

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
 Data File : VW004546.D
 Acq On : 08 Aug 2018 23:44
 Operator : SY/AP
 Sample : J4313-13RE
 Misc : 4.19G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-11RE

Quant Time: Aug 09 05:17:12 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	529109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	883748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	760827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	274363	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	347295	59.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.58%	
35) Dibromofluoromethane	7.89	113	312153	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	10.33	98	938086	41.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.52%	
62) 4-Bromofluorobenzene	12.62	95	256459	31.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.38%	

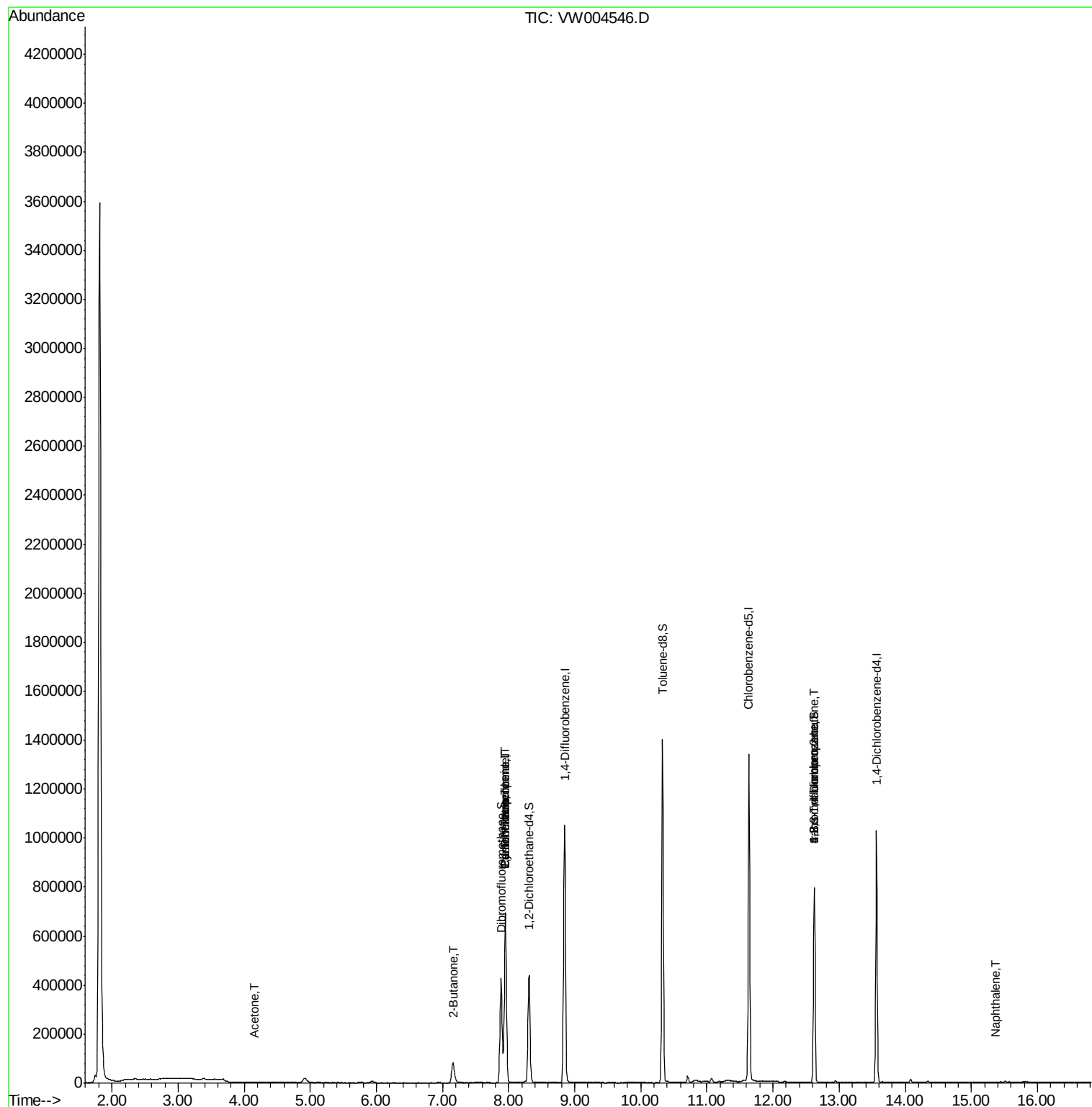
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	2028	1.386	ug/l	99
20) Methylene Chloride	4.90	84	17566	Below Cal		90
25) 2-Butanone	7.15	43	5042	2.143	ug/l #	67
31) Cyclohexane	7.95	56	10990	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	42933	4.512	ug/l #	49
38) Carbon Tetrachloride	7.95	117	49966	5.835	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	125515	44.210	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	125515	105.833	ug/l #	13
95) Naphthalene	15.38	128	792	2.976	ug/l #	80

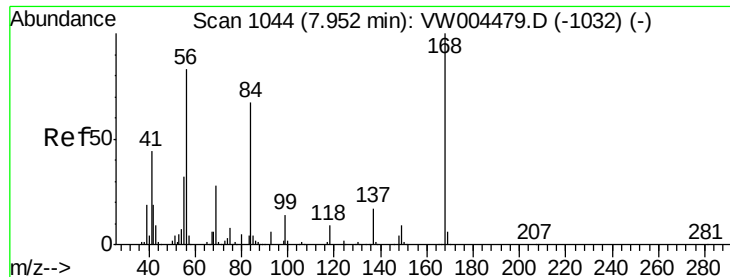
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081018\
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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: VW004546.D

Acq: 08 Aug 2018 23:44

Instrument :

MSVOA_W

ClientSampled :

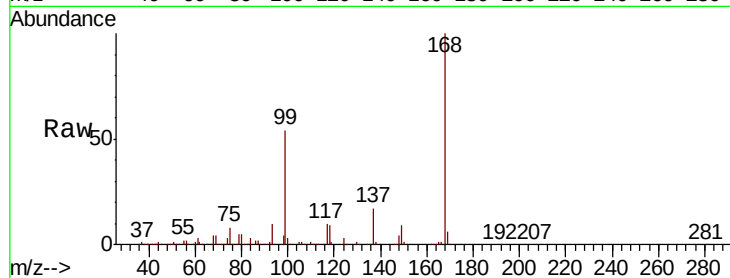
C-11RE

Tgt Ion:168 Resp: 529109

Ion Ratio Lower Upper

168 100

99 54.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

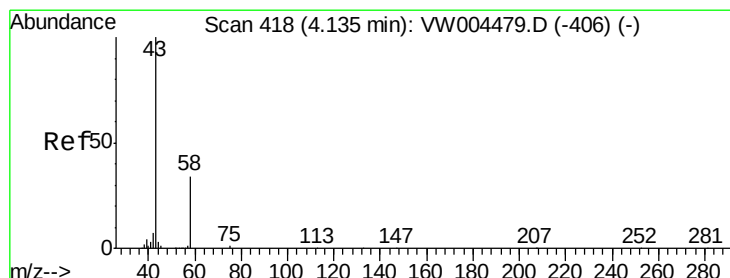
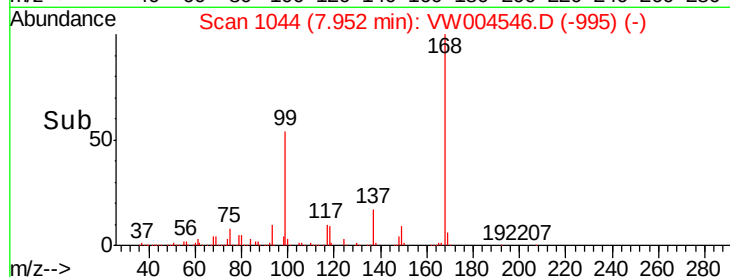
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.386 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.02 min

Lab File: VW004546.D

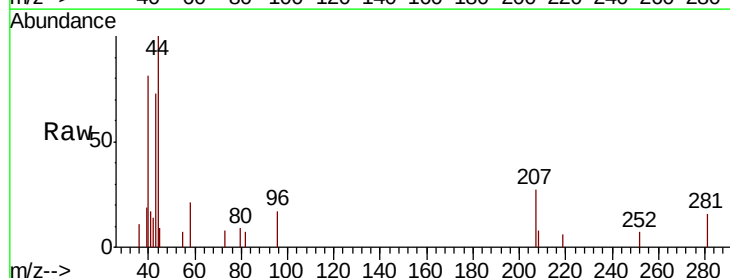
Acq: 08 Aug 2018 23:44

Tgt Ion: 43 Resp: 2028

Ion Ratio Lower Upper

43 100

58 32.7 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

800

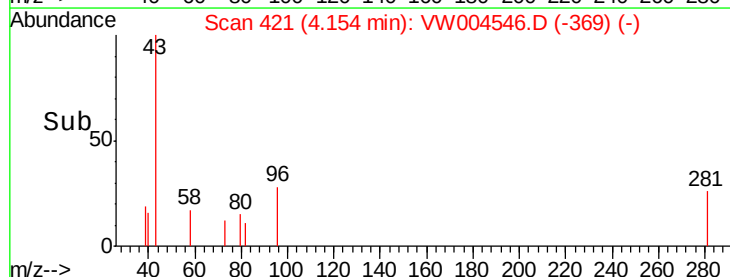
600

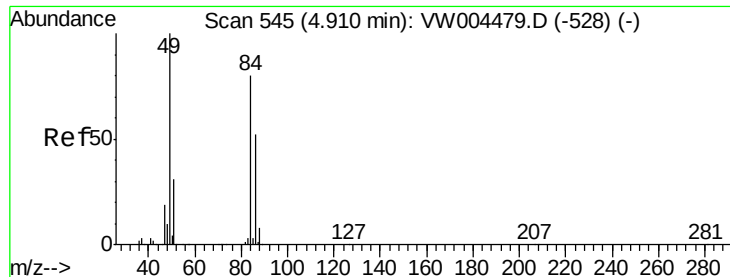
400

200

0

Time-->

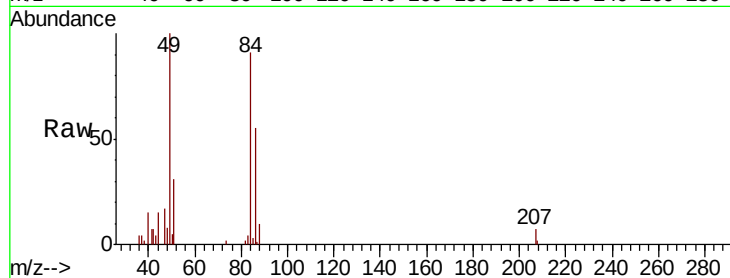




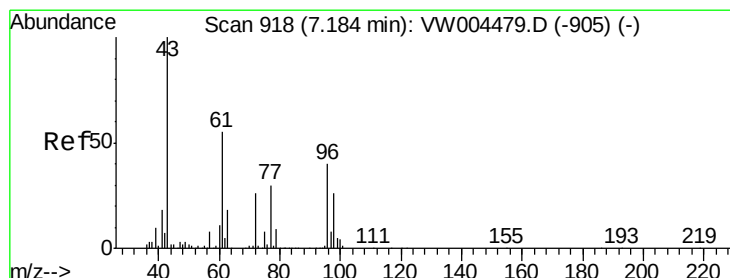
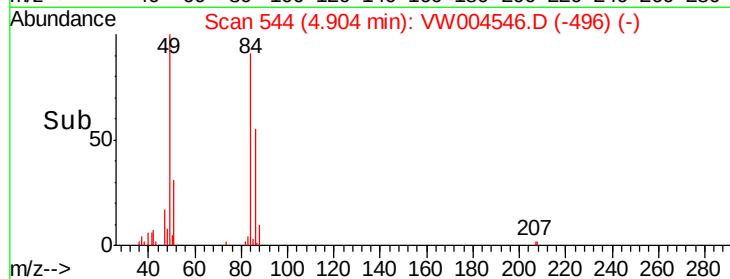
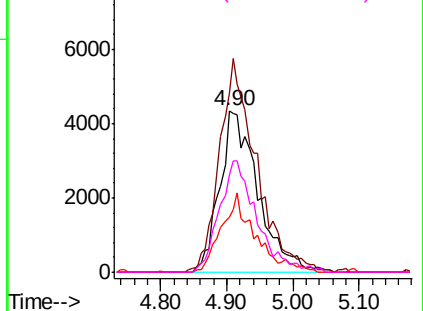
#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW004546.D
Acq: 08 Aug 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
C-11RE

Tgt Ion: 84 Resp: 17566
Ion Ratio Lower Upper
84 100
49 109.2 99.6 149.4
51 34.0 31.0 46.4
86 60.3 51.5 77.3

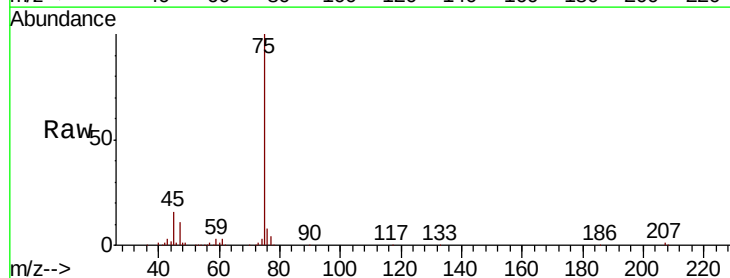


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

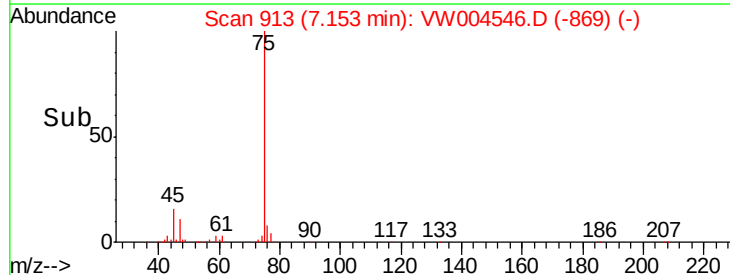
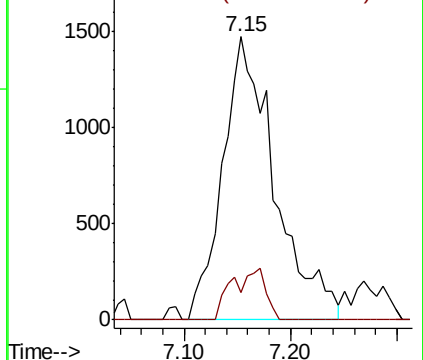


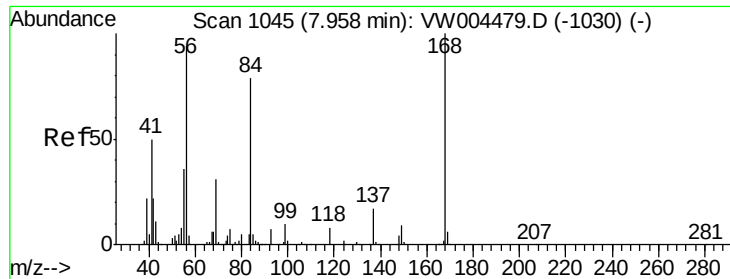
#25
2-Butanone
Concen: 2.143 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW004546.D
Acq: 08 Aug 2018 23:44

Tgt Ion: 43 Resp: 5042
Ion Ratio Lower Upper
43 100
72 9.6 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.002 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW004546.D

Acq: 08 Aug 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

C-11RE

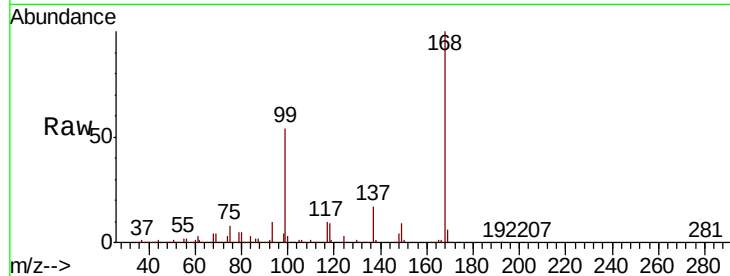
Tgt Ion: 56 Resp: 10990

Ion Ratio Lower Upper

56 100

69 193.5 26.4 39.6#

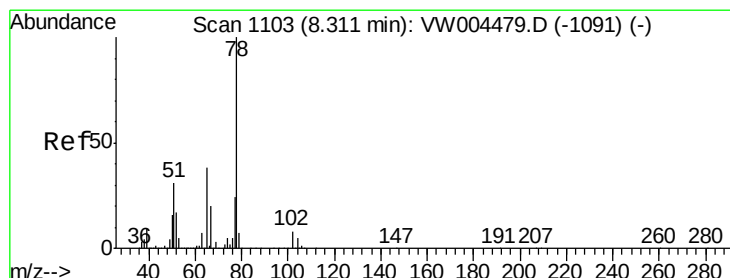
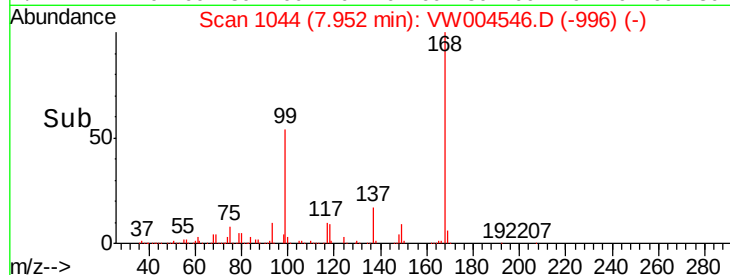
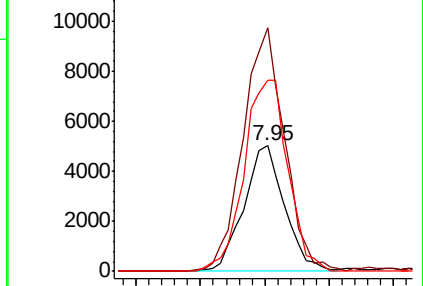
84 152.1 66.9 100.3#



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: 59.295 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004546.D

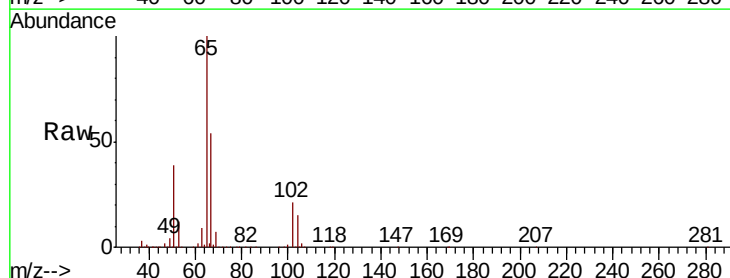
Acq: 08 Aug 2018 23:44

Tgt Ion: 65 Resp: 347295

Ion Ratio Lower Upper

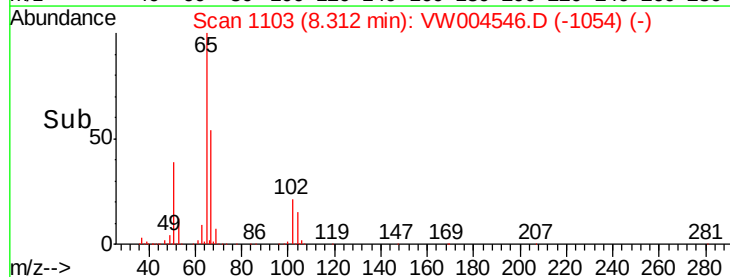
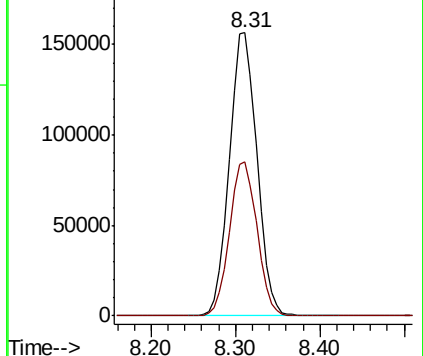
65 100

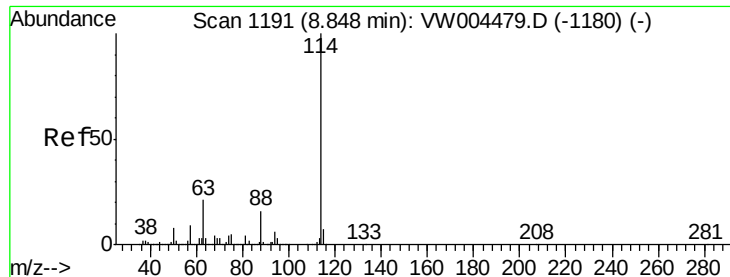
67 54.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

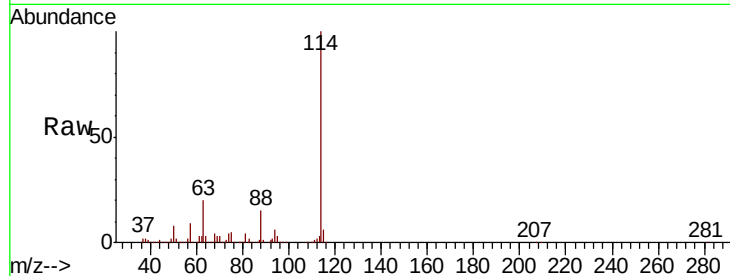




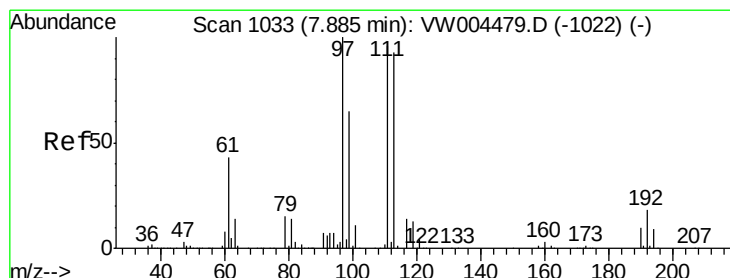
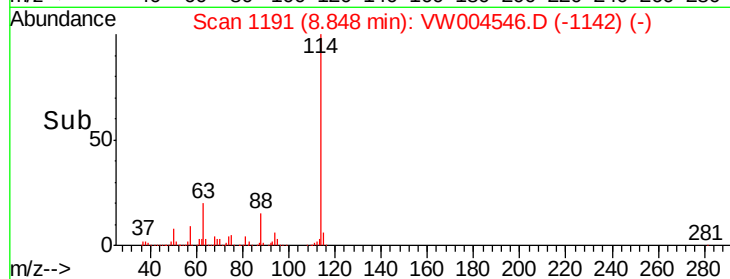
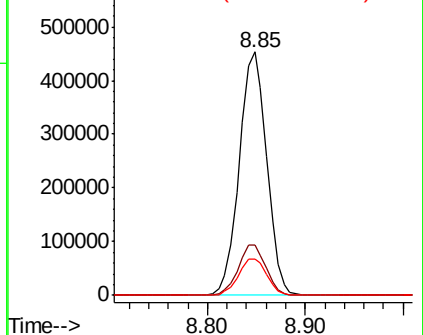
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004546.D
 Acq: 08 Aug 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 C-11RE

Tgt Ion:114 Resp: 883748
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.1 0.0 31.2

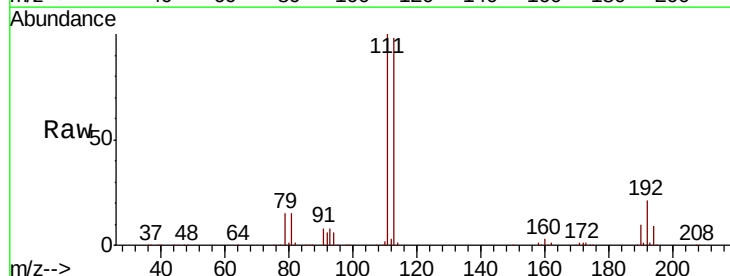


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

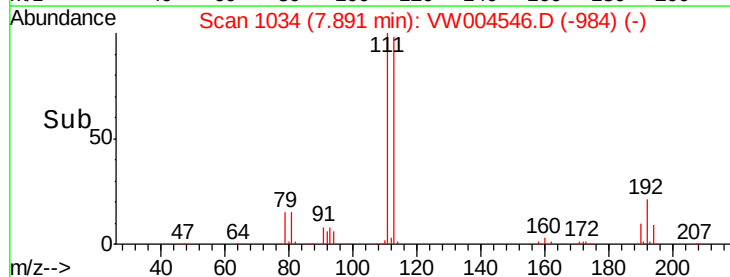
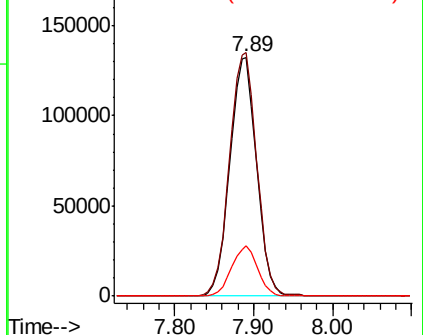


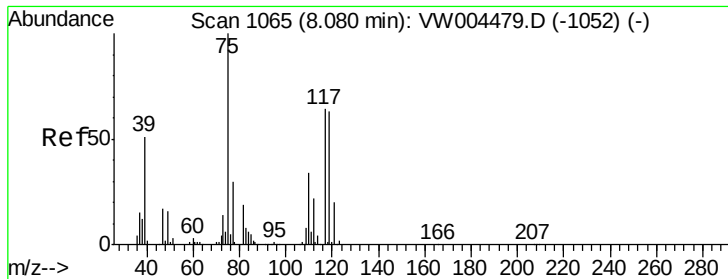
#35
 Dibromofluoromethane
 Concen: 52.974 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004546.D
 Acq: 08 Aug 2018 23:44

Tgt Ion:113 Resp: 312153
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 20.3 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.512 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004546.D

Acq: 08 Aug 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

C-11RE

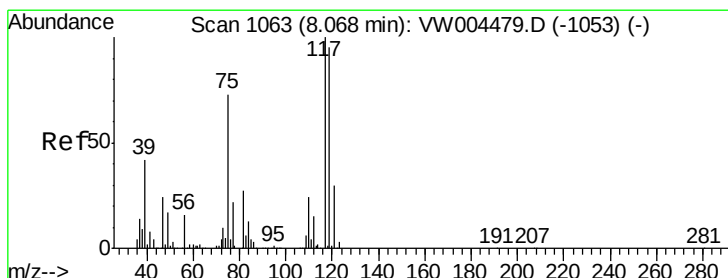
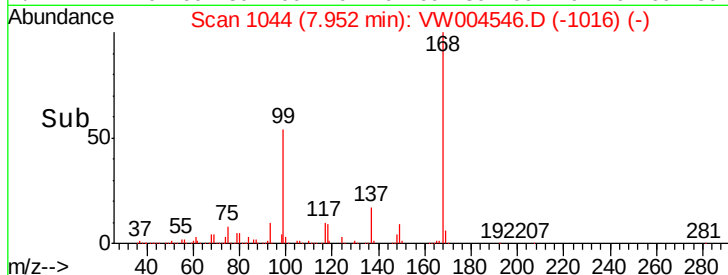
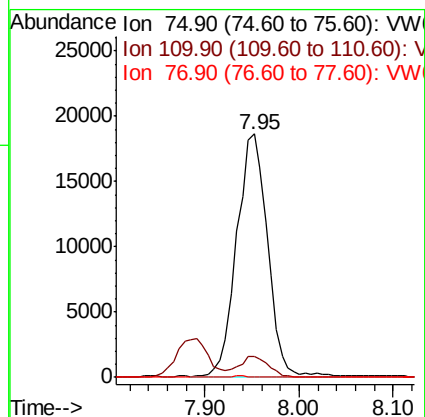
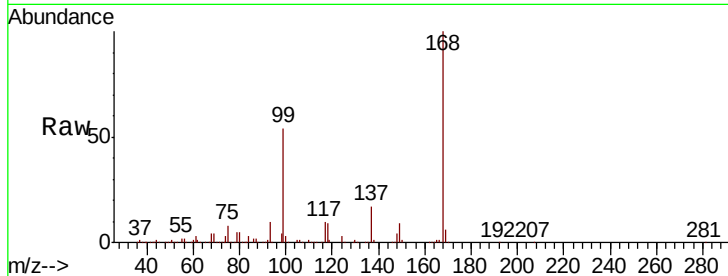
Tgt Ion: 75 Resp: 42933

Ion Ratio Lower Upper

75 100

110 8.2 17.4 52.2#

77 0.2 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.835 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004546.D

Acq: 08 Aug 2018 23:44

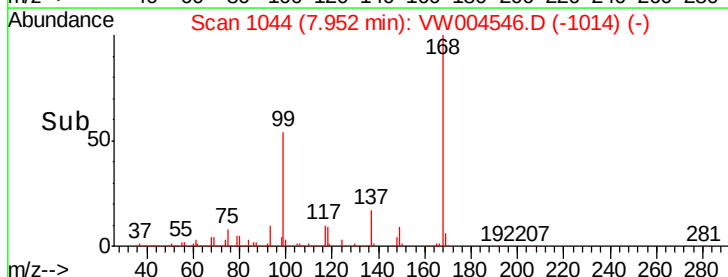
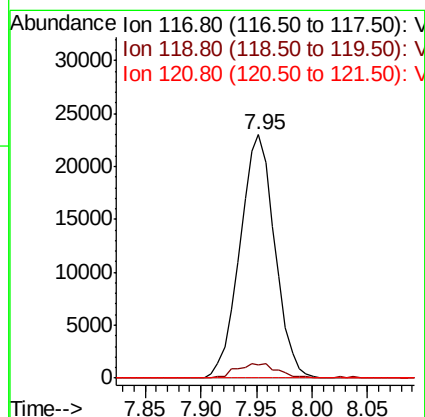
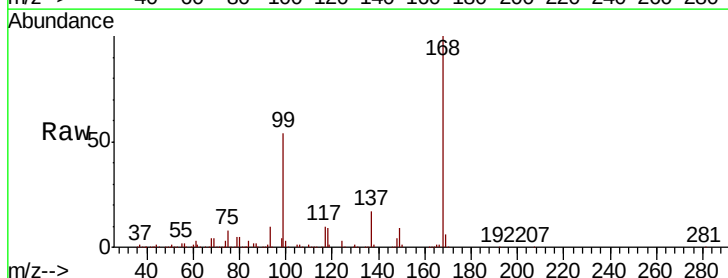
Tgt Ion: 117 Resp: 49966

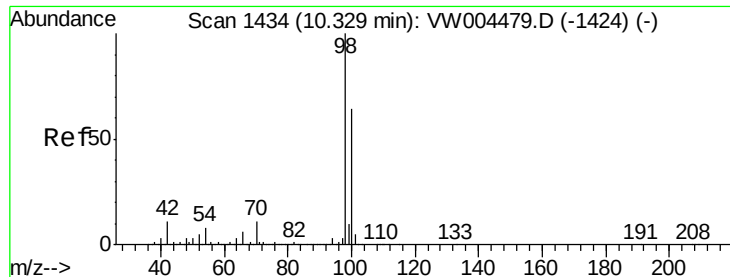
Ion Ratio Lower Upper

117 100

119 5.2 76.1 114.1#

121 0.0 24.2 36.4#





#50

Toluene-d8

Concen: 41.758 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004546.D

Acq: 08 Aug 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

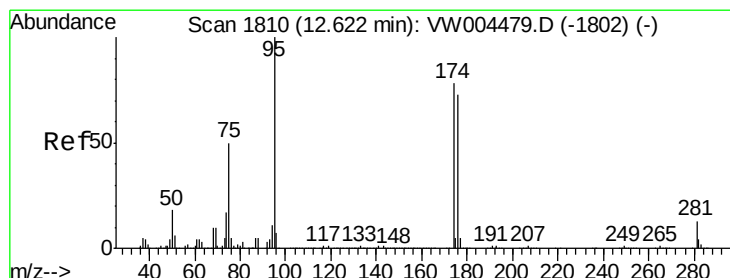
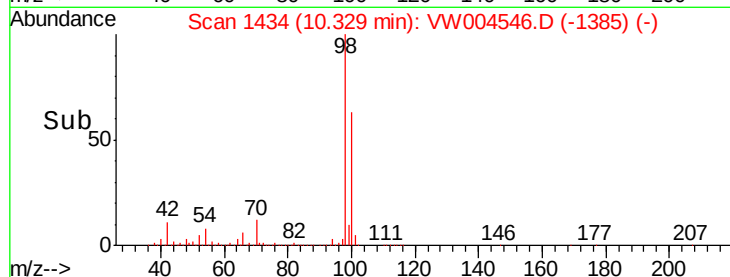
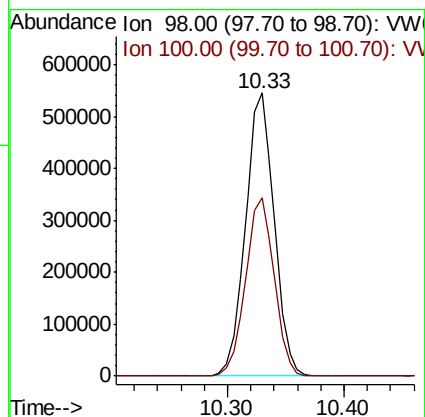
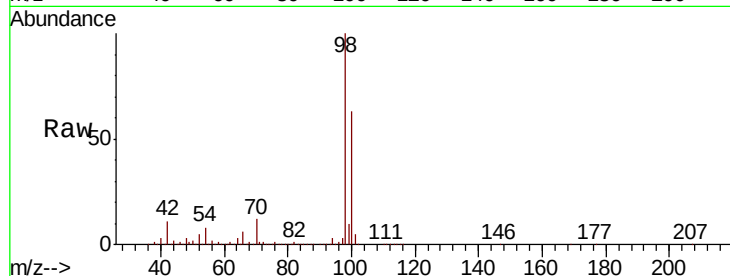
C-11RE

Tgt Ion: 98 Resp: 938086

Ion Ratio Lower Upper

98 100

100 62.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 31.692 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW004546.D

Acq: 08 Aug 2018 23:44

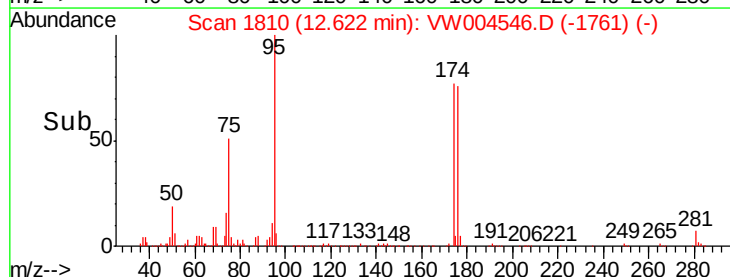
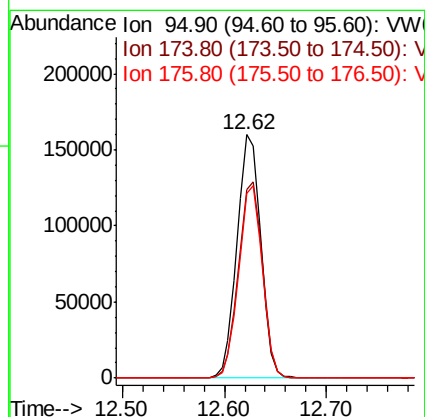
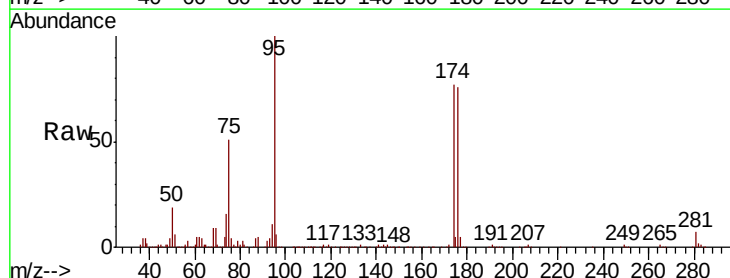
Tgt Ion: 95 Resp: 256459

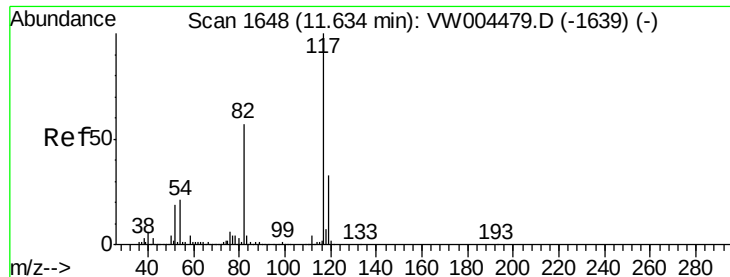
Ion Ratio Lower Upper

95 100

174 81.8 0.0 160.4

176 78.9 0.0 153.2

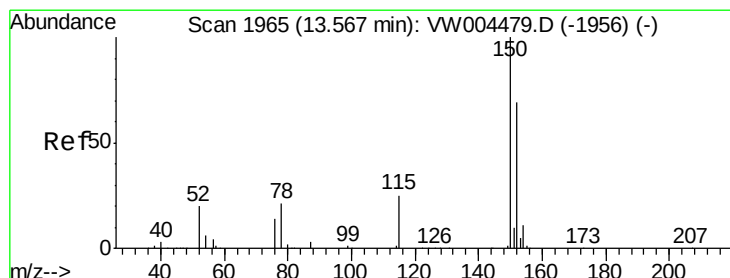
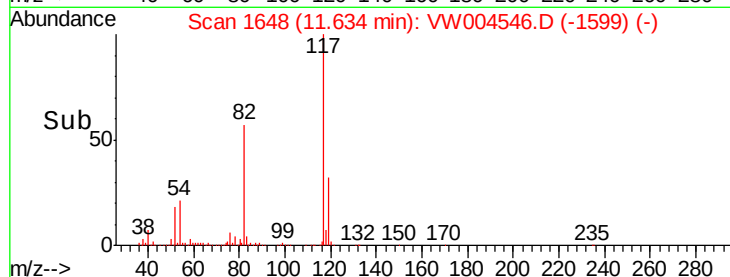
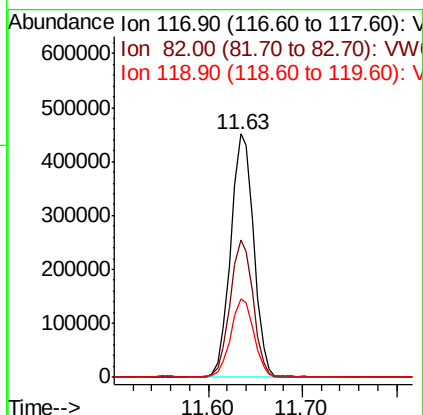
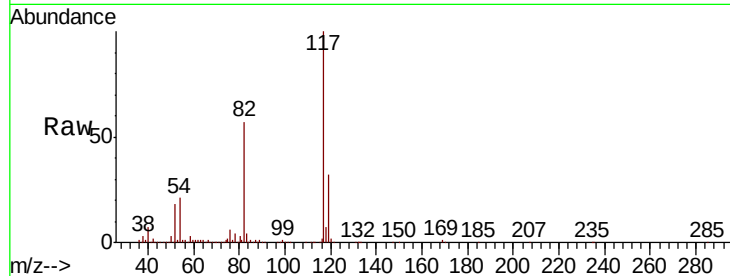




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004546.D
Acq: 08 Aug 2018 23:44

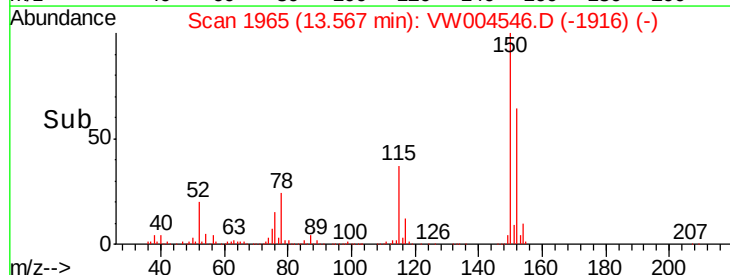
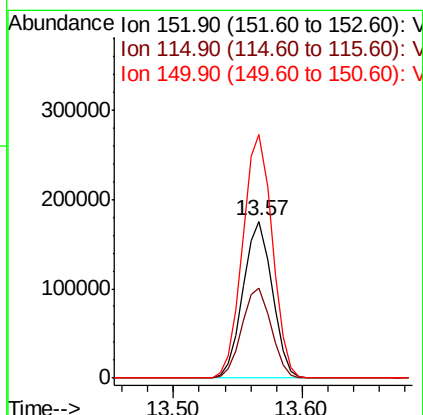
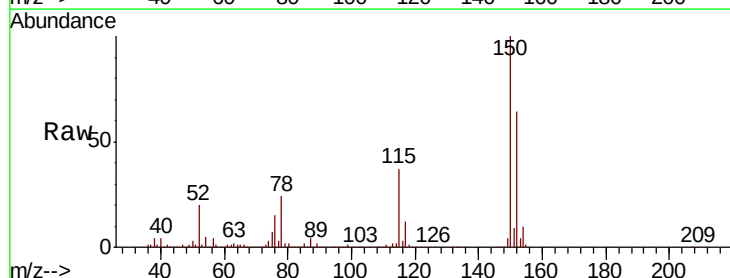
Instrument :
MSVOA_W
ClientSampleId :
C-11RE

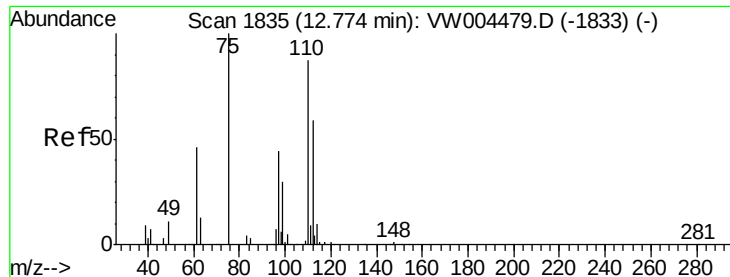
Tgt Ion:117 Resp: 760827
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004546.D
Acq: 08 Aug 2018 23:44

Tgt Ion:152 Resp: 274363
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.8 0.0 349.6

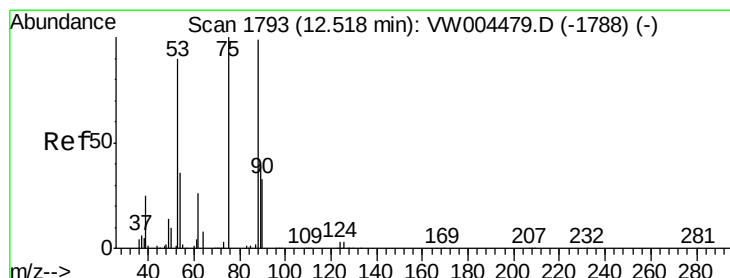
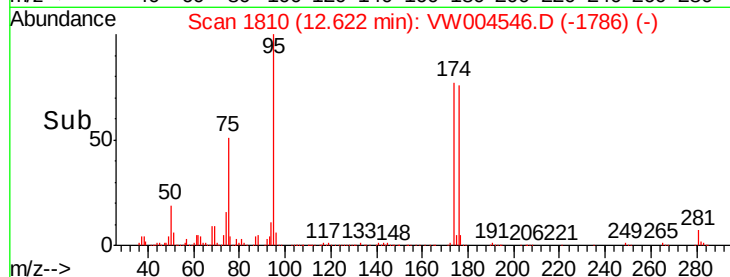
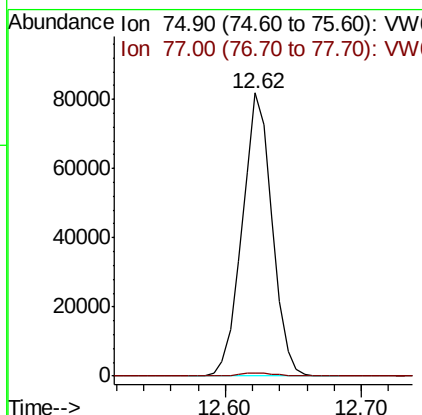
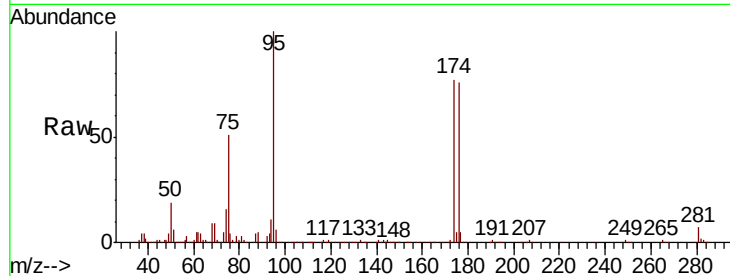




#76
 1,2,3-Trichloropropane
 Concen: 44.210 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004546.D
 Acq: 08 Aug 2018 23:44

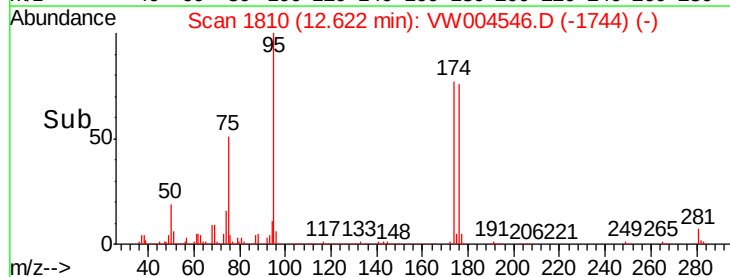
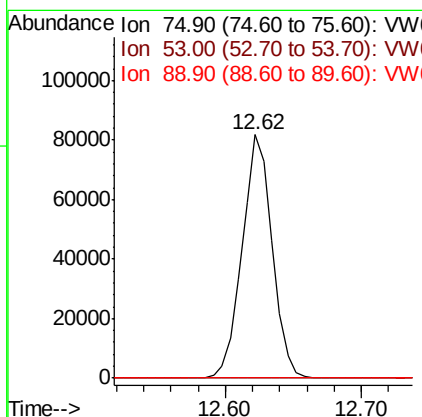
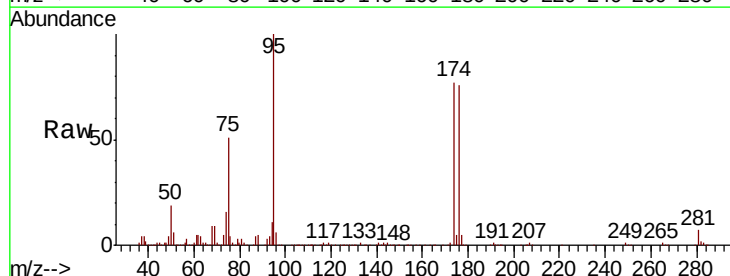
Instrument :
 MSVOA_W
 ClientSampleId :
 C-11RE

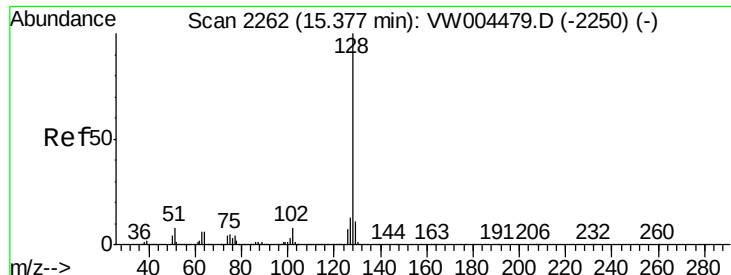
Tgt Ion: 75 Resp: 125515
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.833 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004546.D
 Acq: 08 Aug 2018 23:44

Tgt Ion: 75 Resp: 125515
 Ion Ratio Lower Upper
 75 100
 53 0.3 74.4 111.6#
 89 0.0 35.9 53.9#





#95
Naphthalene
Concen: 2.976 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004546.D
Acq: 08 Aug 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
C-11RE

Tgt Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.3	15.5#
129	0.0	8.6	13.0#

