

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
 Data File : VW001139.D
 Acq On : 30 Jan 2018 00:07
 Operator : JC/SY
 Sample : J1288-01RE
 Misc : 5.30G/5.0ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(69-71)RE

Quant Time: Jan 30 02:13:36 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 30 01:11:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	148750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	233065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	174890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	47740	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	111152	76.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	153.72%	
35) Dibromofluoromethane	7.88	113	90999	61.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.08%	
50) Toluene-d8	10.33	98	293141	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.63	95	66541	31.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.94%	

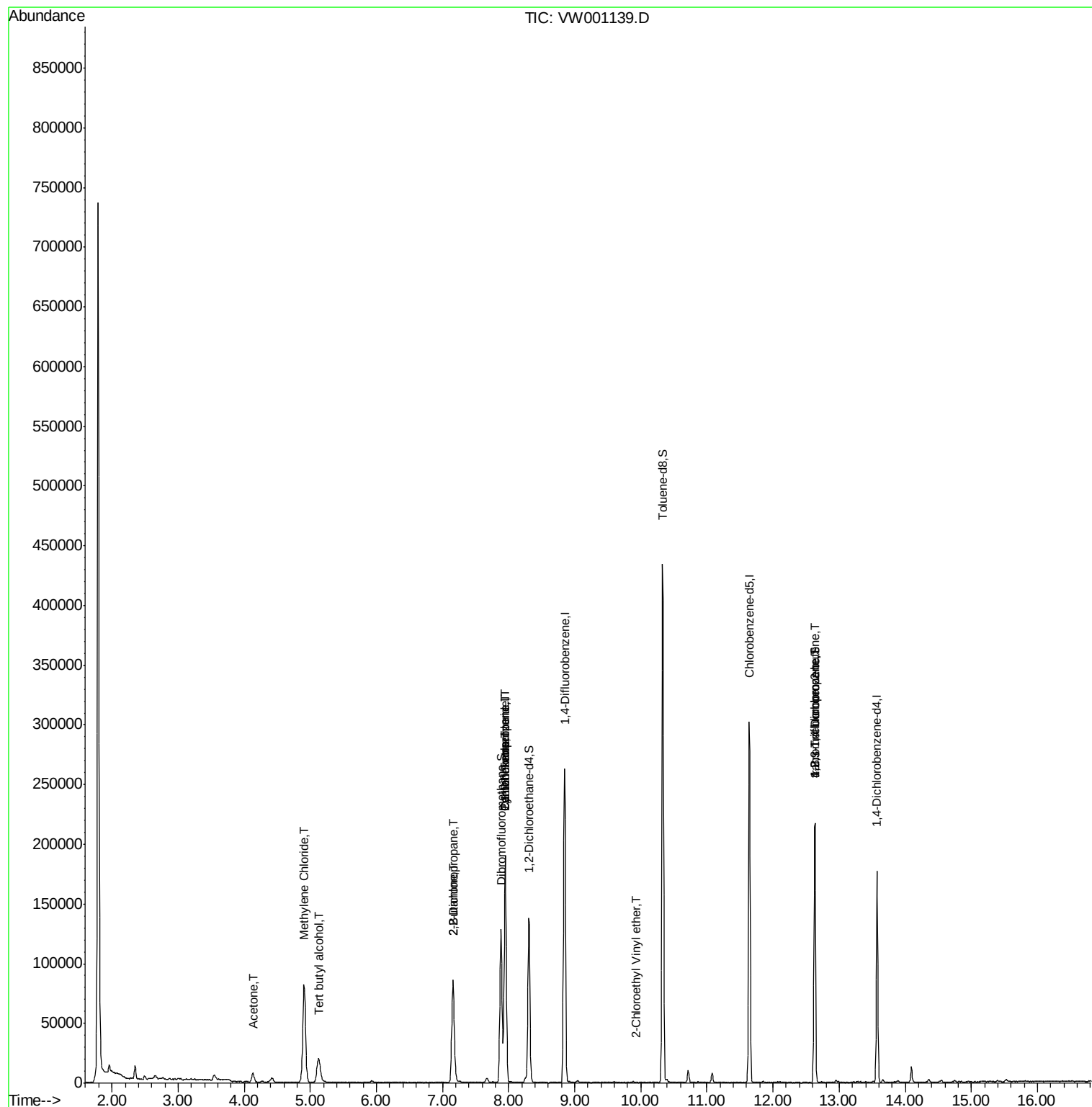
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	934	Below Cal	#	51
11) Tert butyl alcohol	5.14	59	19647	169.09	ug/l #	75
16) Acetone	4.13	43	11844	31.15	ug/l	98
20) Methylene Chloride	4.90	84	62345	49.56	ug/l	98
25) 2-Butanone	7.17	43	4978	9.97	ug/l #	71
26) 2,2-Dichloropropane	7.15	77	5540	2.53	ug/l #	52
31) Cyclohexane	7.95	56	2843	1.32	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	11071	5.26	ug/l #	49
38) Carbon Tetrachloride	7.95	117	14714	6.26	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	87	23.48	ug/l #	44
76) 1,2,3-Trichloropropane	12.63	75	33287	68.79	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	33287	180.89	ug/l #	12

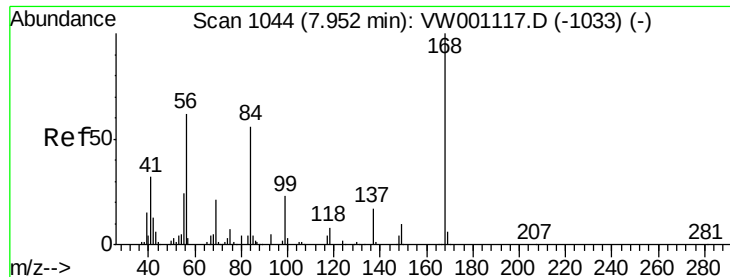
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Data File : VW001139.D
Acq On : 30 Jan 2018 00:07
Operator : JC/SY
Sample : J1288-01RE
Misc : 5.30G/5.0ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(69-71)RE

Quant Time: Jan 30 02:13:36 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 01:11:27 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: VW001139.D

Acq: 30 Jan 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

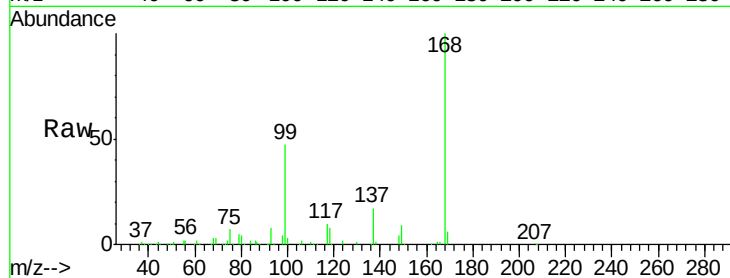
EPE-108-4(69-71)RE

Tgt Ion:168 Resp: 148750

Ion Ratio Lower Upper

168 100

99 47.2 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

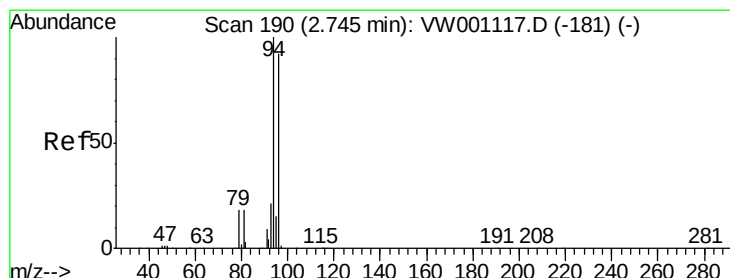
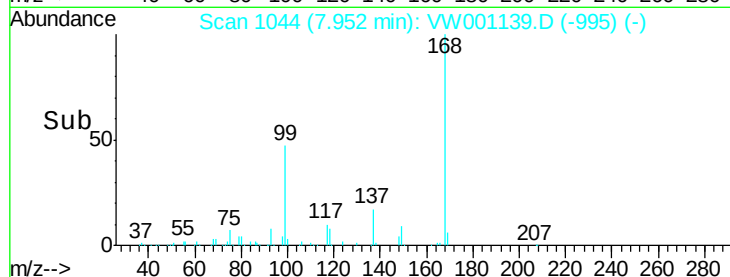
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 193

Delta R.T. 0.02 min

Lab File: VW001139.D

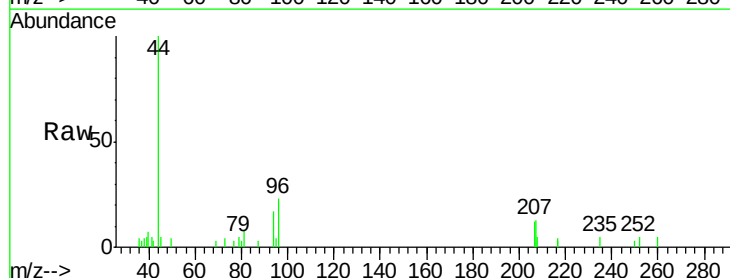
Acq: 30 Jan 2018 00:07

Tgt Ion: 94 Resp: 934

Ion Ratio Lower Upper

94 100

96 138.7 73.7 110.5#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

500

400

300

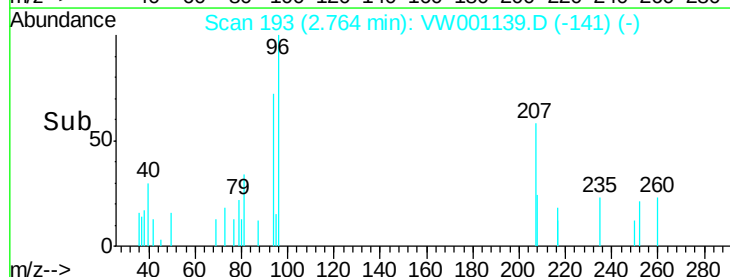
200

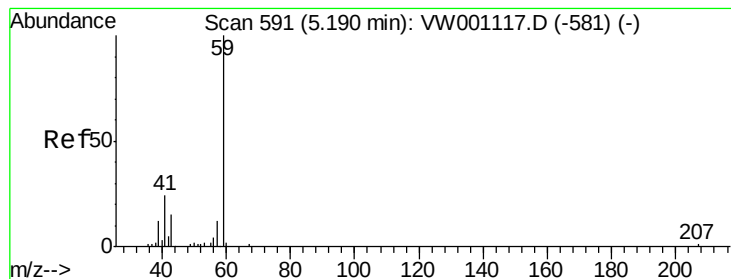
100

0

2.65 2.70 2.75 2.80 2.85

Time-->



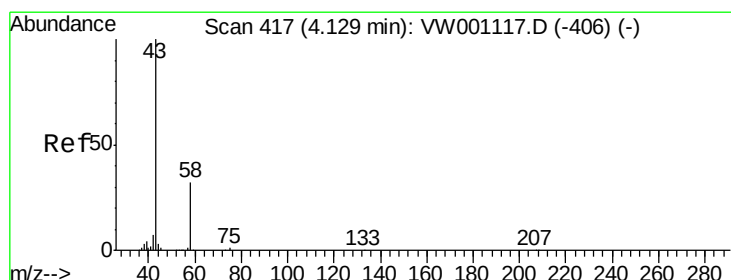
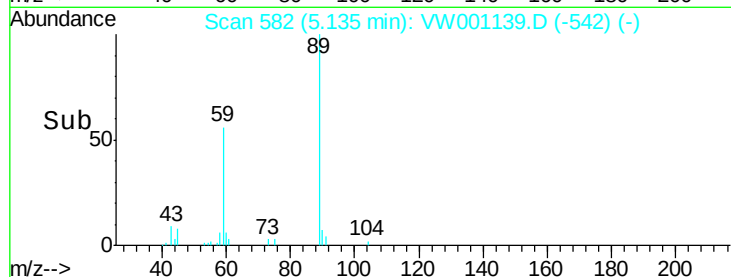
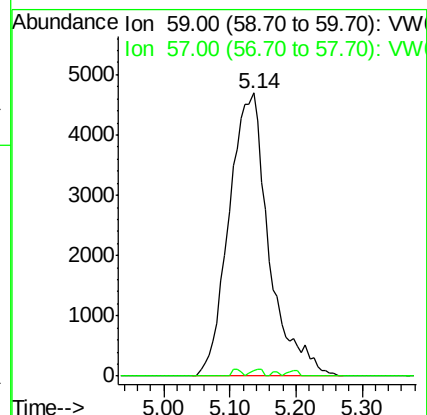
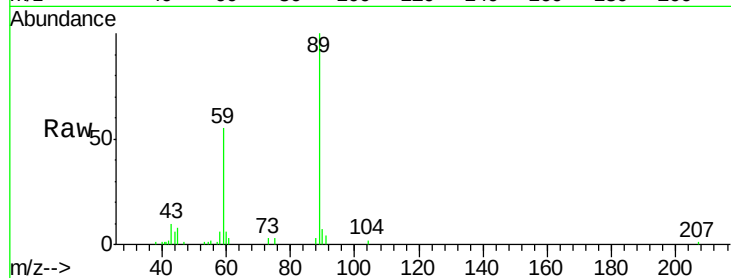


#11

Tert butyl alcohol
Concen: 169.09 ug/l
RT: 5.14 min Scan# 582
Delta R.T. -0.05 min
Lab File: VW001139.D
Acq: 30 Jan 2018 00:07

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(69-71)RE

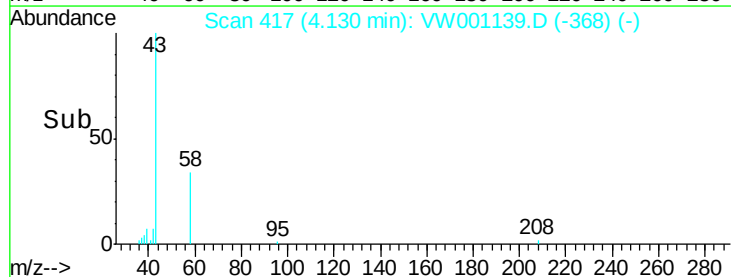
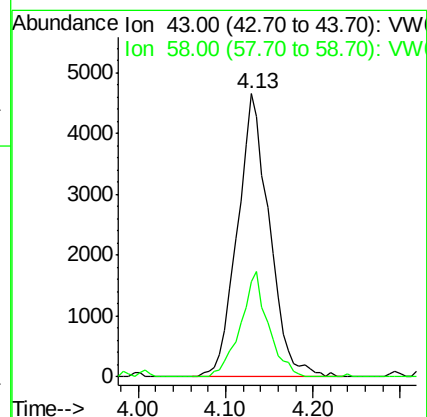
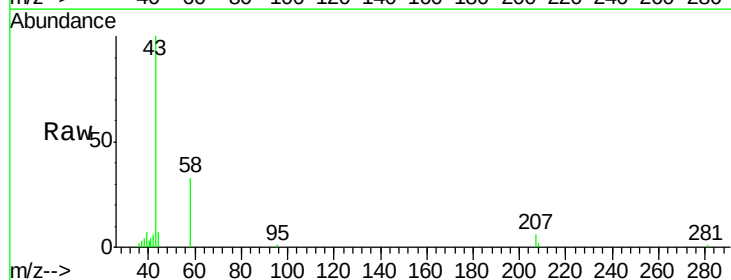
Tgt Ion: 59 Resp: 19647
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#

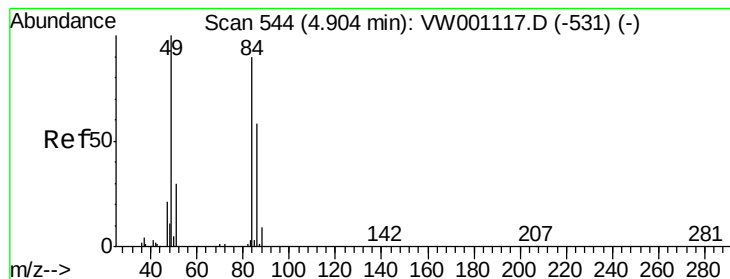


#16

Acetone
Concen: 31.15 ug/l
RT: 4.13 min Scan# 417
Delta R.T. 0.00 min
Lab File: VW001139.D
Acq: 30 Jan 2018 00:07

Tgt Ion: 43 Resp: 11844
Ion Ratio Lower Upper
43 100
58 33.5 25.7 38.5





#20

Methylene Chloride

Concen: 49.56 ug/l

RT: 4.90 min Scan# 544

Delta R.T. 0.00 min

Lab File: VW001139.D

Acq: 30 Jan 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(69-71)RE

Tgt Ion: 84 Resp: 62345

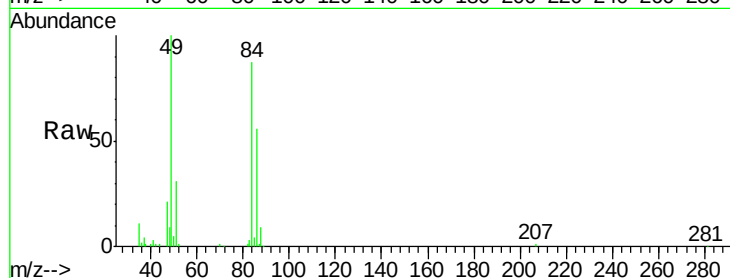
Ion Ratio Lower Upper

84 100

49 114.7 89.2 133.8

51 35.9 26.7 40.1

86 64.4 51.7 77.5

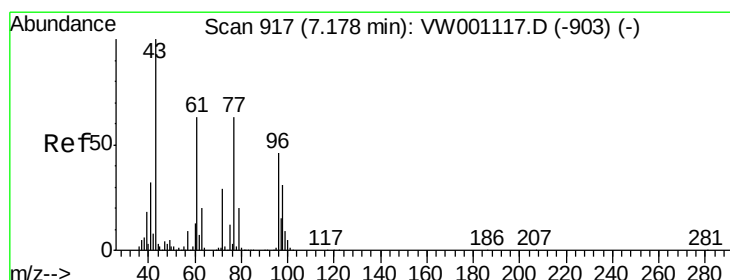
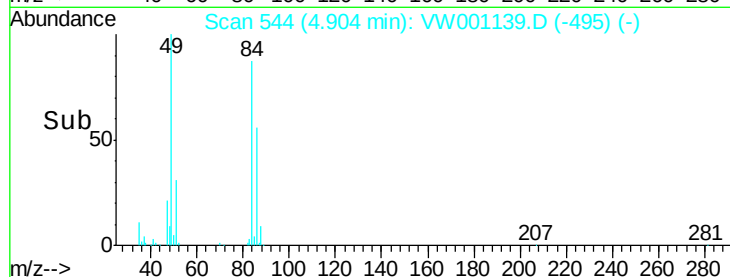
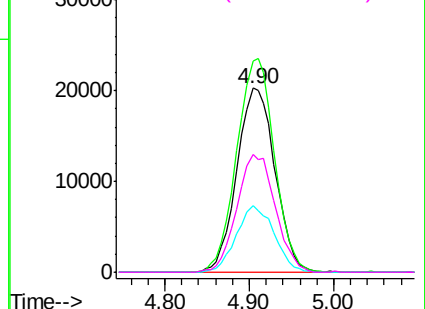


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 9.97 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW001139.D

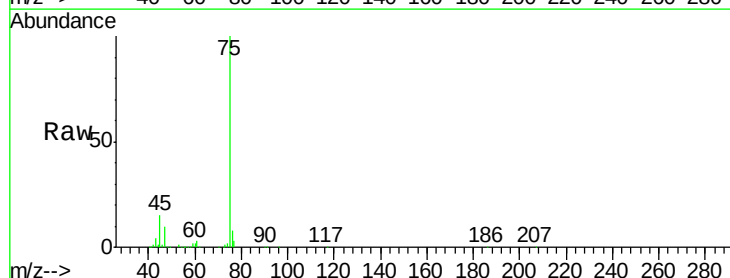
Acq: 30 Jan 2018 00:07

Tgt Ion: 43 Resp: 4978

Ion Ratio Lower Upper

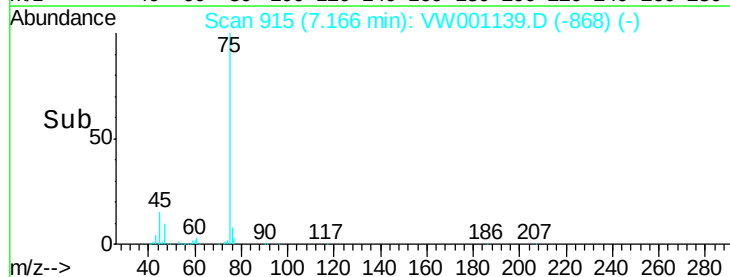
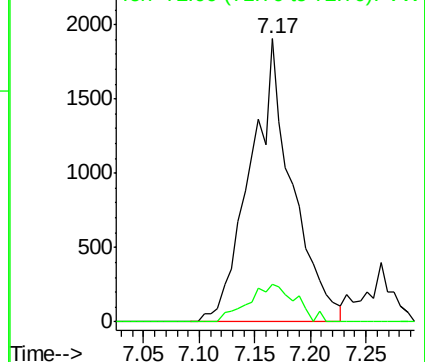
43 100

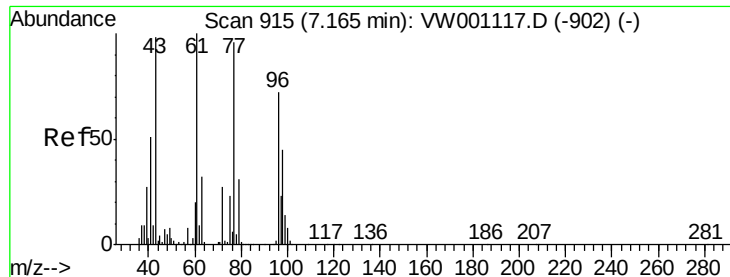
72 13.2 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#26

2,2-Dichloropropane

Concen: 2.53 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.01 min

Lab File: VW001139.D

Acq: 30 Jan 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

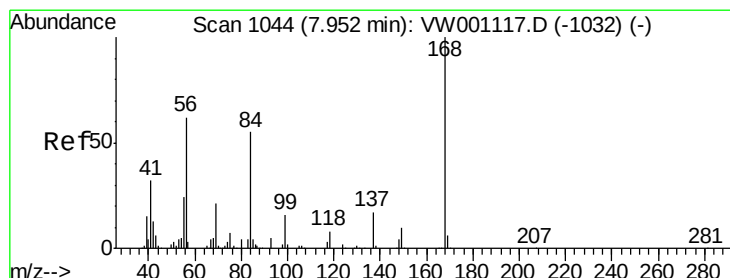
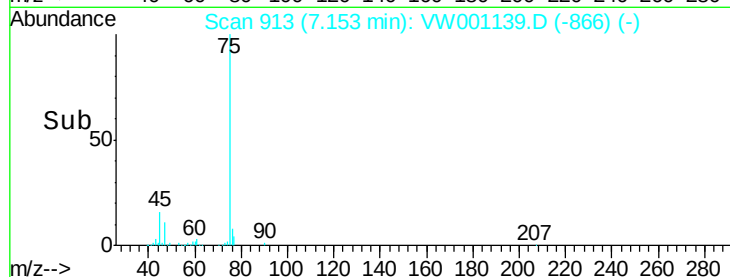
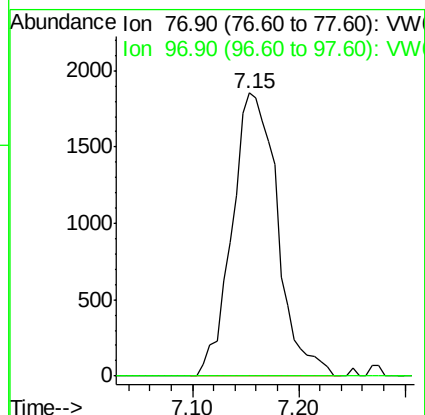
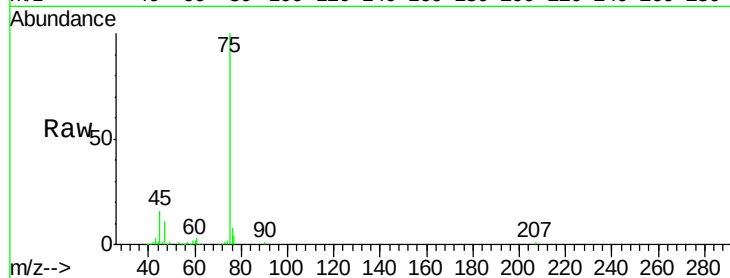
EPE-108-4(69-71)RE

Tgt Ion: 77 Resp: 5540

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.7#



#31

Cyclohexane

Concen: 1.32 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VW001139.D

Acq: 30 Jan 2018 00:07

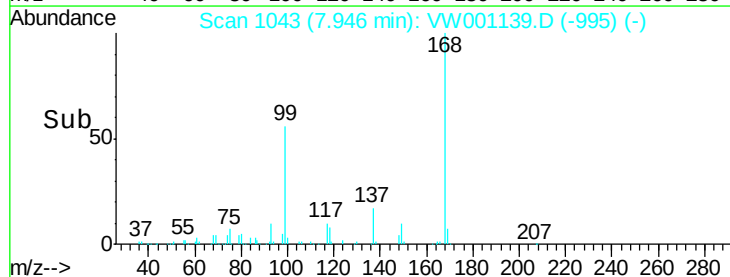
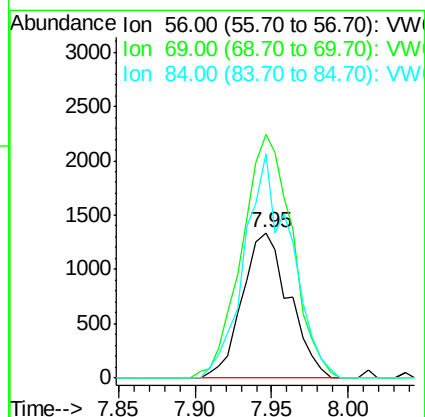
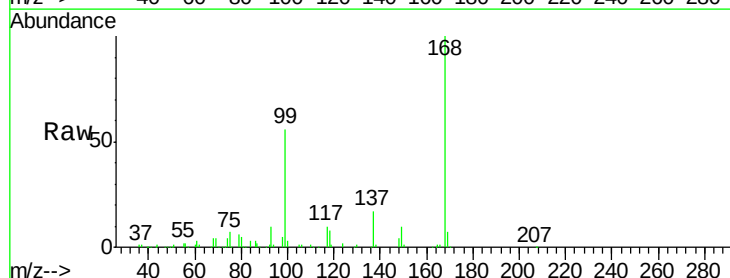
Tgt Ion: 56 Resp: 2843

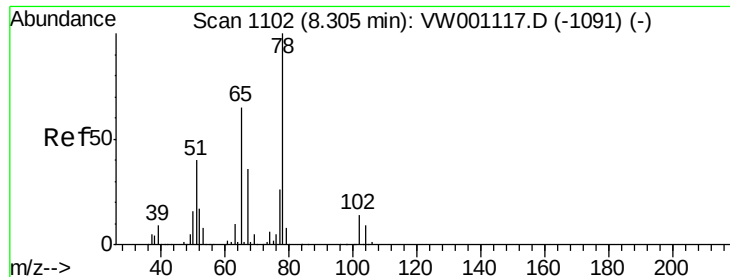
Ion Ratio Lower Upper

56 100

69 167.8 27.4 41.0#

84 155.1 71.1 106.7#

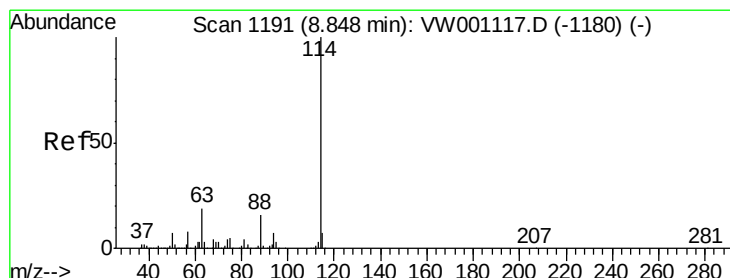
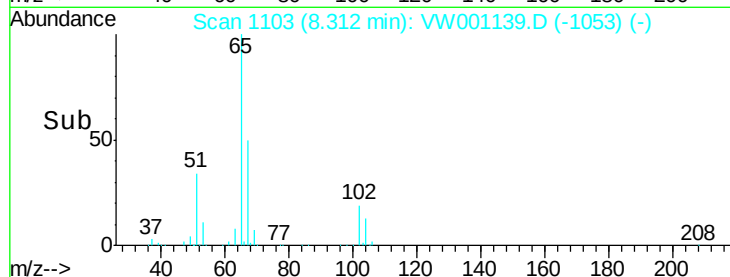
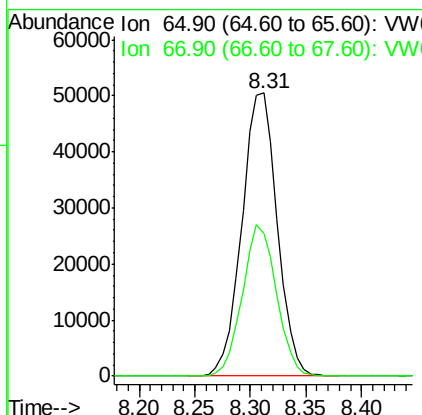
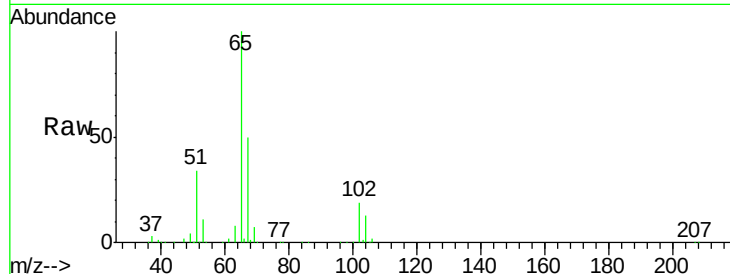




#33
 1,2-Dichloroethane-d4
 Concen: 76.86 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW001139.D
 Acq: 30 Jan 2018 00:07

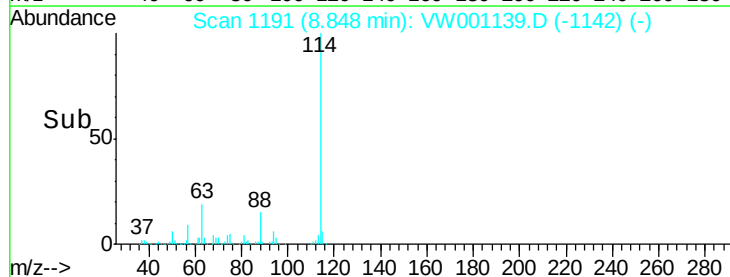
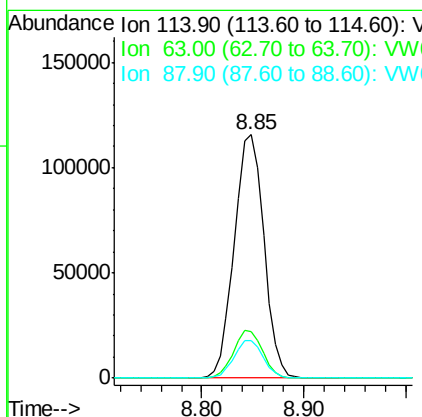
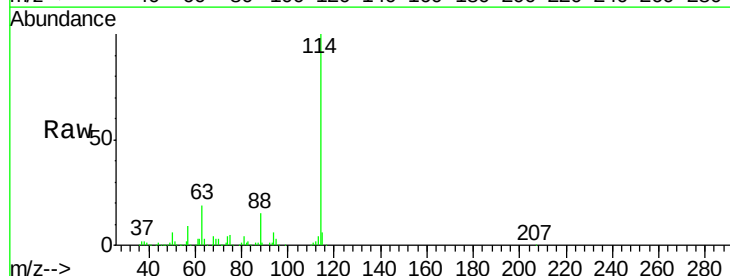
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(69-71)RE

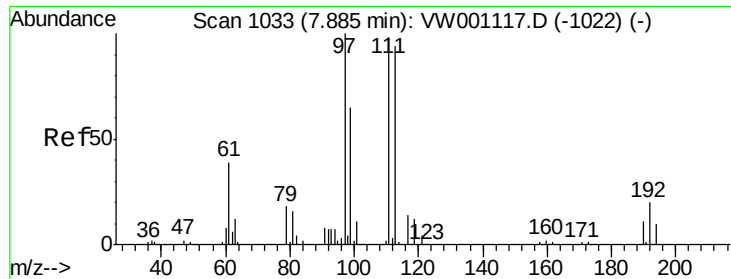
Tgt Ion: 65 Resp: 111152
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW001139.D
 Acq: 30 Jan 2018 00:07

Tgt Ion: 114 Resp: 233065
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.2
 88 15.3 0.0 31.0

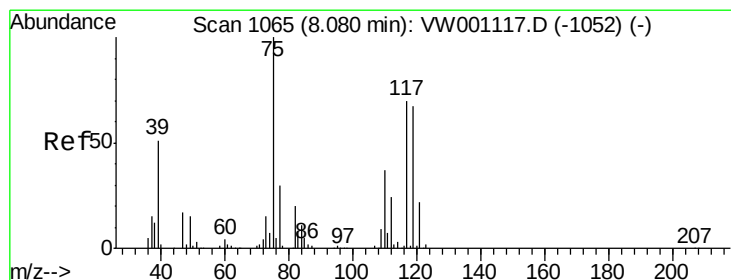
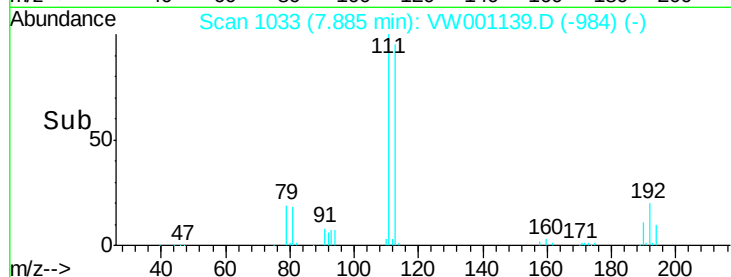
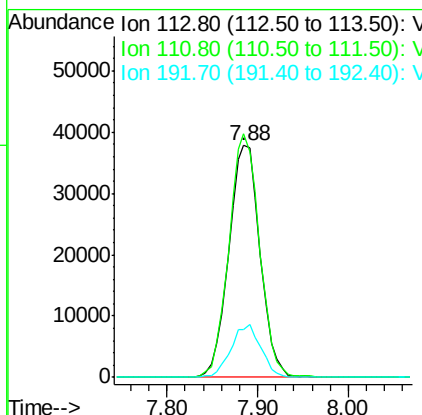
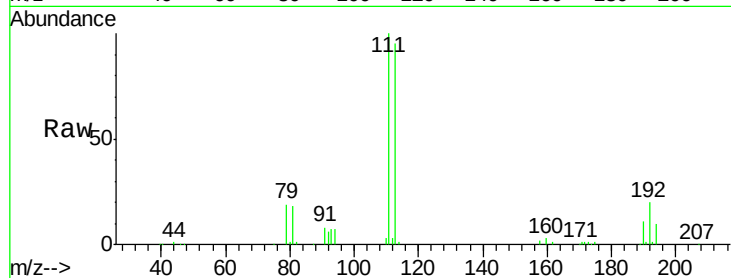




#35
 Dibromofluoromethane
 Concen: 61.04 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW001139.D
 Acq: 30 Jan 2018 00:07

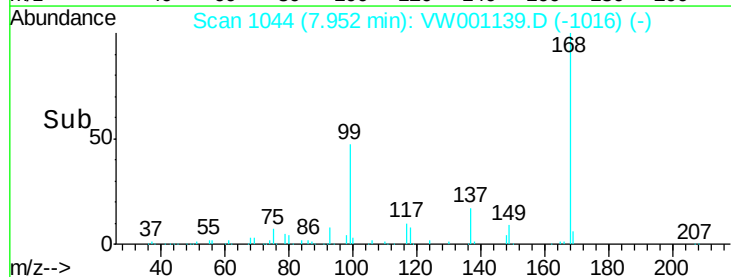
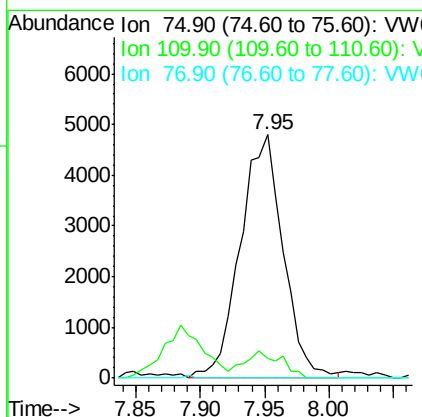
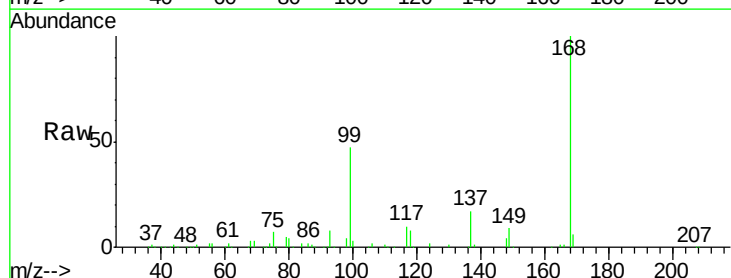
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(69-71)RE

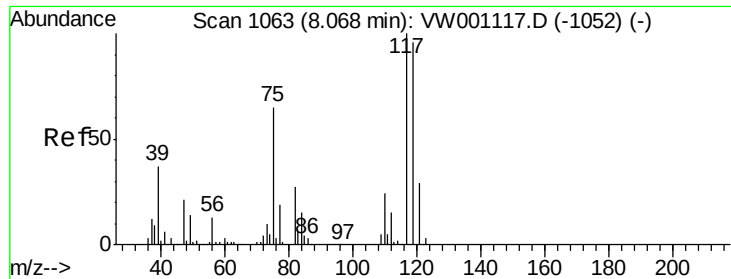
Tgt Ion:113 Resp: 90999
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.1 124.7
 192 21.9 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 5.26 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW001139.D
 Acq: 30 Jan 2018 00:07

Tgt Ion: 75 Resp: 11071
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.7 56.1#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.26 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW001139.D

Acq: 30 Jan 2018 00:07

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(69-71)RE

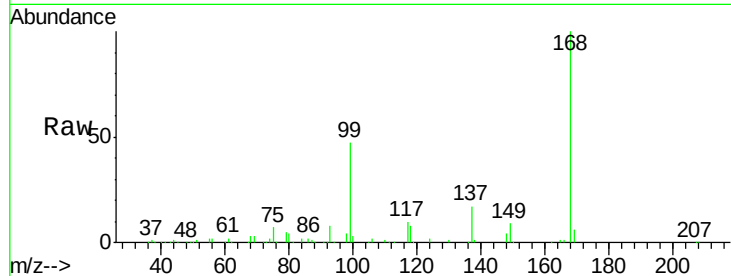
Tgt Ion:117 Resp: 14714

Ion Ratio Lower Upper

117 100

119 4.7 77.0 115.4#

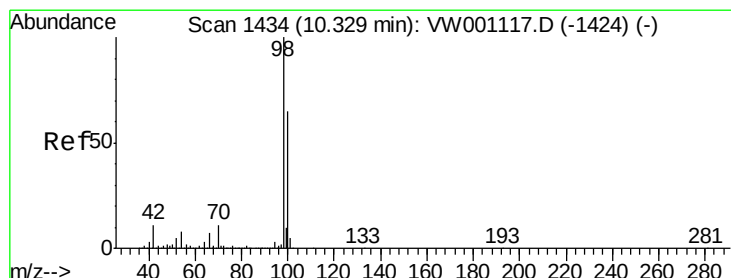
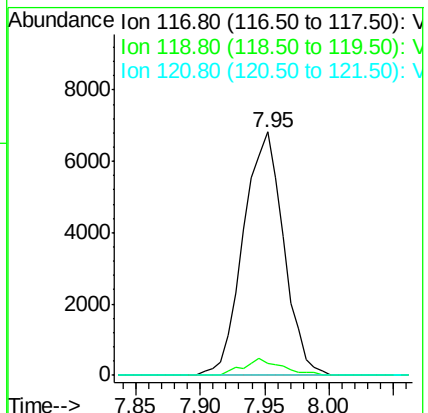
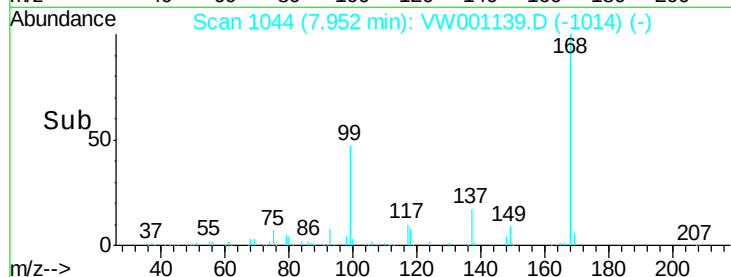
121 0.0 23.5 35.3#



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: 51.09 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW001139.D

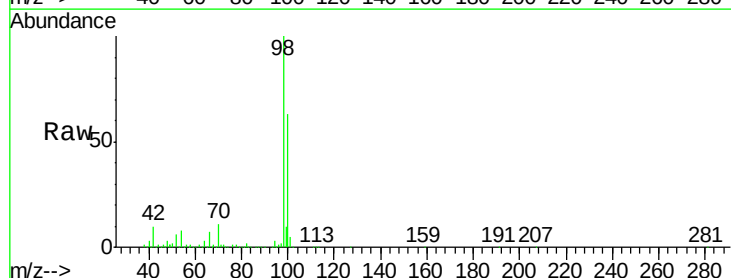
Acq: 30 Jan 2018 00:07

Tgt Ion: 98 Resp: 293141

Ion Ratio Lower Upper

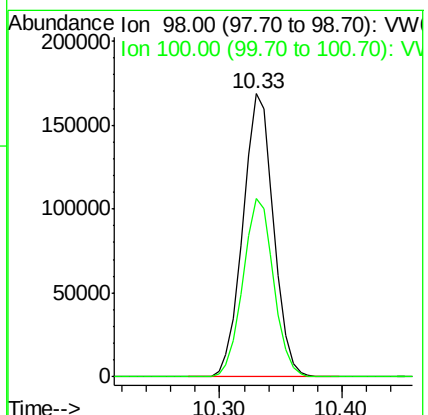
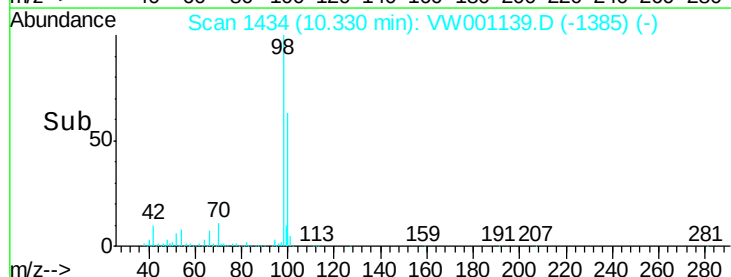
98 100

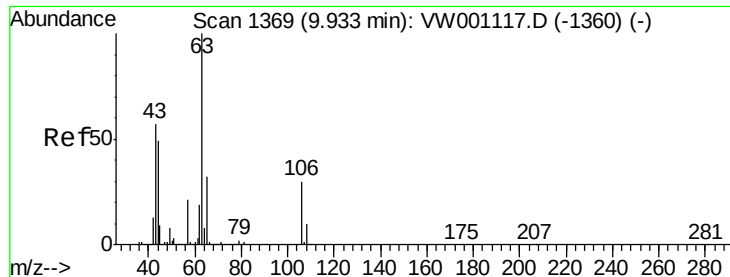
100 63.0 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

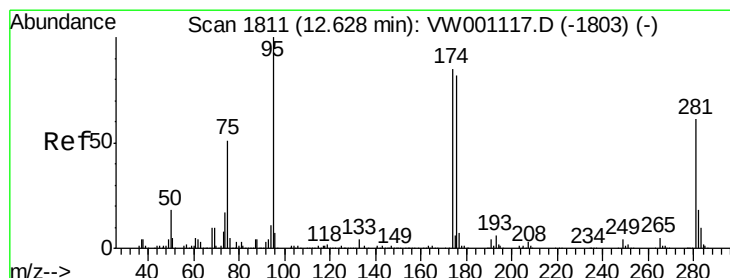
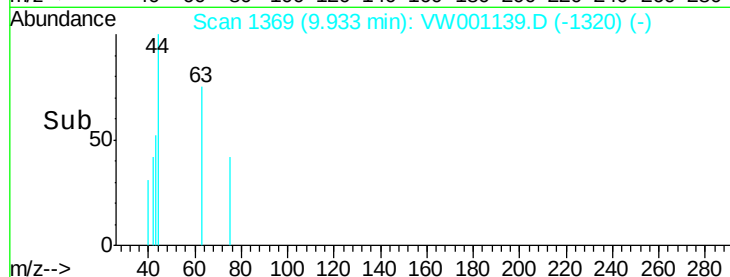
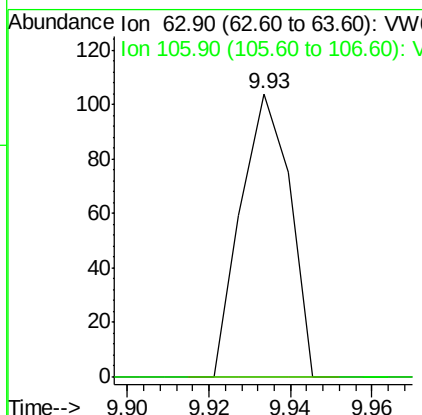
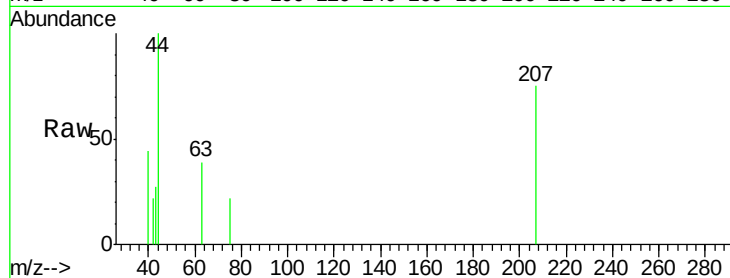




#58
 2-Chloroethyl Vinyl ether
 Concen: 23.48 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW001139.D
 Acq: 30 Jan 2018 00:07

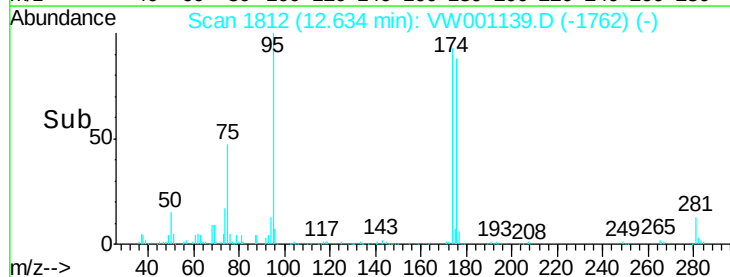
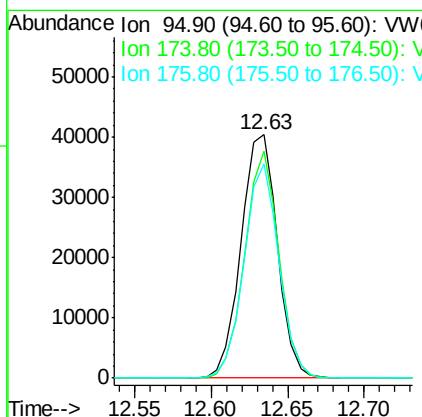
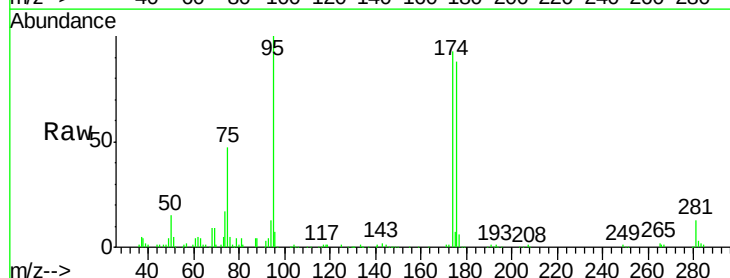
Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(69-71)RE

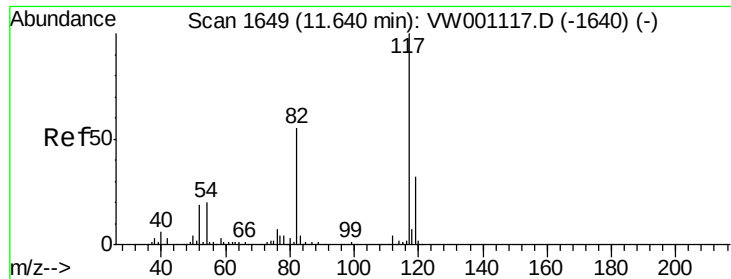
Tgt Ion: 63 Resp: 87
 Ion Ratio Lower Upper
 63 100
 106 0.0 24.2 36.4#



#62
 4-Bromofluorobenzene
 Concen: 31.47 ug/l
 RT: 12.63 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW001139.D
 Acq: 30 Jan 2018 00:07

Tgt Ion: 95 Resp: 66541
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 179.6
 176 84.6 0.0 174.4

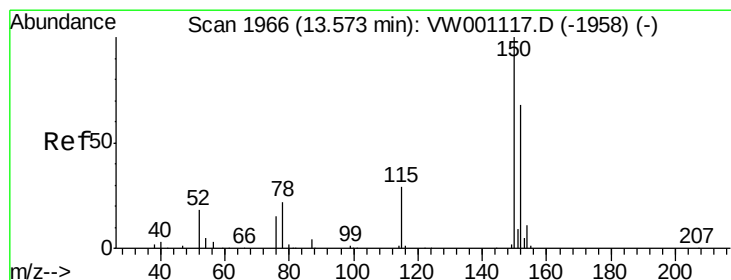
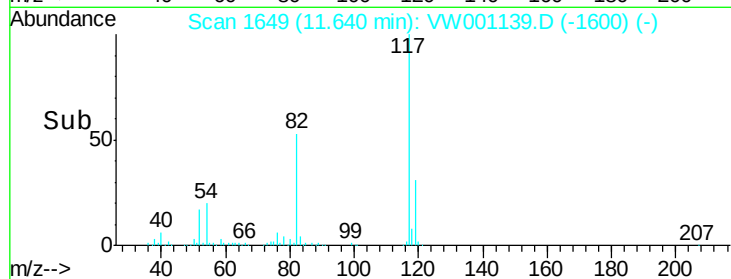
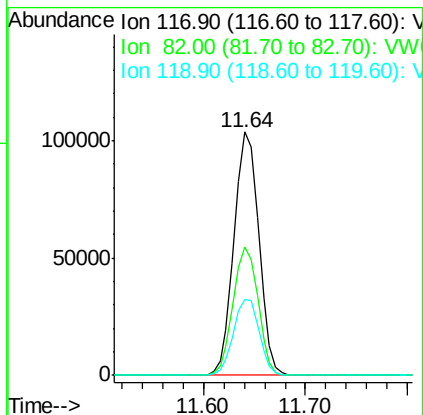
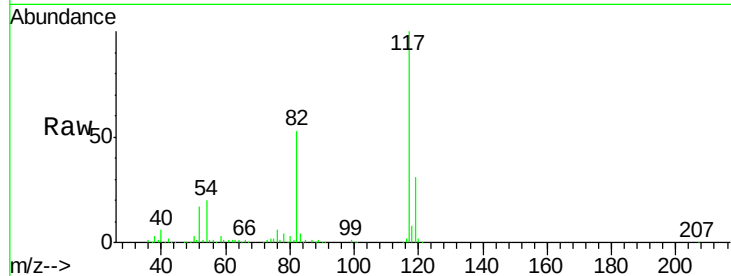




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW001139.D
Acq: 30 Jan 2018 00:07

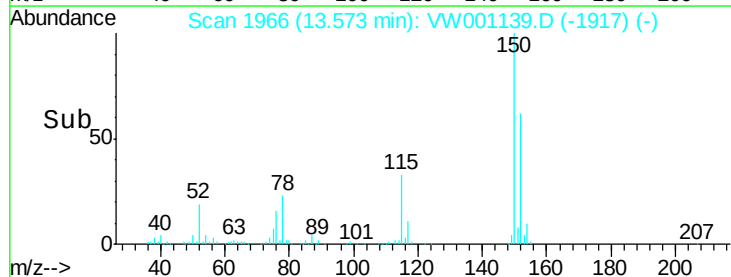
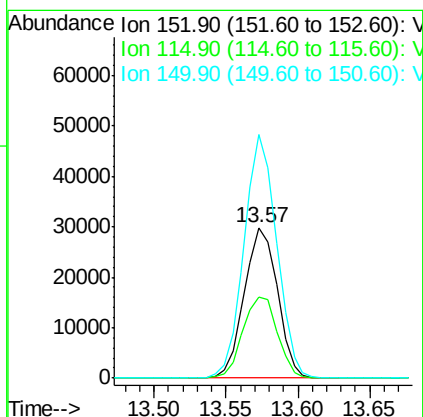
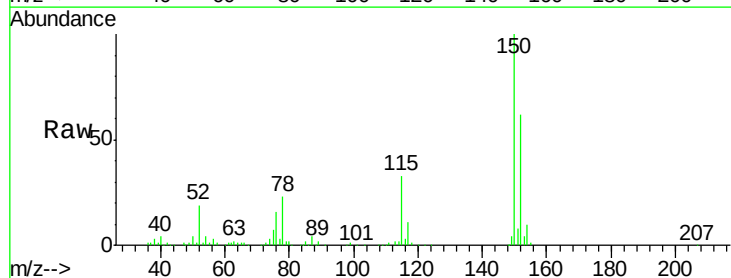
Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(69-71)RE

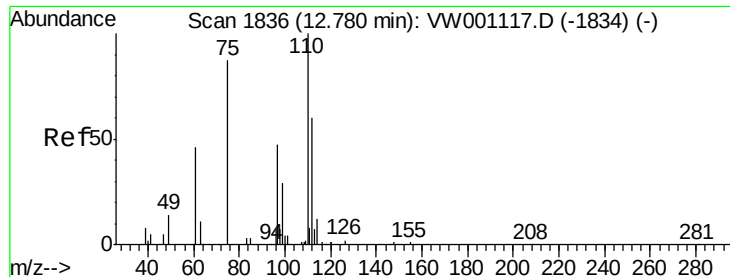
Tgt Ion:117 Resp: 174890
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 31.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VW001139.D
Acq: 30 Jan 2018 00:07

Tgt Ion:152 Resp: 47740
Ion Ratio Lower Upper
152 100
115 56.2 28.4 85.3
150 158.4 0.0 342.4

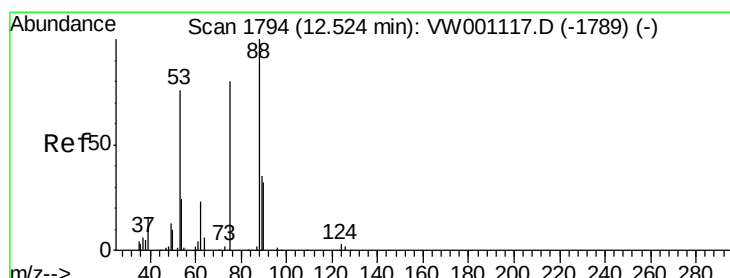
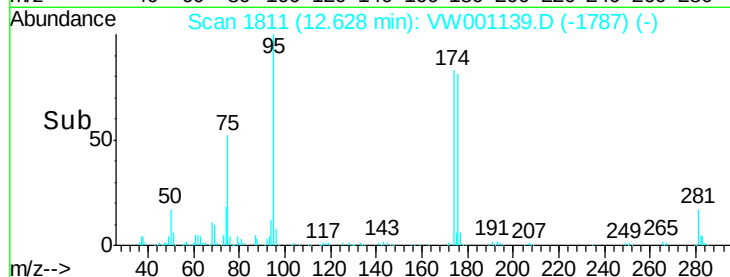
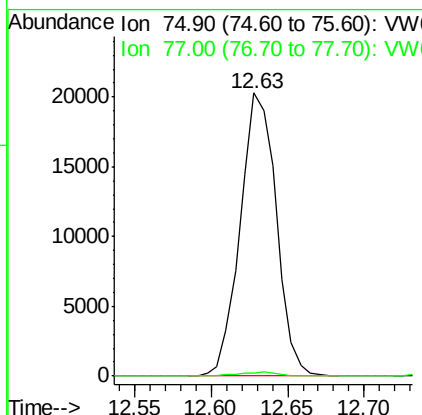
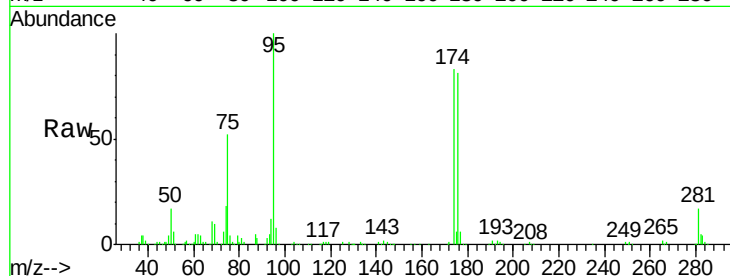




#76
 1,2,3-Trichloropropane
 Concen: 68.79 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW001139.D
 Acq: 30 Jan 2018 00:07

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(69-71)RE

Tgt Ion: 75 Resp: 33287
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 180.89 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.10 min
 Lab File: VW001139.D
 Acq: 30 Jan 2018 00:07

Tgt Ion: 75 Resp: 33287
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.0 38.2 57.4#

