

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090518\
 Data File : VW005142.D
 Acq On : 05 Sep 2018 20:52
 Operator : SY/AP
 Sample : J4712-09RE
 Misc : 6.45G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06RE

Quant Time: Sep 06 12:32:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	545467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	857044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	794211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	326844	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	298561	66.03	ug/l	0.00
Spiked Amount			Recovery	=	132.06%	
35) Dibromofluoromethane	7.89	113	273196	55.16	ug/l	0.00
Spiked Amount			Recovery	=	110.32%	
50) Toluene-d8	10.33	98	1158444	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	12.63	95	359990	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	

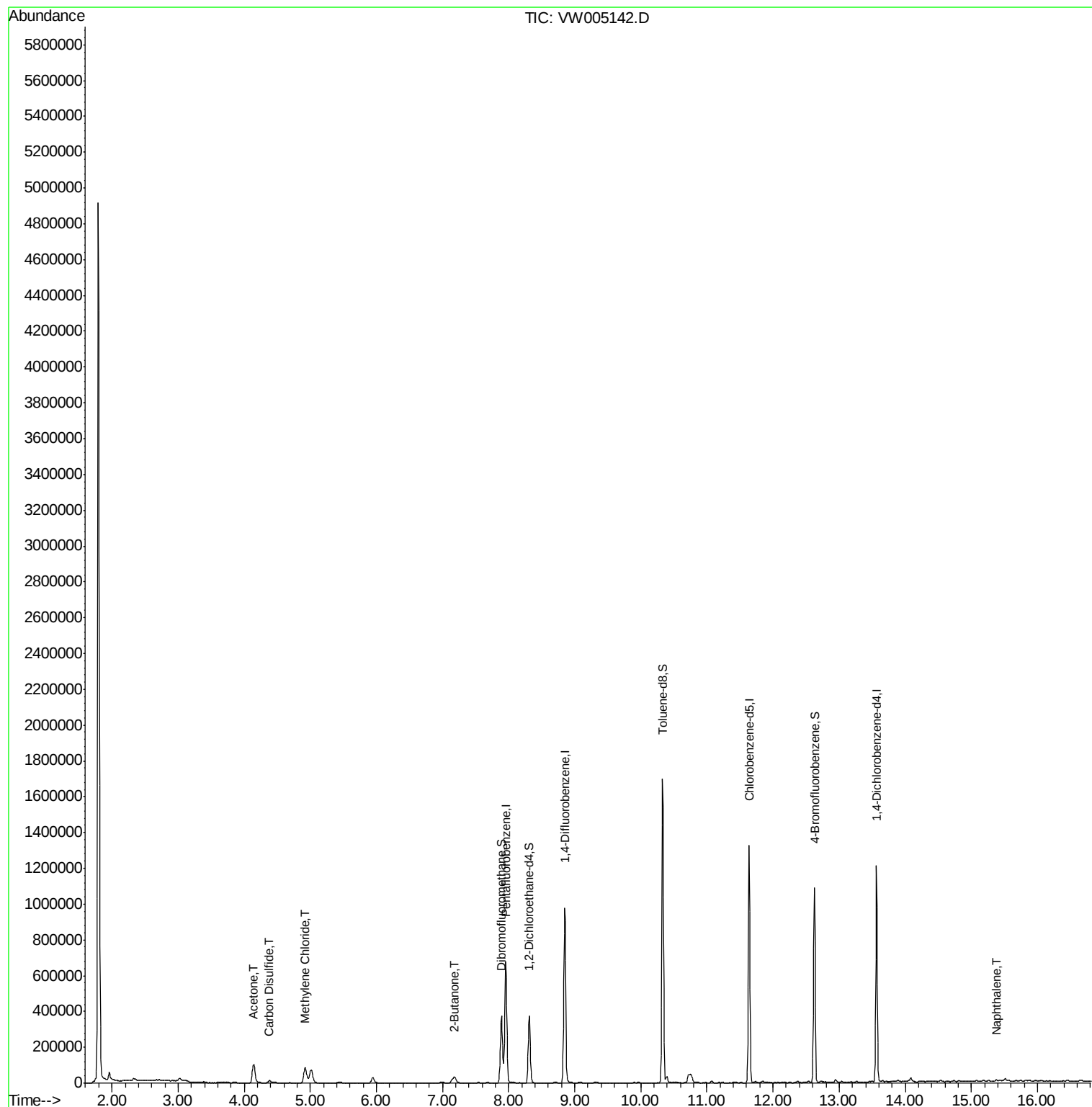
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	187881	207.19	ug/l	98
17) Carbon Disulfide	4.38	76	24904	1.62	ug/l	98
20) Methylene Chloride	4.92	84	67809	7.78	ug/l	99
25) 2-Butanone	7.19	43	47425	30.15	ug/l	98
95) Naphthalene	15.38	128	7598	4.57	ug/l	98

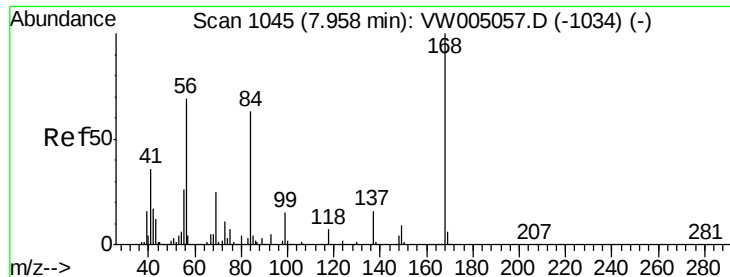
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW005142.D

Acq: 05 Sep 2018 20:52

Instrument :

MSVOA_W

ClientSampled :

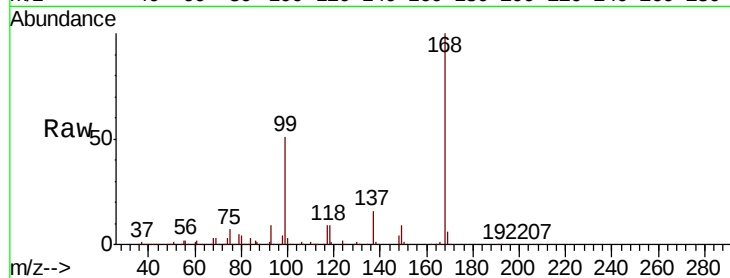
SB-06RE

Tot Ion:168 Resp: 545467

Ion Ratio Lower Upper

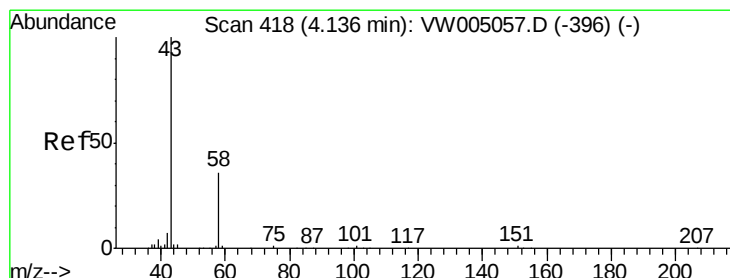
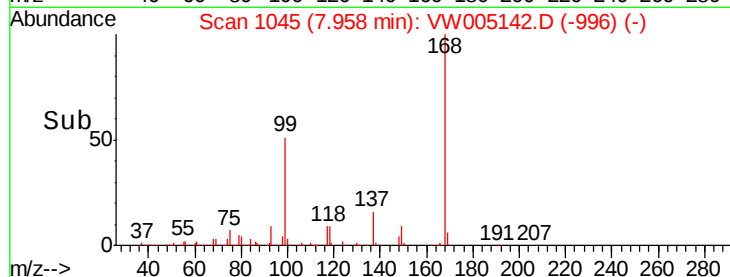
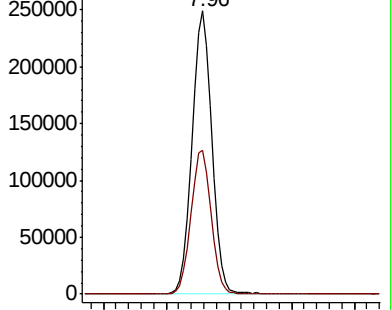
168 100

99 51.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 207.19 ug/l

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005142.D

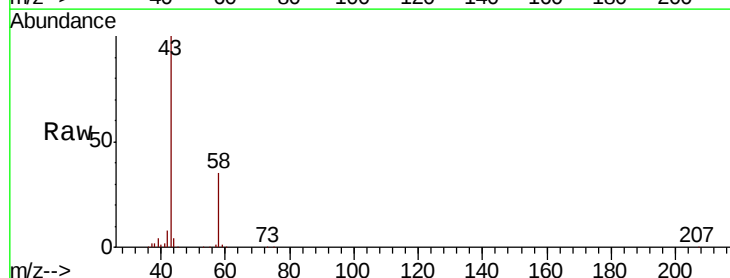
Acq: 05 Sep 2018 20:52

Tgt Ion: 43 Resp: 187881

Ion Ratio Lower Upper

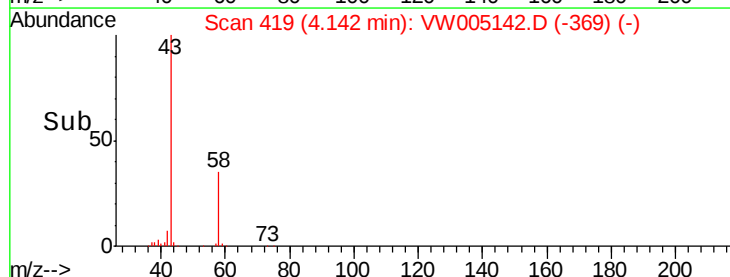
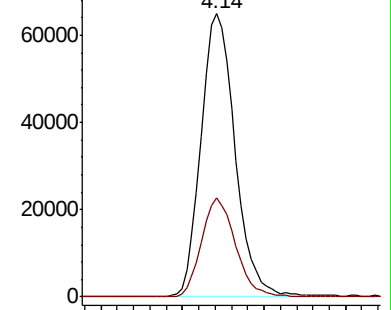
43 100

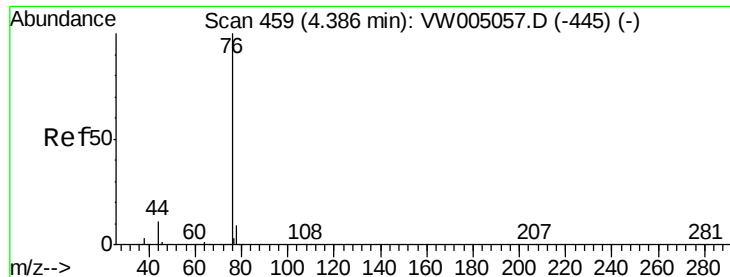
58 34.9 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.62 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW005142.D

Acq: 05 Sep 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

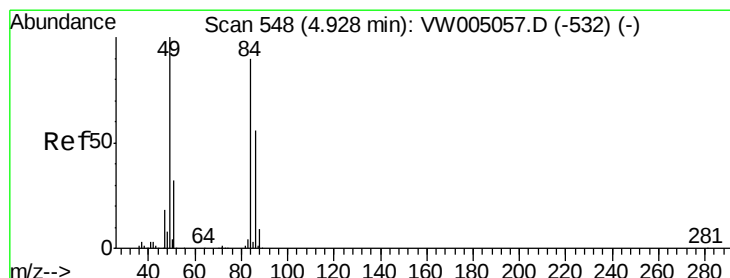
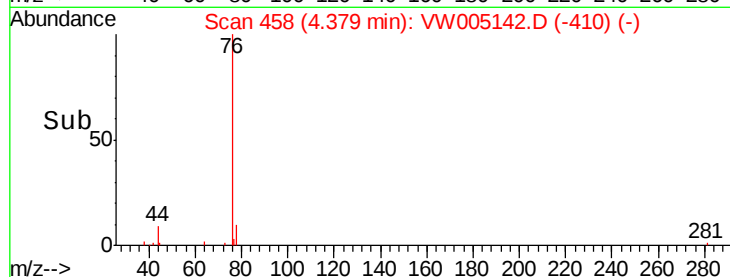
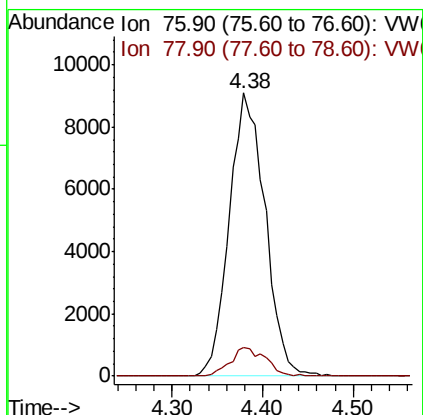
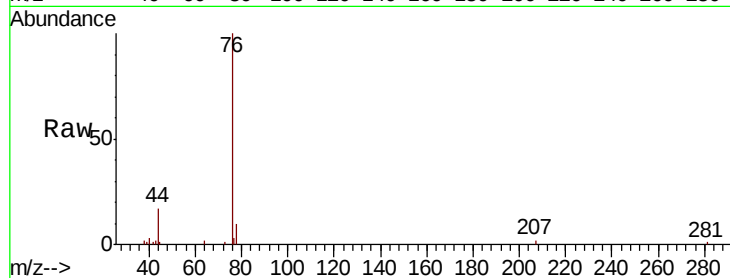
SB-06RE

Tot Ion: 76 Resp: 24904

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9



#20

Methylene Chloride

Concen: 7.78 ug/l

RT: 4.92 min Scan# 547

Delta R.T. -0.01 min

Lab File: VW005142.D

Acq: 05 Sep 2018 20:52

Tgt Ion: 84 Resp: 67809

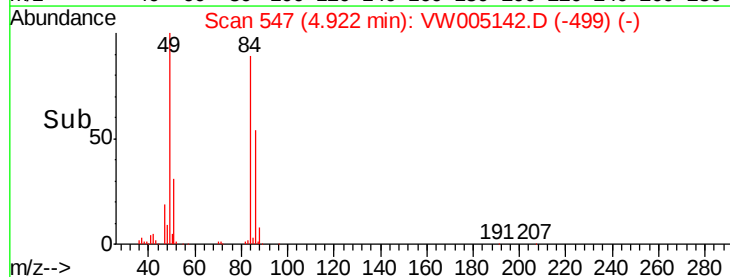
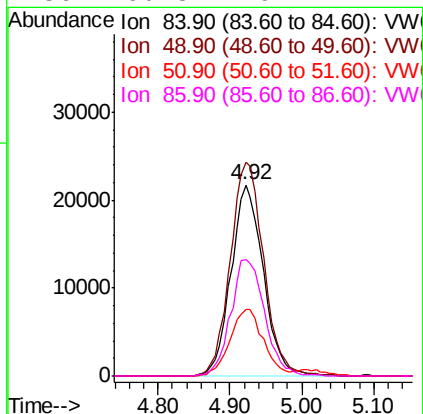
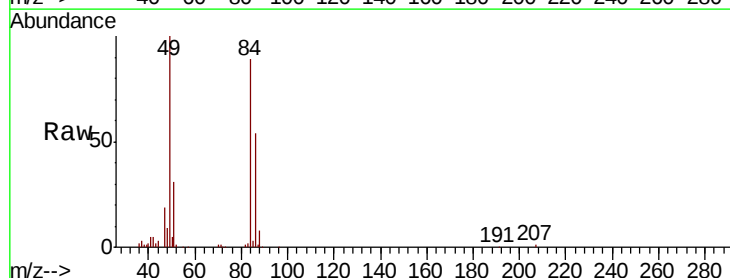
Ion Ratio Lower Upper

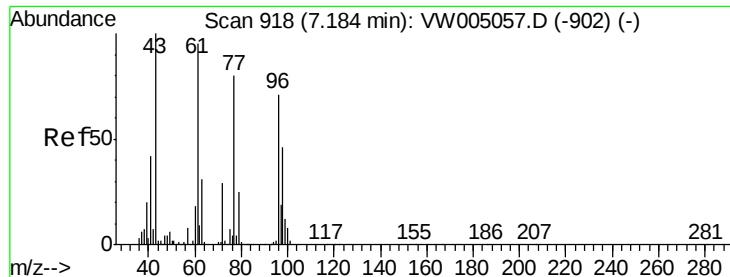
84 100

49 112.0 88.7 133.1

51 35.1 28.6 42.8

86 60.8 49.4 74.2





#25

2-Butanone

Concen: 30.15 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW005142.D

Acq: 05 Sep 2018 20:52

Instrument :

MSVOA_W

ClientSampled :

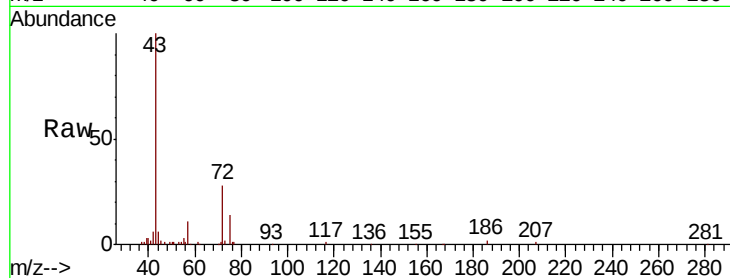
SB-06RE

Tot Ion: 43 Resp: 47425

Ion Ratio Lower Upper

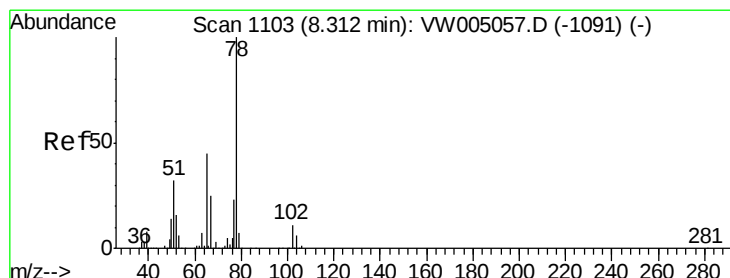
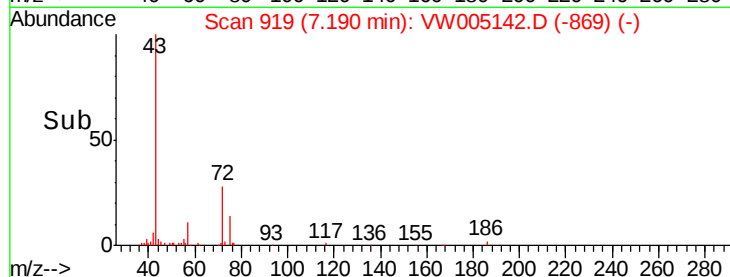
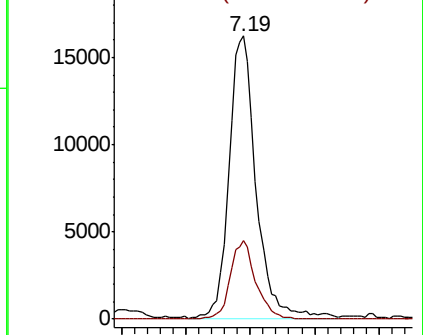
43 100

72 27.9 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 66.03 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW005142.D

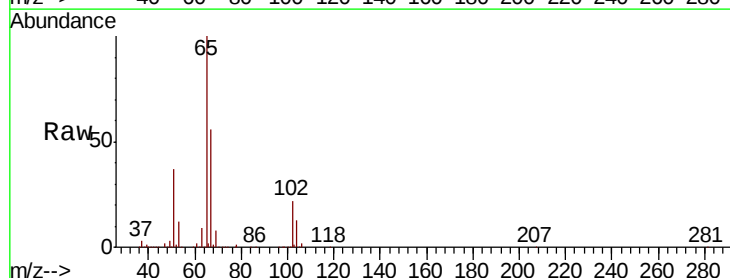
Acq: 05 Sep 2018 20:52

Tgt Ion: 65 Resp: 298561

Ion Ratio Lower Upper

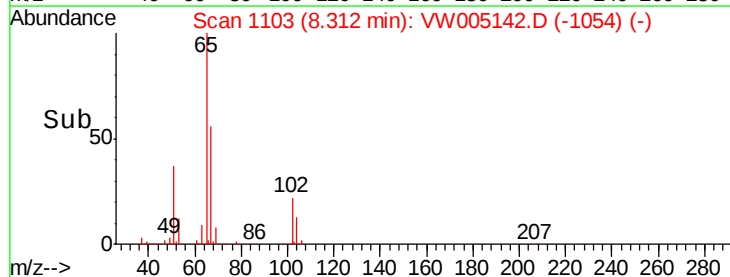
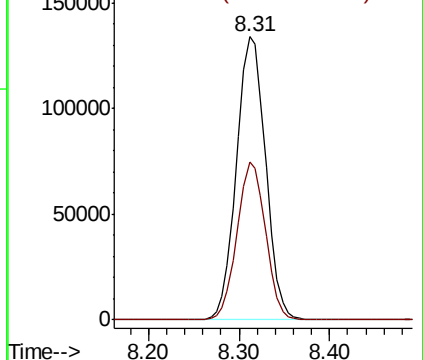
65 100

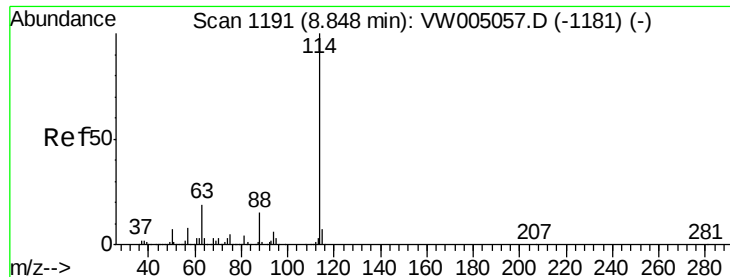
67 54.6 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

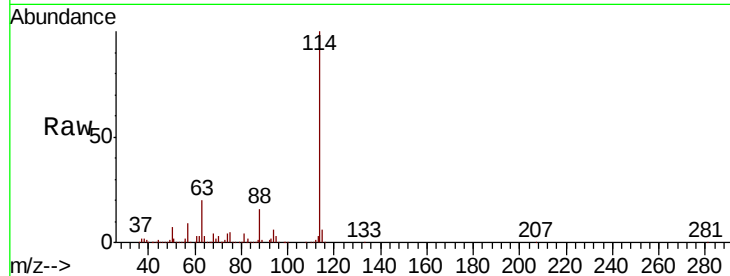




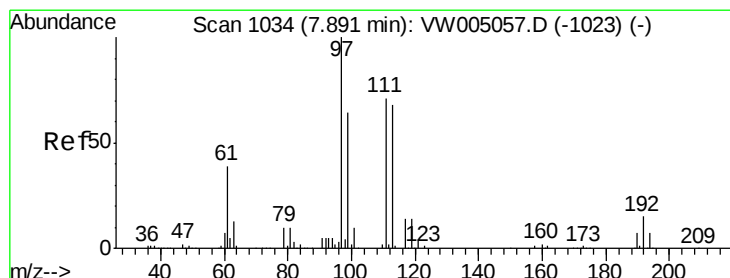
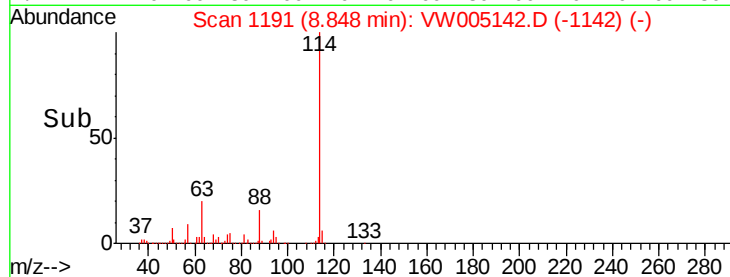
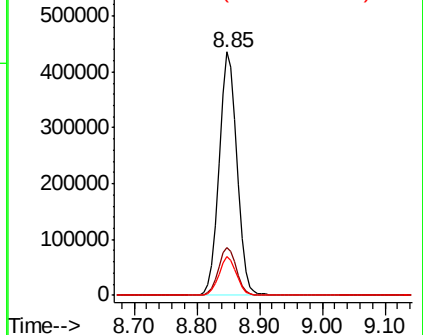
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW005142.D
 Acq: 05 Sep 2018 20:52

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-06RE

Tot Ion:114 Resp: 857044
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.0
 88 16.0 0.0 30.2

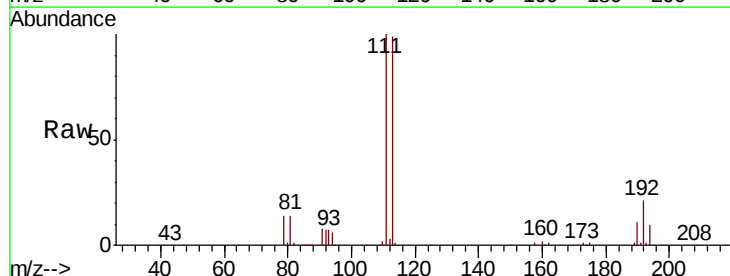


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

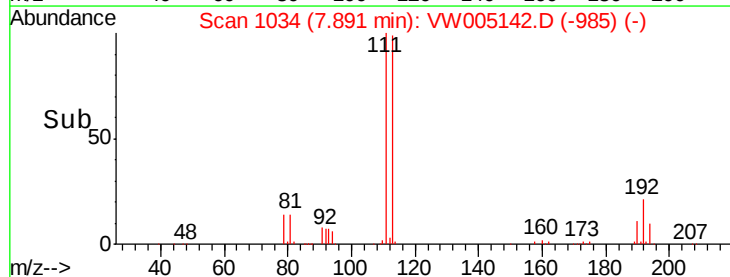
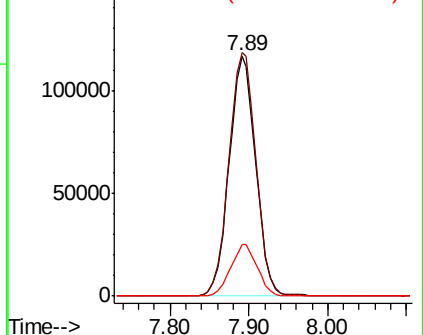


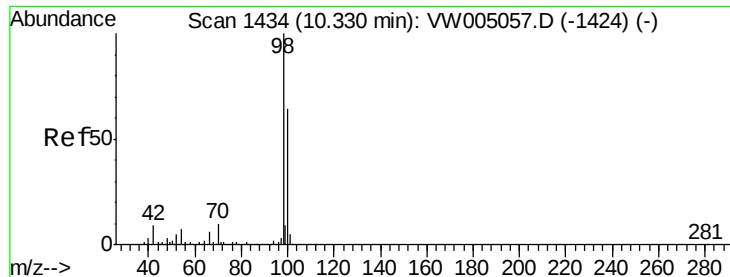
#35
 Dibromofluoromethane
 Concen: 55.16 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VW005142.D
 Acq: 05 Sep 2018 20:52

Tgt Ion:113 Resp: 273196
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.2
 192 21.4 18.1 27.1



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: 50.76 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005142.D

Acq: 05 Sep 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

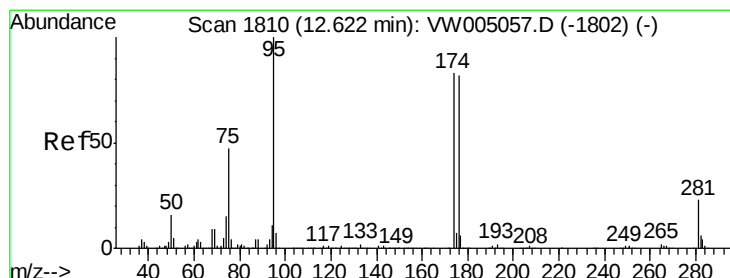
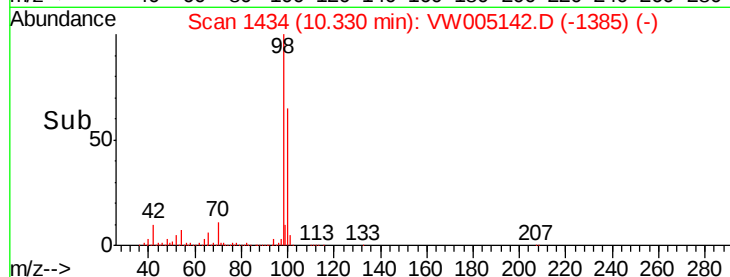
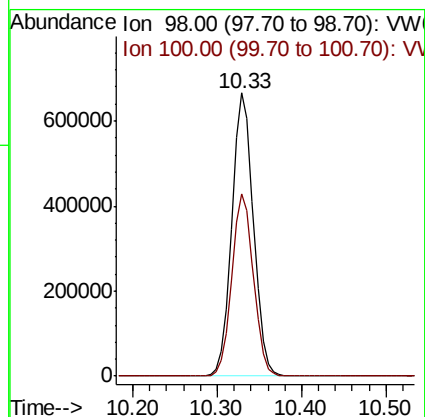
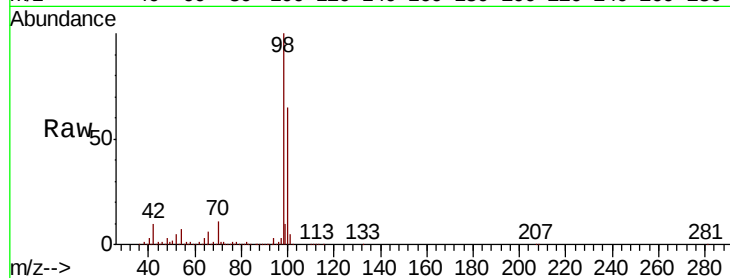
SB-06RE

Tot Ion: 98 Resp: 1158444

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.74 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW005142.D

Acq: 05 Sep 2018 20:52

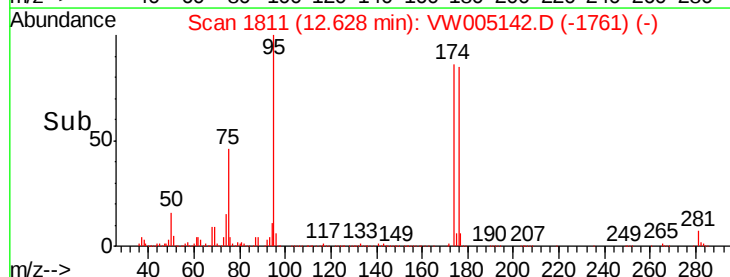
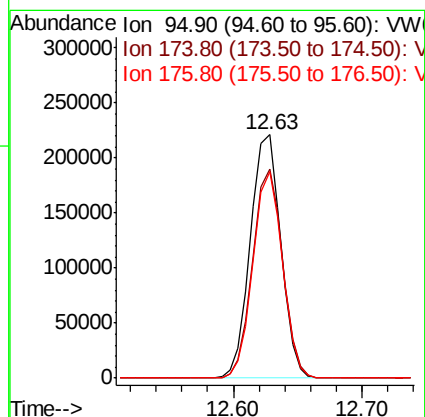
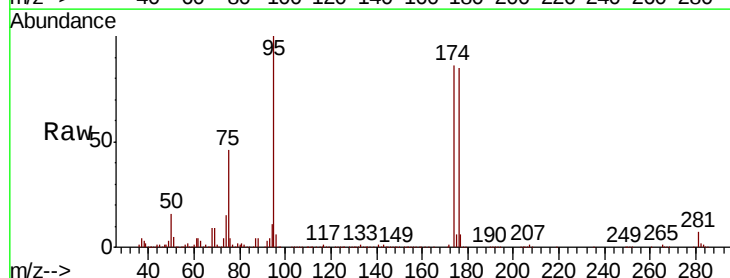
Tgt Ion: 95 Resp: 359990

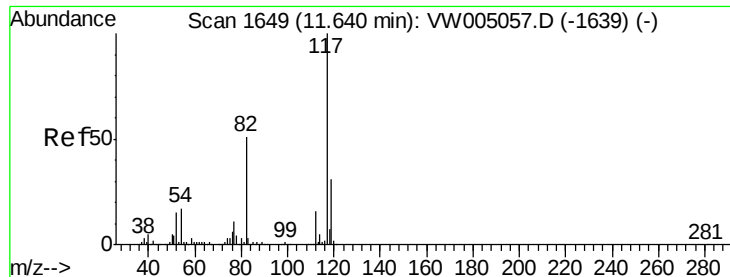
Ion Ratio Lower Upper

95 100

174 84.8 0.0 173.4

176 82.1 0.0 167.4

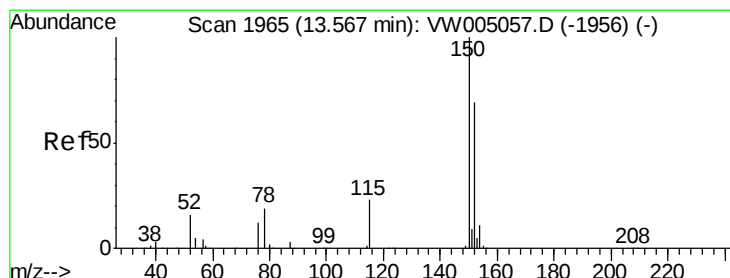
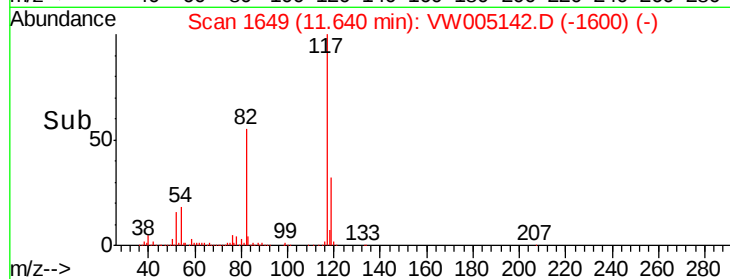
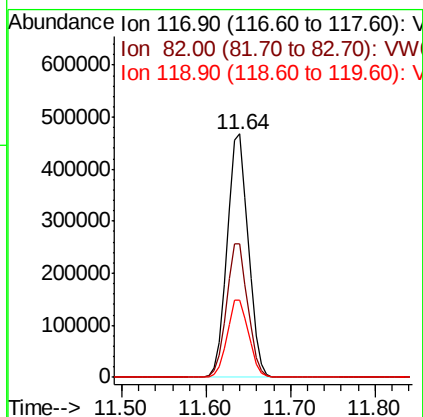
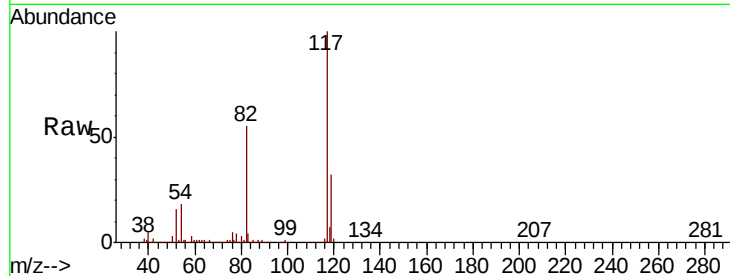




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW005142.D
Acq: 05 Sep 2018 20:52

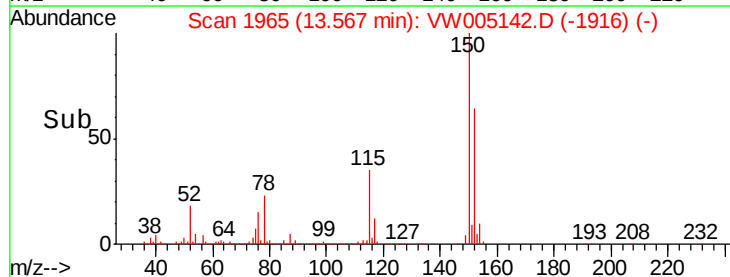
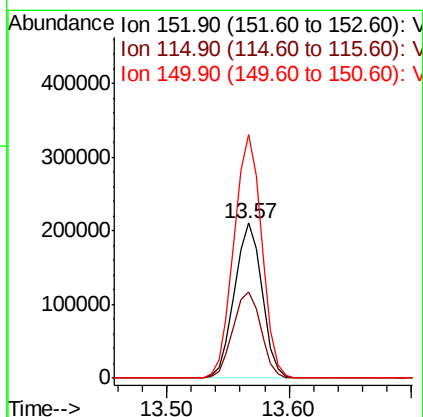
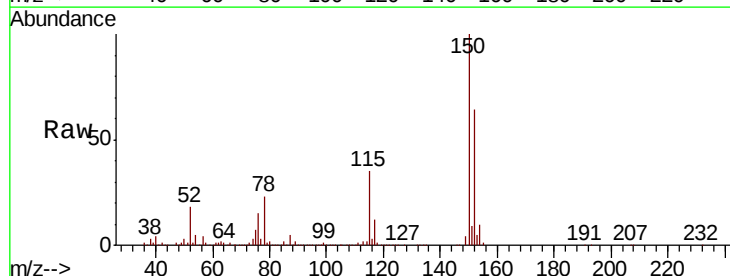
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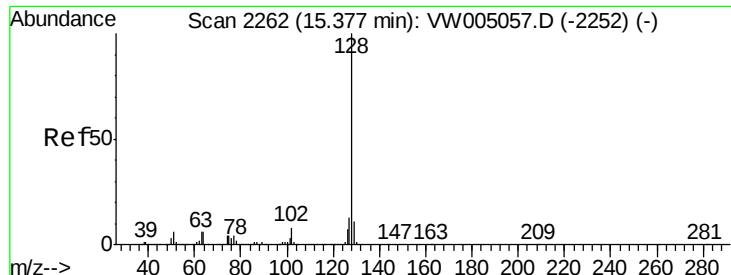
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.9	61.3
119	31.8	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW005142.D
Acq: 05 Sep 2018 20:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	27.8	83.4
150	158.4	0.0	351.4





#95

Naphthalene

Concen: 4.57 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW005142.D

Acq: 05 Sep 2018 20:52

Instrument :

MSVOA_W

ClientSampleId :

SB-06RE

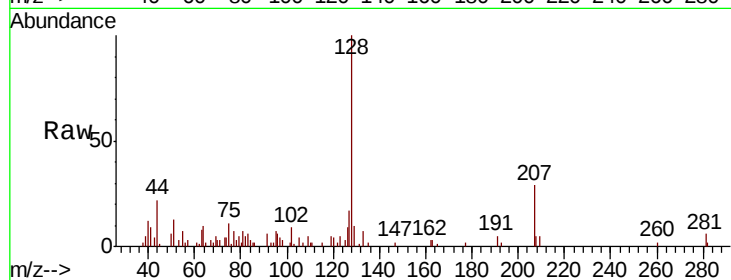
Tot Ion:128 Resp: 7598

Ion Ratio Lower Upper

128 100

127 14.4 10.4 15.6

129 10.6 8.7 13.1



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

