

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021637.D
 Acq On : 25 Dec 2021 10:35
 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 00:39:38 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	114656	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	116849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	70620	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	49648	23.776	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.120%
7) Chloroethane-d5	2.879	69	35592	25.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.120%
11) 1,1-Dichloroethene-d2	4.019	63	74597	26.795	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	107.200%
21) 2-Butanone-d5	7.092	46	15716	53.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.780%
24) Chloroform-d	7.647	84	89773	28.096	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	8.305	65	46727	27.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.960%
32) Benzene-d6	8.275	84	167997	26.229	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.920%
36) 1,2-Dichloropropane-d6	9.275	67	46044	26.805	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.240%
41) Toluene-d8	10.323	98	171444	26.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	10.573	79	21435	27.101	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.400%
47) 2-Hexanone-d5	10.921	63	14085	55.452	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.900%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	38642	26.169	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	67925	24.818	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.280%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	8551	19.302	ug/L	95
3) Chloromethane	2.209	50	29816	20.329	ug/L	99
5) Vinyl chloride	2.355	62	46938	20.387	ug/L	97
6) Bromomethane	2.776	94	29383	19.675	ug/L	96
8) Chloroethane	2.916	64	24066	22.689	ug/L	99
9) Trichlorofluoromethane	3.251	101	30084	24.764	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	39183	24.749	ug/L	90
12) 1,1-Dichloroethene	4.038	96	34692	24.410	ug/L	75
13) Acetone	4.154	43	10782	40.860	ug/L	92
14) Carbon disulfide	4.379	76	74548	20.312	ug/L	100
15) Methyl Acetate	4.678	43	11339	24.904	ug/L	# 91
16) Methylene chloride	4.910	84	37638	19.867	ug/L	82
17) trans-1,2-Dichloroethene	5.422	96	36192	23.519	ug/L	87
18) Methyl tert-butyl Ether	5.428	73	57545	27.076	ug/L	94
19) 1,1-Dichloroethane	6.214	63	63329	26.226	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	41991	25.871	ug/L	75
22) 2-Butanone	7.177	43	15961	46.317	ug/L	86
23) Bromochloromethane	7.513	128	19547	25.756	ug/L	# 65
25) Chloroform	7.677	83	73192	26.111	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021637.D
 Acq On : 25 Dec 2021 10:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

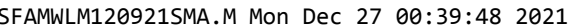
Instrument :
 MSVOA_W
 ClientSampleId :

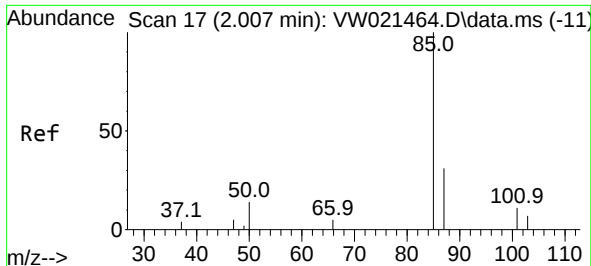
Quant Time: Dec 27 00:39:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	46560	26.229	ug/L	96
29) Cyclohexane	7.952	56	52119	22.409	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	65475	24.974	ug/L	94
31) Carbon tetrachloride	8.067	117	60685	25.092	ug/L	98
33) Benzene	8.324	78	149580	23.499	ug/L	100
34) Trichloroethene	9.092	95	42784	23.944	ug/L	92
35) Methylcyclohexane	9.336	83	64923	22.026	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	34821	24.525	ug/L #	96
38) Bromodichloromethane	9.646	83	51563	26.413	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	58751	26.250	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	36911	47.711	ug/L #	92
42) Toluene	10.384	91	180654	24.266	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	52241	26.649	ug/L	97
45) 1,1,2-Trichloroethane	10.787	97	29622	25.490	ug/L	89
46) Tetrachloroethene	10.860	164	38663	22.777	ug/L	97
48) 2-Hexanone	10.969	43	27424	48.882	ug/L #	94
49) Dibromochloromethane	11.128	129	38992	27.217	ug/L	94
50) 1,2-Dibromoethane	11.232	107	29007	25.082	ug/L	94
51) Chlorobenzene	11.658	112	119398	23.955	ug/L	92
52) Ethylbenzene	11.731	91	201158	23.645	ug/L	96
53) m,p-Xylene	11.835	106	82353	23.996	ug/L	80
54) o-Xylene	12.164	106	78115	23.983	ug/L	88
55) Styrene	12.177	104	134160	24.203	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	33507	25.152	ug/L #	98
59) Bromoform	12.347	173	21196	25.225	ug/L #	99
60) Isopropylbenzene	12.463	105	219445	22.869	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	24170	23.516	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.939	105	186352	22.822	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	185156	22.986	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	104032	22.985	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	105855	23.539	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	90480	22.706	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	4671	22.033	ug/L #	62
69) 1,3,5-Trichlorobenzene	14.627	180	78079	23.080	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	60683	22.302	ug/L	96
71) Naphthalene	15.359	128	102203	23.119	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	51382	22.849	ug/L	99

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

Quant Time: Dec 27 00:39:38 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

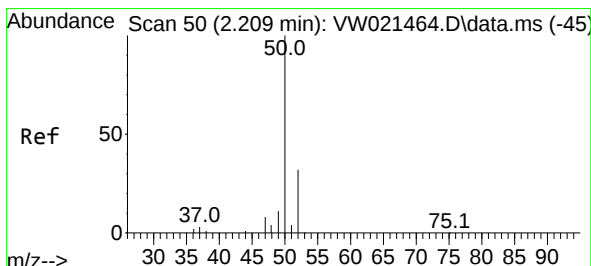
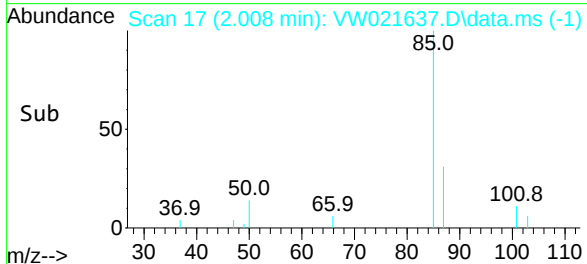
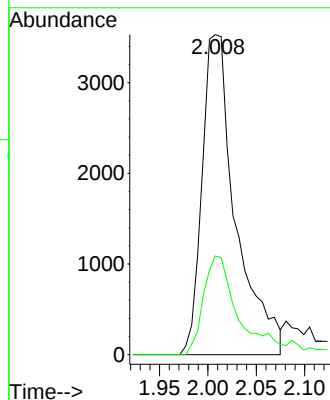
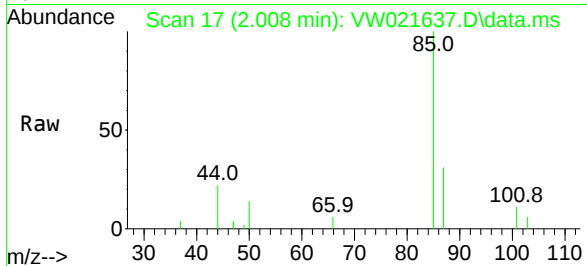




#2
 Dichlorodifluoromethane
 Concen: 19.302 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021637.D
 Acq: 25 Dec 2021 10:35

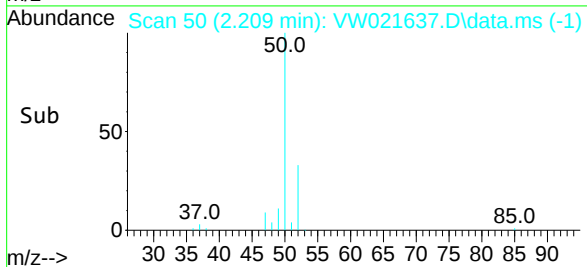
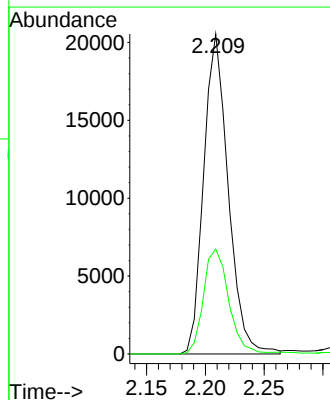
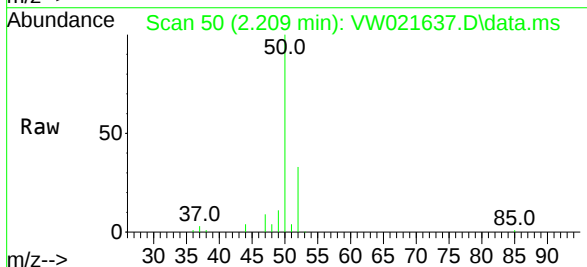
Instrument :
 MSVOA_W
 ClientSampleId :

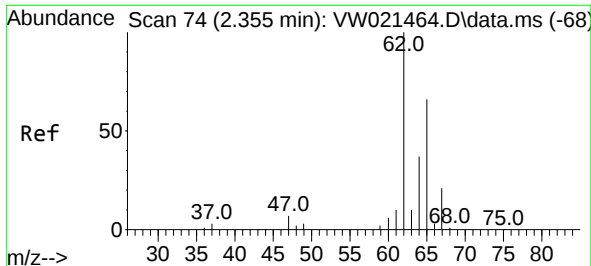
Tgt Ion: 85 Resp: 8551
 Ion Ratio Lower Upper
 85 100
 87 29.3 25.8 38.6



#3
 Chloromethane
 Concen: 20.329 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW021637.D
 Acq: 25 Dec 2021 10:35

Tgt Ion: 50 Resp: 29816
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.4 43.6

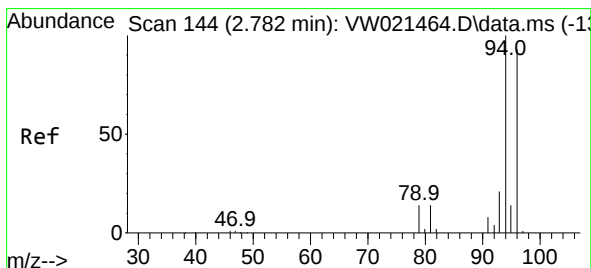
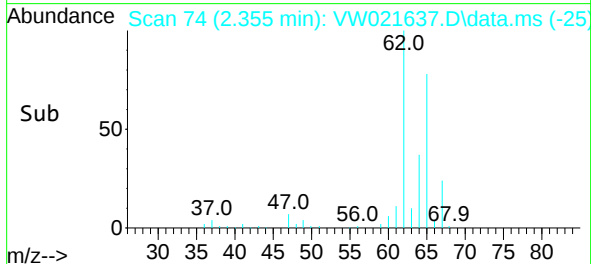
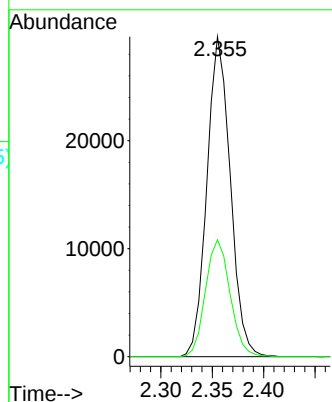
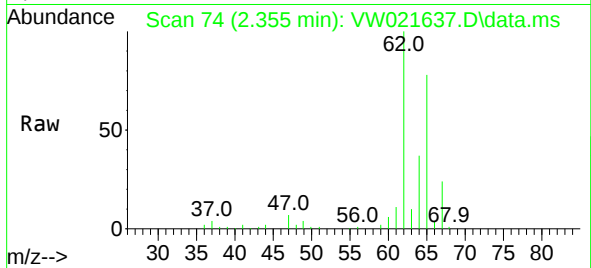




#5
 Vinyl chloride
 Concen: 20.387 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW021637.D
 Acq: 25 Dec 2021 10:35

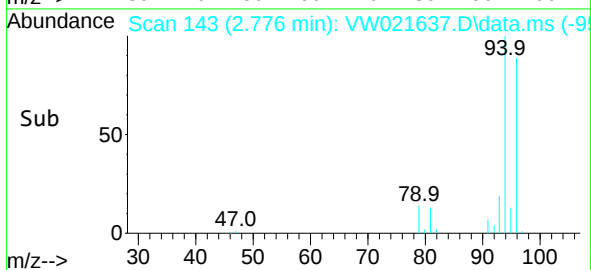
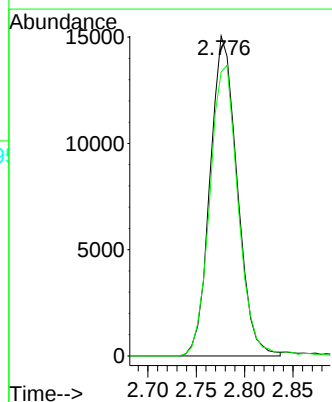
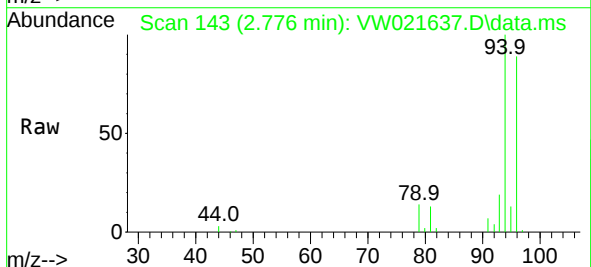
Instrument :
 MSVOA_W
 ClientSampleId :

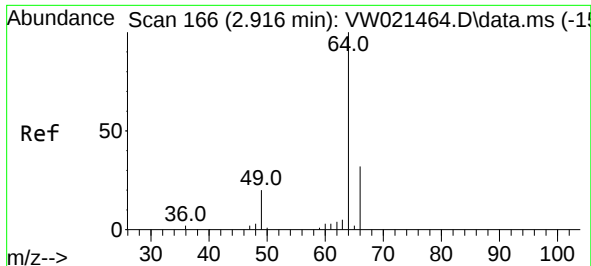
Tgt Ion: 62 Resp: 46938
 Ion Ratio Lower Upper
 62 100
 64 36.5 24.4 45.2



#6
 Bromomethane
 Concen: 19.675 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW021637.D
 Acq: 25 Dec 2021 10:35

Tgt Ion: 94 Resp: 29383
 Ion Ratio Lower Upper
 94 100
 96 88.7 64.8 120.4

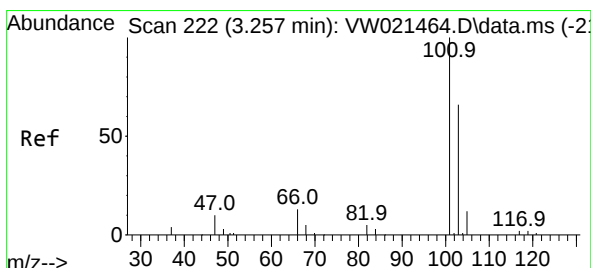
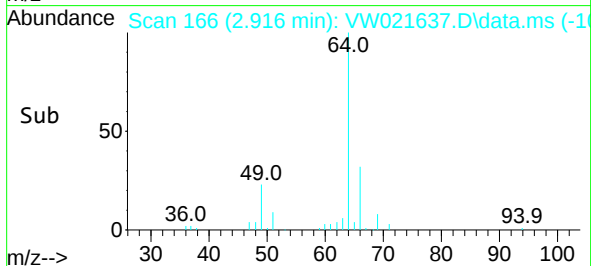
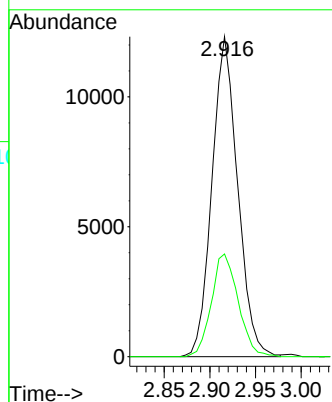
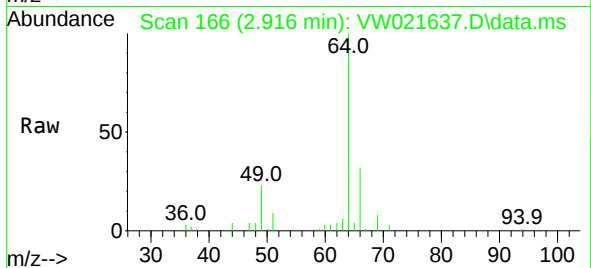




#8
Chloroethane
Concen: 22.689 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

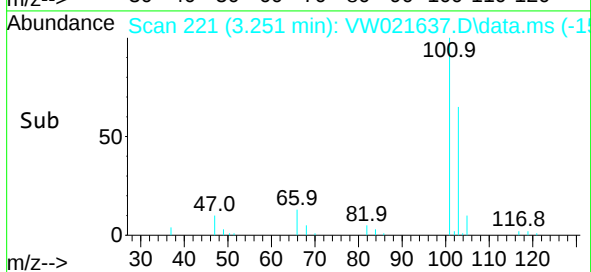
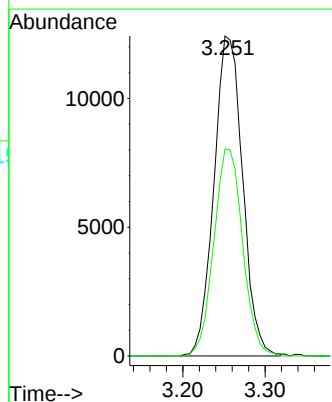
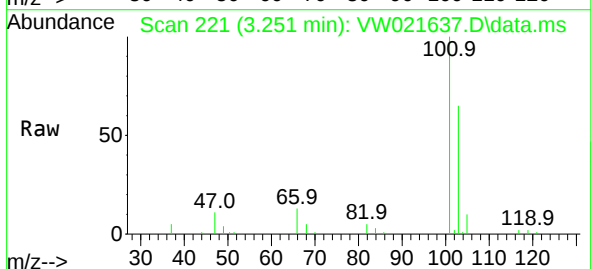
Instrument :
MSVOA_W
ClientSampleId :

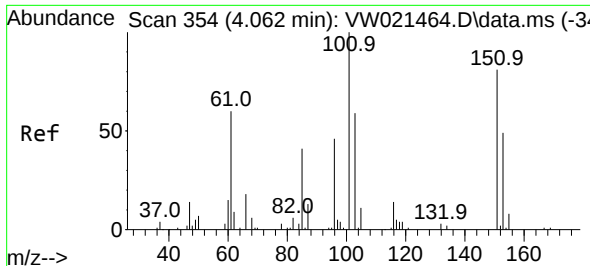
Tgt Ion: 64 Resp: 24066
Ion Ratio Lower Upper
64 100
66 32.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 24.764 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion:101 Resp: 30084
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

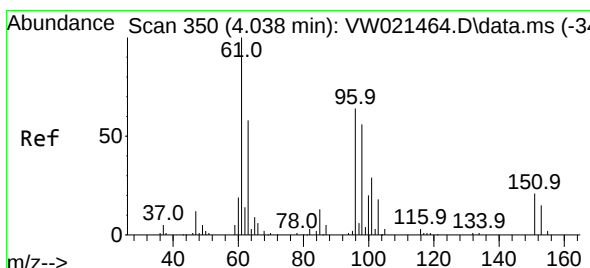
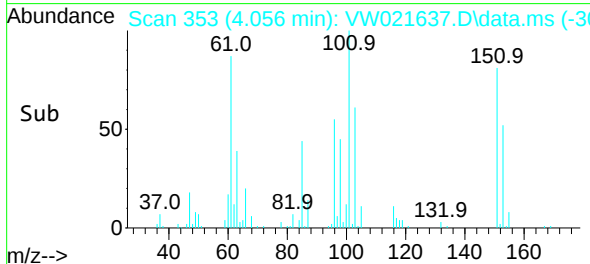
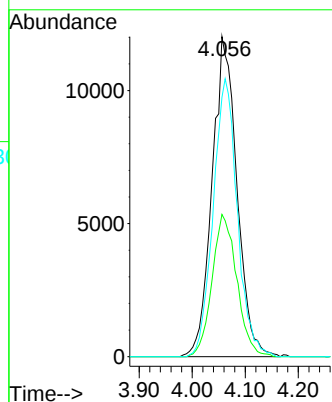
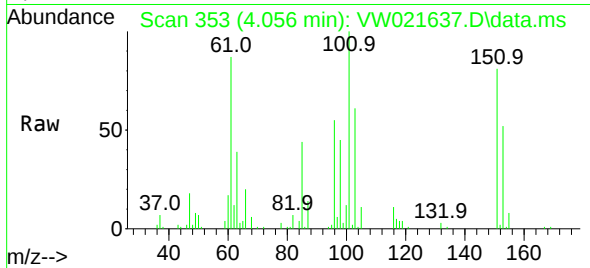




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.749 ug/L
RT: 4.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

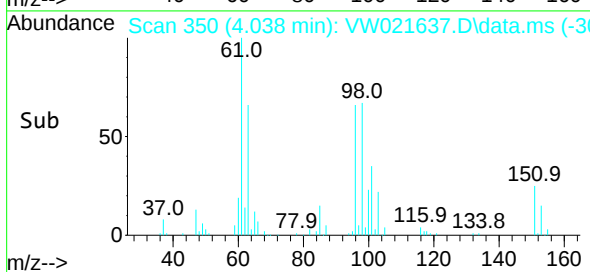
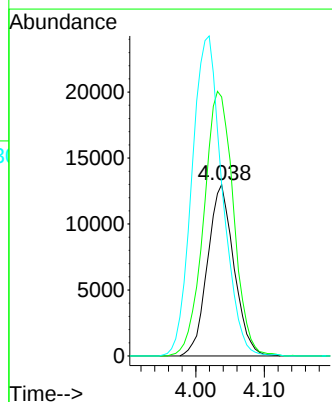
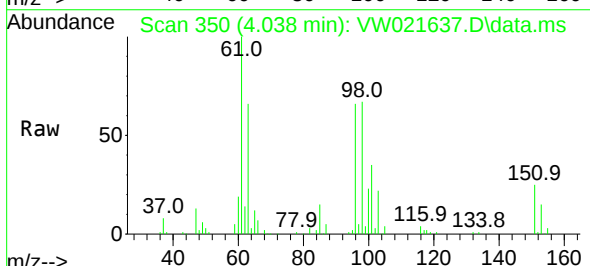
Instrument :
MSVOA_W
ClientSampleId :

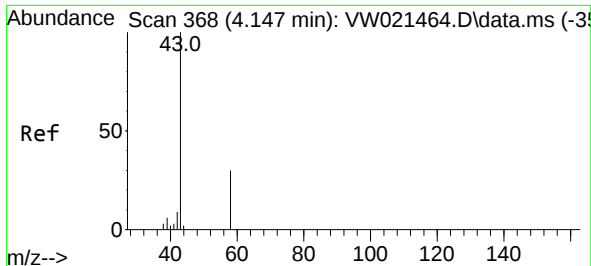
Tgt Ion:101 Resp: 39183
Ion Ratio Lower Upper
101 100
85 44.1 36.6 54.8
151 84.2 57.4 86.0



#12
1,1-Dichloroethene
Concen: 24.410 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion: 96 Resp: 34692
Ion Ratio Lower Upper
96 100
61 151.1 138.3 256.9
63 100.4 82.6 153.4





#13

Acetone

Concen: 40.860 ug/L

RT: 4.154 min Scan# 3

Delta R.T. -0.006 min

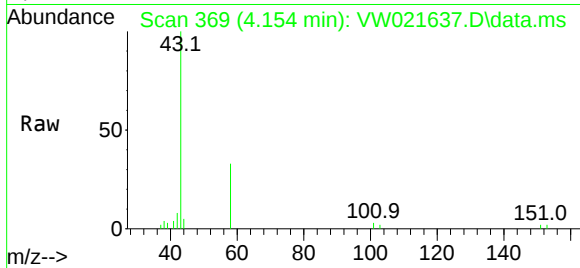
Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

ClientSampleId :

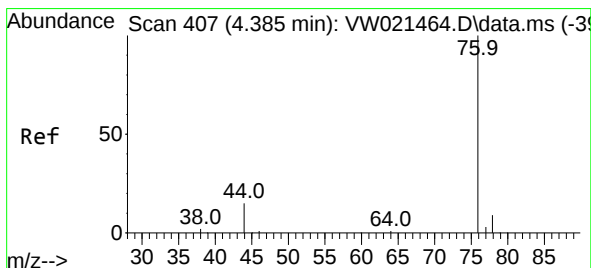
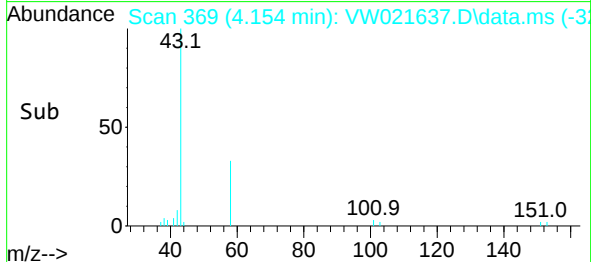
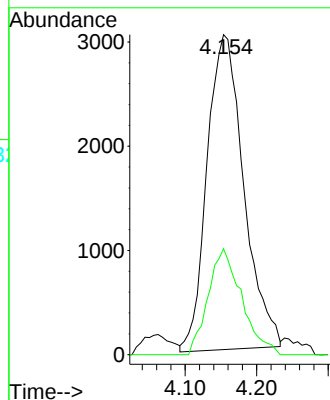


Tgt Ion: 43 Resp: 10782

Ion Ratio Lower Upper

43 100

58 30.7 0.0 52.8



#14

Carbon disulfide

Concen: 20.312 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW021637.D

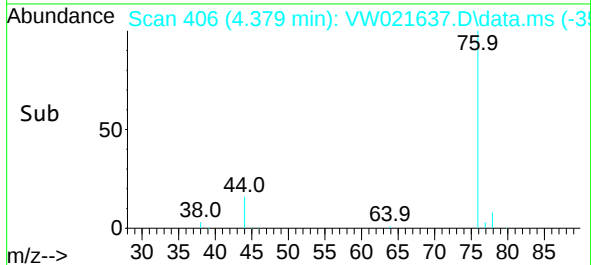
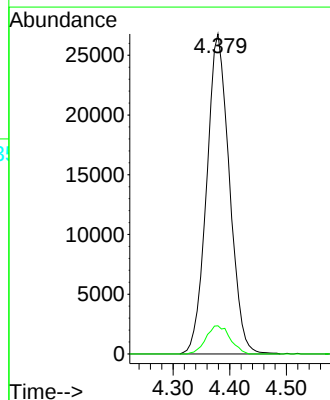
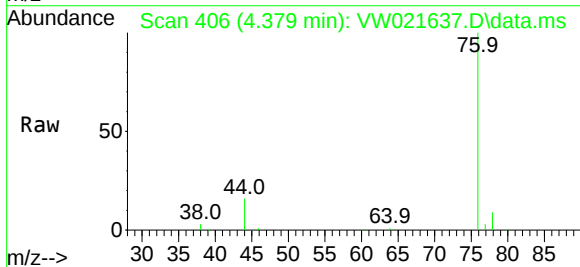
Acq: 25 Dec 2021 10:35

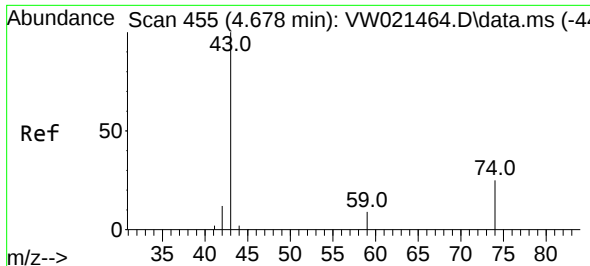
Tgt Ion: 76 Resp: 74548

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

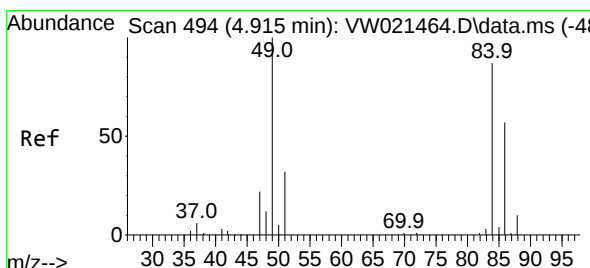
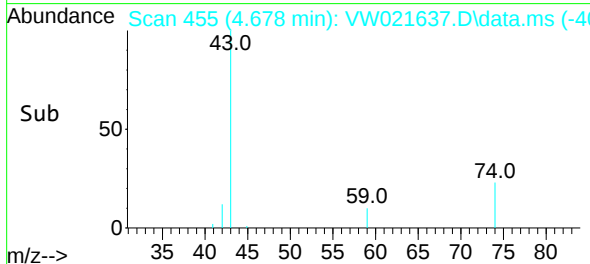
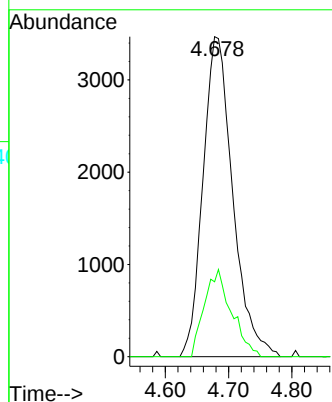
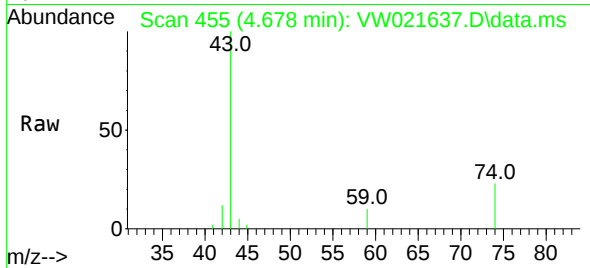




#15
Methyl Acetate
Concen: 24.904 ug/L
RT: 4.678 min Scan# 411
Delta R.T. -0.012 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

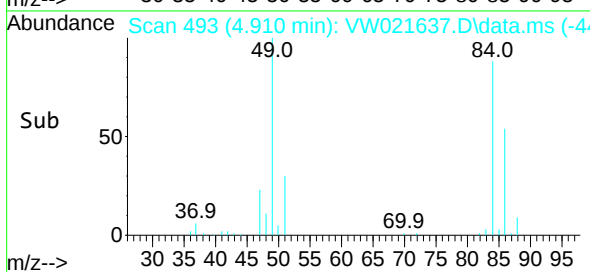
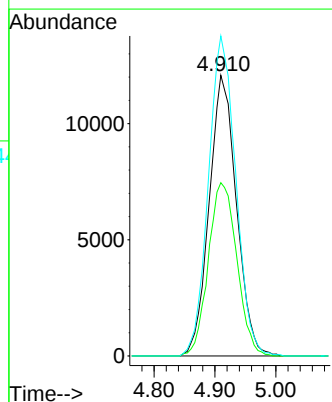
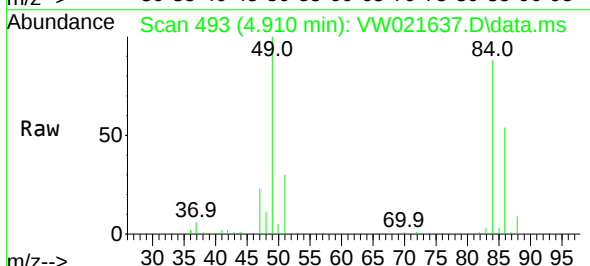
Instrument :
MSVOA_W
ClientSampleId :

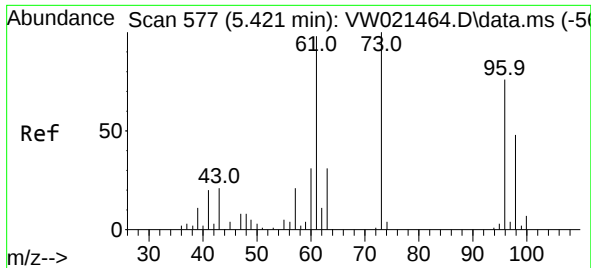
Tgt Ion: 43 Resp: 11339
Ion Ratio Lower Upper
43 100
74 24.9 16.4 24.6#



#16
Methylene chloride
Concen: 19.867 ug/L
RT: 4.910 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

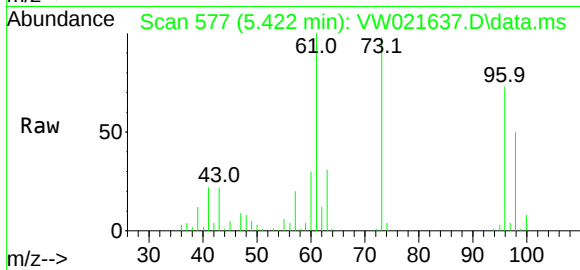
Tgt Ion: 84 Resp: 37638
Ion Ratio Lower Upper
84 100
86 61.8 45.5 84.5
49 114.0 100.5 186.7





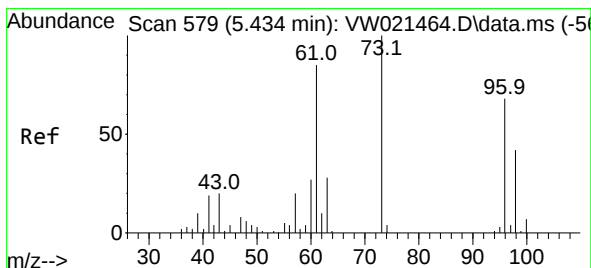
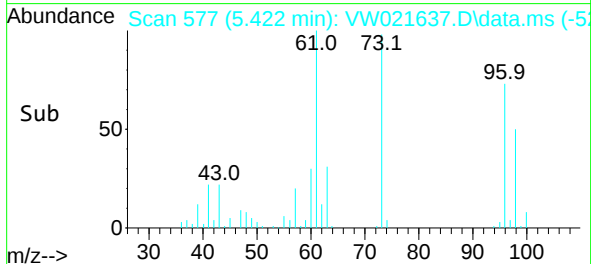
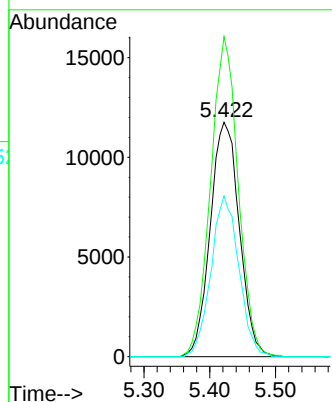
#17
trans-1,2-Dichloroethene
Concen: 23.519 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 36192

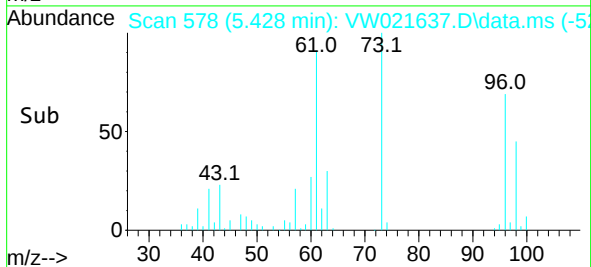
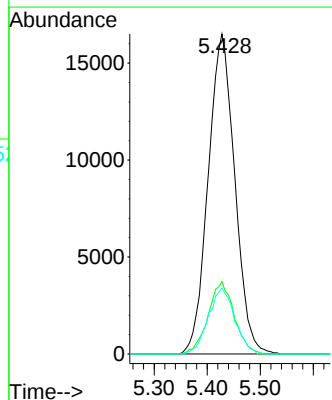
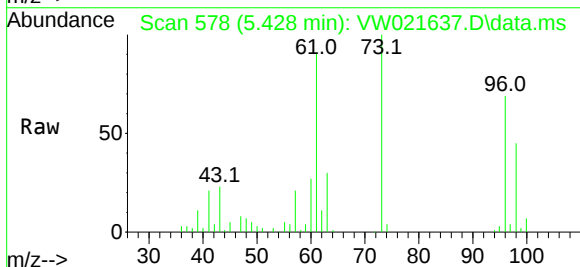
Ion	Ratio	Lower	Upper
96	100		
61	136.6	107.4	199.4
98	68.6	41.2	76.6

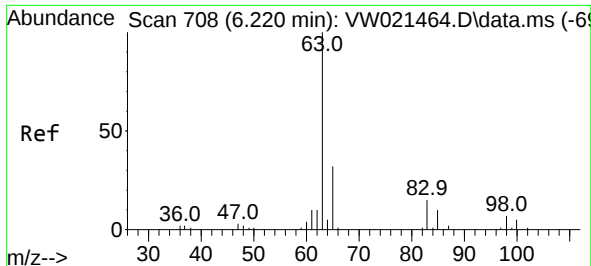


#18
Methyl tert-butyl Ether
Concen: 27.076 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion: 73 Resp: 57545

Ion	Ratio	Lower	Upper
73	100		
43	22.1	19.5	29.3
57	20.4	19.3	28.9





#19

1,1-Dichloroethane

Concen: 26.226 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021637.D

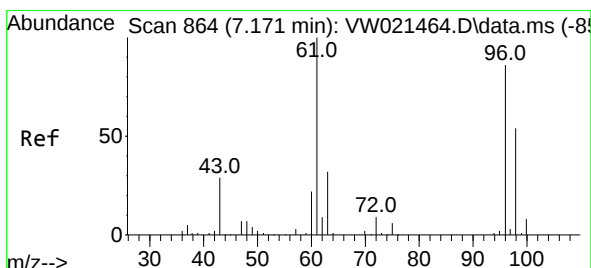
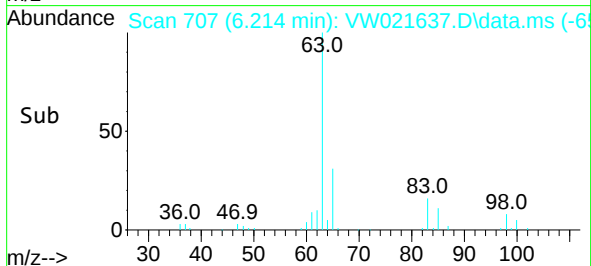
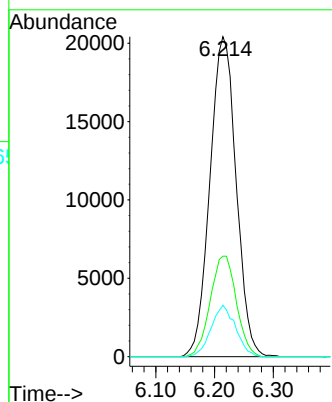
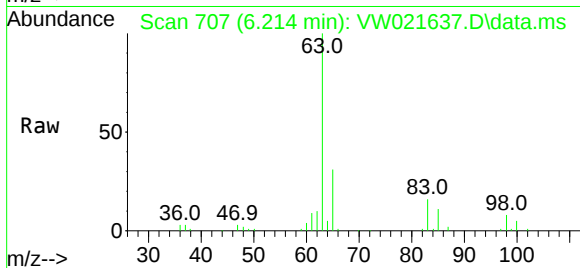
Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 63329
Ion Ratio	Lower Upper
63 100	
65 31.4	22.1 41.1
83 16.0	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 25.871 ug/L

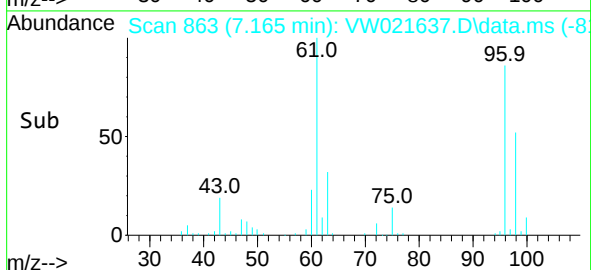
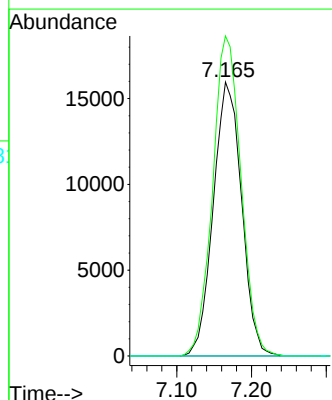
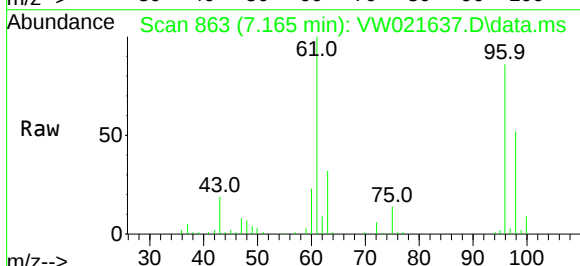
RT: 7.165 min Scan# 863

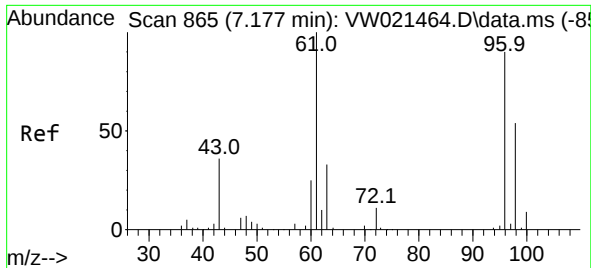
Delta R.T. -0.006 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Tgt Ion: 96	Resp: 41991
Ion Ratio	Lower Upper
96 100	
61 116.8	103.7 192.7
68 0.0	0.0 0.0

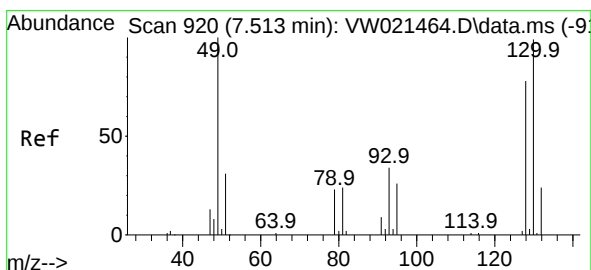
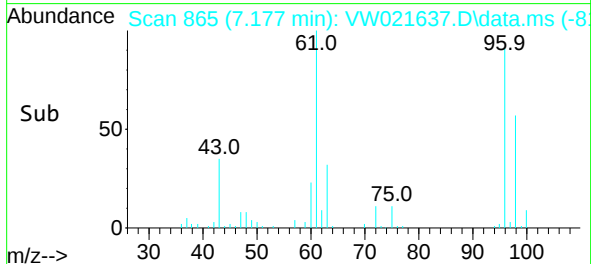
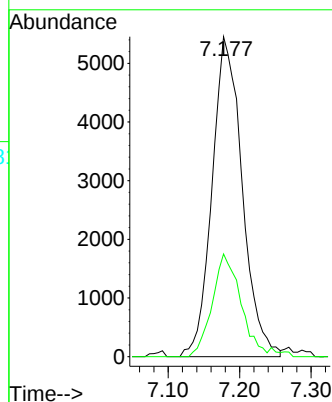
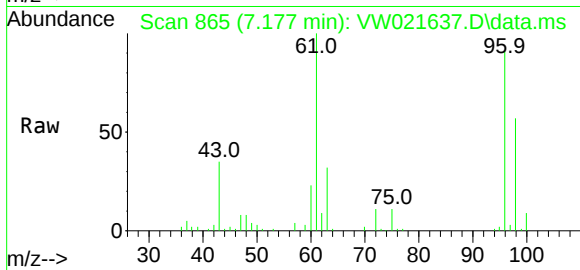




#22
2-Butanone
Concen: 46.317 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.012 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

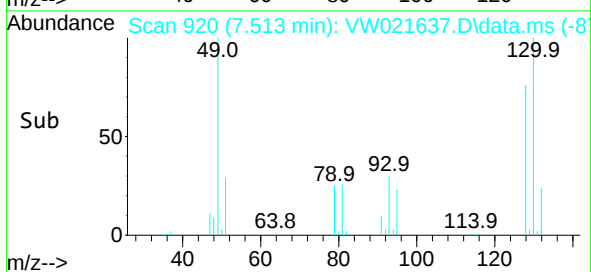
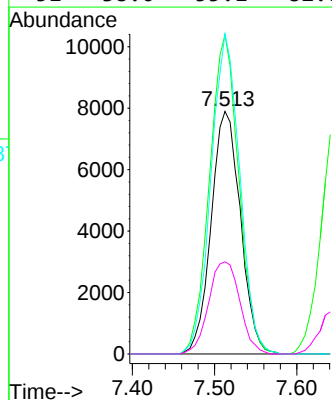
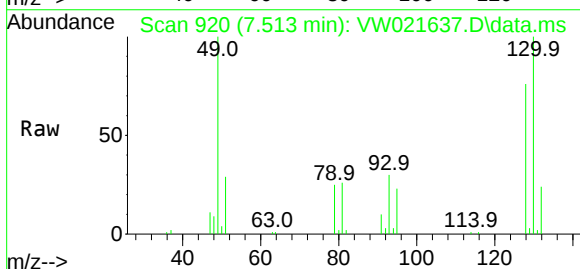
Instrument :
MSVOA_W
ClientSampleId :

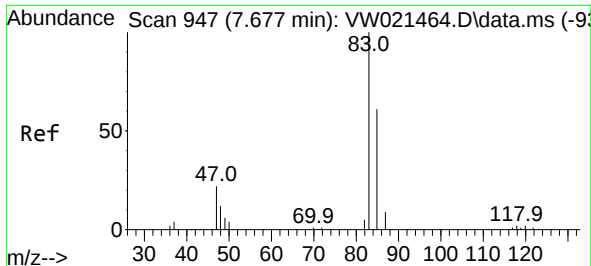
Tgt Ion: 43 Resp: 15961
Ion Ratio Lower Upper
43 100
72 30.2 11.8 35.4



#23
Bromochloromethane
Concen: 25.756 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion: 128 Resp: 19547
Ion Ratio Lower Upper
128 100
49 131.6 150.3 279.1#
130 131.9 88.3 163.9
51 38.0 55.1 82.7#

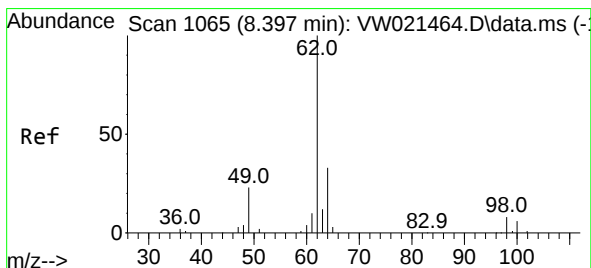
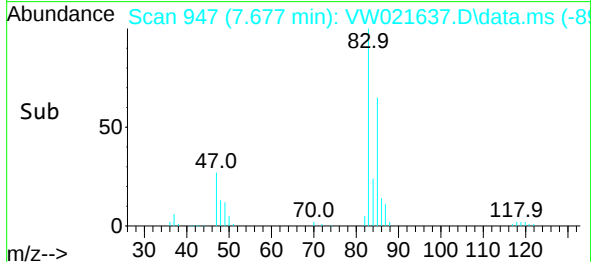
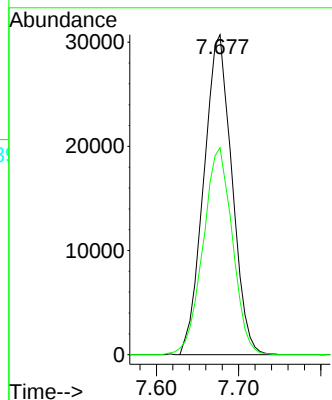
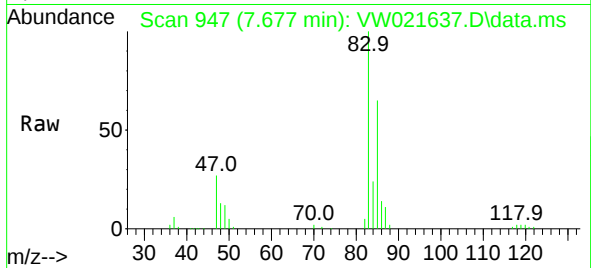




#25
Chloroform
Concen: 26.111 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

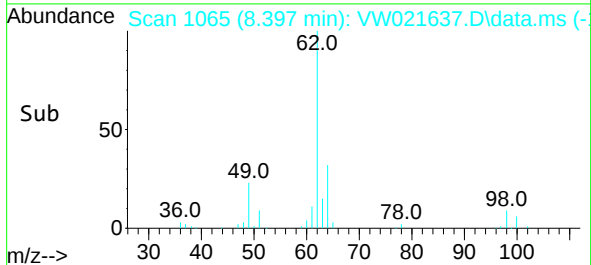
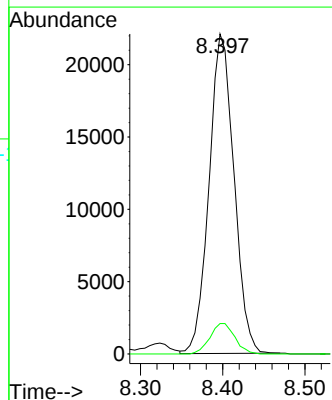
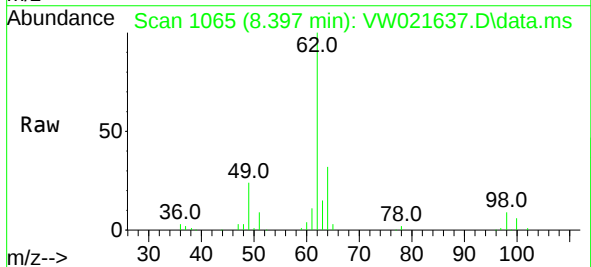
Instrument :
MSVOA_W
ClientSampleId :

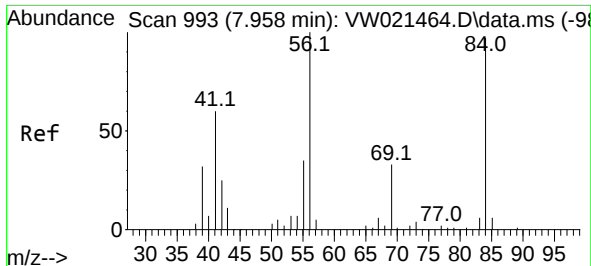
Tgt Ion: 83 Resp: 73192
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.229 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion: 62 Resp: 46560
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7





#29

Cyclohexane

Concen: 22.409 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW021637.D

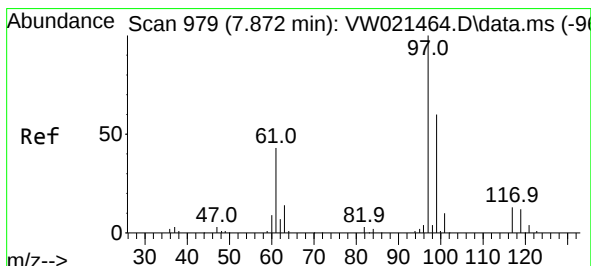
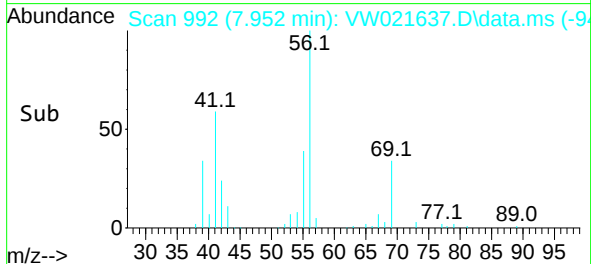
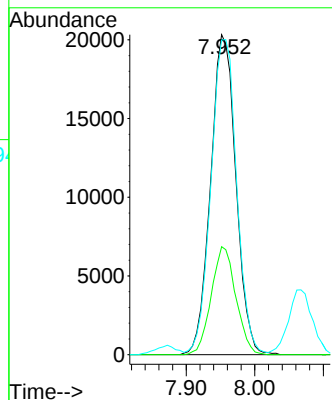
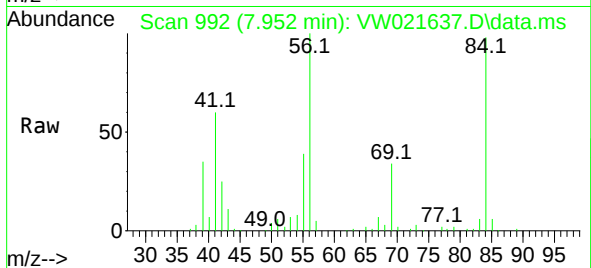
Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	52119
Ion Ratio	Lower	Upper	
56	100		
69	32.8	23.5	35.3
84	100.2	63.4	95.2#



#30

1,1,1-Trichloroethane

Concen: 24.974 ug/L

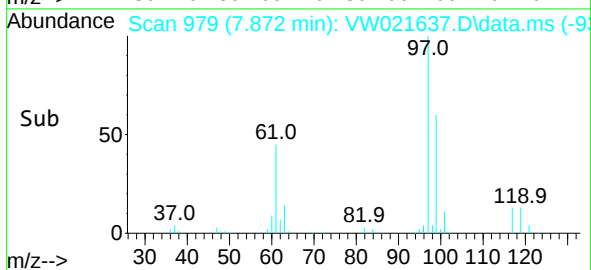
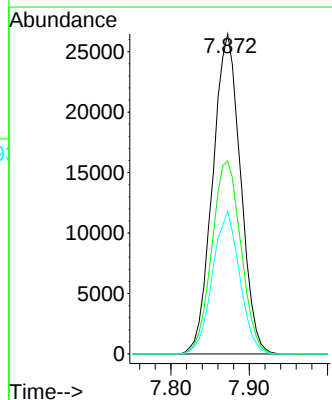
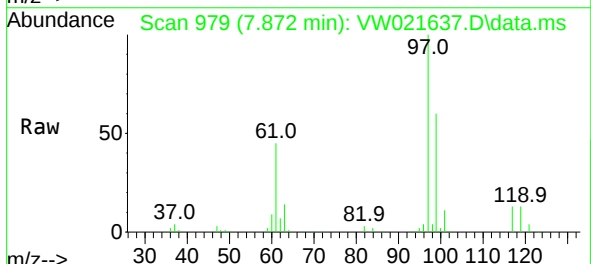
RT: 7.872 min Scan# 979

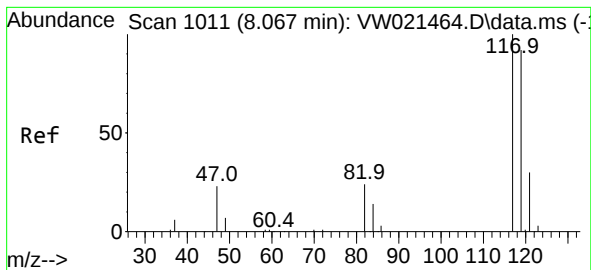
Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

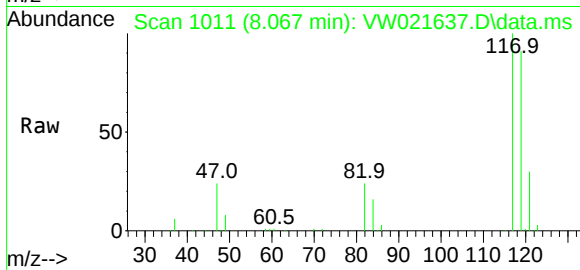
Tgt Ion:	97	Resp:	65475
Ion Ratio	Lower	Upper	
97	100		
99	62.9	51.6	77.4
61	43.5	40.9	61.3



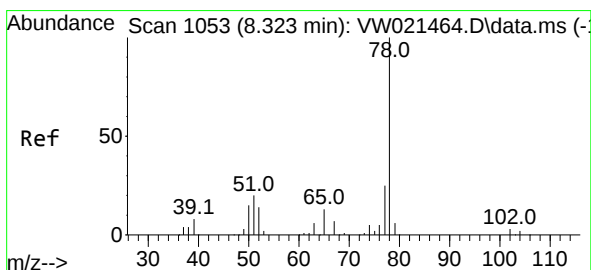
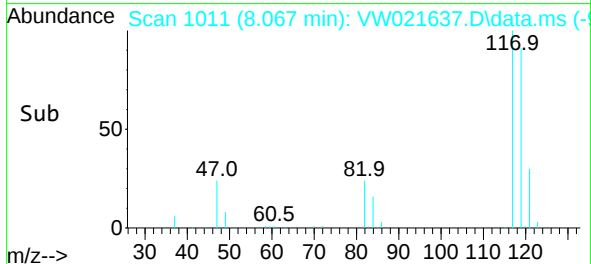
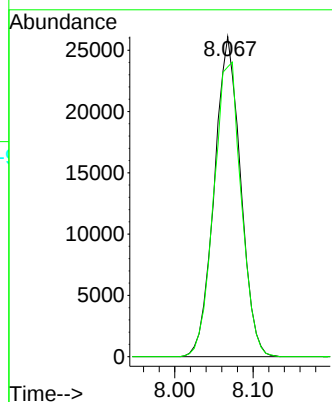


#31
Carbon tetrachloride
Concen: 25.092 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Instrument :
MSVOA_W
ClientSampleId :

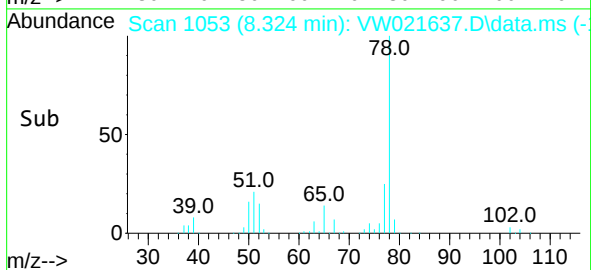
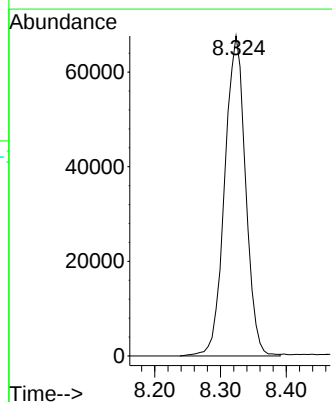
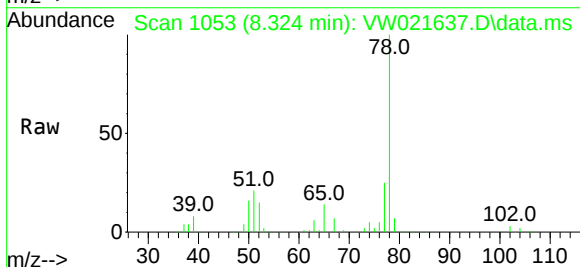


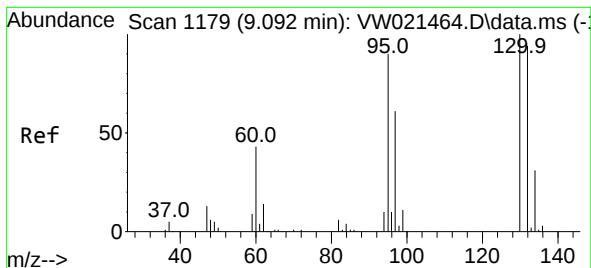
Tgt Ion:117 Resp: 60685
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5



#33
Benzene
Concen: 23.499 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion: 78 Resp: 149580





#34

Trichloroethene

Concen: 23.944 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

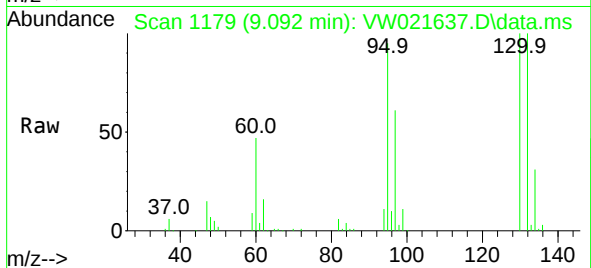
Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 42784

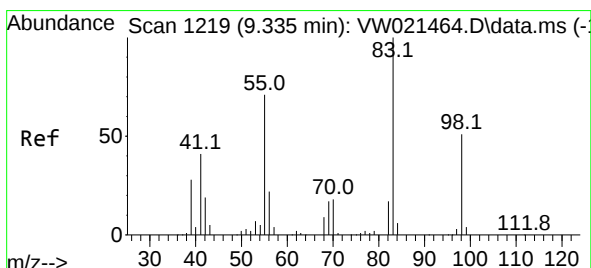
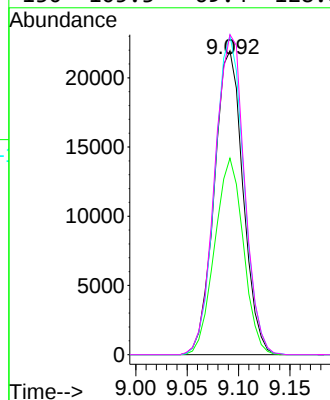
Ion Ratio Lower Upper

95 100

97 64.7 47.0 87.2

132 105.1 65.5 121.6

130 105.3 69.4 128.8



#35

Methylcyclohexane

Concen: 22.026 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

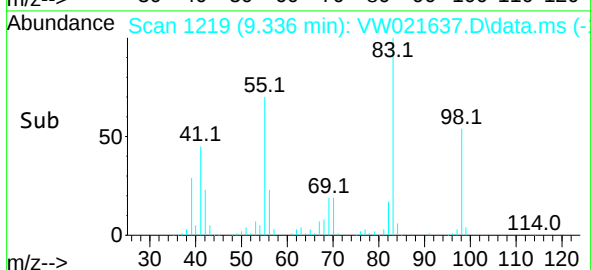
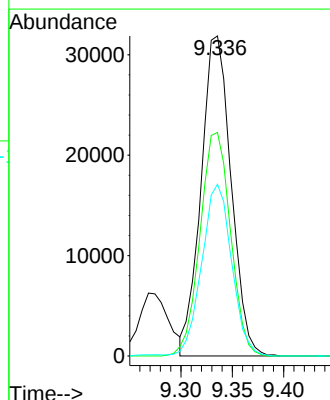
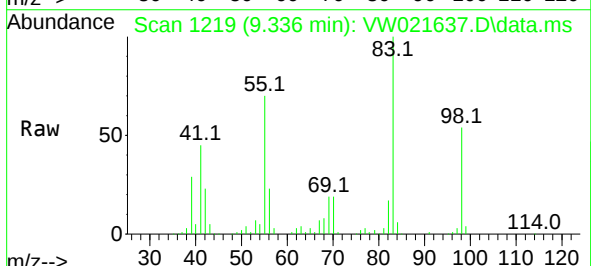
Tgt Ion: 83 Resp: 64923

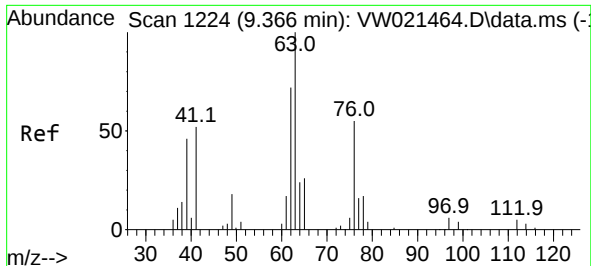
Ion Ratio Lower Upper

83 100

55 70.7 70.8 106.2#

98 53.4 37.7 56.5





#37

1,2-Dichloropropane

Concen: 24.525 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

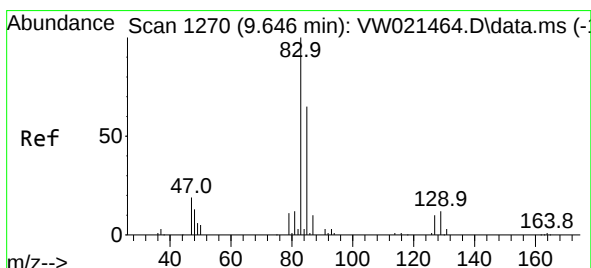
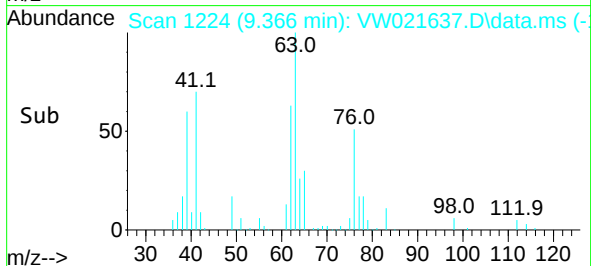
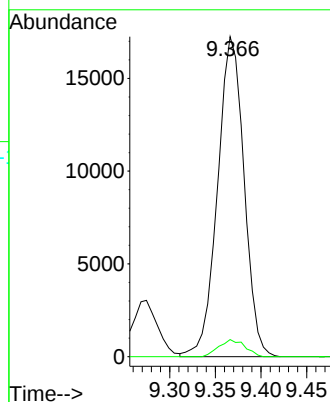
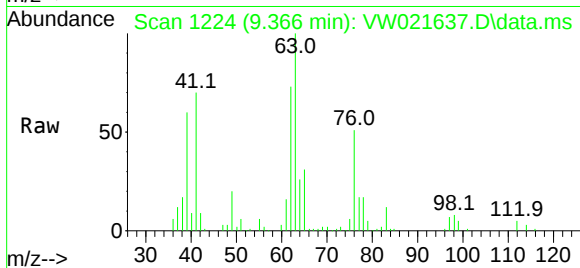
ClientSampleId :

Tgt Ion: 63 Resp: 34821

Ion Ratio Lower Upper

63 100

112 5.2 3.2 4.8#



#38

Bromodichloromethane

Concen: 26.413 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

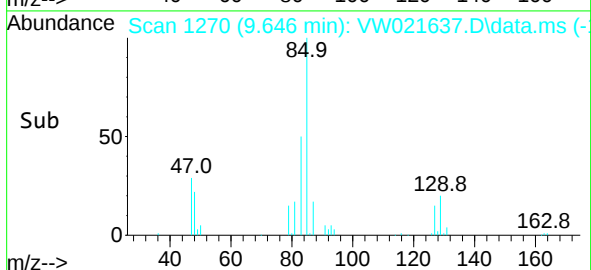
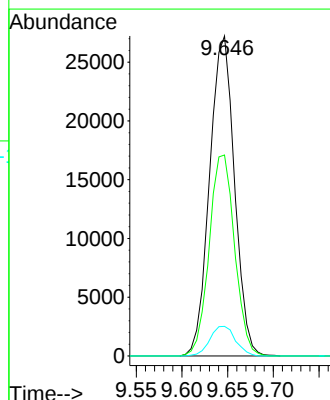
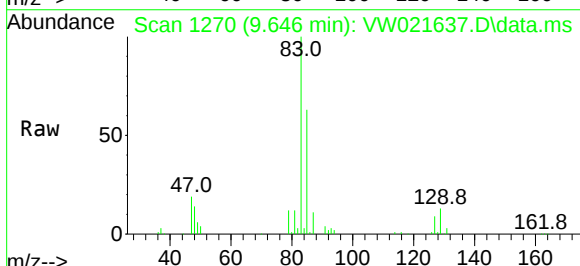
Tgt Ion: 83 Resp: 51563

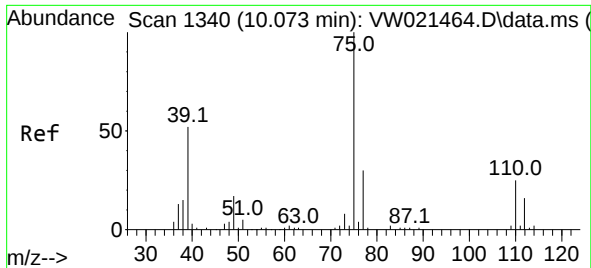
Ion Ratio Lower Upper

83 100

85 62.8 44.1 81.9

127 9.3 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 26.250 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

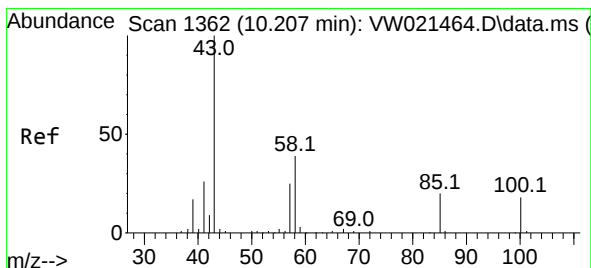
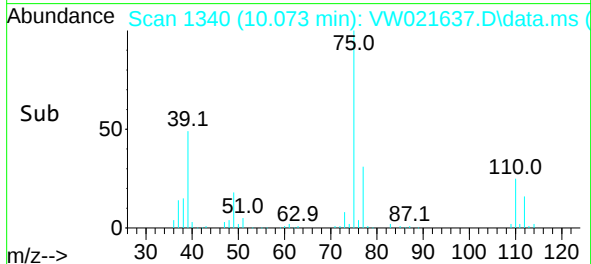
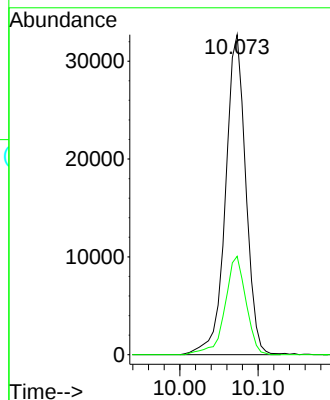
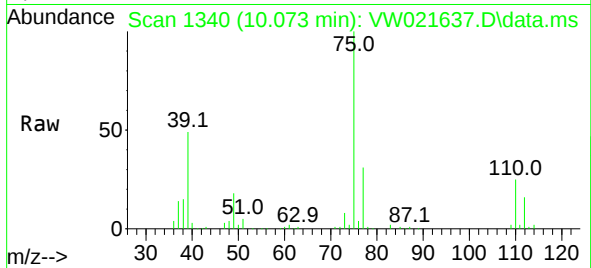
ClientSampleId :

Tgt Ion: 75 Resp: 58751

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 47.711 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

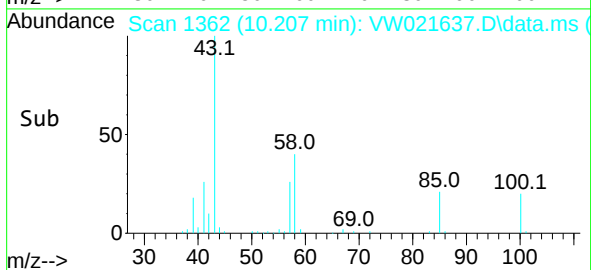
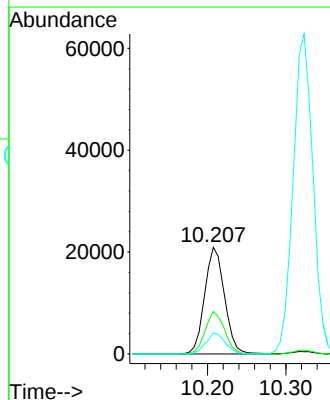
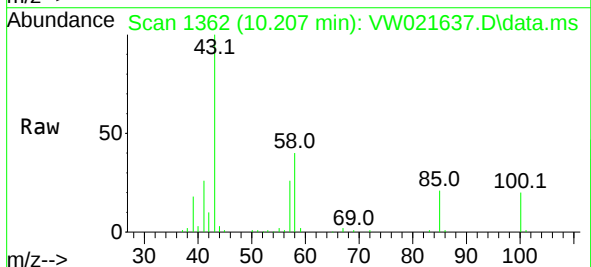
Tgt Ion: 43 Resp: 36911

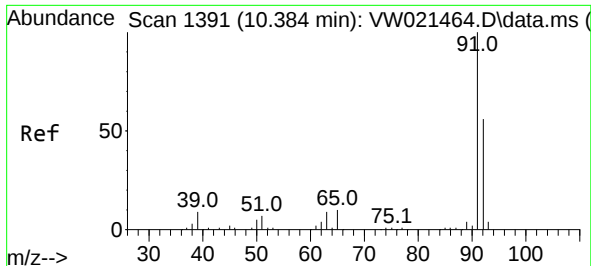
Ion Ratio Lower Upper

43 100

58 38.9 28.8 43.2

100 19.2 10.0 15.0#





#42

Toluene

Concen: 24.266 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

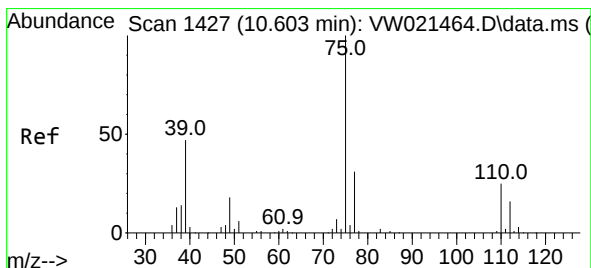
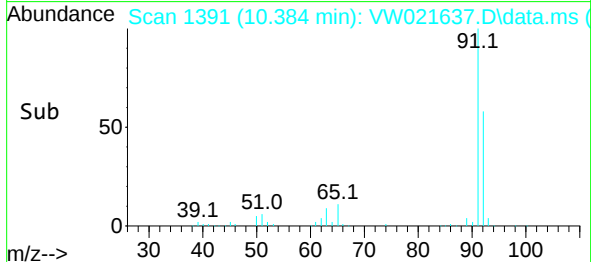
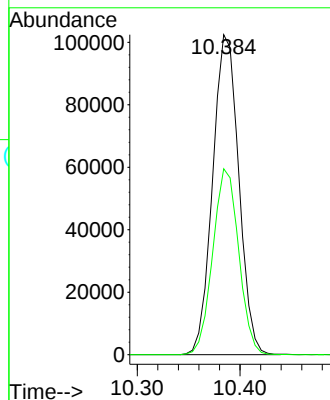
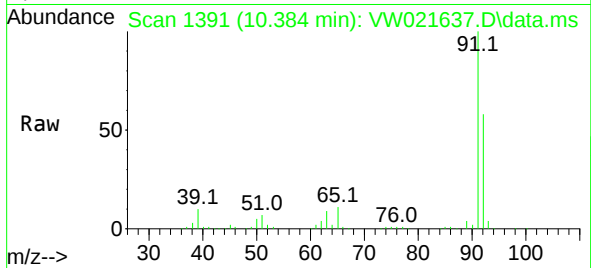
ClientSampleId :

Tgt Ion: 91 Resp: 180654

Ion Ratio Lower Upper

91 100

92 58.1 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 26.649 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021637.D

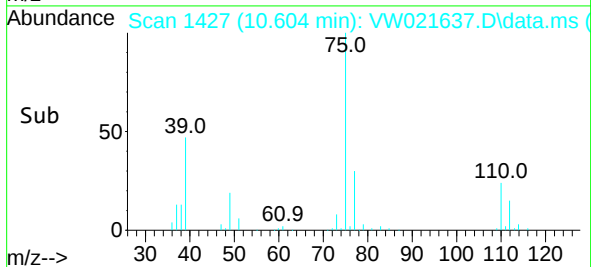
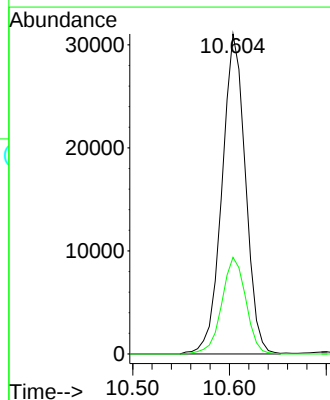
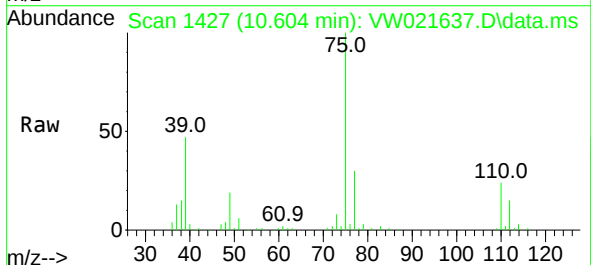
Acq: 25 Dec 2021 10:35

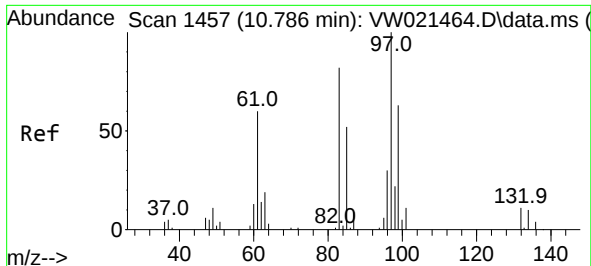
Tgt Ion: 75 Resp: 52241

Ion Ratio Lower Upper

75 100

77 30.2 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 25.490 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 29622

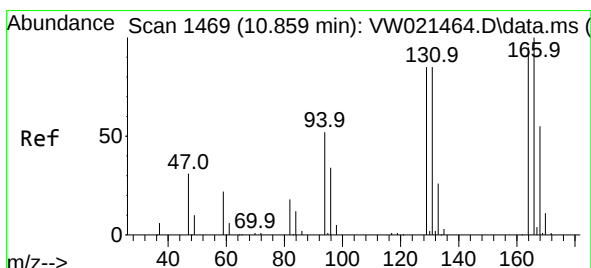
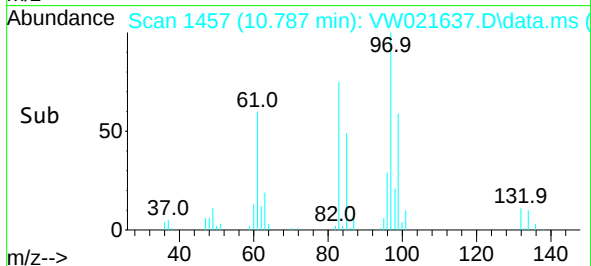
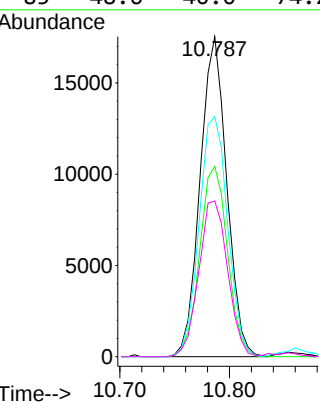
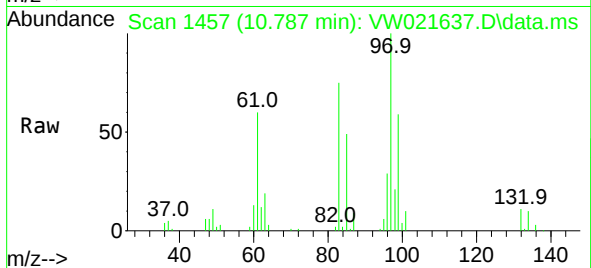
Ion Ratio Lower Upper

97 100

99 59.4 43.0 79.8

83 75.0 62.6 116.3

85 48.6 40.0 74.2



#46

Tetrachloroethene

Concen: 22.777 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Tgt Ion:164 Resp: 38663

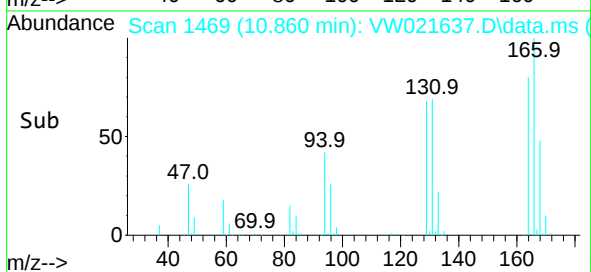
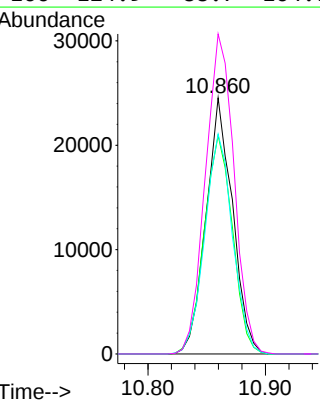
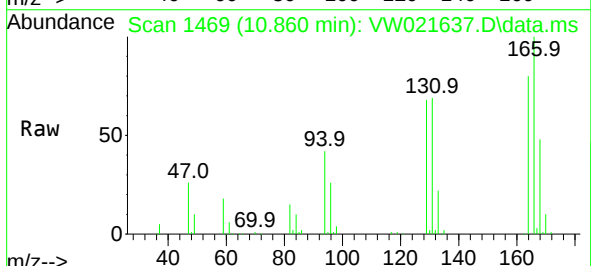
Ion Ratio Lower Upper

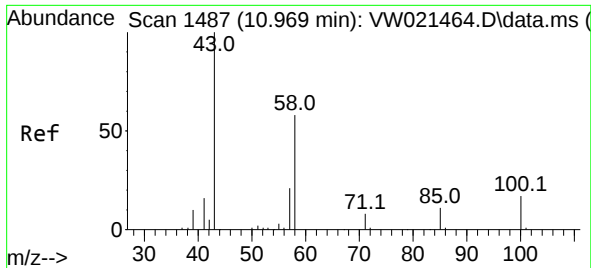
164 100

129 85.3 65.5 121.7

131 85.9 59.7 110.9

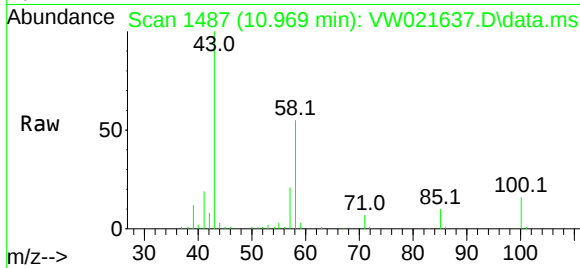
166 124.9 88.7 164.7



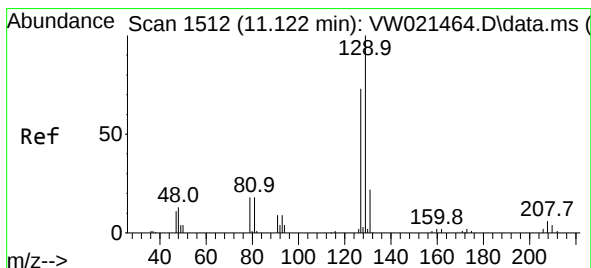
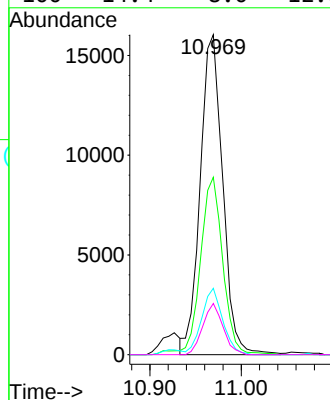
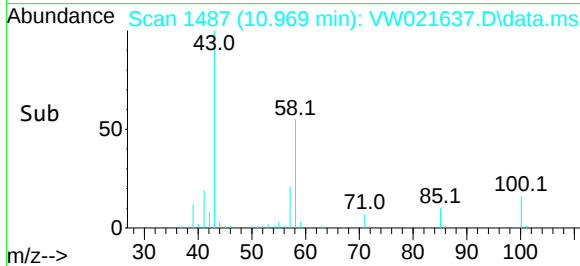


#48
2-Hexanone
Concen: 48.882 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

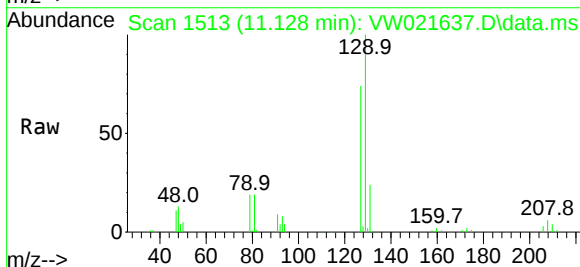
Instrument :
MSVOA_W
ClientSampleId :



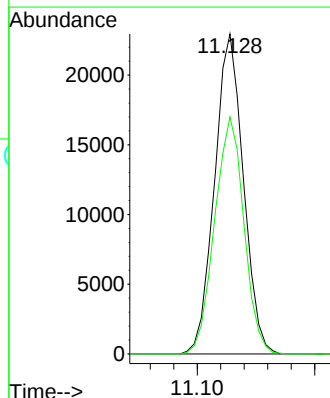
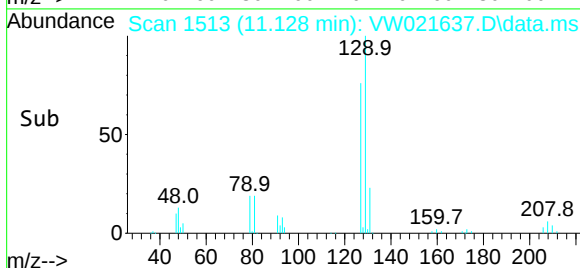
Tgt Ion: 43 Resp: 27424
Ion Ratio Lower Upper
43 100
58 54.6 40.2 60.2
57 19.4 14.3 21.5
100 14.4 8.0 12.0#

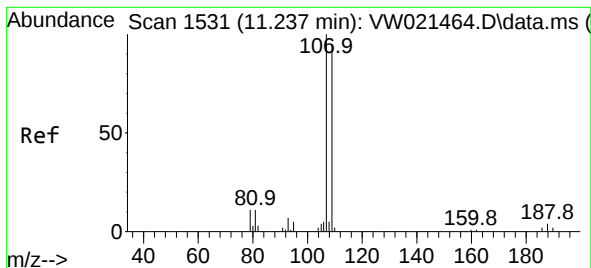


#49
Dibromochloromethane
Concen: 27.217 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35



Tgt Ion: 129 Resp: 38992
Ion Ratio Lower Upper
129 100
127 74.1 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.082 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021637.D

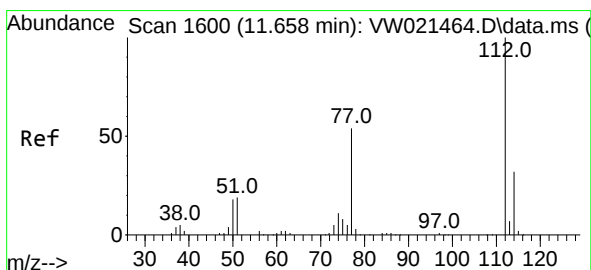
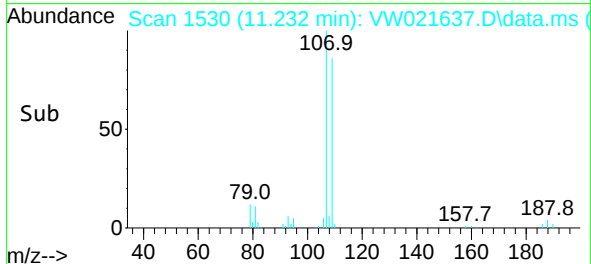
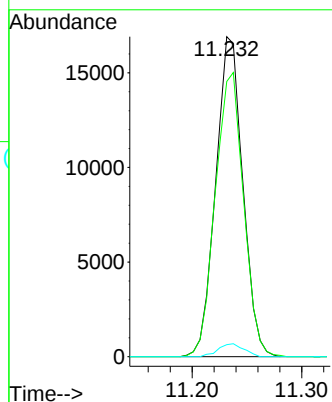
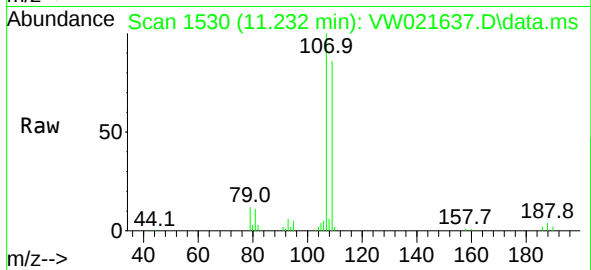
Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	29007
Ion	Ratio	Lower	Upper
107	100		
109	86.0	64.1	119.1
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 23.955 ug/L

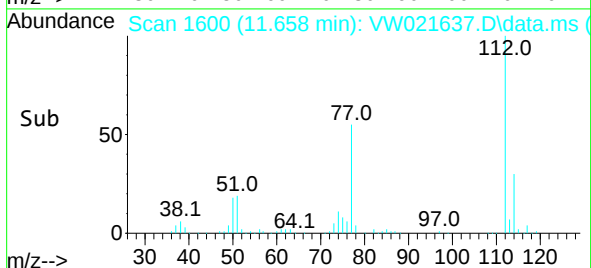
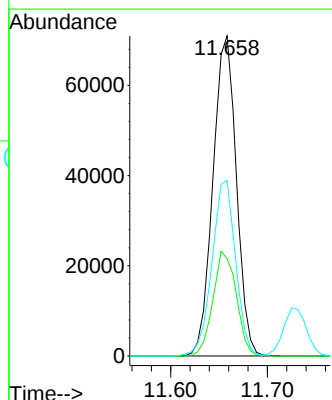
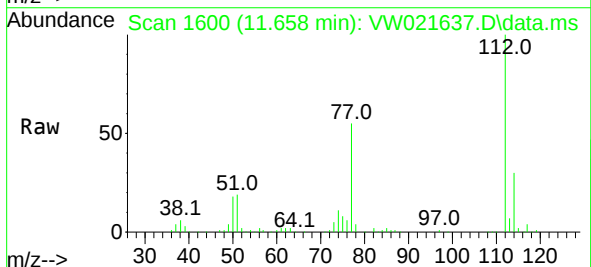
RT: 11.658 min Scan# 1600

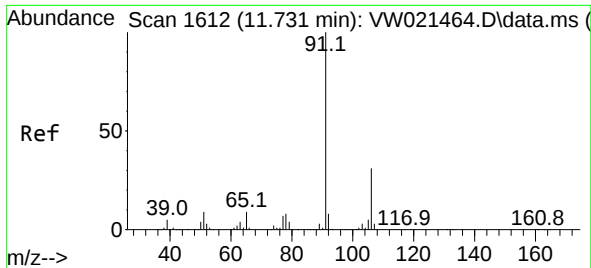
Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Tgt Ion:	112	Resp:	119398
Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.4	41.6
77	54.9	50.2	75.4

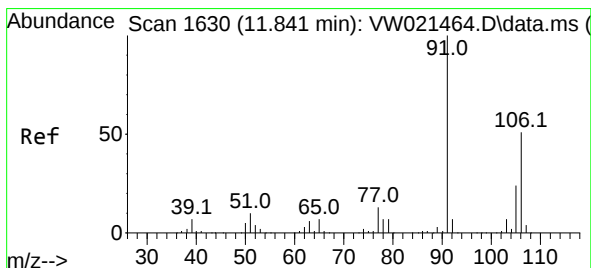
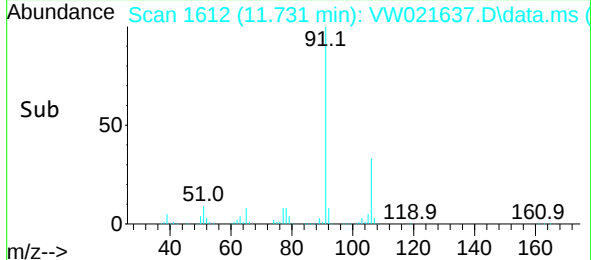
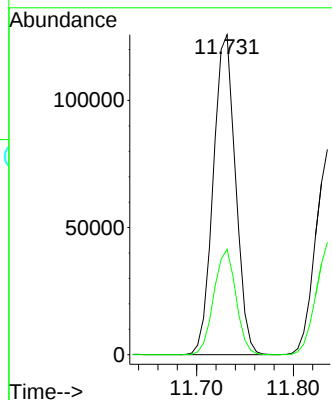
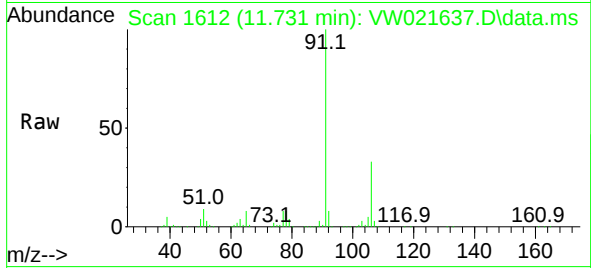




#52
Ethylbenzene
Concen: 23.645 ug/L
RT: 11.731 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

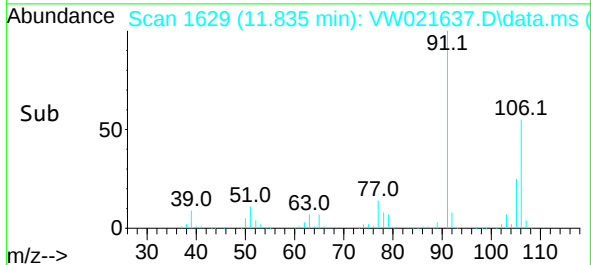
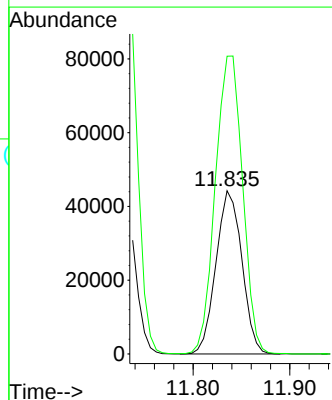
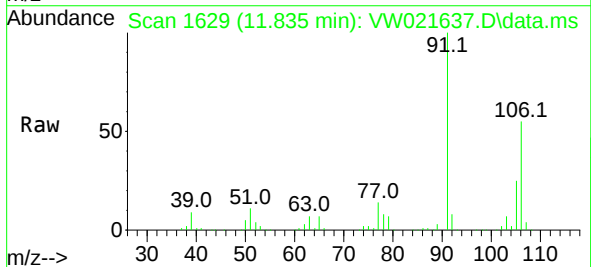
Instrument :
MSVOA_W
ClientSampleId :

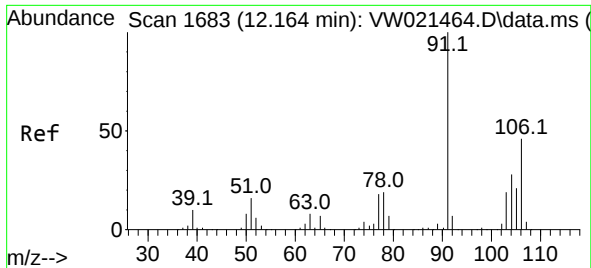
Tgt Ion: 91 Resp: 201158
Ion Ratio Lower Upper
91 100
106 32.9 21.5 39.9



#53
m,p-Xylene
Concen: 23.996 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion:106 Resp: 82353
Ion Ratio Lower Upper
106 100
91 182.4 149.9 278.3

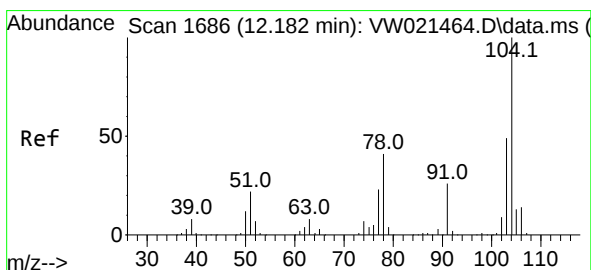
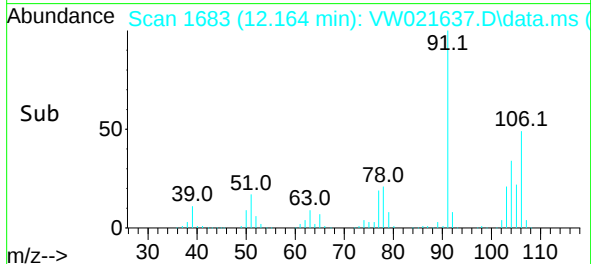
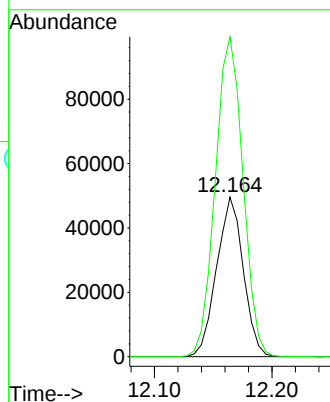
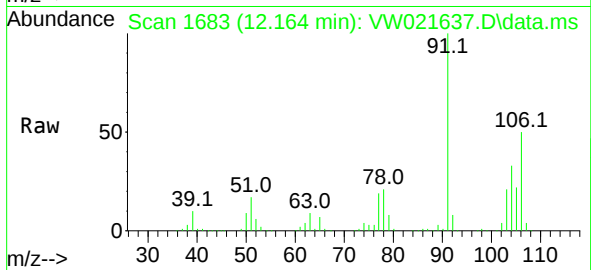




#54
o-Xylene
Concen: 23.983 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

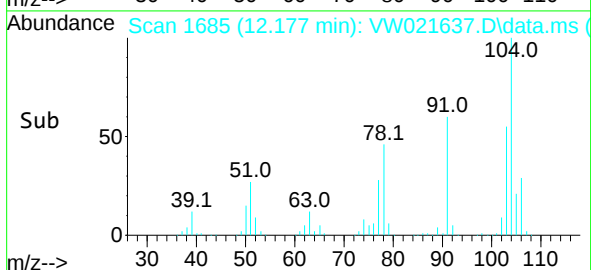
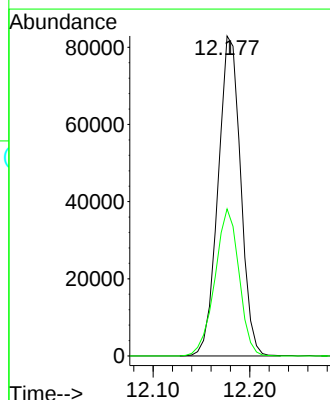
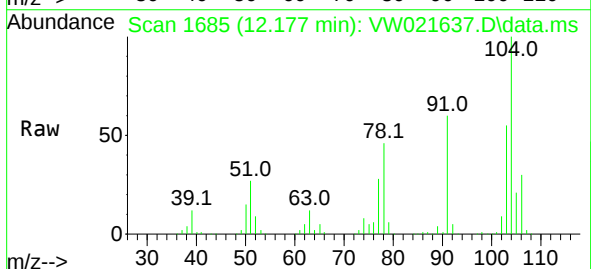
Instrument :
MSVOA_W
ClientSampleId :

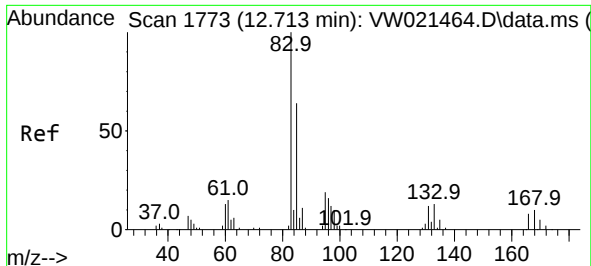
Tgt Ion:106 Resp: 78115
Ion Ratio Lower Upper
106 100
91 200.5 153.6 285.3



#55
Styrene
Concen: 24.203 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion:104 Resp: 134160
Ion Ratio Lower Upper
104 100
78 45.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.152 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021637.D

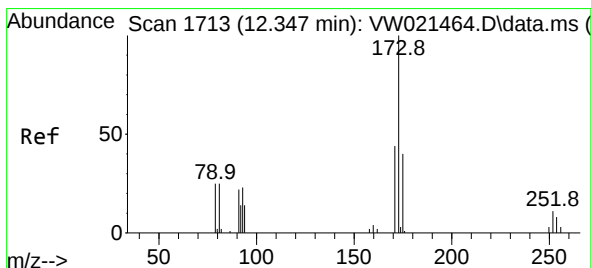
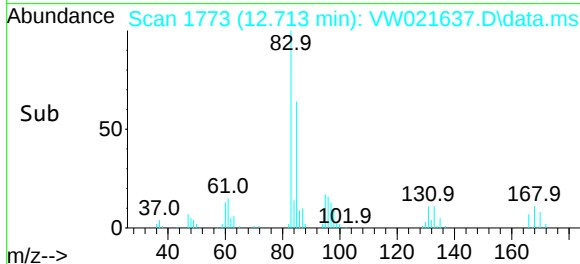
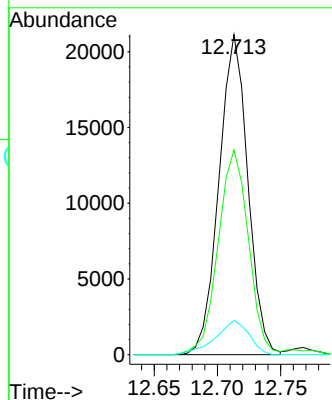
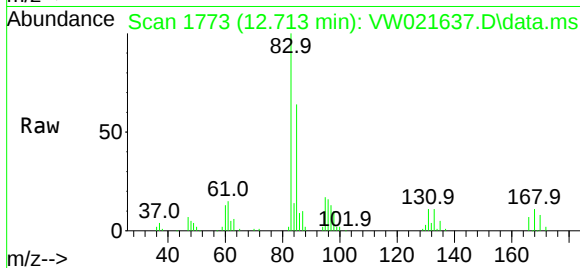
Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	33507
Ion Ratio	Lower	Upper	
83	100		
85	63.9	44.0	81.6
131	10.7	6.9	10.3#



#59

Bromoform

Concen: 25.225 ug/L

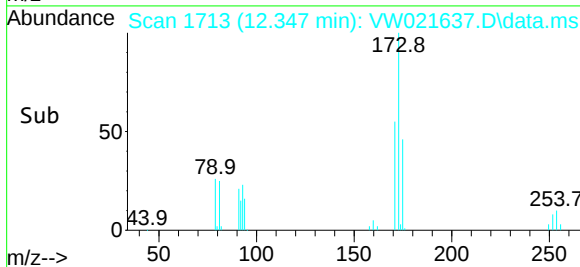
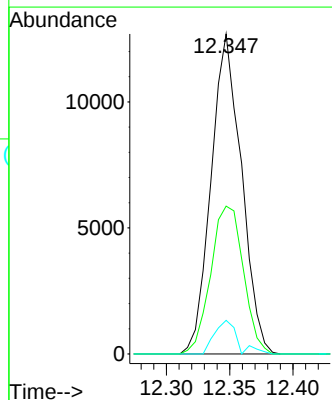
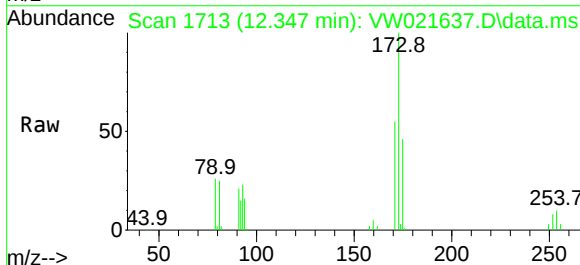
RT: 12.347 min Scan# 1713

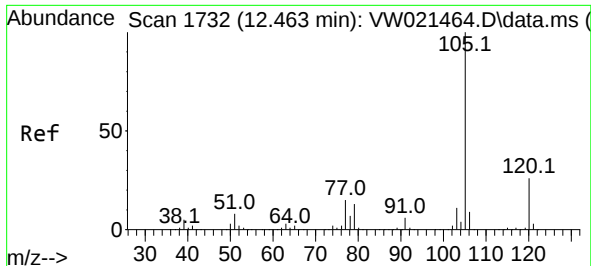
Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Tgt Ion:	173	Resp:	21196
Ion Ratio	Lower	Upper	
173	100		
175	49.7	39.6	59.4
254	6.9	7.4	11.0#

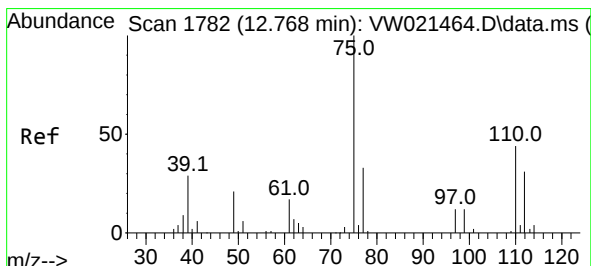
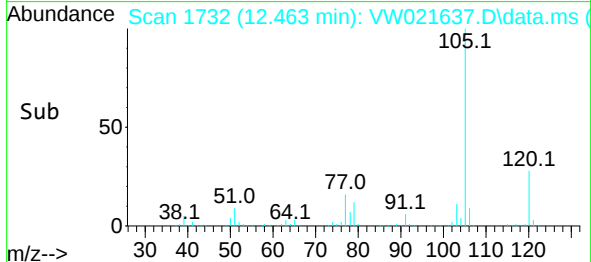
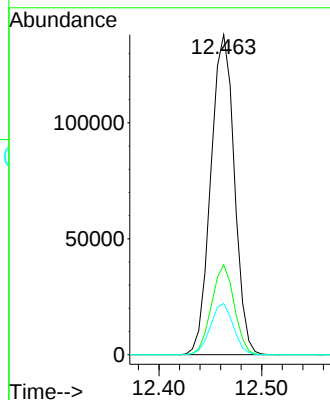
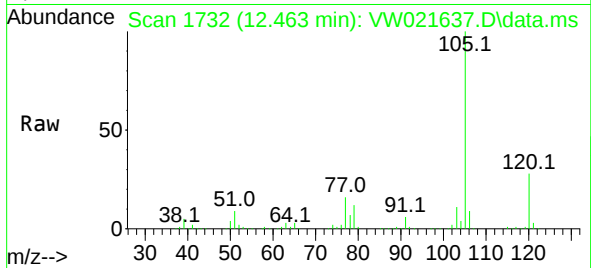




#60
Isopropylbenzene
Concen: 22.869 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

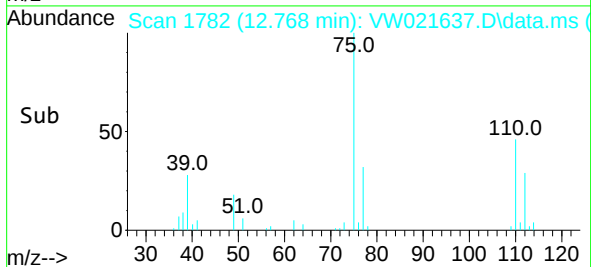
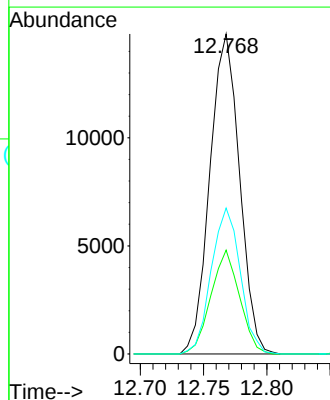
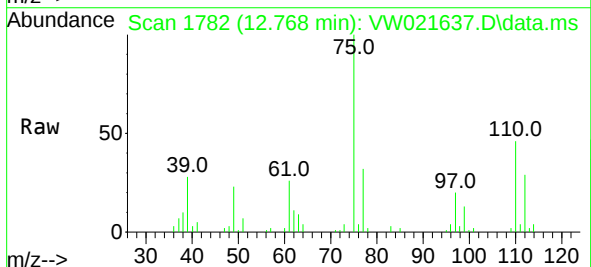
Instrument :
MSVOA_W
ClientSampleId :

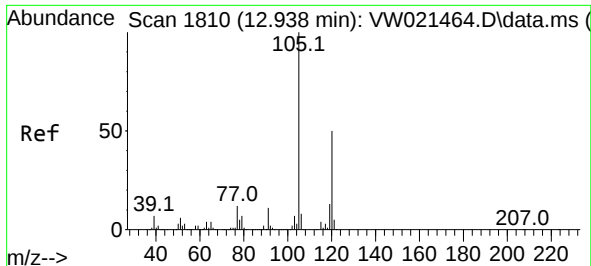
Tgt Ion:105 Resp: 219445
Ion Ratio Lower Upper
105 100
120 27.1 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.516 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion: 75 Resp: 24170
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
110 44.6 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 22.822 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

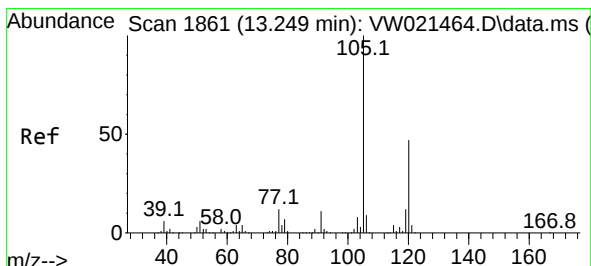
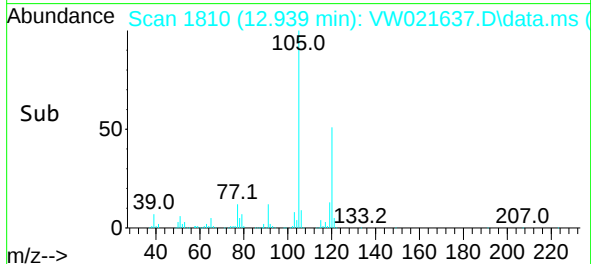
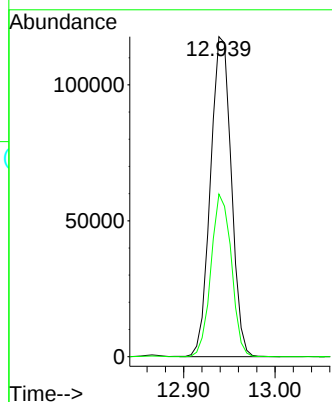
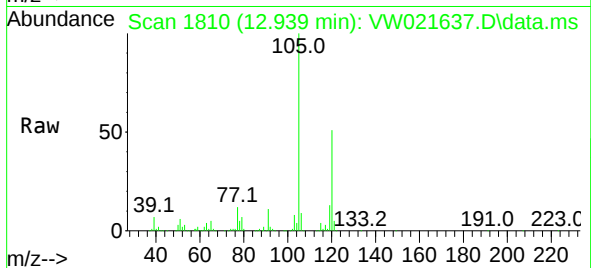
ClientSampleId :

Tgt Ion:105 Resp: 186352

Ion Ratio Lower Upper

105 100

120 49.7 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 22.986 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021637.D

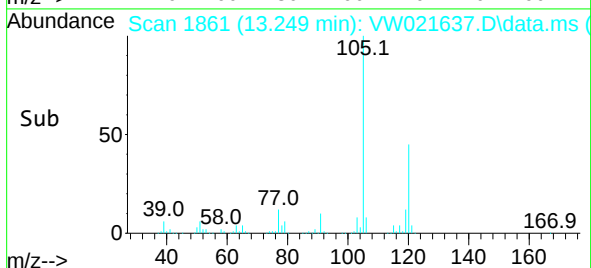
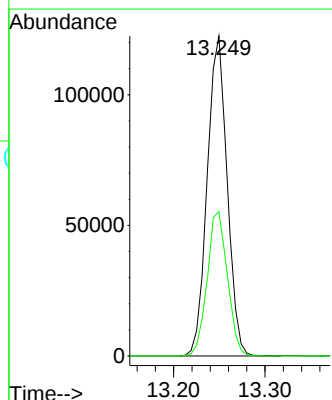
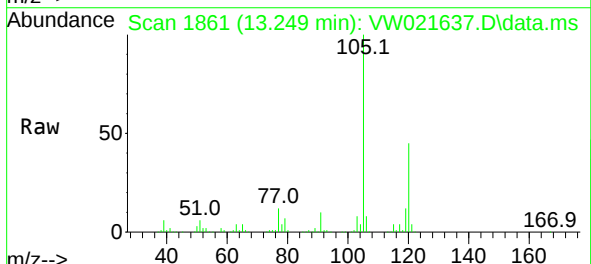
Acq: 25 Dec 2021 10:35

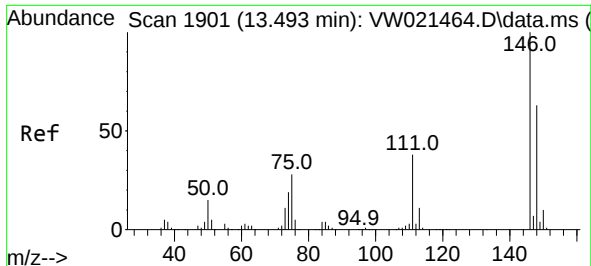
Tgt Ion:105 Resp: 185156

Ion Ratio Lower Upper

105 100

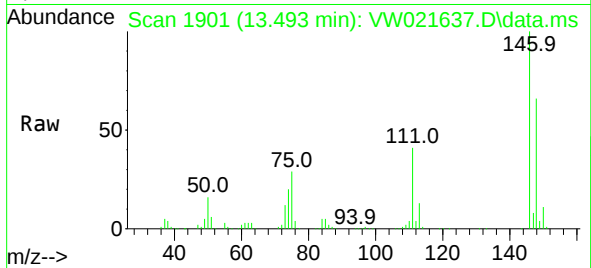
120 45.8 35.0 52.6



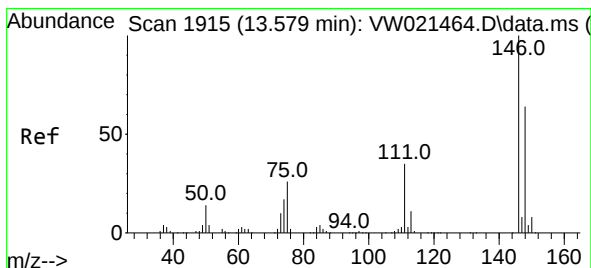
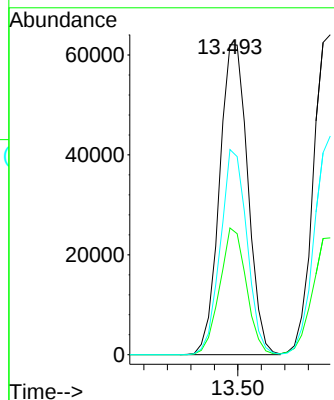
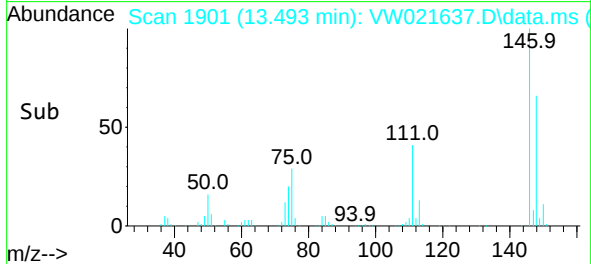


#64
 1,3-Dichlorobenzene
 Concen: 22.985 ug/L
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: VW021637.D
 Acq: 25 Dec 2021 10:35

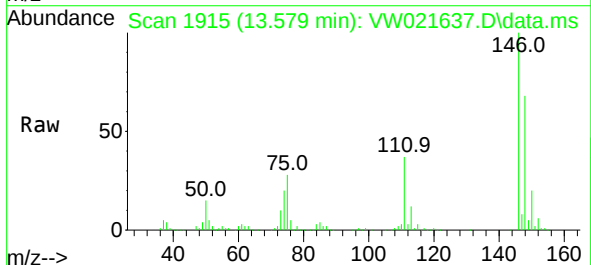
Instrument :
 MSVOA_W
 ClientSampleId :



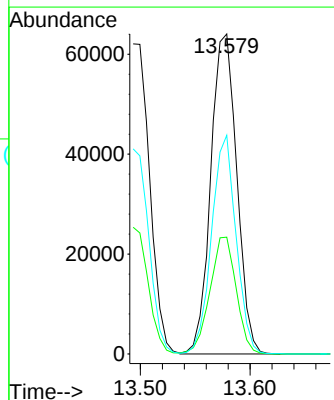
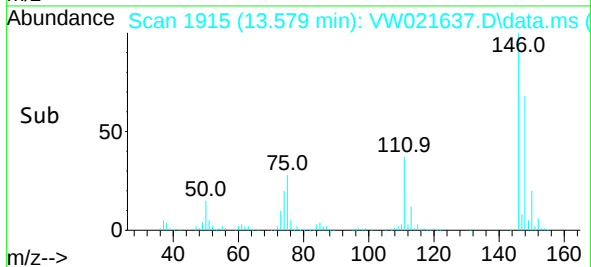
Tgt Ion:146 Resp: 104032
 Ion Ratio Lower Upper
 146 100
 111 40.9 29.8 55.3
 148 66.2 46.2 85.8

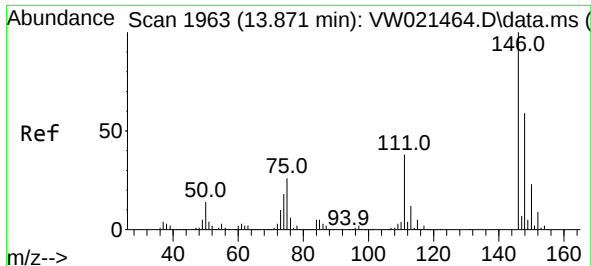


#65
 1,4-Dichlorobenzene
 Concen: 23.539 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW021637.D
 Acq: 25 Dec 2021 10:35



Tgt Ion:146 Resp: 105855
 Ion Ratio Lower Upper
 146 100
 111 36.5 29.0 53.9
 148 68.4 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 22.706 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

Instrument :

MSVOA_W

ClientSampleId :

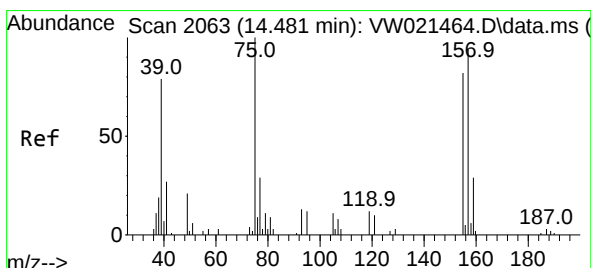
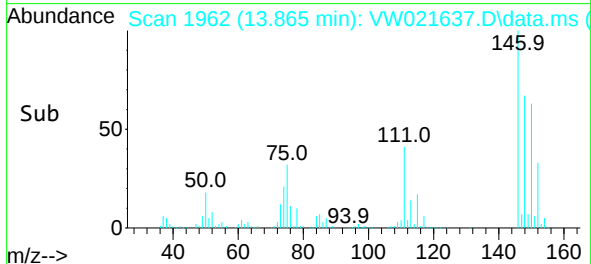
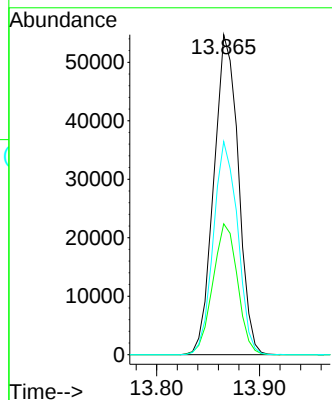
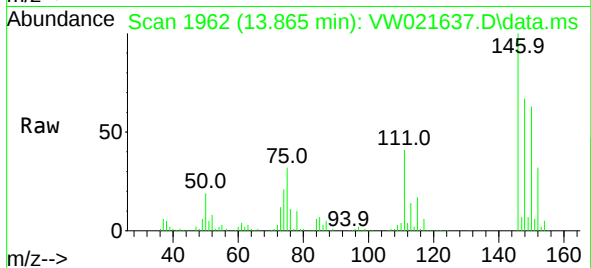
Tgt Ion:146 Resp: 90480

Ion Ratio Lower Upper

146 100

111 40.9 33.1 49.7

148 66.6 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.033 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021637.D

Acq: 25 Dec 2021 10:35

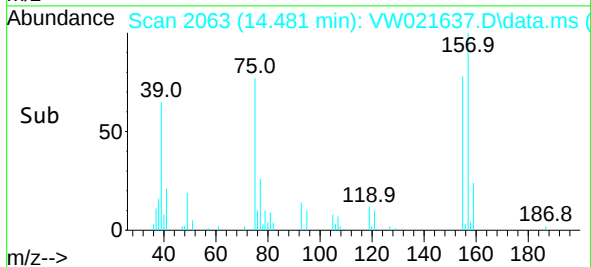
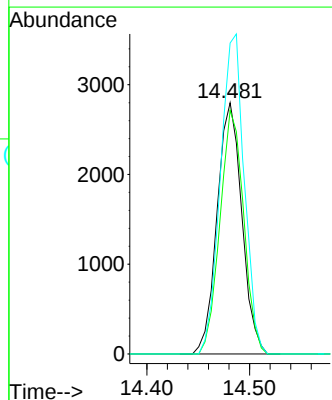
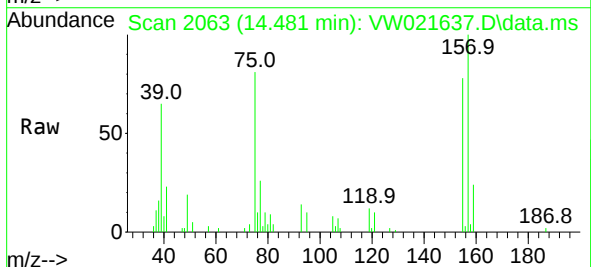
Tgt Ion: 75 Resp: 4671

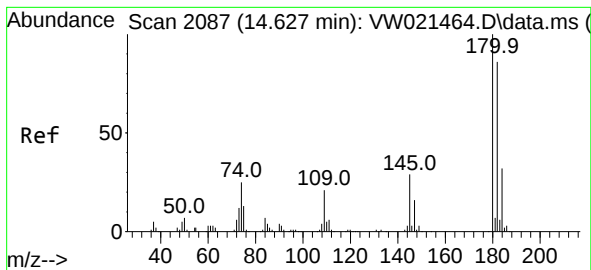
Ion Ratio Lower Upper

75 100

155 97.0 54.2 81.2#

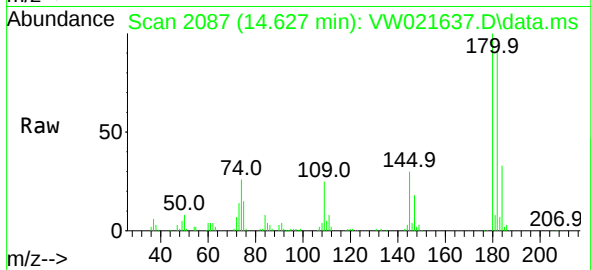
157 123.7 69.4 104.2#



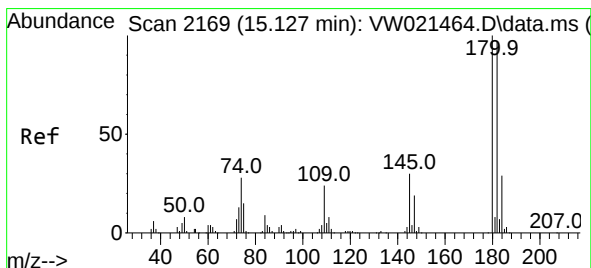
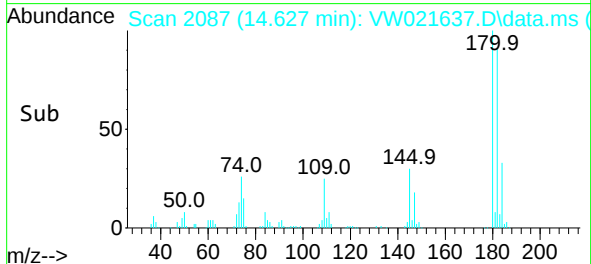
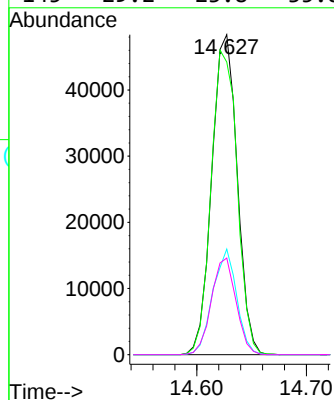


#69
 1,3,5-Trichlorobenzene
 Concen: 23.080 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW021637.D
 Acq: 25 Dec 2021 10:35

Instrument :
 MSVOA_W
 ClientSampleId :

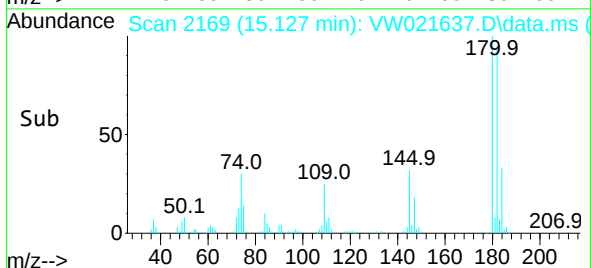
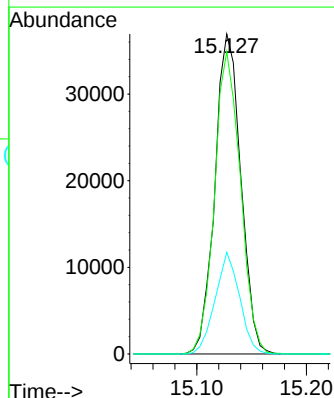
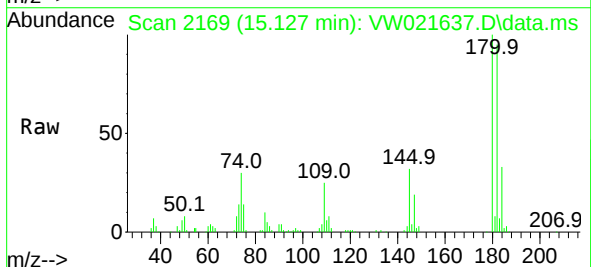


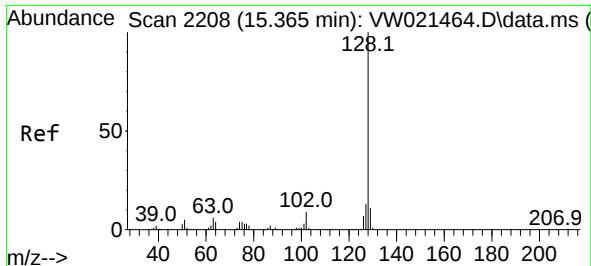
Tgt Ion:180 Resp: 78079
 Ion Ratio Lower Upper
 180 100
 182 97.2 75.4 113.0
 184 31.1 23.8 35.8
 145 29.2 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 22.302 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021637.D
 Acq: 25 Dec 2021 10:35

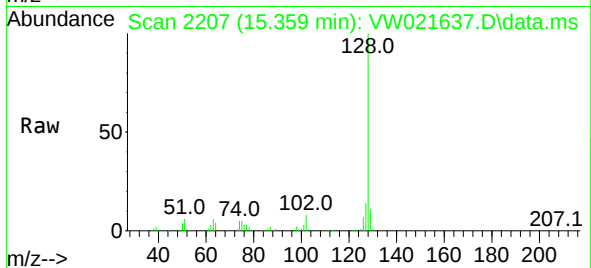
Tgt Ion:180 Resp: 60683
 Ion Ratio Lower Upper
 180 100
 182 94.4 79.0 118.6
 145 30.0 26.0 39.0



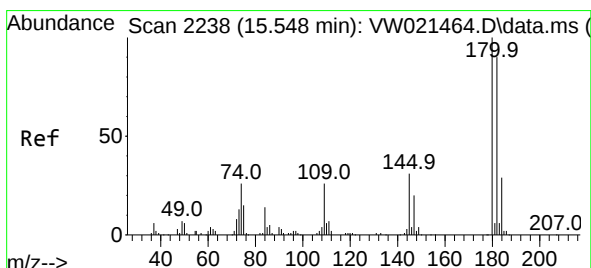
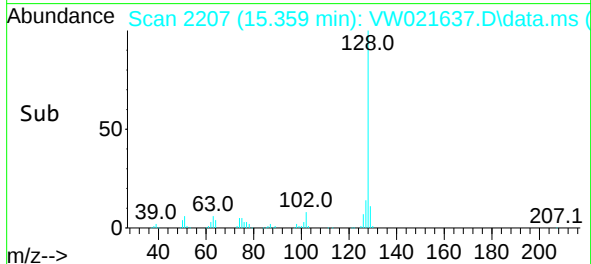
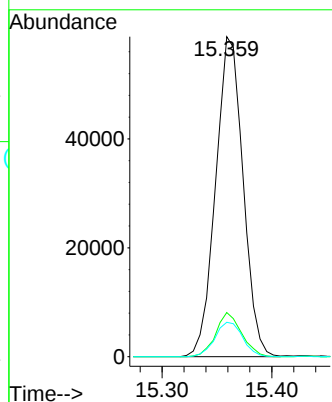


#71
Naphthalene
Concen: 23.119 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 102203
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 22.849 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW021637.D
Acq: 25 Dec 2021 10:35

Tgt Ion:180 Resp: 51382
Ion Ratio Lower Upper
180 100
182 95.8 76.6 114.8
145 32.5 27.4 41.0

