

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW012918\
 Data File : VW001143.D
 Acq On : 30 Jan 2018 01:46
 Operator : JC/SY
 Sample : J1288-05RE
 Misc : 6.05G/5.0ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-108-4(90-92)RE

Quant Time: Jan 30 17:06:28 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

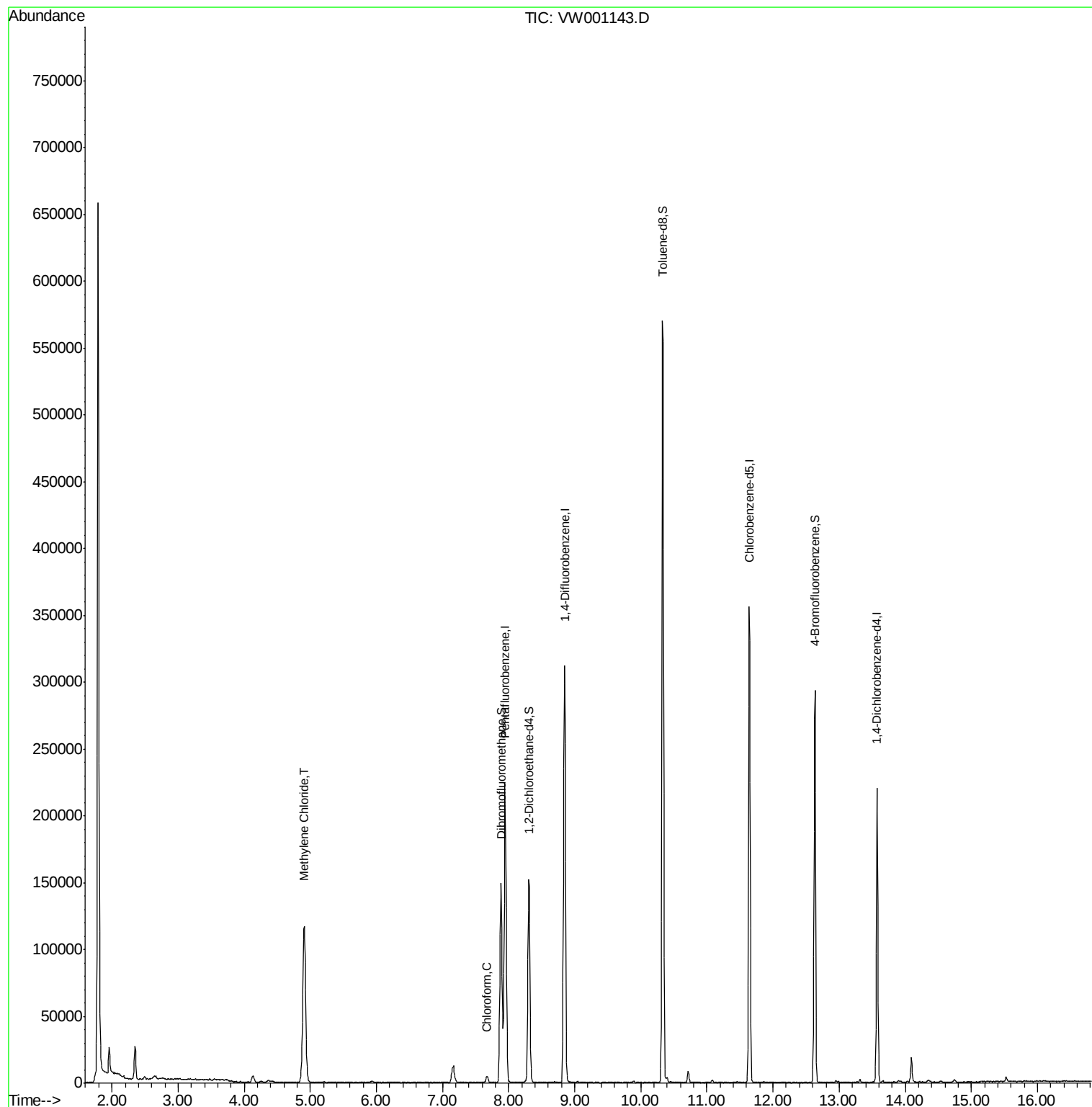
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	174277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	266518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	204320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	59698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	123159	72.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.38%	
35) Dibromofluoromethane	7.88	113	105615	61.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.90%	
50) Toluene-d8	10.33	98	391628	59.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.38%	
62) 4-Bromofluorobenzene	12.63	95	87424	36.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.32%	
Target Compounds						
20) Methylene Chloride	4.91	84	91828	62.97	ug/l	99
30) Chloroform	7.68	83	3788	1.35	ug/l	90

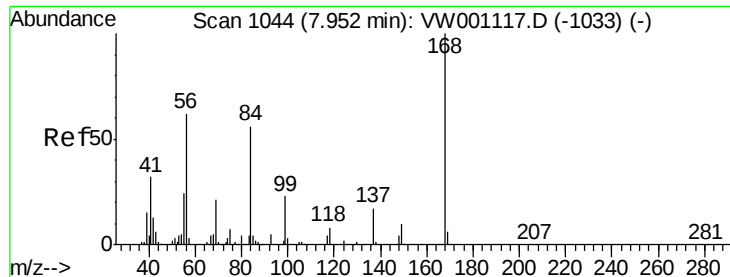
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW001143.D

Acq: 30 Jan 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

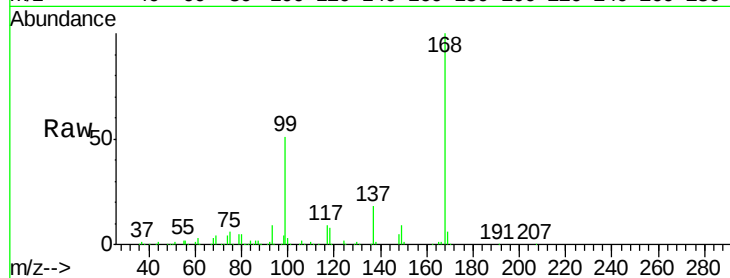
EPE-108-4(90-92)RE

Tot Ion:168 Resp: 174277

Ion Ratio Lower Upper

168 100

99 50.8 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

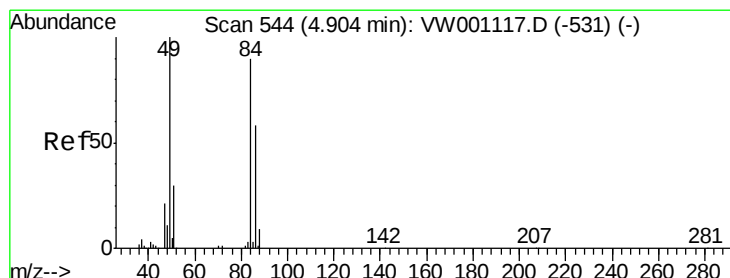
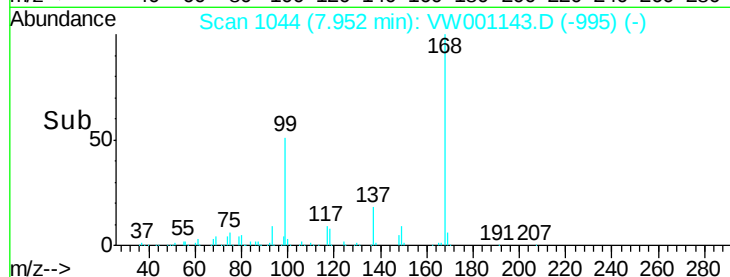
40000

20000

0

7.90 8.00 8.10

Time-->



#20

Methylene Chloride

Concen: 62.97 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.01 min

Lab File: VW001143.D

Acq: 30 Jan 2018 01:46

Tgt Ion: 84 Resp: 91828

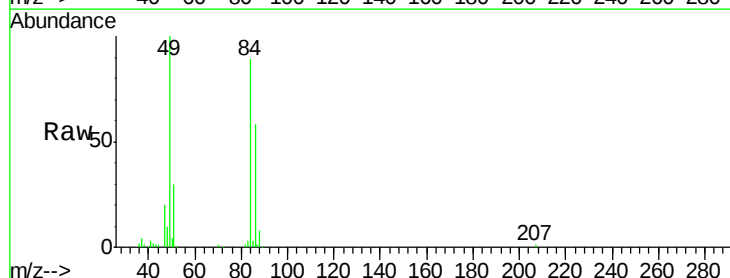
Ion Ratio Lower Upper

84 100

49 112.0 89.2 133.8

51 33.9 26.7 40.1

86 65.5 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

4.91

50000

40000

30000

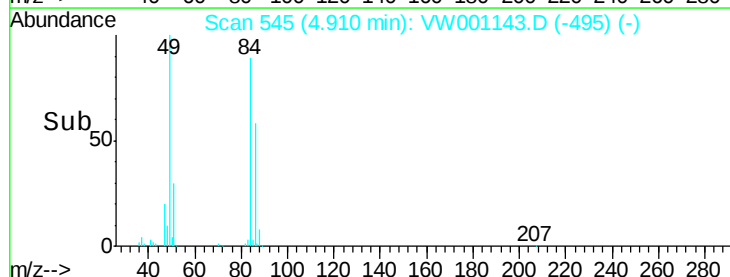
20000

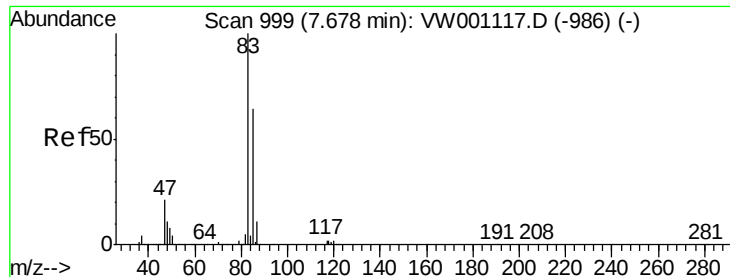
10000

0

4.80 4.90 5.00

Time-->

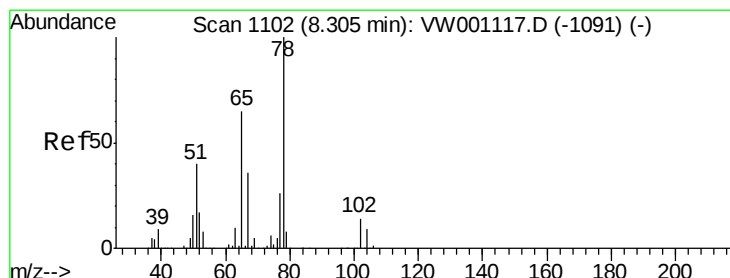
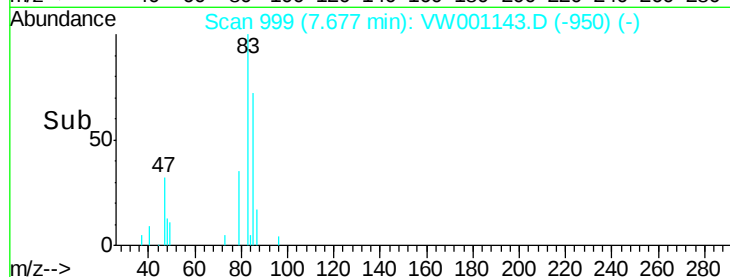
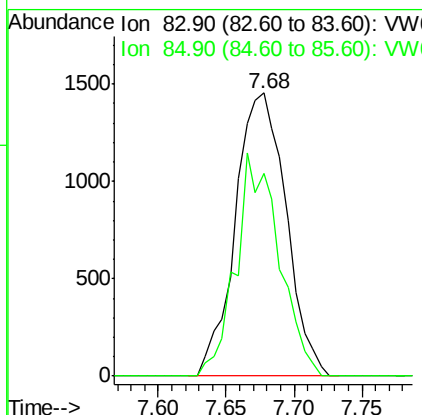
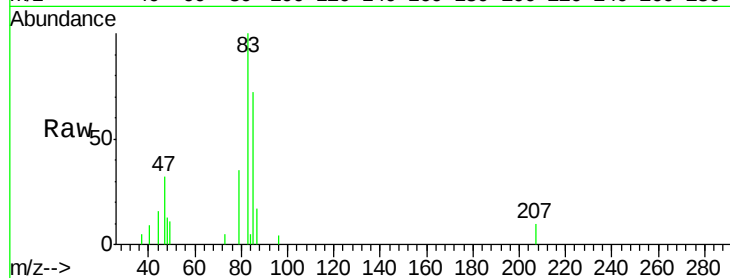




#30
Chloroform
Concen: 1.35 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW001143.D
Acq: 30 Jan 2018 01:46

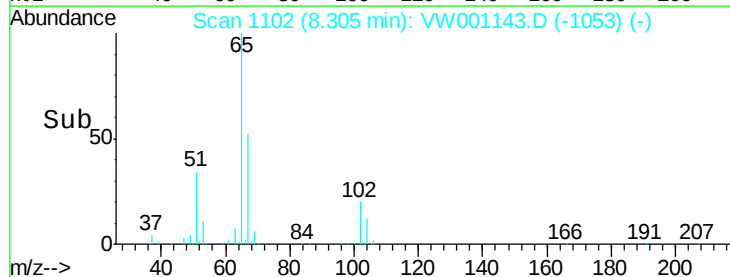
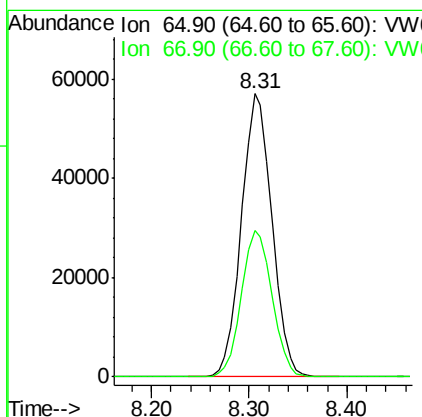
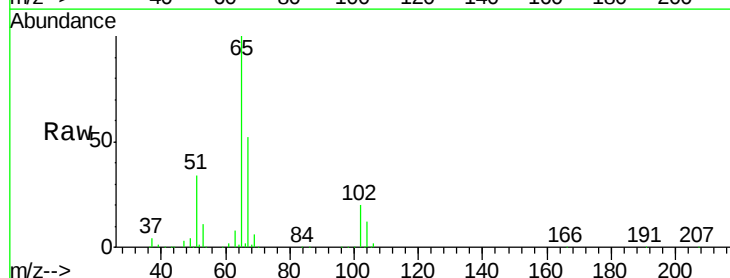
Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(90-92)RE

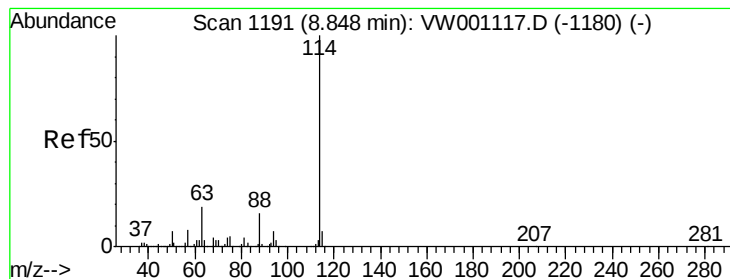
Tot Ion: 83 Resp: 3788
Ion Ratio Lower Upper
83 100
85 71.8 51.4 77.2



#33
1,2-Dichloroethane-d4
Concen: 72.69 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW001143.D
Acq: 30 Jan 2018 01:46

Tgt Ion: 65 Resp: 123159
Ion Ratio Lower Upper
65 100
67 52.2 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: VW001143.D

Acq: 30 Jan 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

EPE-108-4(90-92)RE

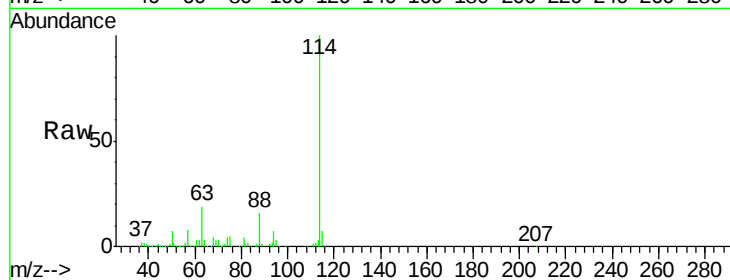
Tot Ion:114 Resp: 266518

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.2

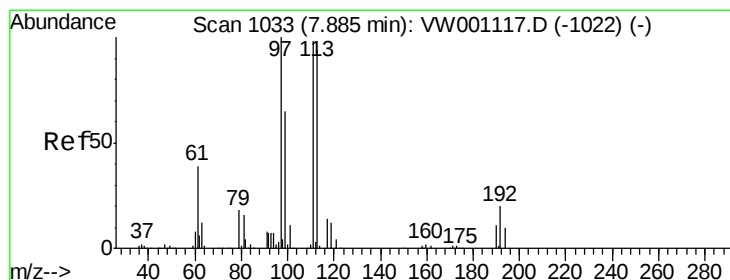
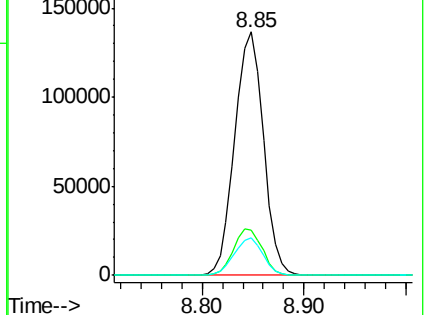
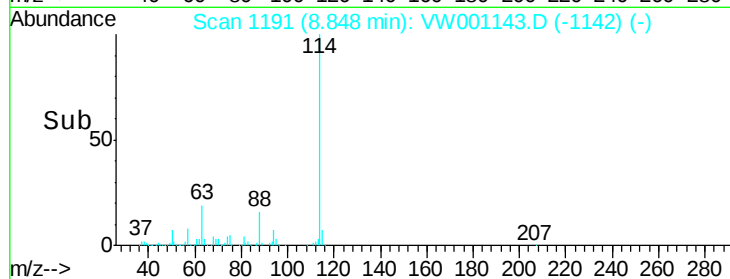
88 15.6 0.0 31.0



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: 61.95 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW001143.D

Acq: 30 Jan 2018 01:46

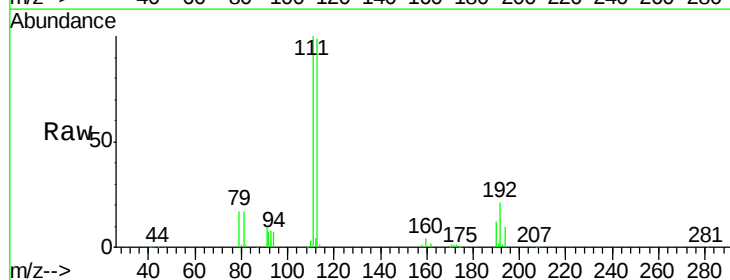
Tgt Ion:113 Resp: 105615

Ion Ratio Lower Upper

113 100

111 102.5 83.1 124.7

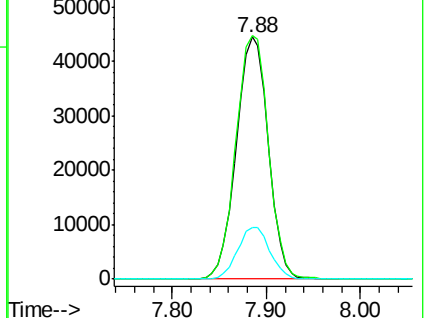
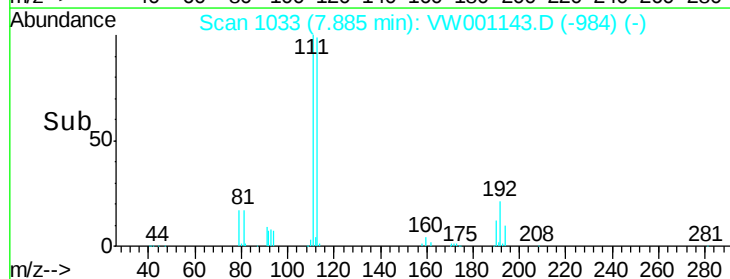
192 21.6 17.8 26.6

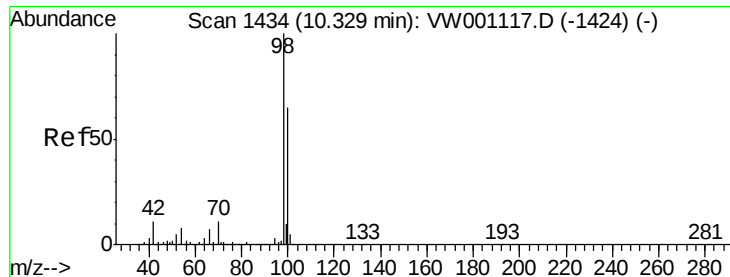


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 59.69 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW001143.D

Acq: 30 Jan 2018 01:46

Instrument :

MSVOA_W

ClientSampleId :

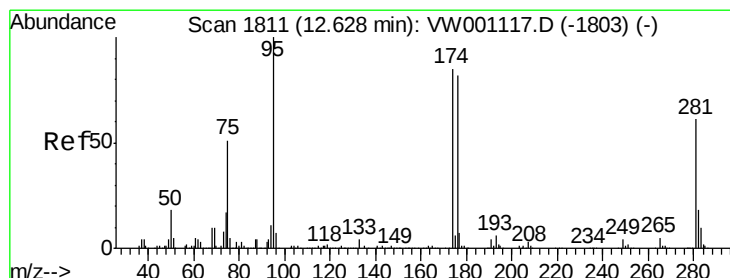
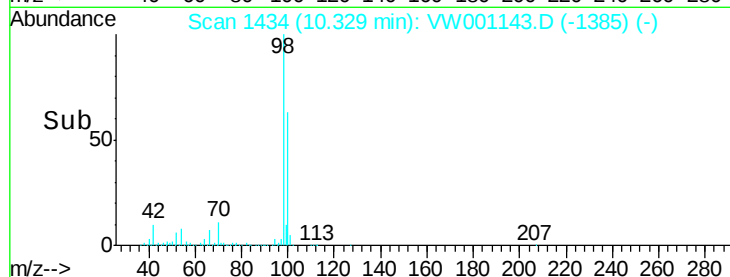
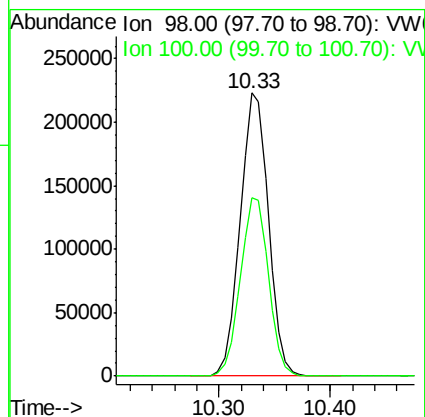
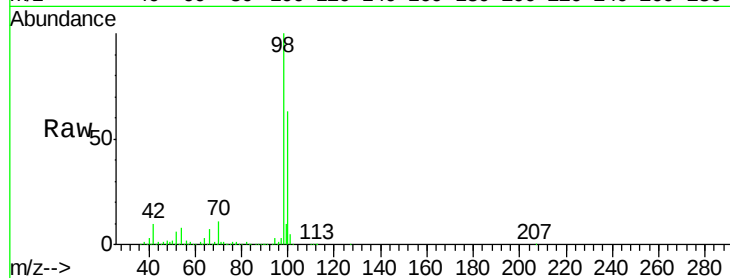
EPE-108-4(90-92)RE

Tot Ion: 98 Resp: 391628

Ion Ratio Lower Upper

98 100

100 63.0 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 36.16 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW001143.D

Acq: 30 Jan 2018 01:46

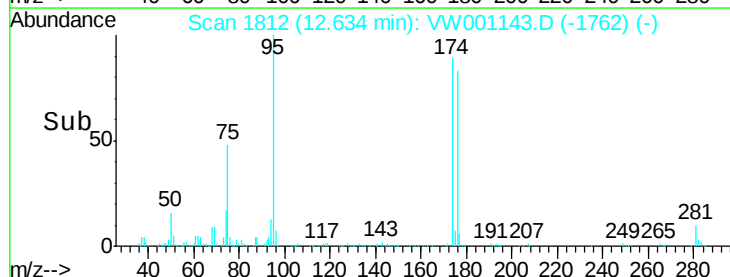
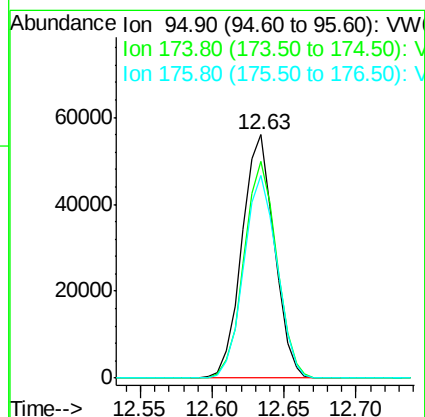
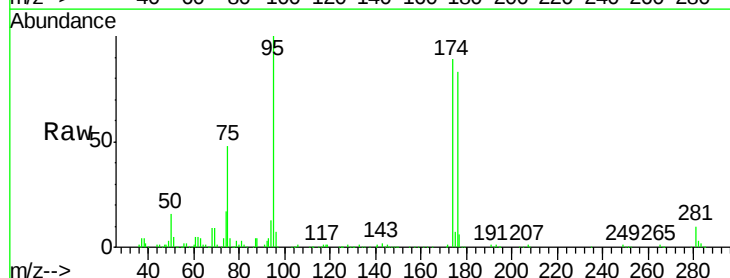
Tgt Ion: 95 Resp: 87424

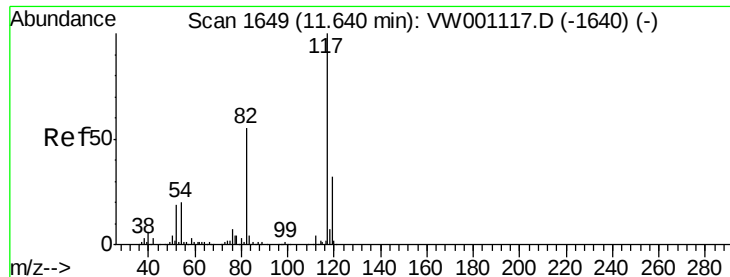
Ion Ratio Lower Upper

95 100

174 89.8 0.0 179.6

176 85.2 0.0 174.4

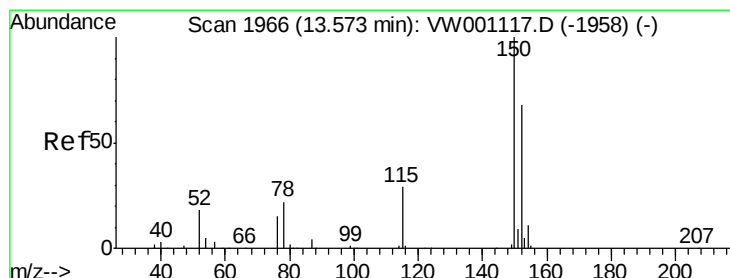
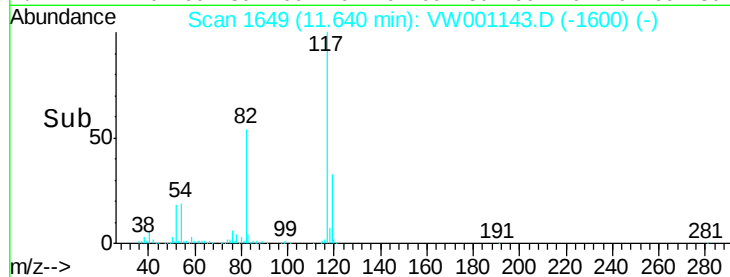
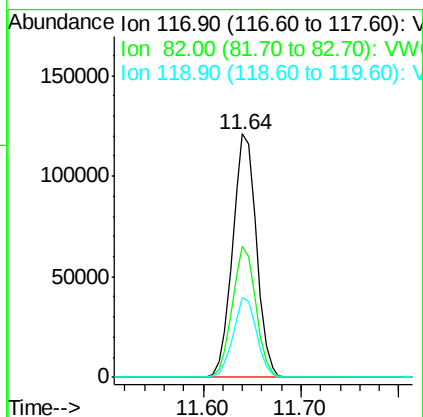
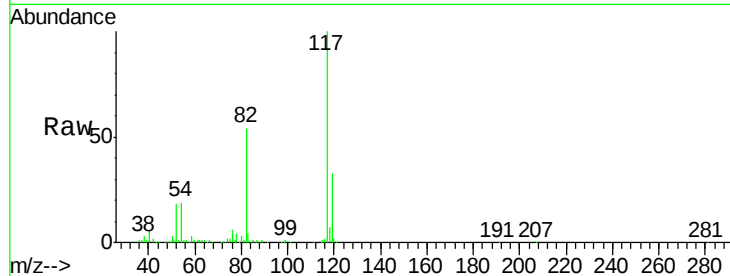




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001143.D
Acq: 30 Jan 2018 01:46

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(90-92)RE

Tot Ion:117 Resp: 204320
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 32.9 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: VW001143.D
Acq: 30 Jan 2018 01:46

Tgt Ion:152 Resp: 59698
Ion Ratio Lower Upper
152 100
115 57.2 28.4 85.3
150 154.2 0.0 342.4

