

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082118\
 Data File : VW004877.D
 Acq On : 22 Aug 2018 08:45
 Operator : SY/AP
 Sample : J4278-07
 Misc : 6.68G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-082118-A

Quant Time: Aug 22 11:04:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	391187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	642199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	494251	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	257178	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	217487	57.51	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	115.02%	
35) Dibromofluoromethane	7.89	113	203033	49.47	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	98.94%	
50) Toluene-d8	10.33	98	470532	29.37	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	58.74%	
62) 4-Bromofluorobenzene	12.63	95	211232	36.65	ug/l	0.00
Spiked Amount				50.000		
Recovery				=	73.30%	

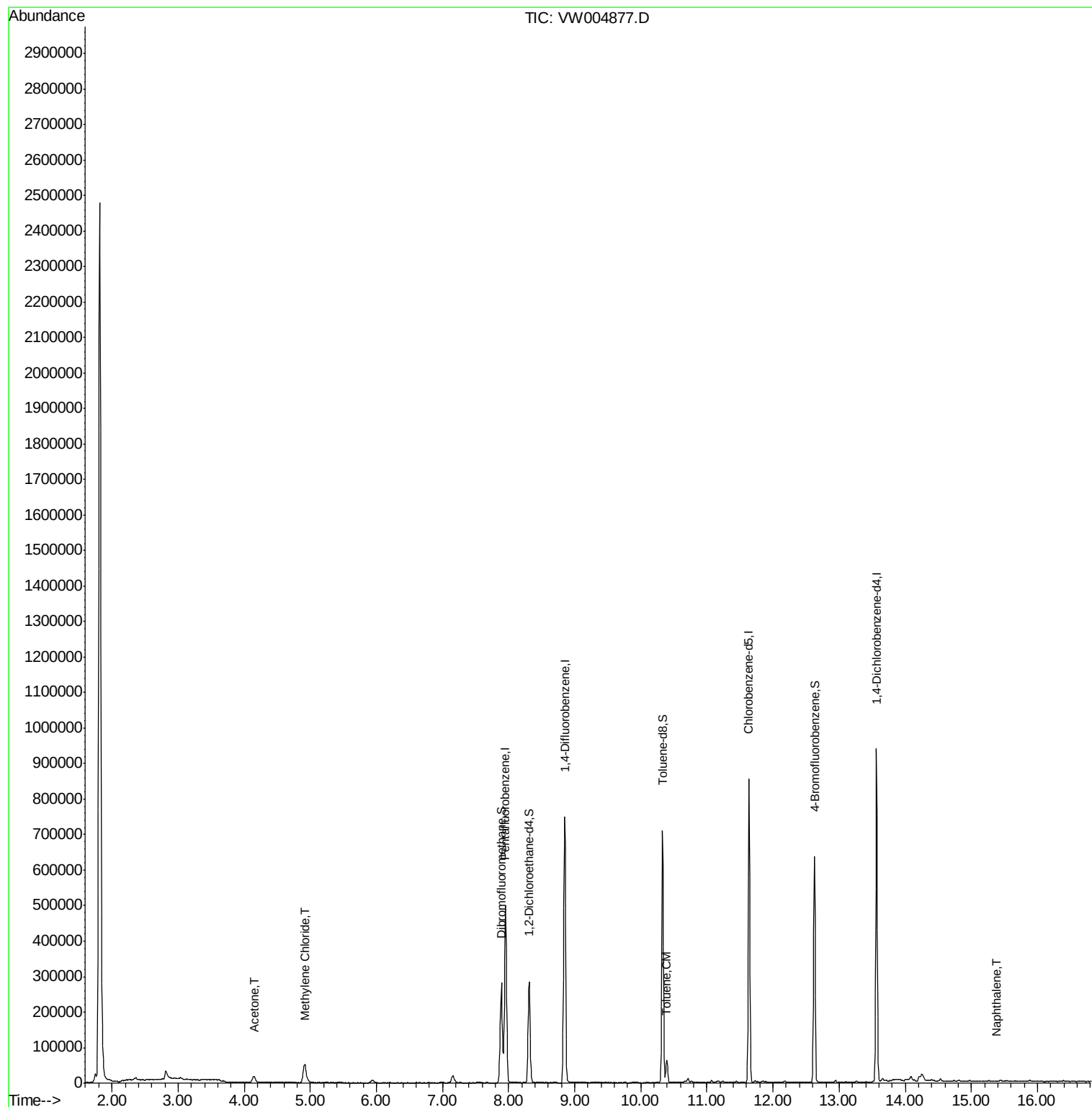
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	34478	35.71	ug/l	94
20) Methylene Chloride	4.92	84	46205	6.75	ug/l	93
52) Toluene	10.39	92	26418	2.29	ug/l	96
95) Naphthalene	15.38	128	1375	3.63	ug/l #	83

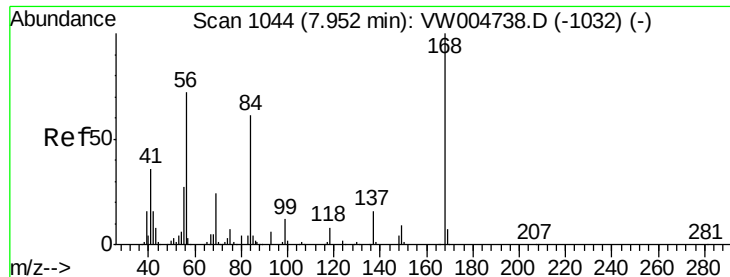
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 18 01:49:53 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: VW004877.D

Acq: 22 Aug 2018 08:45

Instrument :

MSVOA_W

ClientSampleId :

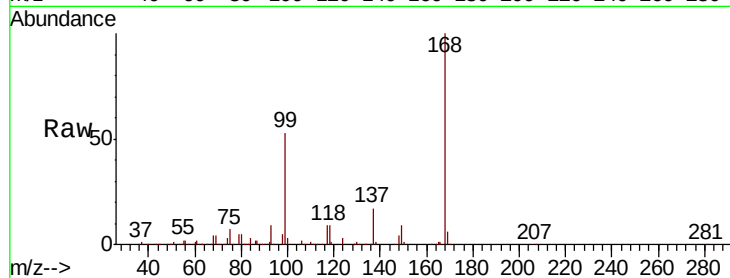
EO-01-082118-A

Tot Ion:168 Resp: 391187

Ion Ratio Lower Upper

168 100

99 53.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

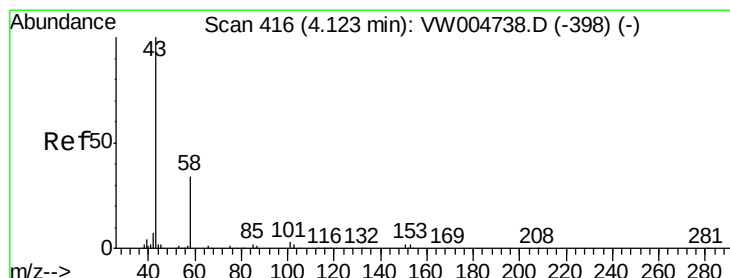
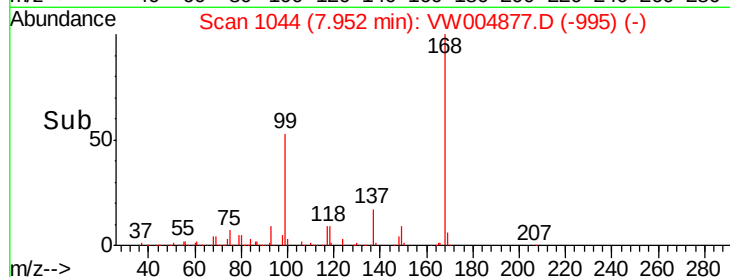
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 35.71 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.02 min

Lab File: VW004877.D

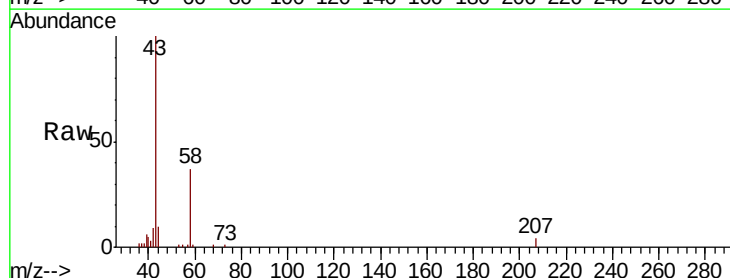
Acq: 22 Aug 2018 08:45

Tgt Ion: 43 Resp: 34478

Ion Ratio Lower Upper

43 100

58 37.4 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

10000

8000

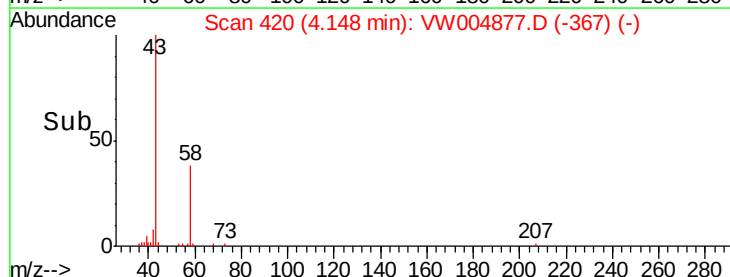
6000

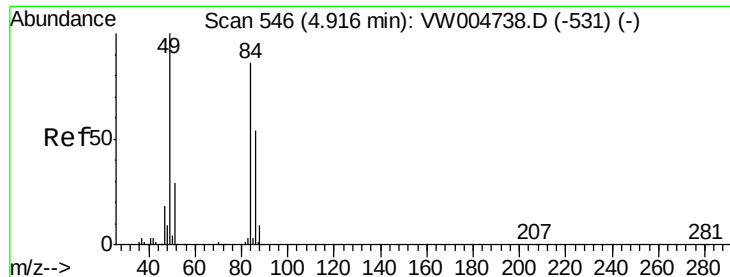
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2000

0

Time-->

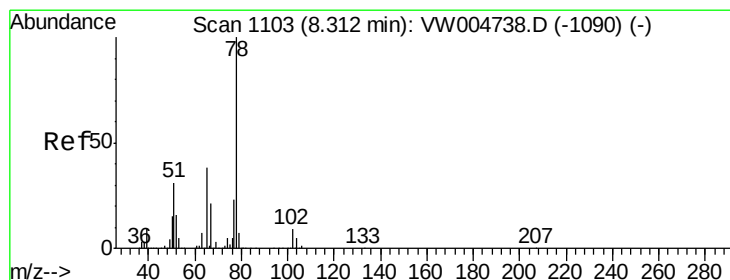
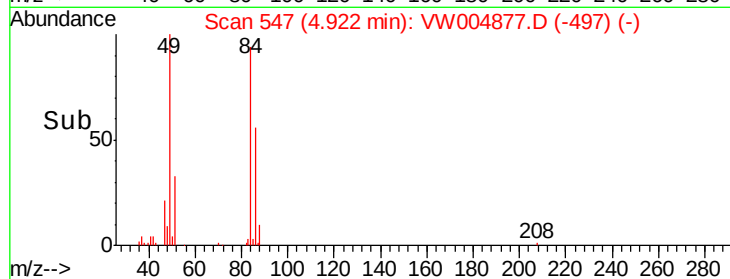
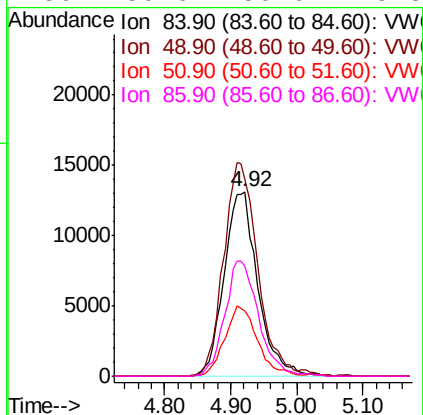
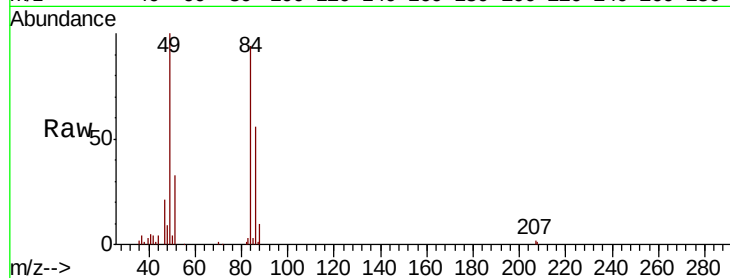




#20
Methylene Chloride
Concen: 6.75 ug/l
RT: 4.92 min Scan# 547
Delta R.T. 0.01 min
Lab File: VW004877.D
Acq: 22 Aug 2018 08:45

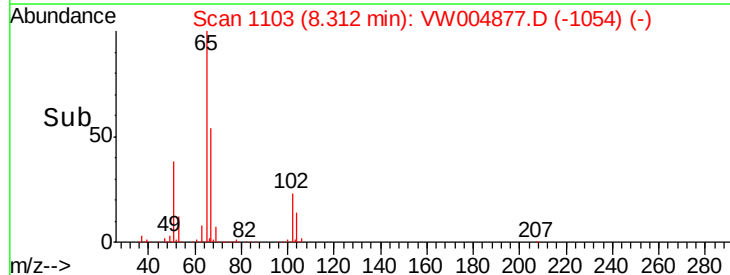
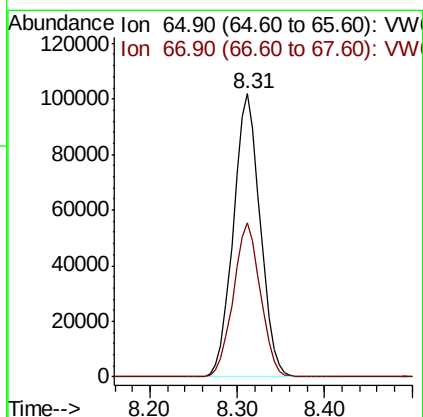
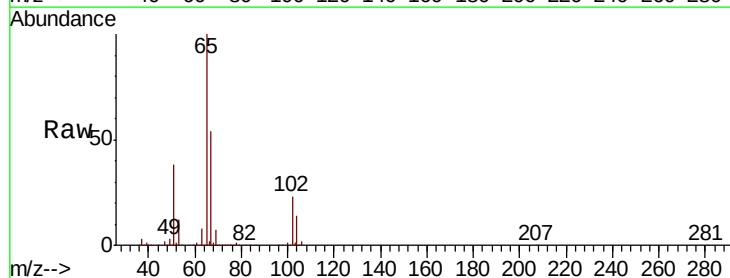
Instrument :
MSVOA_W
ClientSampleId :
EO-01-082118-A

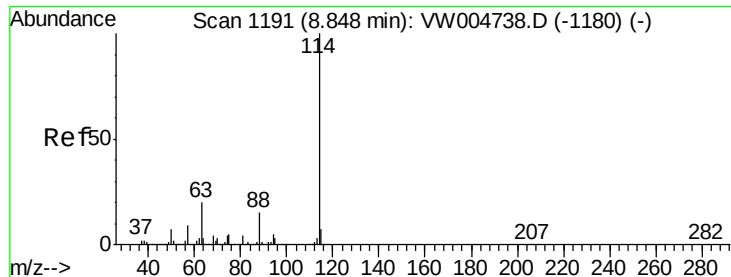
Tot Ion:	84	Resp:	46205
Ion	Ratio	Lower	Upper
84	100		
49	106.8	93.2	139.8
51	35.4	27.4	41.0
86	59.6	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 57.51 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004877.D
Acq: 22 Aug 2018 08:45

Tgt Ion:	65	Resp:	217487
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	109.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

Instrument :

MSVOA_W

ClientSampleId :

EO-01-082118-A

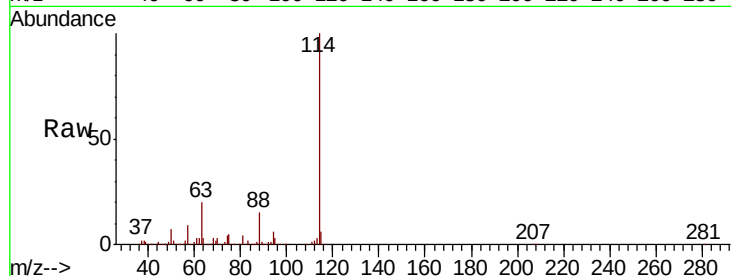
Tot Ion:114 Resp: 642199

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.0

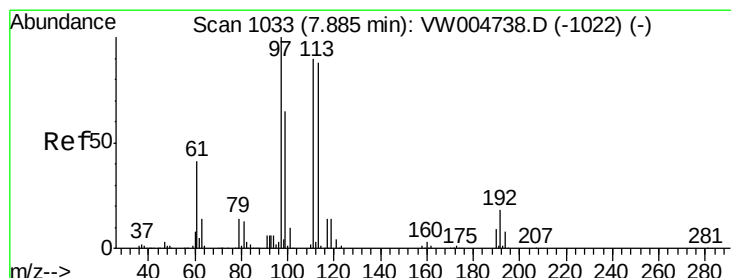
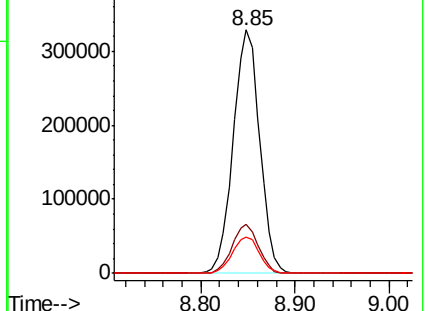
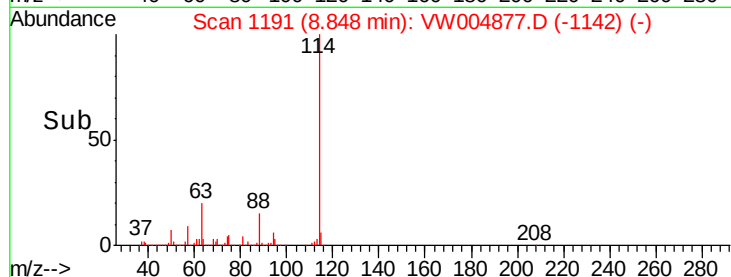
88 15.1 0.0 30.0



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: 49.47 ug/l

RT: 7.89 min Scan# 1034

Delta R.T. 0.01 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

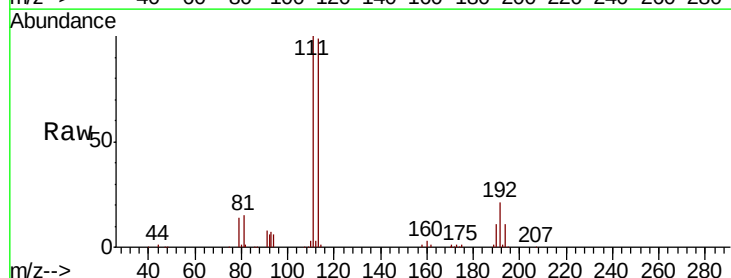
Tgt Ion:113 Resp: 203033

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

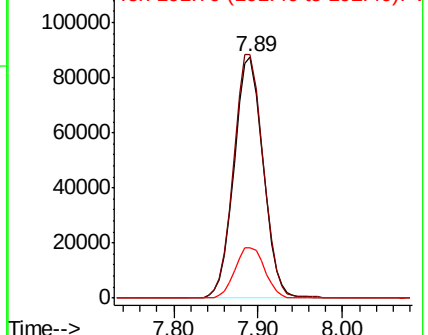
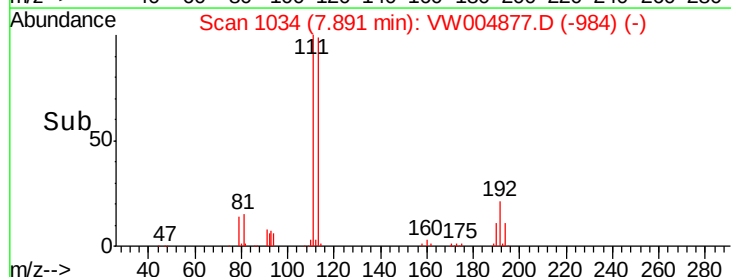
192 21.6 16.7 25.1

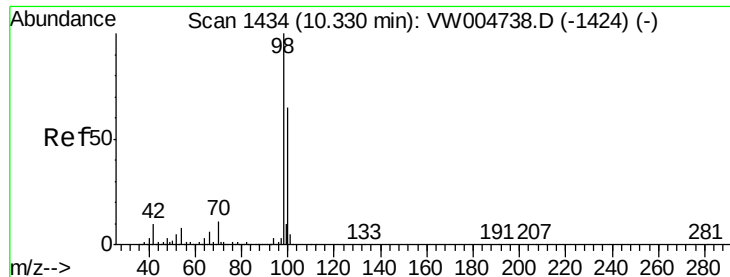


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 29.37 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

Instrument :

MSVOA_W

ClientSampleId :

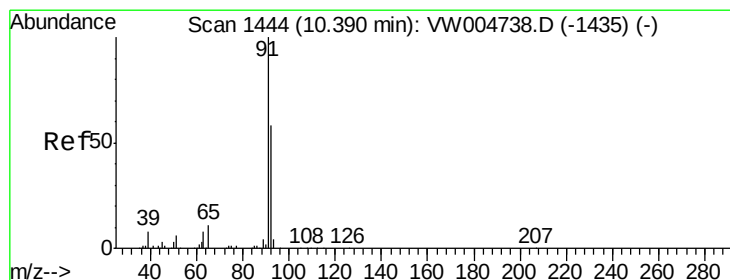
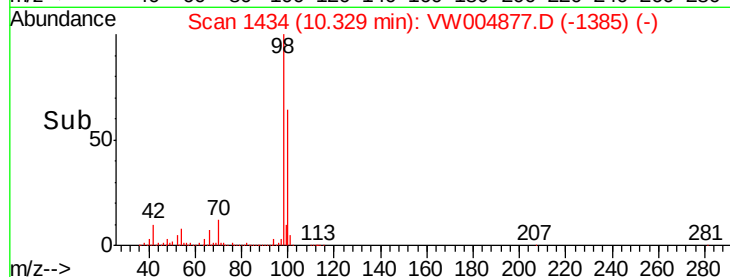
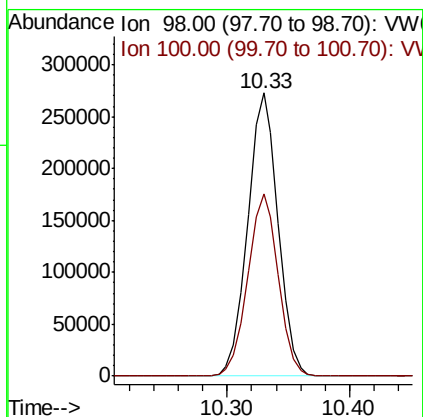
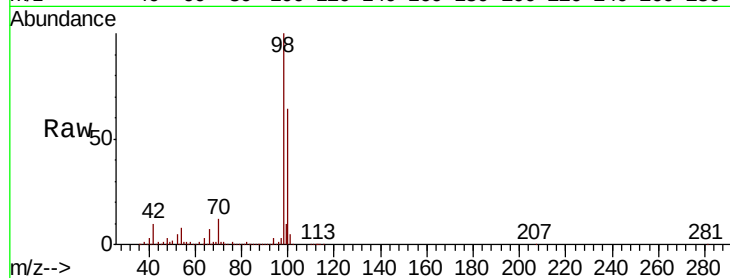
EO-01-082118-A

Tot Ion: 98 Resp: 470532

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8



#52

Toluene

Concen: 2.29 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004877.D

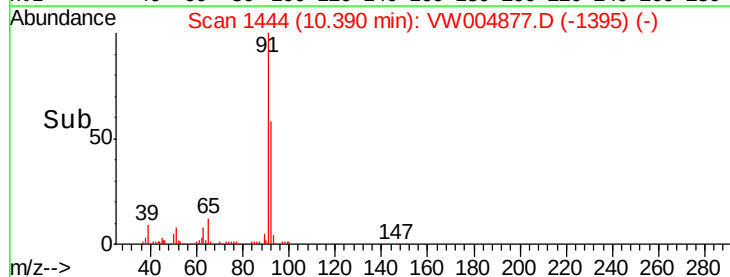
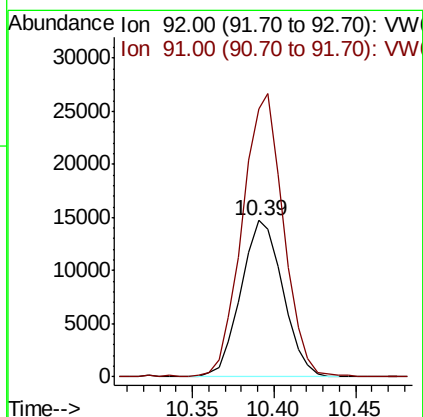
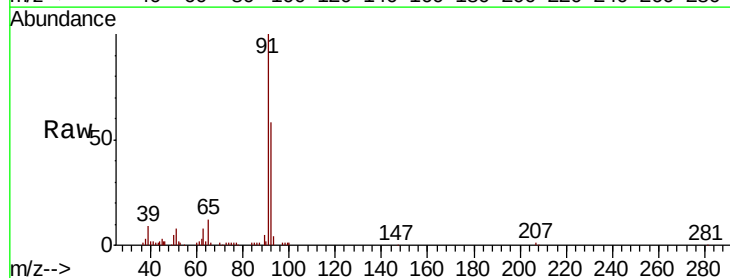
Acq: 22 Aug 2018 08:45

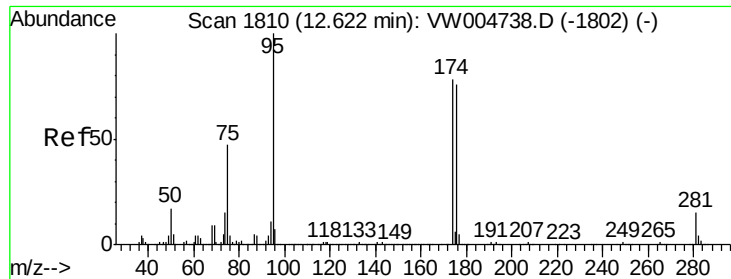
Tgt Ion: 92 Resp: 26418

Ion Ratio Lower Upper

92 100

91 177.8 138.3 207.5

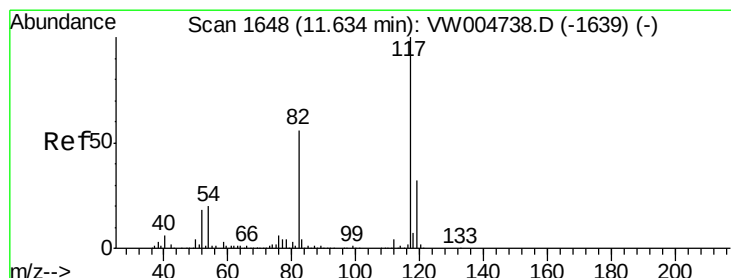
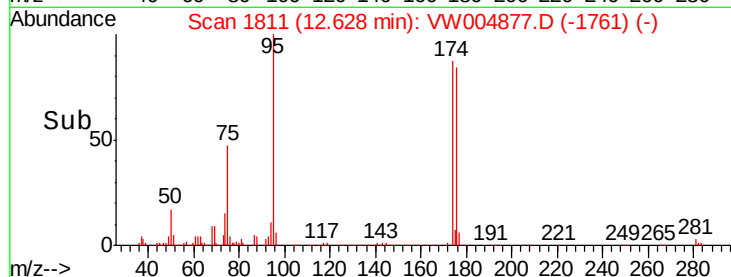
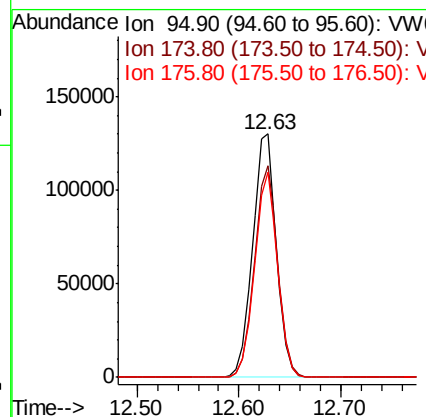
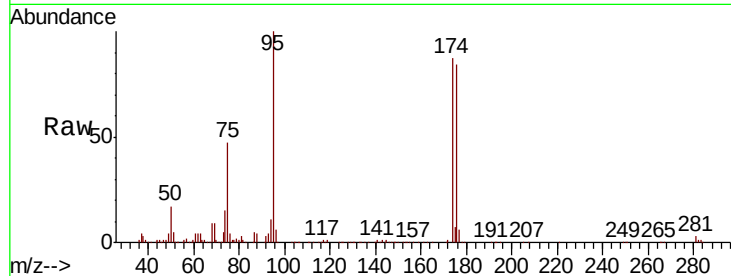




#62
4-Bromofluorobenzene
Concen: 36.65 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004877.D
Acq: 22 Aug 2018 08:45

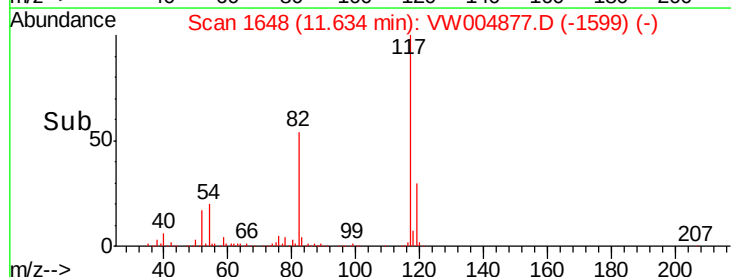
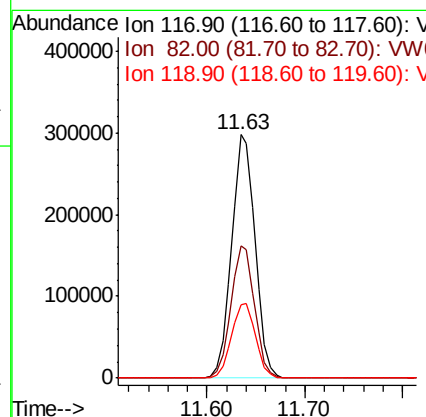
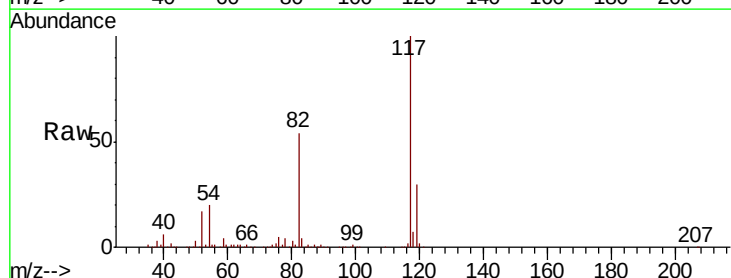
Instrument :
MSVOA_W
ClientSampleId :
EO-01-082118-A

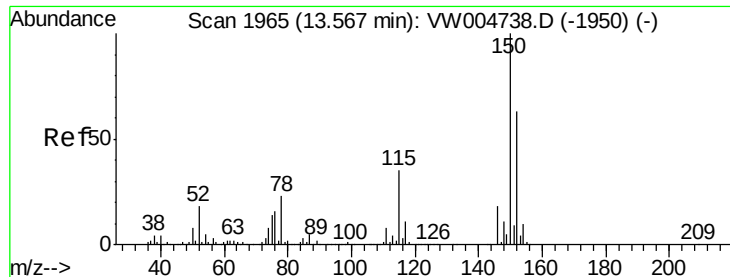
Tot Ion: 95 Resp: 211232
Ion Ratio Lower Upper
95 100
174 85.6 0.0 165.8
176 81.5 0.0 159.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004877.D
Acq: 22 Aug 2018 08:45

Tgt Ion: 117 Resp: 494251
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 30.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

Instrument :

MSVOA_W

ClientSampleId :

EO-01-082118-A

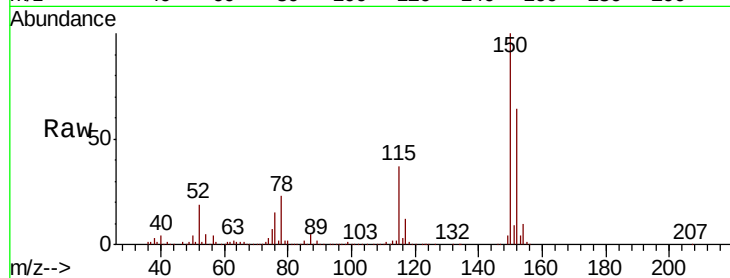
Tot Ion:152 Resp: 257178

Ion Ratio Lower Upper

152 100

115 57.2 28.5 85.5

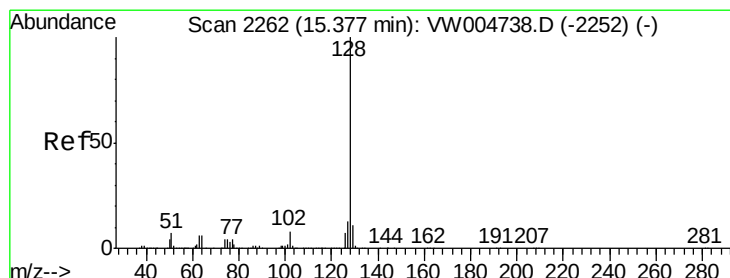
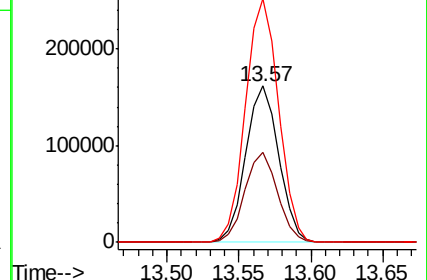
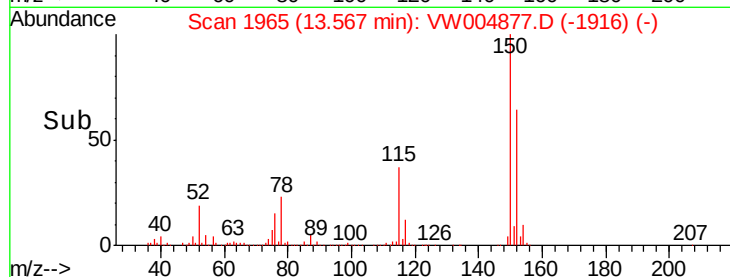
150 155.8 0.0 344.8



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



#95

Naphthalene

Concen: 3.63 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

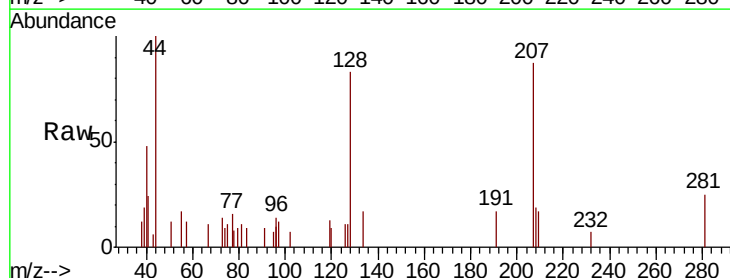
Tgt Ion:128 Resp: 1375

Ion Ratio Lower Upper

128 100

127 6.3 10.4 15.6#

129 4.1 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

