

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
 Data File : VW001137.D
 Acq On : 29 Jan 2018 23:18
 Operator : JC/SY
 Sample : J1286-03RE
 Misc : 5.15G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

Quant Time: Jan 30 02:13:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	155405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	226681	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	173106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	60564	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	114071	75.50	ug/l	0.00
Spiked Amount			Recovery	=	151.00%	
35) Dibromofluoromethane	7.88	113	81508	56.21	ug/l	0.00
Spiked Amount			Recovery	=	112.42%	
50) Toluene-d8	10.33	98	272048	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
62) 4-Bromofluorobenzene	12.63	95	72210	35.11	ug/l	0.00
Spiked Amount			Recovery	=	70.22%	

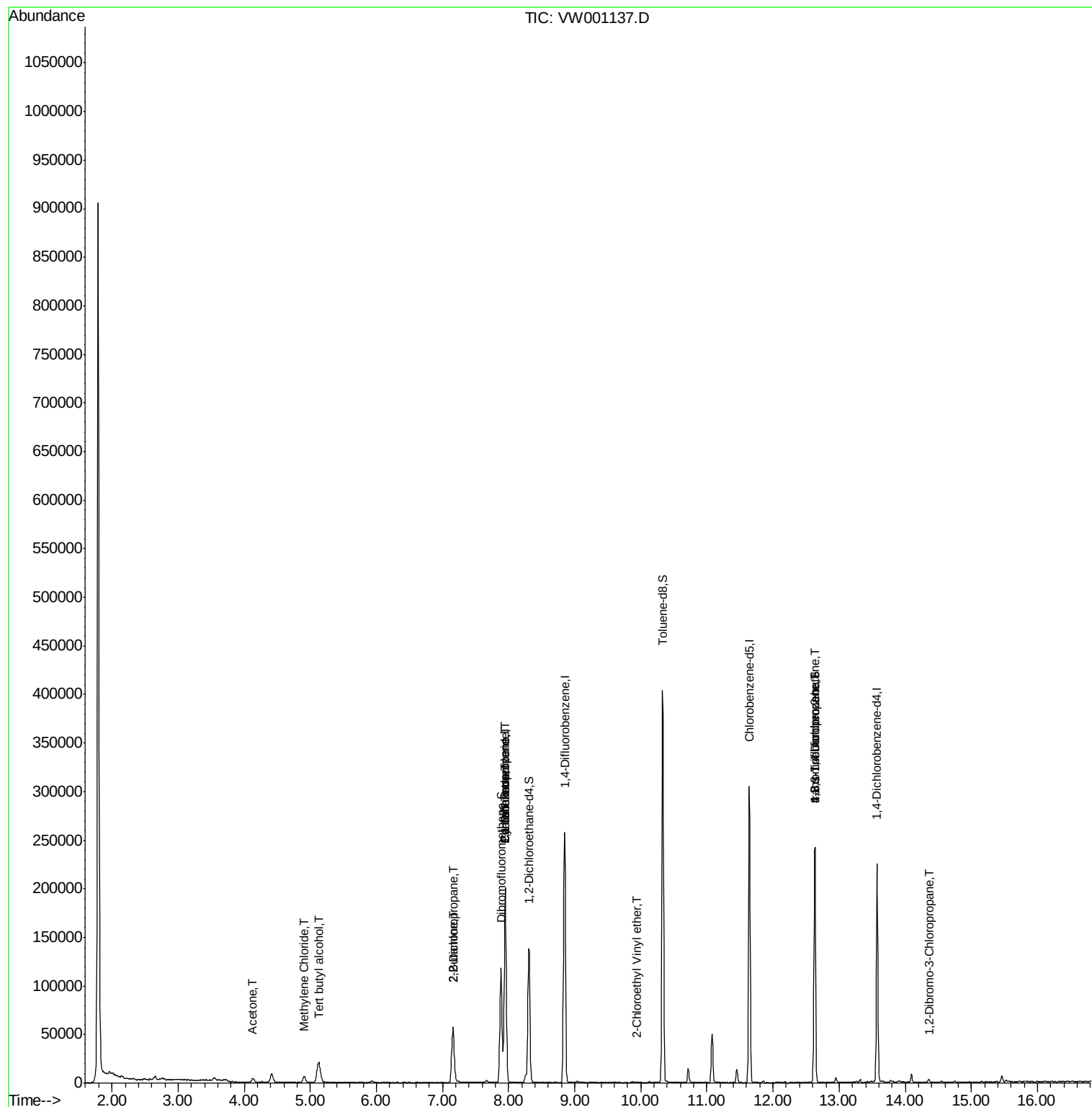
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	906	Below Cal	#	55
11) Tert butyl alcohol	5.12	59	19292	158.93	ug/l #	76
16) Acetone	4.13	43	7158	18.02	ug/l	100
20) Methylene Chloride	4.90	84	4541	1.05	ug/l #	96
25) 2-Butanone	7.16	43	3219	6.17	ug/l #	72
26) 2,2-Dichloropropane	7.16	77	3868	1.69	ug/l #	52
31) Cyclohexane	7.95	56	3150	1.41	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	10424	5.09	ug/l #	49
38) Carbon Tetrachloride	7.95	117	14819	6.48	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.94	63	184	23.58	ug/l #	44
76) 1,2,3-Trichloropropane	12.63	75	36594	59.62	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	36594	156.76	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.35	75	161	1.03	ug/l #	1

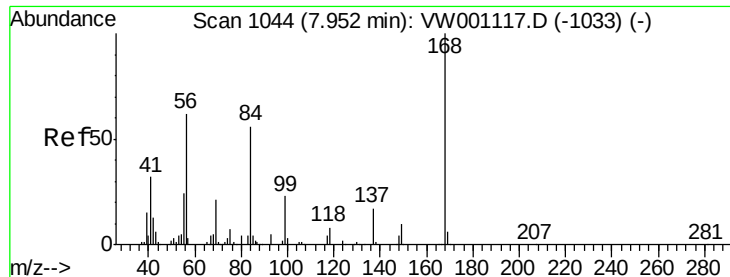
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Data File : VW001137.D
Acq On : 29 Jan 2018 23:18
Operator : JC/SY
Sample : J1286-03RE
Misc : 5.15G/5.0ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GL-WF-01-VO2RE

Quant Time: Jan 30 02:13:11 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 01:11:27 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW001137.D

Acq: 29 Jan 2018 23:18

Instrument :

MSVOA_W

ClientSampleId :

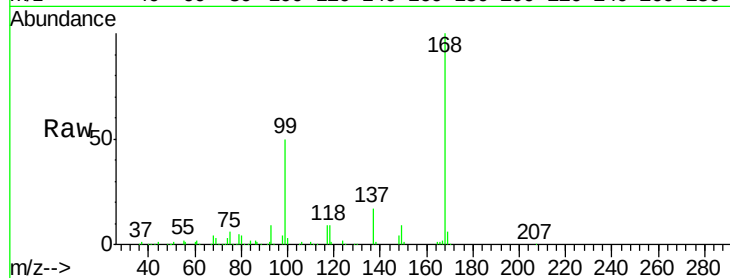
GL-WF-01-VO2RE

Tgt Ion:168 Resp: 155405

Ion Ratio Lower Upper

168 100

99 50.1 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

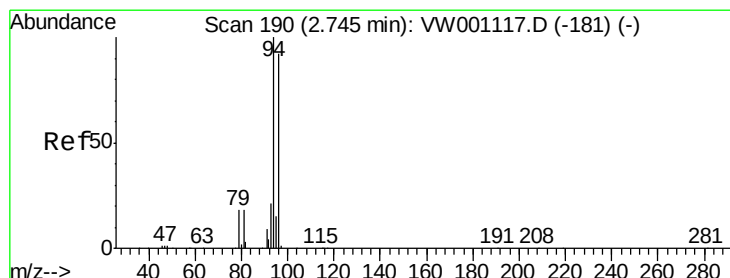
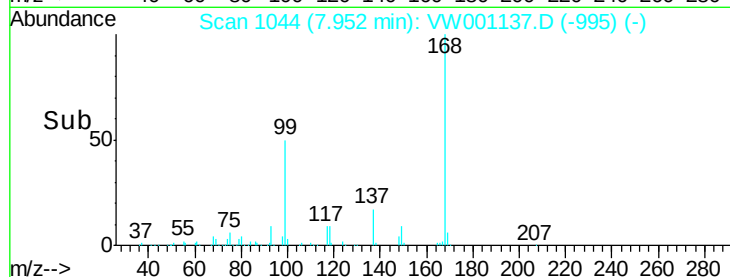
40000

20000

0

7.90 8.00

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 192

Delta R.T. 0.01 min

Lab File: VW001137.D

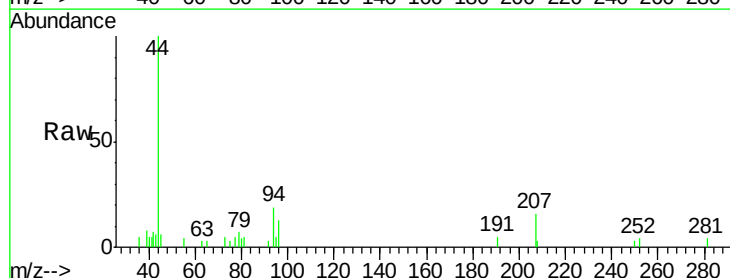
Acq: 29 Jan 2018 23:18

Tgt Ion: 94 Resp: 906

Ion Ratio Lower Upper

94 100

96 49.1 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

400

300

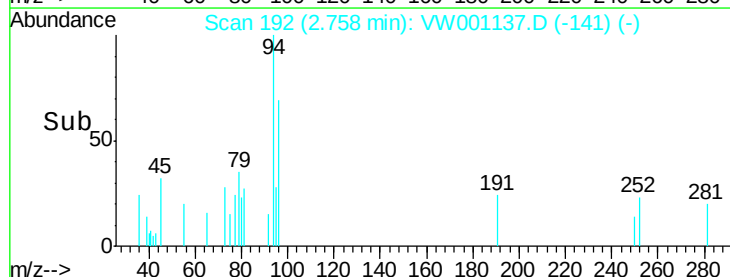
200

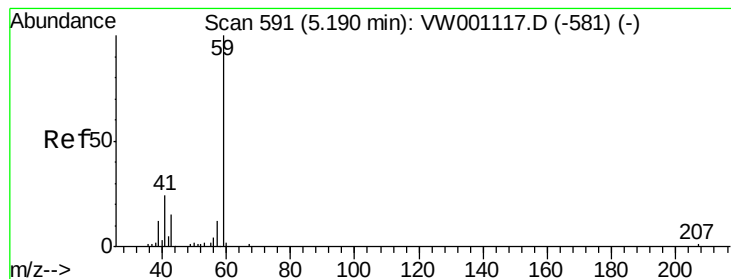
100

0

2.70 2.75 2.80

Time-->



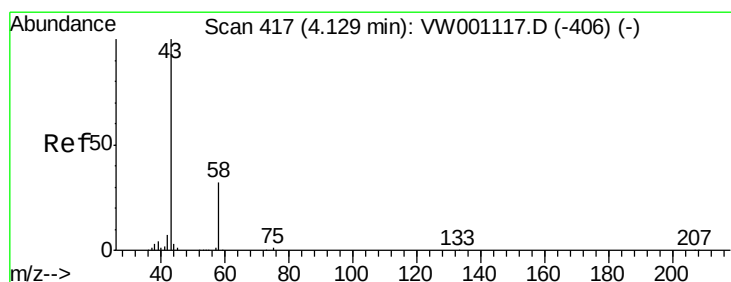
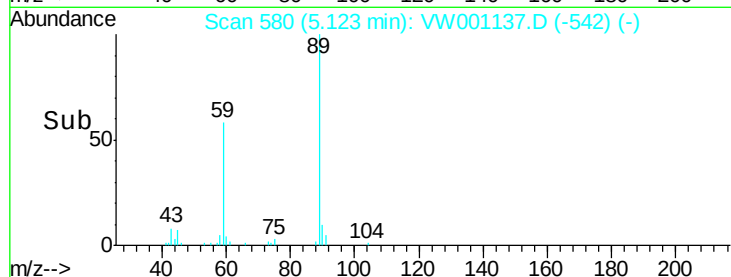
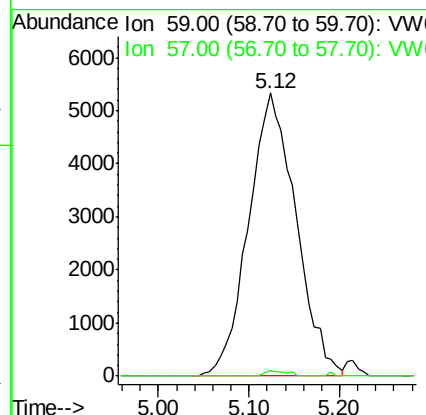
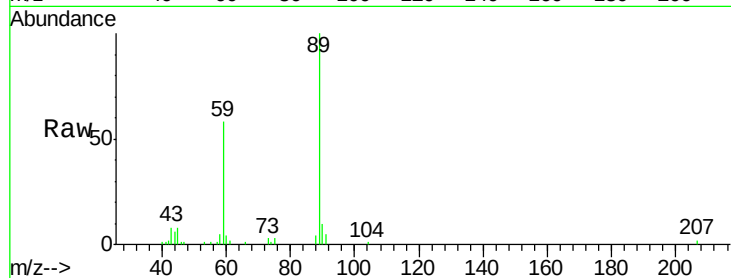


#11

Tert butyl alcohol
 Concen: 158.93 ug/l
 RT: 5.12 min Scan# 580
 Delta R.T. -0.07 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

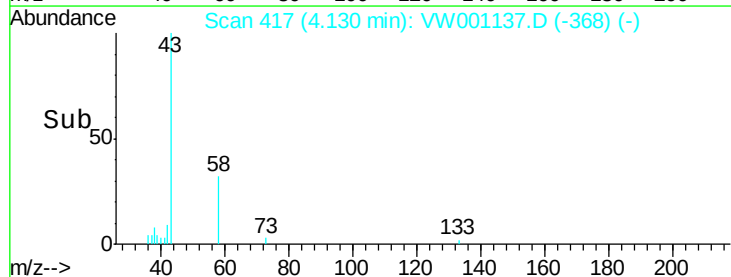
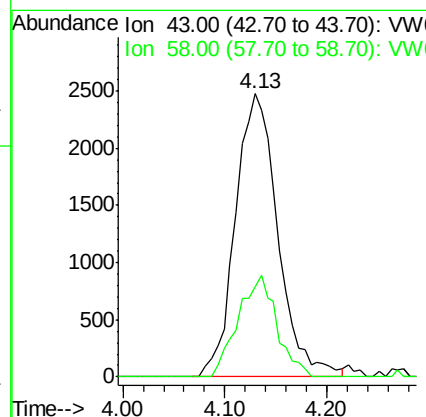
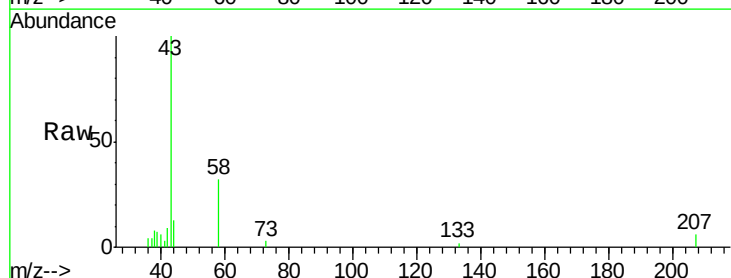
Tgt Ion: 59 Resp: 19292
 Ion Ratio Lower Upper
 59 100
 57 0.9 7.8 11.8#

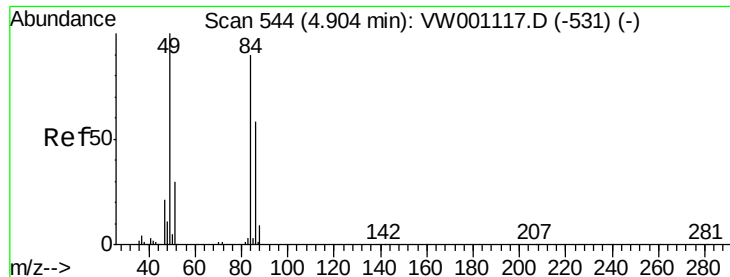


#16

Acetone
 Concen: 18.02 ug/l
 RT: 4.13 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

Tgt Ion: 43 Resp: 7158
 Ion Ratio Lower Upper
 43 100
 58 31.9 25.7 38.5

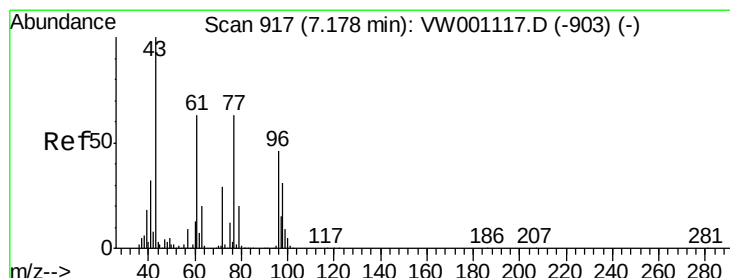
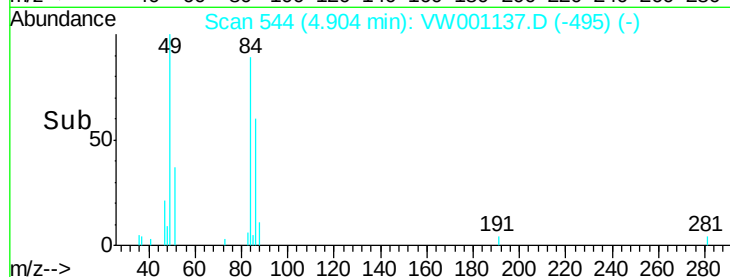
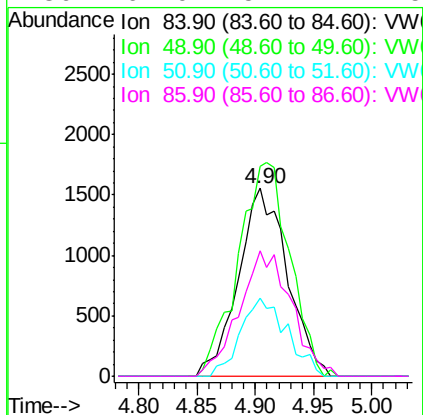
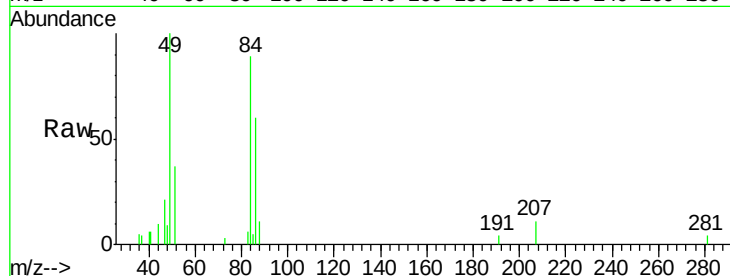




#20
Methylene Chloride
Concen: 1.05 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW001137.D
Acq: 29 Jan 2018 23:18

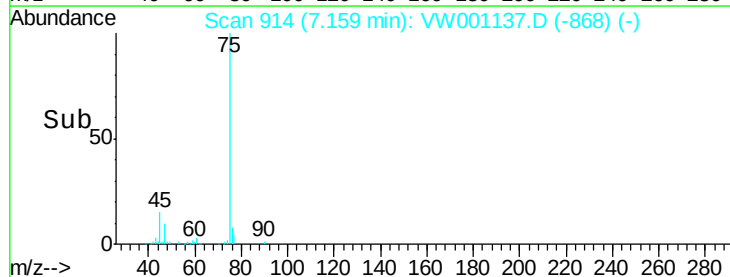
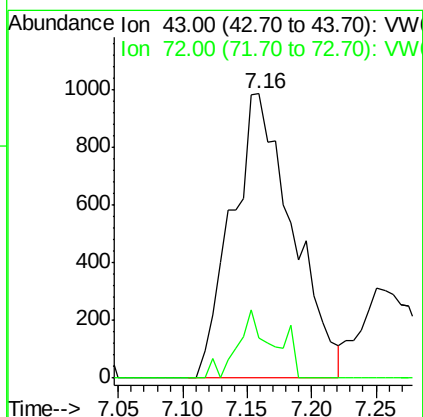
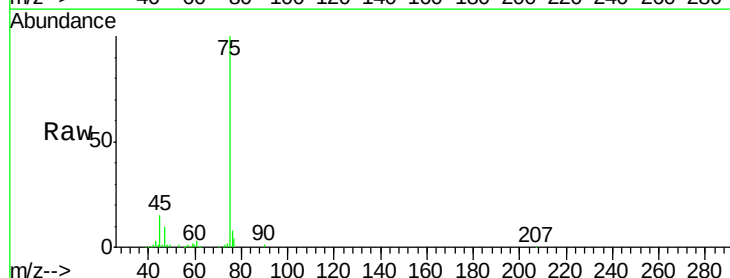
Instrument :
MSVOA_W
ClientSampleId :
GL-WF-01-VO2RE

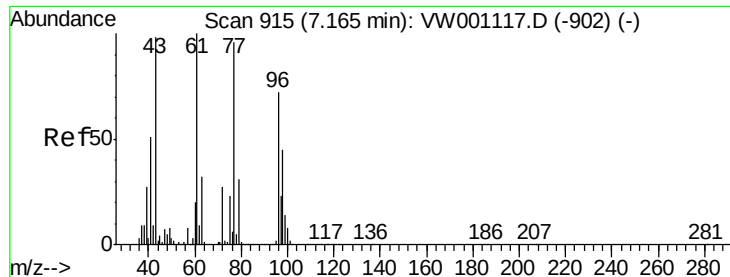
Tgt Ion:	84	Resp:	4541
Ion	Ratio	Lower	Upper
84	100		
49	112.0	89.2	133.8
51	41.9	26.7	40.1#
86	67.0	51.7	77.5



#25
2-Butanone
Concen: 6.17 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW001137.D
Acq: 29 Jan 2018 23:18

Tgt Ion:	43	Resp:	3219
Ion	Ratio	Lower	Upper
43	100		
72	13.8	22.8	34.2#

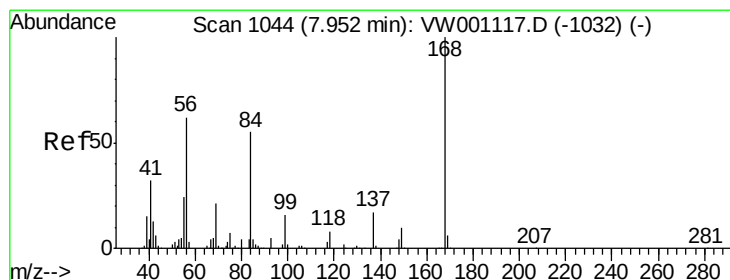
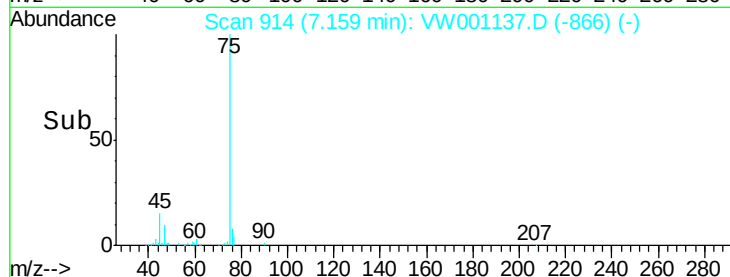
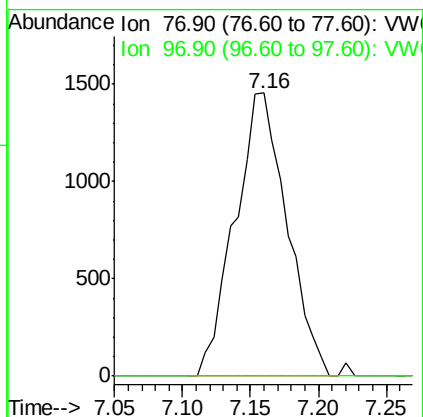
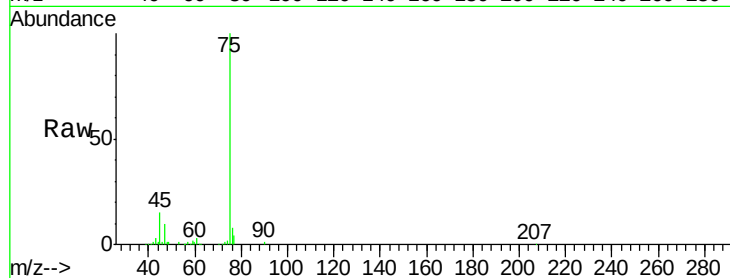




#26
 2,2-Dichloropropane
 Concen: 1.69 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

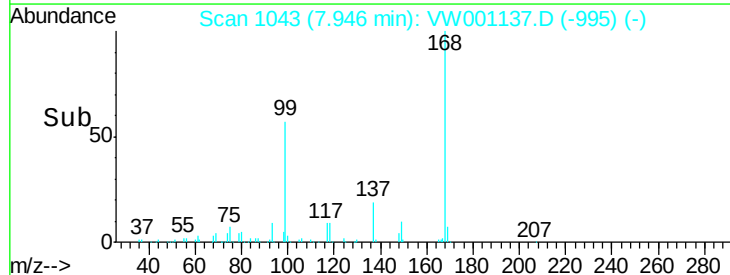
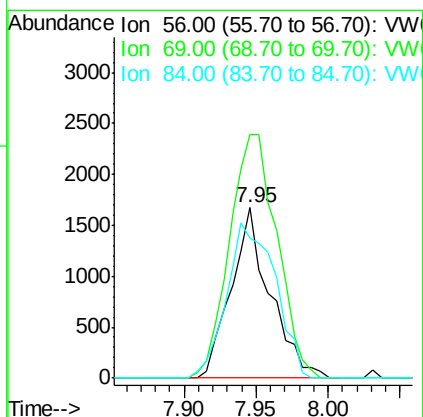
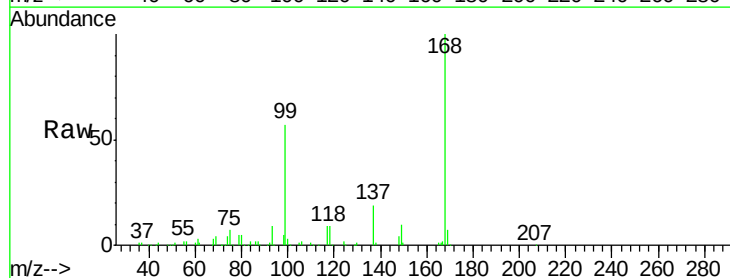
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

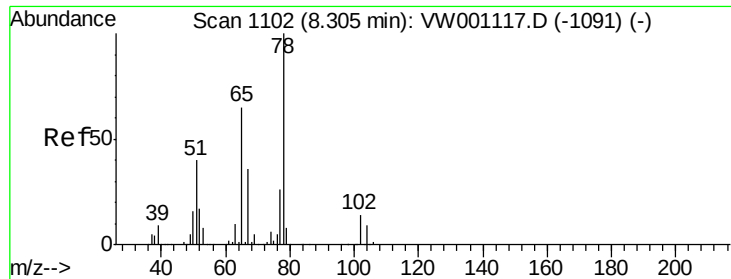
Tgt Ion: 77 Resp: 3868
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.6 34.7#



#31
 Cyclohexane
 Concen: 1.41 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

Tgt Ion: 56 Resp: 3150
 Ion Ratio Lower Upper
 56 100
 69 143.2 27.4 41.0#
 84 82.4 71.1 106.7

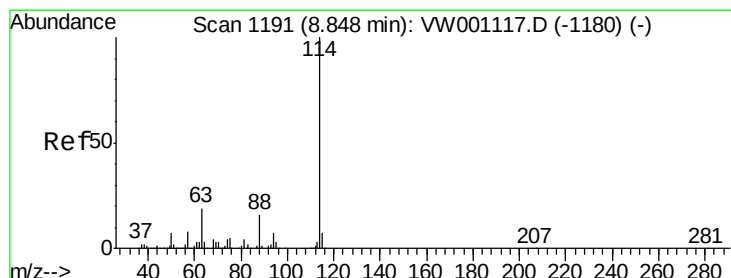
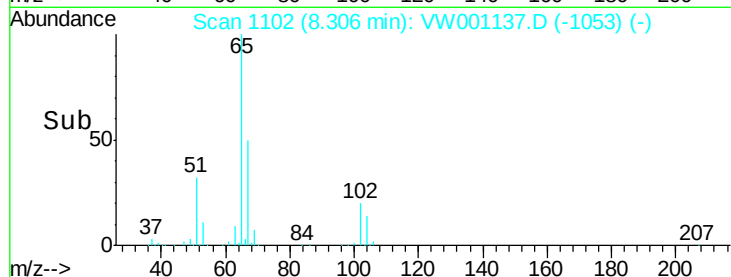
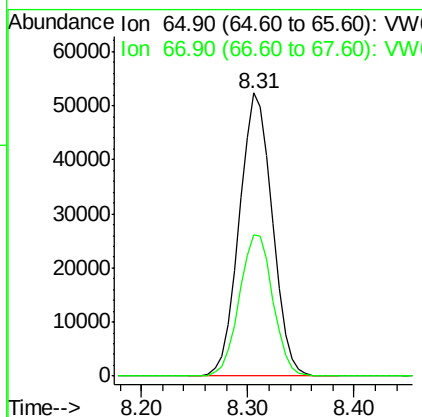
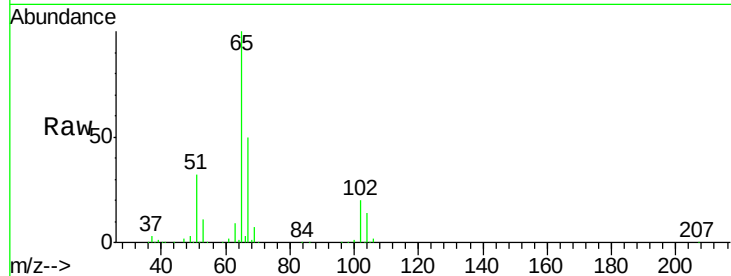




#33
 1,2-Dichloroethane-d4
 Concen: 75.50 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

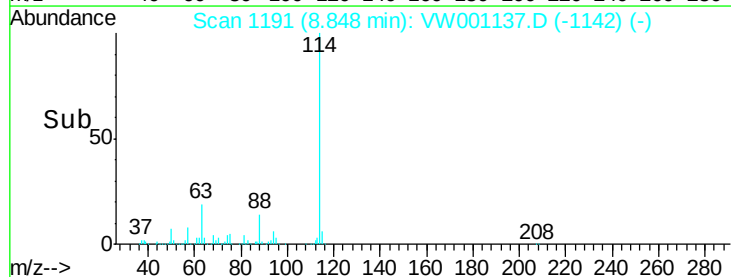
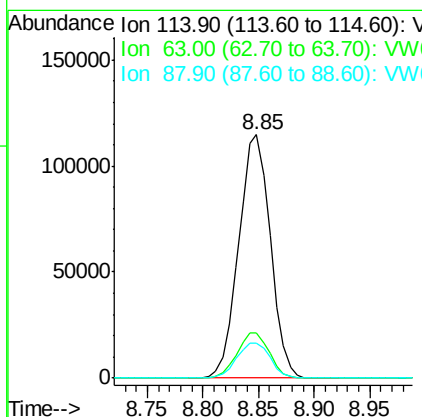
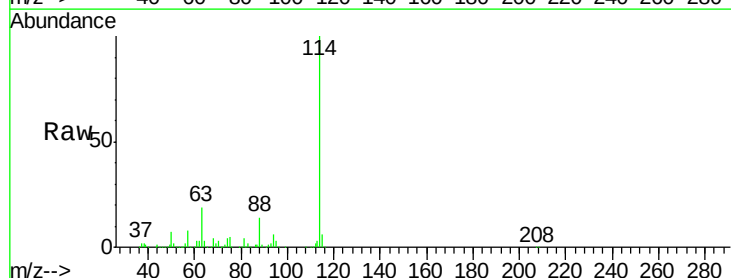
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

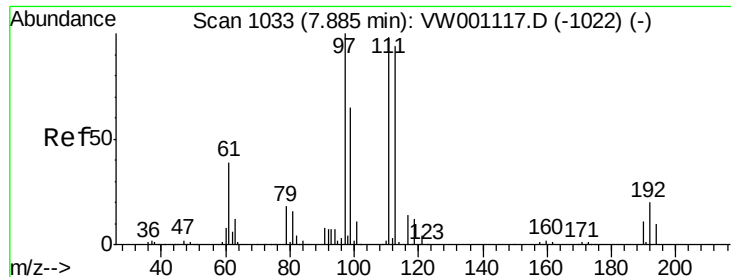
Tgt Ion: 65 Resp: 114071
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

Tgt Ion: 114 Resp: 226681
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.2
 88 14.4 0.0 31.0

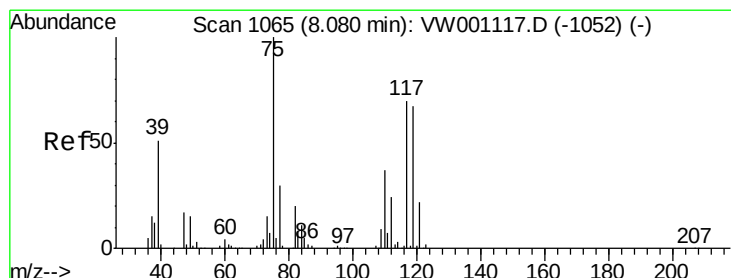
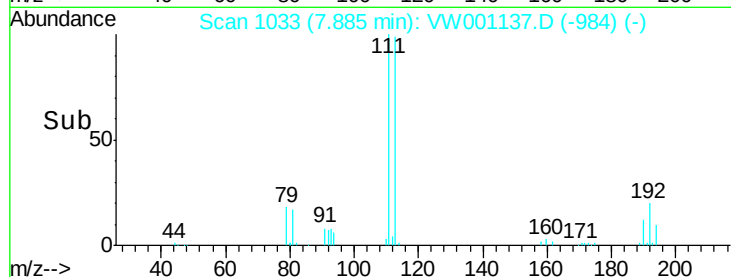
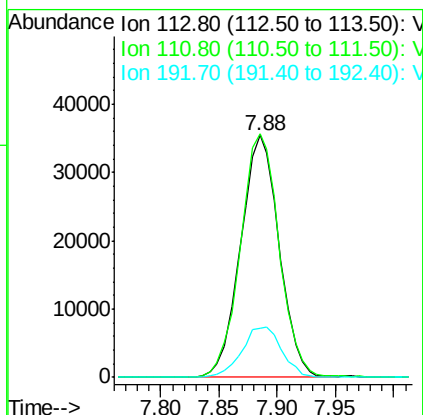
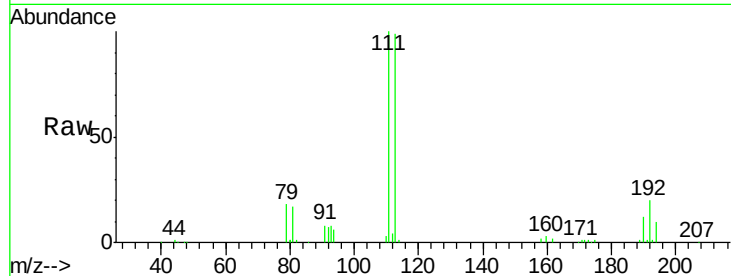




#35
 Dibromofluoromethane
 Concen: 56.21 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

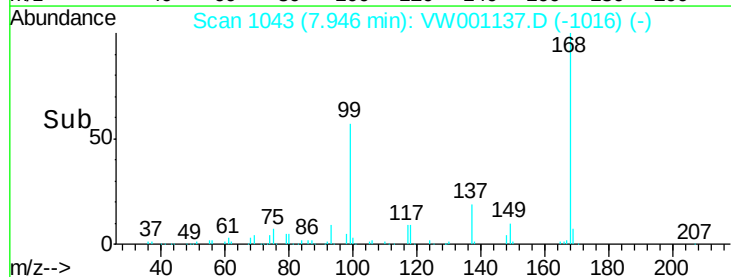
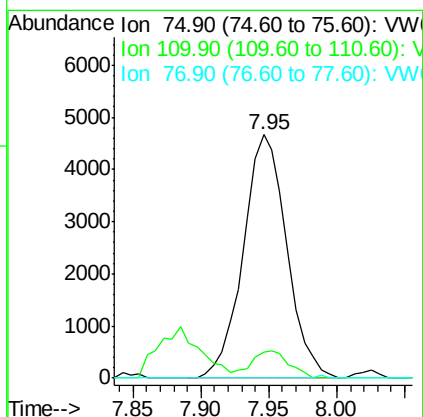
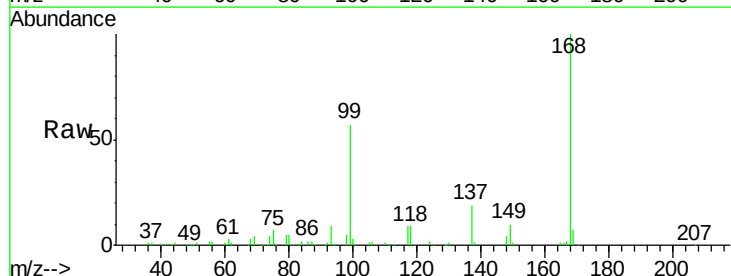
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

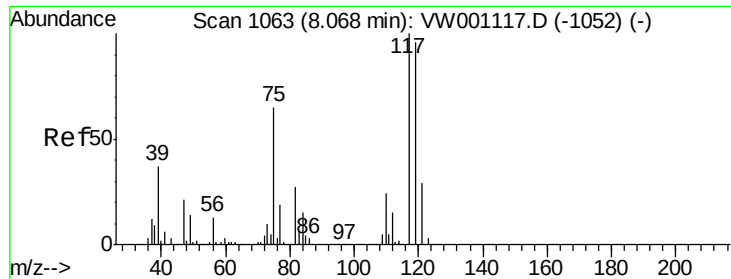
Tgt Ion:113 Resp: 81508
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.1 124.7
 192 21.5 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 5.09 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

Tgt Ion: 75 Resp: 10424
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.7 56.1#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.48 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW001137.D

Acq: 29 Jan 2018 23:18

Instrument :

MSVOA_W

ClientSampleId :

GL-WF-01-VO2RE

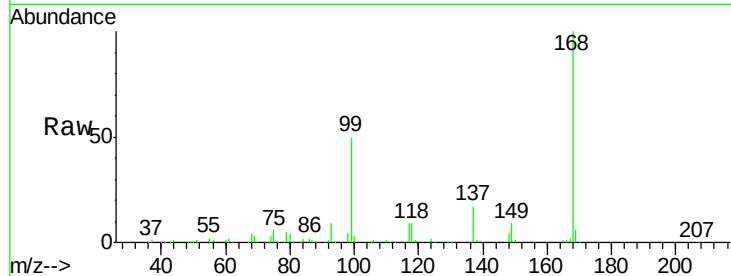
Tgt Ion:117 Resp: 14819

Ion Ratio Lower Upper

117 100

119 7.8 77.0 115.4#

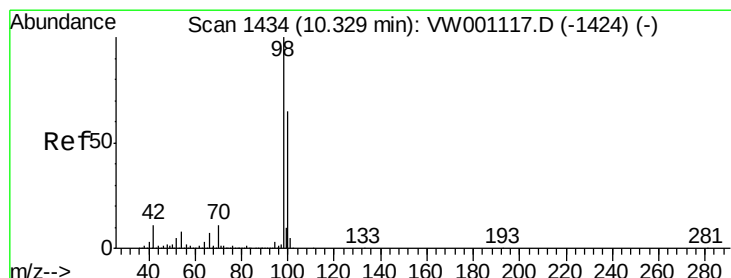
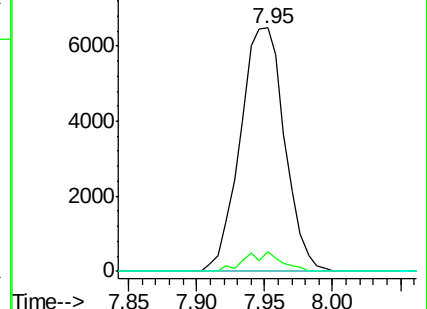
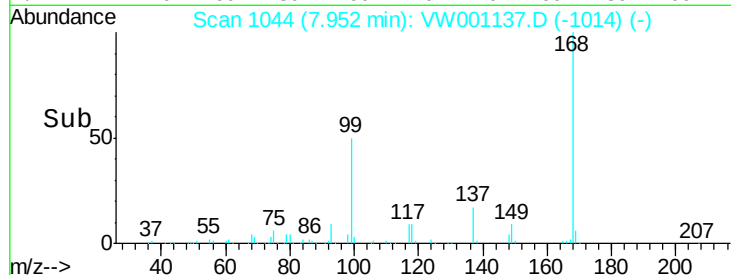
121 0.0 23.5 35.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.75 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW001137.D

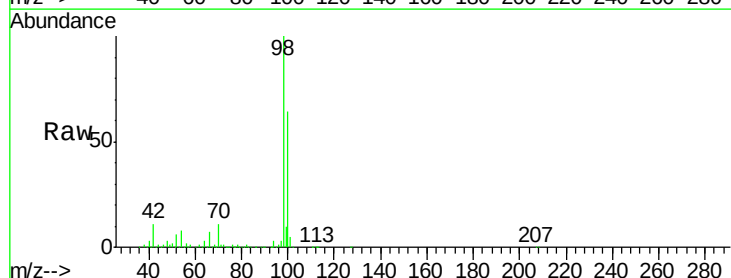
Acq: 29 Jan 2018 23:18

Tgt Ion: 98 Resp: 272048

Ion Ratio Lower Upper

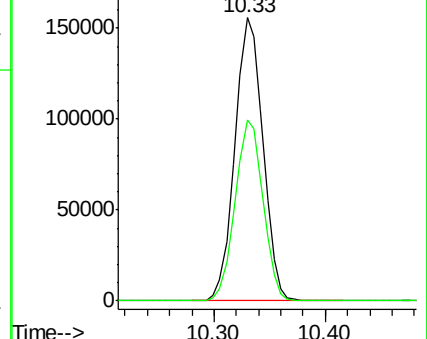
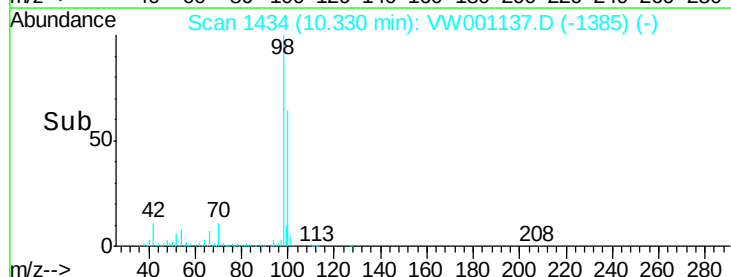
98 100

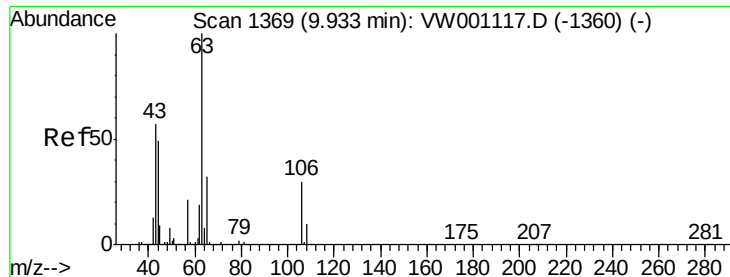
100 63.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

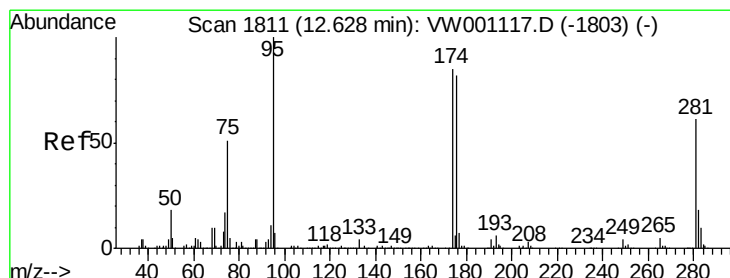
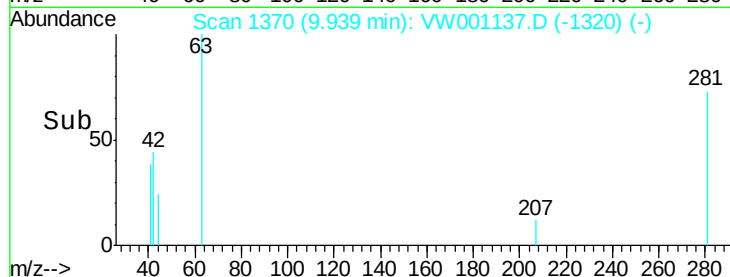
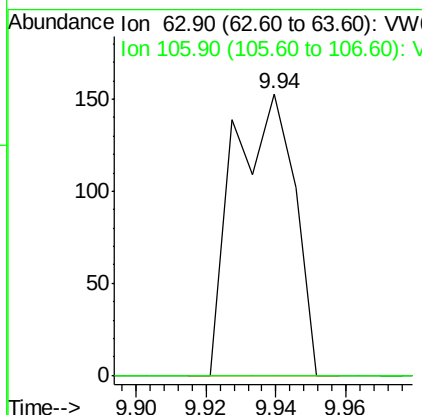
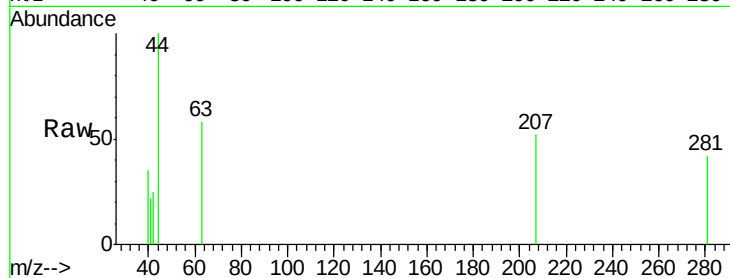




#58
 2-Chloroethyl Vinyl ether
 Concen: 23.58 ug/l
 RT: 9.94 min Scan# 1370
 Delta R.T. 0.01 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

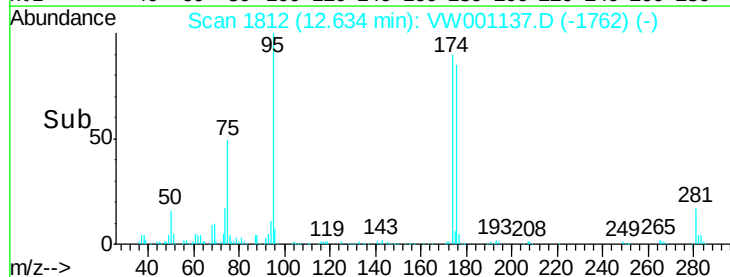
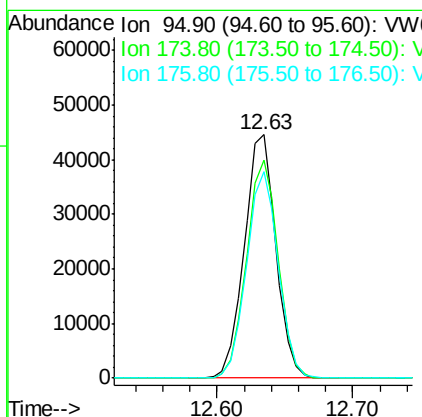
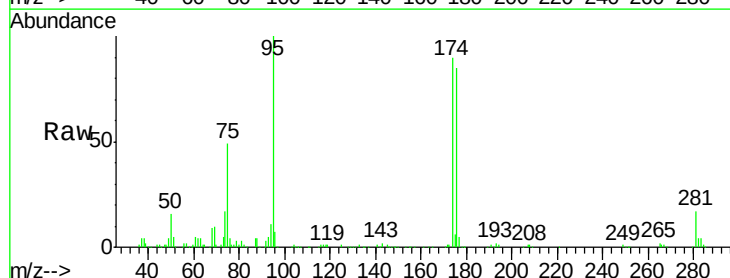
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

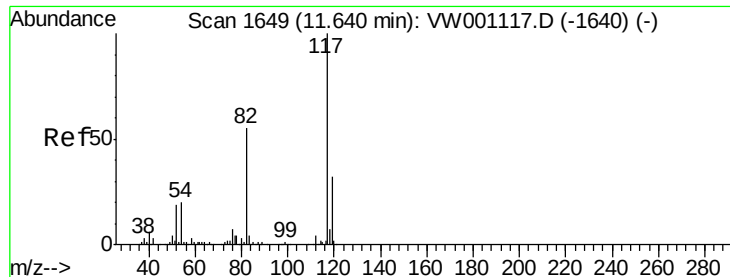
Tgt Ion: 63 Resp: 184
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.2 36.4#



#62
 4-Bromofluorobenzene
 Concen: 35.11 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

Tgt Ion: 95 Resp: 72210
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 179.6
 176 85.4 0.0 174.4

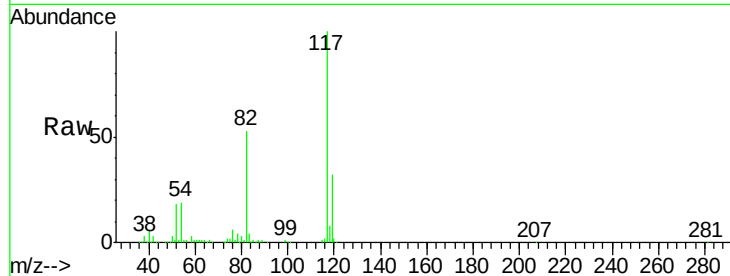




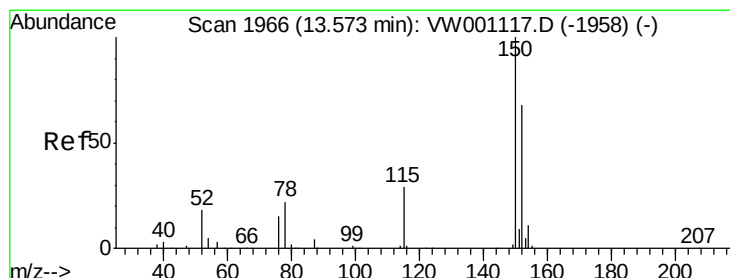
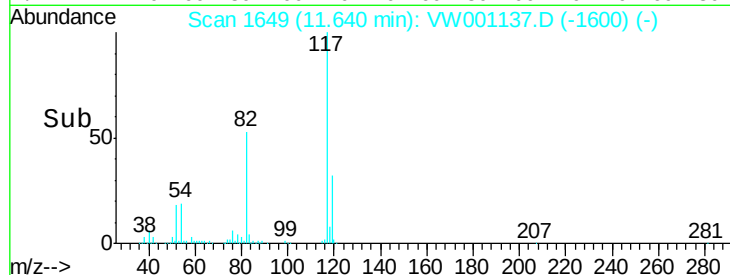
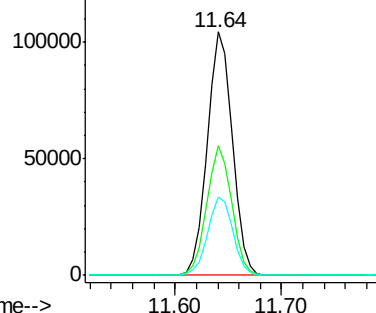
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001137.D
Acq: 29 Jan 2018 23:18

Instrument :
MSVOA_W
ClientSampleId :
GL-WF-01-VO2RE

Tgt Ion:117 Resp: 173106
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 32.0 25.8 38.8

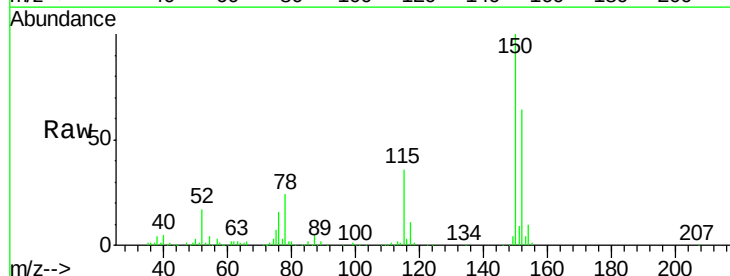


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

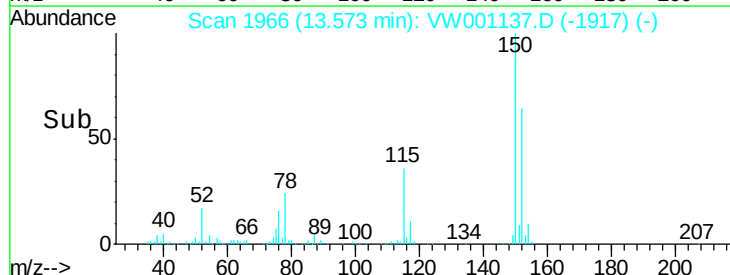
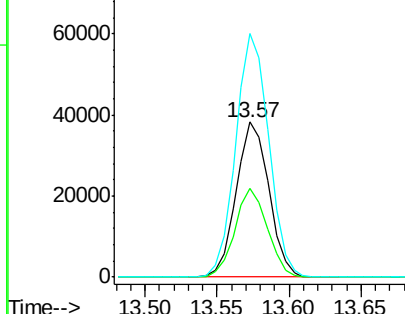


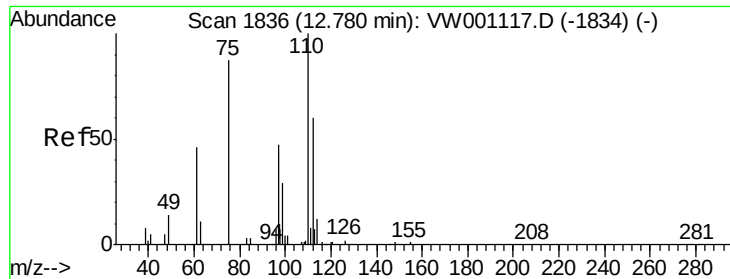
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW001137.D
Acq: 29 Jan 2018 23:18

Tgt Ion:152 Resp: 60564
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.3
150 157.8 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

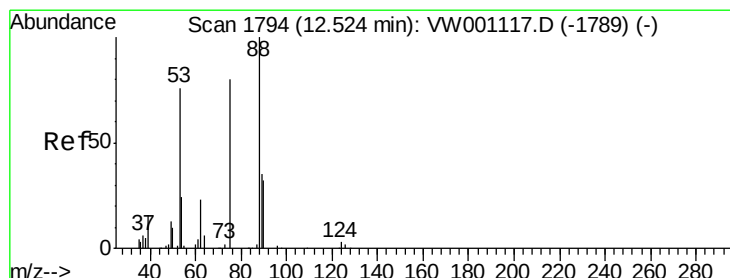
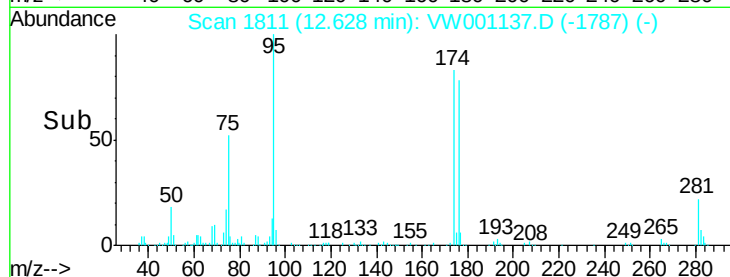
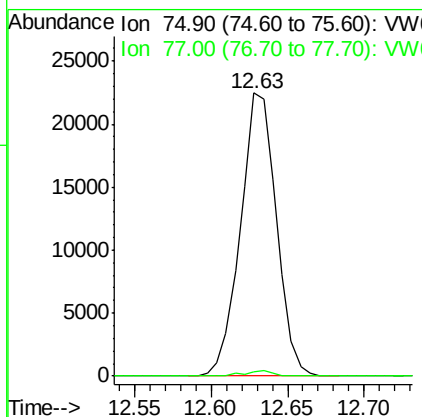
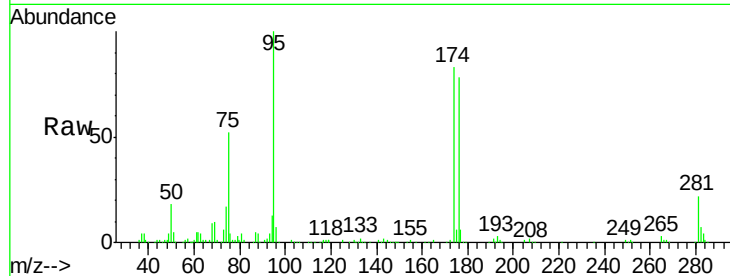




#76
 1,2,3-Trichloropropane
 Concen: 59.62 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

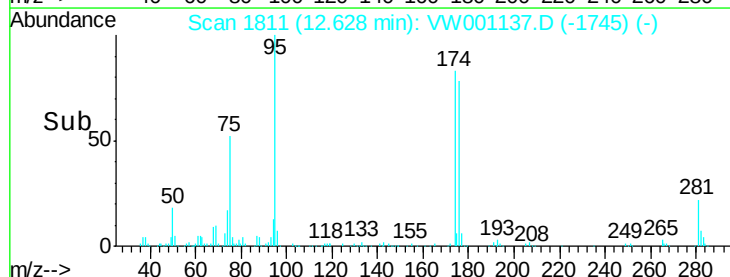
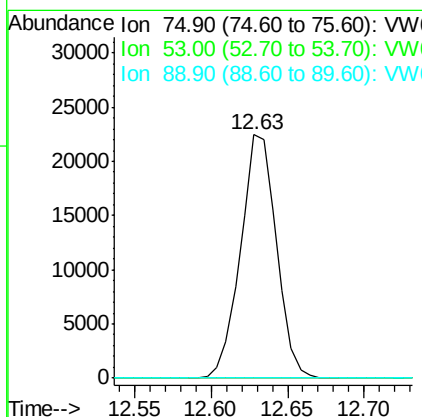
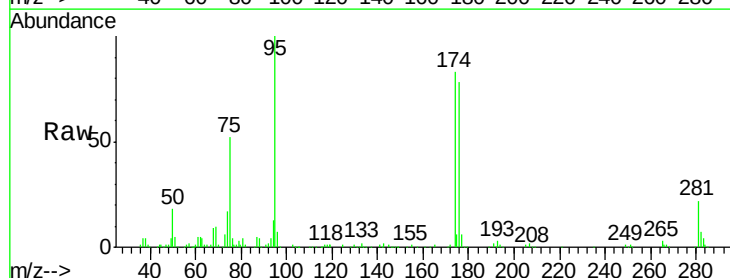
Instrument :
 MSVOA_W
 ClientSampleId :
 GL-WF-01-VO2RE

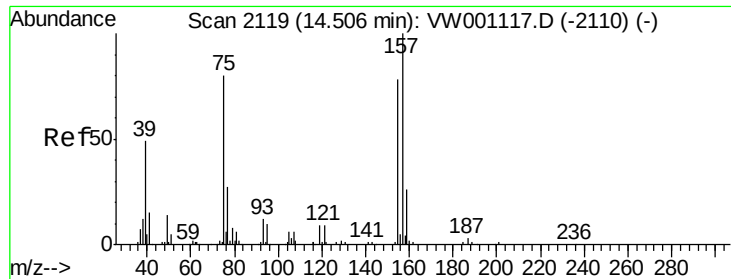
Tgt Ion: 75 Resp: 36594
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.76 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW001137.D
 Acq: 29 Jan 2018 23:18

Tgt Ion: 75 Resp: 36594
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.2 38.2 57.4#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.03 ug/l

RT: 14.35 min Scan# 2094

Delta R.T. -0.15 min

Lab File: VW001137.D

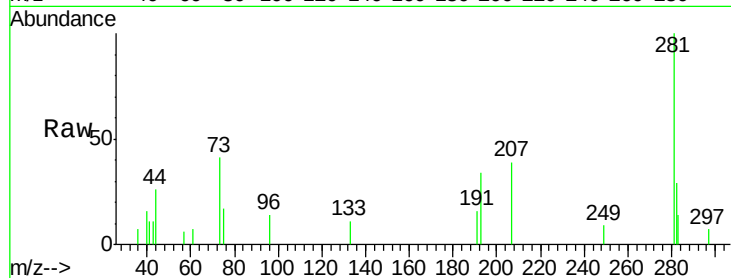
Acq: 29 Jan 2018 23:18

Instrument :

MSVOA_W

ClientSampleId :

GL-WF-01-VO2RE



Tgt Ion:	75	Resp:	161
Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.3	138.9#
157	0.0	60.0	180.0#

