

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 10:53:38 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			Recovery	=	115.02%	
35) Dibromofluoromethane	7.89	113	203033	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
50) Toluene-d8	10.33	98	470532	29.37	ug/l	0.00
Spiked Amount			Recovery	=	58.74%	
62) 4-Bromofluorobenzene	12.63	95	211232	36.65	ug/l	0.00
Spiked Amount			Recovery	=	73.30%	

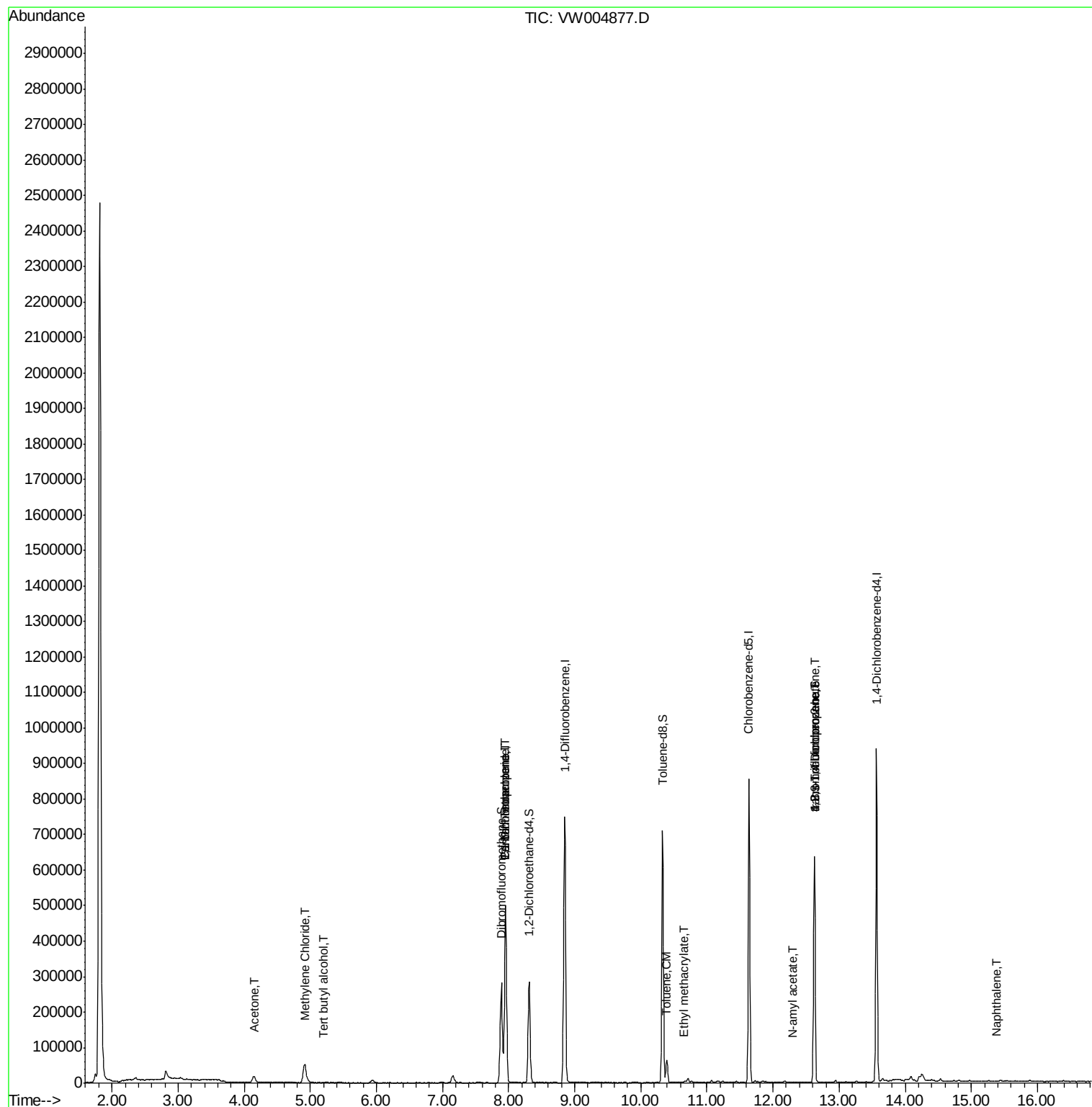
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	306	1.45	ug/l #	72
16) Acetone	4.15	43	34478	35.71	ug/l	94
20) Methylene Chloride	4.92	84	46205	6.75	ug/l	93
36) 1,1-Dichloropropene	7.95	75	29072	4.39	ug/l #	49
38) Carbon Tetrachloride	7.95	117	36056	5.92	ug/l #	16
52) Toluene	10.39	92	26418	2.29	ug/l	96
56) Ethyl methacrylate	10.65	69	634	3.12	ug/l #	27
74) N-amyl acetate	12.30	43	165	4.06	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	99313	43.81	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	99313	101.82	ug/l #	14
95) Naphthalene	15.38	128	1375	3.63	ug/l #	83

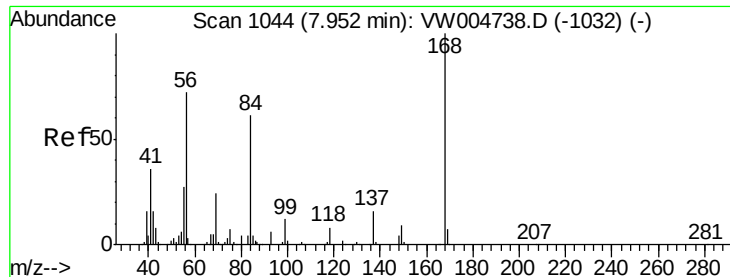
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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 10:53:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
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 :

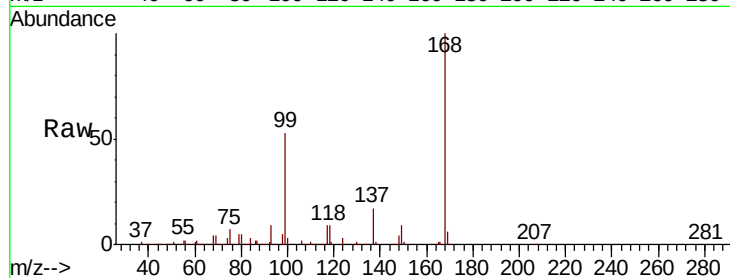
EO-01-082118-A

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

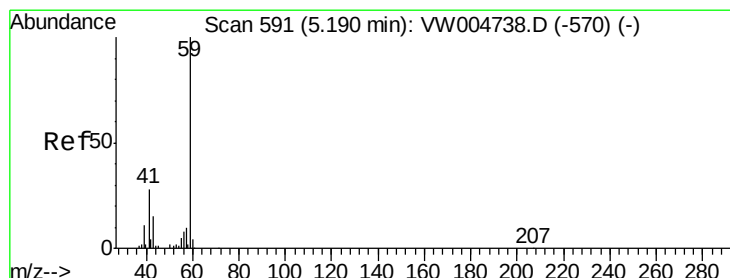
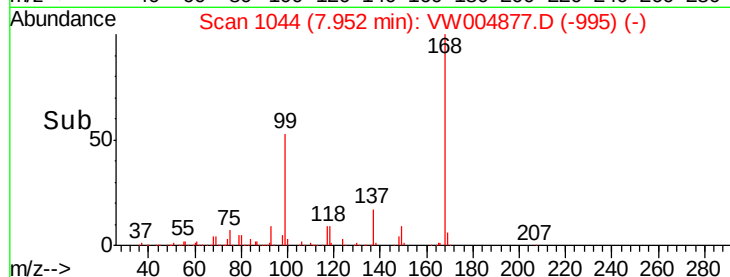
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.45 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.01 min

Lab File: VW004877.D

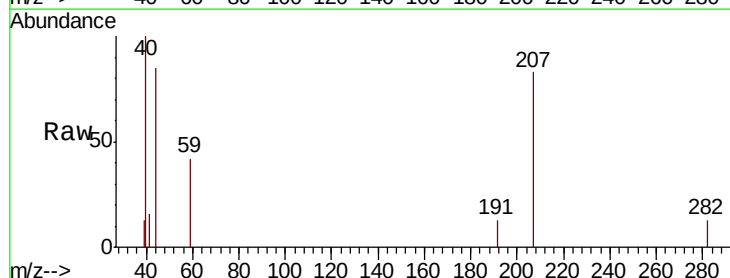
Acq: 22 Aug 2018 08:45

Tgt Ion: 59 Resp: 306

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

200

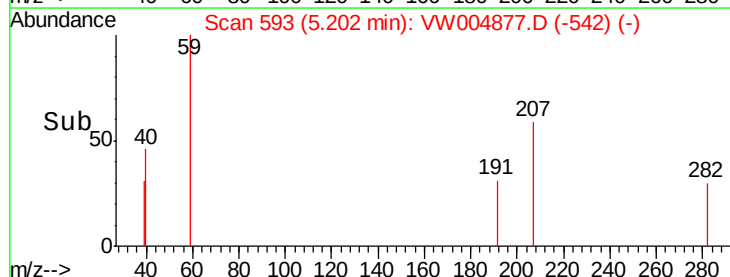
150

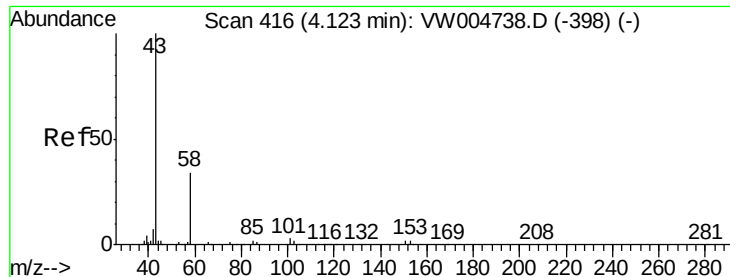
100

50

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

Instrument :

MSVOA_W

ClientSampleId :

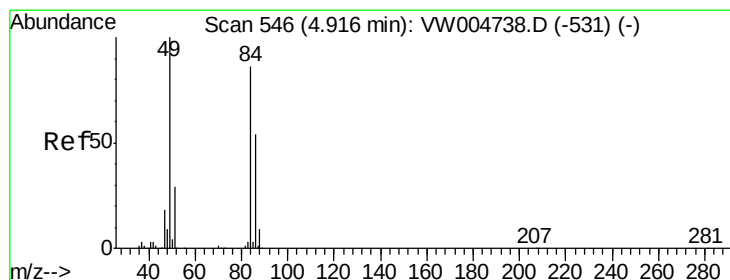
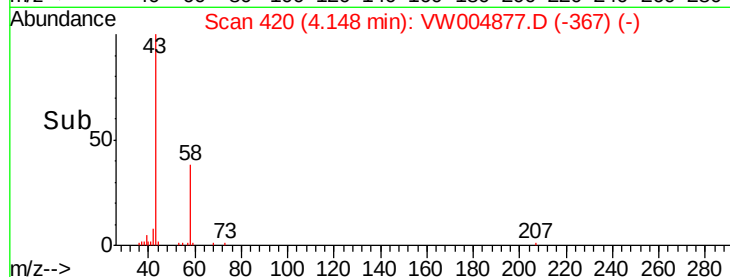
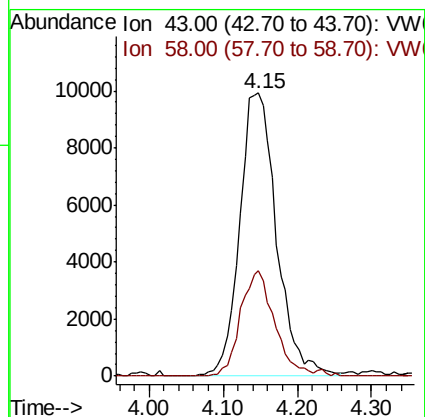
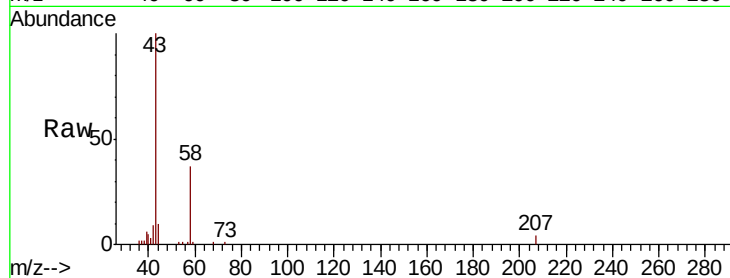
EO-01-082118-A

Tot Ion: 43 Resp: 34478

Ion Ratio Lower Upper

43 100

58 37.4 27.3 40.9



#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

Tgt Ion: 84 Resp: 46205

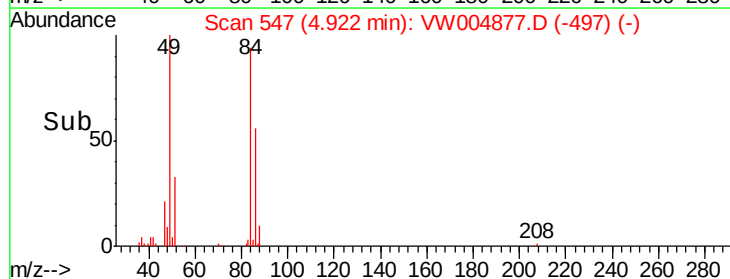
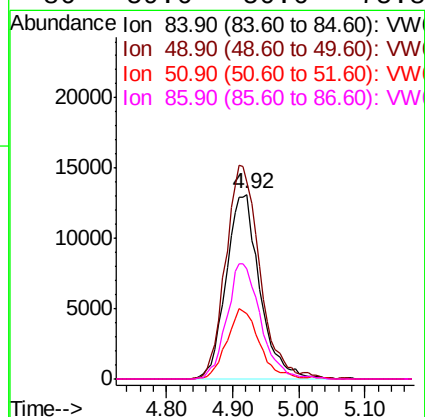
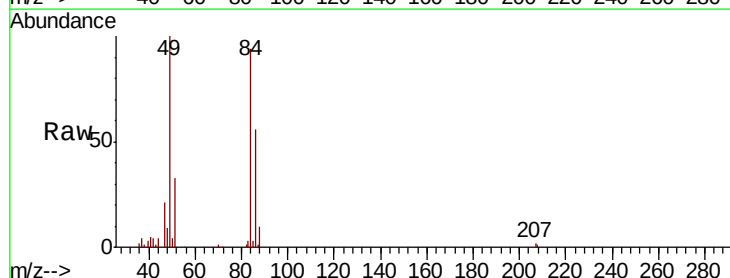
Ion Ratio Lower Upper

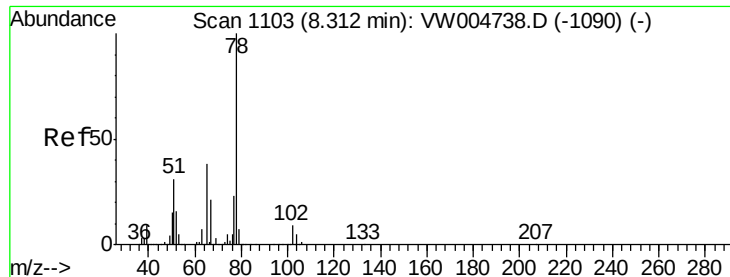
84 100

49 106.8 93.2 139.8

51 35.4 27.4 41.0

86 59.6 50.6 75.8

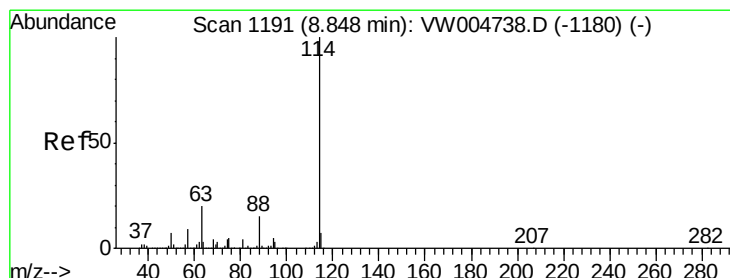
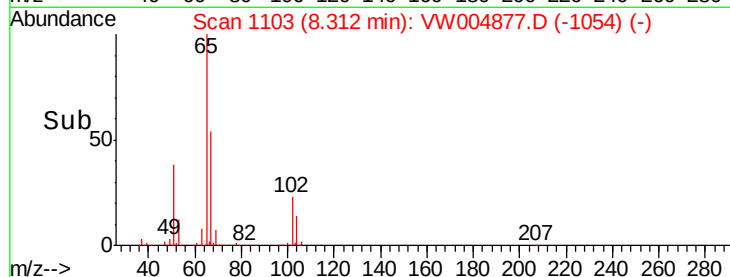
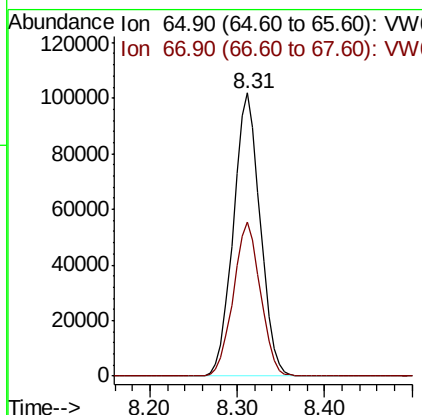
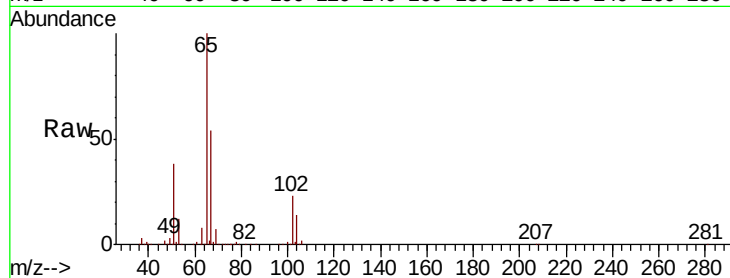




#33
 1,2-Dichloroethane-d4
 Concen: 57.51 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: VW004877.D
 Acq: 22 Aug 2018 08:45

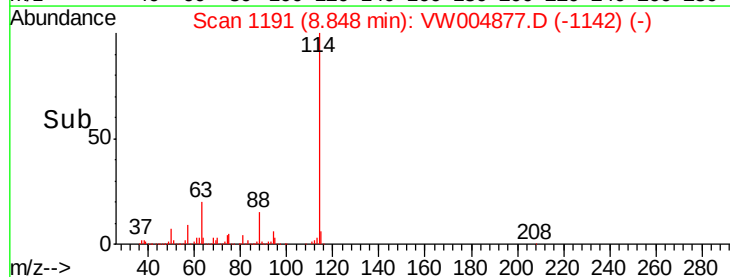
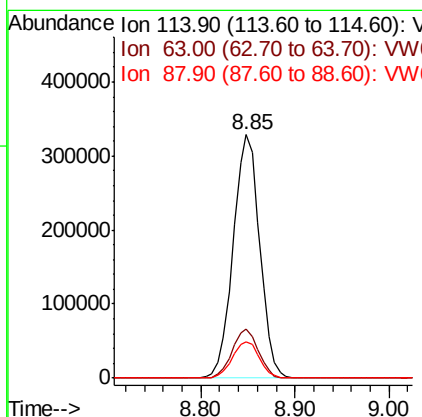
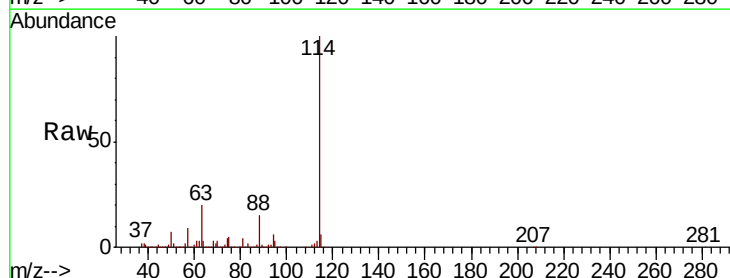
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-082118-A

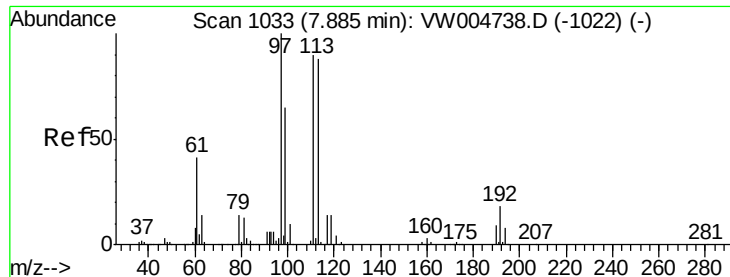
Tot Ion: 65 Resp: 217487
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.4



#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

Tgt Ion: 114 Resp: 642199
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.0
 88 15.1 0.0 30.0

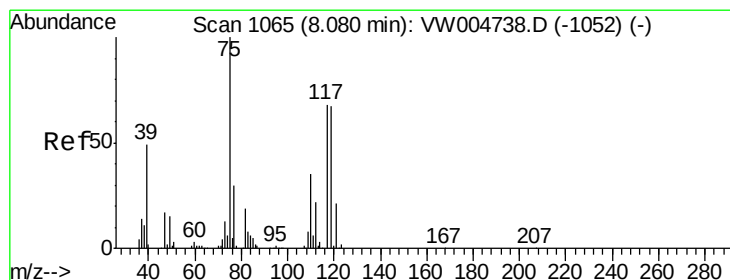
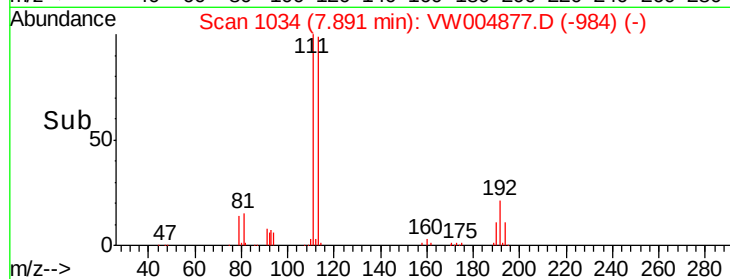
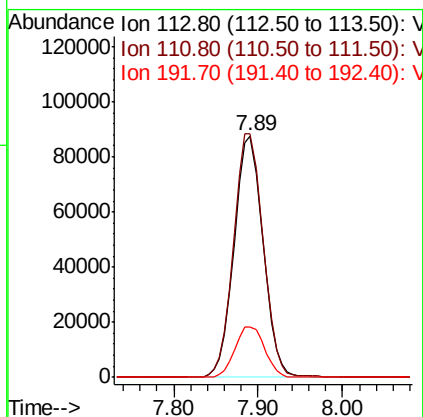
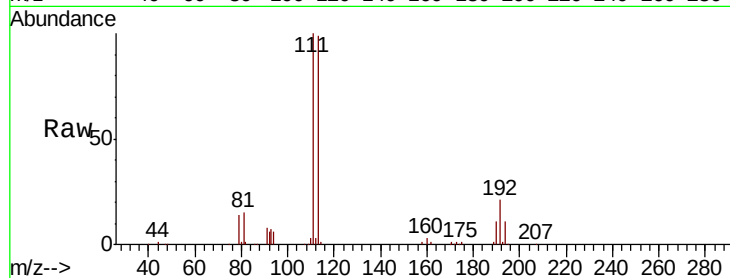




#35
 Dibromofluoromethane
 Concen: 49.47 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004877.D
 Acq: 22 Aug 2018 08:45

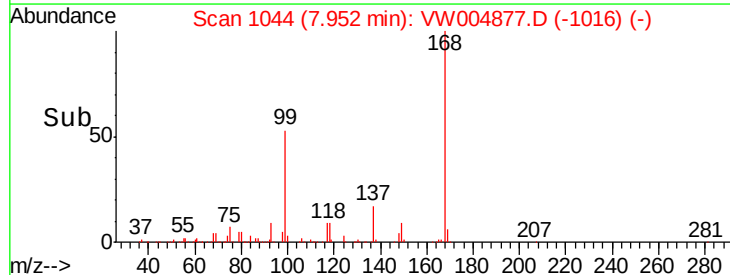
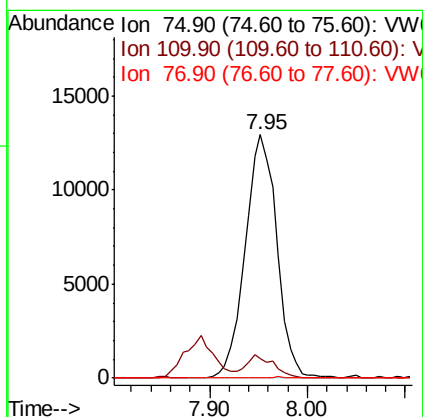
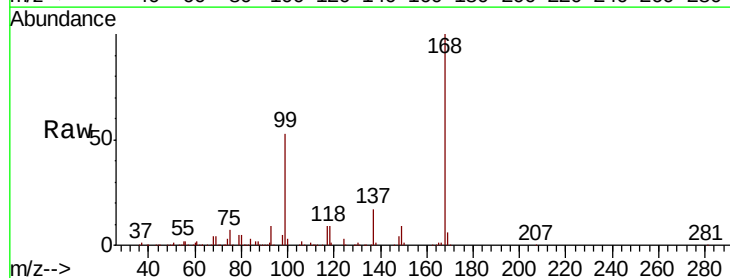
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-082118-A

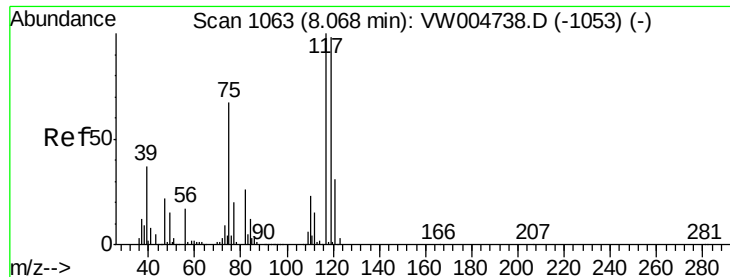
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	21.6	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.39 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004877.D
 Acq: 22 Aug 2018 08:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.8	53.5#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.92 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

Instrument :

MSVOA_W

ClientSampleId :

EO-01-082118-A

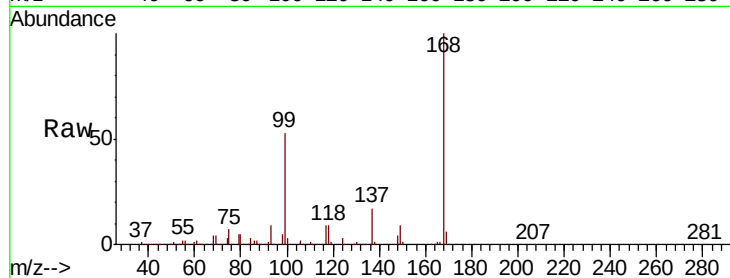
Tot Ion:117 Resp: 36056

Ion Ratio Lower Upper

117 100

119 5.9 78.0 117.0#

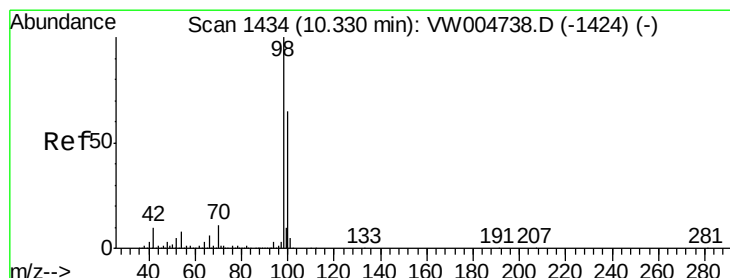
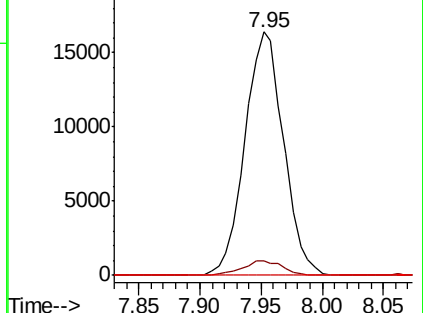
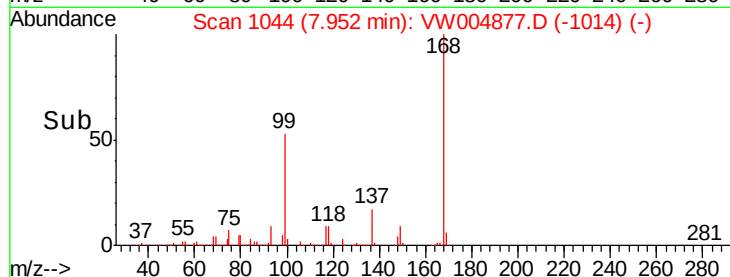
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): 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

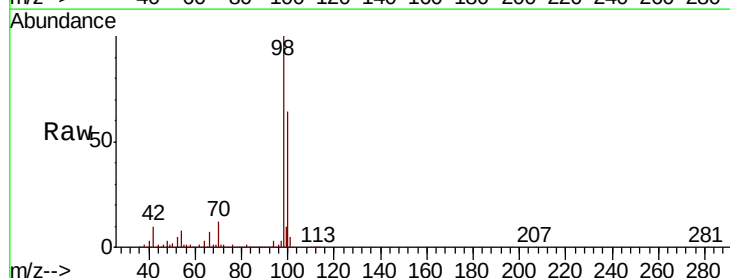
Acq: 22 Aug 2018 08:45

Tgt Ion: 98 Resp: 470532

Ion Ratio Lower Upper

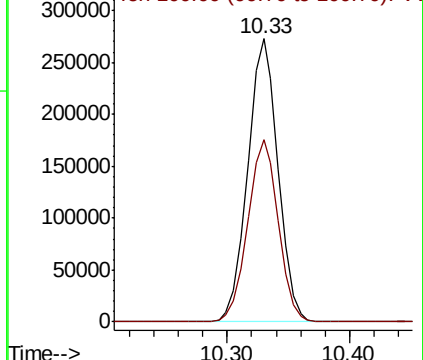
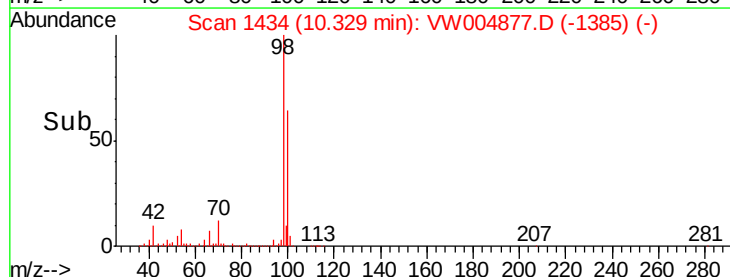
98 100

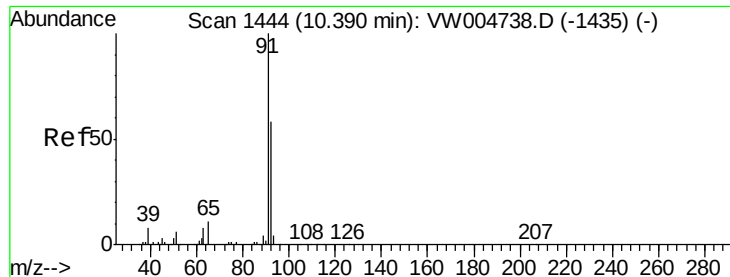
100 64.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#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

Instrument :

MSVOA_W

ClientSampleId :

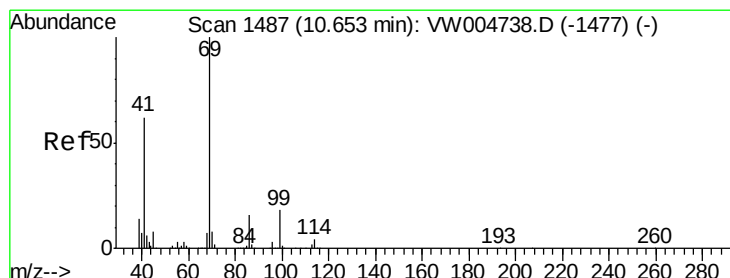
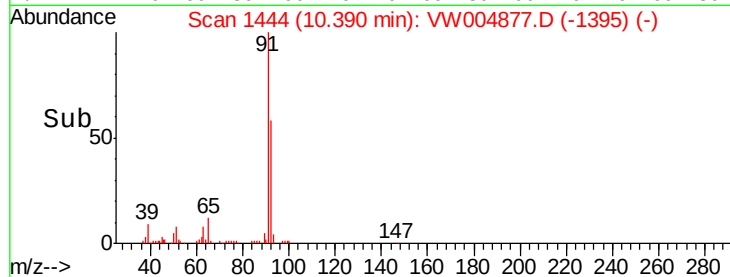
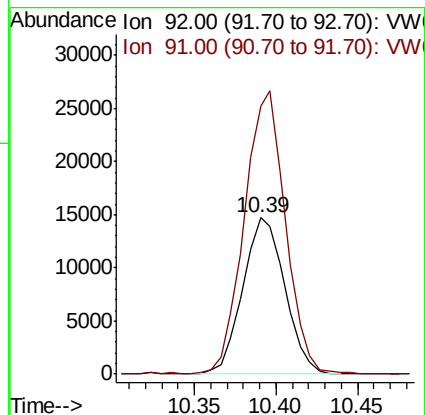
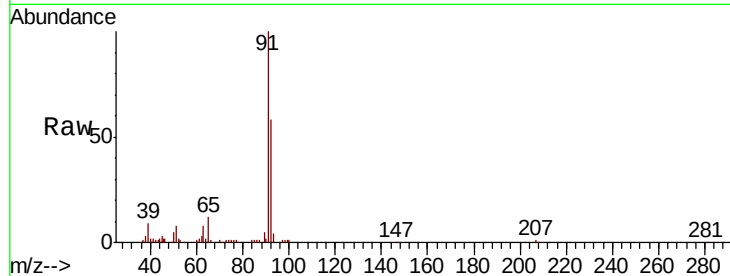
EO-01-082118-A

Tot Ion: 92 Resp: 26418

Ion Ratio Lower Upper

92 100

91 177.8 138.3 207.5



#56

Ethyl methacrylate

Concen: 3.12 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

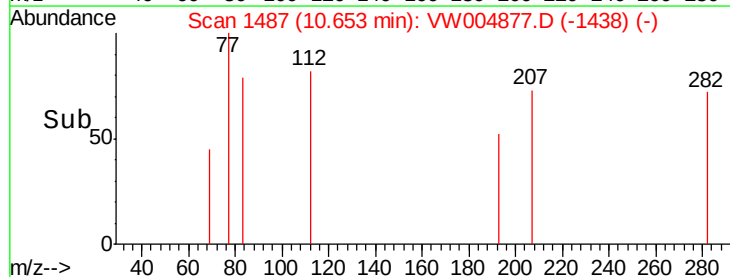
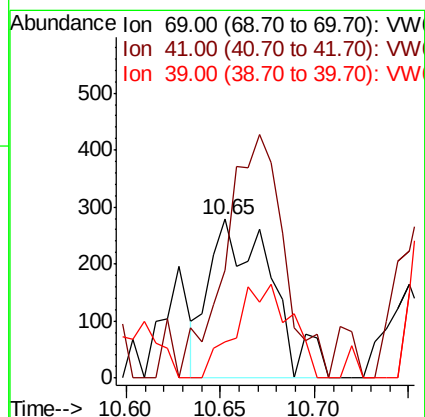
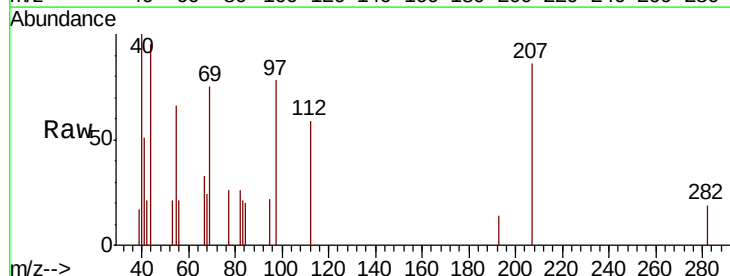
Tgt Ion: 69 Resp: 634

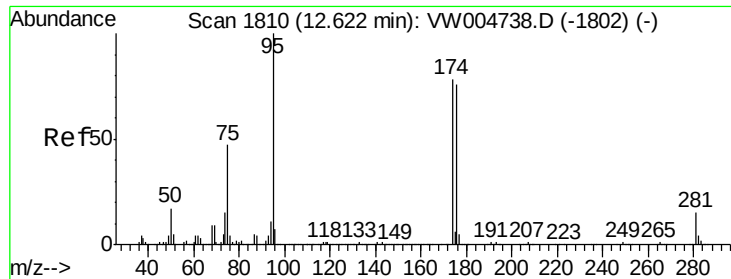
Ion Ratio Lower Upper

69 100

41 0.0 50.7 76.1#

39 0.0 21.4 32.2#

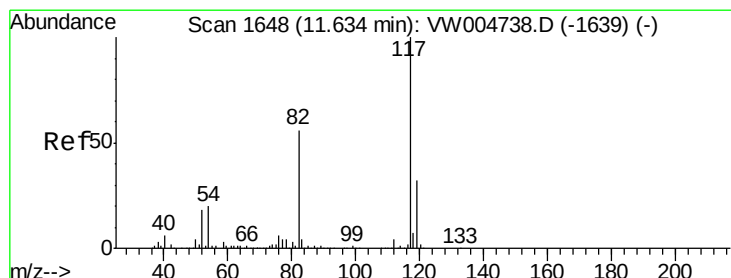
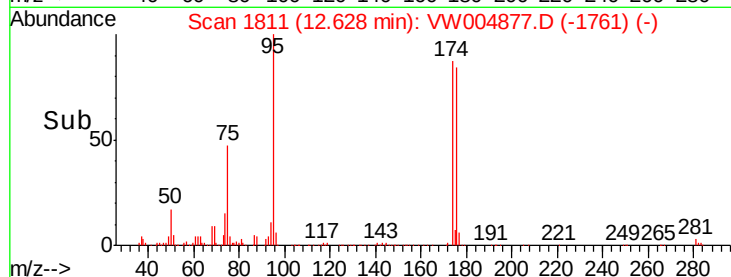
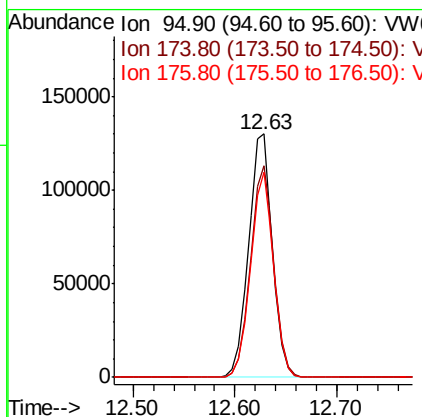
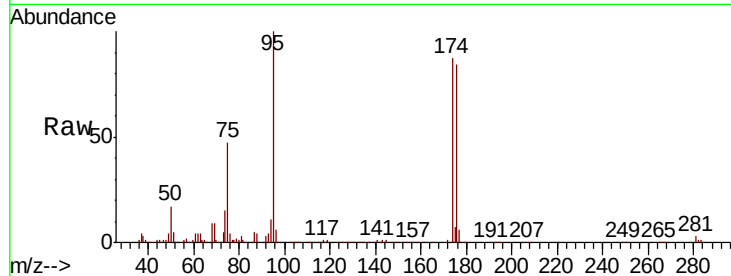




#62
4-Bromofluorobenzene
Concen: 36.65 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004877.D
Acq: 22 Aug 2018 08:45

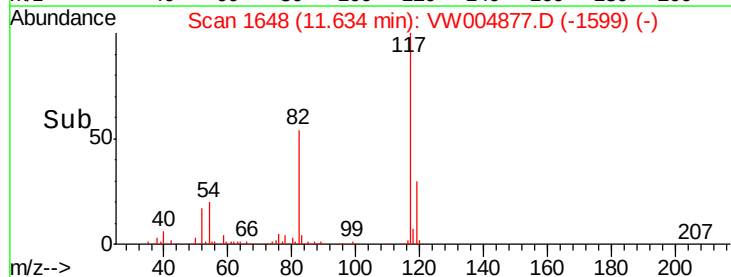
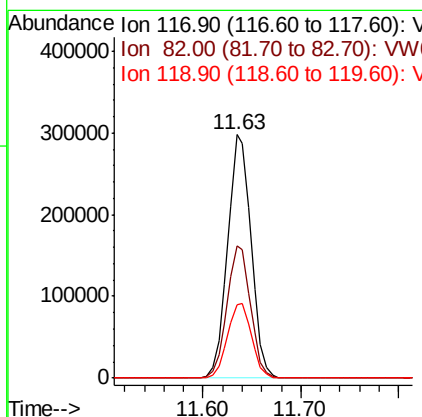
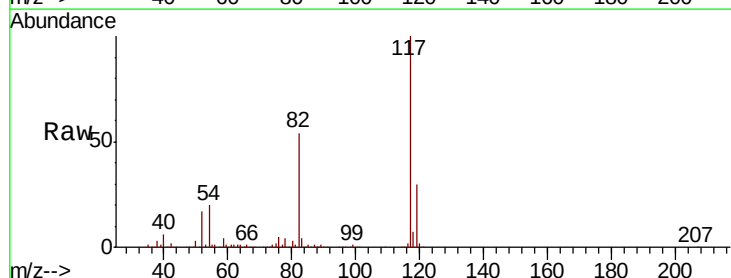
Instrument :
MSVOA_W
ClientSampleId :
EO-01-082118-A

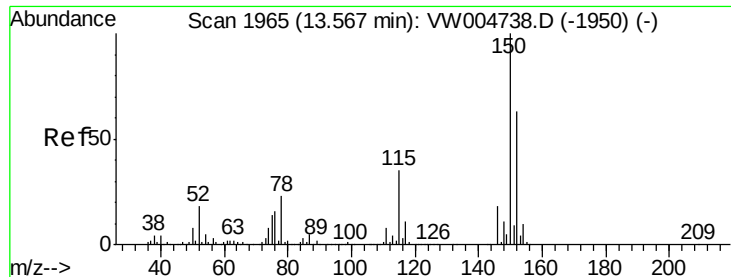
Tot Ion: 95 Resp: 211232
Ion Ratio Lower Upper
95 100
174 85.6 0.0 165.8
176 81.5 0.0 159.8



#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

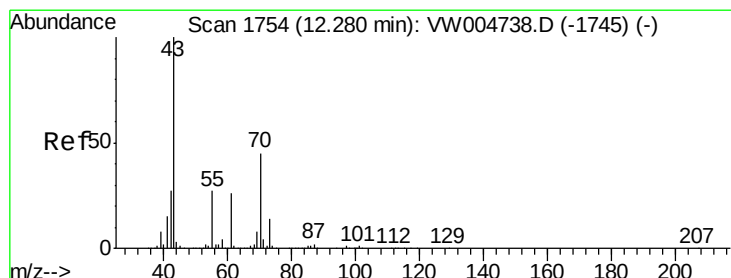
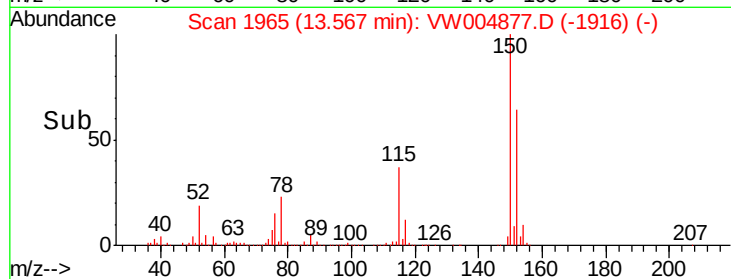
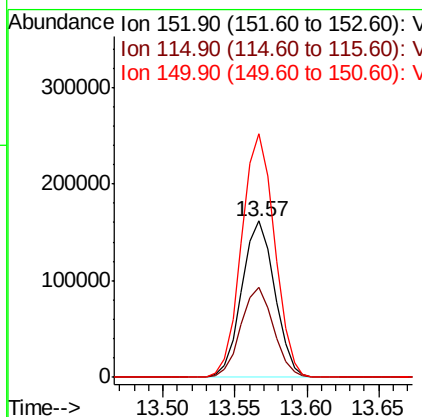
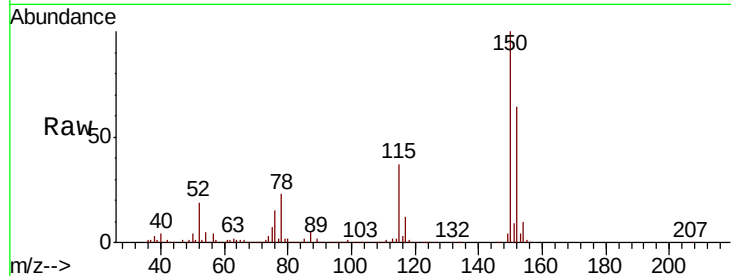




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VW004877.D
 Acq: 22 Aug 2018 08:45

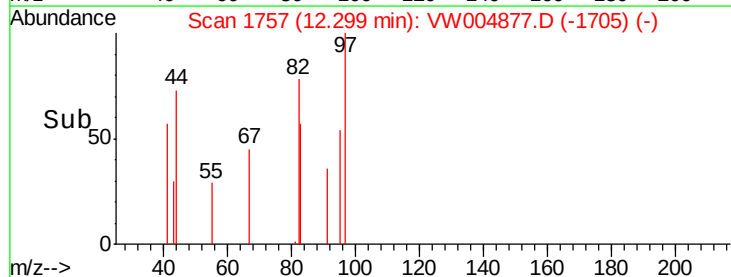
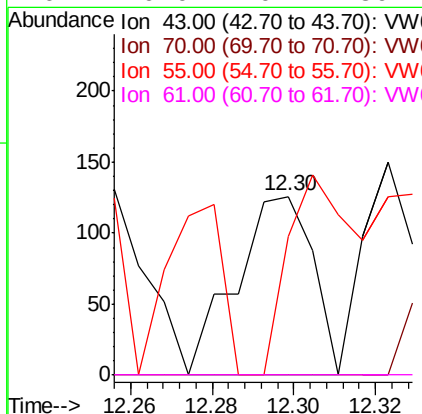
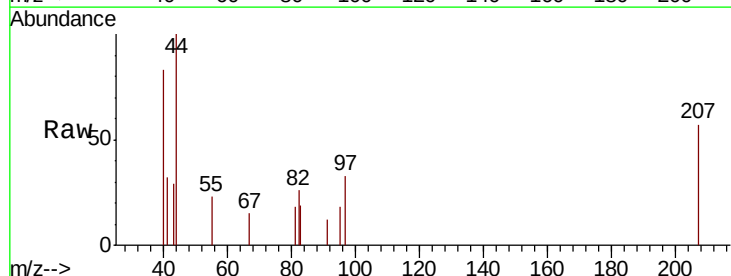
Instrument :
 MSVOA_W
 ClientSampleId :
 EO-01-082118-A

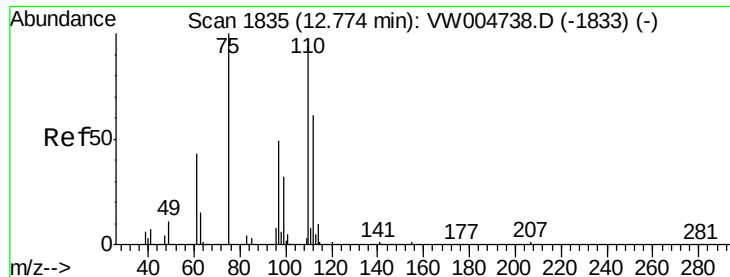
Tot Ion:152 Resp: 257178
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.5 85.5
 150 155.8 0.0 344.8



#74
 N-ethyl acetate
 Concen: 4.06 ug/l
 RT: 12.30 min Scan# 1757
 Delta R.T. 0.02 min
 Lab File: VW004877.D
 Acq: 22 Aug 2018 08:45

Tgt Ion: 43 Resp: 165
 Ion Ratio Lower Upper
 43 100
 70 0.0 36.3 54.5#
 55 98.8 22.6 33.8#
 61 0.0 20.2 30.4#





#76

1,2,3-Trichloropropane

Concen: 43.81 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.15 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

Instrument :

MSVOA_W

ClientSampleId :

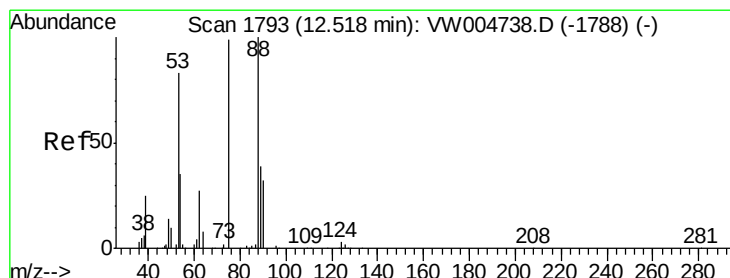
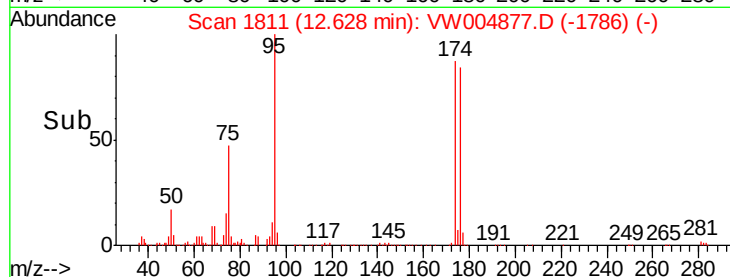
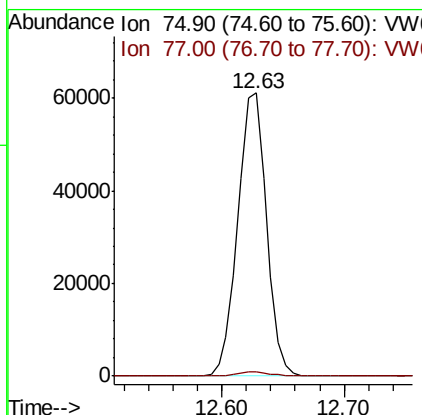
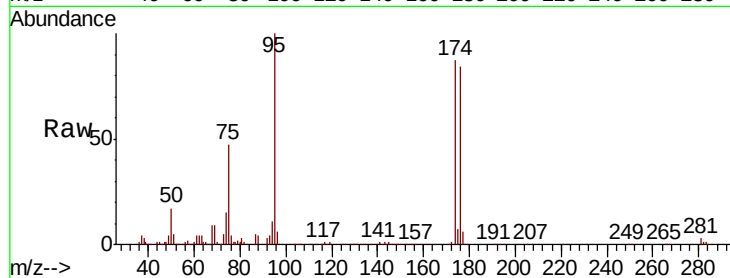
EO-01-082118-A

Tot Ion: 75 Resp: 99313

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.82 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004877.D

Acq: 22 Aug 2018 08:45

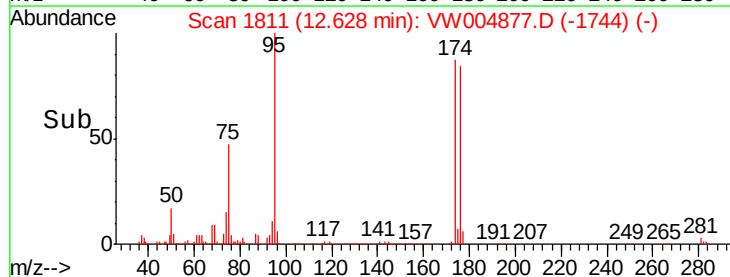
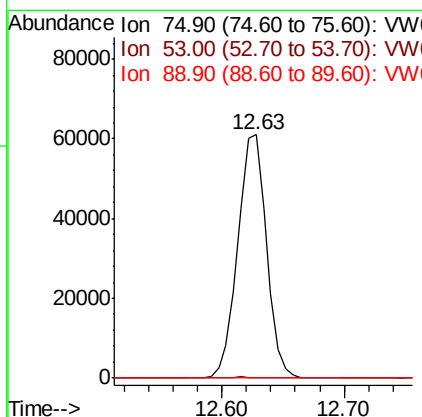
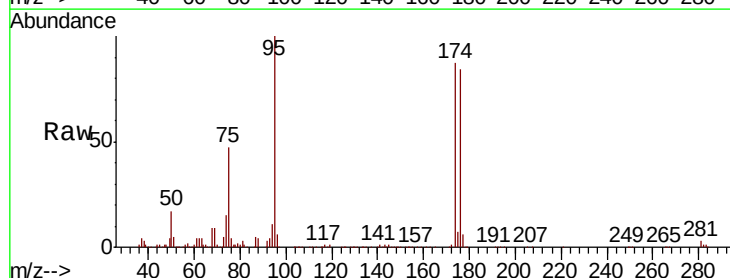
Tgt Ion: 75 Resp: 99313

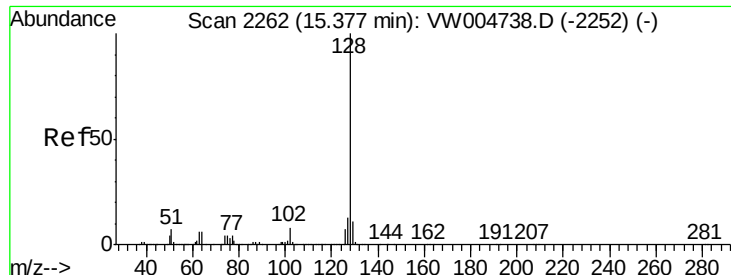
Ion Ratio Lower Upper

75 100

53 0.4 72.2 108.4#

89 0.0 35.2 52.8#





#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

Instrument :

MSVOA_W

ClientSampleId :

EO-01-082118-A

Tot Ion:128 Resp: 1375

Ion Ratio Lower Upper

128 100

127 6.3 10.4 15.6#

129 4.1 8.6 13.0#

