

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
 Data File : VW021734.D
 Acq On : 05 Jan 2022 16:32
 Operator : SY/VA
 Sample : VW0105SBL01
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0105SBL01

Quant Time: Jan 06 05:51:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

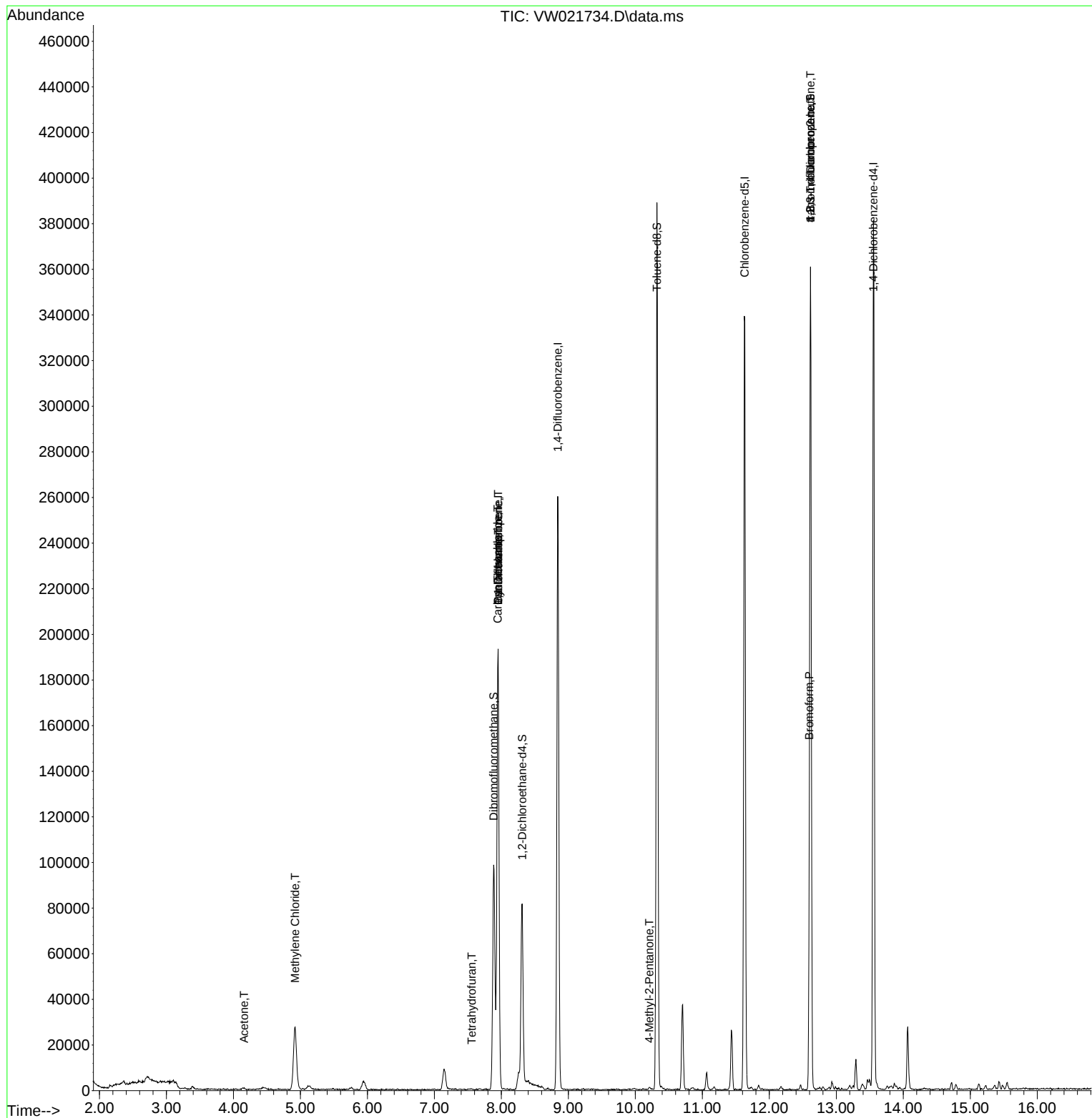
Internal Standards						
1) Pentafluorobenzene	7.951	168	145050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	231108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	206436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	105307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	65217	51.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.020%	
35) Dibromofluoromethane	7.884	113	68875	47.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.760%	
50) Toluene-d8	10.323	98	257013	49.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.740%	
62) 4-Bromofluorobenzene	12.615	95	94301	48.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.129	59	1558	Below Cal	#	84
13) Acrolein	3.848	56	20	Below Cal	#	11
16) Acetone	4.159	43	1362	5.642	ug/l #	85
20) Methylene Chloride	4.921	84	21895	4.186	ug/l	93
29) Tetrahydrofuran	7.555	42	248	1.357	ug/l #	31
31) Cyclohexane	7.951	56	2857	1.285	ug/l #	16
36) 1,1-Dichloropropene	7.951	75	9928	4.856	ug/l #	49
38) Carbon Tetrachloride	7.945	117	14855	6.727	ug/l #	18
51) 4-Methyl-2-Pentanone	10.207	43	839	1.254	ug/l	93
71) Bromoform	12.597	173	59	4.370	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	47481	60.958	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	47481	172.956	ug/l #	9

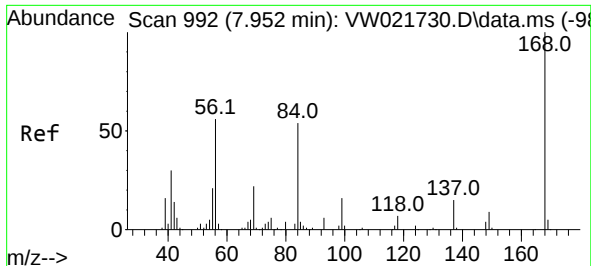
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\
Data File : VW021734.D
Acq On : 05 Jan 2022 16:32
Operator : SY/VA
Sample : VW0105SBL01
Misc : 5.00g/5.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0105SBL01

Quant Time: Jan 06 05:51:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 05 14:56:42 2022
Response via : Initial Calibration

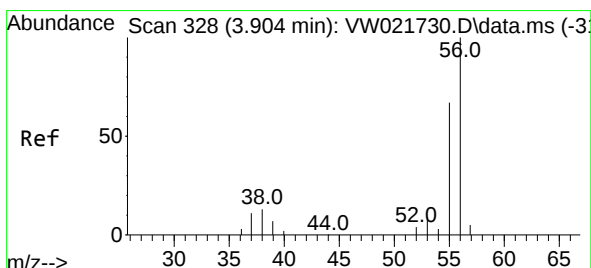
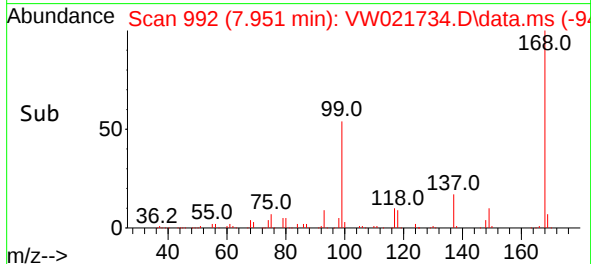
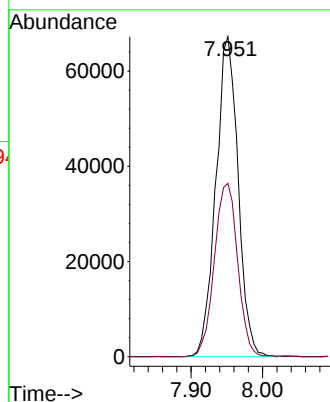
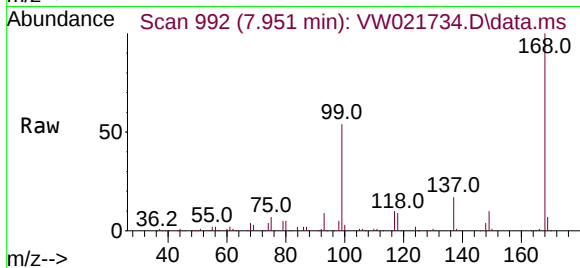




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

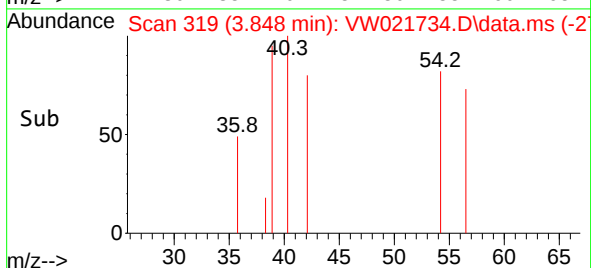
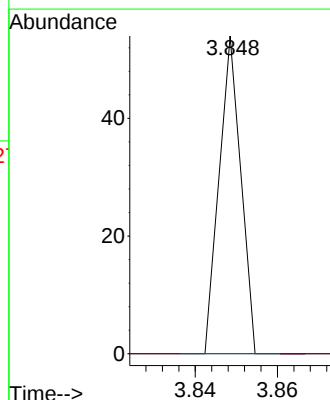
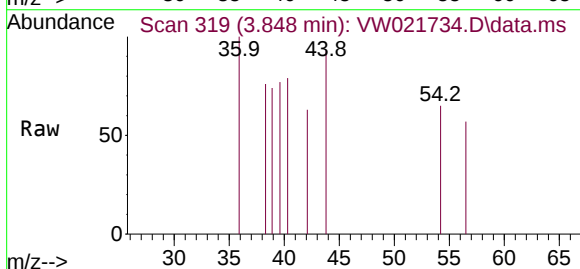
Instrument :
MSVOA_W
ClientSampleId :
VW0105SBL01

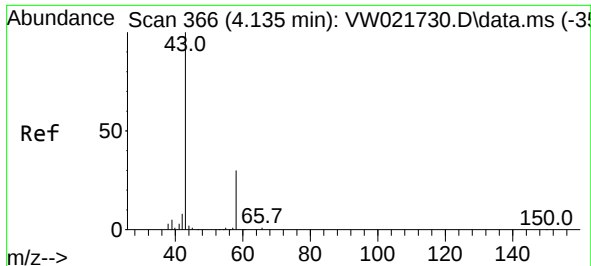
Tgt Ion:168 Resp: 145050
Ion Ratio Lower Upper
168 100
99 54.2 41.6 62.4



#13
Acrolein
Concen: Below Cal
RT: 3.848 min Scan# 319
Delta R.T. -0.043 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 61.2 91.8#





#16

Acetone

Concen: 5.642 ug/l

RT: 4.159 min Scan# 3

Delta R.T. 0.036 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

Instrument :

MSVOA_W

ClientSampleId :

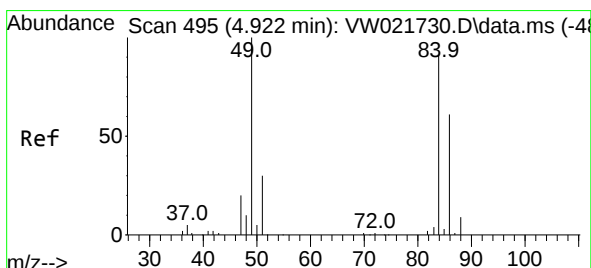
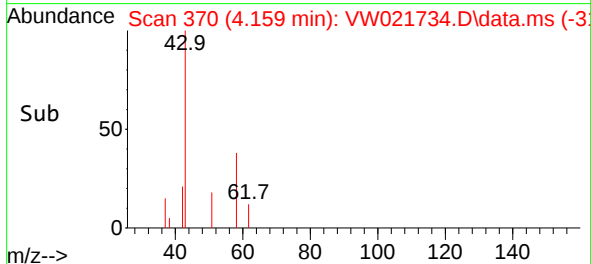
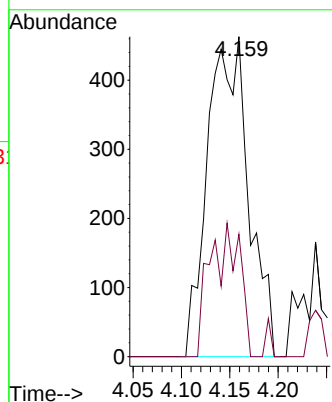
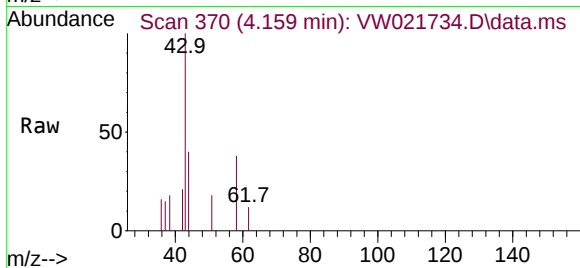
VW0105SBL01

Tgt Ion: 43 Resp: 1362

Ion Ratio Lower Upper

43 100

58 38.2 24.2 36.2#



#20

Methylene Chloride

Concen: 4.186 ug/l

RT: 4.921 min Scan# 495

Delta R.T. 0.012 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

Tgt Ion: 84 Resp: 21895

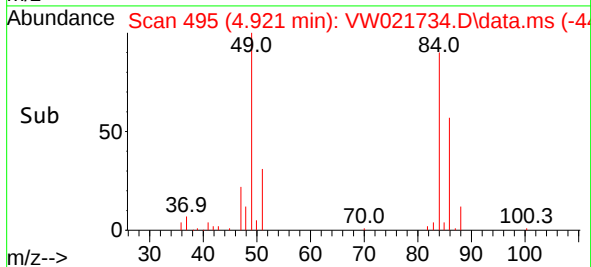
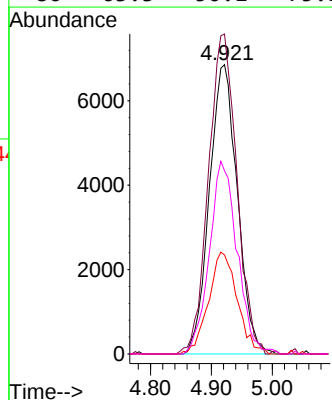
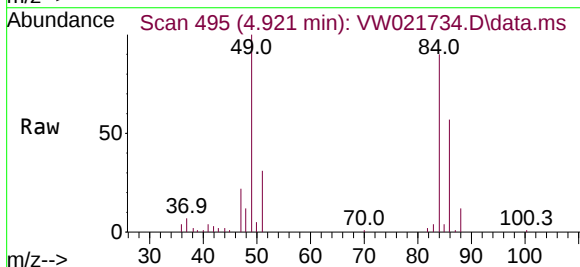
Ion Ratio Lower Upper

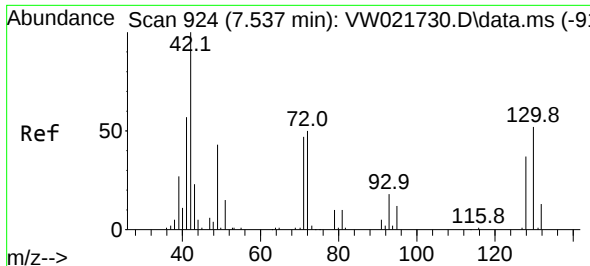
84 100

49 110.6 99.1 148.7

51 34.2 28.8 43.2

86 63.3 50.1 75.1





#29

Tetrahydrofuran

Concen: 1.357 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.018 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW0105SBL01

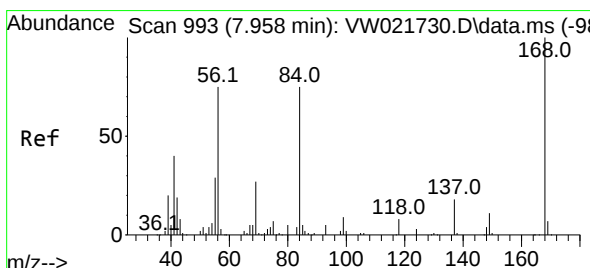
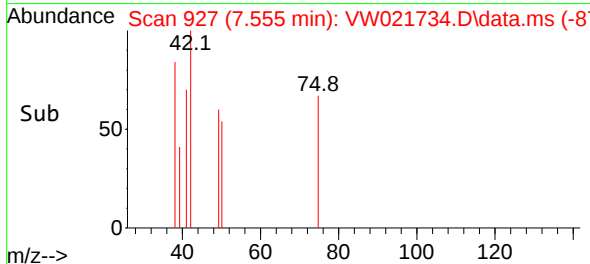
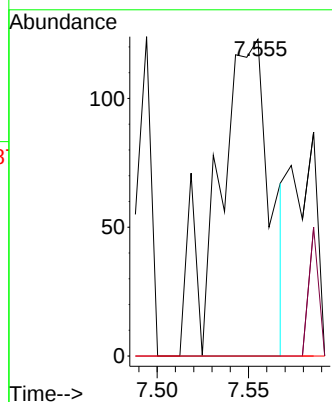
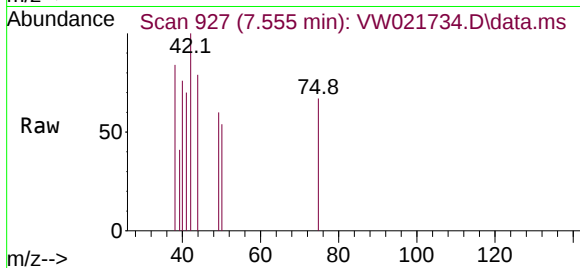
Tgt Ion: 42 Resp: 248

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.285 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

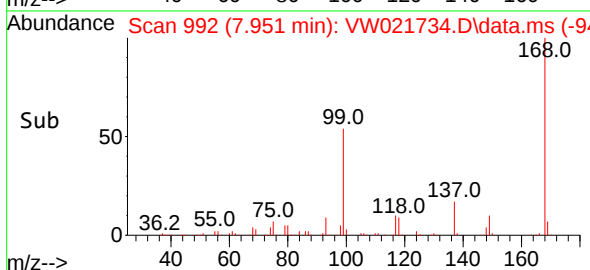
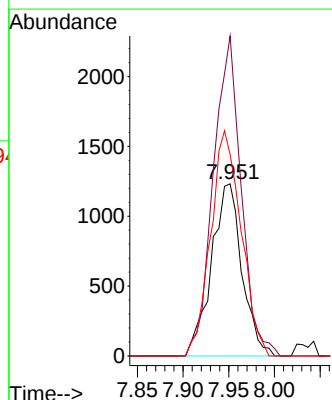
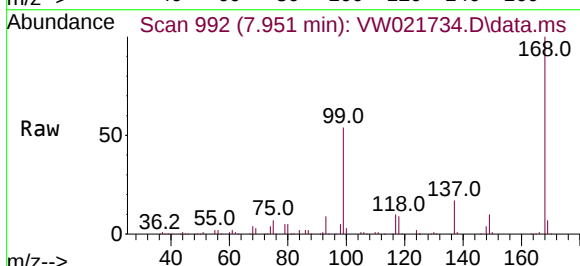
Tgt Ion: 56 Resp: 2857

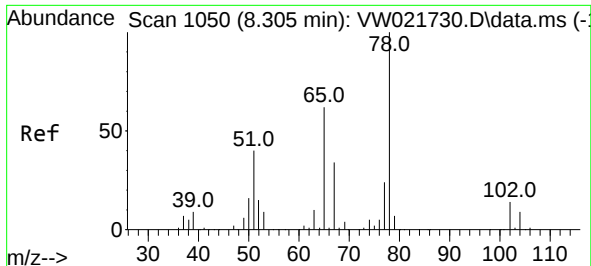
Ion Ratio Lower Upper

56 100

69 186.0 28.7 43.1#

84 117.0 77.6 116.4#

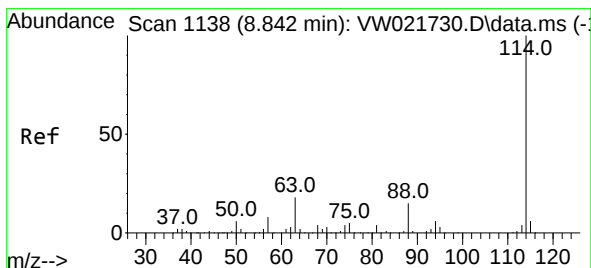
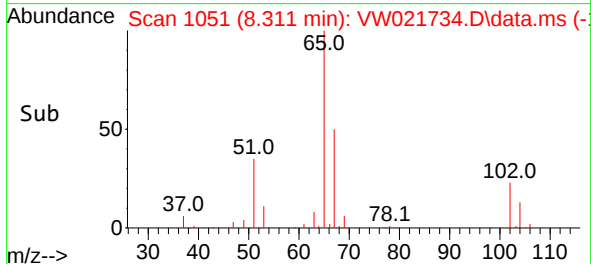
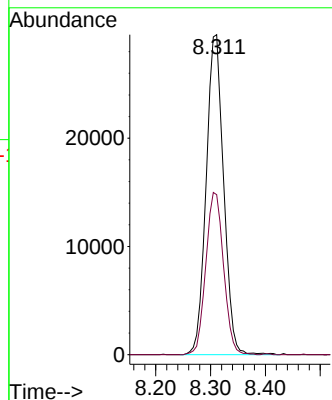
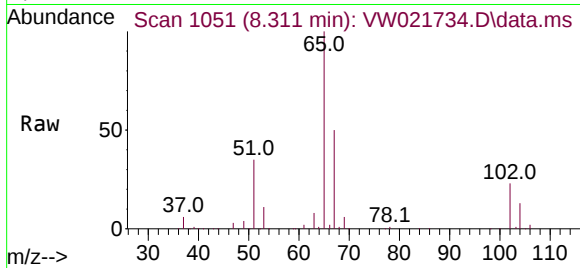




#33
 1,2-Dichloroethane-d4
 Concen: 51.014 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW021734.D
 Acq: 05 Jan 2022 16:32

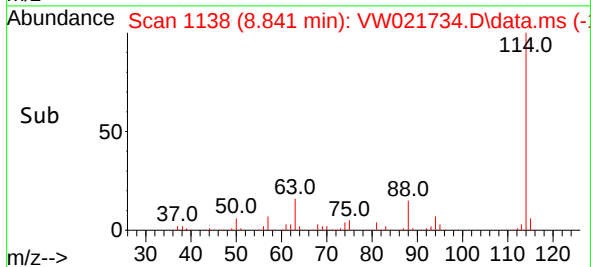
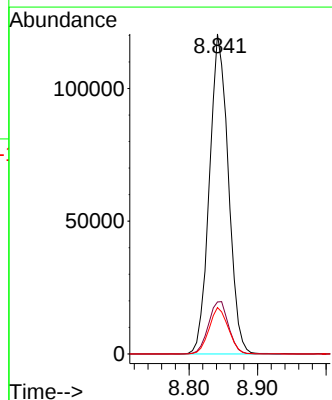
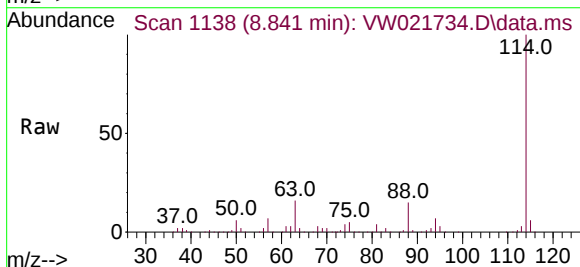
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0105SBL01

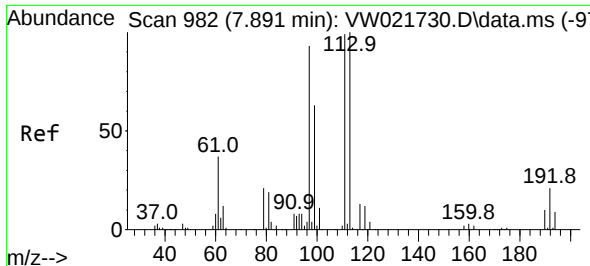
Tgt Ion: 65 Resp: 65217
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.841 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: VW021734.D
 Acq: 05 Jan 2022 16:32

Tgt Ion: 114 Resp: 231108
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 37.2
 88 14.5 0.0 28.8

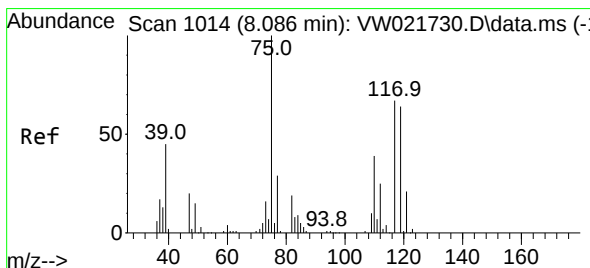
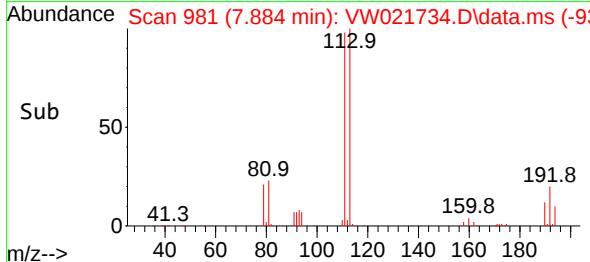
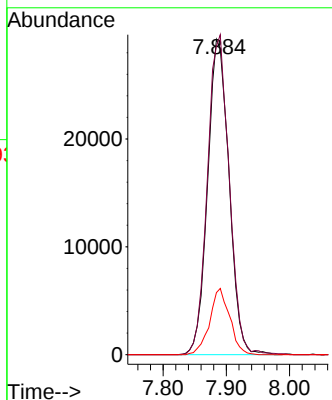
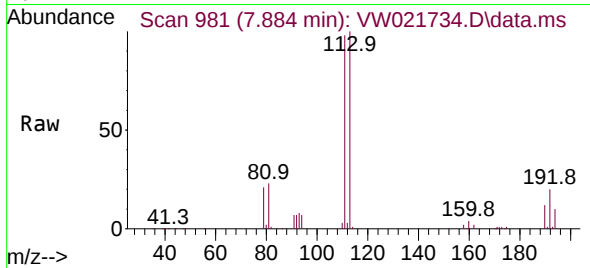




#35
 Dibromofluoromethane
 Concen: 47.883 ug/l
 RT: 7.884 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VW021734.D
 Acq: 05 Jan 2022 16:32

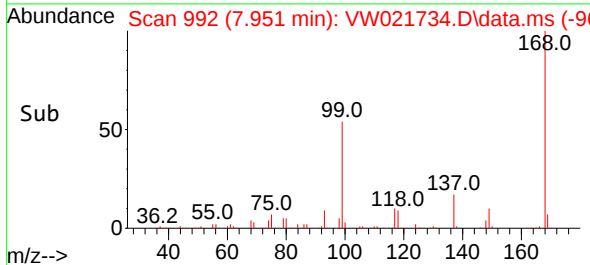
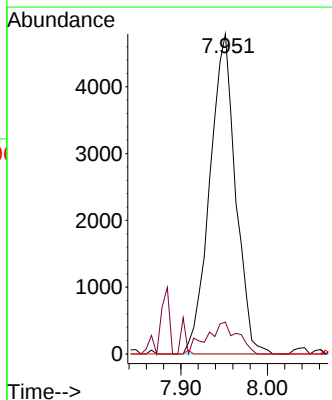
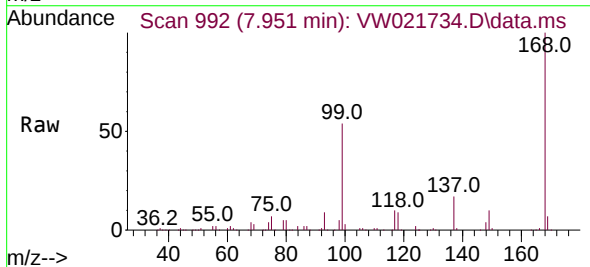
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0105SBL01

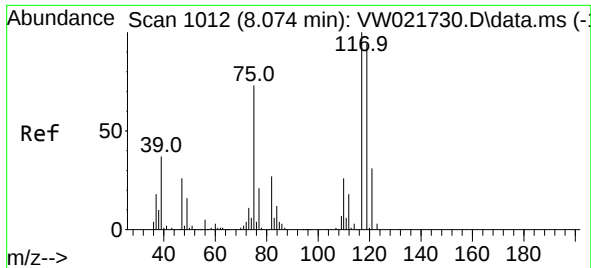
Tgt Ion:	113	Resp:	68875
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.2	121.8
192	19.6	16.8	25.2



#36
 1,1-Dichloropropene
 Concen: 4.856 ug/l
 RT: 7.951 min Scan# 992
 Delta R.T. -0.135 min
 Lab File: VW021734.D
 Acq: 05 Jan 2022 16:32

Tgt Ion:	75	Resp:	9928
Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.1	57.5#
77	0.0	24.8	37.2#

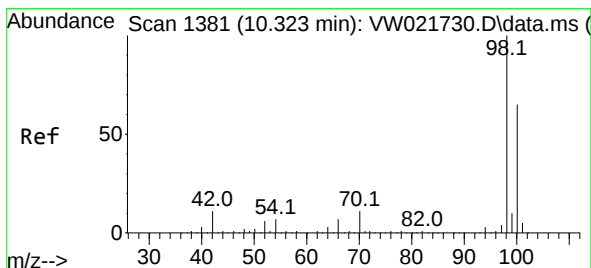
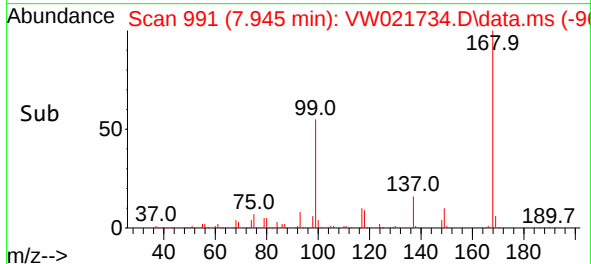
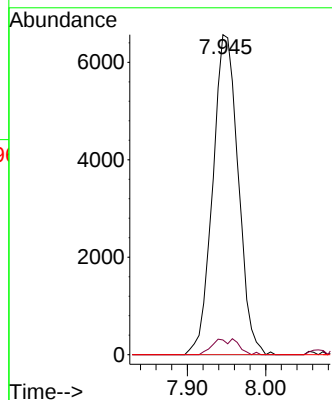
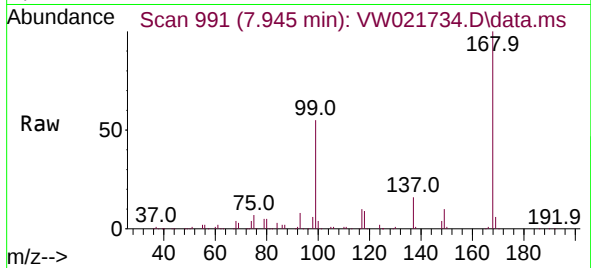




#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.122 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

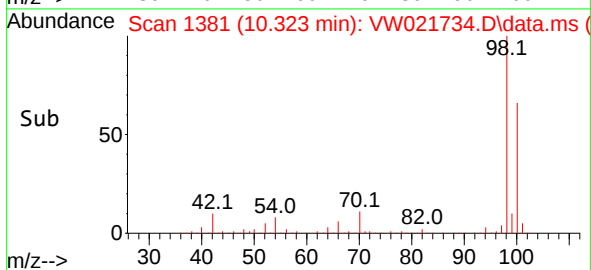
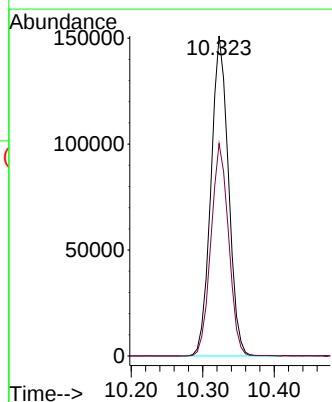
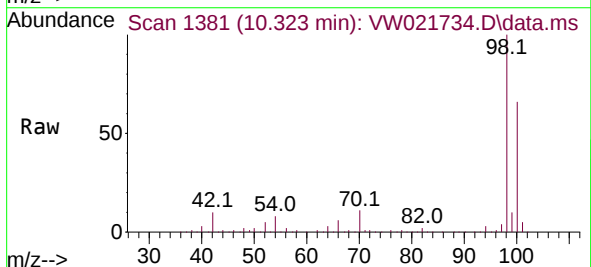
Instrument :
MSVOA_W
ClientSampleId :
VW0105SBL01

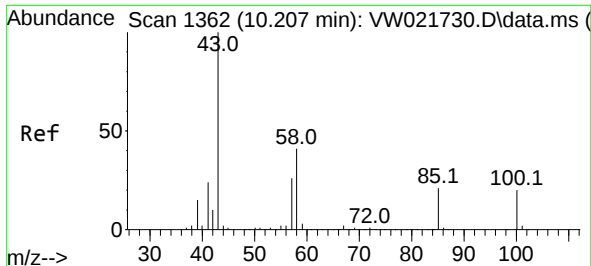
Tgt Ion:117 Resp: 14855
Ion Ratio Lower Upper
117 100
119 4.6 72.0 108.0#
121 0.0 22.6 33.8#



#50
Toluene-d8
Concen: 49.369 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

Tgt Ion: 98 Resp: 257013
Ion Ratio Lower Upper
98 100
100 66.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 1.254 ug/l

RT: 10.207 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

Instrument :

MSVOA_W

ClientSampleId :

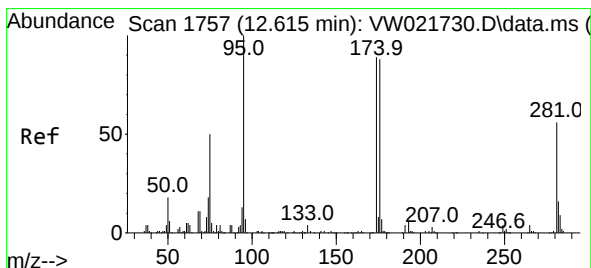
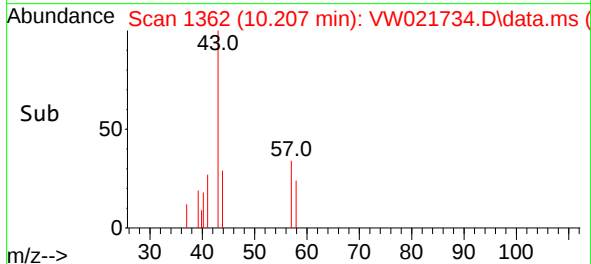
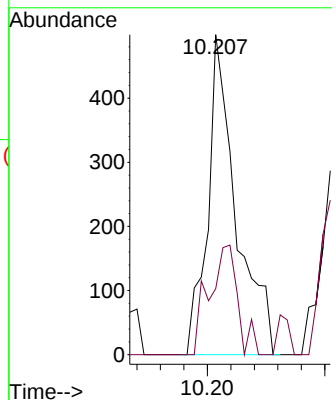
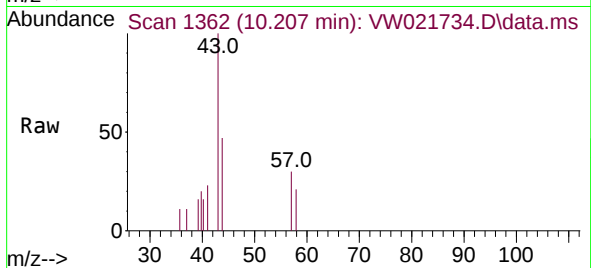
VW0105SBL01

Tgt Ion: 43 Resp: 839

Ion Ratio Lower Upper

43 100

58 34.4 30.9 46.3



#62

4-Bromofluorobenzene

Concen: 48.800 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. 0.000 min

Lab File: VW021734.D

Acq: 05 Jan 2022 16:32

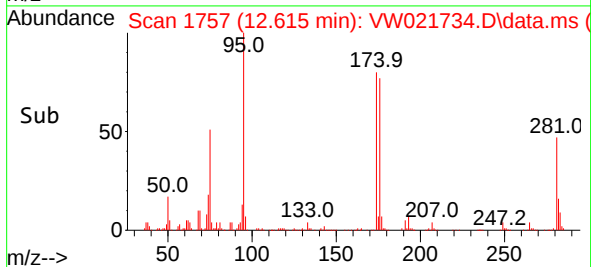
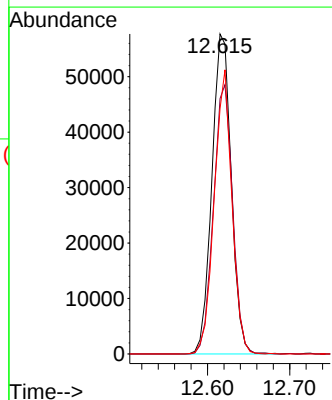
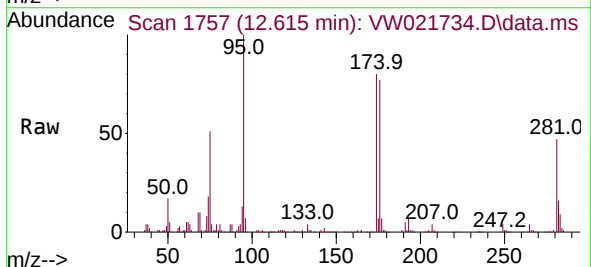
Tgt Ion: 95 Resp: 94301

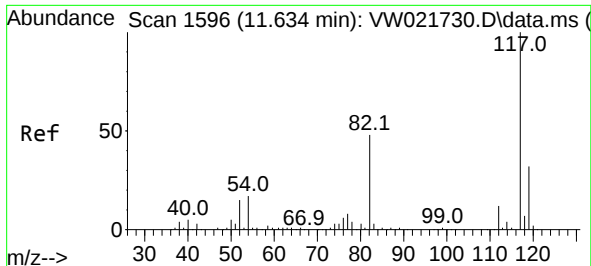
Ion Ratio Lower Upper

95 100

174 83.4 0.0 171.2

176 81.2 0.0 175.4

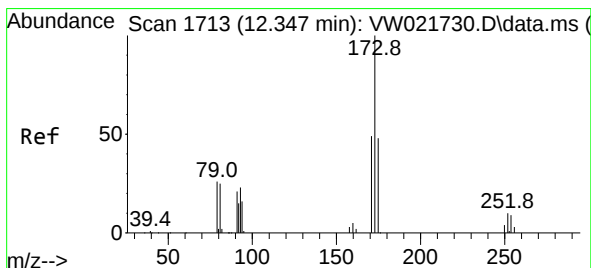
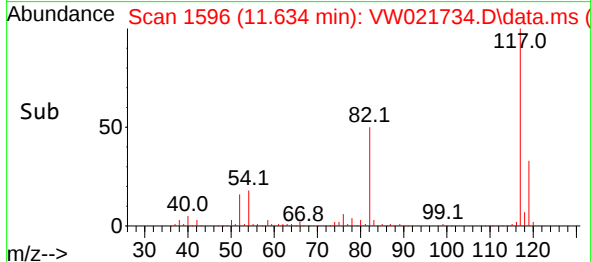
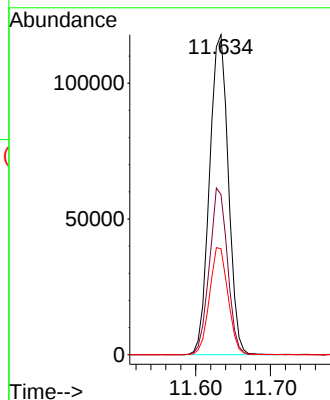
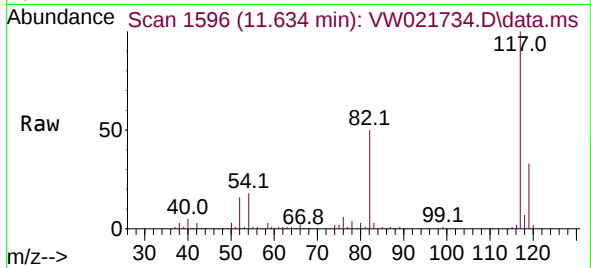




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 117
Delta R.T. 0.006 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

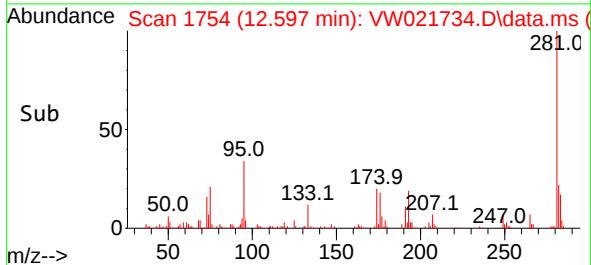
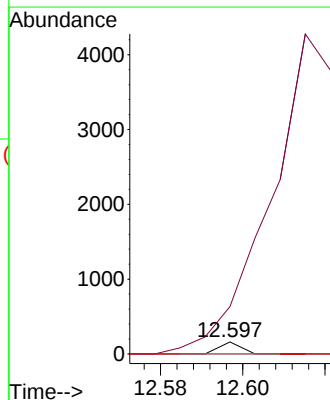
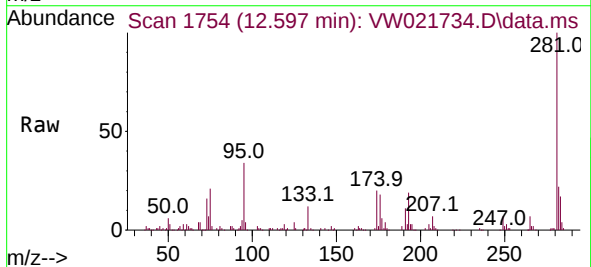
Instrument :
MSVOA_W
ClientSampleId :
VW0105SBL01

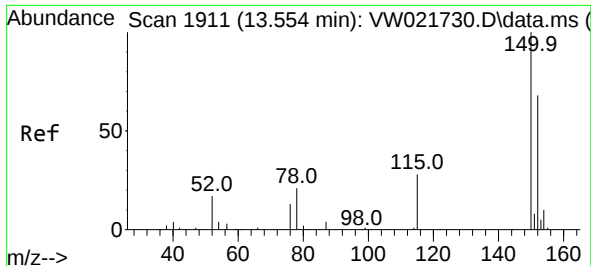
Tgt Ion:117 Resp: 206436
Ion Ratio Lower Upper
117 100
82 50.1 41.4 62.2
119 33.1 27.2 40.8



#71
Bromoform
Concen: 4.370 ug/l
RT: 12.597 min Scan# 1754
Delta R.T. 0.250 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

Tgt Ion:173 Resp: 59
Ion Ratio Lower Upper
173 100
175 8000.0 25.1 75.3#
254 0.0 0.0 0.0

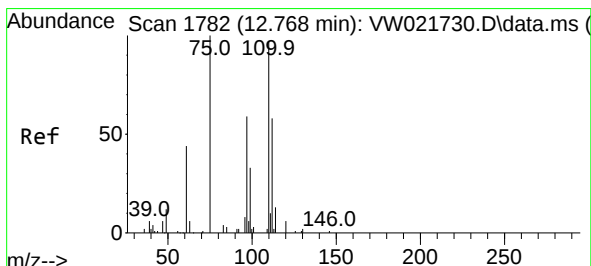
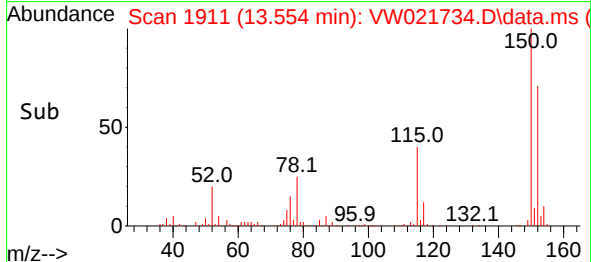
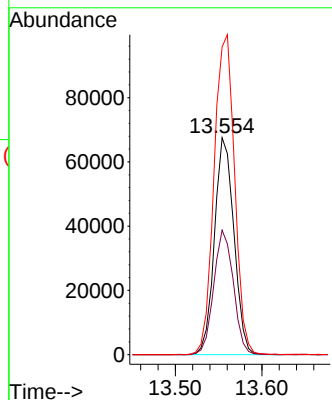
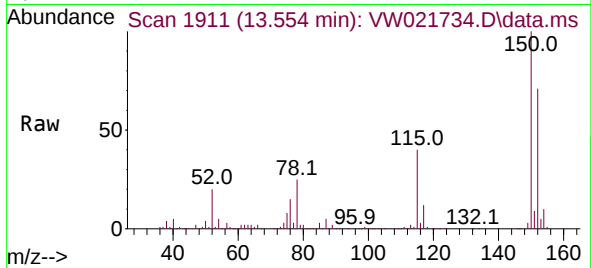




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

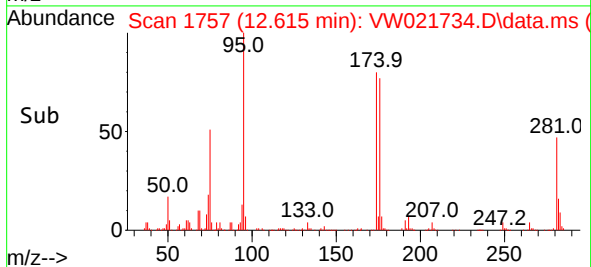
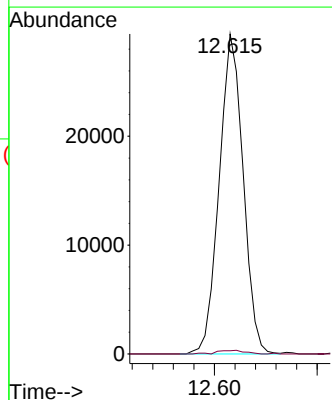
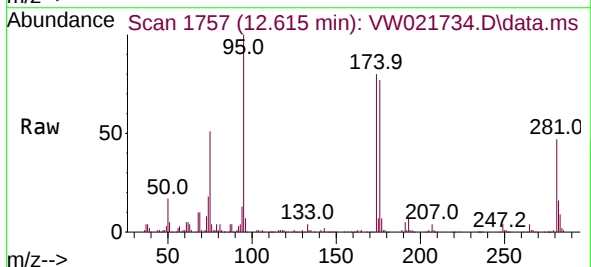
Instrument :
MSVOA_W
ClientSampleId :
VW0105SBL01

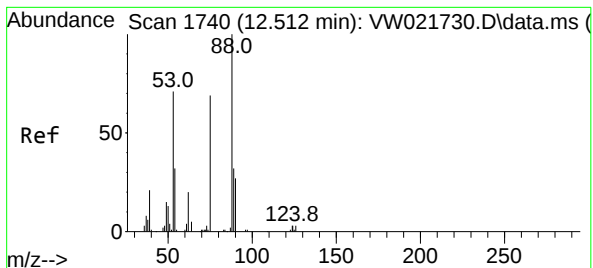
Tgt Ion:152 Resp: 105307
Ion Ratio Lower Upper
152 100
115 58.0 27.8 83.3
150 155.8 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 60.958 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW021734.D
Acq: 05 Jan 2022 16:32

Tgt Ion: 75 Resp: 47481
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 172.956 ug/l
 RT: 12.615 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VW021734.D
 Acq: 05 Jan 2022 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0105SBL01

Tgt Ion: 75 Resp: 47481
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.8 122.8#
 89 0.9 38.6 57.8#

