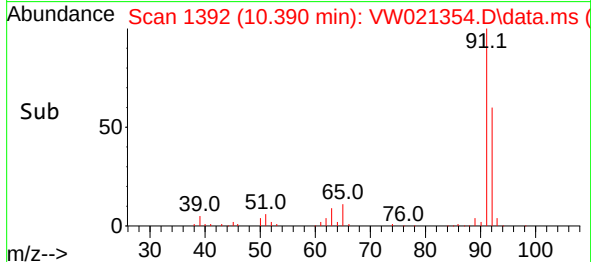
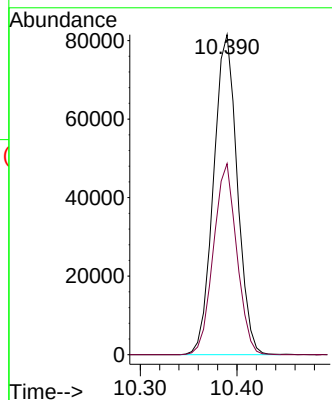
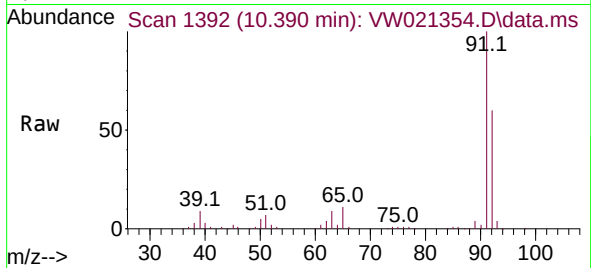




#42
Toluene
Concen: 25.077 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

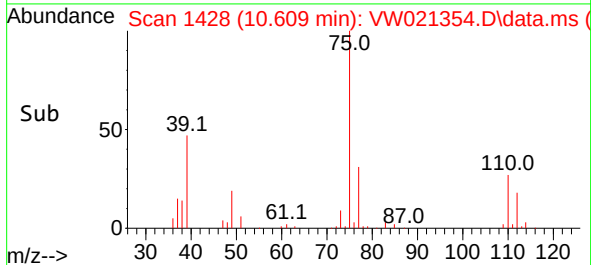
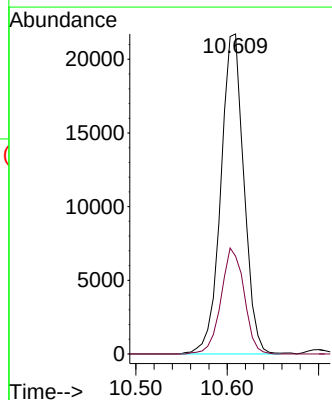
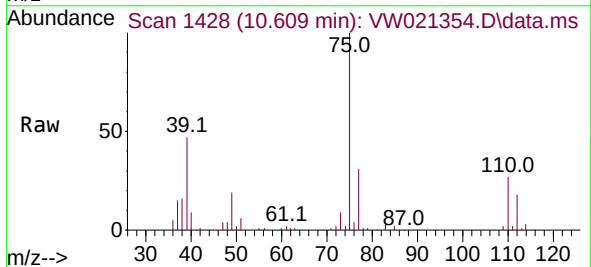
Instrument :
MSVOA_W
ClientSampleId :

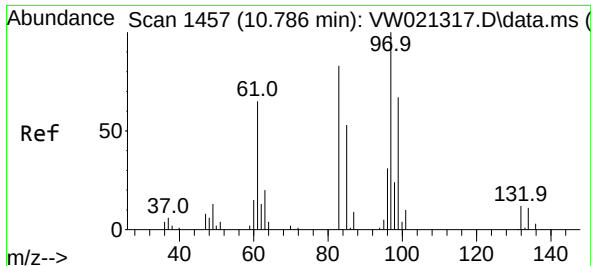
Tgt Ion: 91 Resp: 138744
Ion Ratio Lower Upper
91 100
92 59.7 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 26.171 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

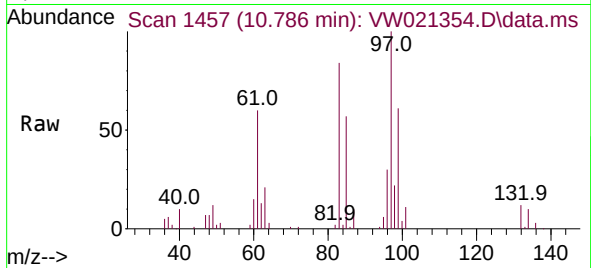
Tgt Ion: 75 Resp: 38129
Ion Ratio Lower Upper
75 100
77 30.6 22.2 41.2



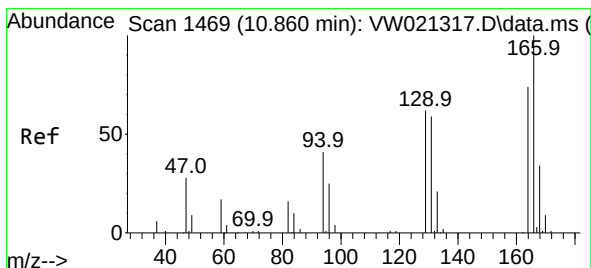
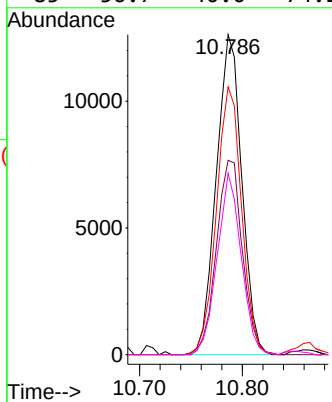
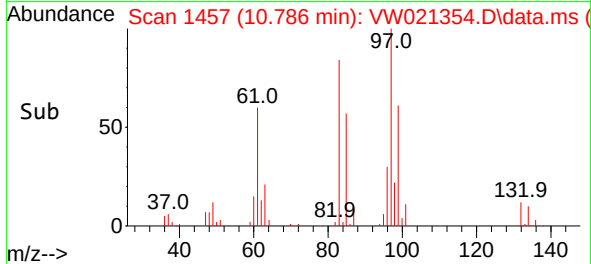


#45
1,1,2-Trichloroethane
Concen: 25.187 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

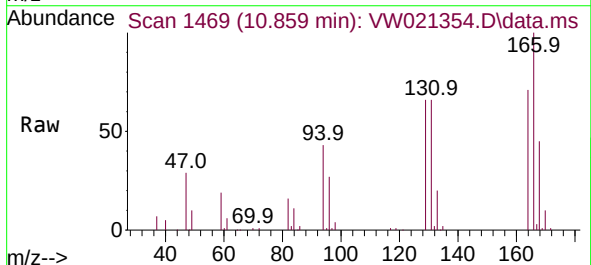
Instrument :
MSVOA_W
ClientSampleId :



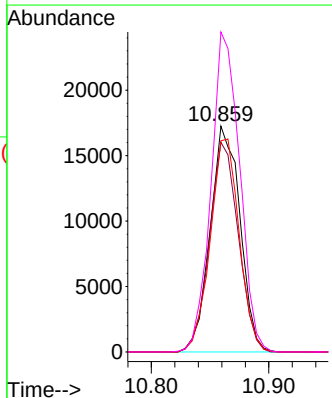
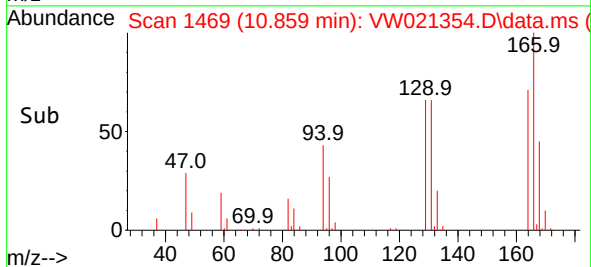
Tgt Ion:	97	Resp:	21753
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.0	79.8
83	83.7	62.6	116.3
85	56.7	40.0	74.2

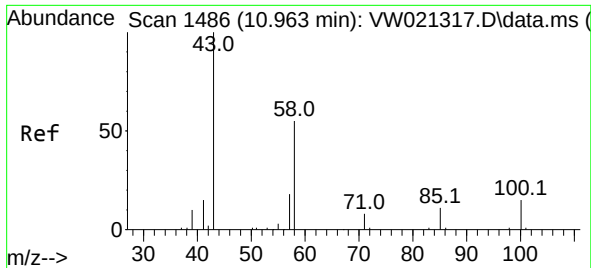


#46
Tetrachloroethene
Concen: 24.117 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10



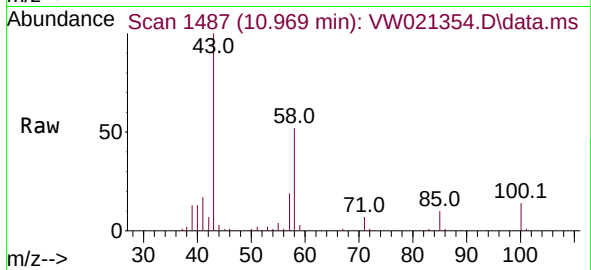
Tgt Ion:	164	Resp:	30423
Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.5	121.7
131	93.6	59.7	110.9
166	141.7	88.7	164.7



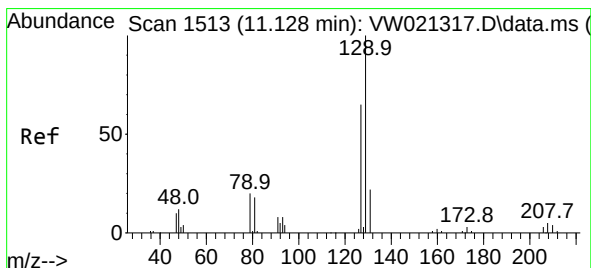
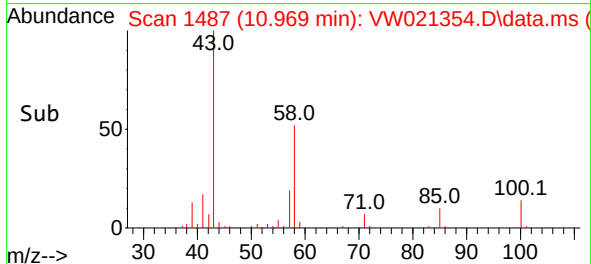
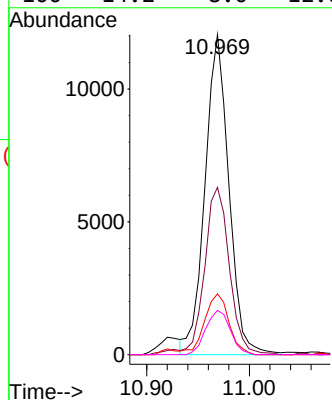


#48
2-Hexanone
Concen: 46.661 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Instrument :
MSVOA_W
ClientSampleId :

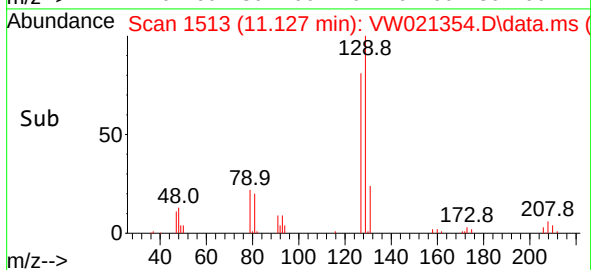
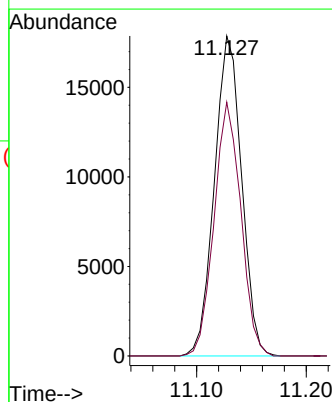
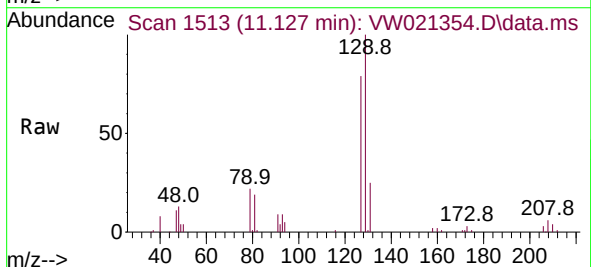


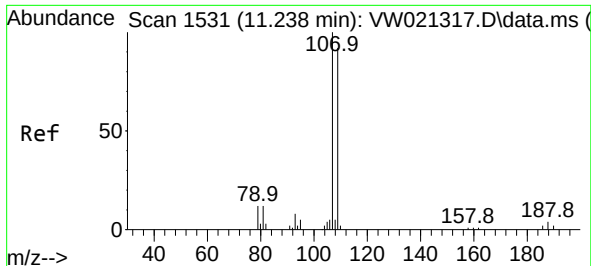
Tgt Ion: 43 Resp: 19455
Ion Ratio Lower Upper
43 100
58 53.8 40.2 60.2
57 18.7 14.3 21.5
100 14.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 28.945 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion: 129 Resp: 30818
Ion Ratio Lower Upper
129 100
127 79.3 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.014 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

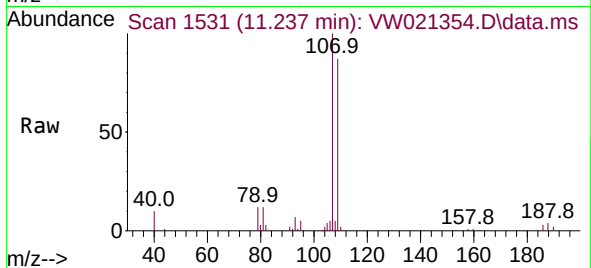
Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

ClientSampleId :



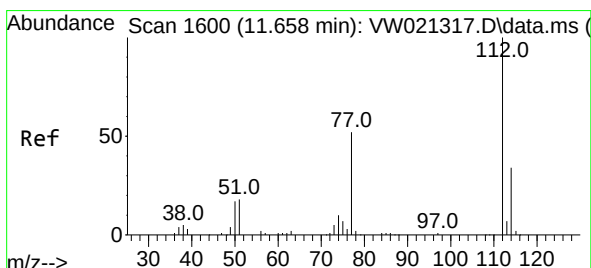
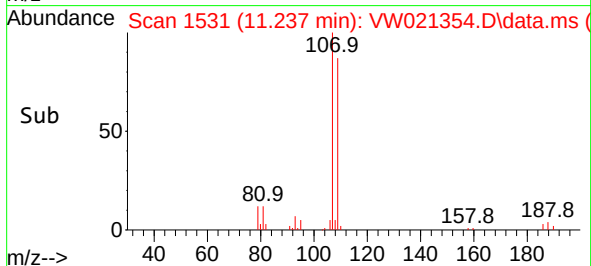
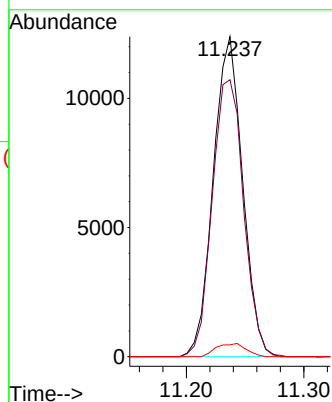
Tgt Ion:107 Resp: 21499

Ion Ratio Lower Upper

107 100

109 86.5 64.1 119.1

188 3.7 2.6 3.8



#51

Chlorobenzene

Concen: 24.952 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

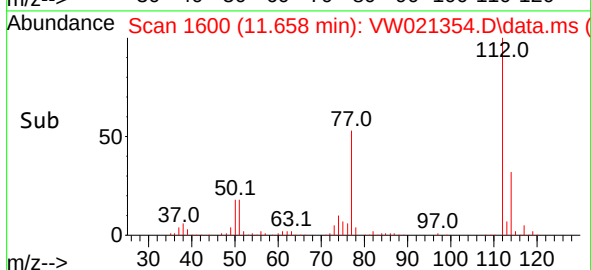
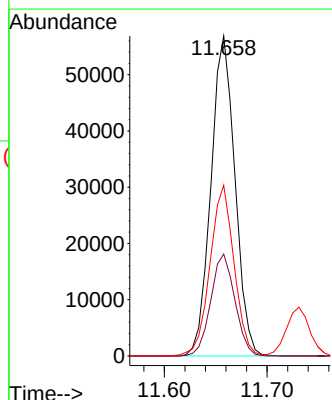
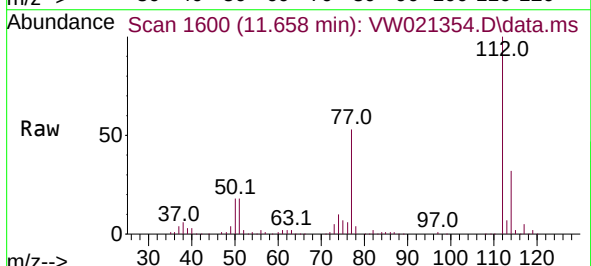
Tgt Ion:112 Resp: 92424

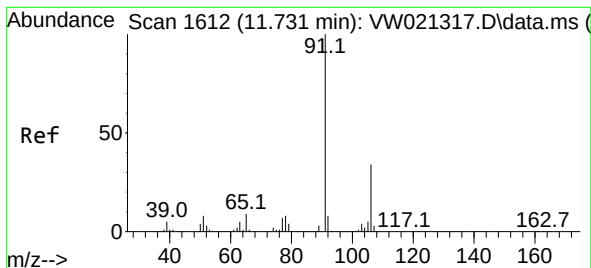
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 53.4 50.2 75.4

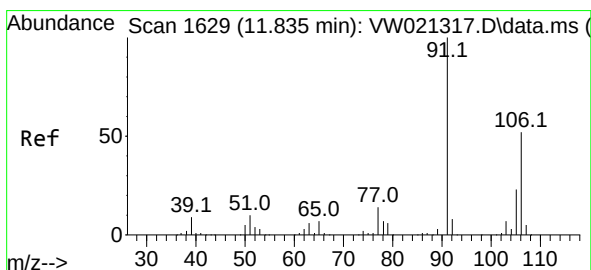
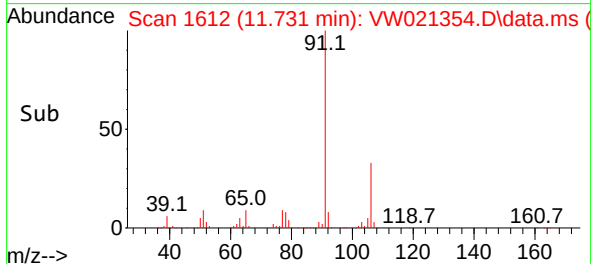
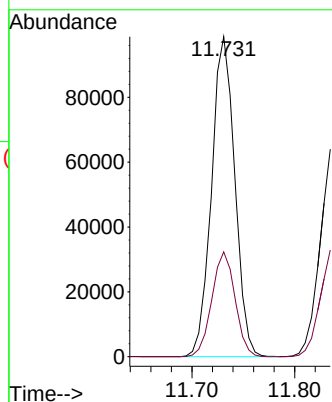
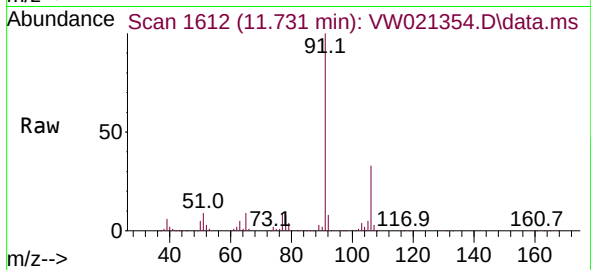




#52
Ethylbenzene
Concen: 24.506 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

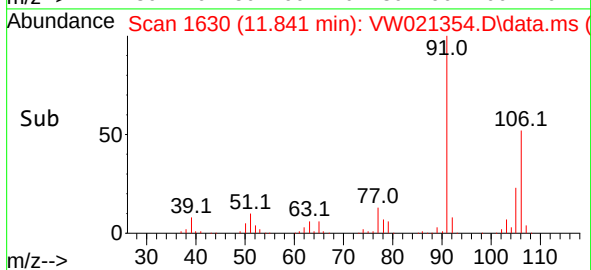
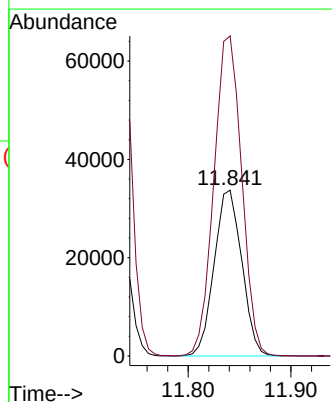
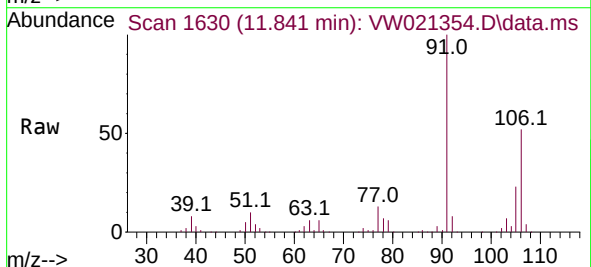
Instrument :
MSVOA_W
ClientSampleId :

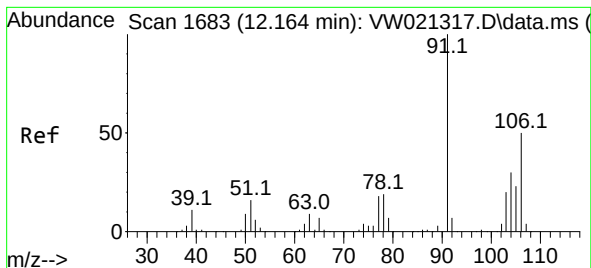
Tgt Ion: 91 Resp: 154937
Ion Ratio Lower Upper
91 100
106 32.8 21.5 39.9



#53
m,p-Xylene
Concen: 24.675 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion:106 Resp: 62933
Ion Ratio Lower Upper
106 100
91 193.1 149.9 278.3





#54

o-Xylene

Concen: 24.419 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

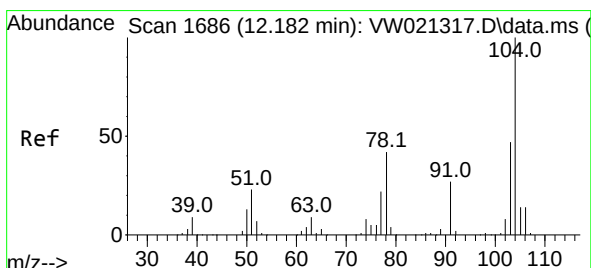
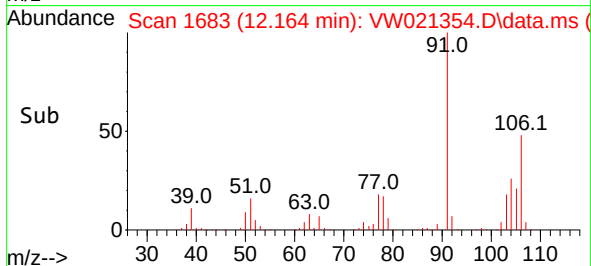
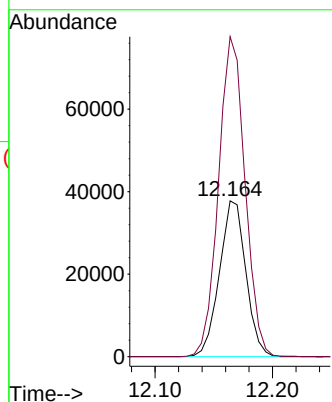
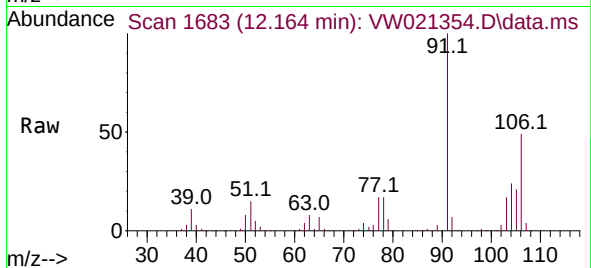
ClientSampleId :

Tgt Ion:106 Resp: 59107

Ion Ratio Lower Upper

106 100

91 205.4 153.6 285.3



#55

Styrene

Concen: 24.959 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW021354.D

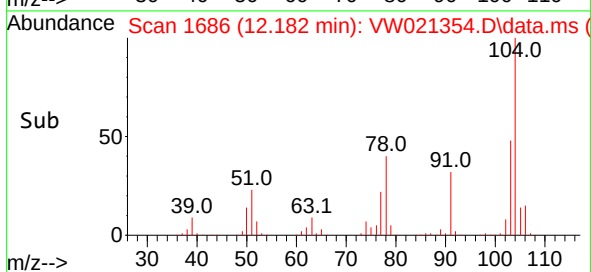
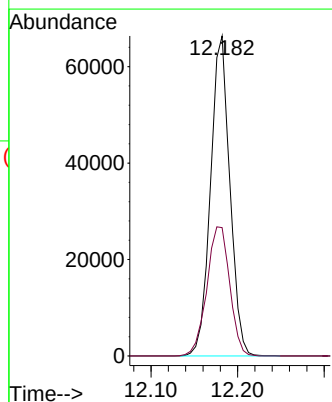
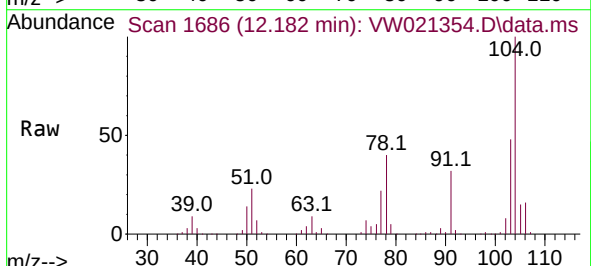
Acq: 13 Dec 2021 10:10

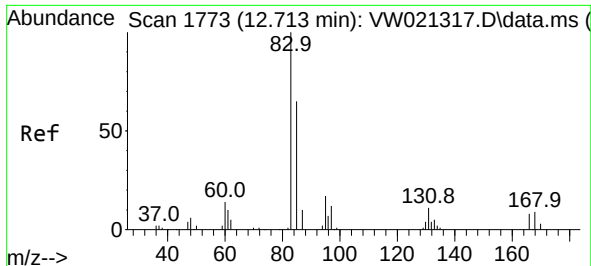
Tgt Ion:104 Resp: 102819

Ion Ratio Lower Upper

104 100

78 40.1 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 23.870 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021354.D

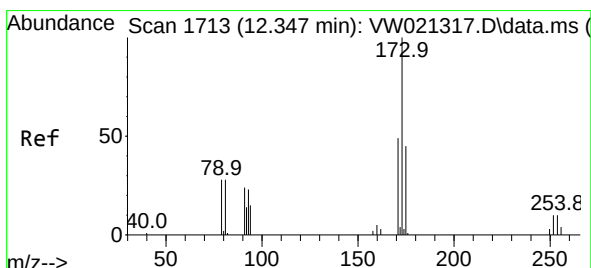
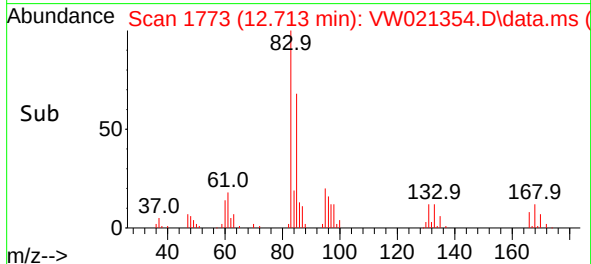
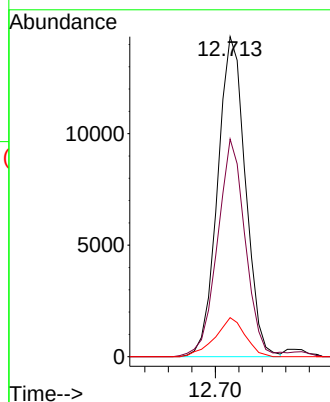
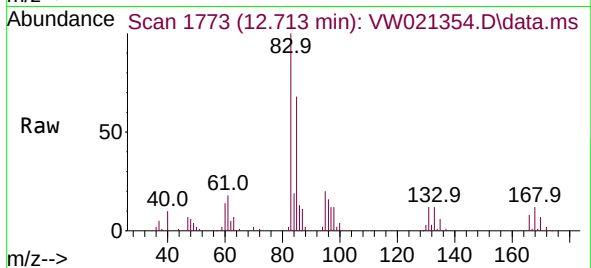
Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	23632
Ion Ratio	Lower	Upper	
83	100		
85	68.0	44.0	81.6
131	12.2	6.9	10.3#



#59

Bromoform

Concen: 30.677 ug/L

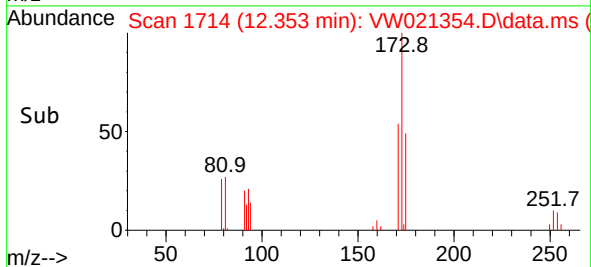
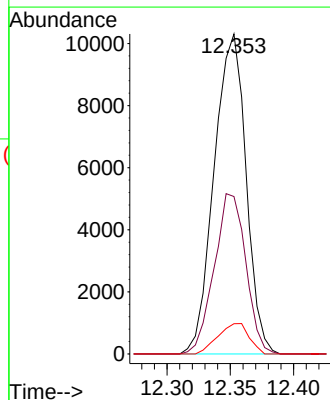
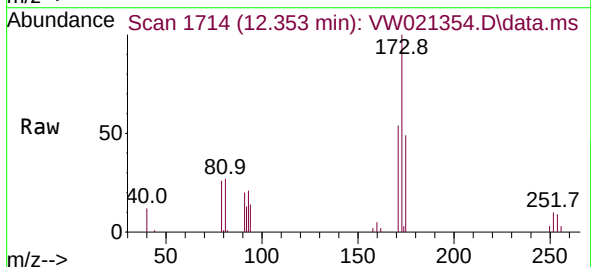
RT: 12.353 min Scan# 1714

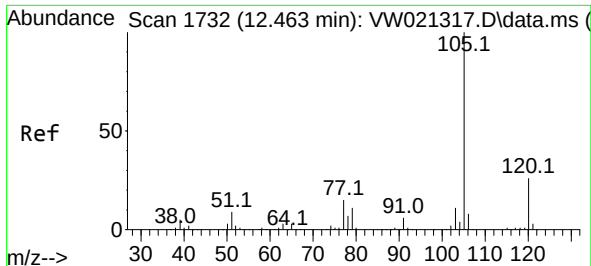
Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Tgt Ion:	173	Resp:	18073
Ion Ratio	Lower	Upper	
173	100		
175	49.6	39.6	59.4
254	9.3	7.4	11.0

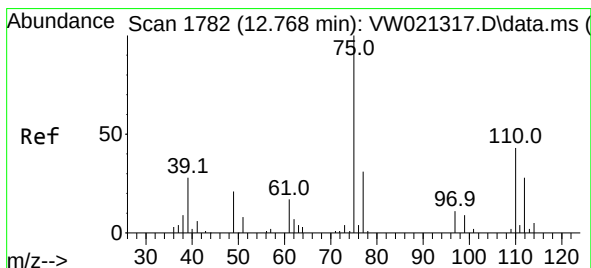
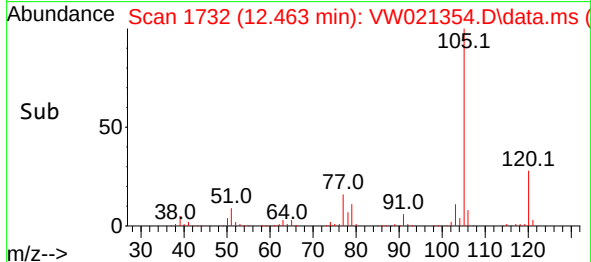
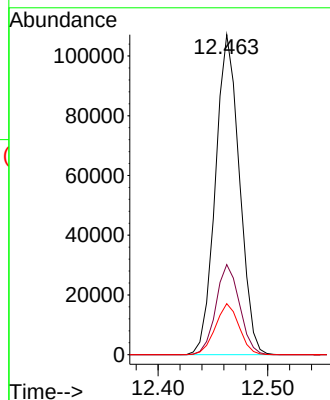
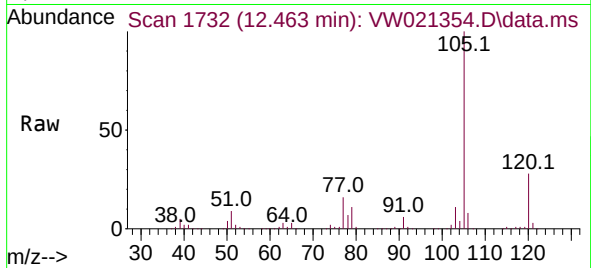




#60
Isopropylbenzene
Concen: 24.236 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

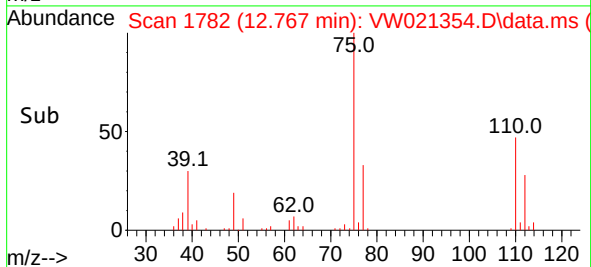
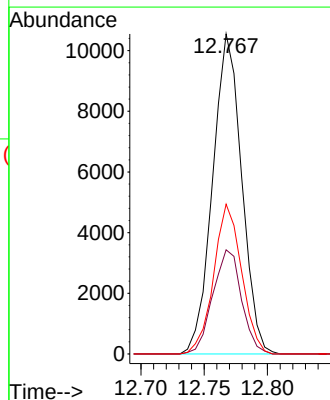
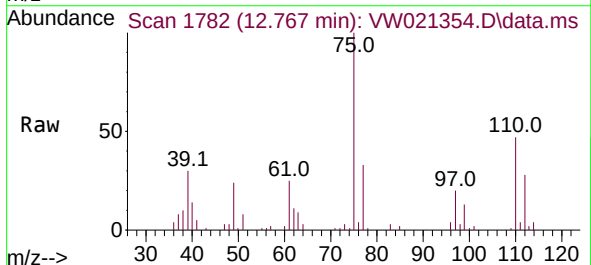
Instrument :
MSVOA_W
ClientSampleId :

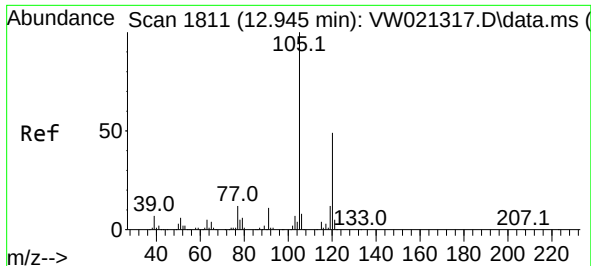
Tgt Ion:105 Resp: 163055
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.335 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion: 75 Resp: 16815
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
110 45.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 24.160 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

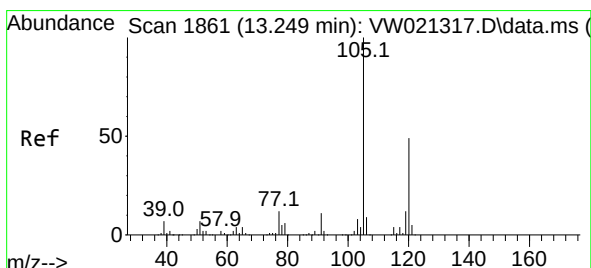
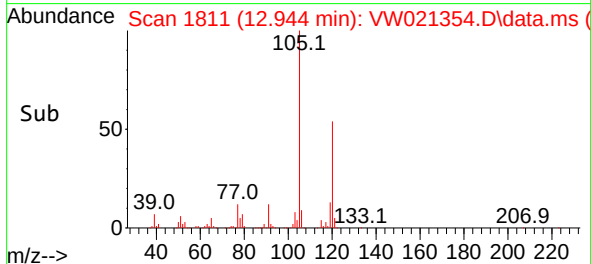
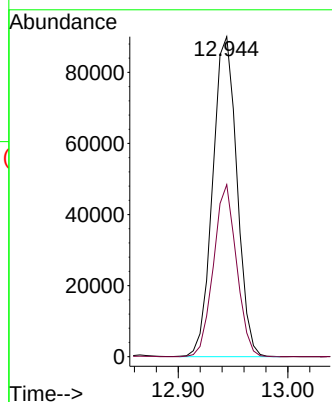
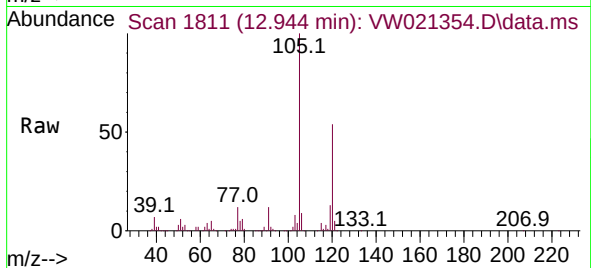
ClientSampleId :

Tgt Ion:105 Resp: 138317

Ion Ratio Lower Upper

105 100

120 51.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.371 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021354.D

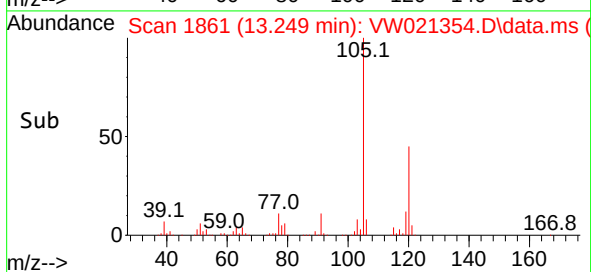
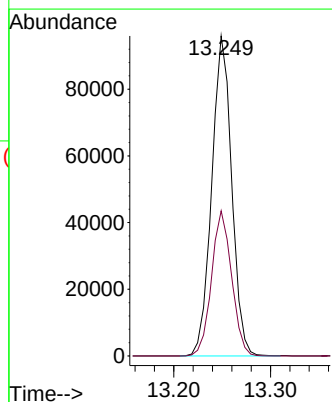
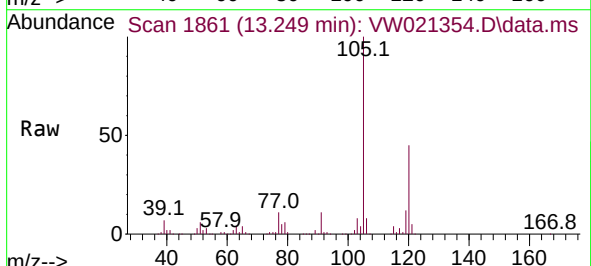
Acq: 13 Dec 2021 10:10

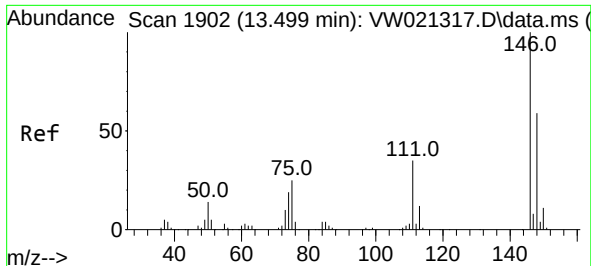
Tgt Ion:105 Resp: 137637

Ion Ratio Lower Upper

105 100

120 45.6 35.0 52.6

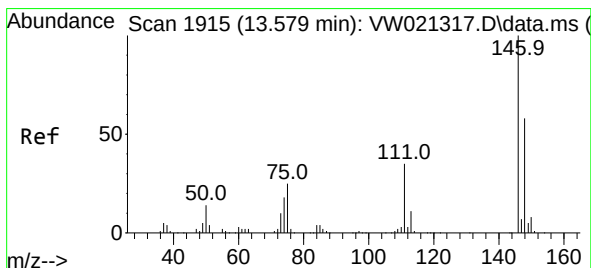
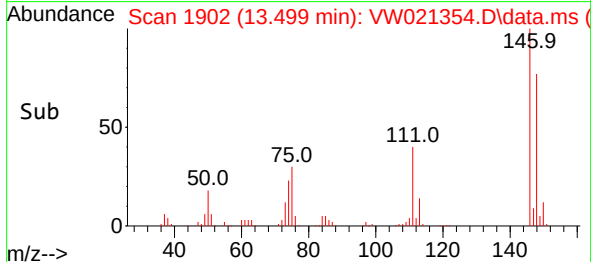
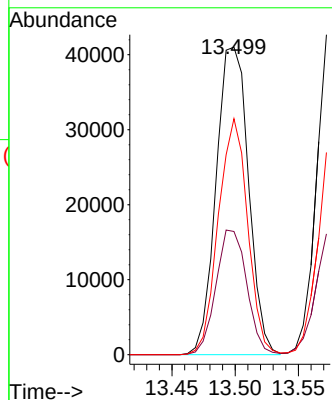
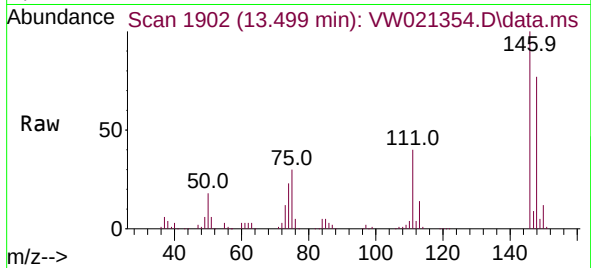




#64
1,3-Dichlorobenzene
Concen: 23.013 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

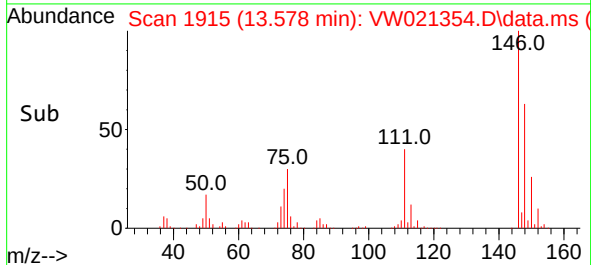
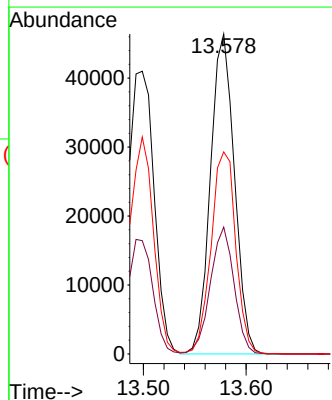
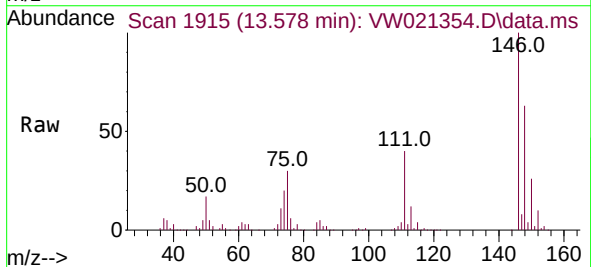
Instrument :
MSVOA_W
ClientSampleId :

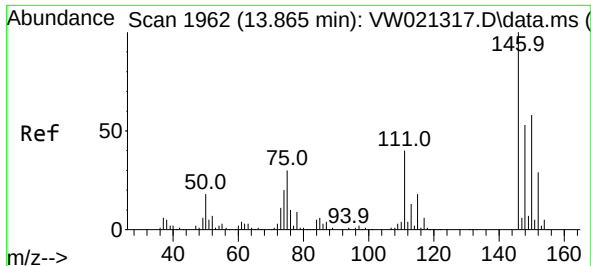
Tgt Ion:146 Resp: 73029
Ion Ratio Lower Upper
146 100
111 40.1 29.8 55.3
148 76.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.887 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion:146 Resp: 75314
Ion Ratio Lower Upper
146 100
111 39.6 29.0 53.9
148 63.2 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.824 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

Instrument :

MSVOA_W

ClientSampleId :

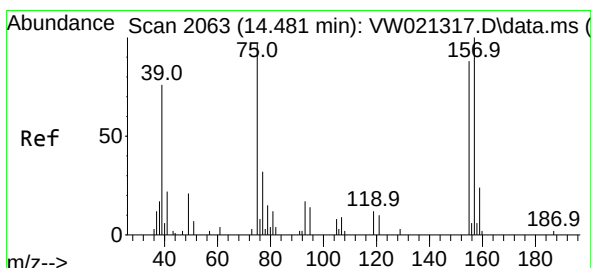
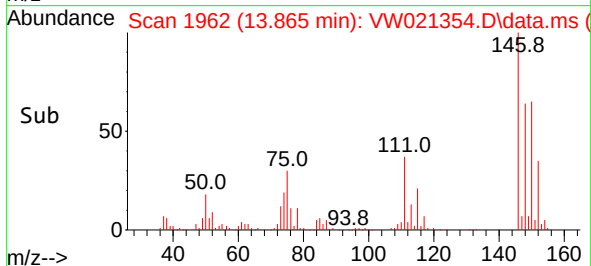
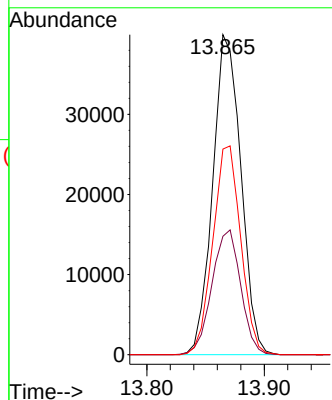
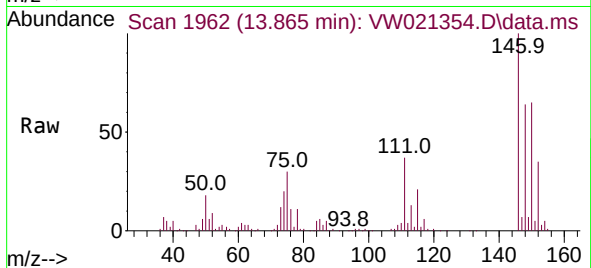
Tgt Ion:146 Resp: 66559

Ion Ratio Lower Upper

146 100

111 37.0 33.1 49.7

148 64.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.765 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021354.D

Acq: 13 Dec 2021 10:10

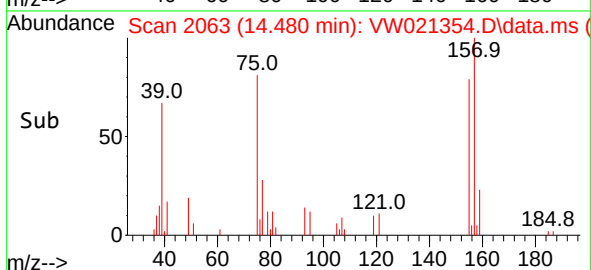
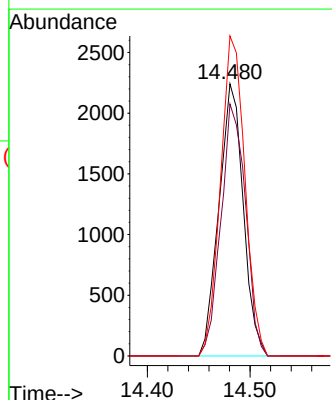
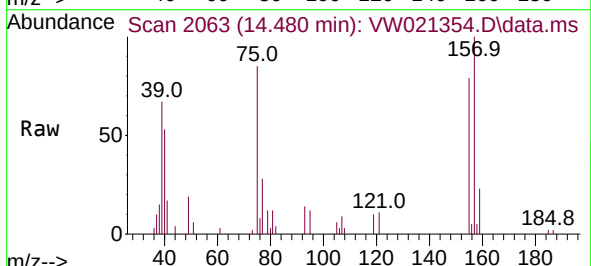
Tgt Ion: 75 Resp: 3681

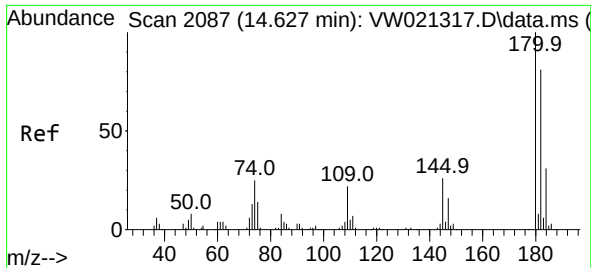
Ion Ratio Lower Upper

75 100

155 92.6 54.2 81.2#

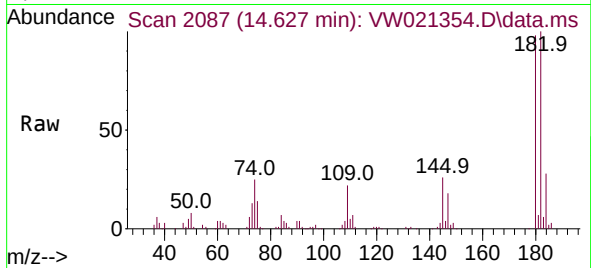
157 117.6 69.4 104.2#



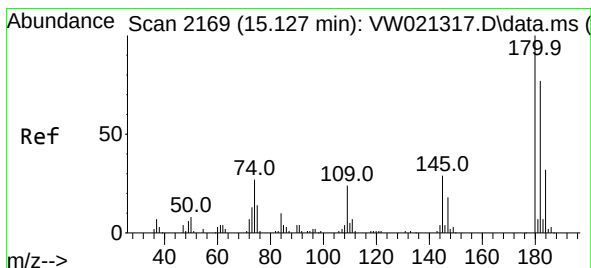
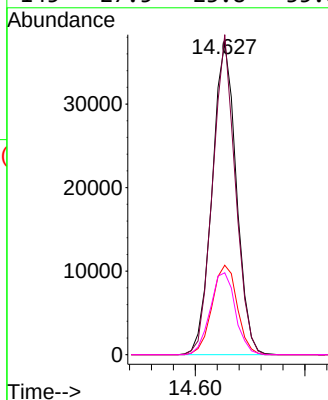
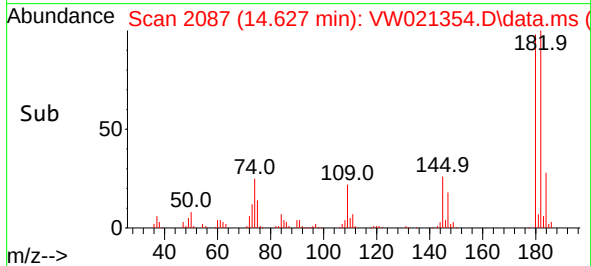


#69
 1,3,5-Trichlorobenzene
 Concen: 24.061 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021354.D
 Acq: 13 Dec 2021 10:10

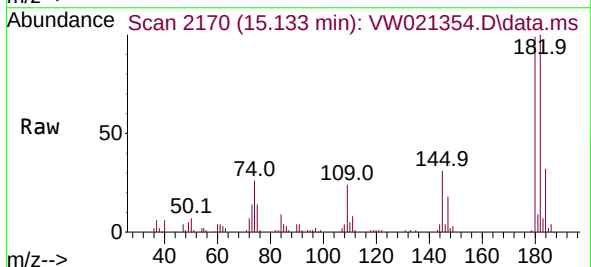
Instrument :
 MSVOA_W
 ClientSampleId :



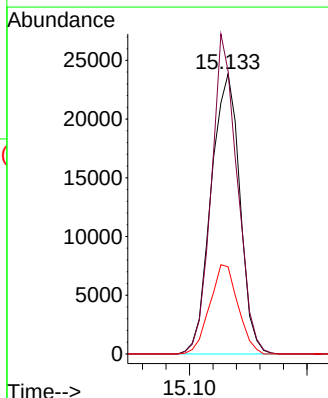
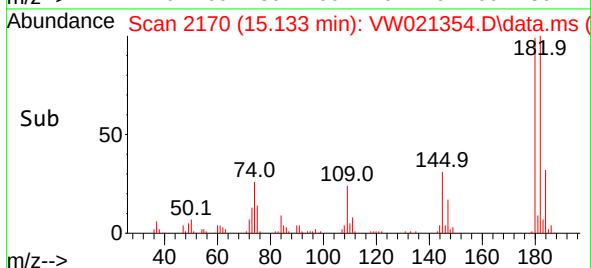
Tgt Ion:180 Resp: 57068
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.4 113.0
 184 29.9 23.8 35.8
 145 27.5 23.8 35.8

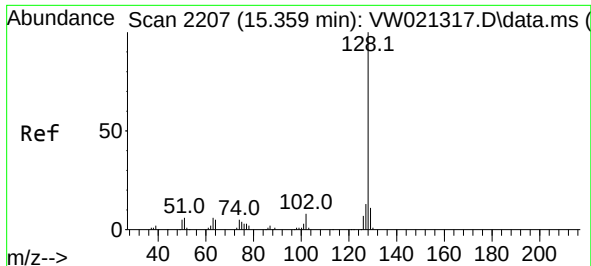


#70
 1,2,4-trichlorobenzene
 Concen: 21.200 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW021354.D
 Acq: 13 Dec 2021 10:10



Tgt Ion:180 Resp: 40444
 Ion Ratio Lower Upper
 180 100
 182 102.9 79.0 118.6
 145 31.4 26.0 39.0

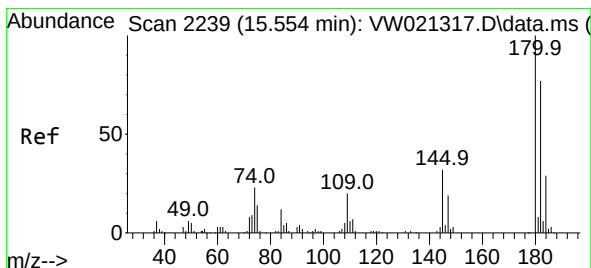
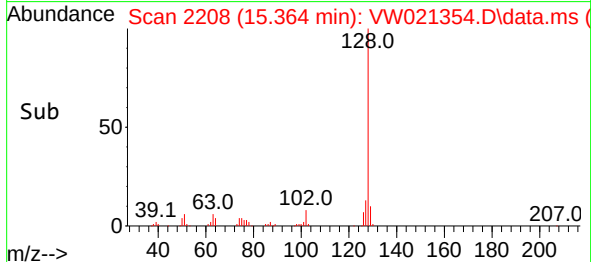
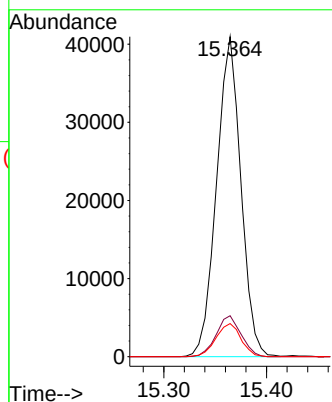
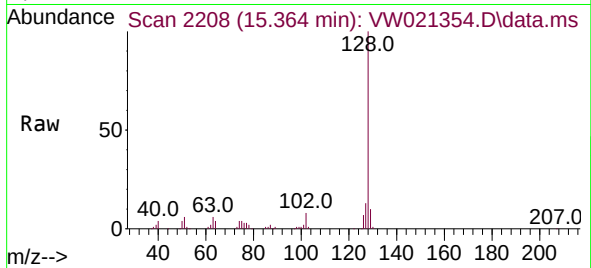




#71
Naphthalene
Concen: 21.690 ug/L
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 67226
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.817 ug/L
RT: 15.553 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021354.D
Acq: 13 Dec 2021 10:10

Tgt Ion:180 Resp: 37550
Ion Ratio Lower Upper
180 100
182 87.3 76.6 114.8
145 30.3 27.4 41.0

