

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021658.D
 Acq On : 25 Dec 2021 20:10
 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 27 00:42:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	114172	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	116756	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	73355	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	42223	20.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.240%
7) Chloroethane-d5	2.879	69	29964	21.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	4.019	63	68256	24.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.480%
21) 2-Butanone-d5	7.092	46	19479	66.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.920%
24) Chloroform-d	7.653	84	88137	27.701	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.800%
26) 1,2-Dichloroethane-d4	8.305	65	49127	29.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.120%
32) Benzene-d6	8.275	84	163806	25.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	9.275	67	46671	27.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.760%
41) Toluene-d8	10.323	98	162259	24.814	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.240%
43) trans-1,3-Dichloroprop...	10.579	79	21983	27.816	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.280%
47) 2-Hexanone-d5	10.927	63	17371	68.443	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.880%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43404	29.418	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	71597	25.184	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.720%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	10933	24.784	ug/L	98
3) Chloromethane	2.209	50	28289	19.370	ug/L	100
5) Vinyl chloride	2.355	62	39748	17.337	ug/L	95
6) Bromomethane	2.776	94	26471	17.800	ug/L	97
8) Chloroethane	2.916	64	19623	18.578	ug/L	99
9) Trichlorofluoromethane	3.251	101	24952	20.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	36264	23.002	ug/L	91
12) 1,1-Dichloroethene	4.044	96	32848	23.211	ug/L	75
13) Acetone	4.147	43	12227	46.532	ug/L	95
14) Carbon disulfide	4.379	76	67606	18.498	ug/L	99
15) Methyl Acetate	4.684	43	13659	30.127	ug/L	# 86
16) Methylene chloride	4.922	84	37482	19.868	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	35395	23.099	ug/L	83
18) Methyl tert-butyl Ether	5.434	73	63502	30.006	ug/L	93
19) 1,1-Dichloroethane	6.220	63	61663	25.645	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	40235	24.895	ug/L	73
22) 2-Butanone	7.184	43	18322	53.393	ug/L	83
23) Bromochloromethane	7.513	128	20003	26.469	ug/L	# 65
25) Chloroform	7.677	83	73892	26.472	ug/L	94

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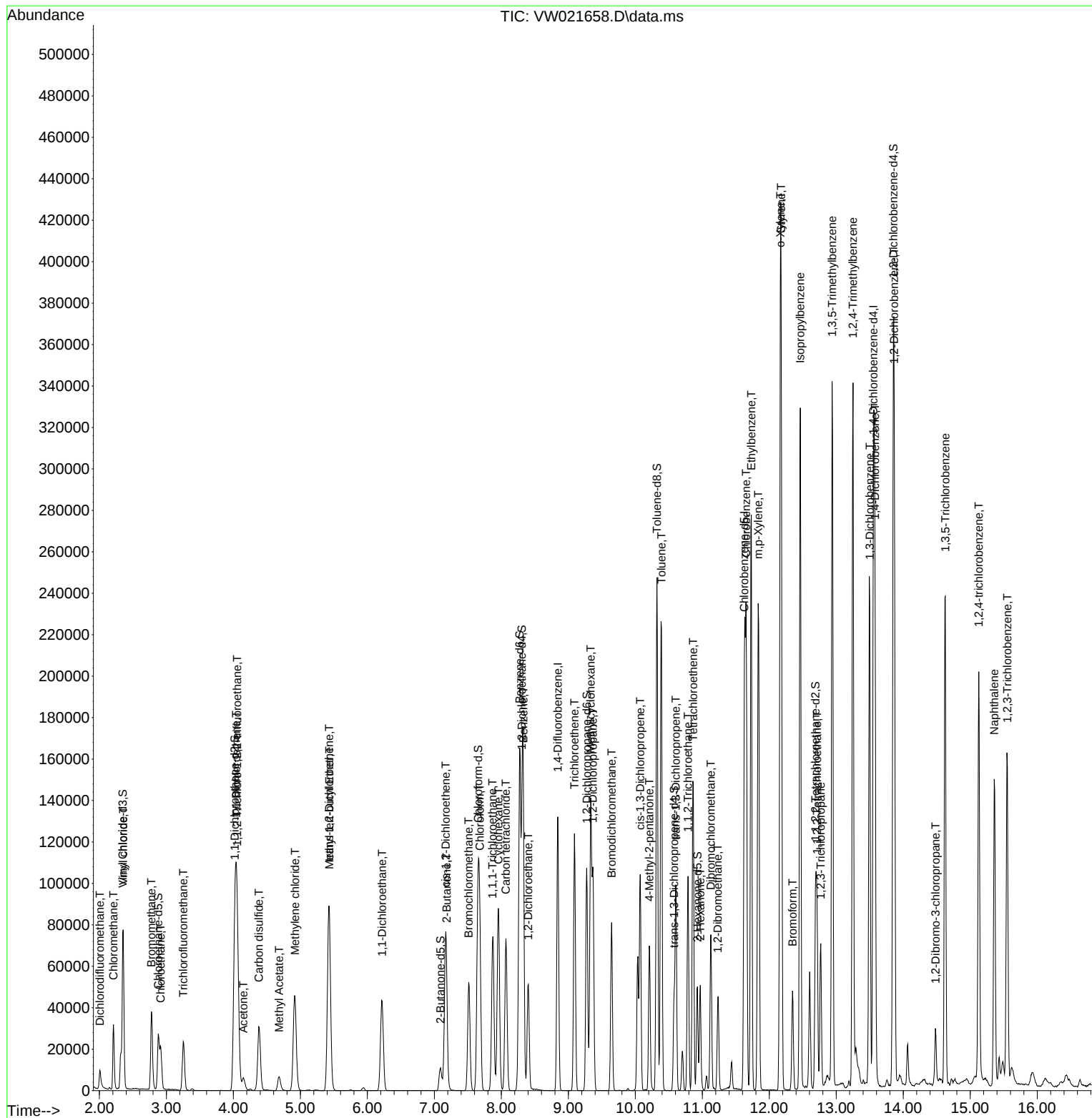
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	47253	26.732	ug/L	99
29) Cyclohexane	7.958	56	46921	20.190	ug/L #	78
30) 1,1,1-Trichloroethane	7.866	97	61221	23.370	ug/L	94
31) Carbon tetrachloride	8.067	117	54699	22.635	ug/L	99
33) Benzene	8.330	78	141085	22.182	ug/L	100
34) Trichloroethene	9.092	95	40398	22.626	ug/L	90
35) Methylcyclohexane	9.336	83	59695	20.269	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	34944	24.631	ug/L #	94
38) Bromodichloromethane	9.646	83	51849	26.581	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	58306	26.072	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	43444	56.200	ug/L #	90
42) Toluene	10.390	91	169989	22.852	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	51798	26.444	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	31596	27.210	ug/L	92
46) Tetrachloroethene	10.866	164	36536	21.541	ug/L	85
48) 2-Hexanone	10.969	43	30012	53.537	ug/L #	91
49) Dibromochloromethane	11.128	129	39368	27.501	ug/L	95
50) 1,2-Dibromoethane	11.232	107	31191	26.991	ug/L #	94
51) Chlorobenzene	11.652	112	116040	23.300	ug/L	89
52) Ethylbenzene	11.731	91	195561	23.006	ug/L	98
53) m,p-Xylene	11.835	106	78987	23.034	ug/L	85
54) o-Xylene	12.164	106	77731	23.884	ug/L	100
55) Styrene	12.177	104	132111	23.852	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	36835	27.673	ug/L #	96
59) Bromoform	12.347	173	21459	24.586	ug/L	100
60) Isopropylbenzene	12.463	105	213275	21.397	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	26706	25.015	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.939	105	184104	21.706	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	183753	21.961	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	103704	22.058	ug/L	88
65) 1,4-Dichlorobenzene	13.579	146	103060	22.063	ug/L	90
67) 1,2-Dichlorobenzene	13.865	146	93315	22.545	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5583	25.353	ug/L #	67
69) 1,3,5-Trichlorobenzene	14.627	180	74532	21.210	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	64267	22.738	ug/L	96
71) Naphthalene	15.359	128	131953	28.736	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	55966	23.960	ug/L	99

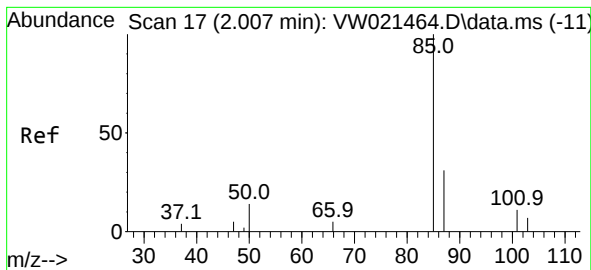
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 24.784 ug/L

RT: 2.008 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

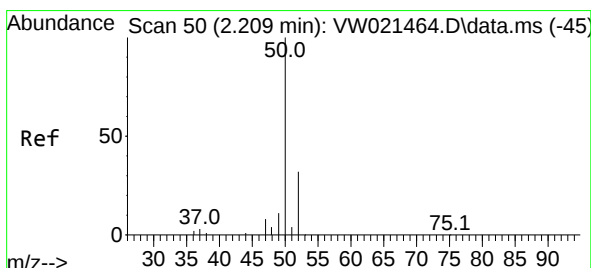
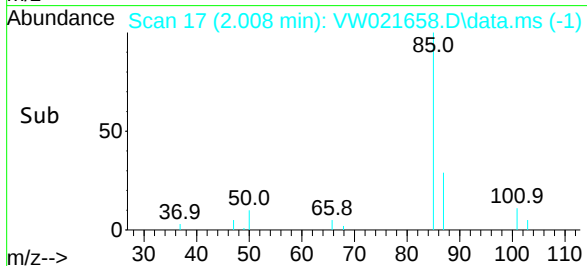
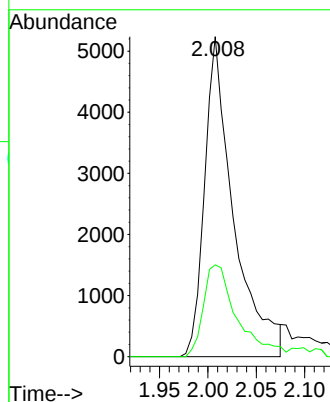
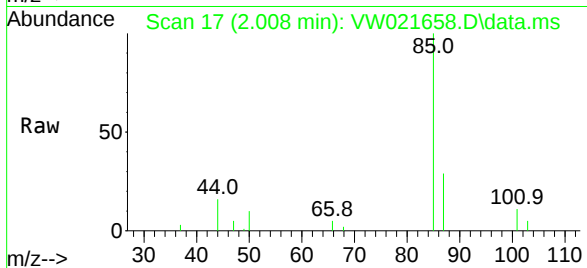
ClientSampleId :

Tgt Ion: 85 Resp: 10933

Ion Ratio Lower Upper

85 100

87 33.3 25.8 38.6



#3

Chloromethane

Concen: 19.370 ug/L

RT: 2.209 min Scan# 50

Delta R.T. 0.000 min

Lab File: VW021658.D

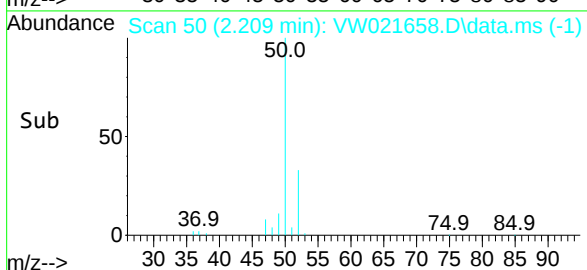
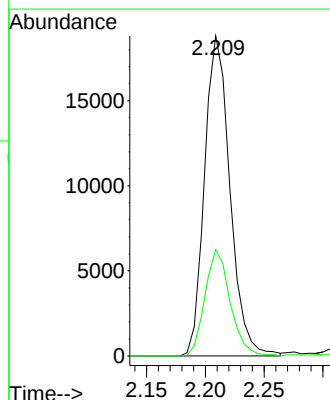
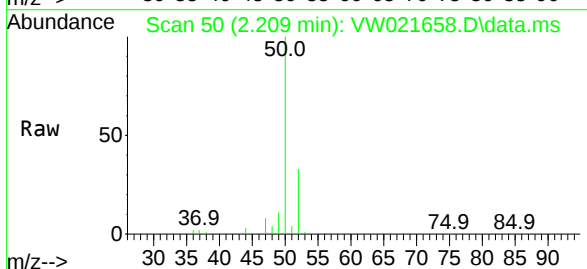
Acq: 25 Dec 2021 20:10

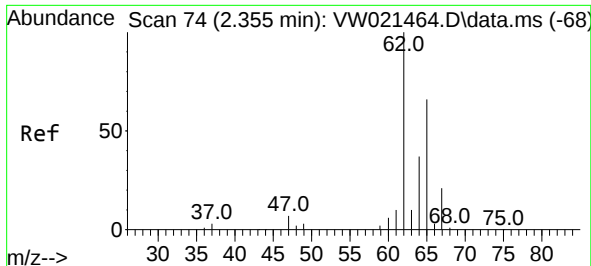
Tgt Ion: 50 Resp: 28289

Ion Ratio Lower Upper

50 100

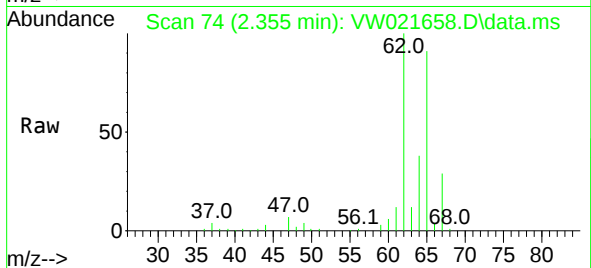
52 33.2 23.4 43.6



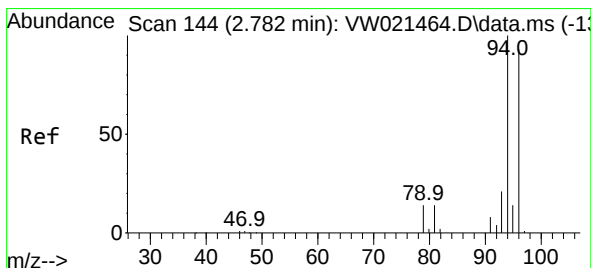
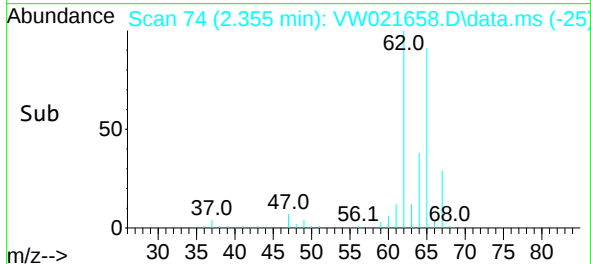
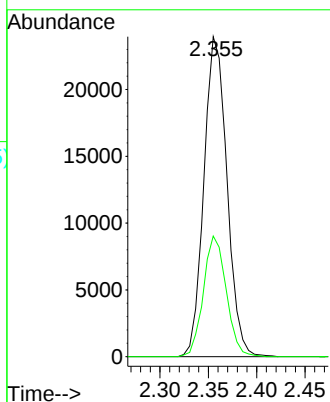


#5
 Vinyl chloride
 Concen: 17.337 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW021658.D
 Acq: 25 Dec 2021 20:10

Instrument :
 MSVOA_W
 ClientSampleId :

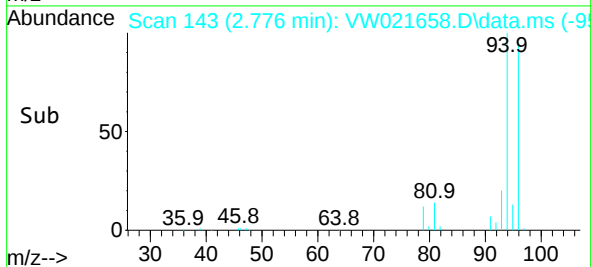
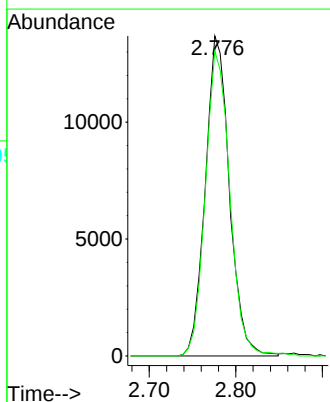
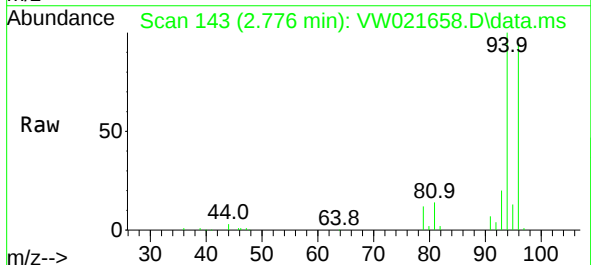


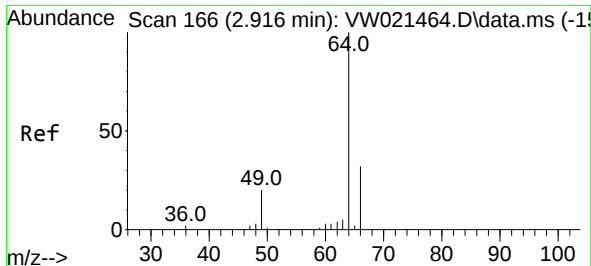
Tgt Ion: 62 Resp: 39748
 Ion Ratio Lower Upper
 62 100
 64 37.7 24.4 45.2



#6
 Bromomethane
 Concen: 17.800 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021658.D
 Acq: 25 Dec 2021 20:10

Tgt Ion: 94 Resp: 26471
 Ion Ratio Lower Upper
 94 100
 96 95.3 64.8 120.4





#8

Chloroethane

Concen: 18.578 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

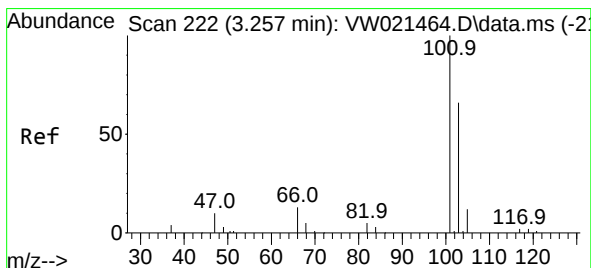
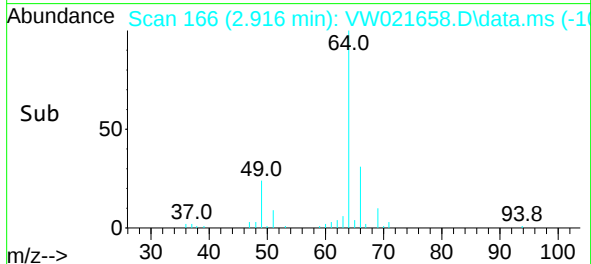
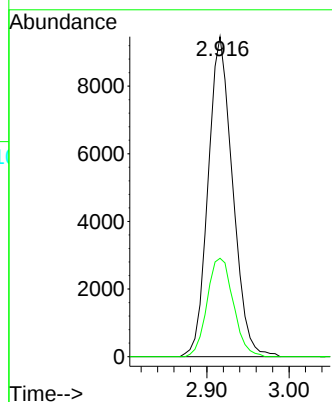
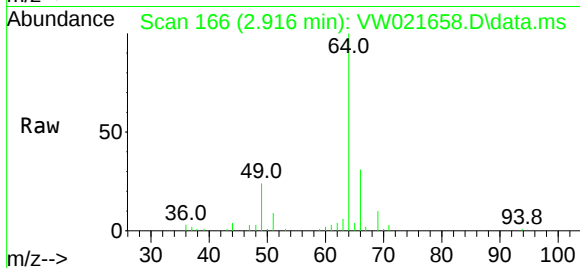
ClientSampleId :

Tgt Ion: 64 Resp: 19623

Ion Ratio Lower Upper

64 100

66 30.8 22.0 40.8



#9

Trichlorofluoromethane

Concen: 20.626 ug/L

RT: 3.251 min Scan# 221

Delta R.T. -0.006 min

Lab File: VW021658.D

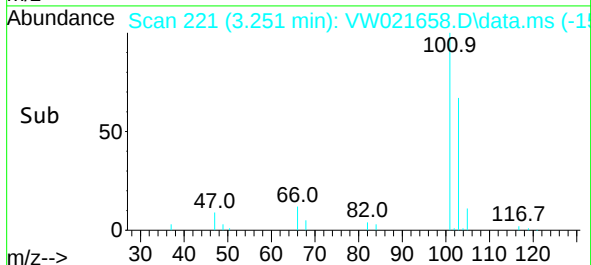
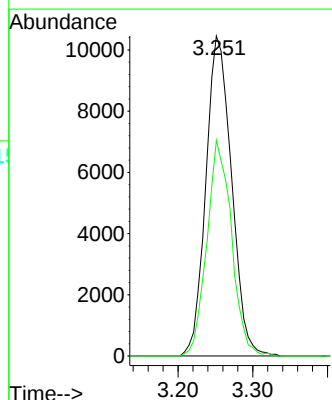
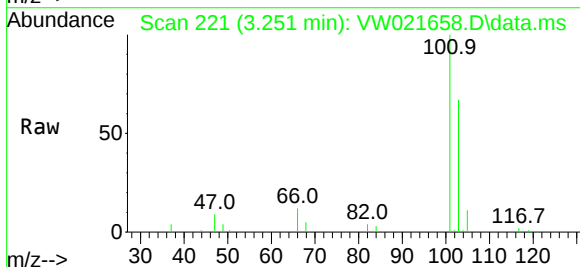
Acq: 25 Dec 2021 20:10

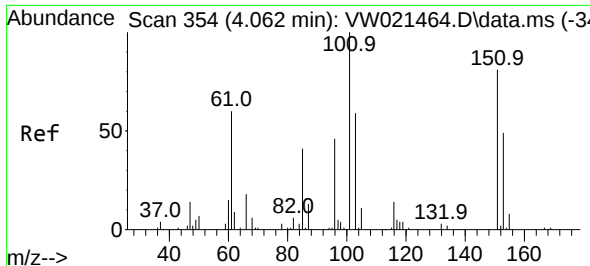
Tgt Ion:101 Resp: 24952

Ion Ratio Lower Upper

101 100

103 64.5 51.4 77.2





#10

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

Concen: 23.002 ug/L

RT: 4.056 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021658.D

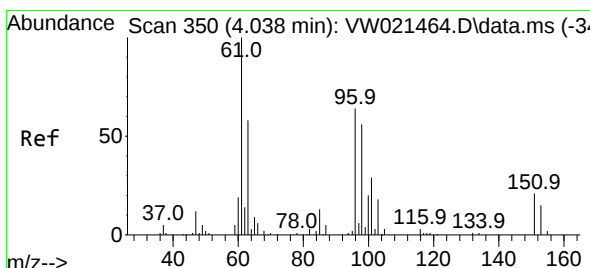
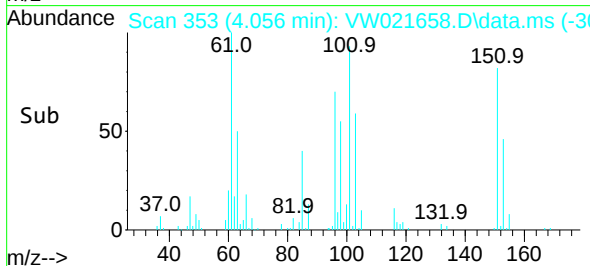
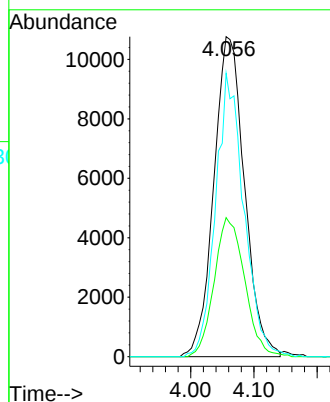
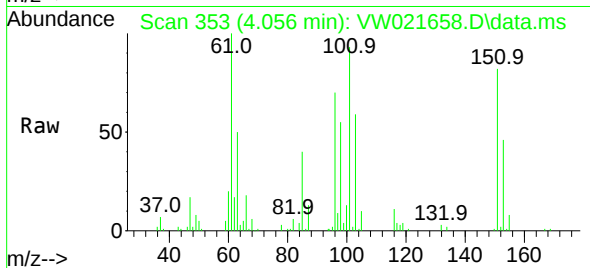
Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:101	Resp:	36264
Ion	Ratio	Lower Upper
101	100	
85	43.1	36.6 54.8
151	81.6	57.4 86.0



#12

1,1-Dichloroethene

Concen: 23.211 ug/L

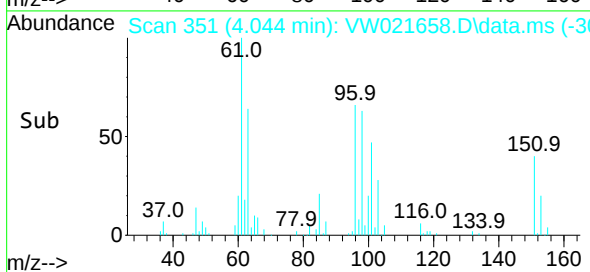
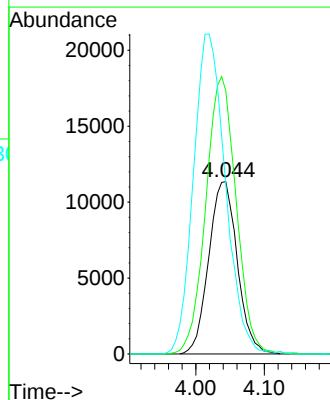
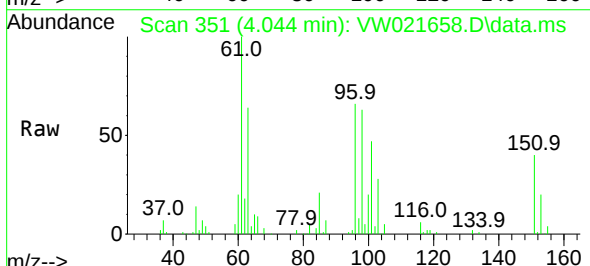
RT: 4.044 min Scan# 351

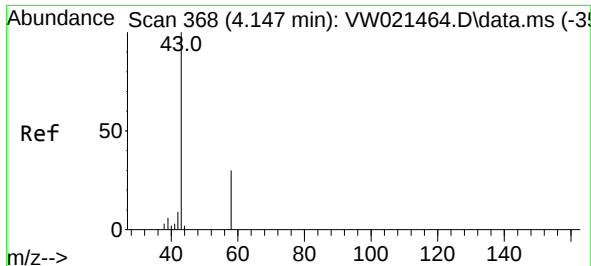
Delta R.T. 0.006 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

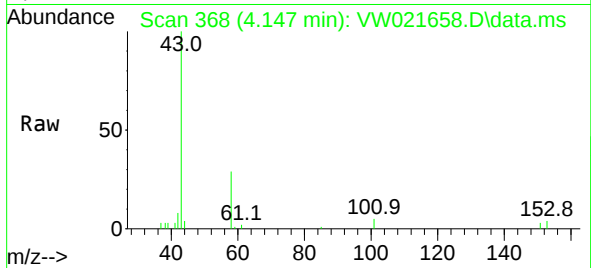
Tgt Ion: 96	Resp:	32848
Ion	Ratio	Lower Upper
96	100	
61	152.7	138.3 256.9
63	98.4	82.6 153.4



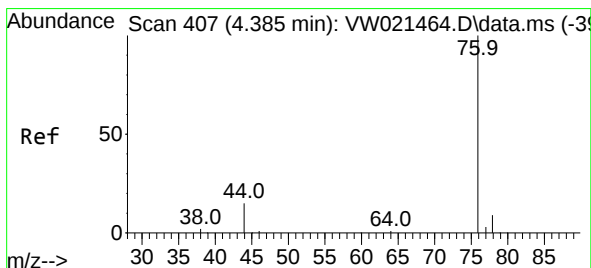
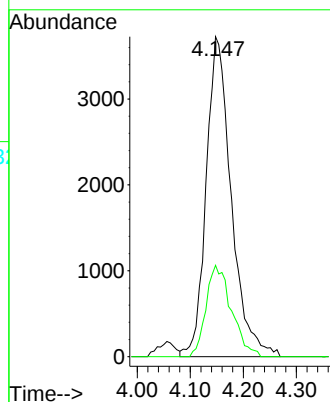
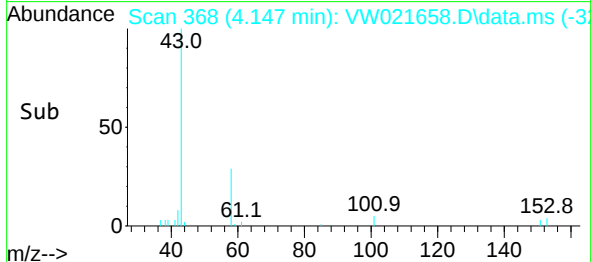


#13
Acetone
Concen: 46.532 ug/L
RT: 4.147 min Scan# 368
Delta R.T. -0.012 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

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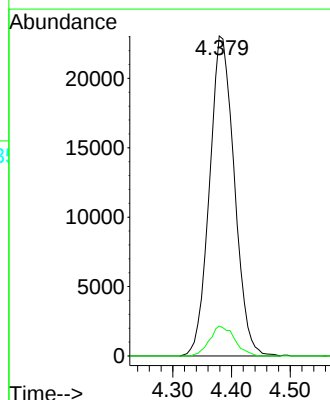
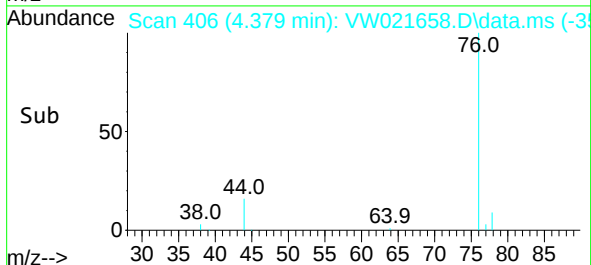
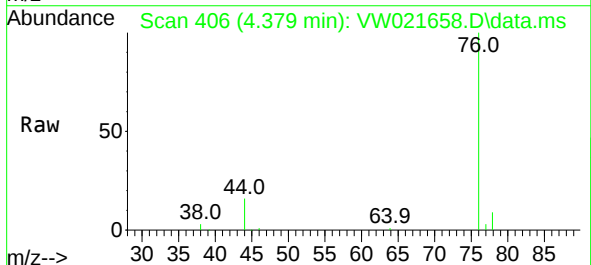


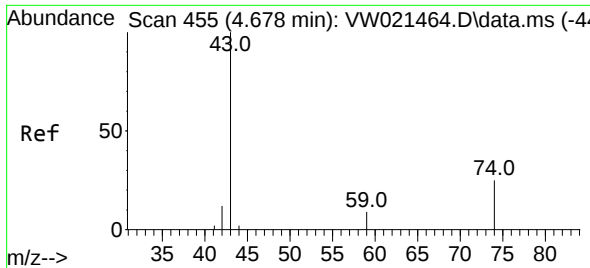
Tgt Ion: 43 Resp: 12227
Ion Ratio Lower Upper
43 100
58 28.9 0.0 52.8



#14
Carbon disulfide
Concen: 18.498 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion: 76 Resp: 67606
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

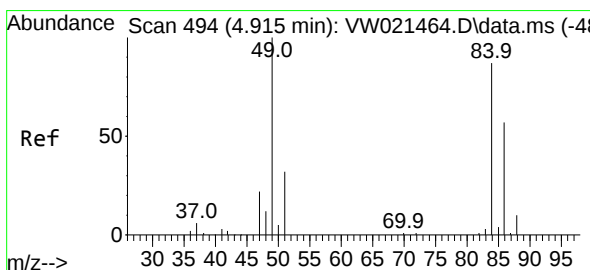
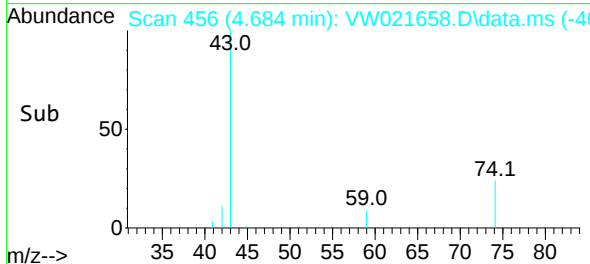
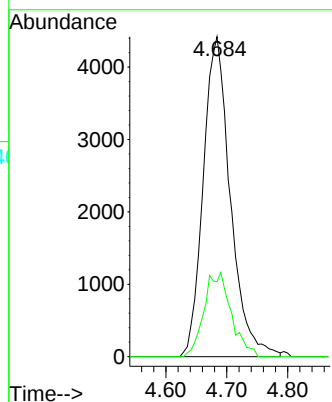
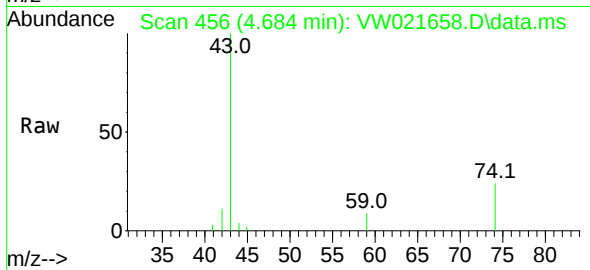




#15
Methyl Acetate
Concen: 30.127 ug/L
RT: 4.684 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

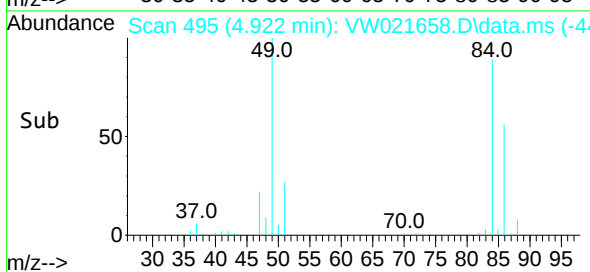
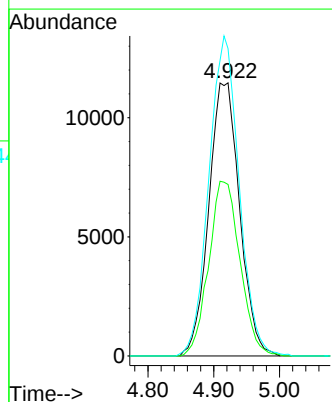
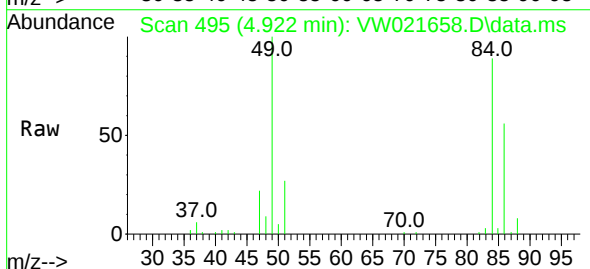
Instrument :
MSVOA_W
ClientSampleId :

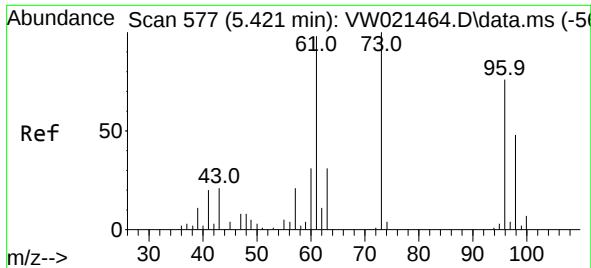
Tgt Ion: 43 Resp: 13659
Ion Ratio Lower Upper
43 100
74 13.9 16.4 24.6#



#16
Methylene chloride
Concen: 19.868 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion: 84 Resp: 37482
Ion Ratio Lower Upper
84 100
86 62.8 45.5 84.5
49 112.6 100.5 186.7

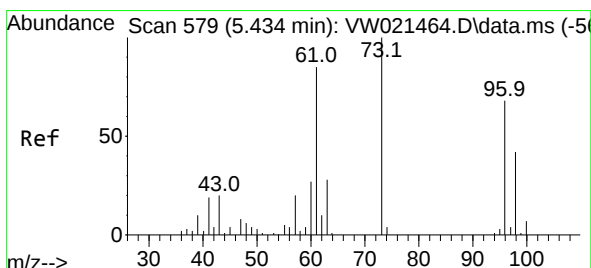
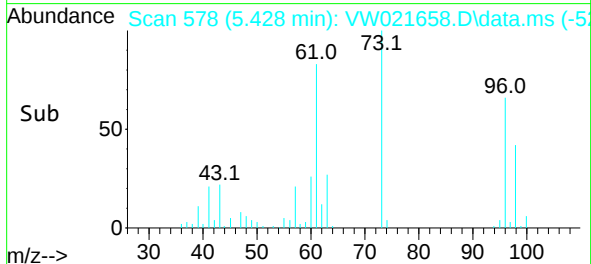
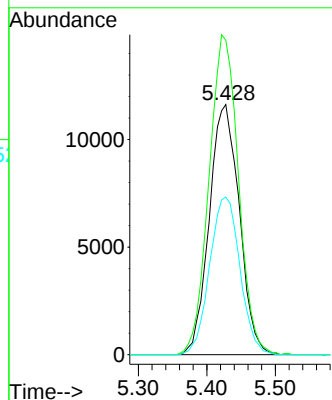
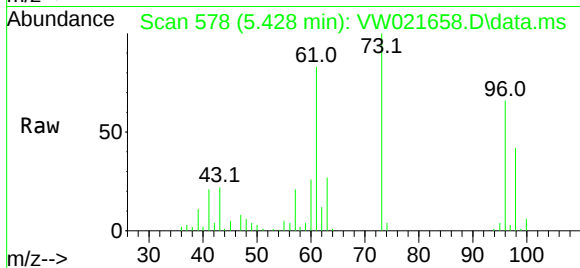




#17
trans-1,2-Dichloroethene
Concen: 23.099 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

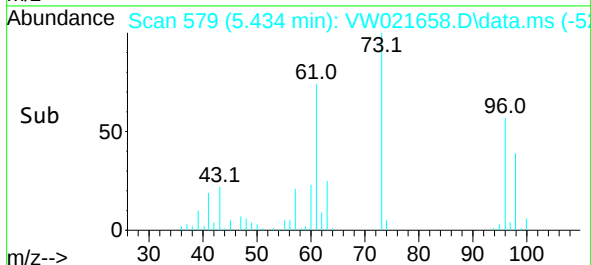
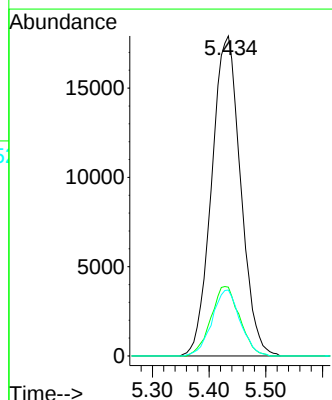
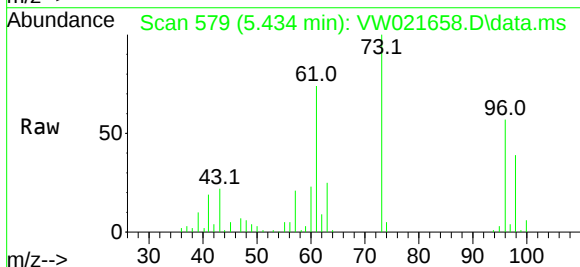
Instrument :
MSVOA_W
ClientSampleId :

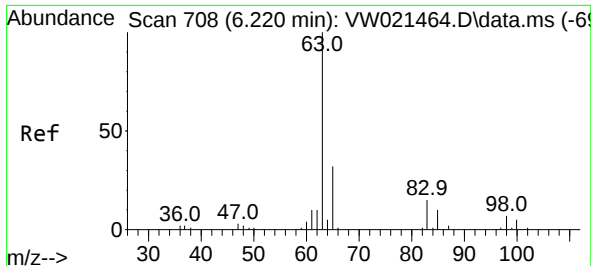
Tgt Ion: 96 Resp: 35395
Ion Ratio Lower Upper
96 100
61 125.8 107.4 199.4
98 63.0 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 30.006 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion: 73 Resp: 63502
Ion Ratio Lower Upper
73 100
43 21.6 19.5 29.3
57 20.1 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.645 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021658.D

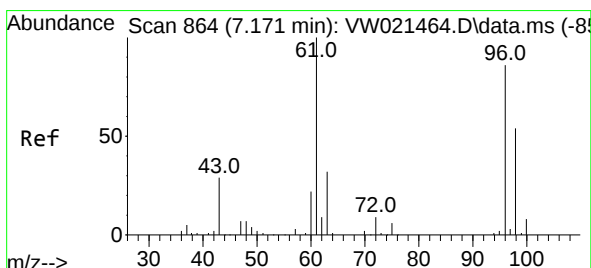
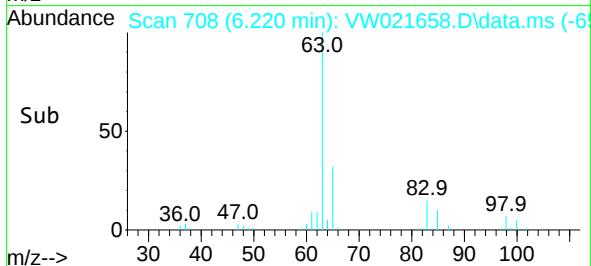
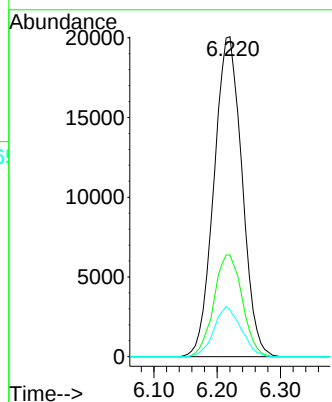
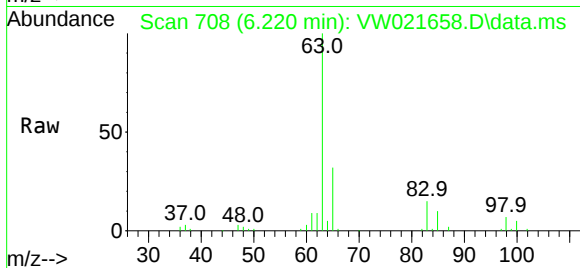
Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 61663
Ion Ratio	Lower Upper
63	100
65	31.8 22.1 41.1
83	14.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.895 ug/L

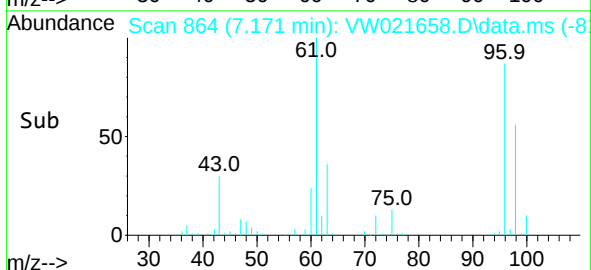
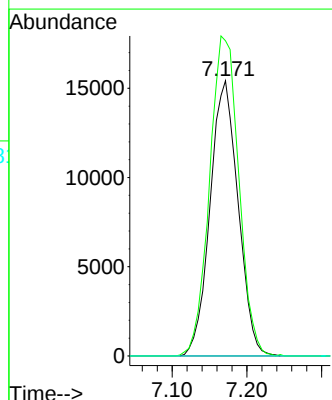
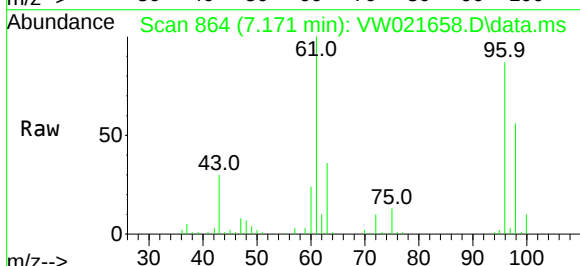
RT: 7.171 min Scan# 864

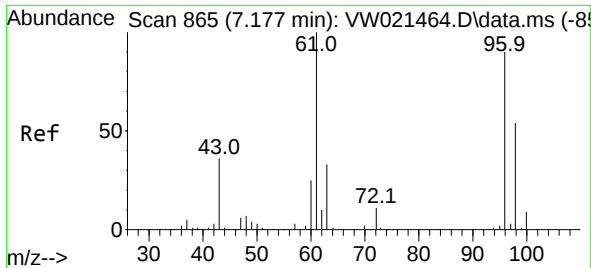
Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

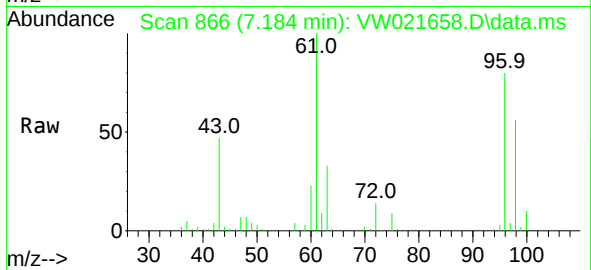
Tgt Ion: 96	Resp: 40235
Ion Ratio	Lower Upper
96	100
61	114.5 103.7 192.7
68	0.0 0.0 0.0



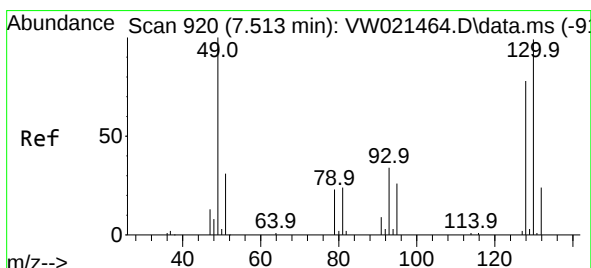
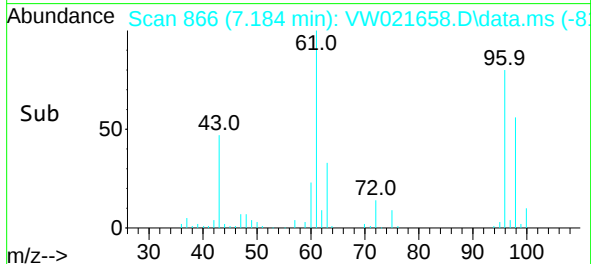
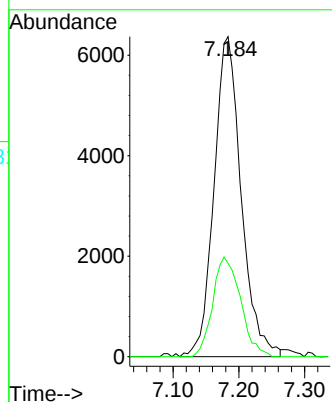


#22
2-Butanone
Concen: 53.393 ug/L
RT: 7.184 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Instrument :
MSVOA_W
ClientSampleId :

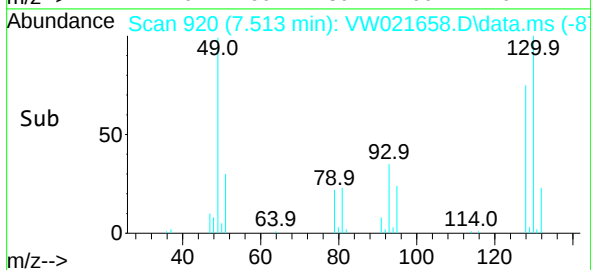
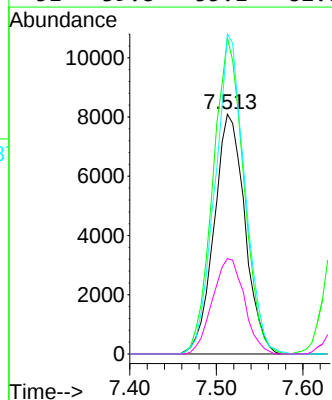
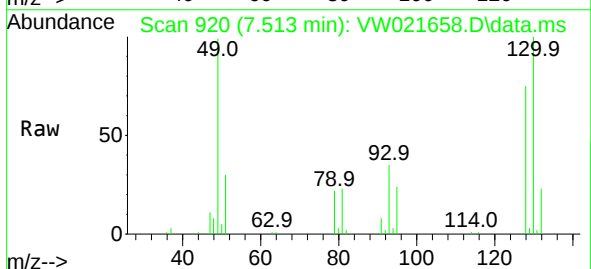


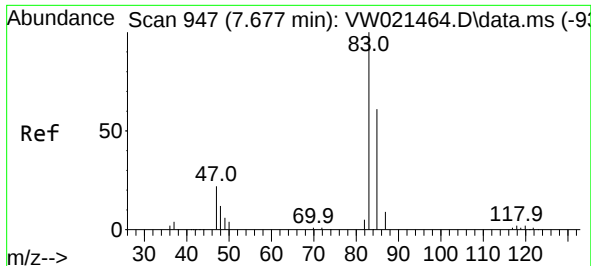
Tgt Ion: 43 Resp: 18322
Ion Ratio Lower Upper
43 100
72 31.8 11.8 35.4



#23
Bromochloromethane
Concen: 26.469 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

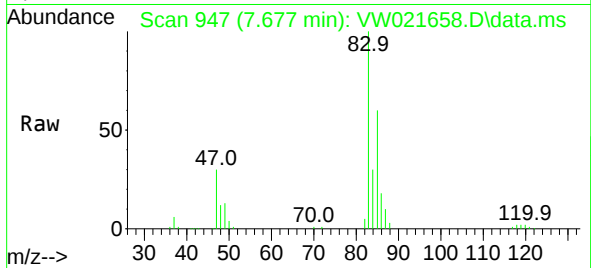
Tgt Ion: 128 Resp: 20003
Ion Ratio Lower Upper
128 100
49 131.9 150.3 279.1#
130 133.5 88.3 163.9
51 39.8 55.1 82.7#



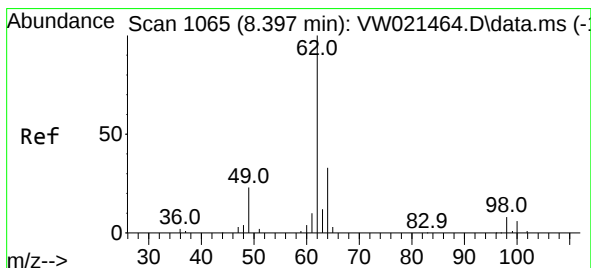
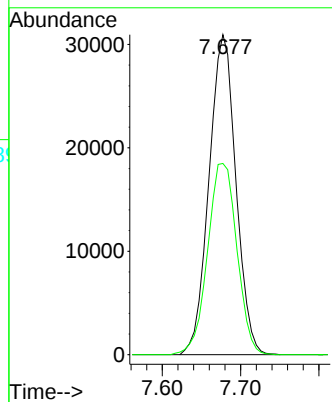
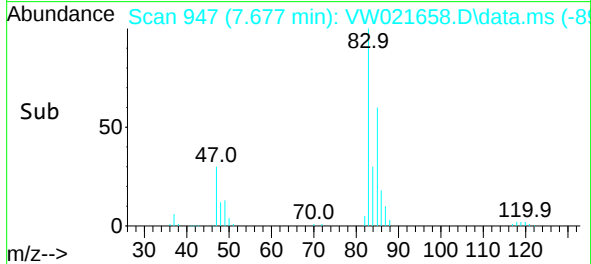


#25
Chloroform
Concen: 26.472 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

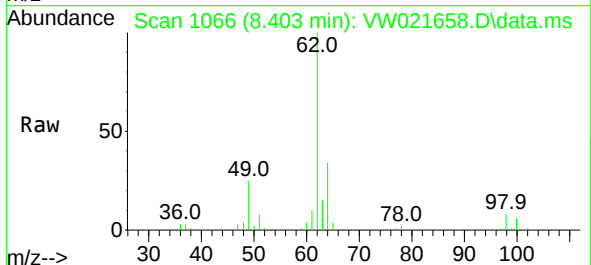
Instrument :
MSVOA_W
ClientSampleId :



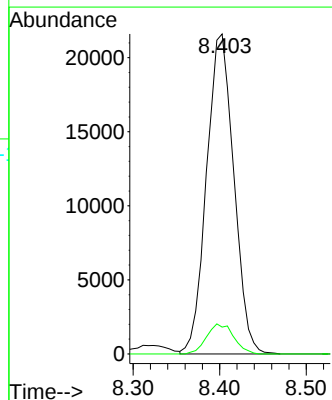
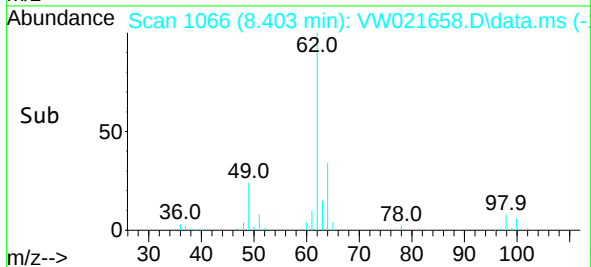
Tgt Ion: 83 Resp: 73892
Ion Ratio Lower Upper
83 100
85 59.7 45.1 83.7

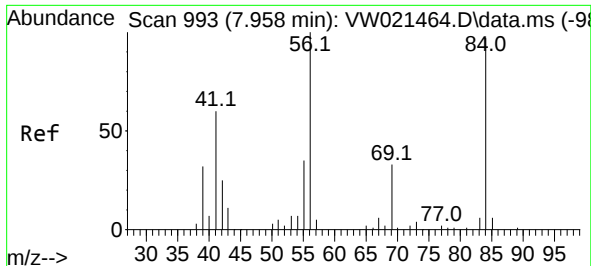


#27
1,2-Dichloroethane
Concen: 26.732 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10



Tgt Ion: 62 Resp: 47253
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7





#29

Cyclohexane

Concen: 20.190 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

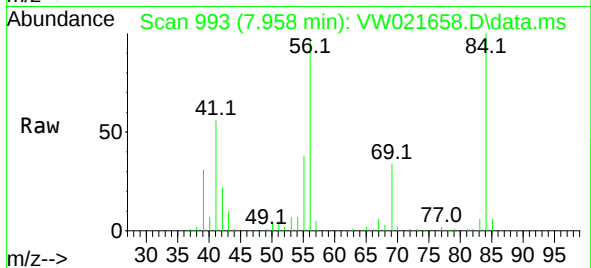
Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

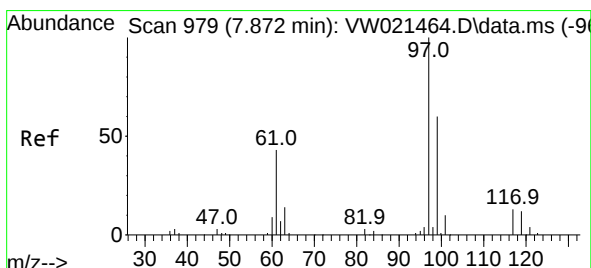
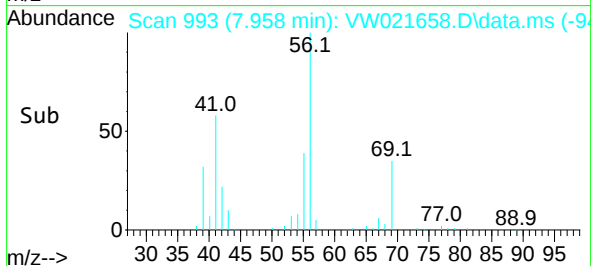
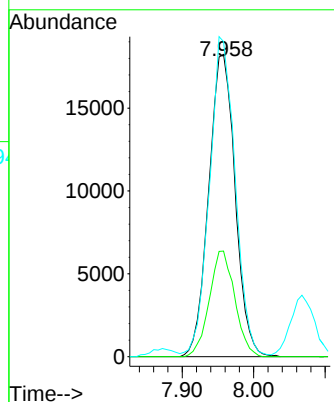
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	46921
Ion Ratio	Lower	Upper	
56	100		
69	33.7	23.5	35.3
84	103.0	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 23.370 ug/L

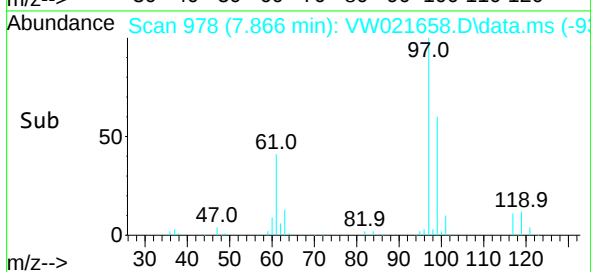
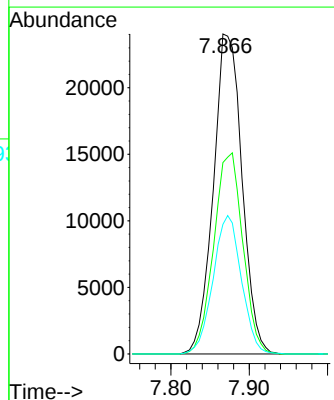
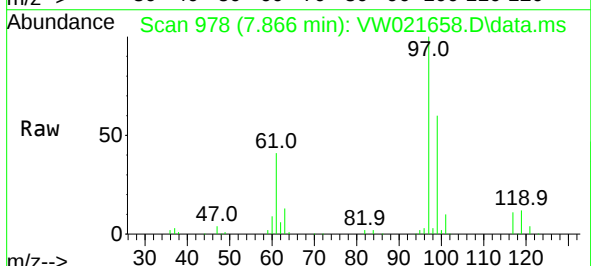
RT: 7.866 min Scan# 978

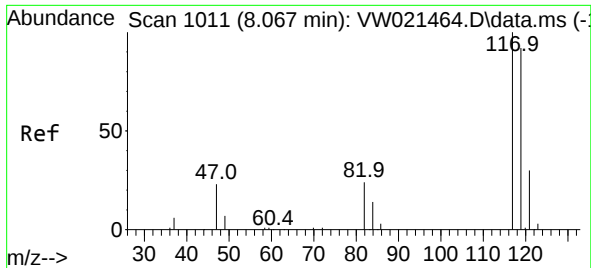
Delta R.T. -0.006 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

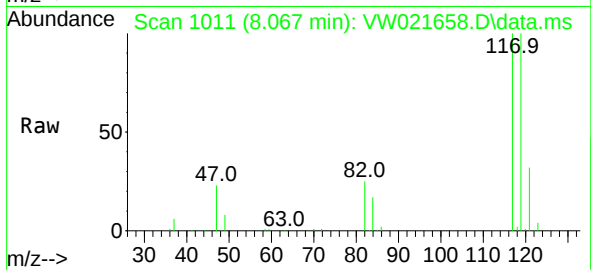
Tgt Ion:	97	Resp:	61221
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.6	77.4
61	42.8	40.9	61.3



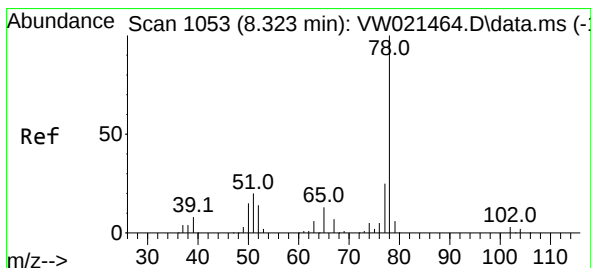
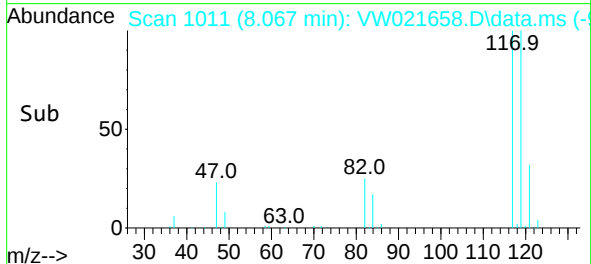
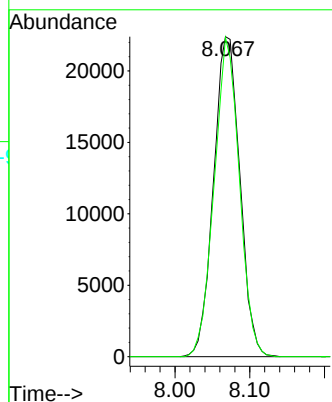


#31
Carbon tetrachloride
Concen: 22.635 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Instrument :
MSVOA_W
ClientSampleId :

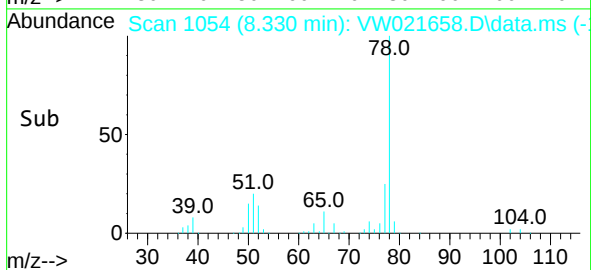
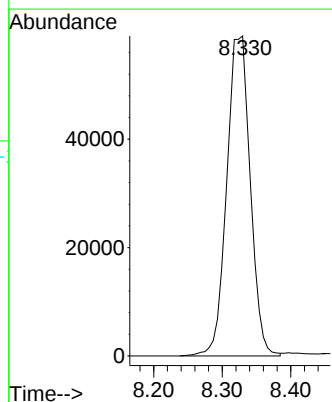
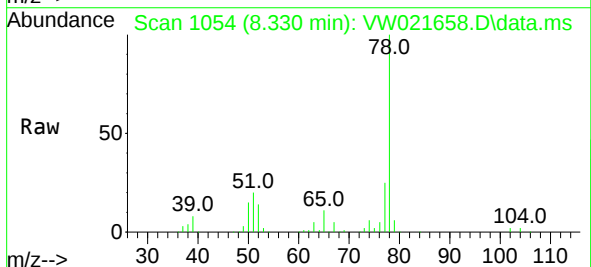


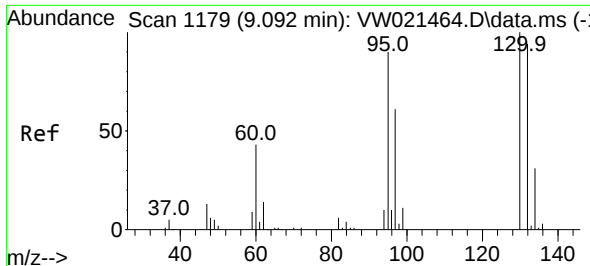
Tgt Ion:117 Resp: 54699
Ion Ratio Lower Upper
117 100
119 95.5 75.7 113.5



#33
Benzene
Concen: 22.182 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion: 78 Resp: 141085

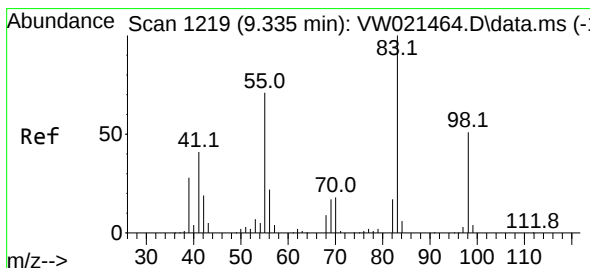
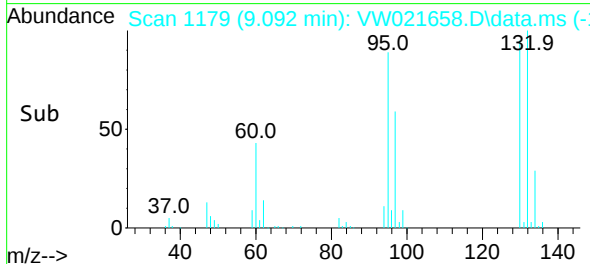
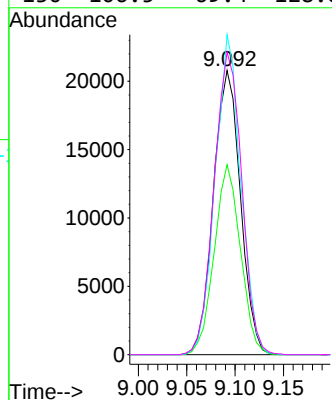
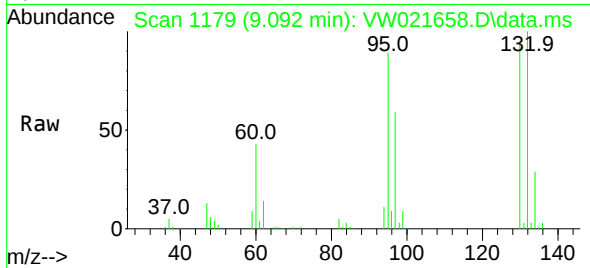




#34
Trichloroethene
Concen: 22.626 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

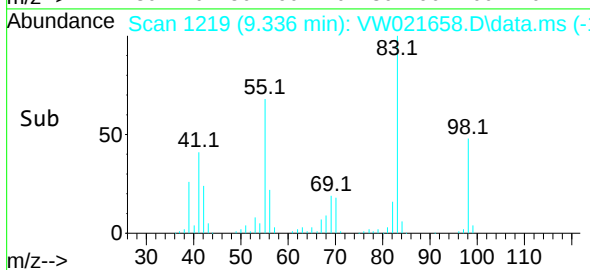
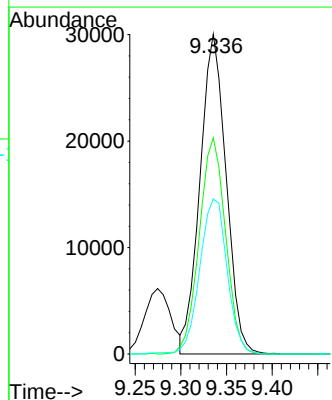
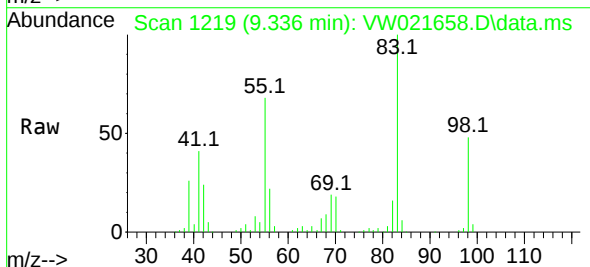
Instrument :
MSVOA_W
ClientSampleId :

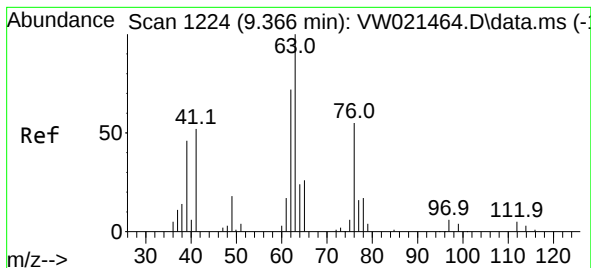
Tgt Ion: 95	Resp: 40398
Ion Ratio	Lower Upper
95 100	
97 66.9	47.0 87.2
132 112.6	65.5 121.6
130 106.5	69.4 128.8



#35
Methylcyclohexane
Concen: 20.269 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion: 83	Resp: 59695
Ion Ratio	Lower Upper
83 100	
55 68.0	70.8 106.2#
98 51.0	37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.631 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

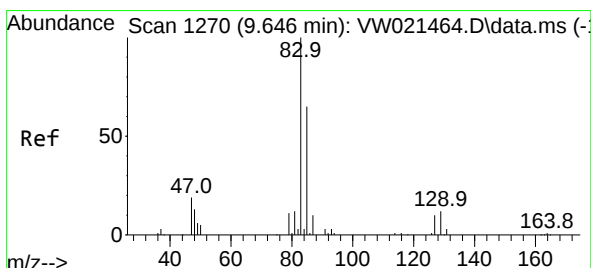
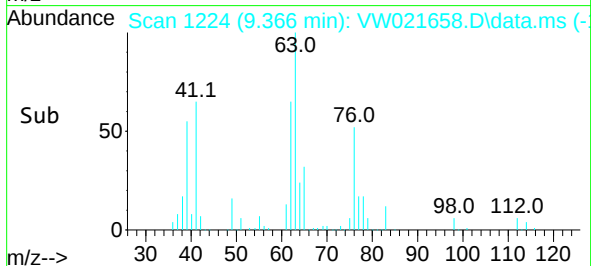
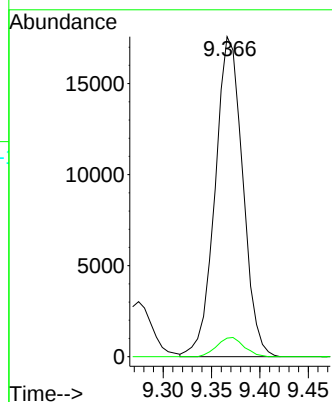
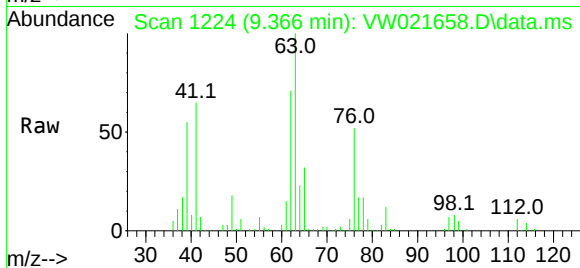
ClientSampleId :

Tgt Ion: 63 Resp: 34944

Ion Ratio Lower Upper

63 100

112 5.9 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.581 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

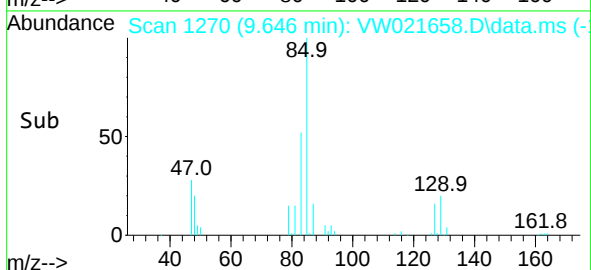
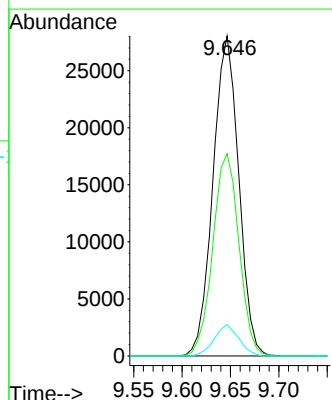
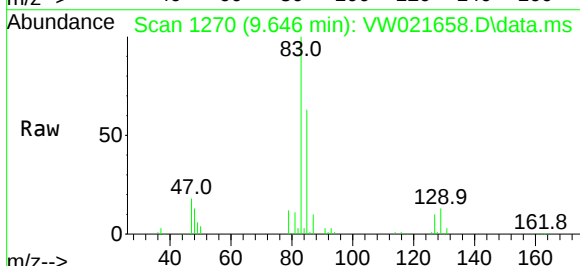
Tgt Ion: 83 Resp: 51849

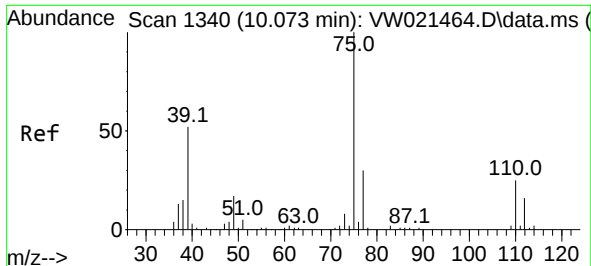
Ion Ratio Lower Upper

83 100

85 63.2 44.1 81.9

127 9.8 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 26.072 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

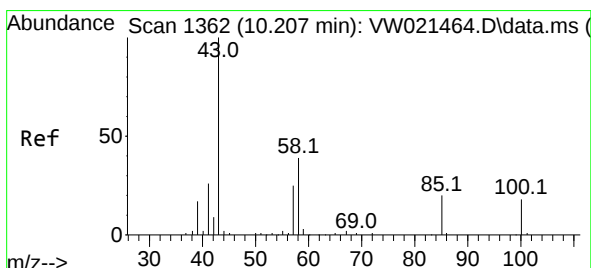
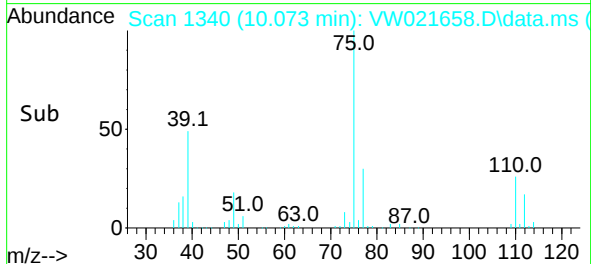
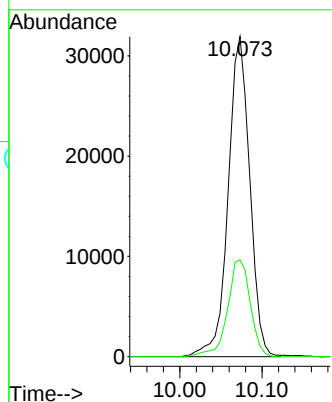
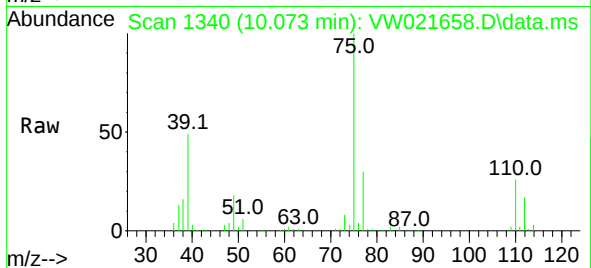
ClientSampleId :

Tgt Ion: 75 Resp: 58306

Ion Ratio Lower Upper

75 100

77 30.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 56.200 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

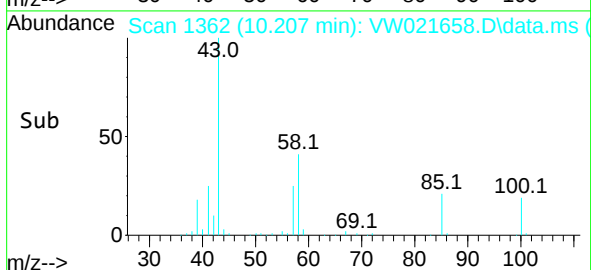
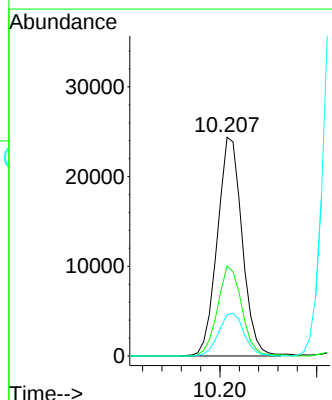
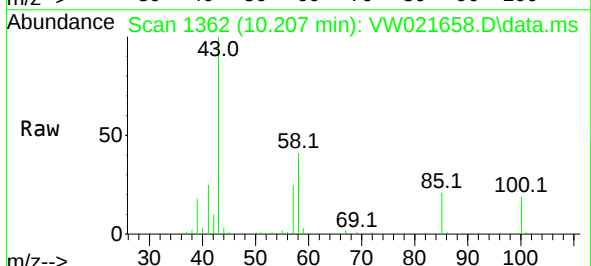
Tgt Ion: 43 Resp: 43444

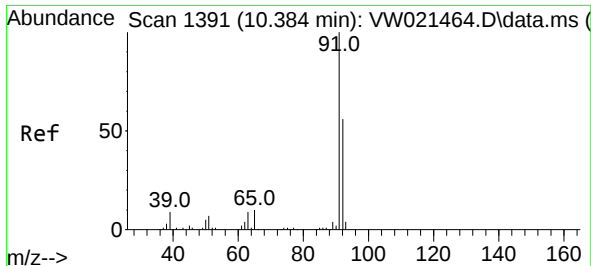
Ion Ratio Lower Upper

43 100

58 40.1 28.8 43.2

100 19.9 10.0 15.0

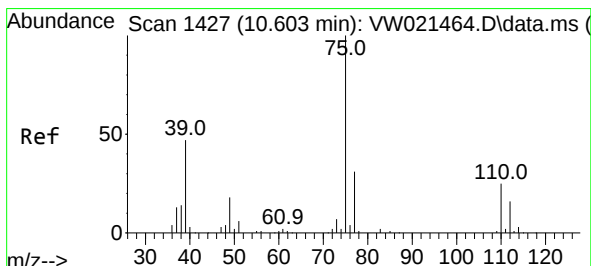
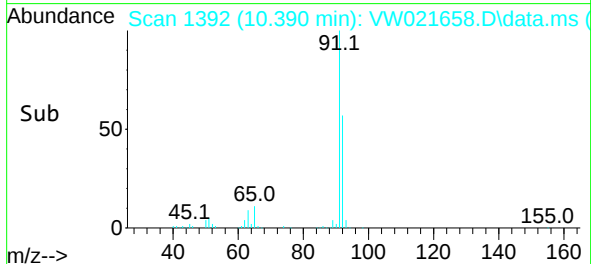
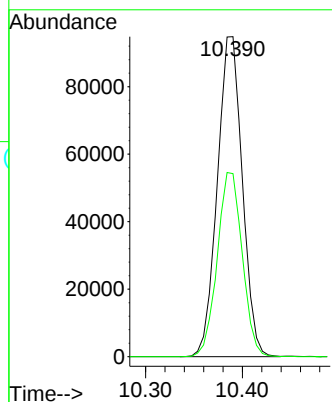
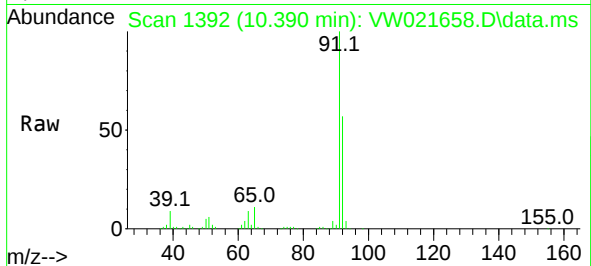




#42
Toluene
Concen: 22.852 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

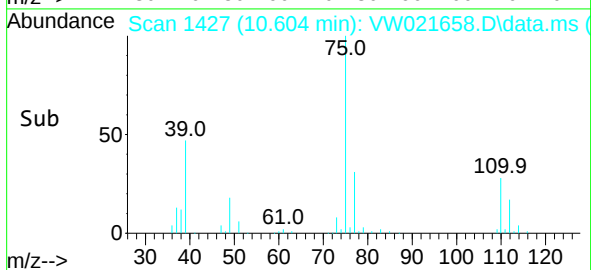
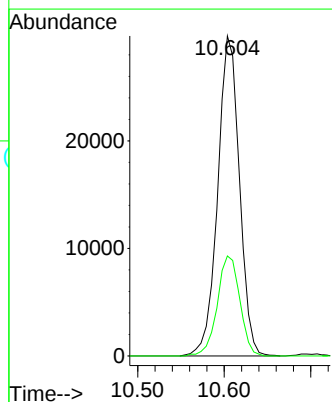
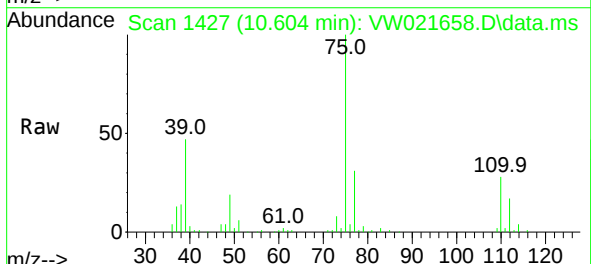
Instrument :
MSVOA_W
ClientSampleId :

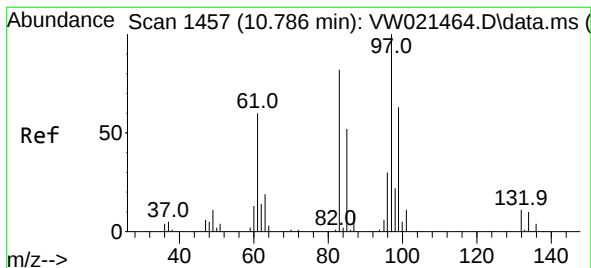
Tgt Ion: 91 Resp: 169989
Ion Ratio Lower Upper
91 100
92 57.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 26.444 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

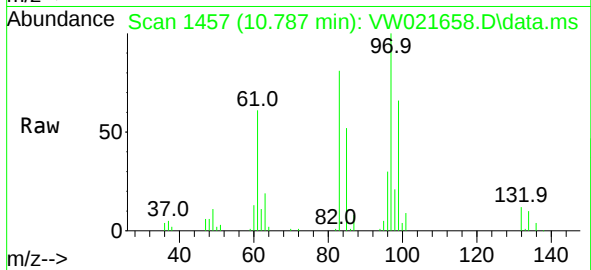
Tgt Ion: 75 Resp: 51798
Ion Ratio Lower Upper
75 100
77 31.3 22.2 41.2



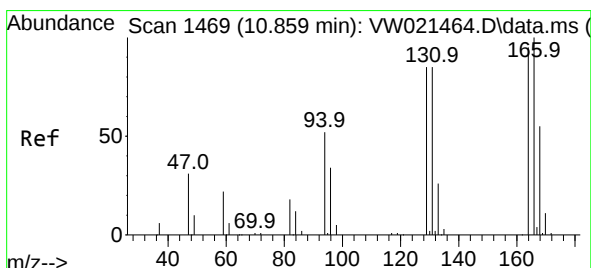
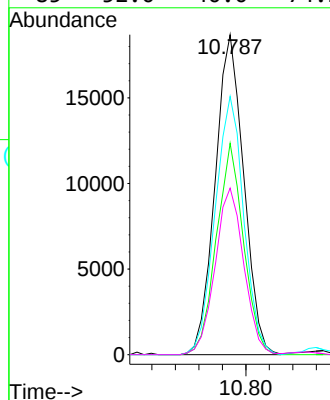
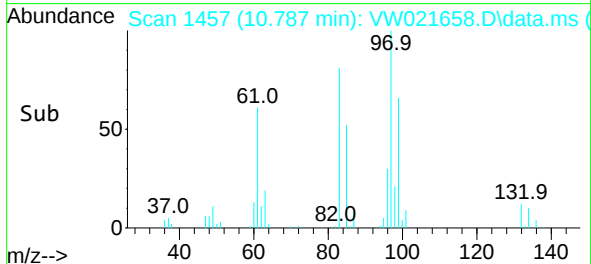


#45
1,1,2-Trichloroethane
Concen: 27.210 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

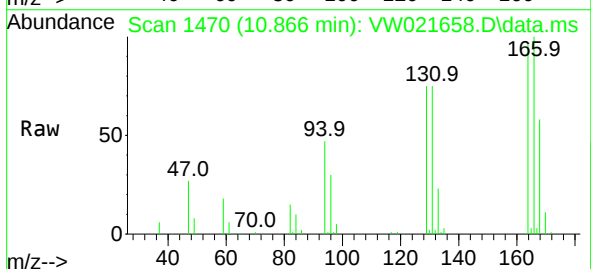
Instrument :
MSVOA_W
ClientSampleId :



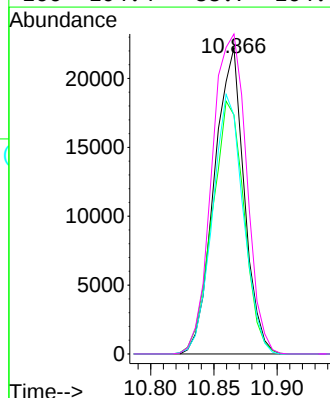
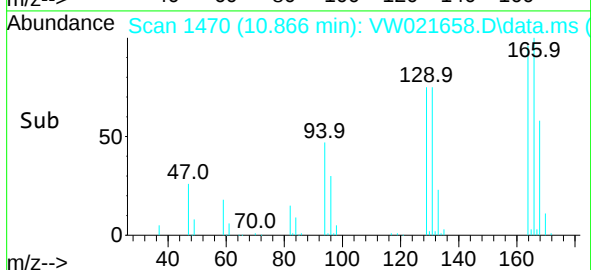
Tgt Ion: 97	Resp: 31596
Ion Ratio	Lower Upper
97 100	
99 66.0	43.0 79.8
83 80.7	62.6 116.3
85 52.0	40.0 74.2

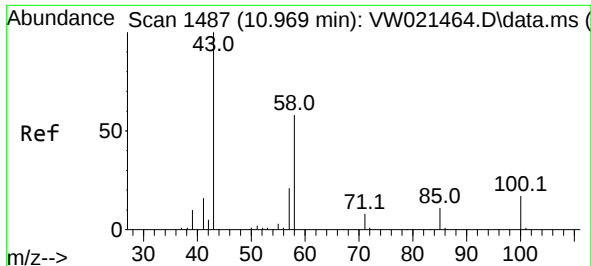


#46
Tetrachloroethene
Concen: 21.541 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10



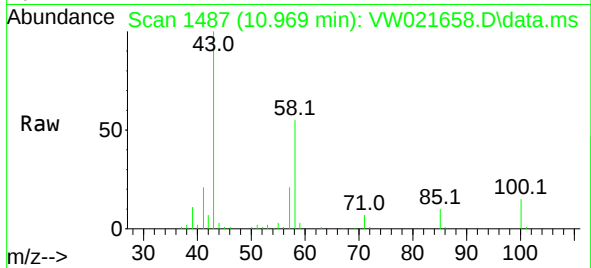
Tgt	Ion:164	Resp:	36536
Ion	Ratio	Lower	Upper
164	100		
129	78.0	65.5	121.7
131	77.9	59.7	110.9
166	104.4	88.7	164.7



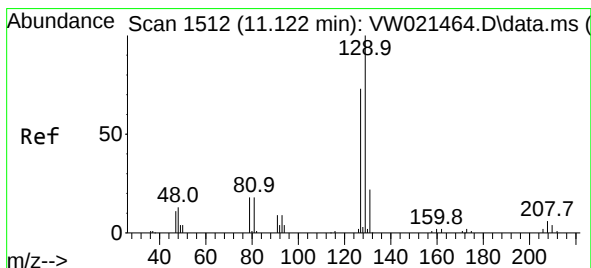
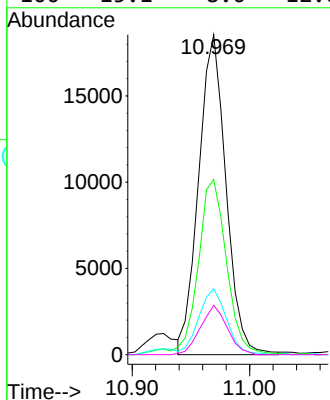
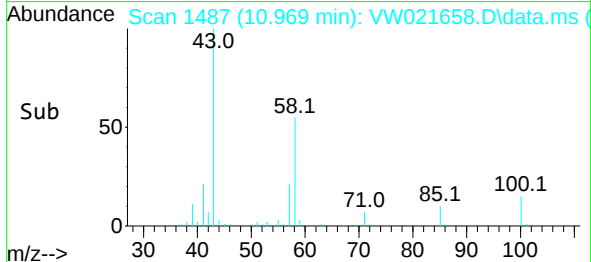


#48
2-Hexanone
Concen: 53.537 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Instrument :
MSVOA_W
ClientSampleId :

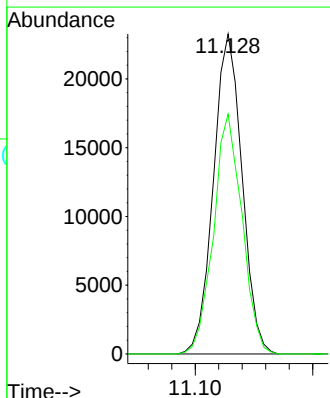
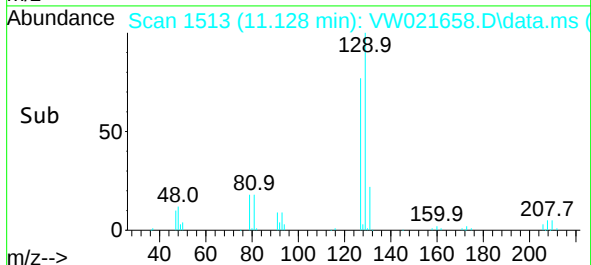
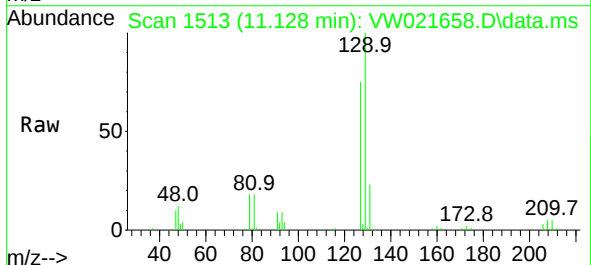


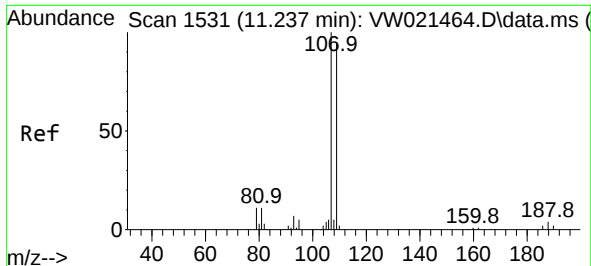
Tgt Ion: 43 Resp: 30012
Ion Ratio Lower Upper
43 100
58 56.3 40.2 60.2
57 20.9 14.3 21.5
100 15.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 27.501 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion: 129 Resp: 39368
Ion Ratio Lower Upper
129 100
127 75.0 55.7 103.5





#50

1,2-Dibromoethane

Concen: 26.991 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

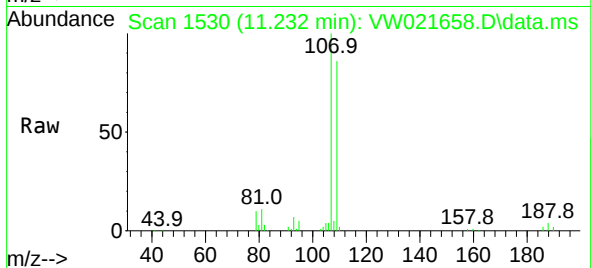
Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

ClientSampleId :



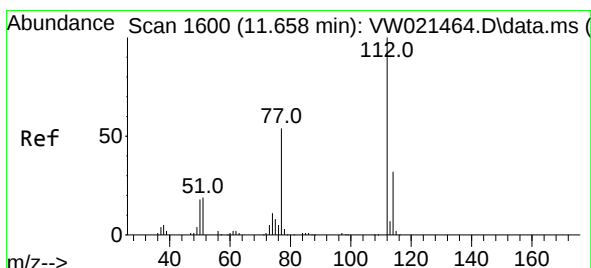
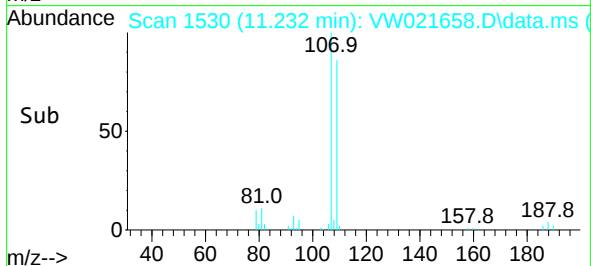
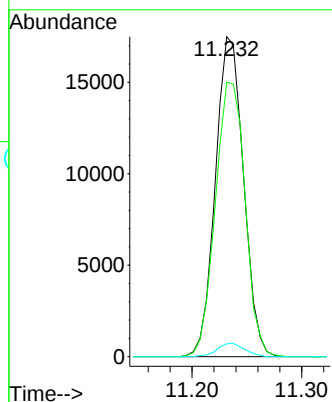
Tgt Ion:107 Resp: 31191

Ion Ratio Lower Upper

107 100

109 85.7 64.1 119.1

188 4.0 2.6 3.8#



#51

Chlorobenzene

Concen: 23.300 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

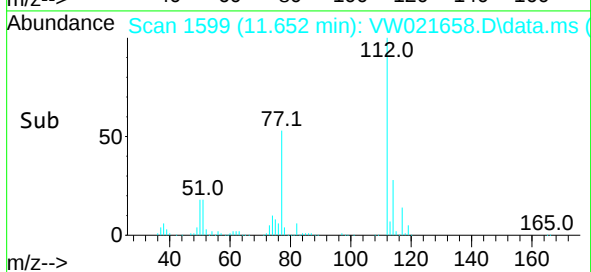
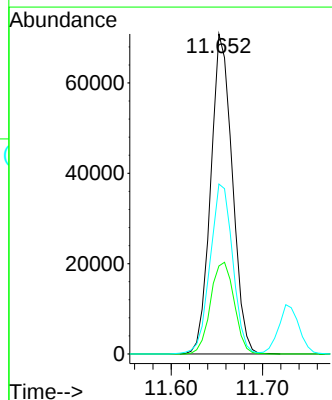
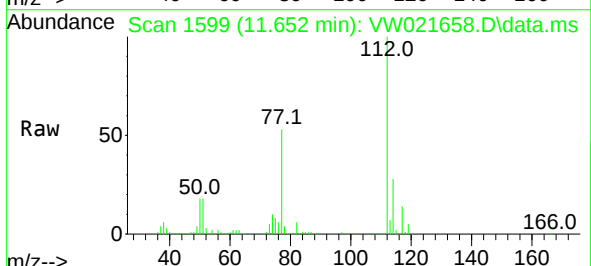
Tgt Ion:112 Resp: 116040

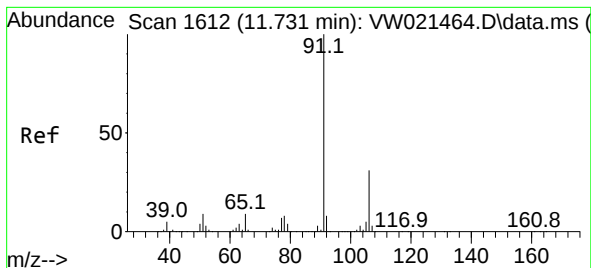
Ion Ratio Lower Upper

112 100

114 27.5 22.4 41.6

77 53.1 50.2 75.4

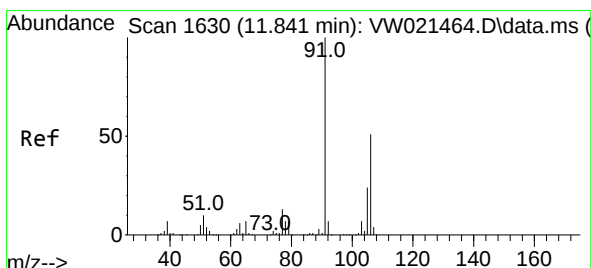
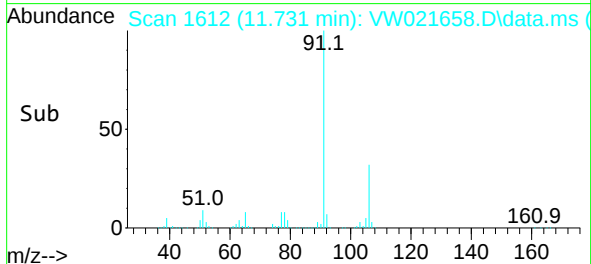
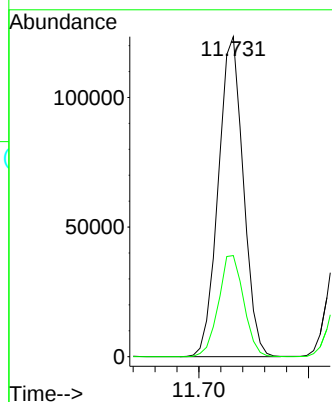
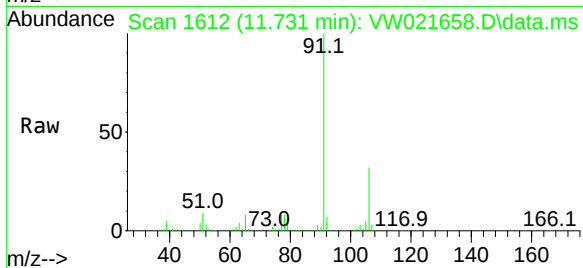




#52
Ethylbenzene
Concen: 23.006 ug/L
RT: 11.731 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

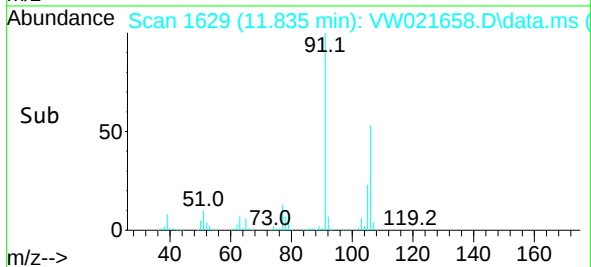
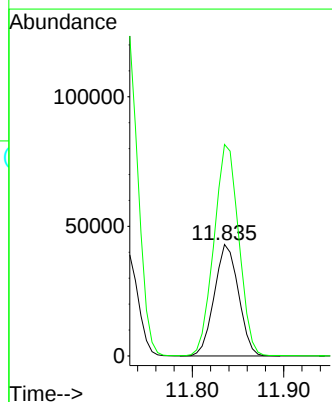
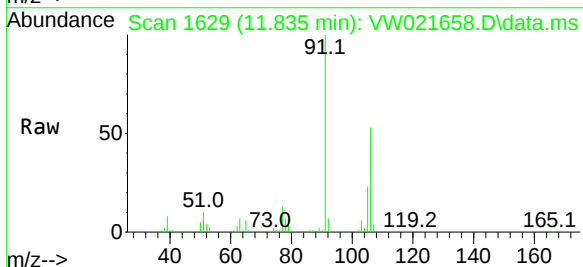
Instrument :
MSVOA_W
ClientSampleId :

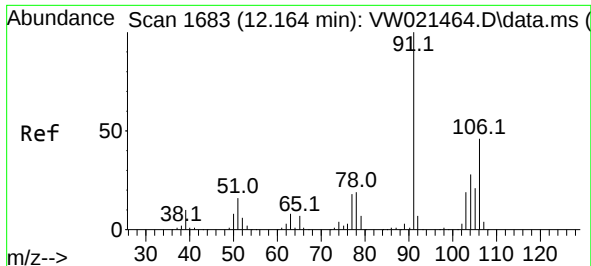
Tgt Ion: 91 Resp: 195561
Ion Ratio Lower Upper
91 100
106 31.6 21.5 39.9



#53
m,p-Xylene
Concen: 23.034 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion: 106 Resp: 78987
Ion Ratio Lower Upper
106 100
91 189.8 149.9 278.3

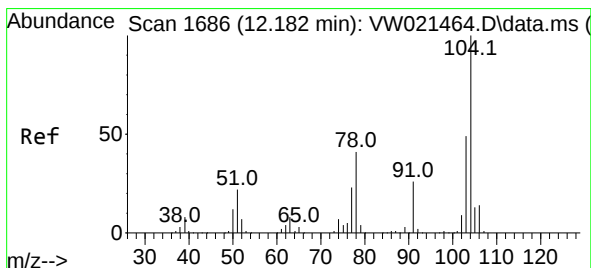
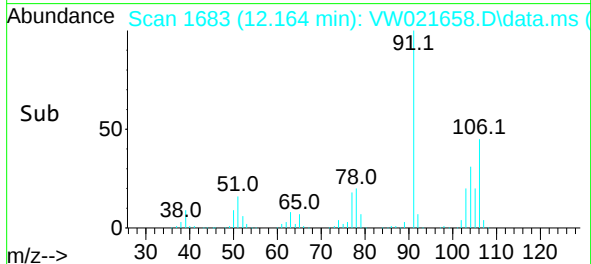
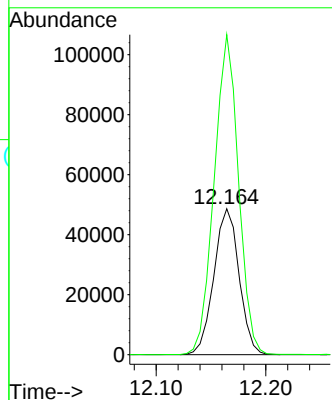
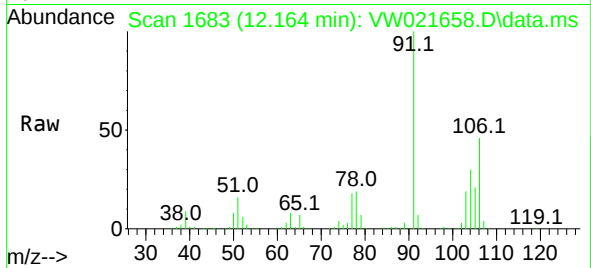




#54
o-Xylene
Concen: 23.884 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

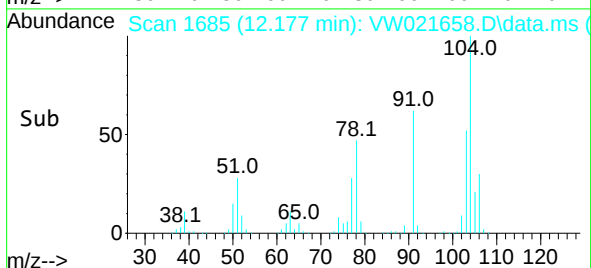
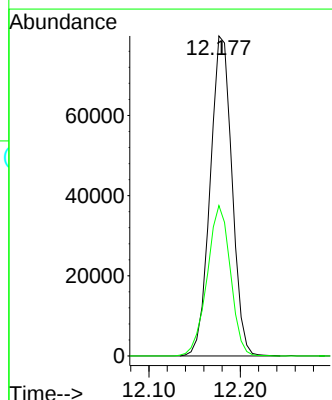
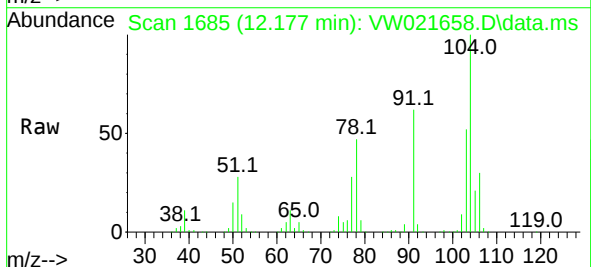
Instrument :
MSVOA_W
ClientSampleId :

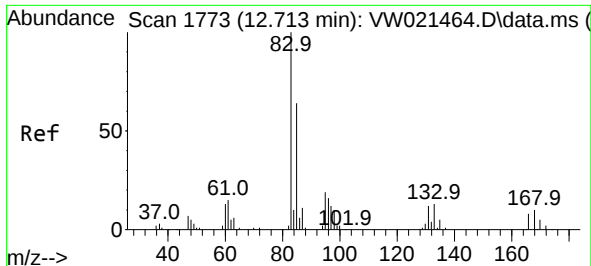
Tgt Ion:106 Resp: 77731
Ion Ratio Lower Upper
106 100
91 219.3 153.6 285.3



#55
Styrene
Concen: 23.852 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion:104 Resp: 132111
Ion Ratio Lower Upper
104 100
78 47.0 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 27.673 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021658.D

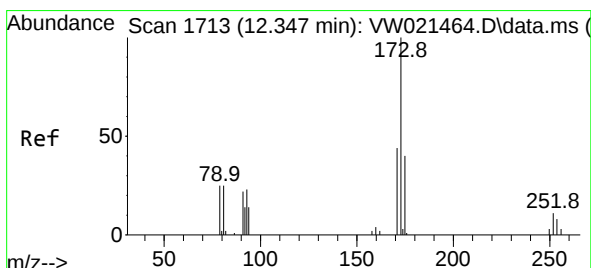
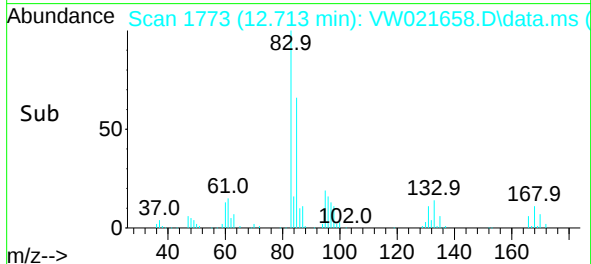
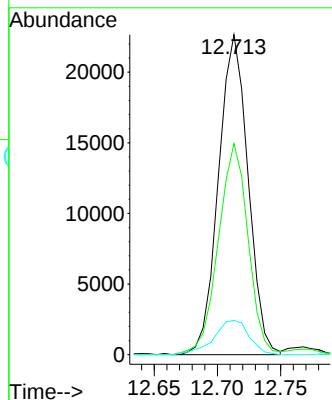
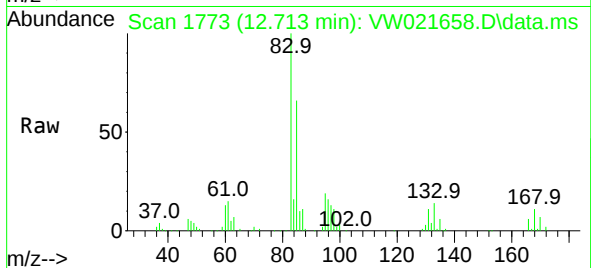
Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	36835
Ion Ratio	Lower	Upper	
83	100		
85	66.0	44.0	81.6
131	10.7	6.9	10.3#



#59

Bromoform

Concen: 24.586 ug/L

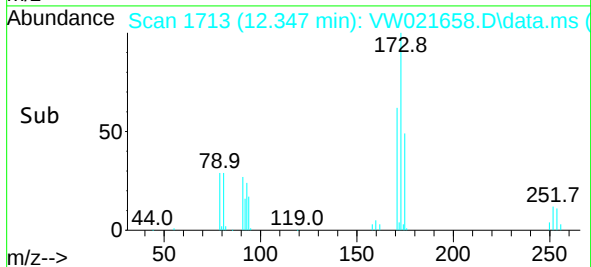
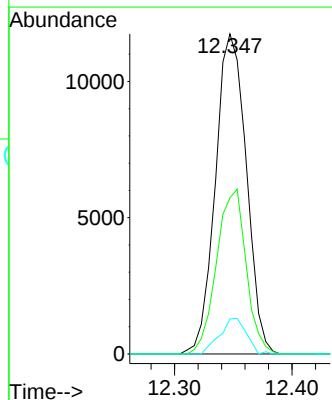
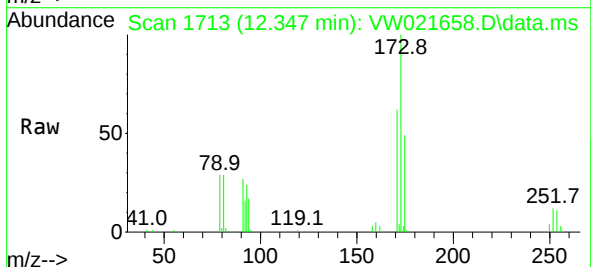
RT: 12.347 min Scan# 1713

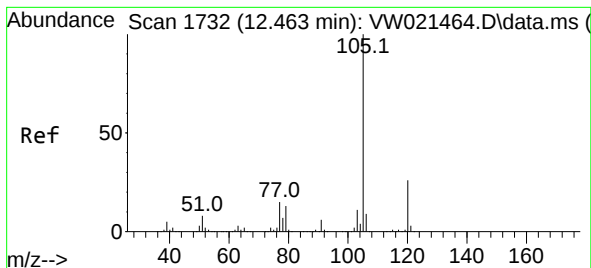
Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Tgt Ion:	173	Resp:	21459
Ion Ratio	Lower	Upper	
173	100		
175	49.2	39.6	59.4
254	9.5	7.4	11.0





#60

Isopropylbenzene

Concen: 21.397 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

ClientSampleId :

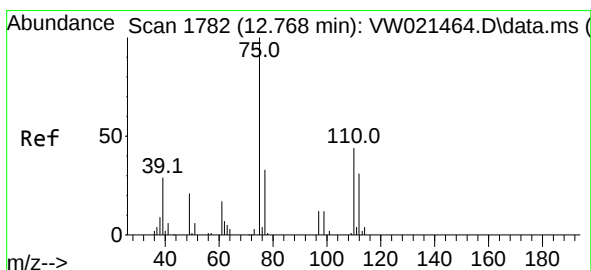
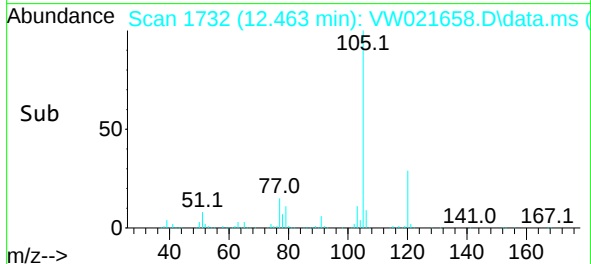
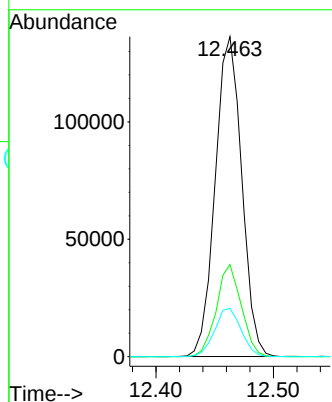
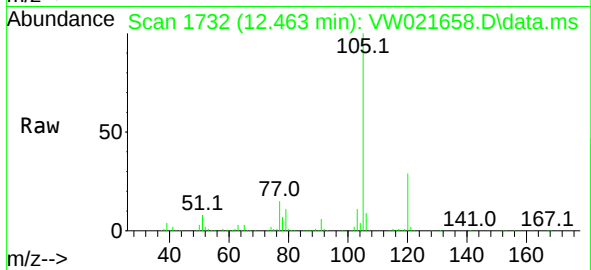
Tgt Ion:105 Resp: 213275

Ion Ratio Lower Upper

105 100

120 27.2 20.1 30.1

77 15.2 13.8 20.8



#61

1,2,3-Trichloropropane

Concen: 25.015 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

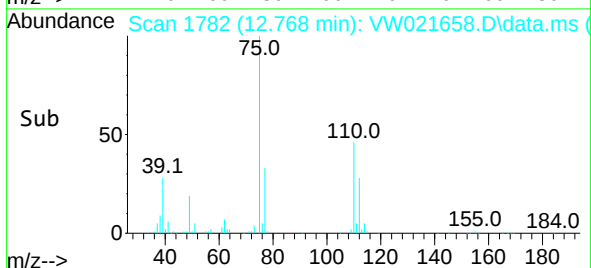
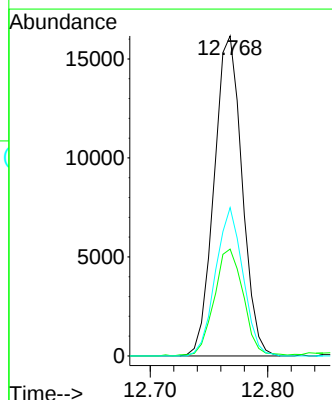
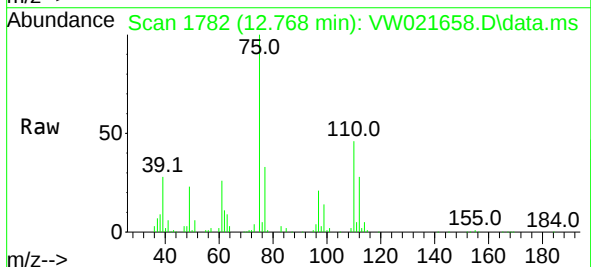
Tgt Ion: 75 Resp: 26706

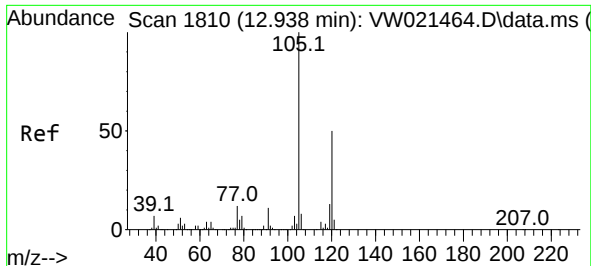
Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.8

110 45.4 29.0 43.4#

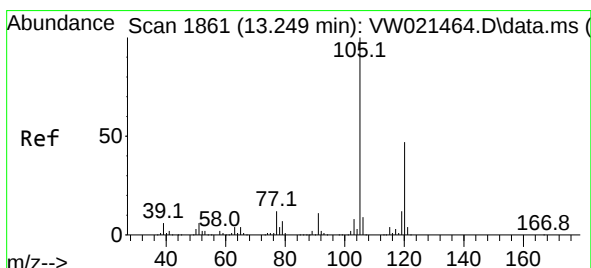
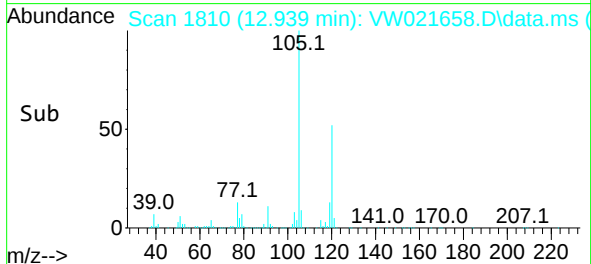
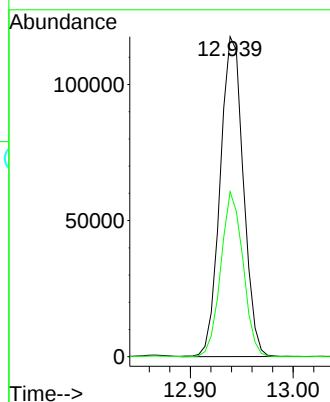
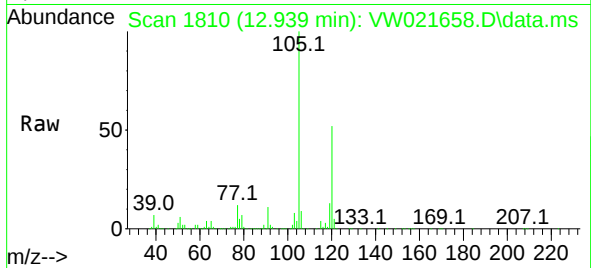




#62
1,3,5-Trimethylbenzene
Concen: 21.706 ug/L
RT: 12.939 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

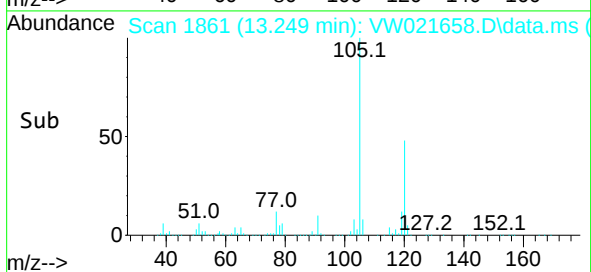
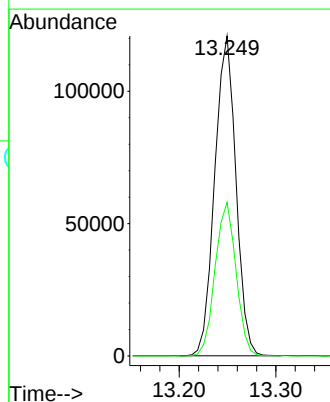
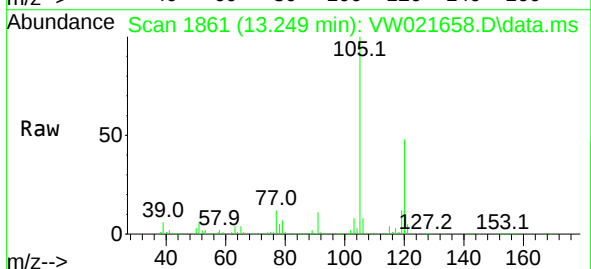
Instrument :
MSVOA_W
ClientSampleId :

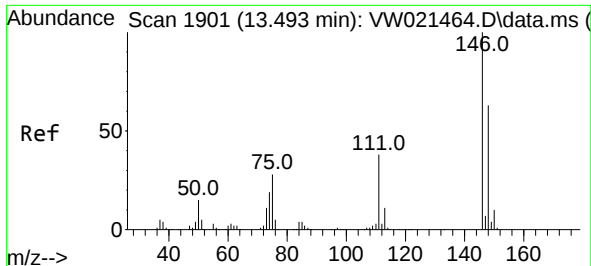
Tgt Ion:105 Resp: 184104
Ion Ratio Lower Upper
105 100
120 49.3 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 21.961 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion:105 Resp: 183753
Ion Ratio Lower Upper
105 100
120 47.5 35.0 52.6

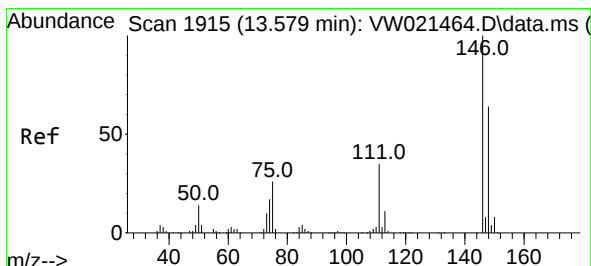
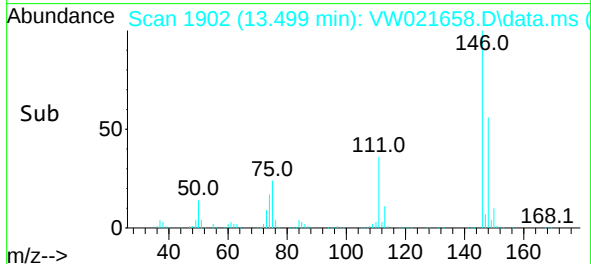
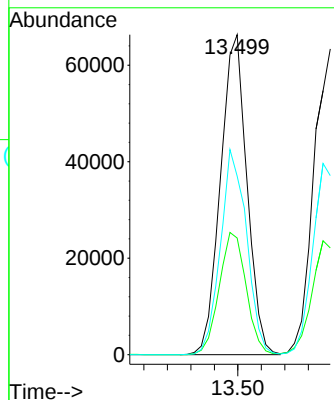
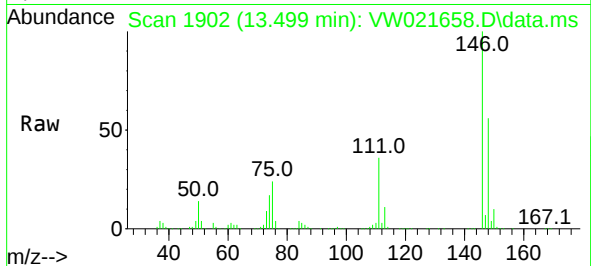




#64
1,3-Dichlorobenzene
Concen: 22.058 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

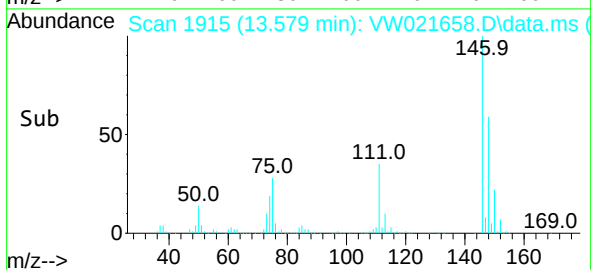
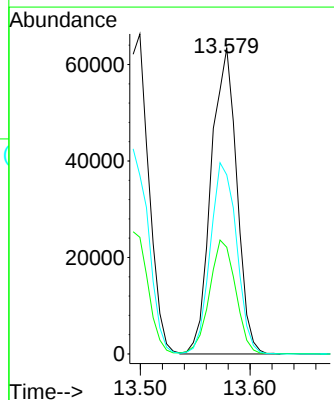
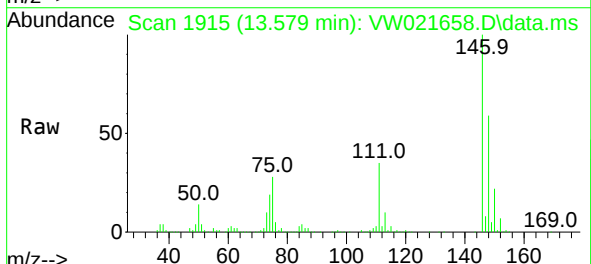
Instrument :
MSVOA_W
ClientSampleId :

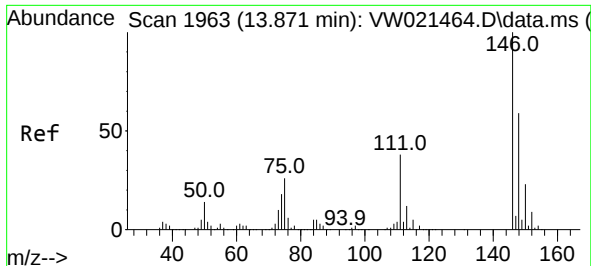
Tgt Ion:146 Resp: 103704
Ion Ratio Lower Upper
146 100
111 36.4 29.8 55.3
148 55.8 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 22.063 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion:146 Resp: 103060
Ion Ratio Lower Upper
146 100
111 34.9 29.0 53.9
148 58.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.545 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW021658.D

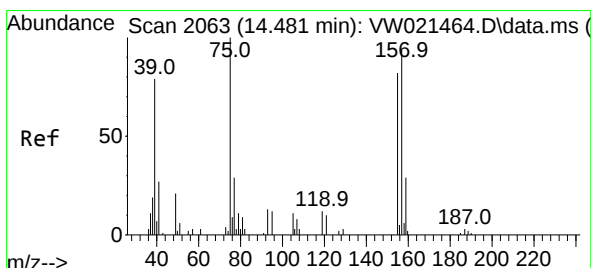
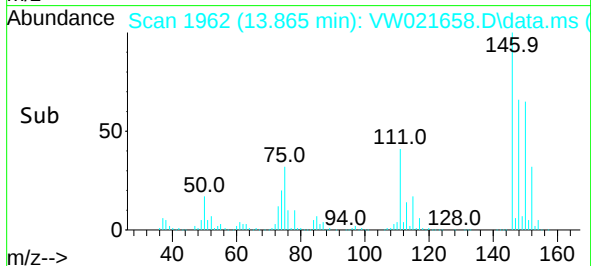
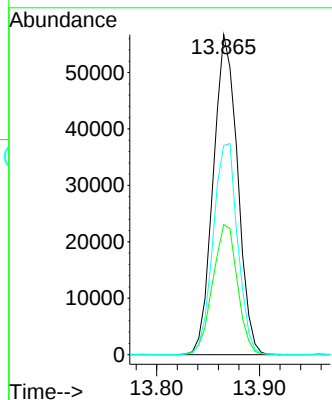
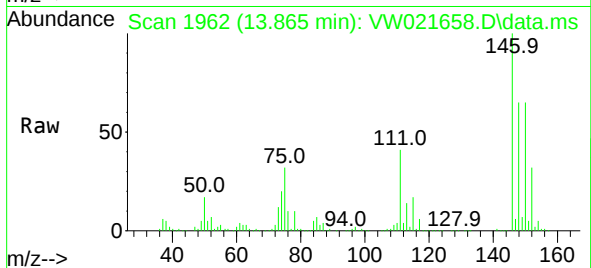
Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146	Resp:	93315
Ion Ratio	Lower	Upper
146	100	
111	40.7	33.1 49.7
148	65.4	47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 25.353 ug/L

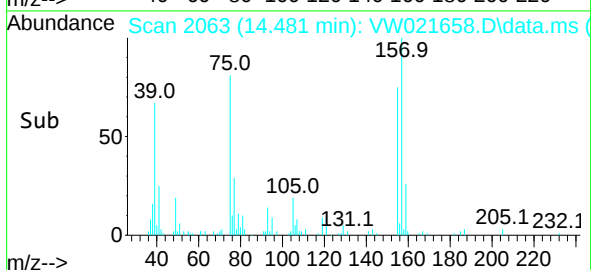
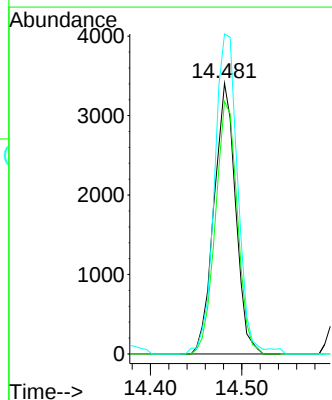
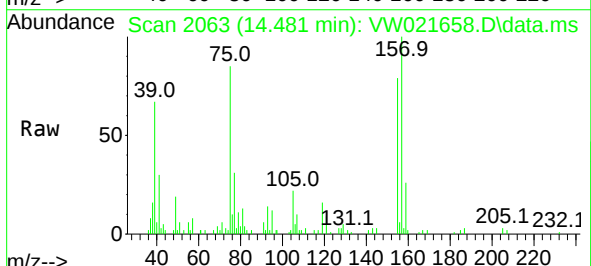
RT: 14.481 min Scan# 2063

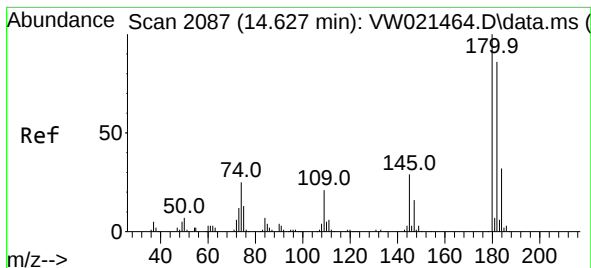
Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Tgt Ion: 75	Resp:	5583
Ion Ratio	Lower	Upper
75	100	
155	93.3	54.2 81.2#
157	118.2	69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 21.210 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

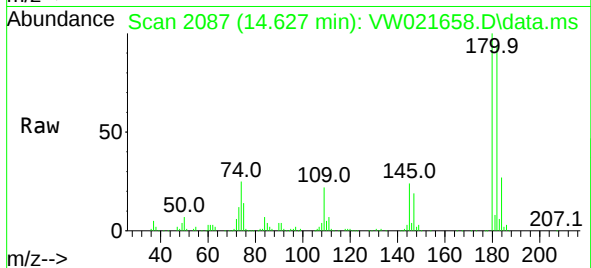
Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 74532

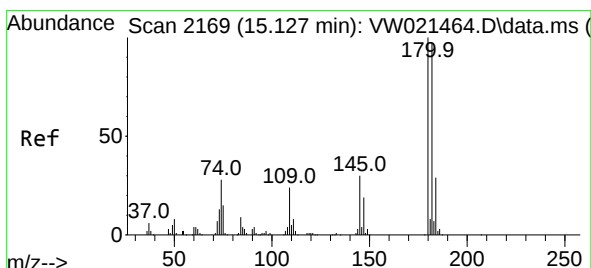
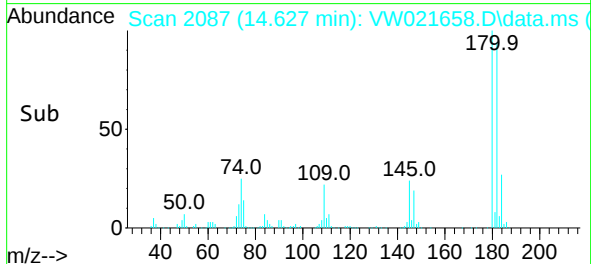
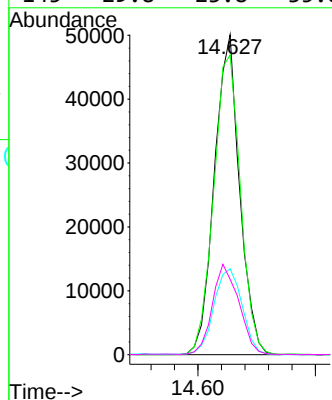
Ion Ratio Lower Upper

180 100

182 99.8 75.4 113.0

184 30.1 23.8 35.8

145 29.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.738 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021658.D

Acq: 25 Dec 2021 20:10

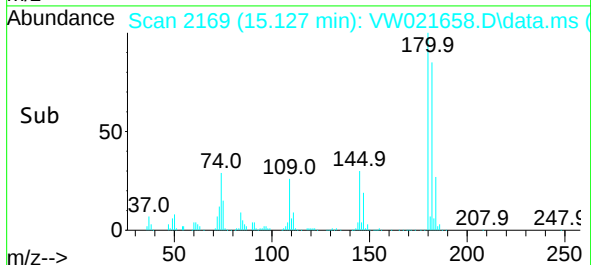
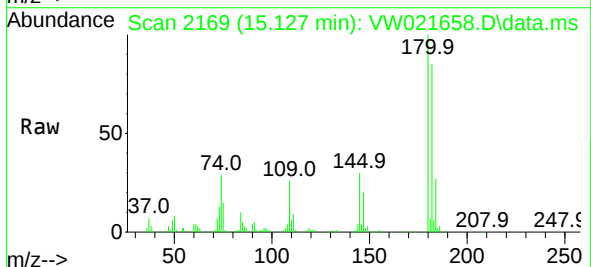
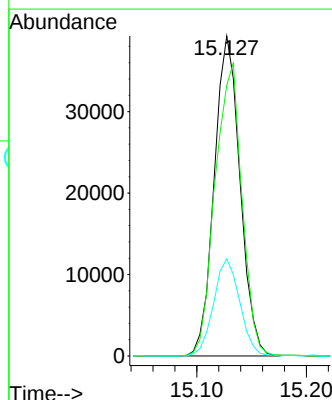
Tgt Ion:180 Resp: 64267

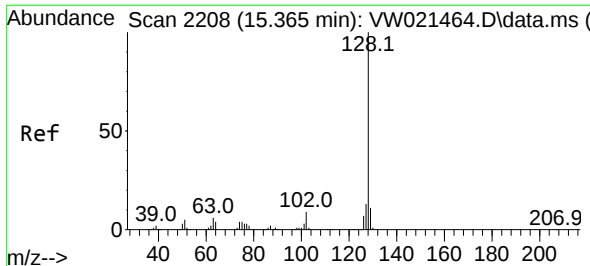
Ion Ratio Lower Upper

180 100

182 95.1 79.0 118.6

145 30.7 26.0 39.0

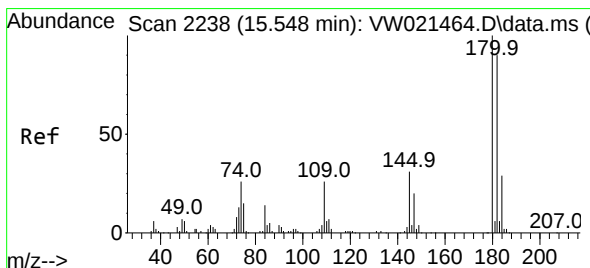
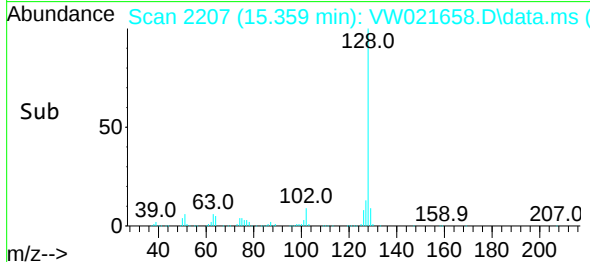
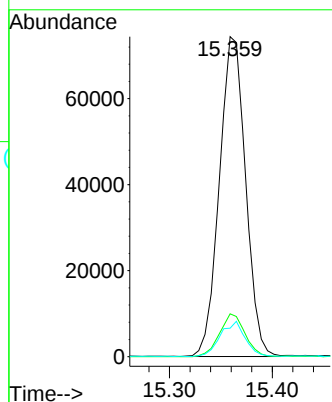
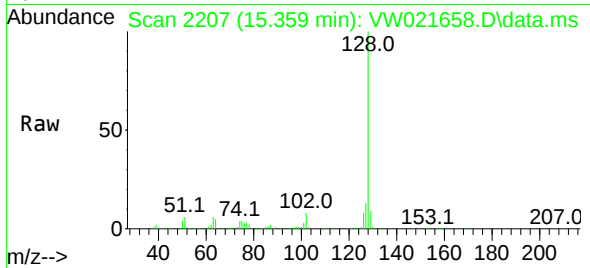




#71
Naphthalene
Concen: 28.736 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 131953
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 23.960 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW021658.D
Acq: 25 Dec 2021 20:10

Tgt Ion:180 Resp: 55966
Ion Ratio Lower Upper
180 100
182 95.7 76.6 114.8
145 32.6 27.4 41.0

