

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080818\
 Data File : VW004524.D
 Acq On : 08 Aug 2018 05:22
 Operator : SY/AP
 Sample : J4313-17
 Misc : 4.78G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C-13

Quant Time: Aug 08 09:22:58 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

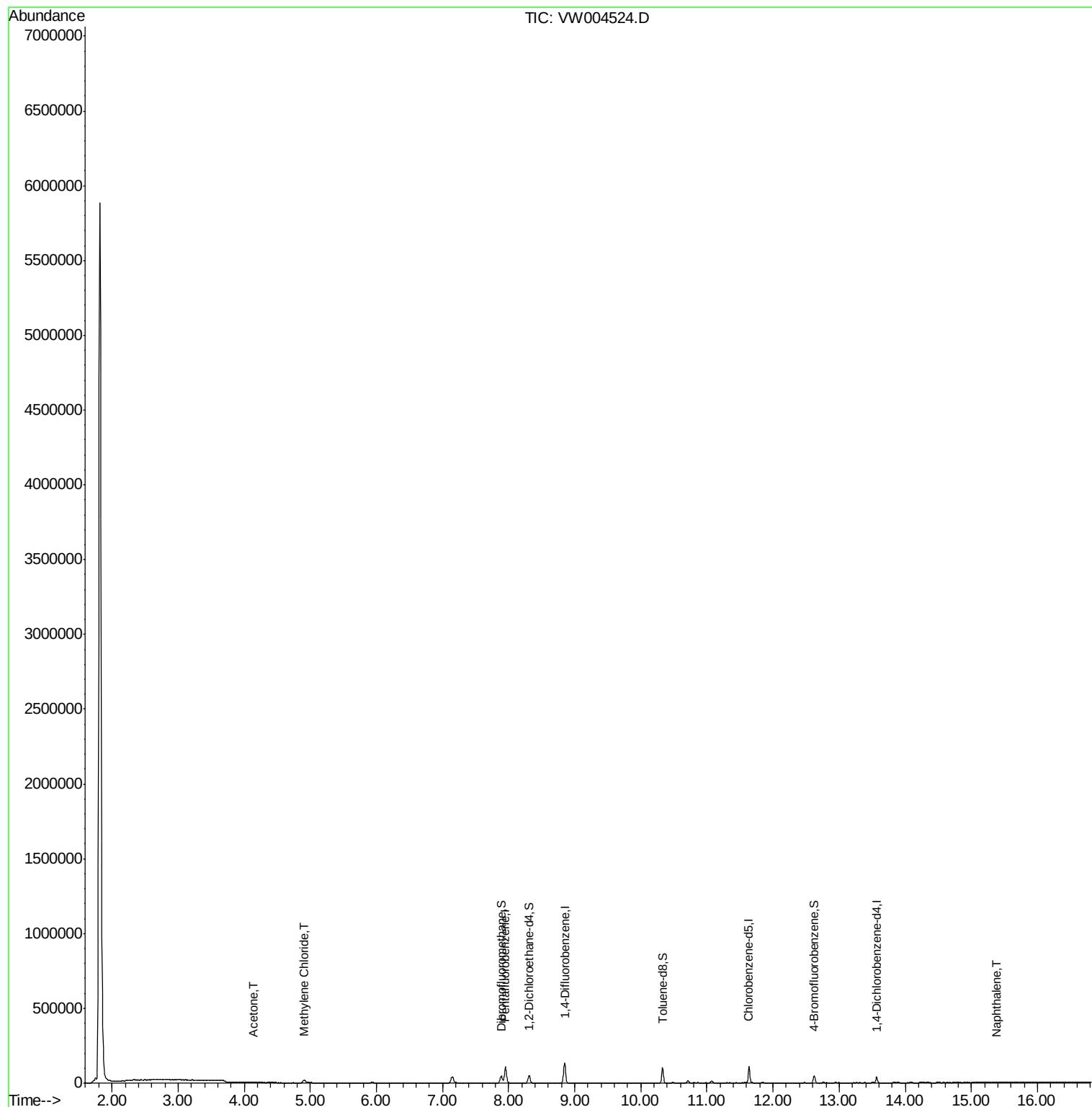
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	77844	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	107583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	62582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	10689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38443	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
35) Dibromofluoromethane	7.88	113	35770	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	10.33	98	70671	25.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.68%	
62) 4-Bromofluorobenzene	12.63	95	10742	10.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	21.80%	
Target Compounds						
16) Acetone	4.14	43	8300	38.57	ug/l	Qvalue 89
20) Methylene Chloride	4.90	84	13607	4.96	ug/l	92
95) Naphthalene	15.38	128	3253	9.33	ug/l	98

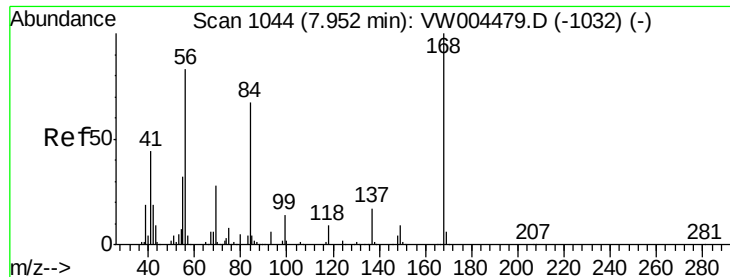
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004524.D

Acq: 08 Aug 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

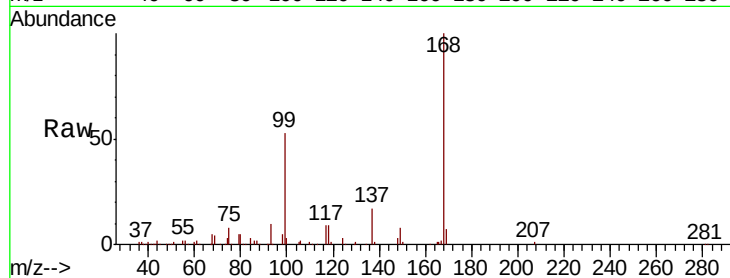
C-13

Tot Ion:168 Resp: 77844

Ion Ratio Lower Upper

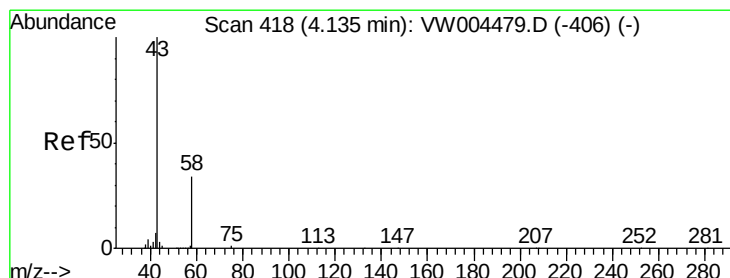
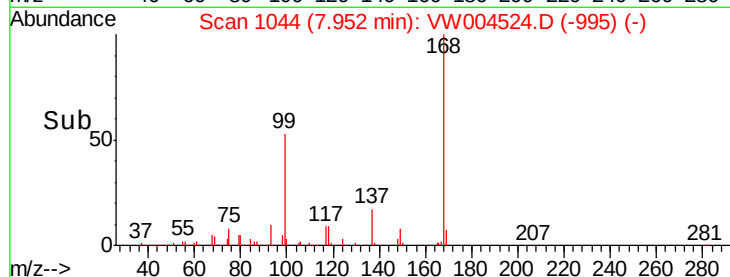
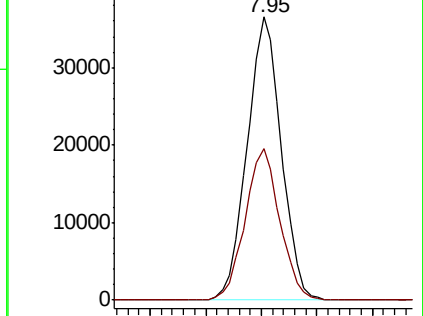
168 100

99 53.5 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 38.57 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004524.D

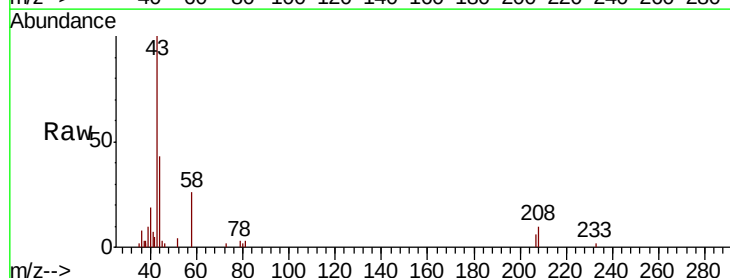
Acq: 08 Aug 2018 05:22

Tgt Ion: 43 Resp: 8300

Ion Ratio Lower Upper

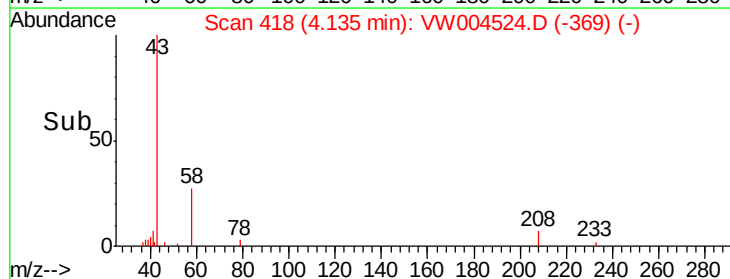
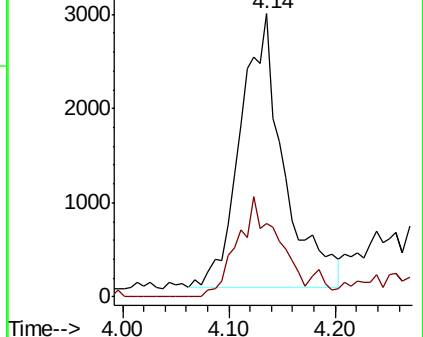
43 100

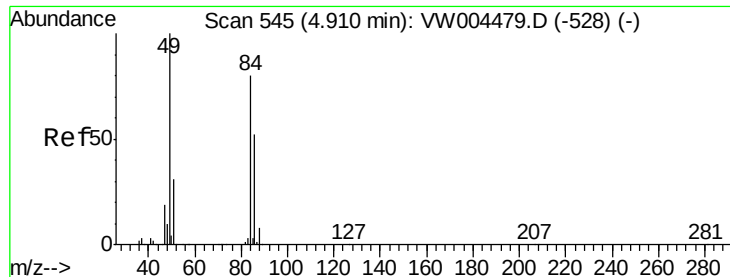
58 27.1 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 4.96 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW004524.D

Acq: 08 Aug 2018 05:22

Instrument :

MSVOA_W

ClientSampled :

C-13

Tot Ion: 84 Resp: 13607

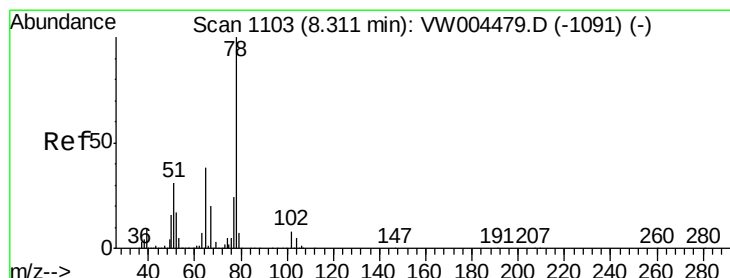
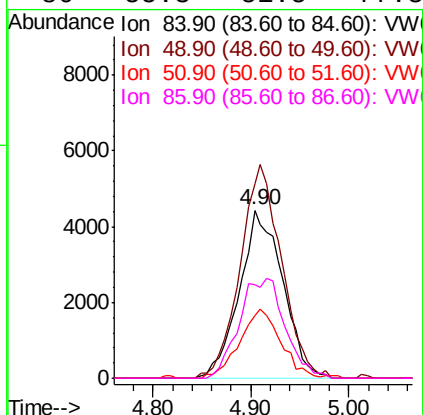
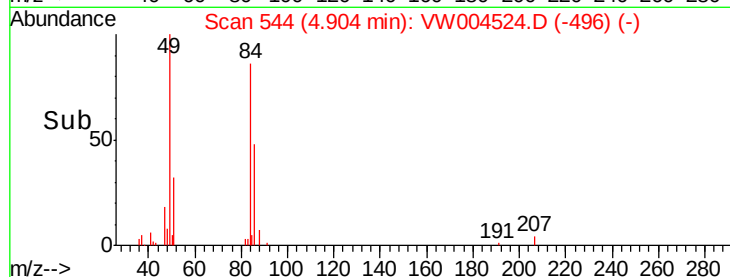
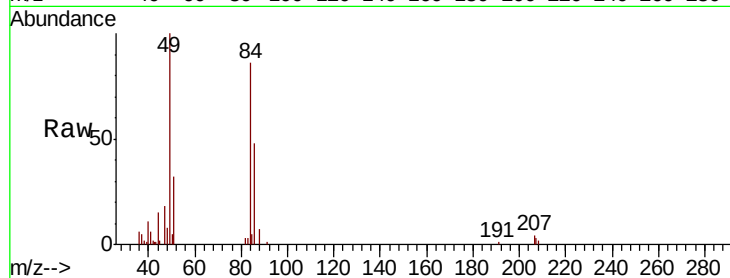
Ion Ratio Lower Upper

84 100

49 116.0 99.6 149.4

51 37.1 31.0 46.4

86 55.3 51.5 77.3



#33

1,2-Dichloroethane-d4

Concen: 44.61 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004524.D

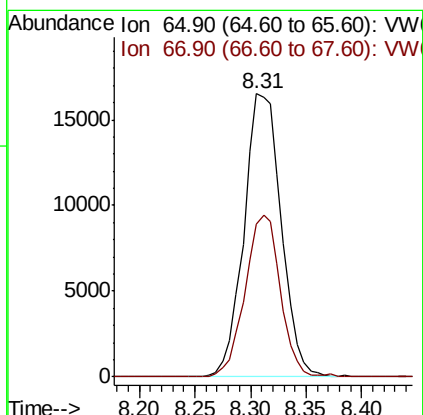
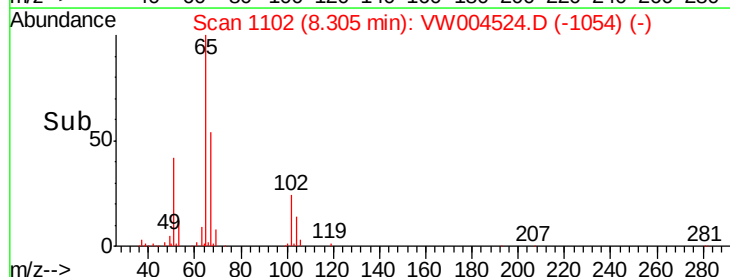
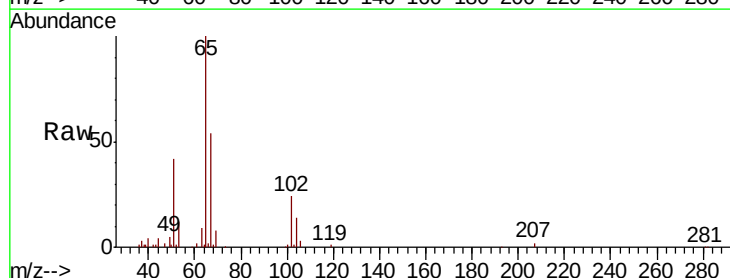
Acq: 08 Aug 2018 05:22

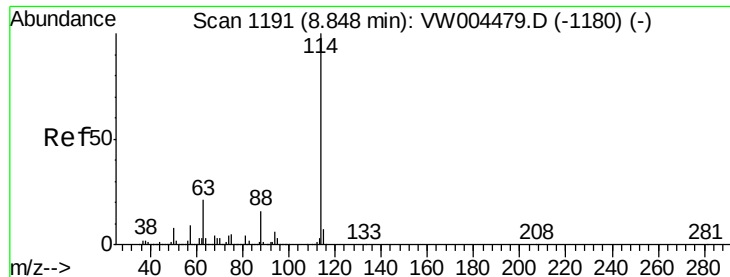
Tgt Ion: 65 Resp: 38443

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0

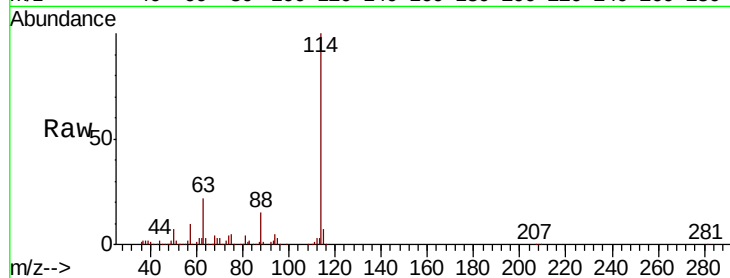




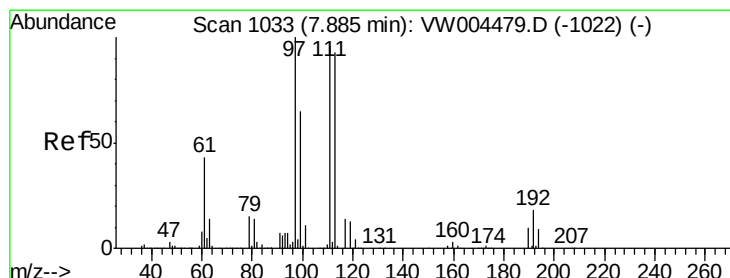
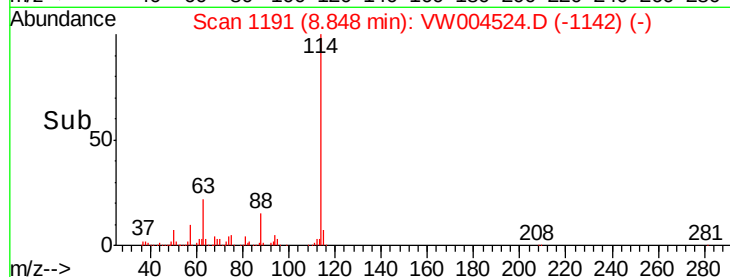
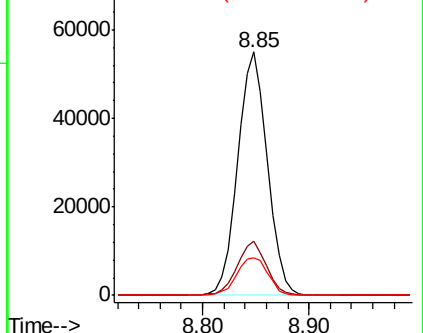
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004524.D
 Acq: 08 Aug 2018 05:22

Instrument :
 MSVOA_W
 ClientSampleId :
 C-13

Tot Ion:114 Resp: 107583
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 15.4 0.0 31.2

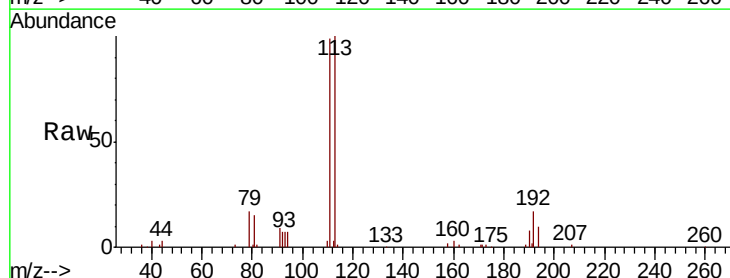


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

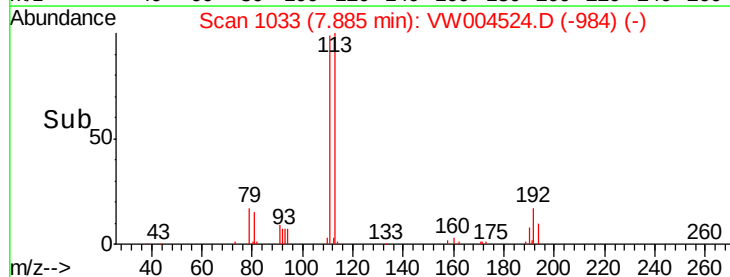
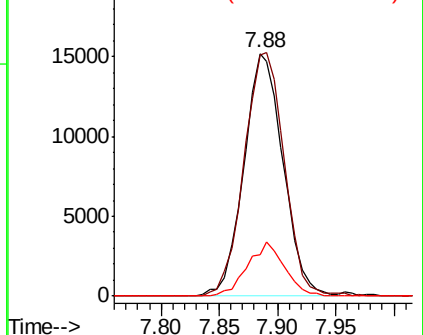


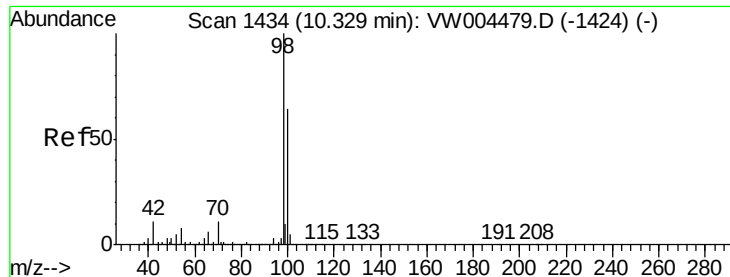
#35
 Dibromofluoromethane
 Concen: 49.87 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004524.D
 Acq: 08 Aug 2018 05:22

Tgt Ion:113 Resp: 35770
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 20.8 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





#50

Toluene-d8

Concen: 25.84 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004524.D

Acq: 08 Aug 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

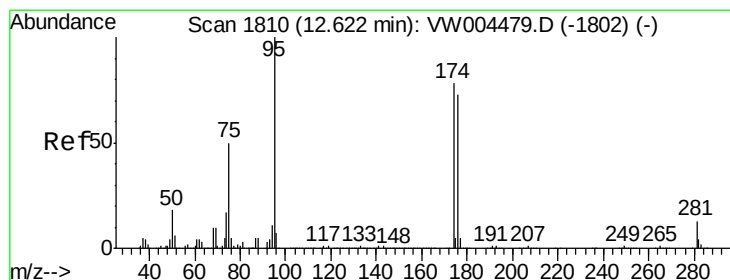
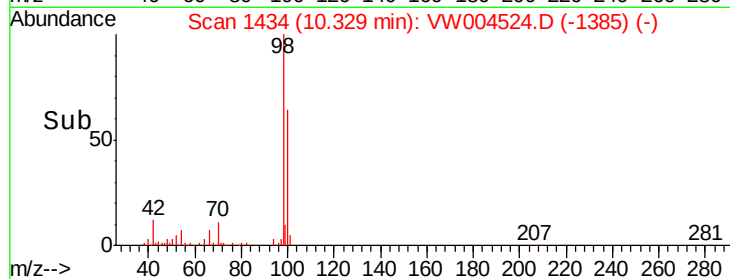
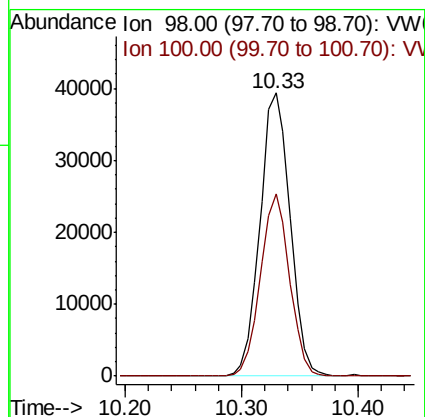
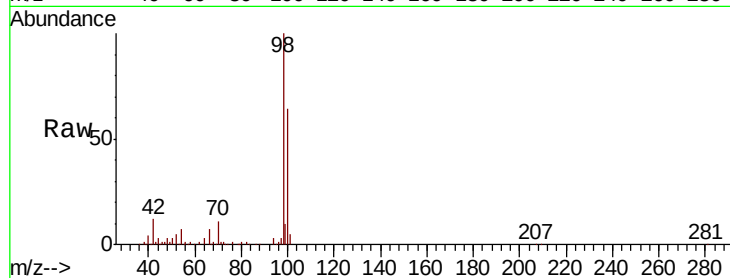
C-13

Tot Ion: 98 Resp: 70671

Ion Ratio Lower Upper

98 100

100 62.1 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 10.90 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004524.D

Acq: 08 Aug 2018 05:22

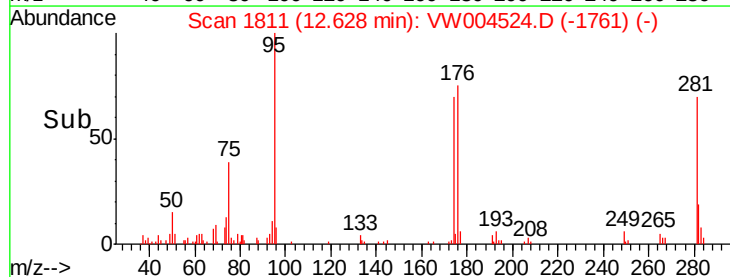
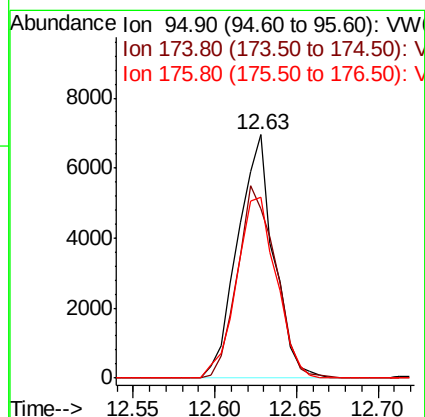
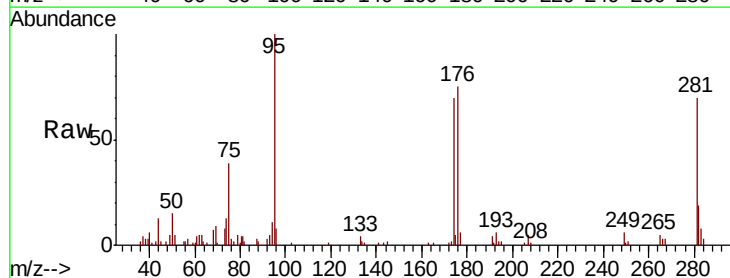
Tgt Ion: 95 Resp: 10742

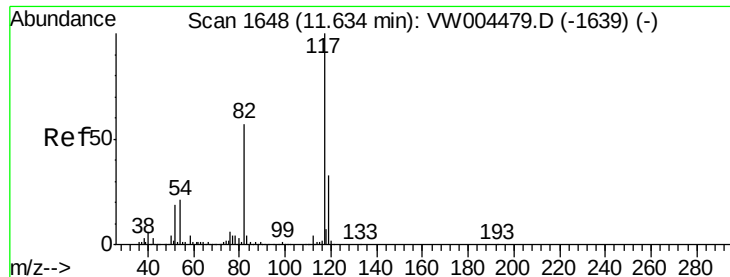
Ion Ratio Lower Upper

95 100

174 83.5 0.0 160.4

176 81.7 0.0 153.2

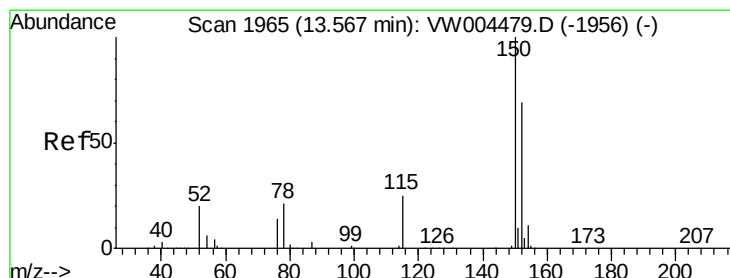
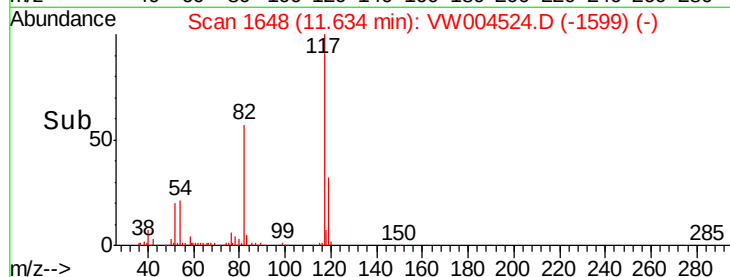
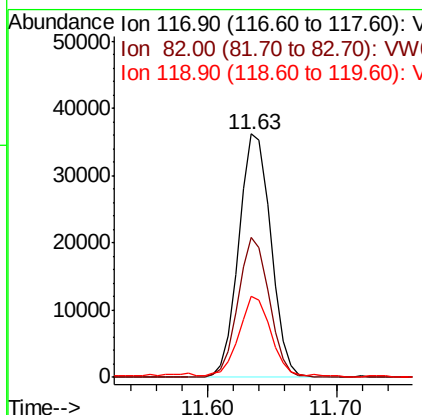
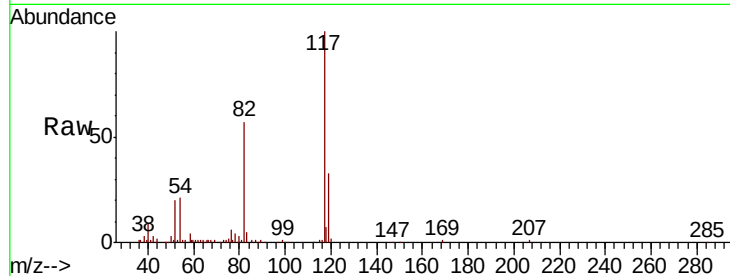




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004524.D
Acq: 08 Aug 2018 05:22

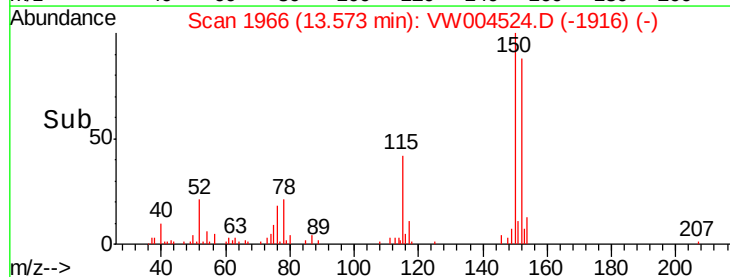
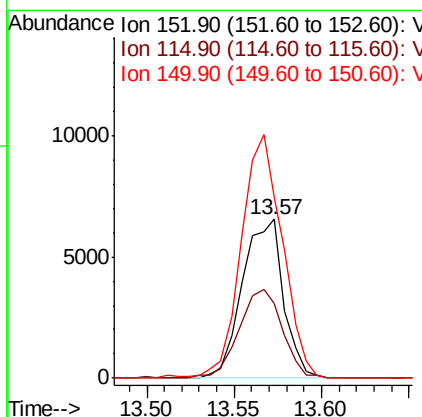
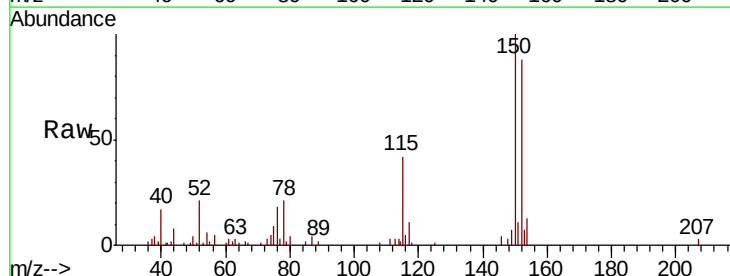
Instrument :
MSVOA_W
ClientSampleId :
C-13

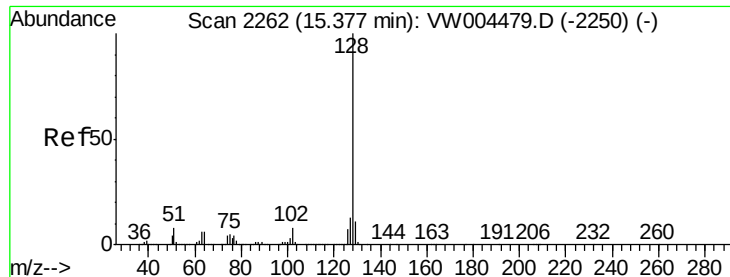
Tot Ion:117 Resp: 62582
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.01 min
Lab File: VW004524.D
Acq: 08 Aug 2018 05:22

Tgt Ion:152 Resp: 10689
Ion Ratio Lower Upper
152 100
115 58.9 29.1 87.3
150 153.4 0.0 349.6





#95

Naphthalene

Concen: 9.33 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004524.D

Acq: 08 Aug 2018 05:22

Instrument :

MSVOA_W

ClientSampleId :

C-13

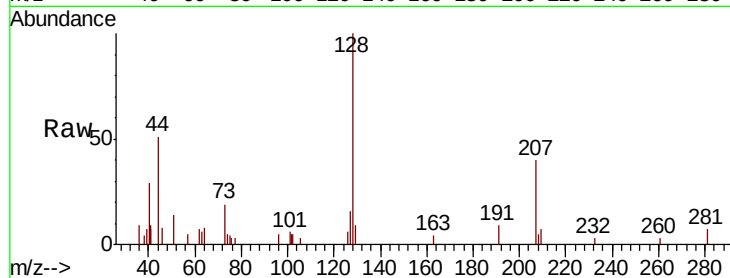
Tot Ion:128 Resp: 3253

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 12.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

