

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080818\
 Data File : VW004502.D
 Acq On : 07 Aug 2018 19:54
 Operator : SY/AP
 Sample : VW0807SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBL01

Quant Time: Aug 08 08:37:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	623936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1056308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1027698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	498463	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	417945	60.51	ug/l	0.00
Spiked Amount			Recovery	=	121.02%	
35) Dibromofluoromethane	7.88	113	386022	54.81	ug/l	0.00
Spiked Amount			Recovery	=	109.62%	
50) Toluene-d8	10.33	98	1380922	51.43	ug/l	0.00
Spiked Amount			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	12.62	95	467754	48.36	ug/l	0.00
Spiked Amount			Recovery	=	96.72%	

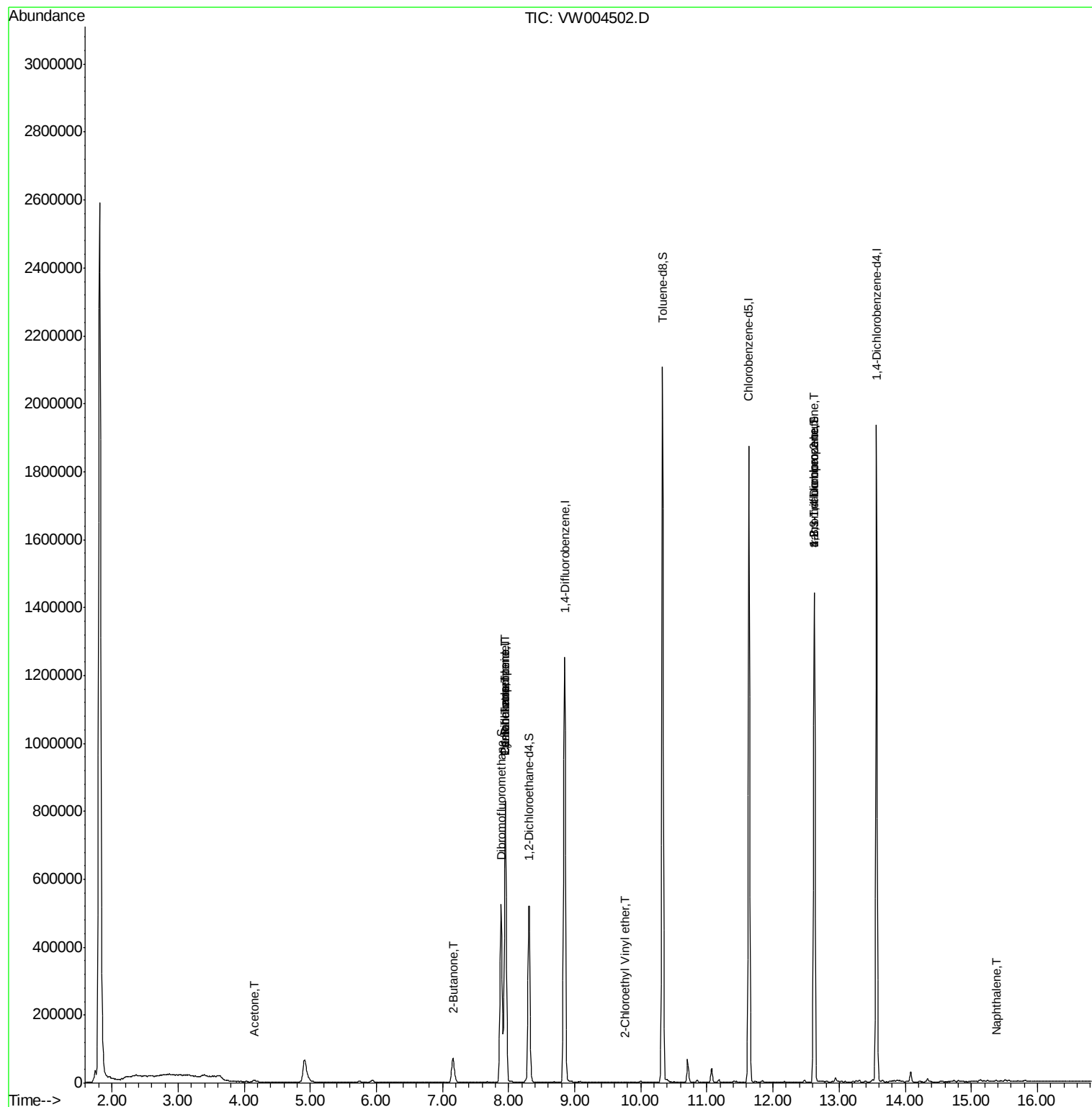
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	12454	7.220	ug/l	91
20) Methylene Chloride	4.91	84	66508	Below Cal		97
25) 2-Butanone	7.15	43	4445	1.602	ug/l #	80
31) Cyclohexane	7.95	56	13449	1.039	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	49140	4.321	ug/l #	49
38) Carbon Tetrachloride	7.95	117	59260	5.790	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.77	63	19	8.949	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	229709	44.535	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	229709	106.610	ug/l #	12
95) Naphthalene	15.38	128	3435	3.060	ug/l #	93

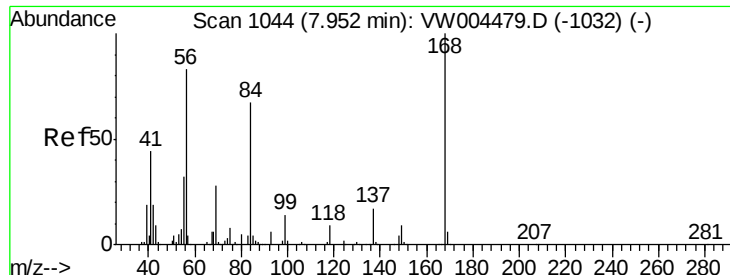
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW080818\
Data File : VW004502.D
Acq On : 07 Aug 2018 19:54
Operator : SY/AP
Sample : VW0807SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBL01

Quant Time: Aug 08 08:37:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 08:22:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004502.D

Acq: 07 Aug 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

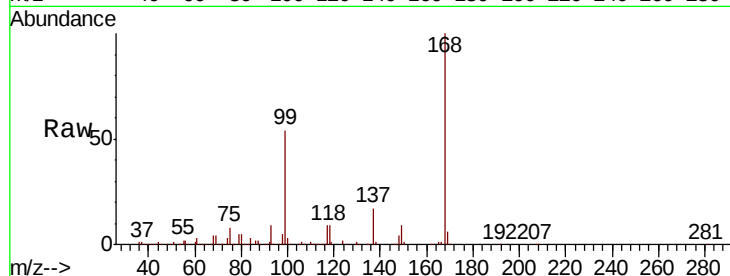
VW0808SBL01

Tgt Ion:168 Resp: 623936

Ion Ratio Lower Upper

168 100

99 54.1 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

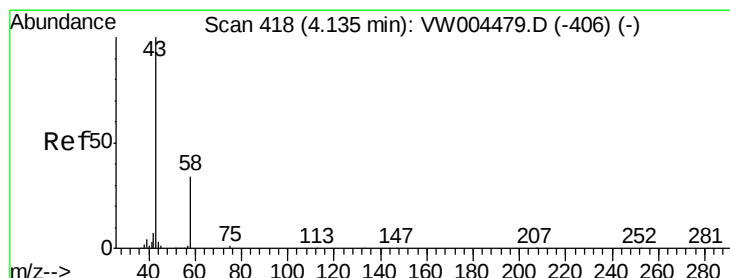
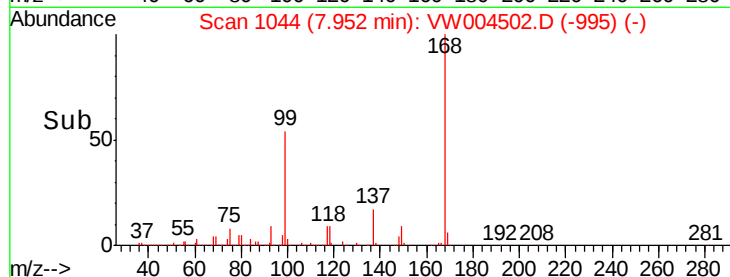
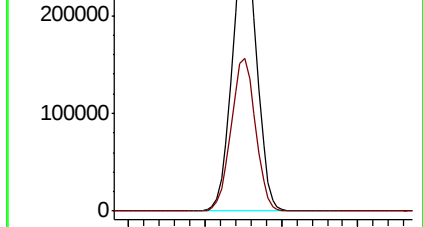
7.95

300000

200000

100000

0



#16

Acetone

Concen: 7.220 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004502.D

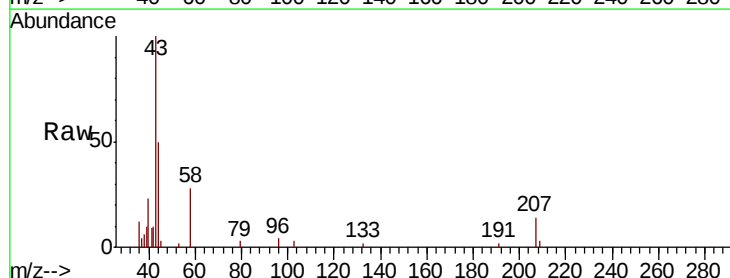
Acq: 07 Aug 2018 19:54

Tgt Ion: 43 Resp: 12454

Ion Ratio Lower Upper

43 100

58 28.6 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

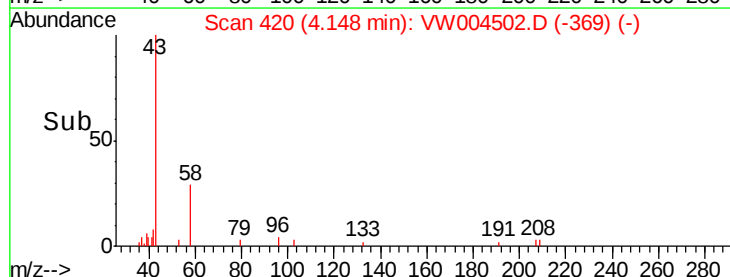
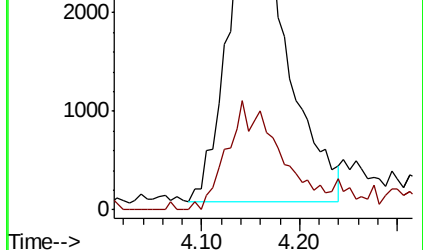
4.15

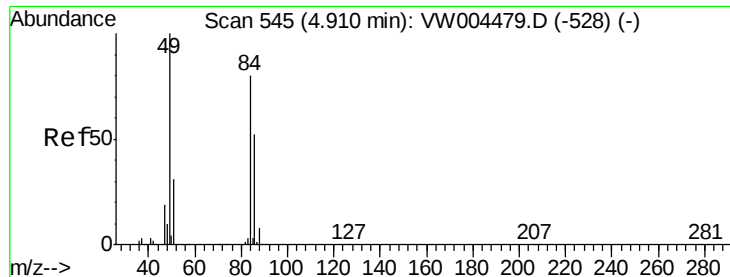
3000

2000

1000

0

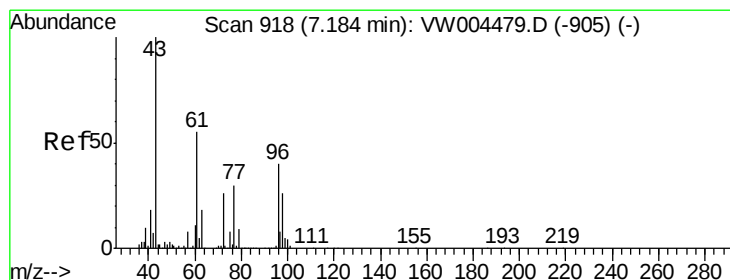
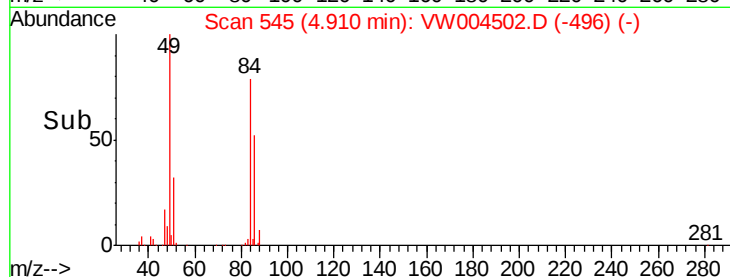
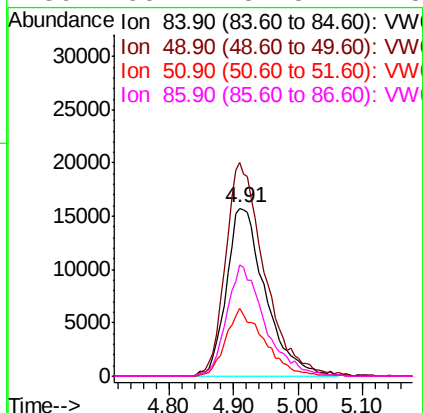
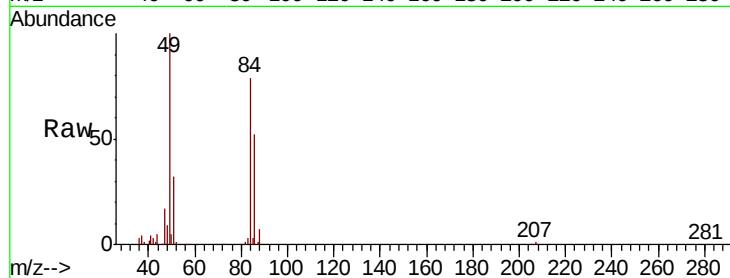




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004502.D
Acq: 07 Aug 2018 19:54

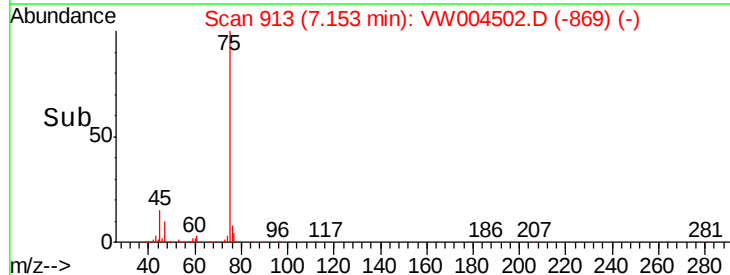
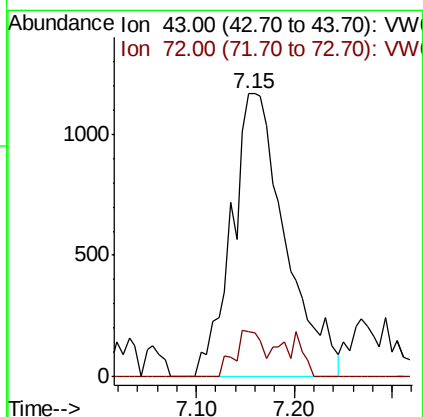
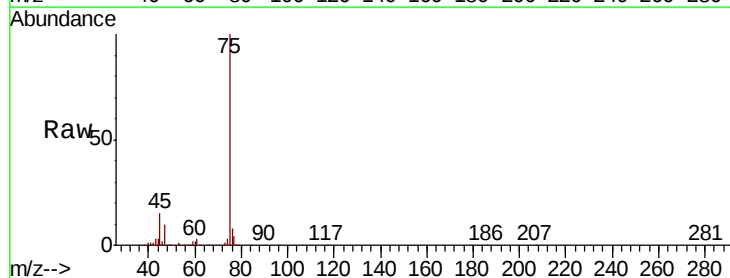
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBL01

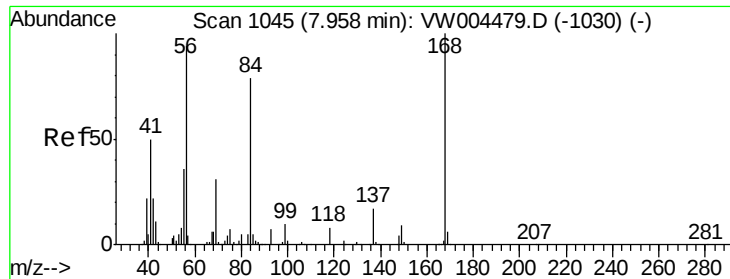
Tgt Ion:	84	Resp:	66508
Ion	Ratio	Lower	Upper
84	100		
49	127.2	99.6	149.4
51	40.5	31.0	46.4
86	66.4	51.5	77.3



#25
2-Butanone
Concen: 1.602 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW004502.D
Acq: 07 Aug 2018 19:54

Tgt Ion:	43	Resp:	4445
Ion	Ratio	Lower	Upper
43	100		
72	16.1	21.0	31.6#

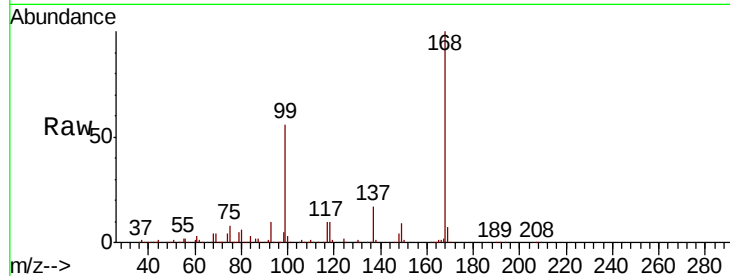




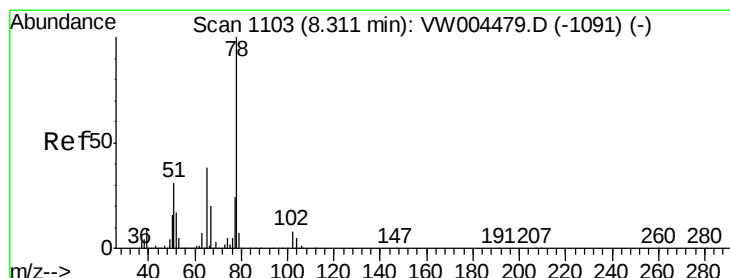
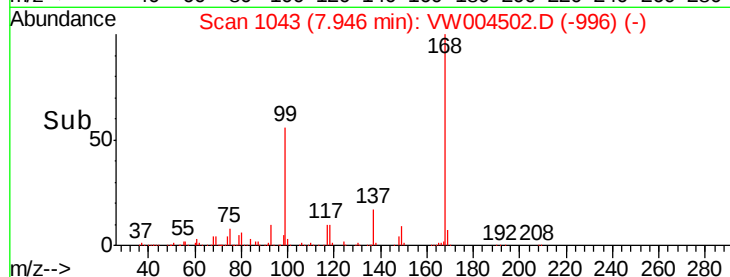
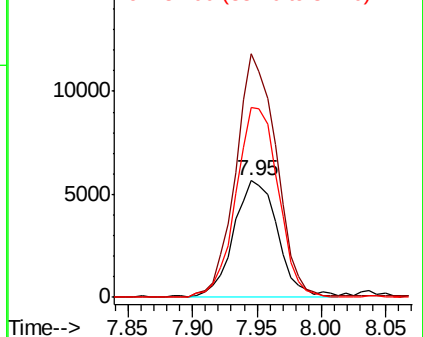
#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004502.D
Acq: 07 Aug 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBL01

Tgt Ion: 56 Resp: 13449
Ion Ratio Lower Upper
56 100
69 209.1 26.4 39.6#
84 163.1 66.9 100.3#

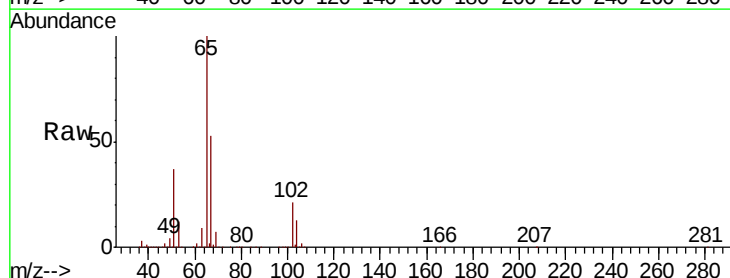


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

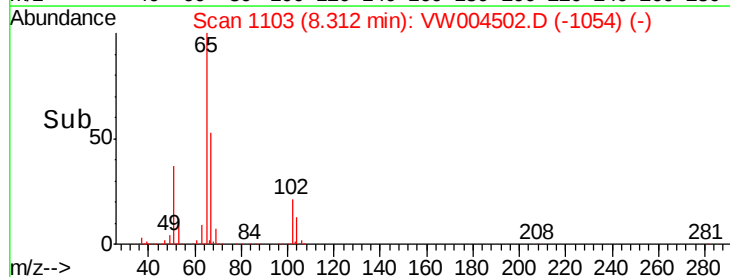
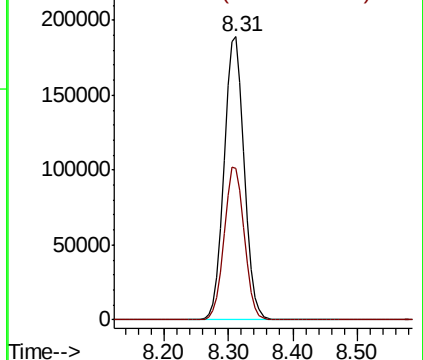


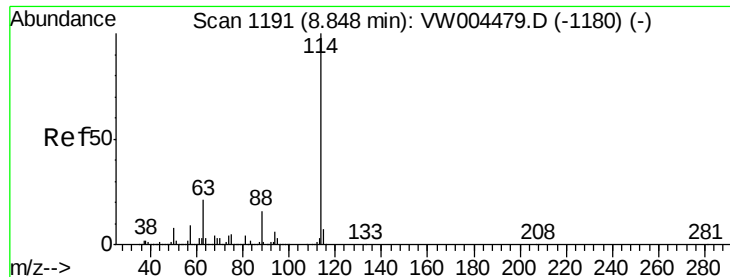
#33
1,2-Dichloroethane-d4
Concen: 60.512 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW004502.D
Acq: 07 Aug 2018 19:54

Tgt Ion: 65 Resp: 417945
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

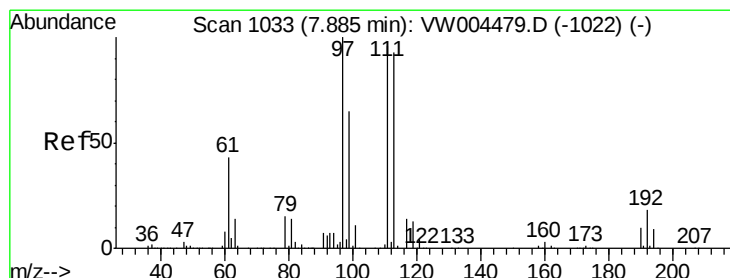
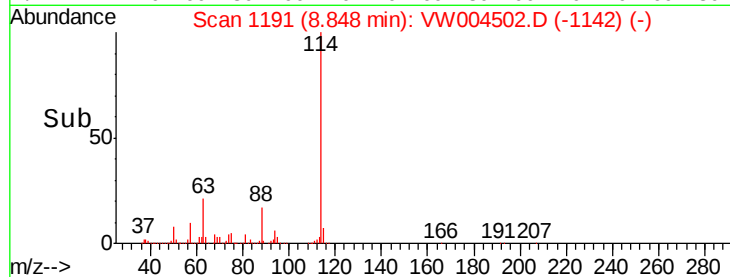
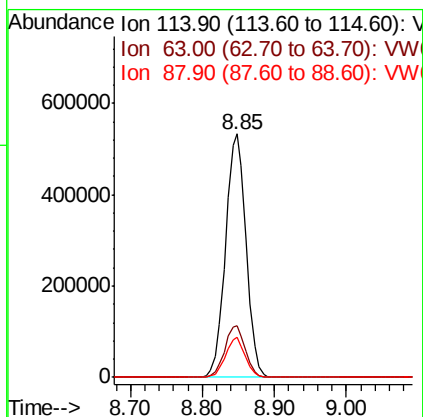
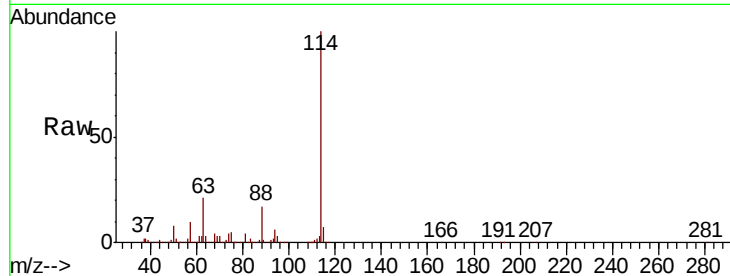




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004502.D
 Acq: 07 Aug 2018 19:54

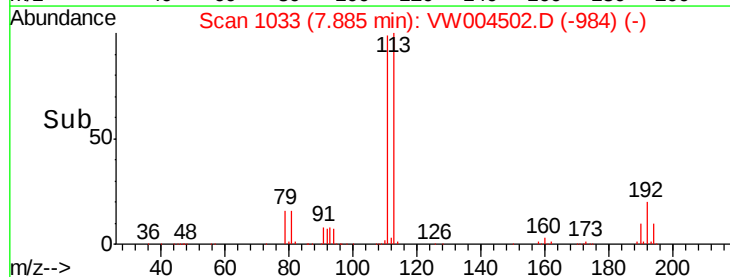
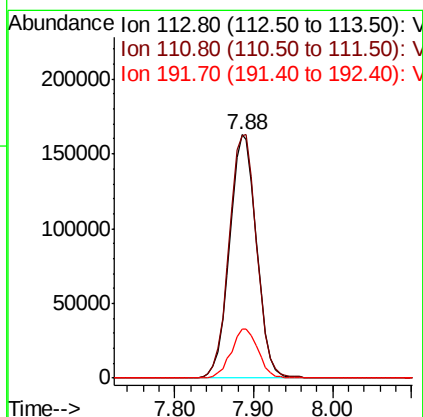
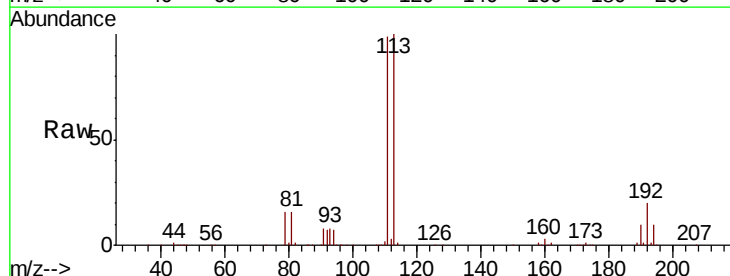
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0808SBL01

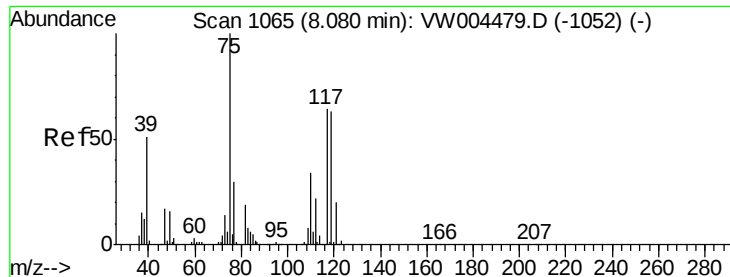
Tgt Ion:114 Resp: 1056308
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 16.5 0.0 31.2



#35
 Dibromofluoromethane
 Concen: 54.808 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004502.D
 Acq: 07 Aug 2018 19:54

Tgt Ion:113 Resp: 386022
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 20.1 15.8 23.6





#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004502.D

Acq: 07 Aug 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBL01

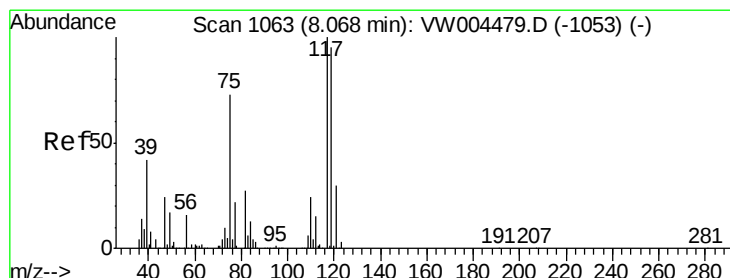
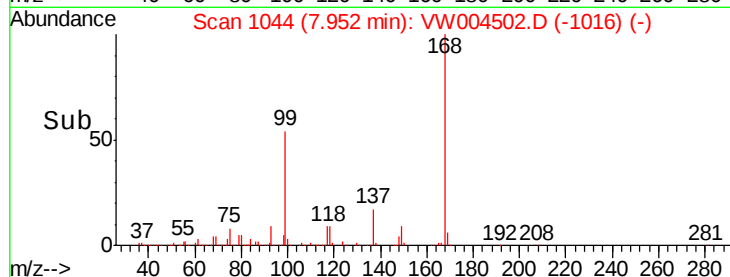
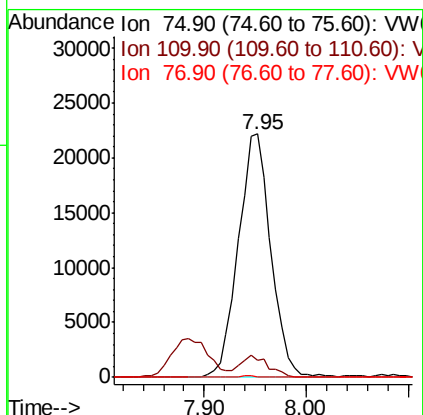
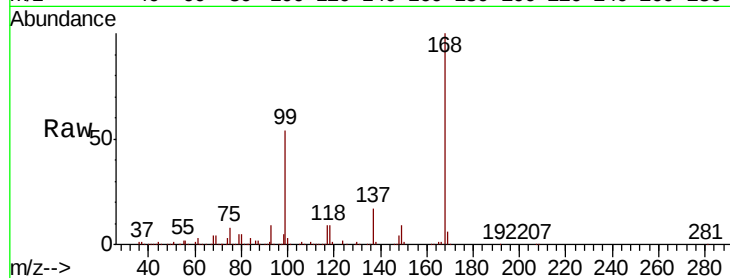
Tgt Ion: 75 Resp: 49140

Ion Ratio Lower Upper

75 100

110 7.5 17.4 52.2#

77 0.4 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.790 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.12 min

Lab File: VW004502.D

Acq: 07 Aug 2018 19:54

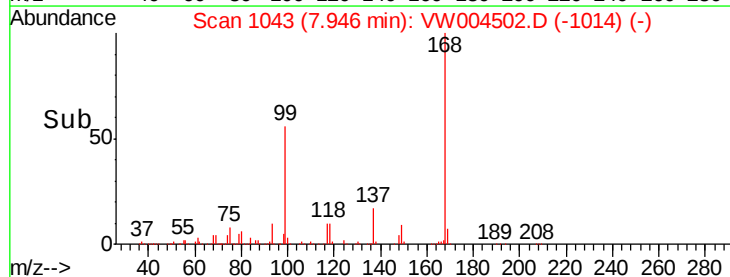
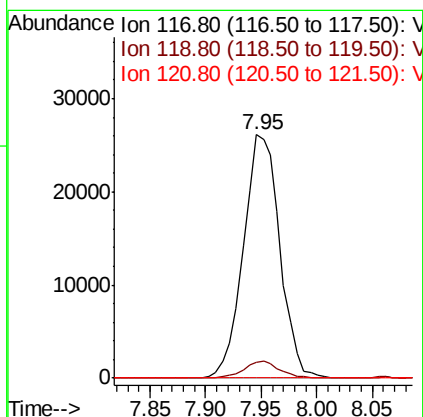
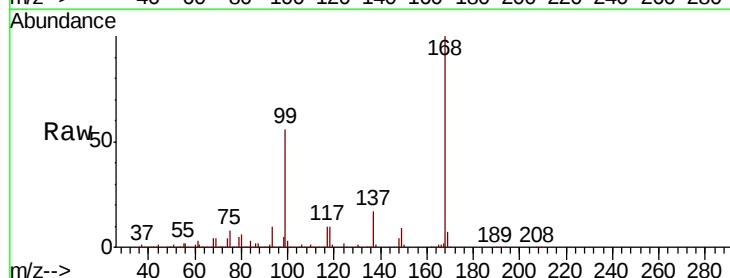
Tgt Ion: 117 Resp: 59260

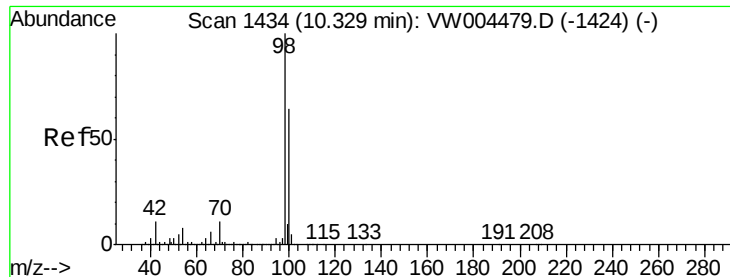
Ion Ratio Lower Upper

117 100

119 6.7 76.1 114.1#

121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 51.429 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004502.D

Acq: 07 Aug 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

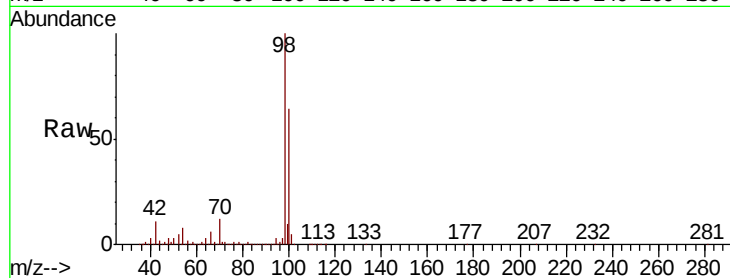
VW0808SBL01

Tgt Ion: 98 Resp: 1380922

Ion Ratio Lower Upper

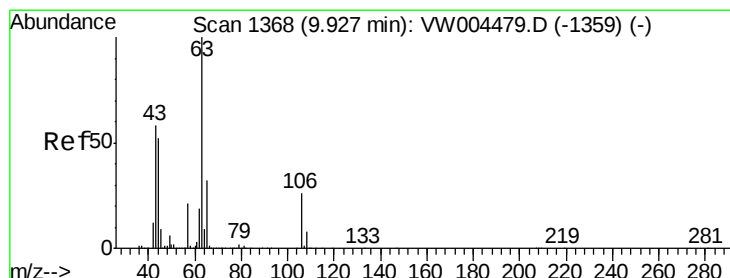
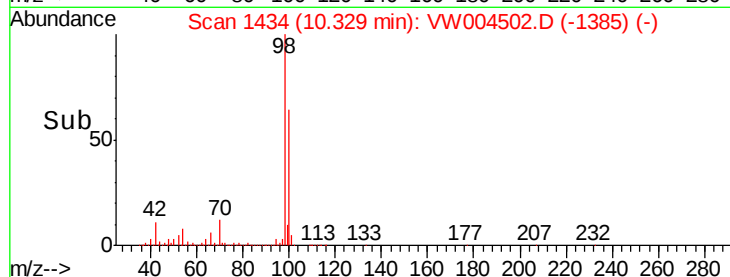
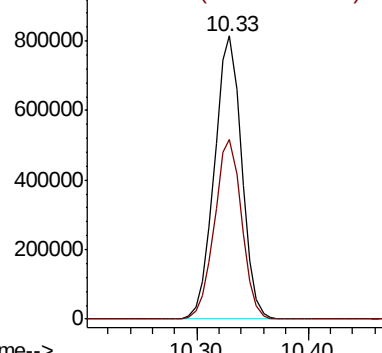
98 100

100 63.7 51.4 77.2



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: 8.949 ug/l

RT: 9.77 min Scan# 1342

Delta R.T. -0.16 min

Lab File: VW004502.D

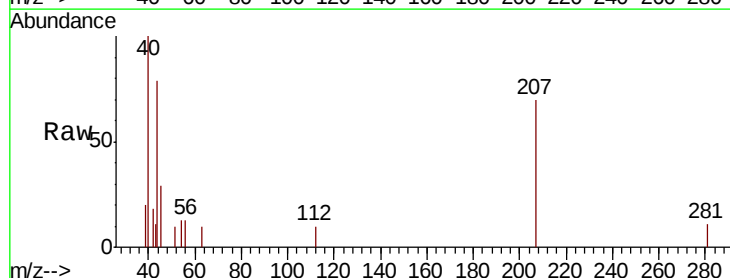
Acq: 07 Aug 2018 19:54

Tgt Ion: 63 Resp: 19

Ion Ratio Lower Upper

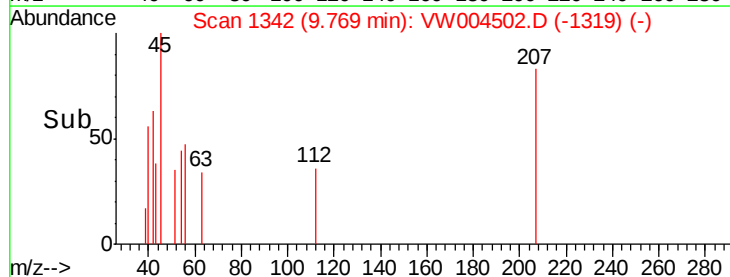
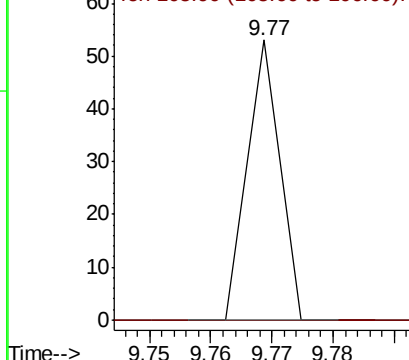
63 100

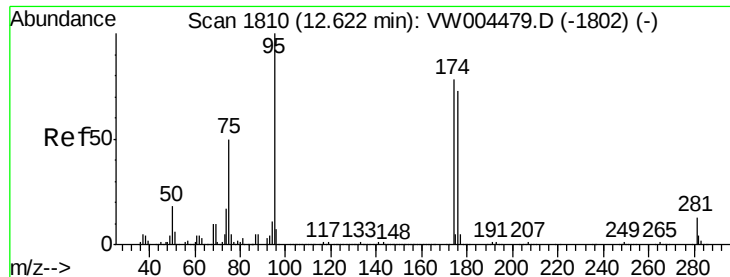
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

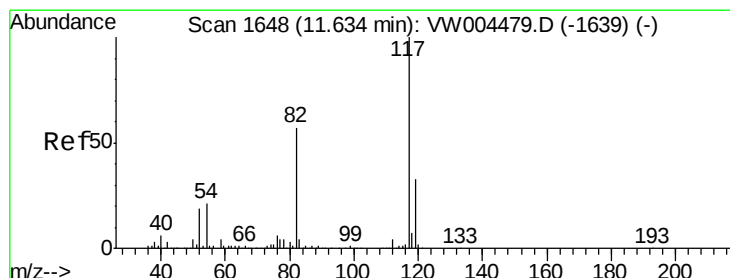
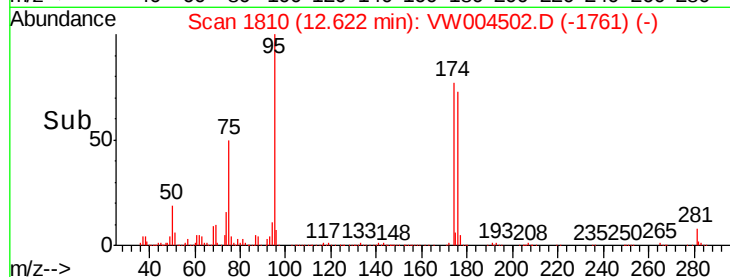
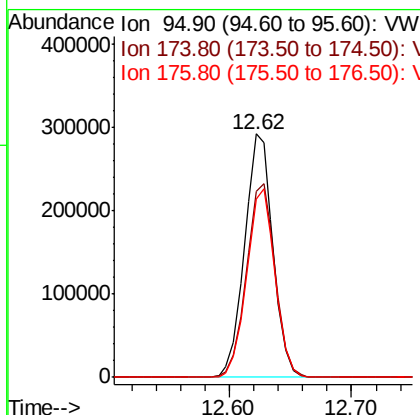
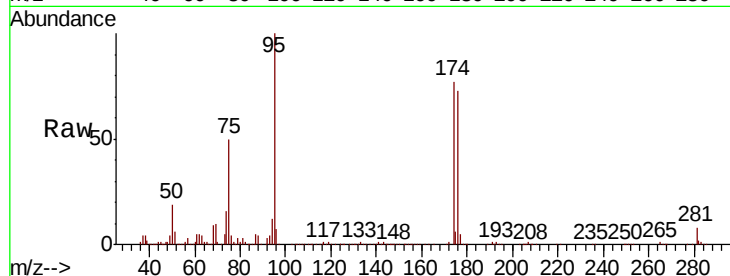




#62
4-Bromofluorobenzene
Concen: 48.361 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW004502.D
Acq: 07 Aug 2018 19:54

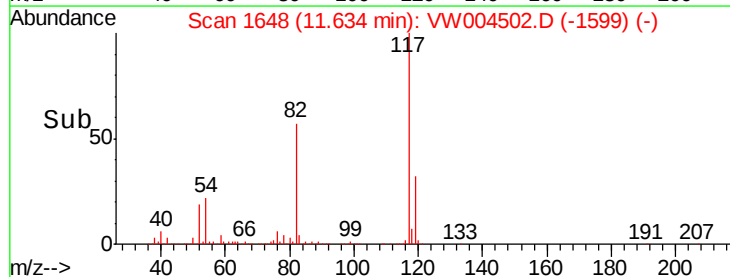
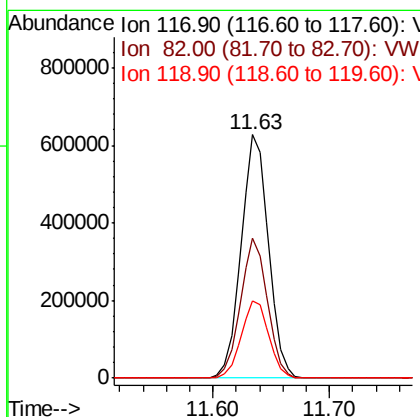
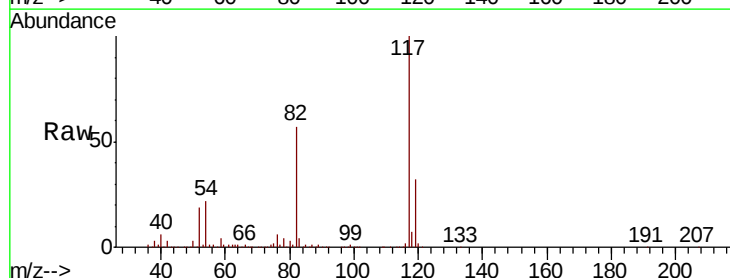
Instrument :
MSVOA_W
ClientSampleId :
VW0808SBL01

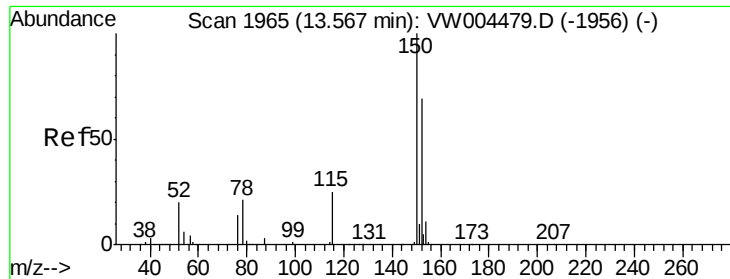
Tgt Ion: 95 Resp: 467754
Ion Ratio Lower Upper
95 100
174 81.5 0.0 160.4
176 77.8 0.0 153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004502.D
Acq: 07 Aug 2018 19:54

Tgt Ion: 117 Resp: 1027698
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 31.7 26.2 39.4



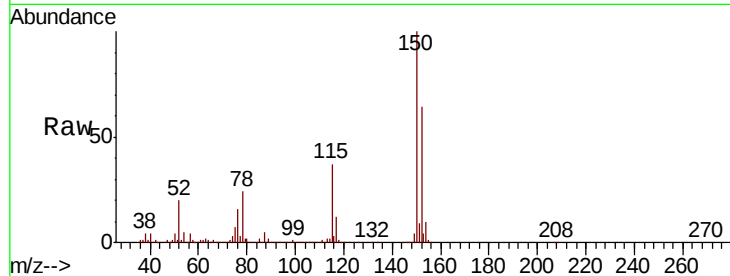


#72

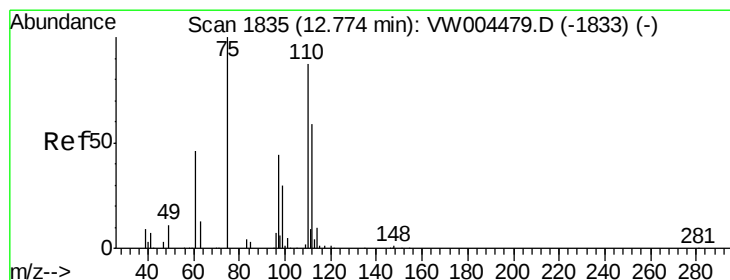
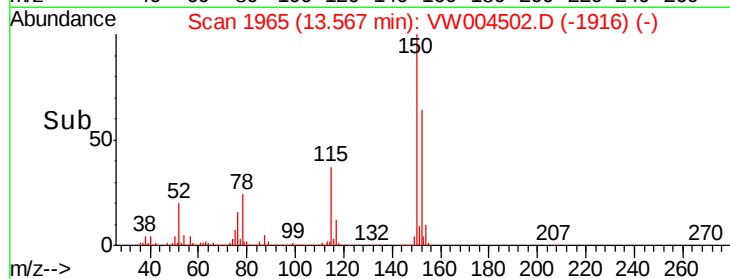
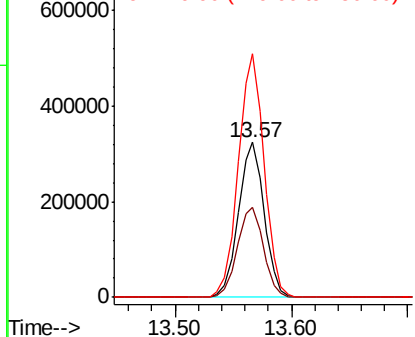
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004502.D
Acq: 07 Aug 2018 19:54

Instrument :
MSVOA_W
ClientSampleId :
VW0808SBL01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.1	87.3
150	157.1	0.0	349.6



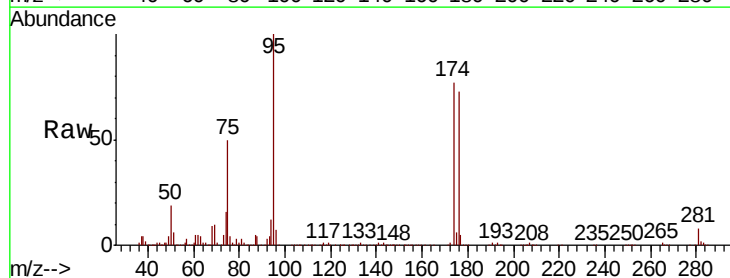
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



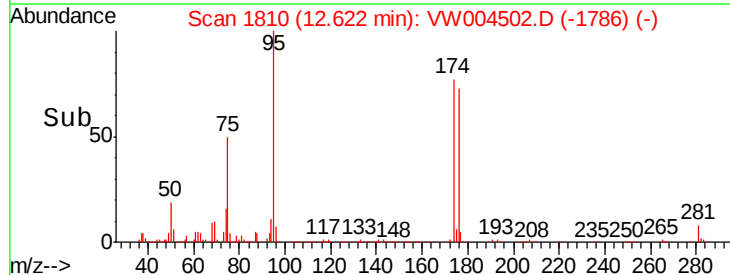
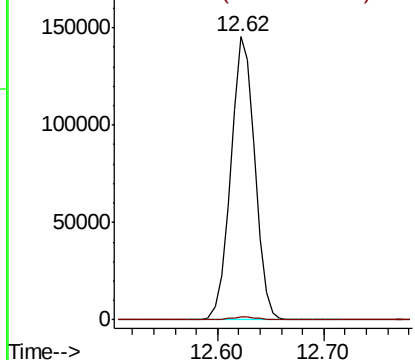
#76

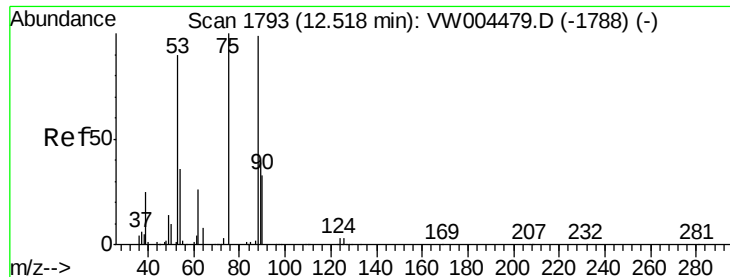
1,2,3-Trichloropropane
Concen: 44.535 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004502.D
Acq: 07 Aug 2018 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 106.610 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004502.D

Acq: 07 Aug 2018 19:54

Instrument :

MSVOA_W

ClientSampleId :

VW0808SBL01

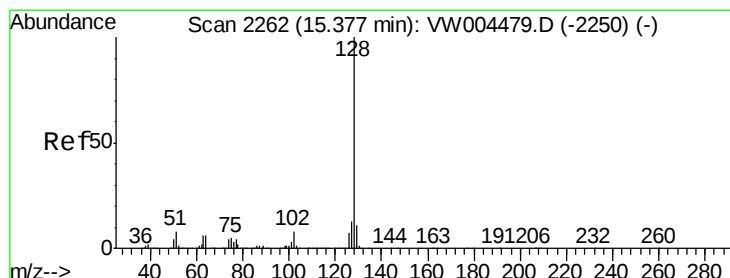
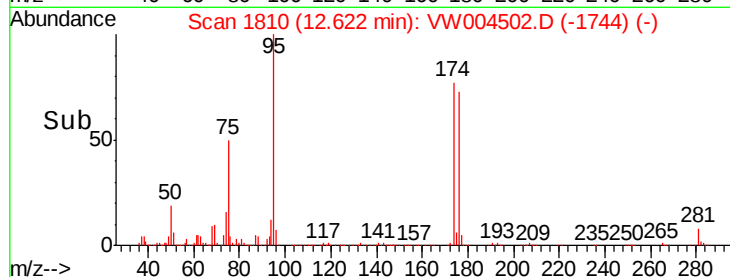
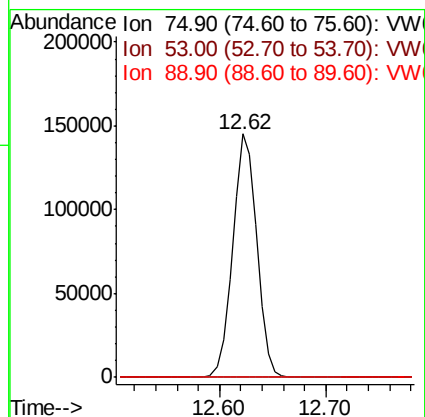
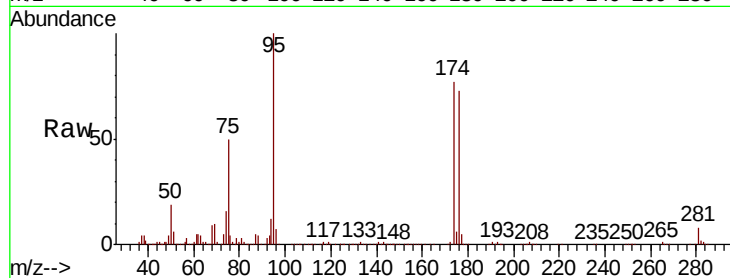
Tgt Ion: 75 Resp: 229709

Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

89 0.0 35.9 53.9#



#95

Naphthalene

Concen: 3.060 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004502.D

Acq: 07 Aug 2018 19:54

Tgt Ion: 128 Resp: 3435

Ion Ratio Lower Upper

128 100

127 9.9 10.3 15.5#

129 8.0 8.6 13.0#

