

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
 Data File : VW021698.D
 Acq On : 29 Dec 2021 18:50
 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 30 01:21:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	80747	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	80532	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	49300	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45194	28.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.560%	
7) Chloroethane-d5	2.885	69	31742	29.602	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.400%	
11) 1,1-Dichloroethene-d2	4.013	63	57409	24.641	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 98.560%	
21) 2-Butanone-d5	7.080	46	13079	56.152	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 112.300%	
24) Chloroform-d	7.647	84	67469	26.749	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.000%	
26) 1,2-Dichloroethane-d4	8.305	65	35211	26.437	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.760%	
32) Benzene-d6	8.275	84	124993	26.139	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.560%	
36) 1,2-Dichloropropane-d6	9.274	67	33877	26.116	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.480%	
41) Toluene-d8	10.323	98	123796	25.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 103.920%	
43) trans-1,3-Dichloroprop...	10.579	79	16951	26.855	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.400%	
47) 2-Hexanone-d5	10.927	63	10642	54.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.180%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29420	27.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.040%	
66) 1,2-Dichlorobenzene-d4	13.853	152	48427	25.687	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	16262	33.964	ug/L	99
3) Chloromethane	2.215	50	27902	22.562	ug/L	99
5) Vinyl chloride	2.361	62	46116	25.284	ug/L	99
6) Bromomethane	2.776	94	31311	26.383	ug/L	95
8) Chloroethane	2.916	64	22859	26.301	ug/L	97
9) Trichlorofluoromethane	3.251	101	23047	21.001	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	32333	24.192	ug/L	89
12) 1,1-Dichloroethene	4.038	96	28505	23.846	ug/L	82
13) Acetone	4.123	43	9990	50.514	ug/L	88
14) Carbon disulfide	4.379	76	84418	24.404	ug/L	100
15) Methyl Acetate	4.672	43	9241	24.490	ug/L	# 87
16) Methylene chloride	4.916	84	31501	21.853	ug/L	84
17) trans-1,2-Dichloroethene	5.422	96	30308	24.001	ug/L	78
18) Methyl tert-butyl Ether	5.428	73	40238	22.884	ug/L	94
19) 1,1-Dichloroethane	6.214	63	47075	23.894	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	31928	24.357	ug/L	68
22) 2-Butanone	7.165	43	13122	48.806	ug/L	85
23) Bromochloromethane	7.513	128	15432	24.355	ug/L	# 64
25) Chloroform	7.671	83	54261	23.876	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
 Data File : VW021698.D
 Acq On : 29 Dec 2021 18:50
 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 30 01:21:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

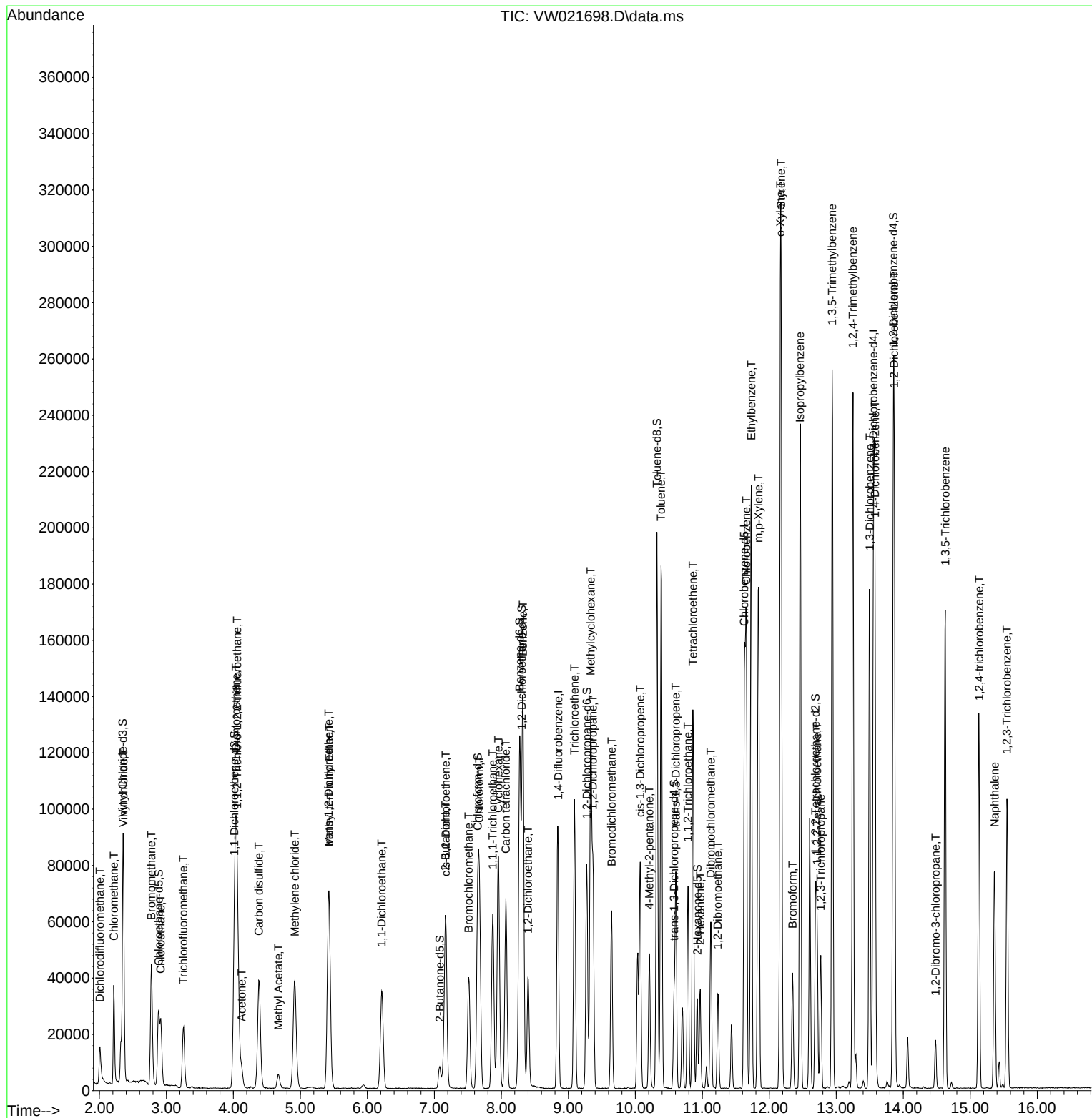
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	34851	23.643	ug/L	96
29) Cyclohexane	7.958	56	42285	22.705	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	50247	23.648	ug/L	94
31) Carbon tetrachloride	8.067	117	50217	24.304	ug/L	100
33) Benzene	8.323	78	115710	23.549	ug/L	100
34) Trichloroethene	9.092	95	31777	22.781	ug/L	85
35) Methylcyclohexane	9.335	83	54658	23.750	ug/L #	83
37) 1,2-Dichloropropane	9.366	63	25707	23.607	ug/L #	95
38) Bromodichloromethane	9.646	83	40933	24.627	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	43081	24.213	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	28741	47.911	ug/L #	92
42) Toluene	10.384	91	135427	23.876	ug/L	94
44) trans-1,3-Dichloropropene	10.604	75	38431	24.040	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	21680	23.969	ug/L	94
46) Tetrachloroethene	10.860	164	30504	23.352	ug/L	96
48) 2-Hexanone	10.969	43	20916	51.342	ug/L #	93
49) Dibromochloromethane	11.128	129	29532	24.301	ug/L	99
50) 1,2-Dibromoethane	11.231	107	22331	24.582	ug/L #	96
51) Chlorobenzene	11.658	112	87138	23.809	ug/L	92
52) Ethylbenzene	11.731	91	147546	23.173	ug/L	95
53) m,p-Xylene	11.841	106	58235	22.826	ug/L	91
54) o-Xylene	12.164	106	55178	22.819	ug/L	96
55) Styrene	12.176	104	99530	23.967	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	24832	24.819	ug/L #	98
59) Bromoform	12.347	173	18907	26.278	ug/L	98
60) Isopropylbenzene	12.457	105	149954	21.820	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	17793	23.586	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	134334	23.121	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	129273	22.399	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	72963	22.486	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	74803	23.120	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	66037	23.311	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	4045	24.351	ug/L #	70
69) 1,3,5-Trichlorobenzene	14.627	180	55412	23.247	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	43157	22.683	ug/L	95
71) Naphthalene	15.365	128	67697	21.868	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	34955	21.825	ug/L	98

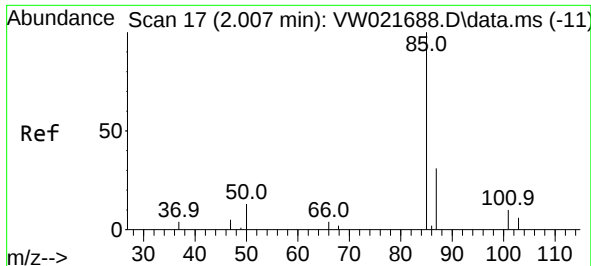
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
 Data File : VW021698.D
 Acq On : 29 Dec 2021 18:50
 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 30 01:21:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

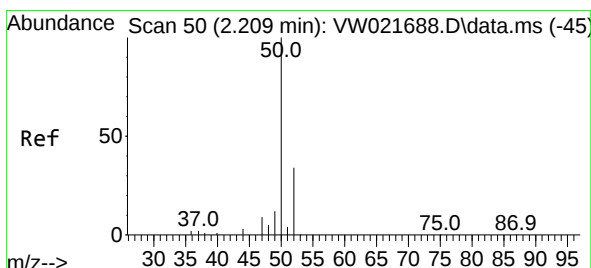
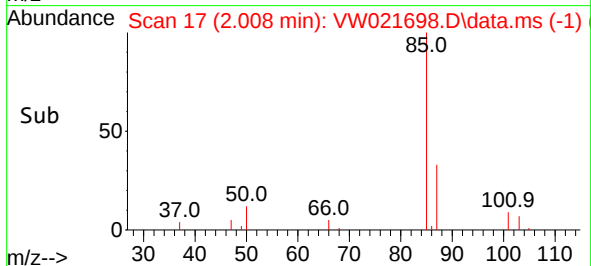
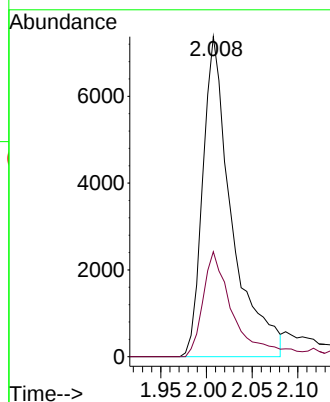
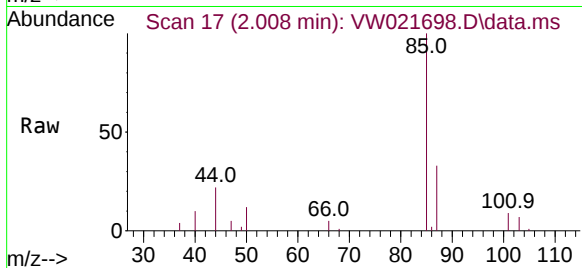




#2
 Dichlorodifluoromethane
 Concen: 33.964 ug/L
 RT: 2.008 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VW021698.D
 Acq: 29 Dec 2021 18:50

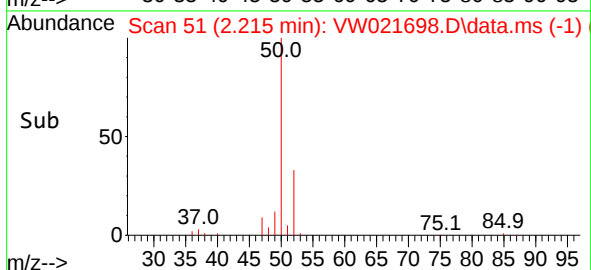
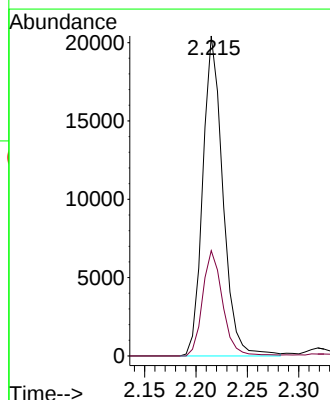
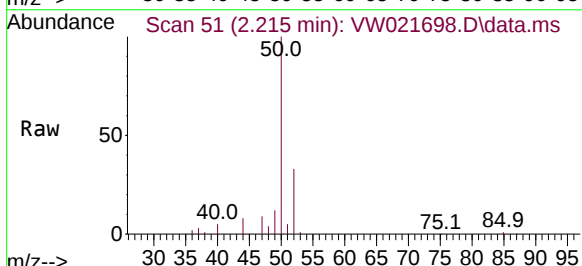
Instrument :
 MSVOA_W
 ClientSampleId :

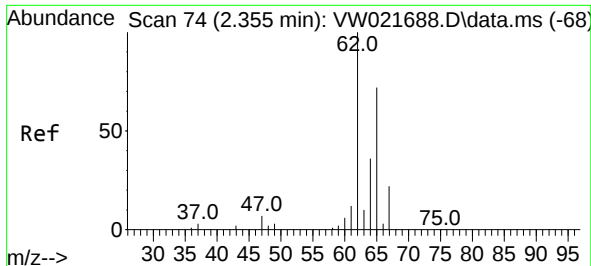
Tgt Ion: 85 Resp: 16262
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.6



#3
 Chloromethane
 Concen: 22.562 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW021698.D
 Acq: 29 Dec 2021 18:50

Tgt Ion: 50 Resp: 27902
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.4 43.6

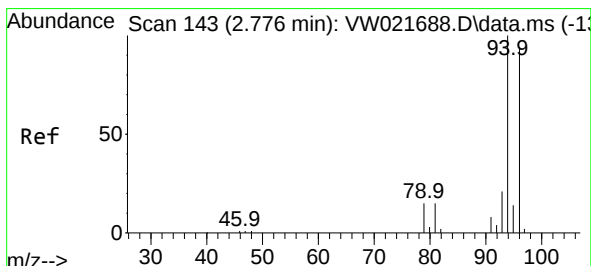
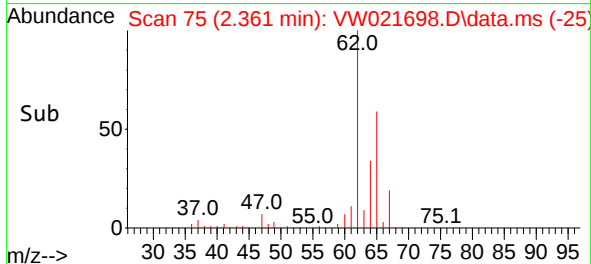
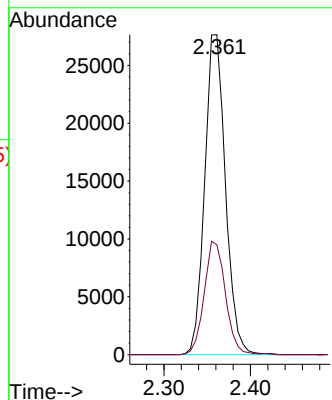
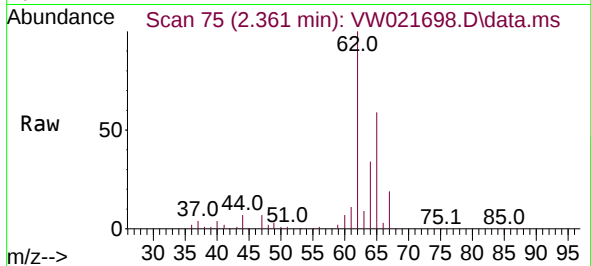




#5
 Vinyl chloride
 Concen: 25.284 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021698.D
 Acq: 29 Dec 2021 18:50

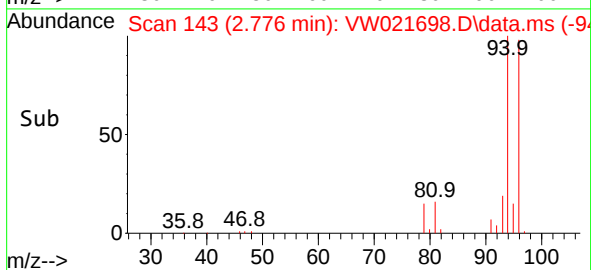
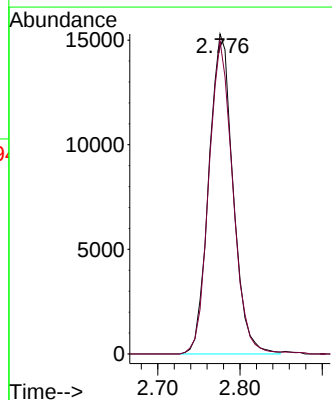
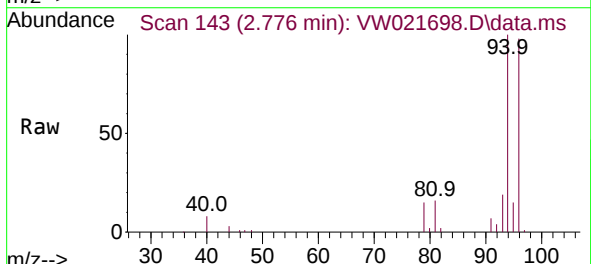
Instrument :
 MSVOA_W
 ClientSampleId :

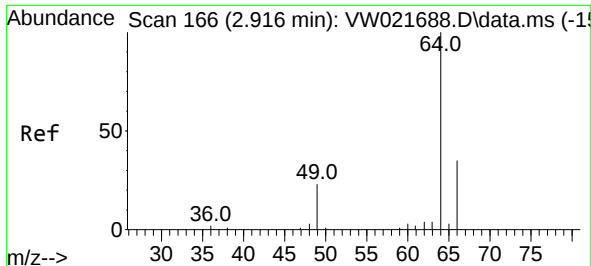
Tgt Ion: 62 Resp: 46116
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.4 45.2



#6
 Bromomethane
 Concen: 26.383 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021698.D
 Acq: 29 Dec 2021 18:50

Tgt Ion: 94 Resp: 31311
 Ion Ratio Lower Upper
 94 100
 96 97.8 64.8 120.4

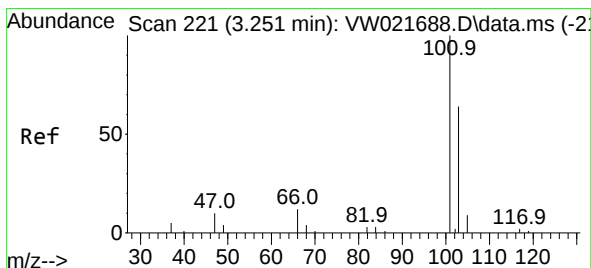
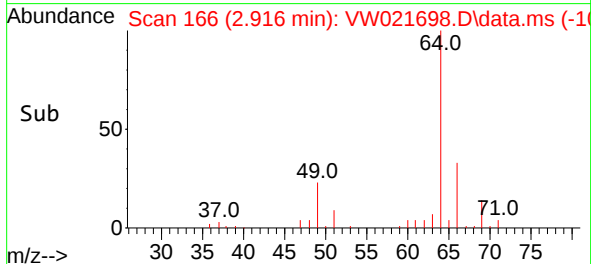
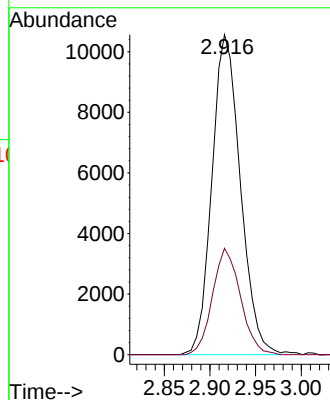
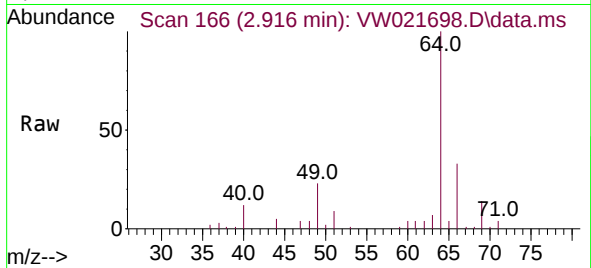




#8
Chloroethane
Concen: 26.301 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

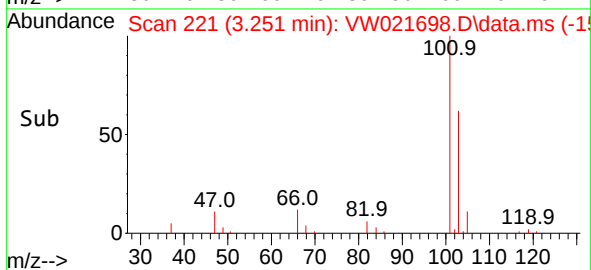
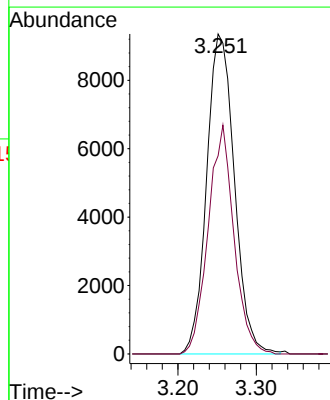
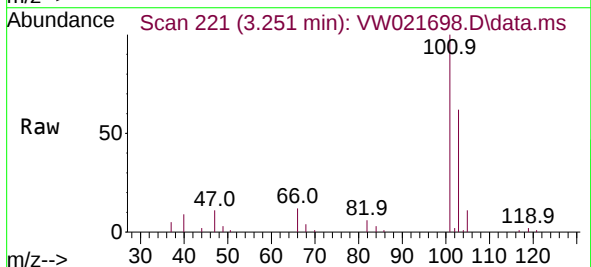
Instrument :
MSVOA_W
ClientSampleId :

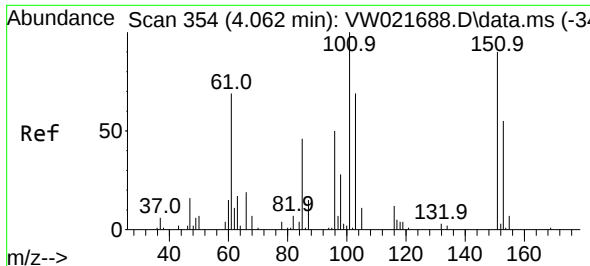
Tgt Ion: 64 Resp: 22859
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.001 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion:101 Resp: 23047
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.2

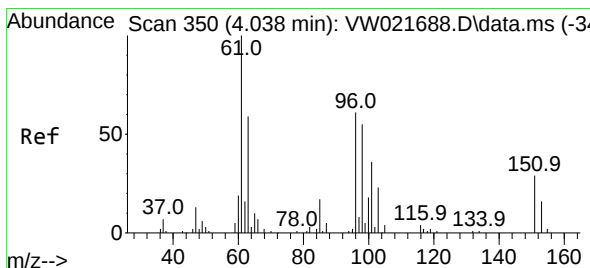
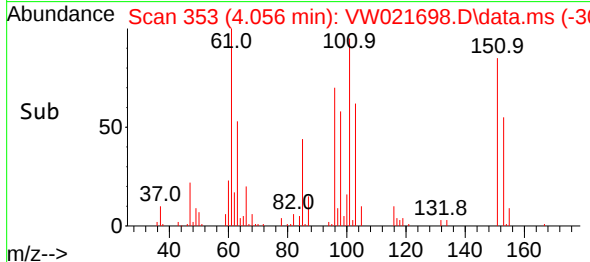
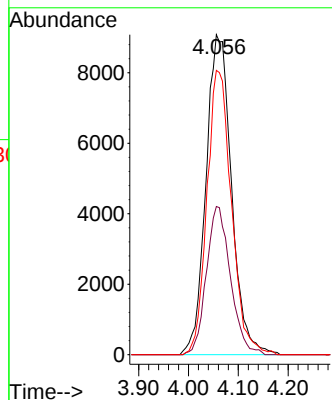
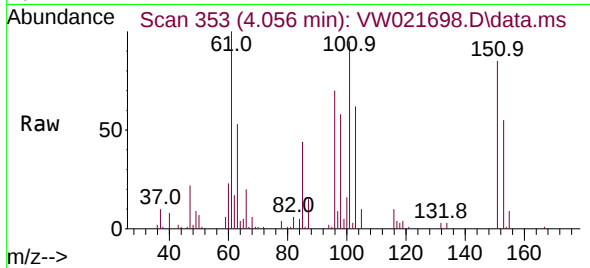




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.192 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW021698.D
 Acq: 29 Dec 2021 18:50

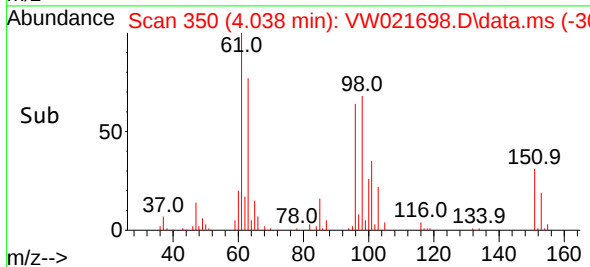
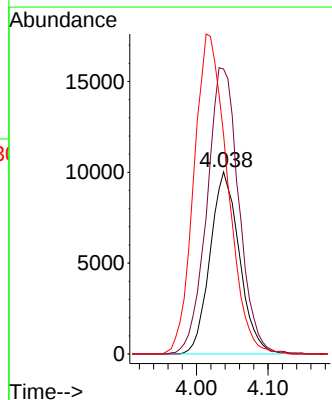
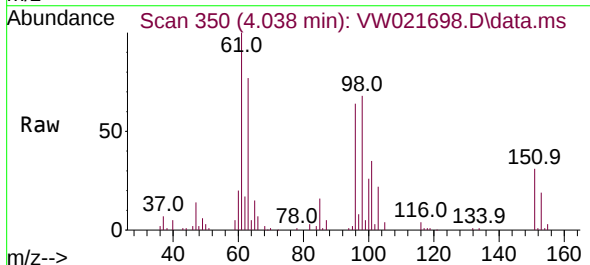
Instrument :
 MSVOA_W
 ClientSampleId :

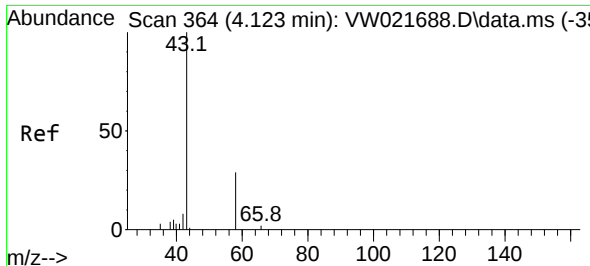
Tgt Ion:101 Resp: 32333
 Ion Ratio Lower Upper
 101 100
 85 43.6 36.6 54.8
 151 85.1 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.846 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021698.D
 Acq: 29 Dec 2021 18:50

Tgt Ion: 96 Resp: 28505
 Ion Ratio Lower Upper
 96 100
 61 156.5 138.3 256.9
 63 120.5 82.6 153.4

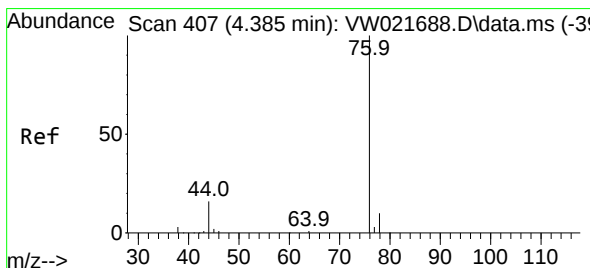
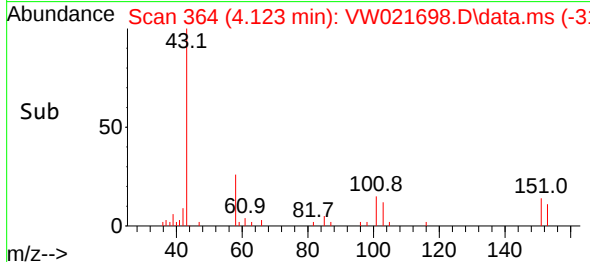
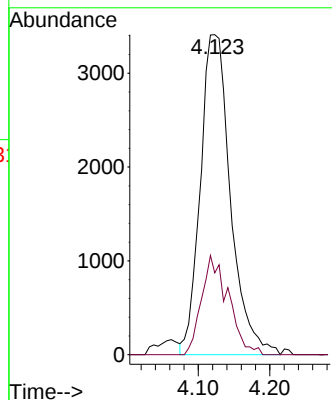
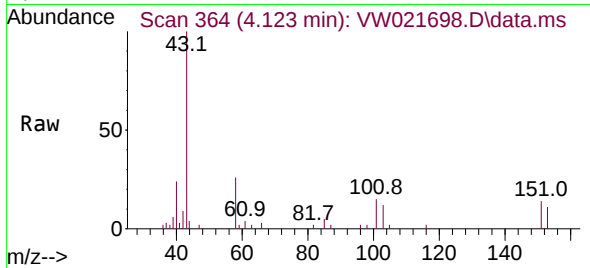




#13
Acetone
Concen: 50.514 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

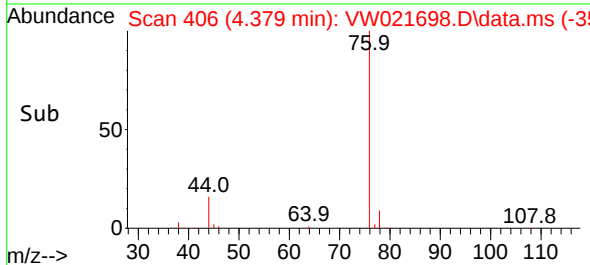
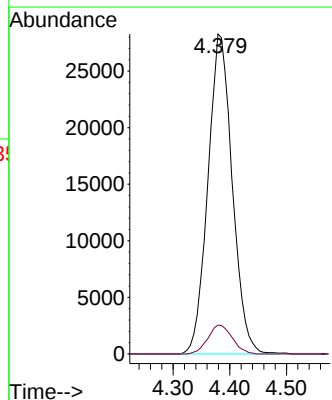
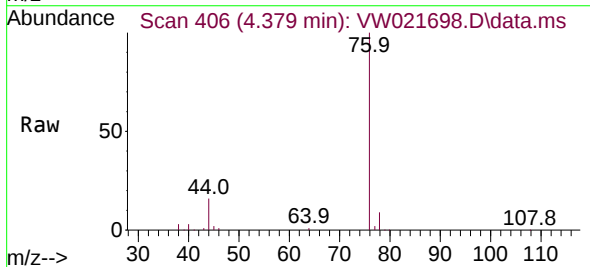
Instrument :
MSVOA_W
ClientSampleId :

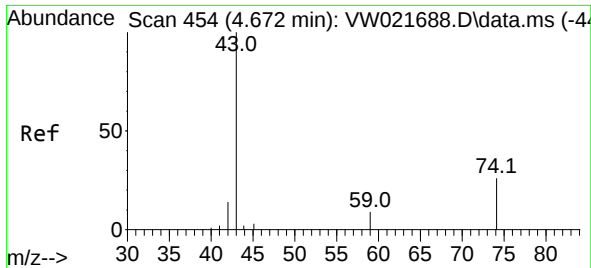
Tgt Ion: 43 Resp: 9990
Ion Ratio Lower Upper
43 100
58 20.2 0.0 52.8



#14
Carbon disulfide
Concen: 24.404 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion: 76 Resp: 84418
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

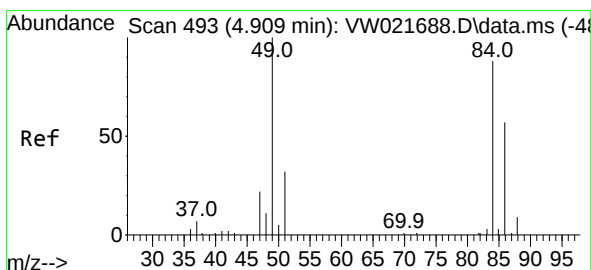
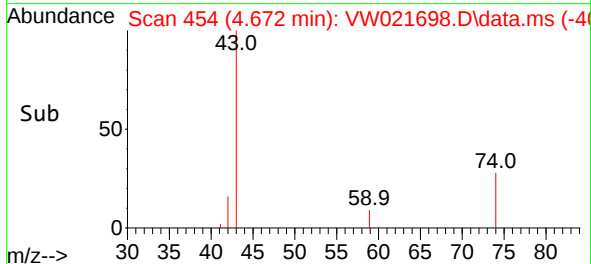
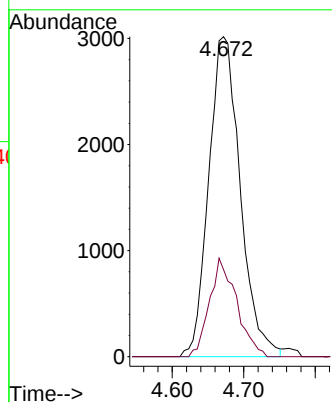
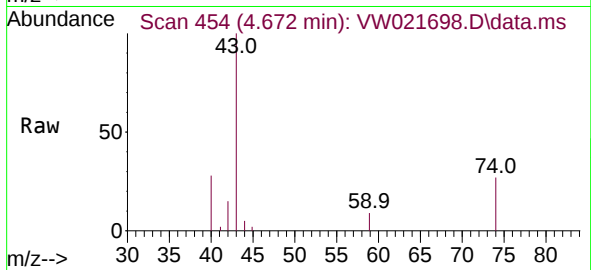




#15
Methyl Acetate
Concen: 24.490 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

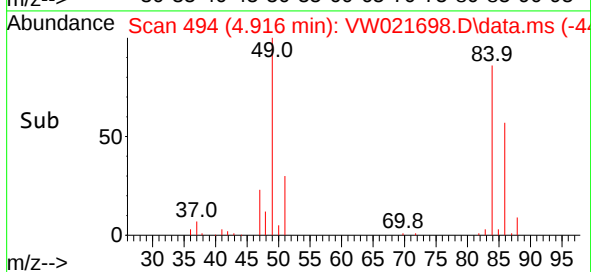
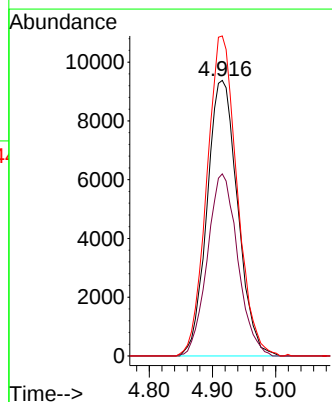
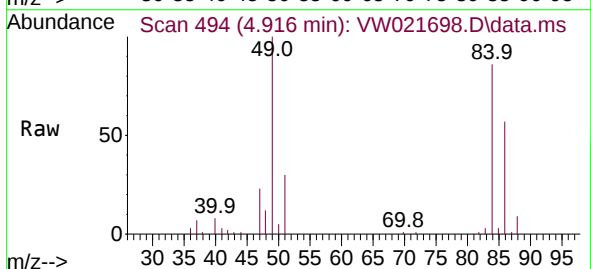
Instrument :
MSVOA_W
ClientSampleId :

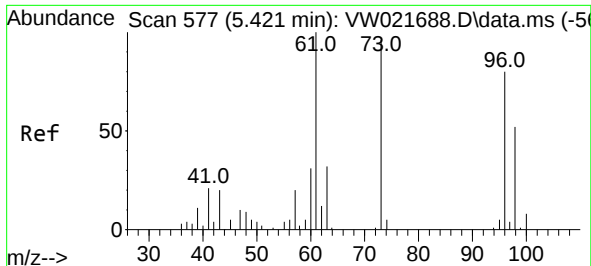
Tgt Ion: 43 Resp: 9241
Ion Ratio Lower Upper
43 100
74 26.5 16.4 24.6#



#16
Methylene chloride
Concen: 21.853 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion: 84 Resp: 31501
Ion Ratio Lower Upper
84 100
86 66.1 45.5 84.5
49 116.2 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 24.001 ug/L

RT: 5.422 min Scan# 5

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

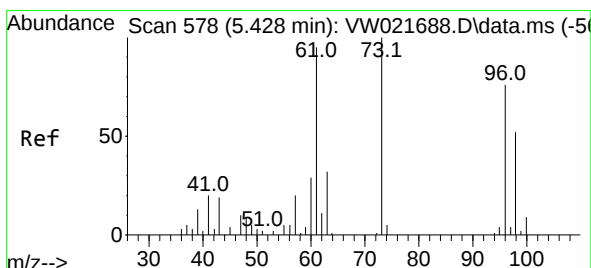
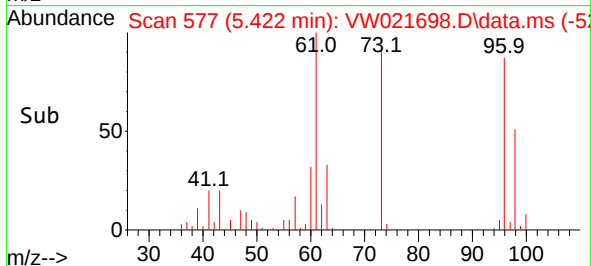
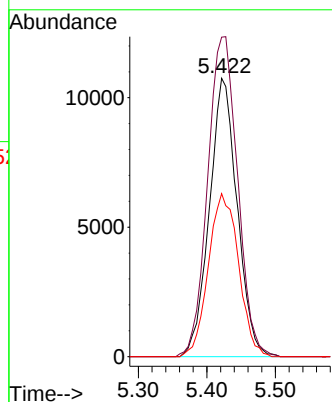
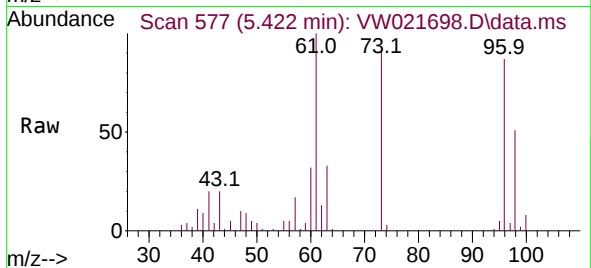
Tgt Ion: 96 Resp: 30308

Ion Ratio Lower Upper

96 100

61 114.8 107.4 199.4

98 58.5 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 22.884 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

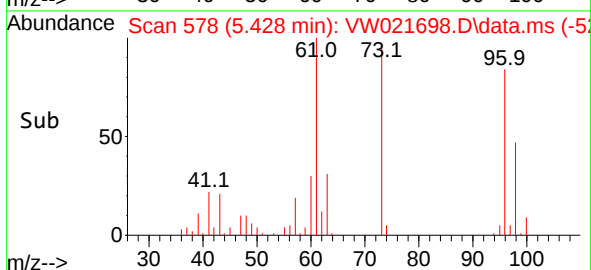
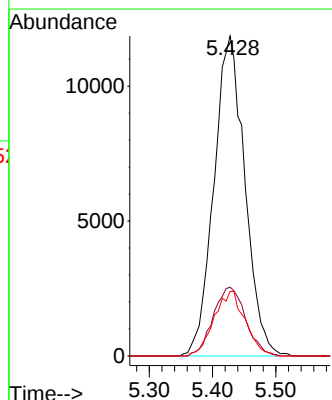
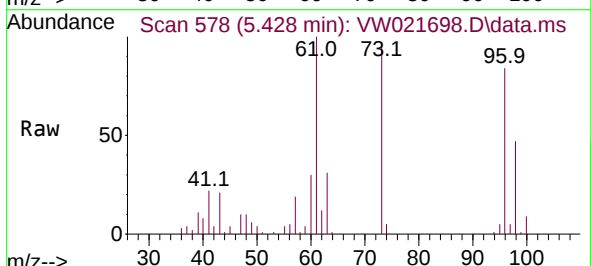
Tgt Ion: 73 Resp: 40238

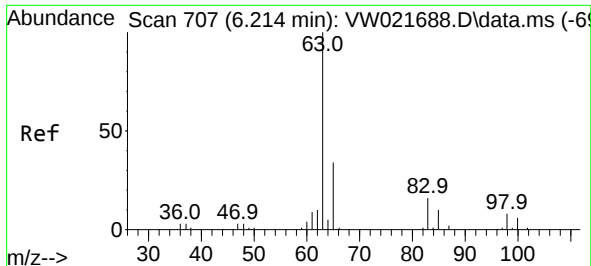
Ion Ratio Lower Upper

73 100

43 22.5 19.5 29.3

57 20.4 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.894 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

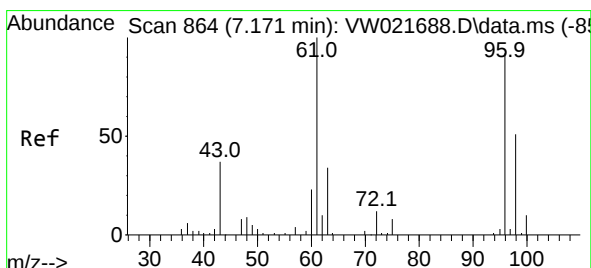
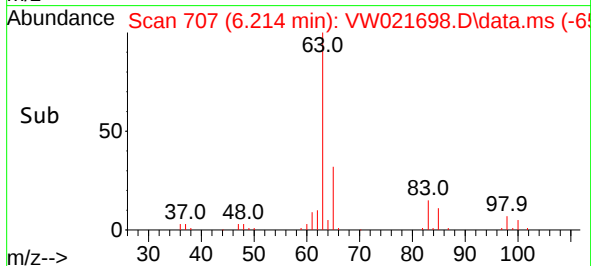
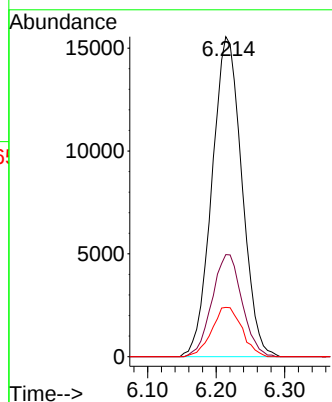
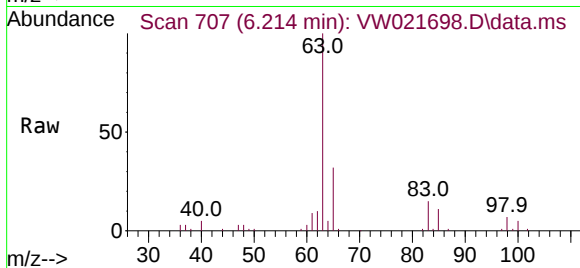
Tgt Ion: 63 Resp: 47075

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 15.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.357 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

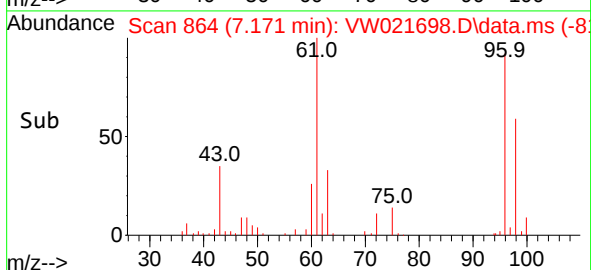
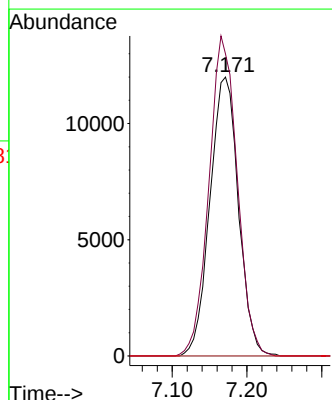
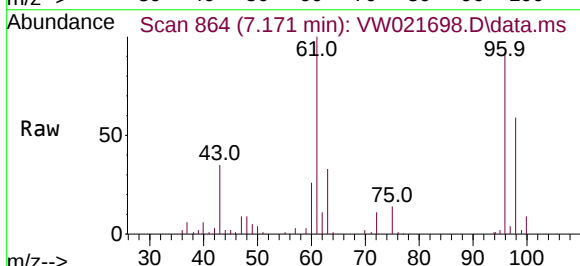
Tgt Ion: 96 Resp: 31928

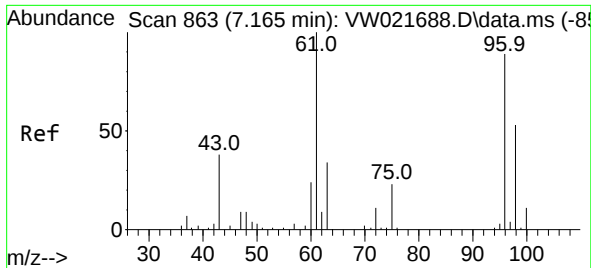
Ion Ratio Lower Upper

96 100

61 108.3 103.7 192.7

68 0.0 0.0 0.0

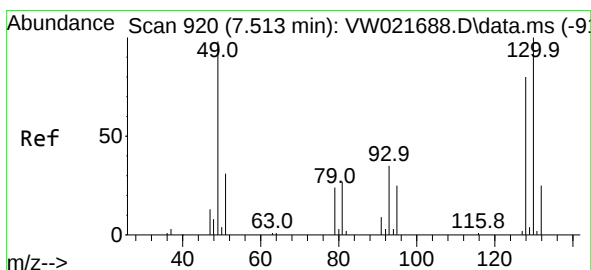
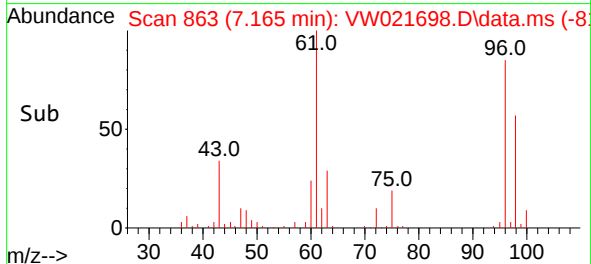
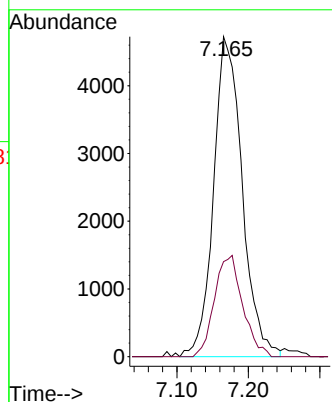
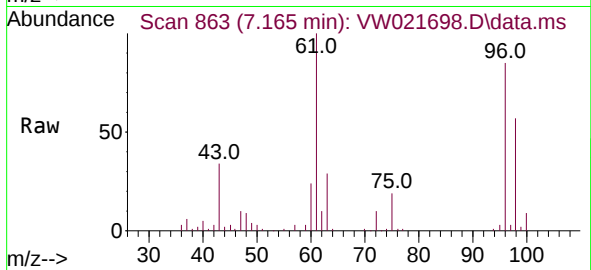




#22
2-Butanone
Concen: 48.806 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

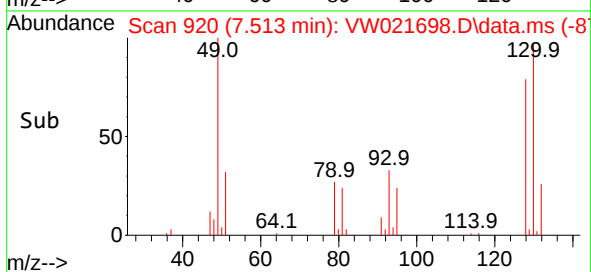
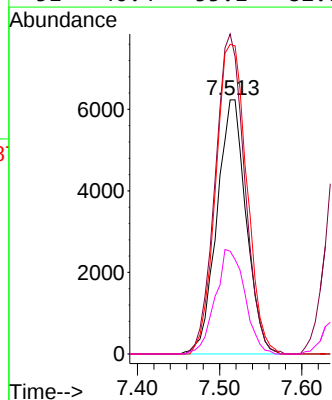
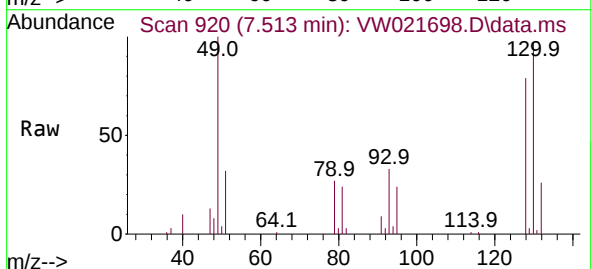
Instrument :
MSVOA_W
ClientSampleId :

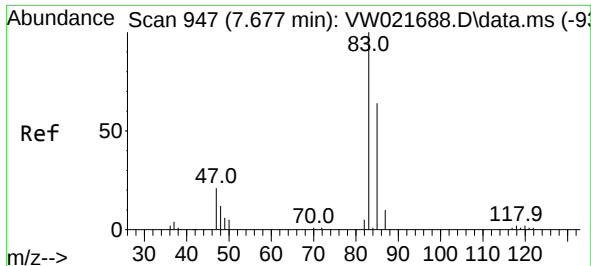
Tgt Ion: 43 Resp: 13122
Ion Ratio Lower Upper
43 100
72 31.1 11.8 35.4



#23
Bromochloromethane
Concen: 24.355 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion: 128 Resp: 15432
Ion Ratio Lower Upper
128 100
49 125.9 150.3 279.1#
130 121.9 88.3 163.9
51 40.4 55.1 82.7#

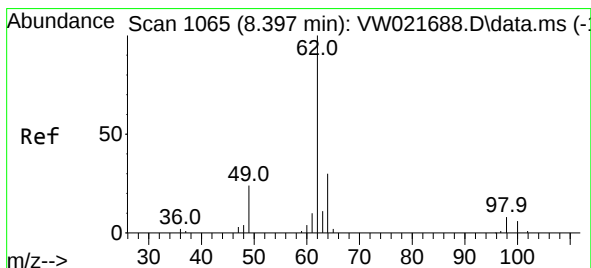
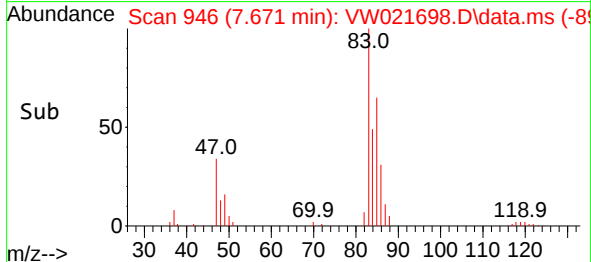
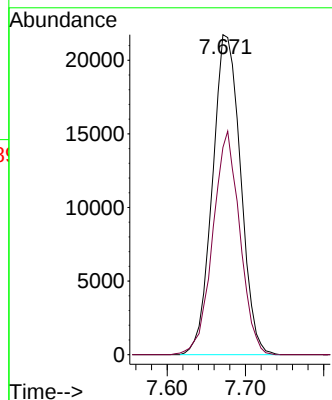
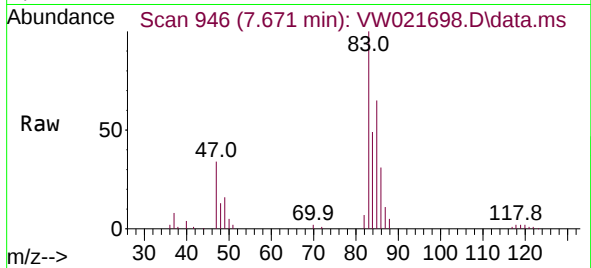




#25
Chloroform
Concen: 23.876 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

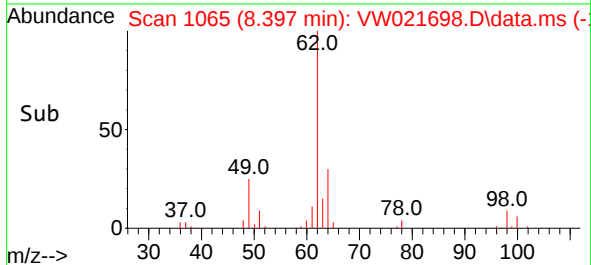
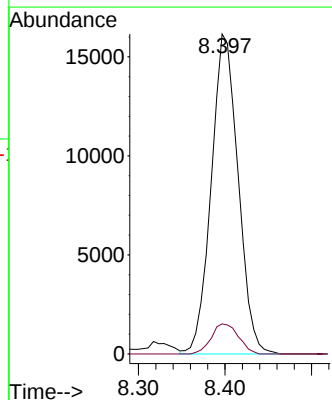
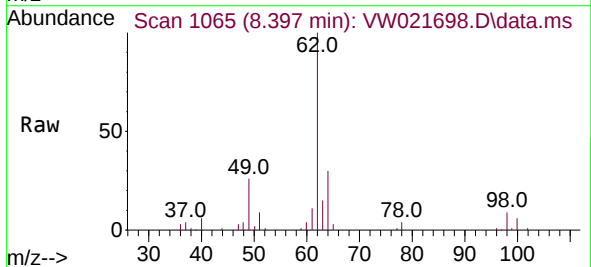
Instrument :
MSVOA_W
ClientSampleId :

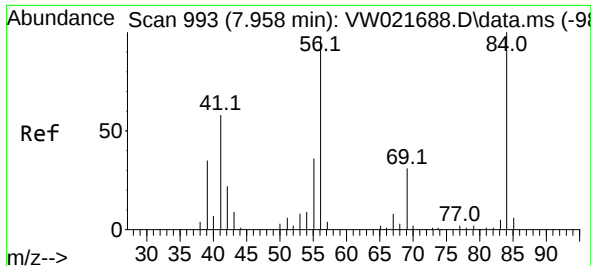
Tgt Ion: 83 Resp: 54261
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.643 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion: 62 Resp: 34851
Ion Ratio Lower Upper
62 100
98 9.4 6.5 9.7





#29

Cyclohexane

Concen: 22.705 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

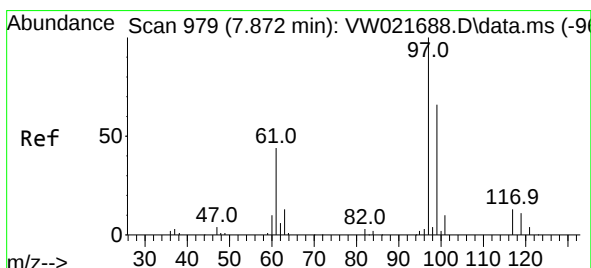
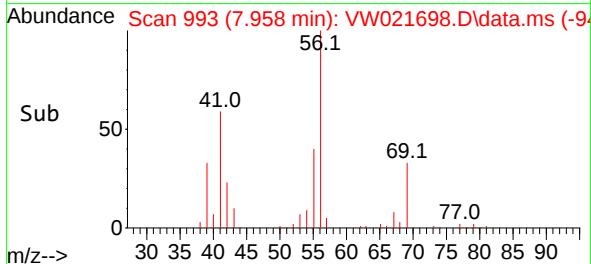
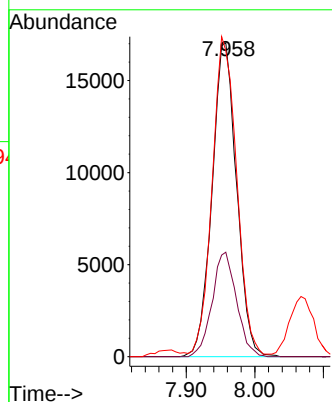
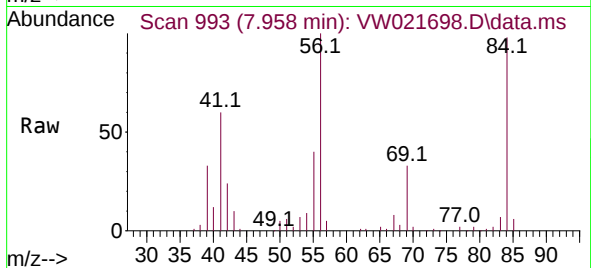
Tgt Ion: 56 Resp: 42285

Ion Ratio Lower Upper

56 100

69 33.1 23.5 35.3

84 102.4 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 23.648 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

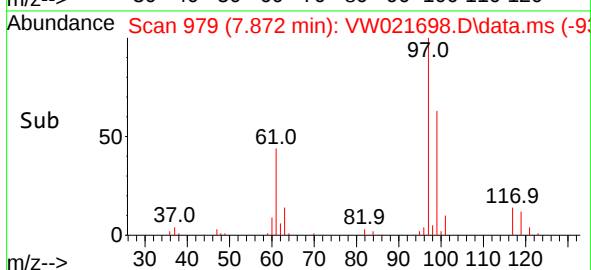
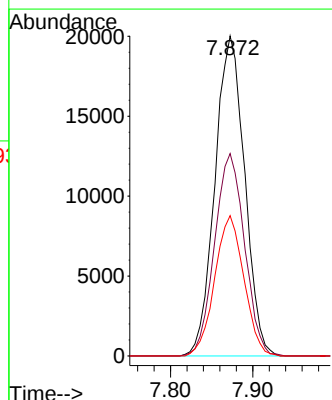
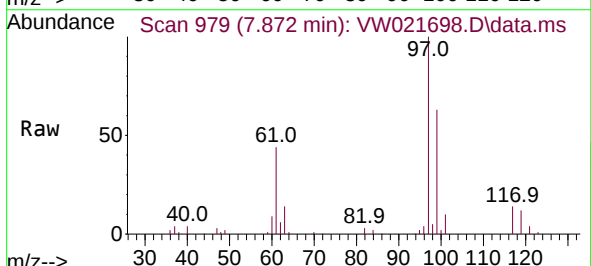
Tgt Ion: 97 Resp: 50247

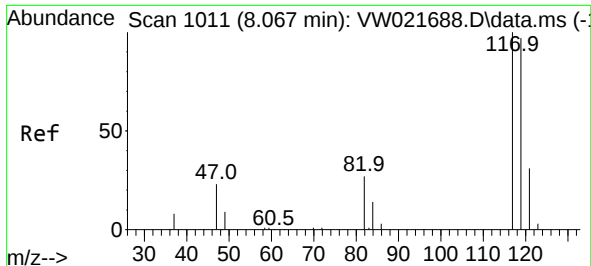
Ion Ratio Lower Upper

97 100

99 63.6 51.6 77.4

61 43.1 40.9 61.3

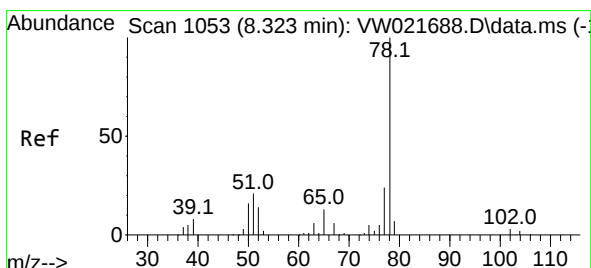
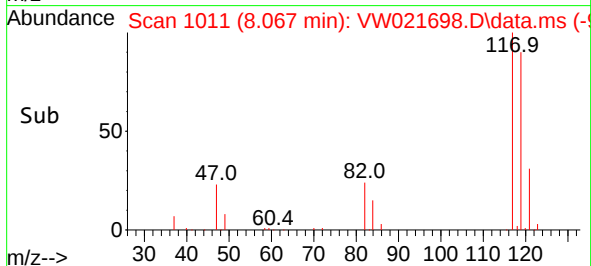
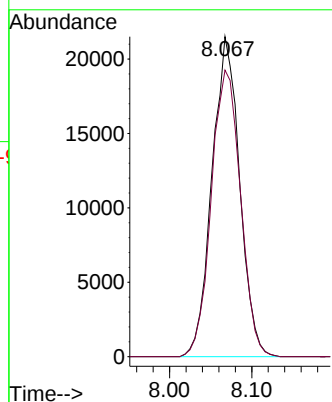
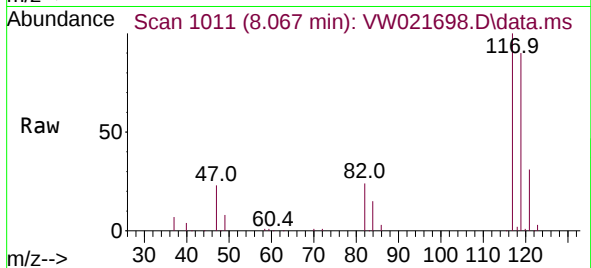




#31
Carbon tetrachloride
Concen: 24.304 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

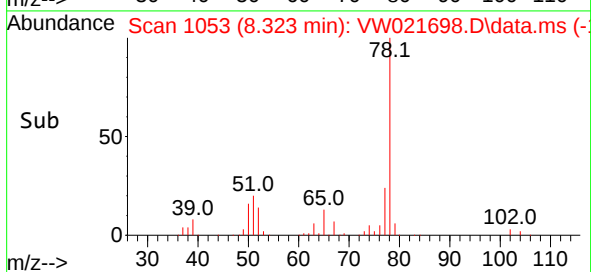
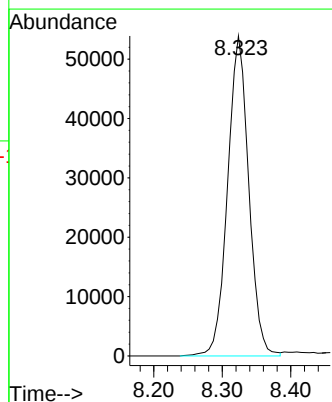
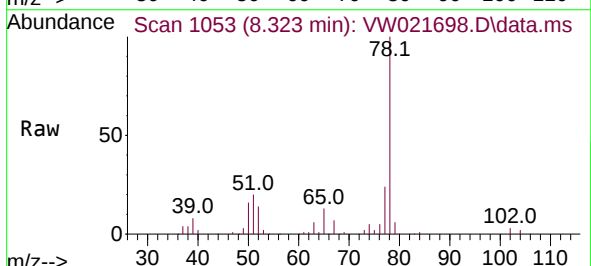
Instrument :
MSVOA_W
ClientSampleId :

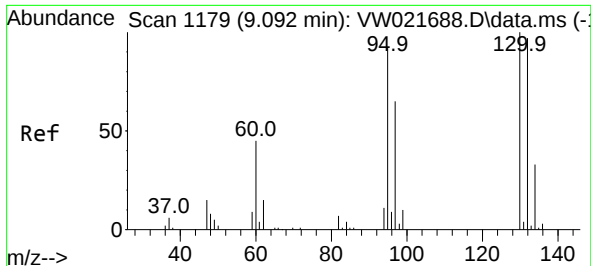
Tgt Ion:117 Resp: 50217
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5



#33
Benzene
Concen: 23.549 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion: 78 Resp: 115710





#34

Trichloroethene

Concen: 22.781 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 31777

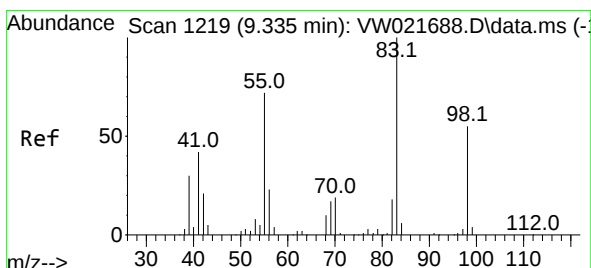
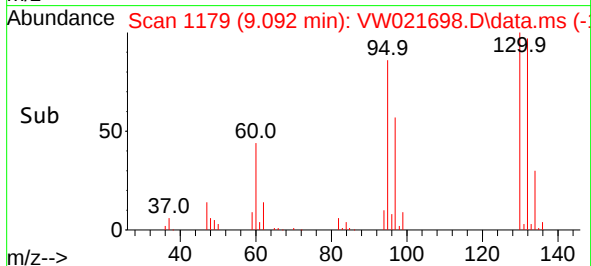
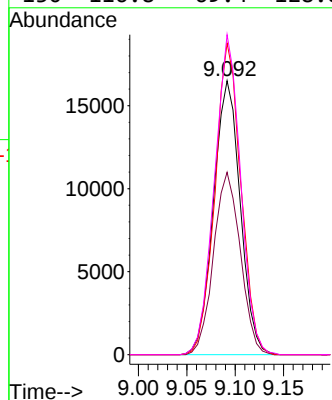
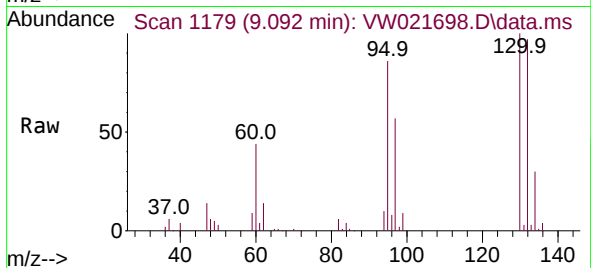
Ion Ratio Lower Upper

95 100

97 66.6 47.0 87.2

132 113.7 65.5 121.6

130 116.8 69.4 128.8



#35

Methylcyclohexane

Concen: 23.750 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

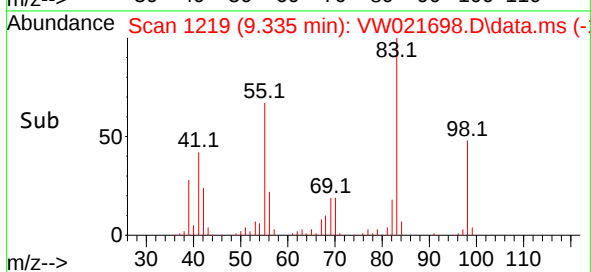
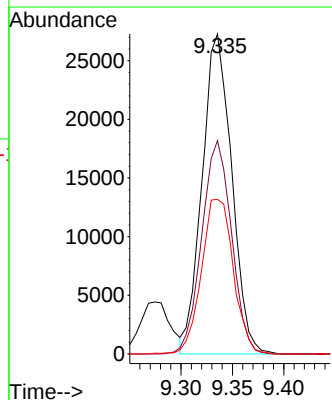
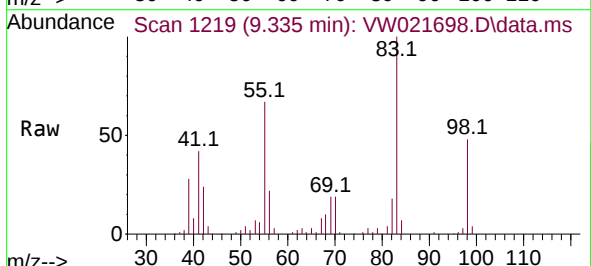
Tgt Ion: 83 Resp: 54658

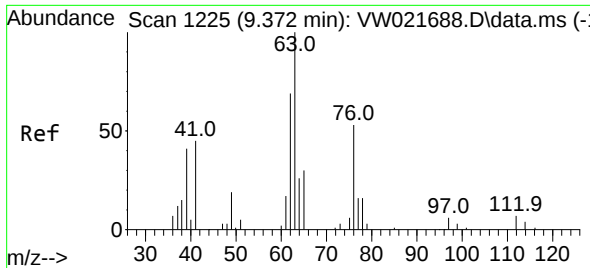
Ion Ratio Lower Upper

83 100

55 67.1 70.8 106.2#

98 51.9 37.7 56.5

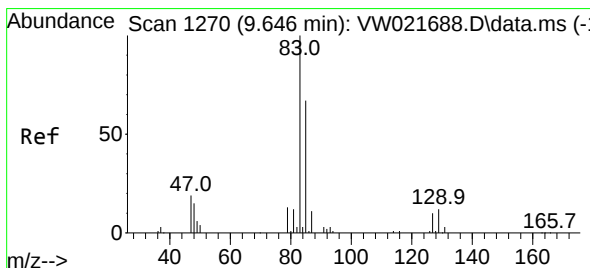
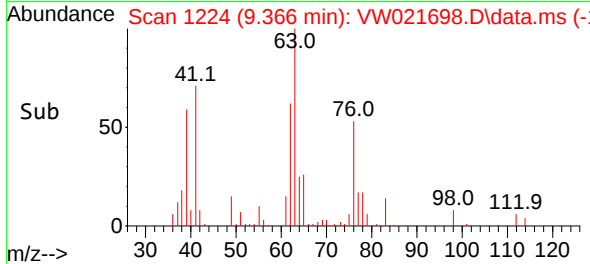
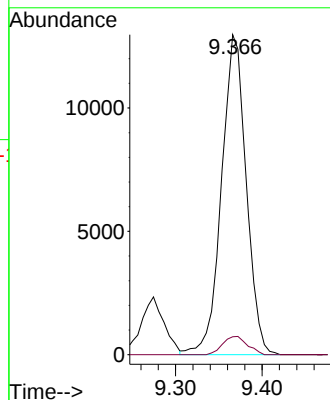
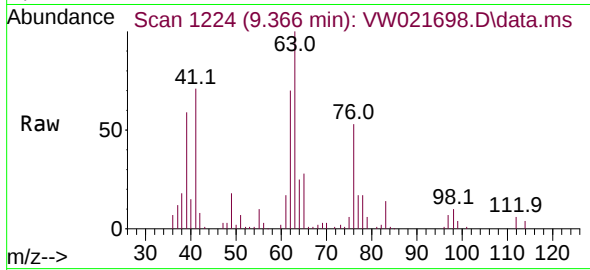




#37
1,2-Dichloropropane
Concen: 23.607 ug/L
RT: 9.366 min Scan# 111
Delta R.T. -0.006 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

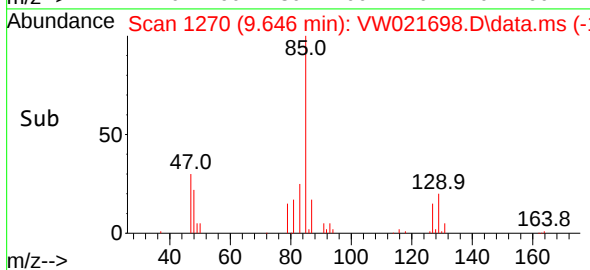
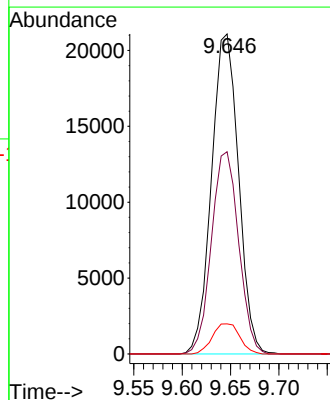
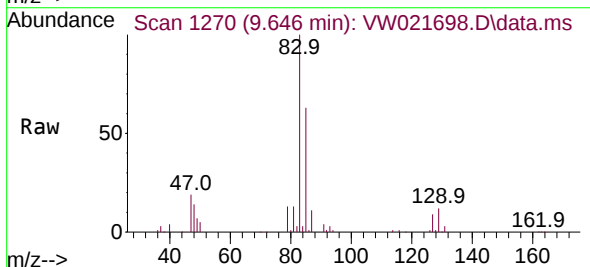
Instrument :
MSVOA_W
ClientSampleId :

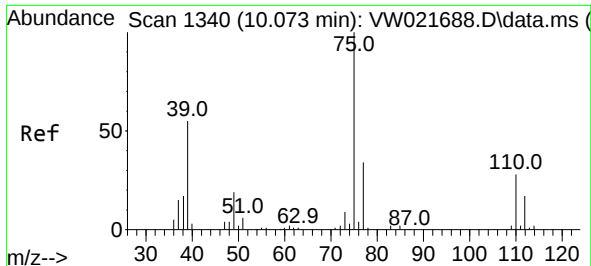
Tgt Ion: 63 Resp: 25707
Ion Ratio Lower Upper
63 100
112 5.7 3.2 4.8#



#38
Bromodichloromethane
Concen: 24.627 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion: 83 Resp: 40933
Ion Ratio Lower Upper
83 100
85 63.2 44.1 81.9
127 9.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.213 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

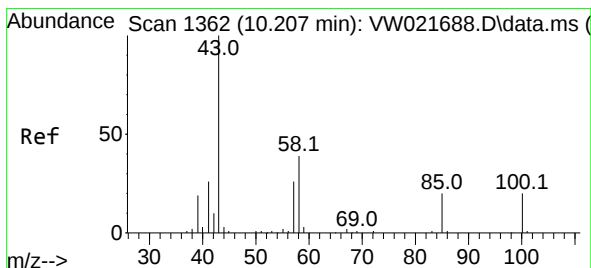
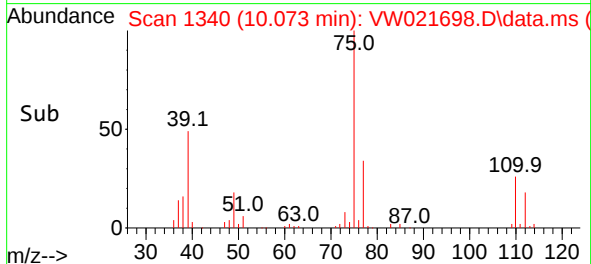
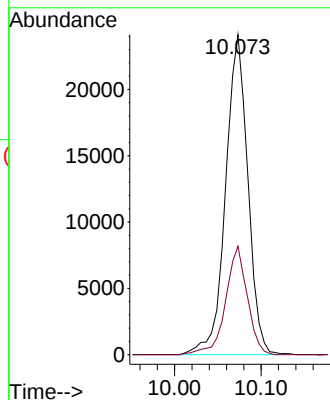
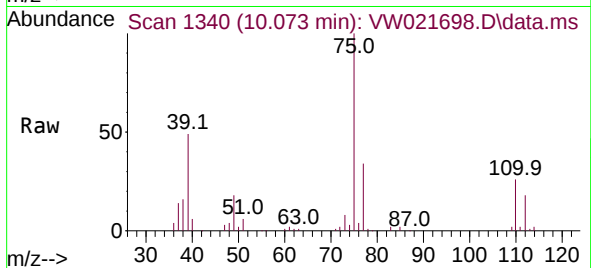
ClientSampleId :

Tgt Ion: 75 Resp: 43081

Ion Ratio Lower Upper

75 100

77 33.9 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 47.911 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

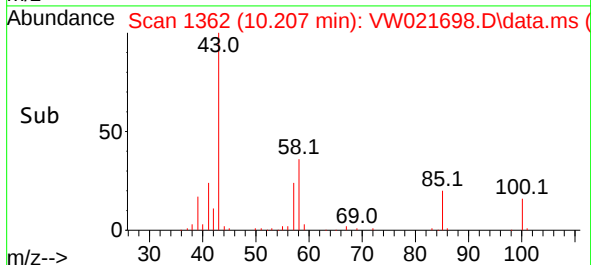
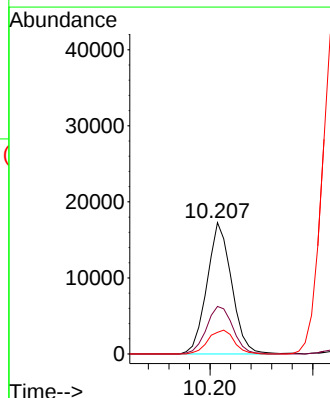
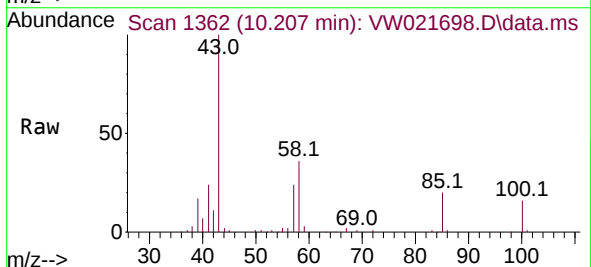
Tgt Ion: 43 Resp: 28741

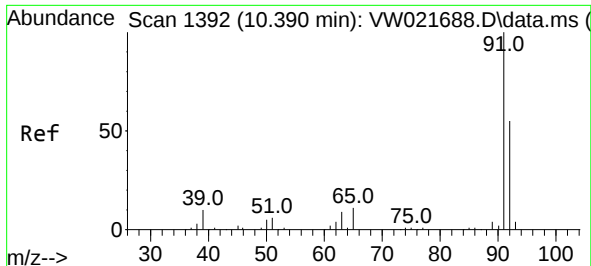
Ion Ratio Lower Upper

43 100

58 38.7 28.8 43.2

100 19.0 10.0 15.0#





#42

Toluene

Concen: 23.876 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

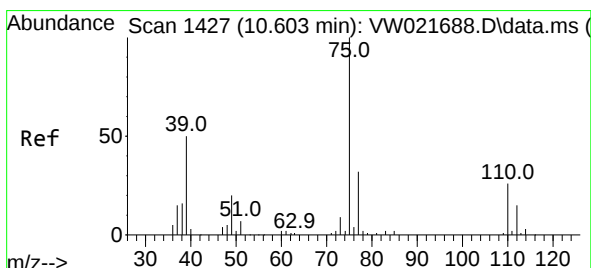
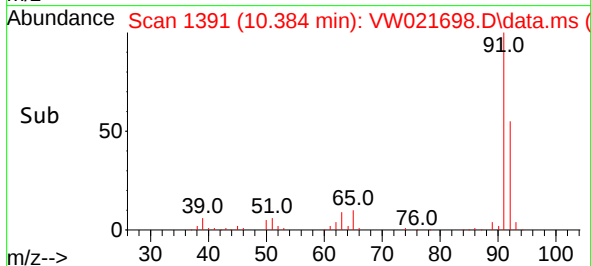
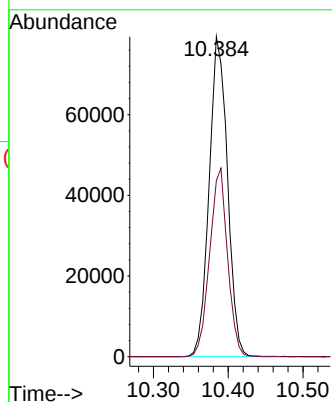
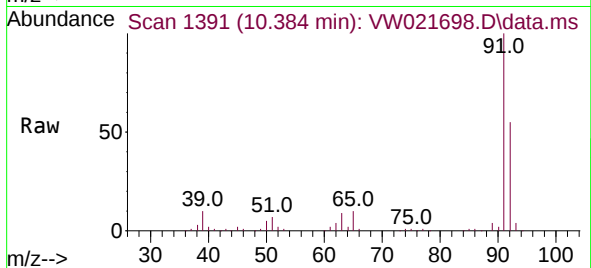
ClientSampleId :

Tgt Ion: 91 Resp: 135427

Ion Ratio Lower Upper

91 100

92 55.0 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 24.040 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021698.D

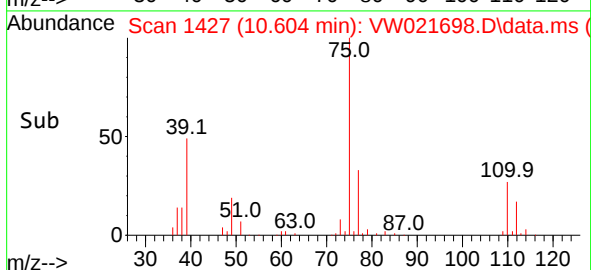
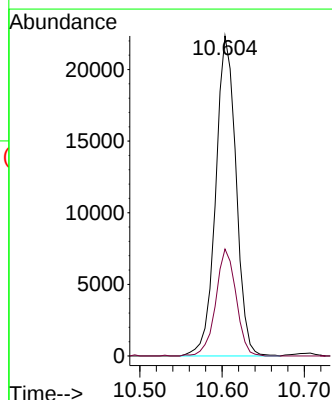
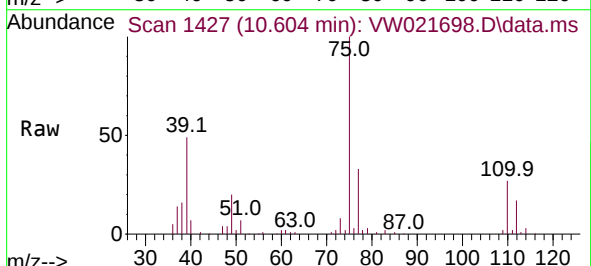
Acq: 29 Dec 2021 18:50

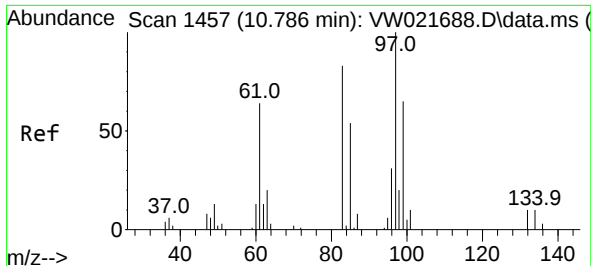
Tgt Ion: 75 Resp: 38431

Ion Ratio Lower Upper

75 100

77 33.4 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 23.969 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 21680

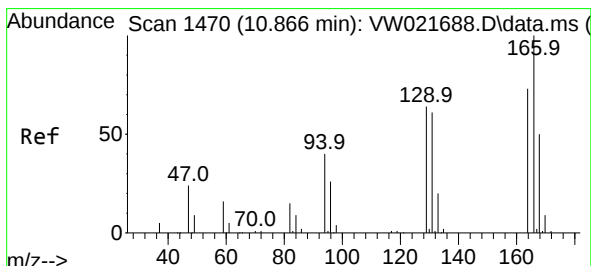
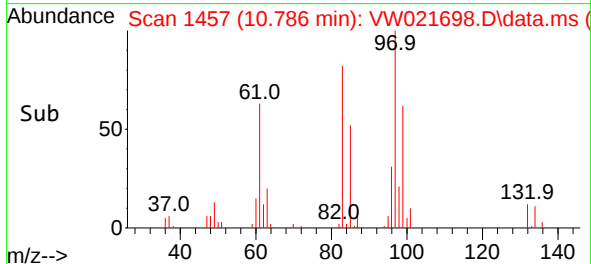
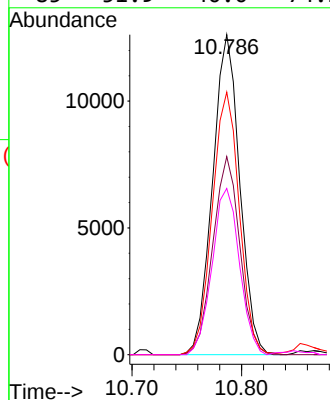
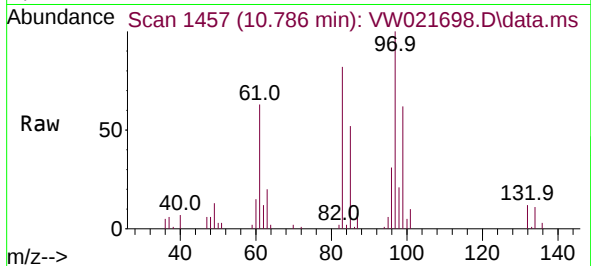
Ion Ratio Lower Upper

97 100

99 61.9 43.0 79.8

83 82.0 62.6 116.3

85 51.9 40.0 74.2



#46

Tetrachloroethene

Concen: 23.352 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Tgt Ion:164 Resp: 30504

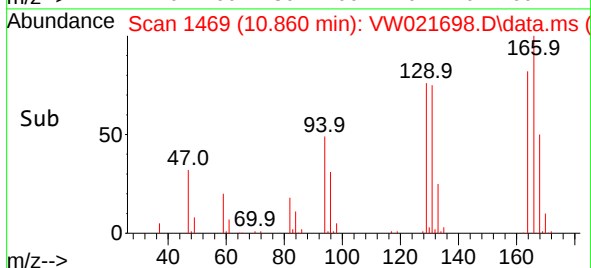
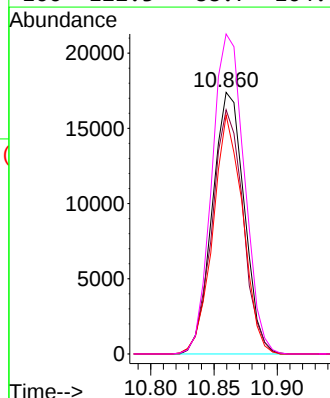
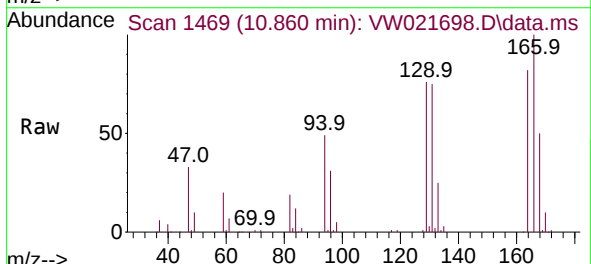
Ion Ratio Lower Upper

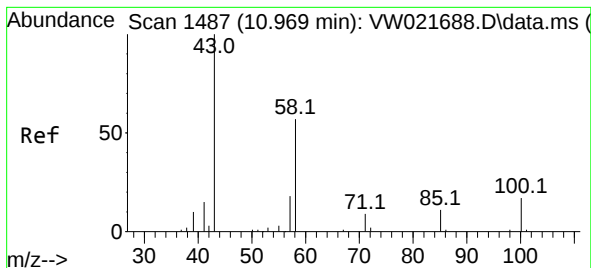
164 100

129 93.3 65.5 121.7

131 91.3 59.7 110.9

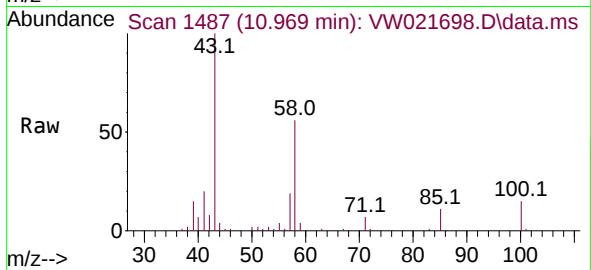
166 122.3 88.7 164.7



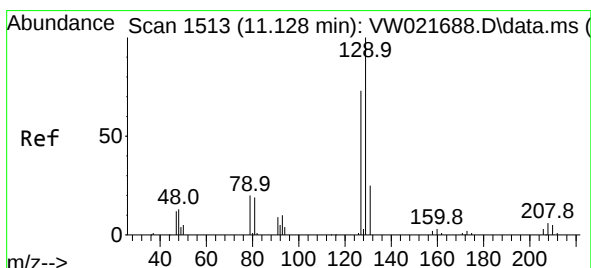
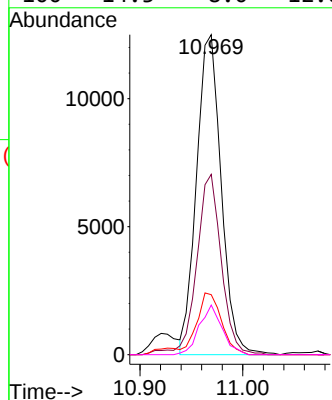
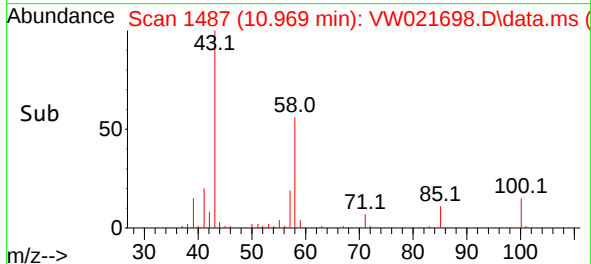


#48
2-Hexanone
Concen: 51.342 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Instrument :
MSVOA_W
ClientSampleId :

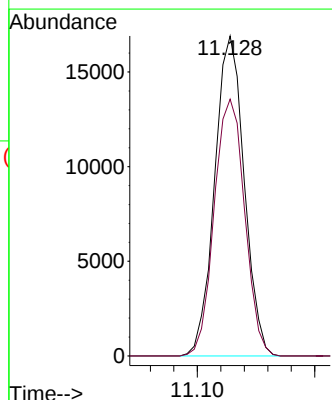
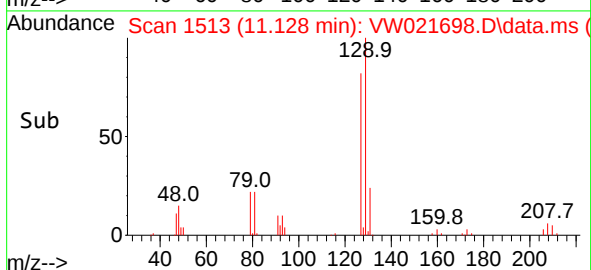
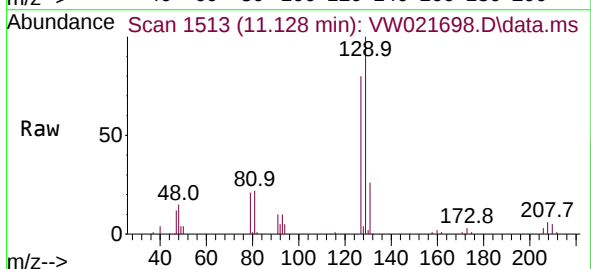


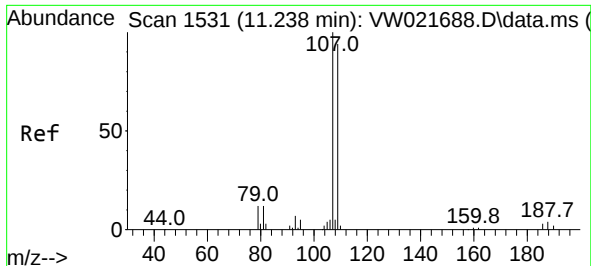
Tgt Ion: 43 Resp: 20916
Ion Ratio Lower Upper
43 100
58 55.0 40.2 60.2
57 19.2 14.3 21.5
100 14.3 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.301 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion: 129 Resp: 29532
Ion Ratio Lower Upper
129 100
127 80.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 24.582 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

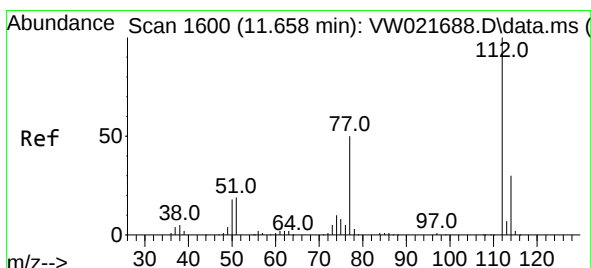
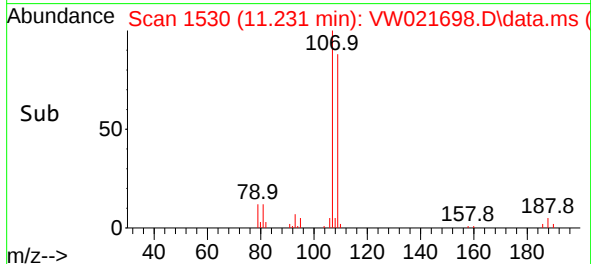
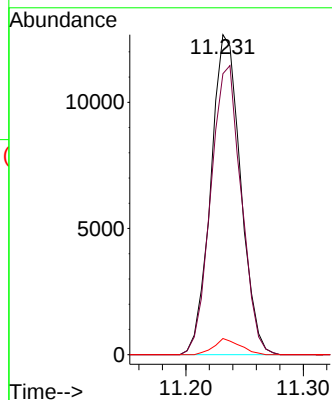
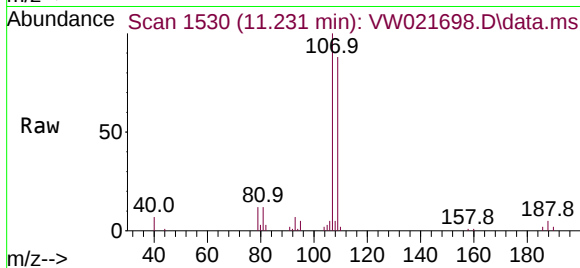
Tgt Ion:107 Resp: 22331

Ion Ratio Lower Upper

107 100

109 87.8 64.1 119.1

188 5.1 2.6 3.8#



#51

Chlorobenzene

Concen: 23.809 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

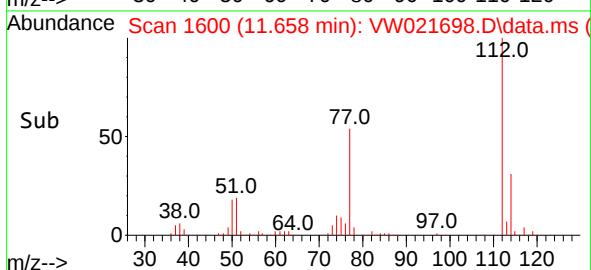
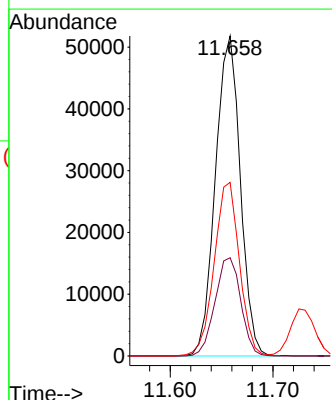
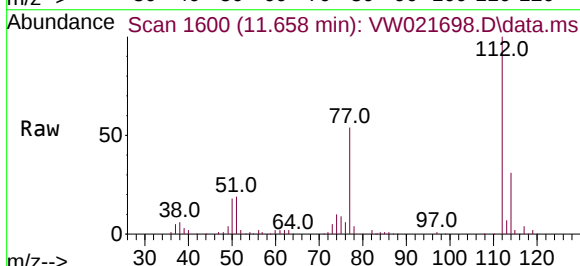
Tgt Ion:112 Resp: 87138

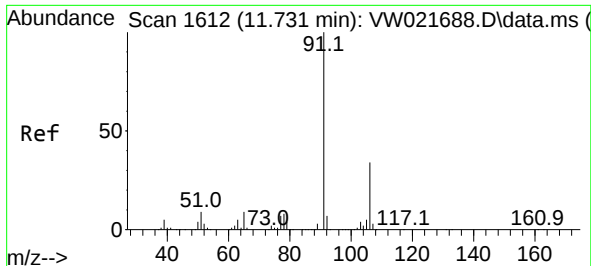
Ion Ratio Lower Upper

112 100

114 30.7 22.4 41.6

77 54.3 50.2 75.4





#52

Ethylbenzene

Concen: 23.173 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

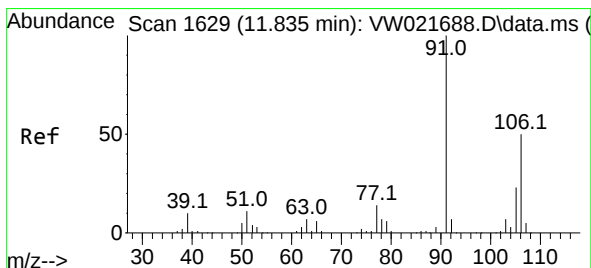
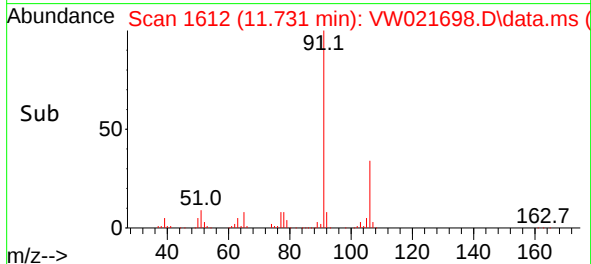
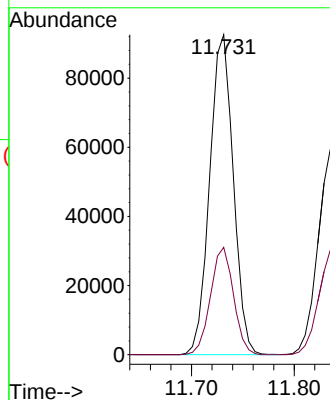
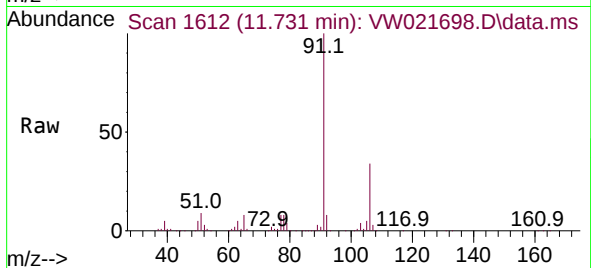
ClientSampleId :

Tgt Ion: 91 Resp: 147546

Ion Ratio Lower Upper

91 100

106 33.6 21.5 39.9



#53

m,p-Xylene

Concen: 22.826 ug/L

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021698.D

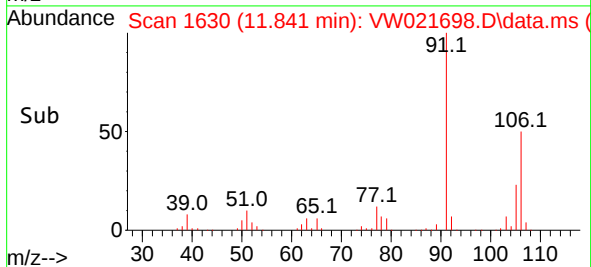
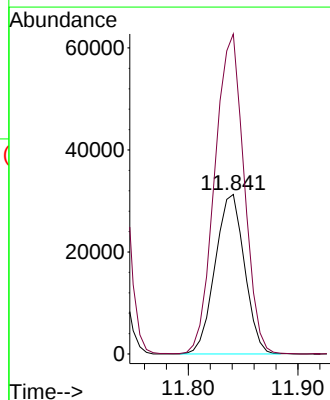
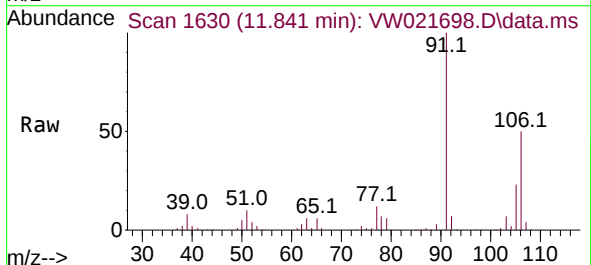
Acq: 29 Dec 2021 18:50

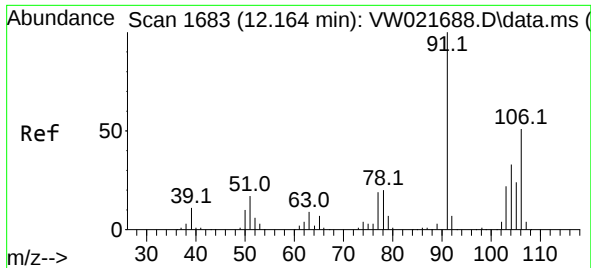
Tgt Ion:106 Resp: 58235

Ion Ratio Lower Upper

106 100

91 200.6 149.9 278.3

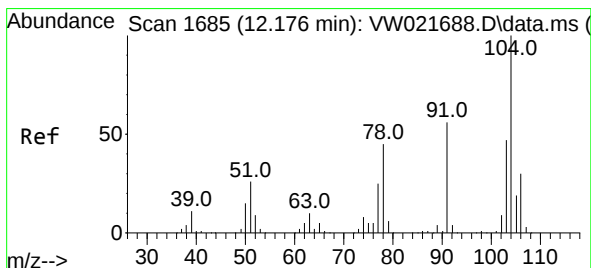
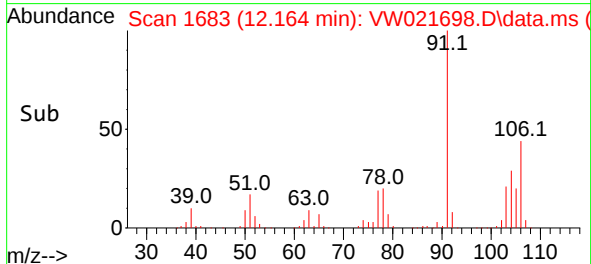
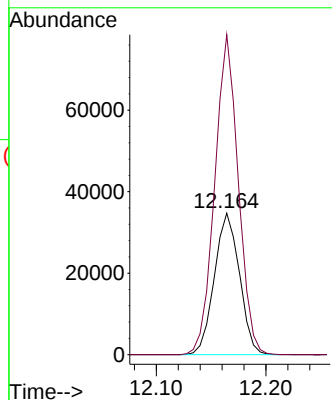
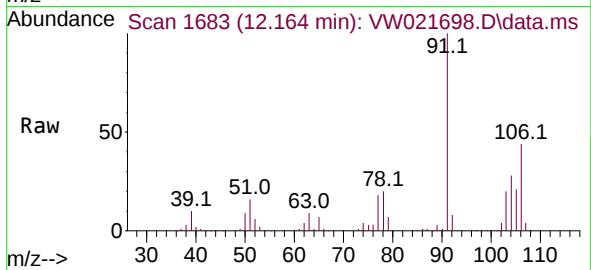




#54
o-Xylene
Concen: 22.819 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

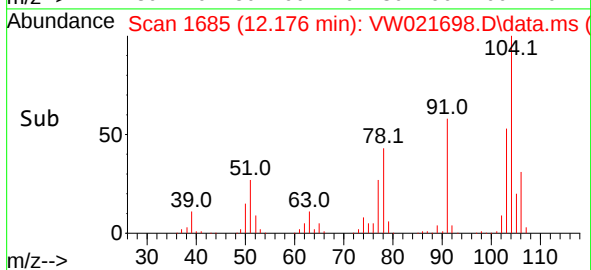
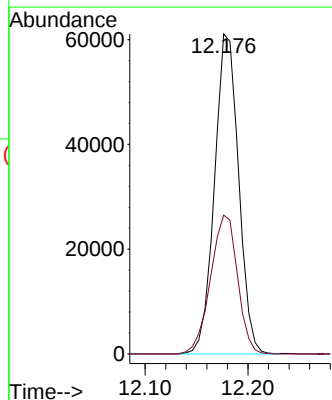
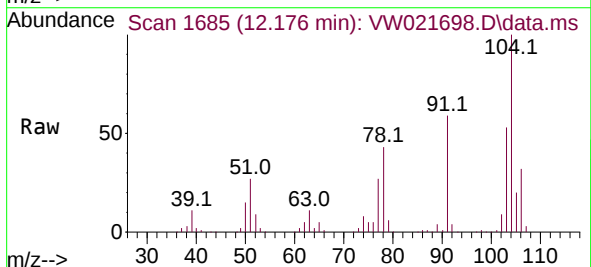
Instrument :
MSVOA_W
ClientSampleId :

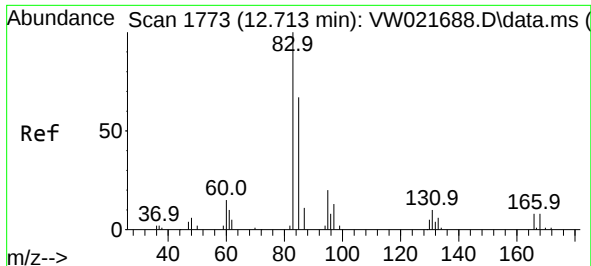
Tgt Ion:106 Resp: 55178
Ion Ratio Lower Upper
106 100
91 226.3 153.6 285.3



#55
Styrene
Concen: 23.967 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion:104 Resp: 99530
Ion Ratio Lower Upper
104 100
78 43.4 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.819 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

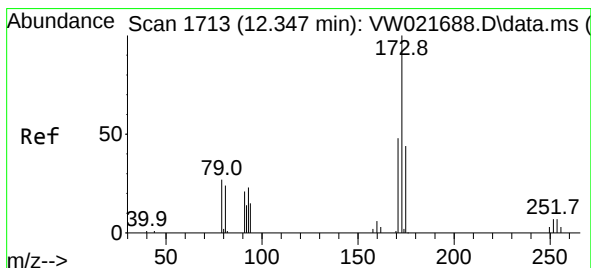
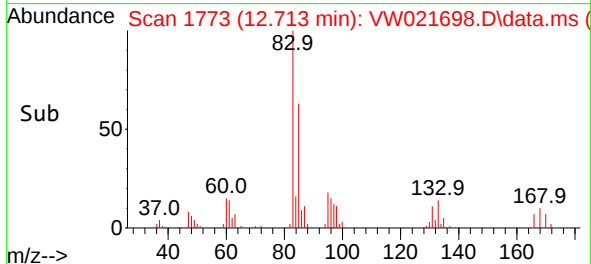
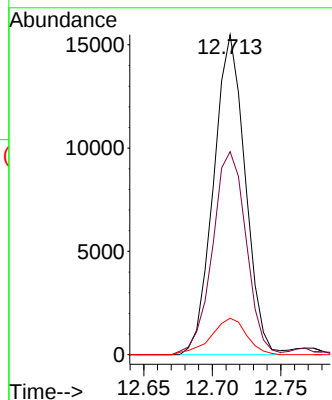
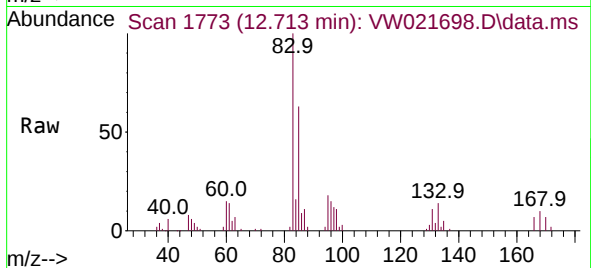
Tgt Ion: 83 Resp: 24832

Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.6

131 11.4 6.9 10.3#



#59

Bromoform

Concen: 26.278 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

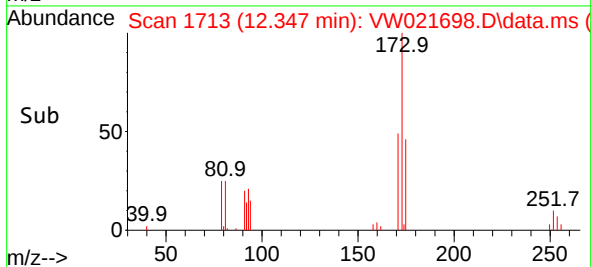
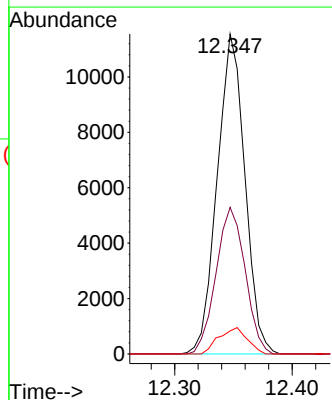
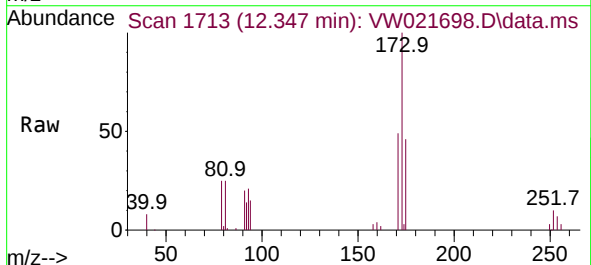
Tgt Ion:173 Resp: 18907

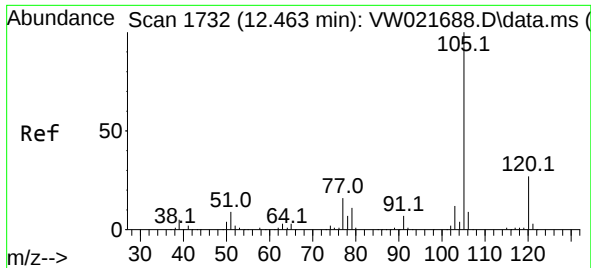
Ion Ratio Lower Upper

173 100

175 48.1 39.6 59.4

254 8.4 7.4 11.0

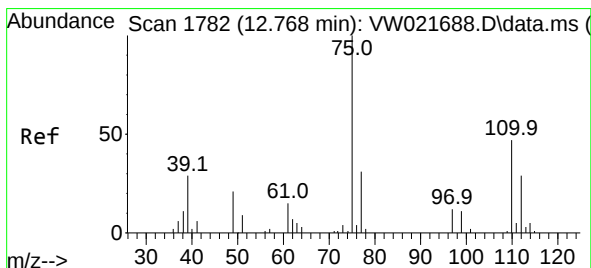
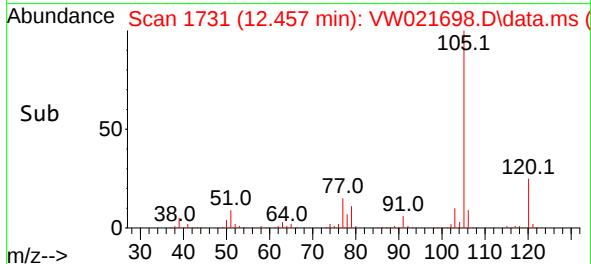
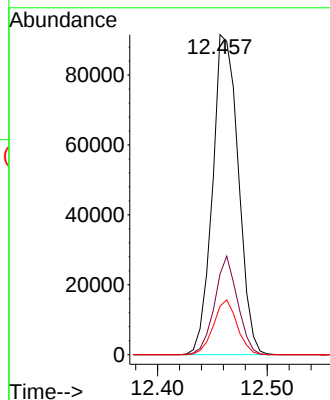
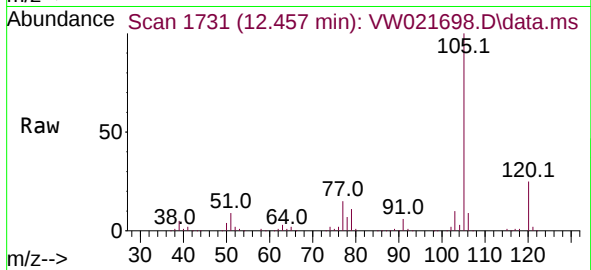




#60
Isopropylbenzene
Concen: 21.820 ug/L
RT: 12.457 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

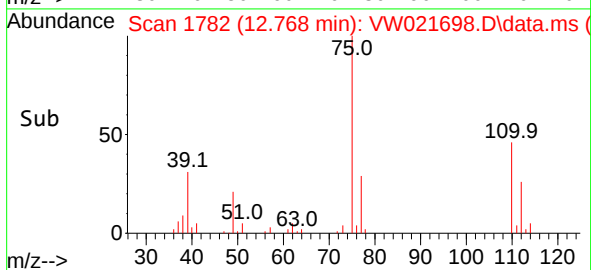
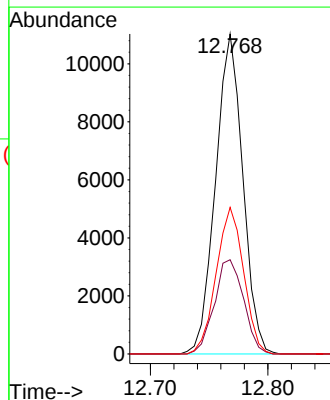
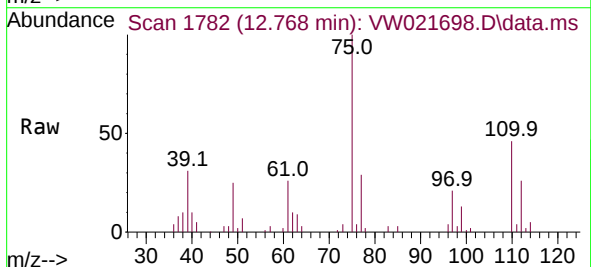
Instrument :
MSVOA_W
ClientSampleId :

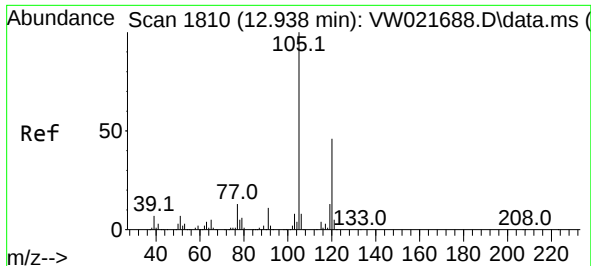
Tgt Ion:105 Resp: 149954
Ion Ratio Lower Upper
105 100
120 27.3 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.586 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion: 75 Resp: 17793
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8
110 46.0 29.0 43.4#

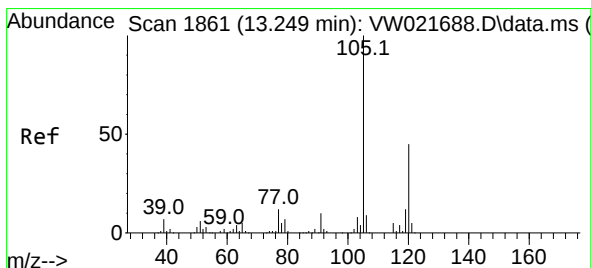
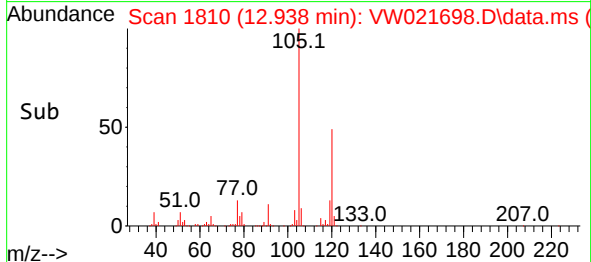
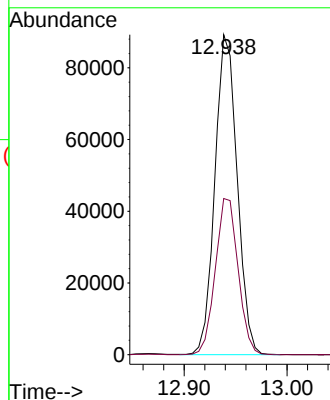
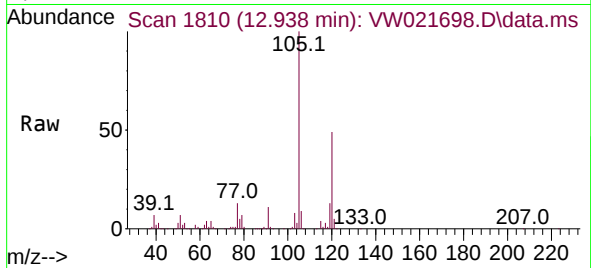




#62
 1,3,5-Trimethylbenzene
 Concen: 23.121 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW021698.D
 Acq: 29 Dec 2021 18:50

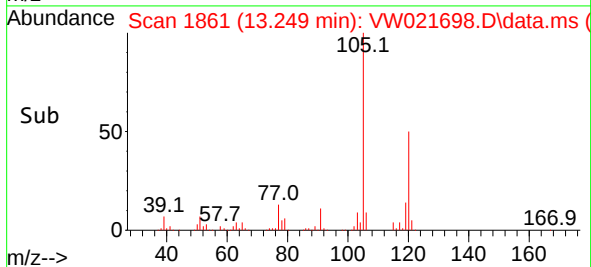
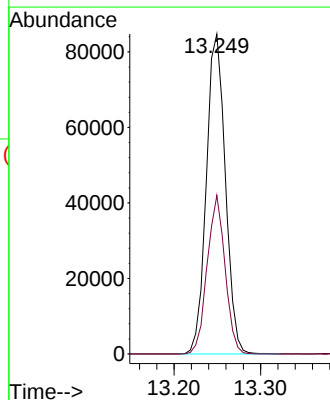
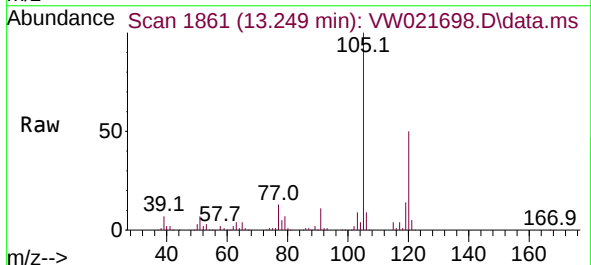
Instrument :
 MSVOA_W
 ClientSampleId :

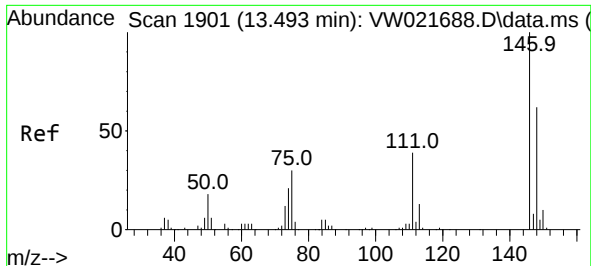
Tgt Ion:105 Resp: 134334
 Ion Ratio Lower Upper
 105 100
 120 49.8 37.4 56.2



#63
 1,2,4-Trimethylbenzene
 Concen: 22.399 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW021698.D
 Acq: 29 Dec 2021 18:50

Tgt Ion:105 Resp: 129273
 Ion Ratio Lower Upper
 105 100
 120 46.6 35.0 52.6

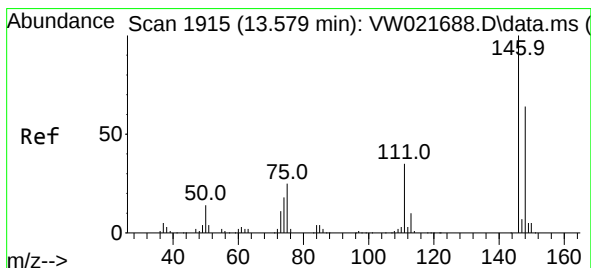
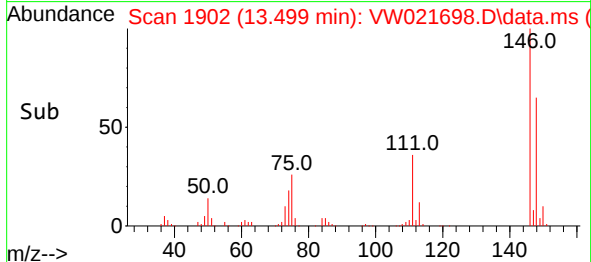
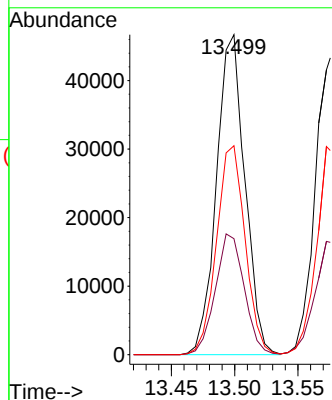
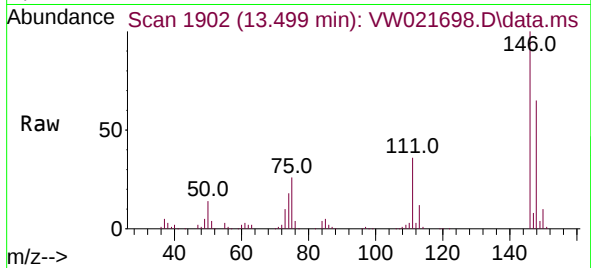




#64
1,3-Dichlorobenzene
Concen: 22.486 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

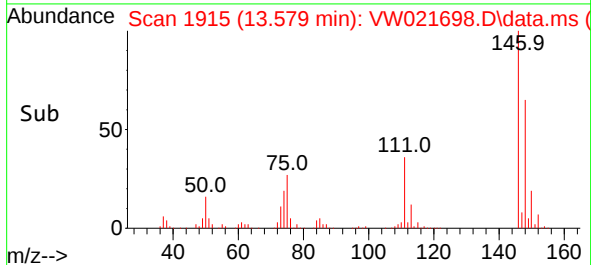
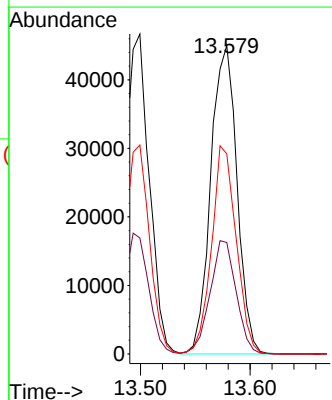
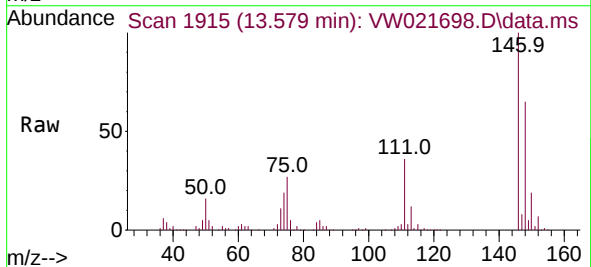
Instrument :
MSVOA_W
ClientSampleId :

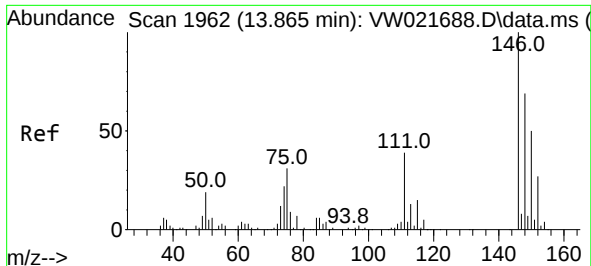
Tgt Ion:146 Resp: 72963
Ion Ratio Lower Upper
146 100
111 36.3 29.8 55.3
148 65.3 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.120 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021698.D
Acq: 29 Dec 2021 18:50

Tgt Ion:146 Resp: 74803
Ion Ratio Lower Upper
146 100
111 36.1 29.0 53.9
148 64.9 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.311 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

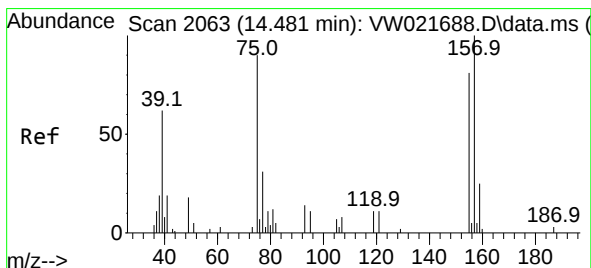
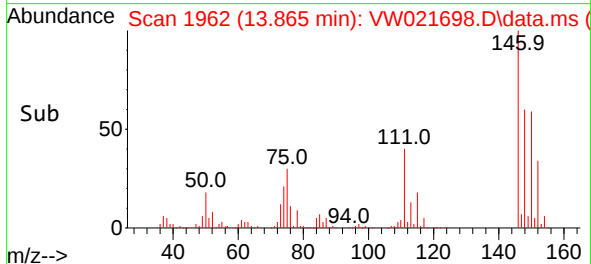
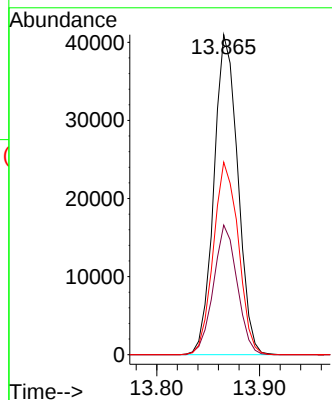
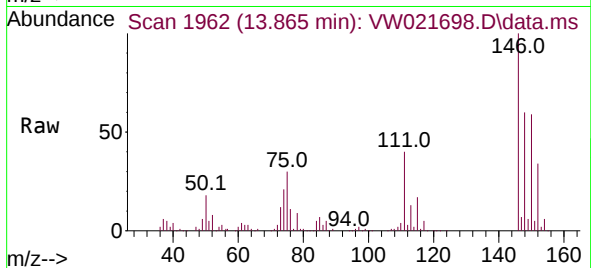
Tgt Ion:146 Resp: 66037

Ion Ratio Lower Upper

146 100

111 40.5 33.1 49.7

148 60.2 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.351 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

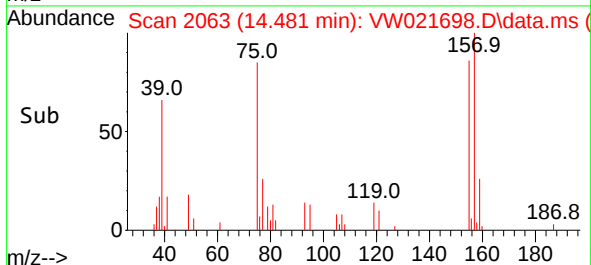
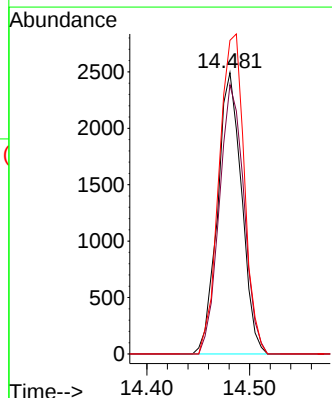
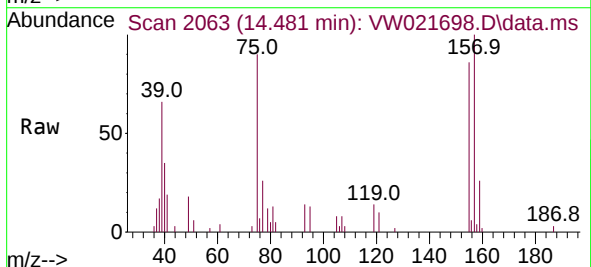
Tgt Ion: 75 Resp: 4045

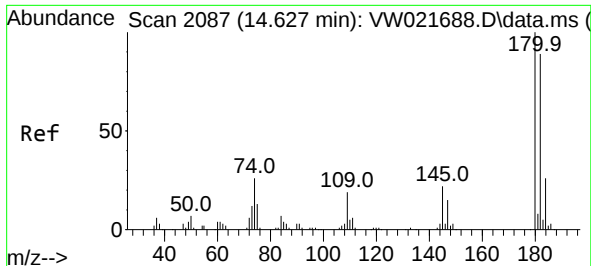
Ion Ratio Lower Upper

75 100

155 95.7 54.2 81.2#

157 111.5 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 23.247 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

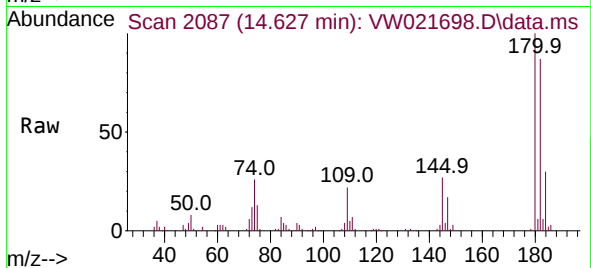
Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 55412

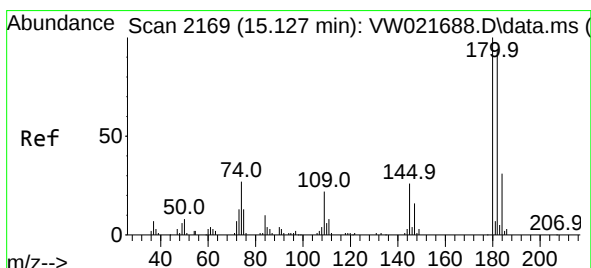
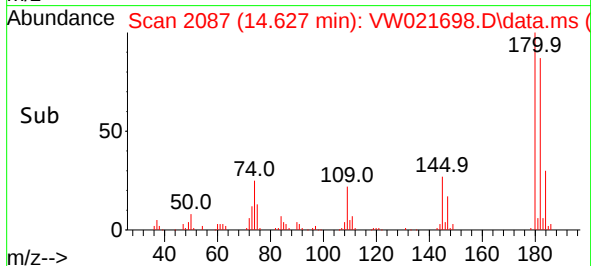
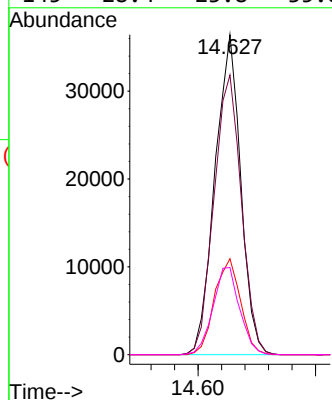
Ion Ratio Lower Upper

180 100

182 92.9 75.4 113.0

184 30.5 23.8 35.8

145 28.4 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 22.683 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

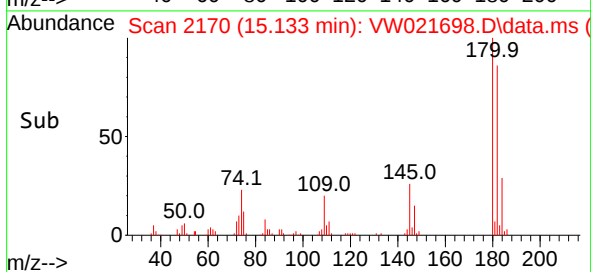
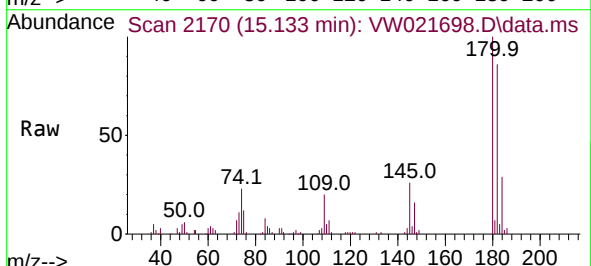
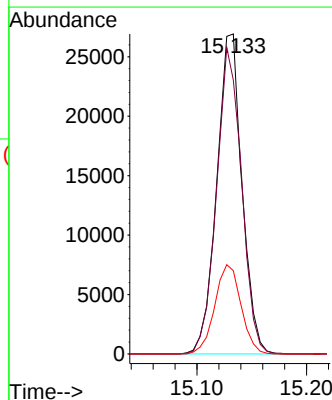
Tgt Ion:180 Resp: 43157

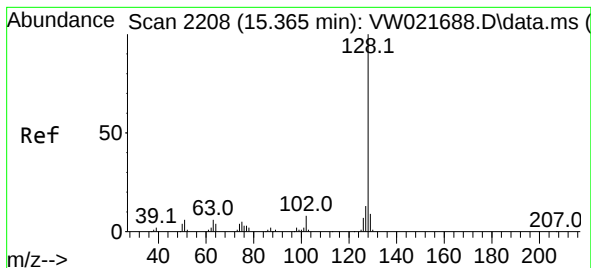
Ion Ratio Lower Upper

180 100

182 94.6 79.0 118.6

145 28.9 26.0 39.0





#71

Naphthalene

Concen: 21.868 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Instrument :

MSVOA_W

ClientSampleId :

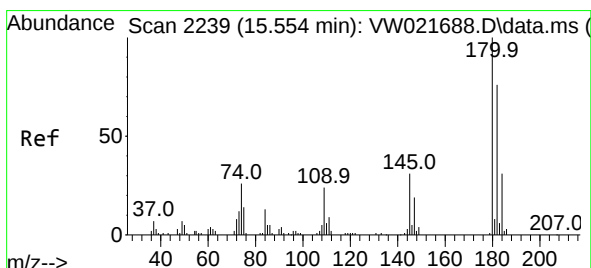
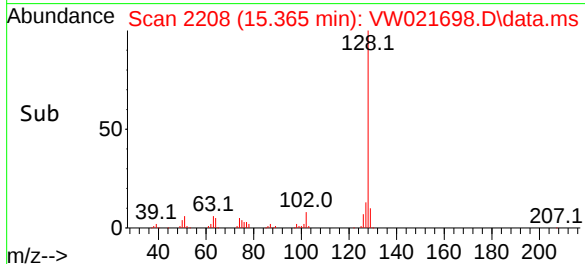
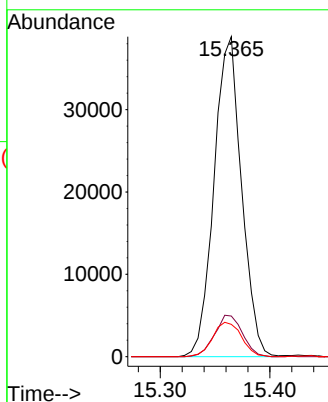
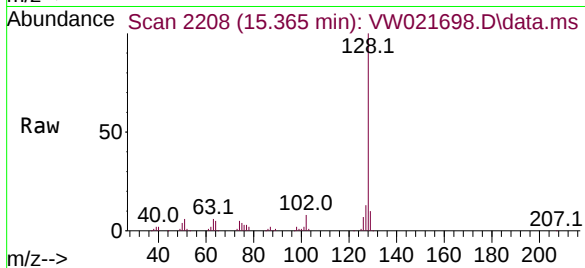
Tgt Ion:128 Resp: 67697

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 11.3 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 21.825 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021698.D

Acq: 29 Dec 2021 18:50

Tgt Ion:180 Resp: 34955

Ion Ratio Lower Upper

180 100

182 96.4 76.6 114.8

145 31.2 27.4 41.0

