

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062718\
 Data File : VW003599.D
 Acq On : 27 Jun 2018 05:15
 Operator : SY/AP
 Sample : J3688-03
 Misc : 6.71G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EPE-109-6(70-72)

Quant Time: Jun 27 08:29:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	19014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	27989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	21117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4883	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	11438	55.54	ug/l	0.00
Spiked Amount			Recovery	=	111.08%	
35) Dibromofluoromethane	7.88	113	9525	54.77	ug/l	0.00
Spiked Amount			Recovery	=	109.54%	
50) Toluene-d8	10.33	98	20122	29.18	ug/l	0.00
Spiked Amount			Recovery	=	58.36%	
62) 4-Bromofluorobenzene	12.63	95	4320	17.70	ug/l	0.00
Spiked Amount			Recovery	=	35.40%	

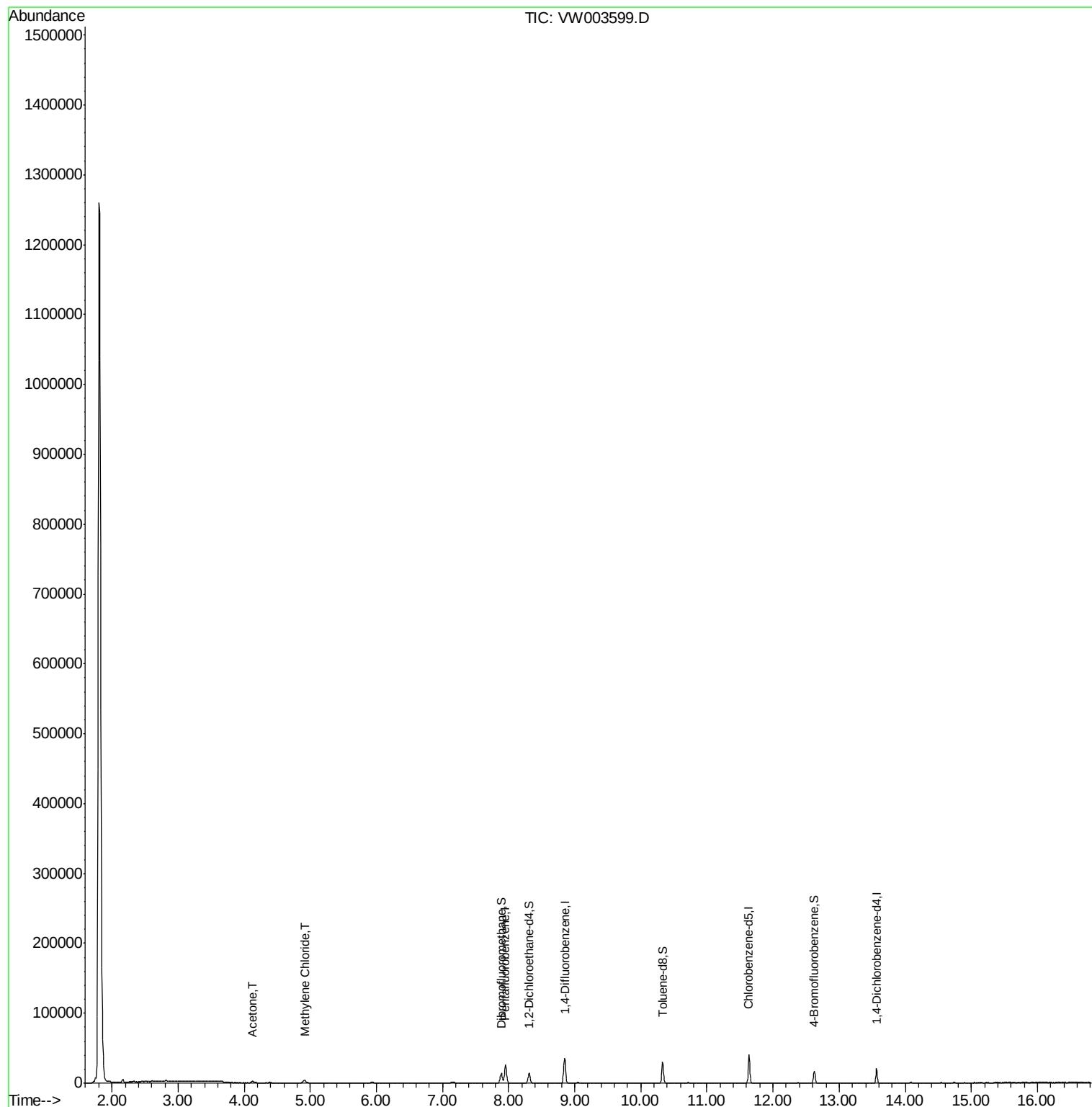
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	4156	96.22	ug/l	92
20) Methylene Chloride	4.92	84	2487	10.67	ug/l	84

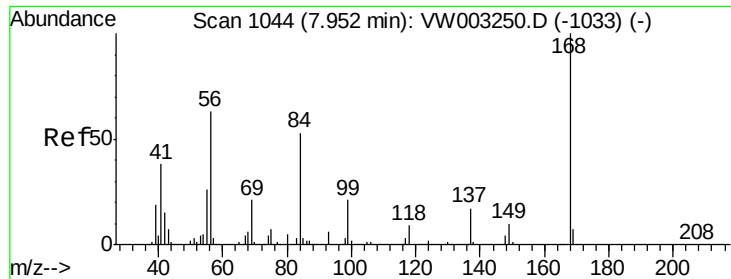
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VW003599.D

Acq: 27 Jun 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

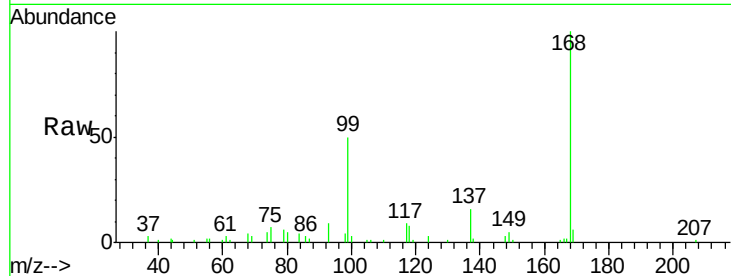
EPE-109-6(70-72)

Tot Ion:168 Resp: 19014

Ion Ratio Lower Upper

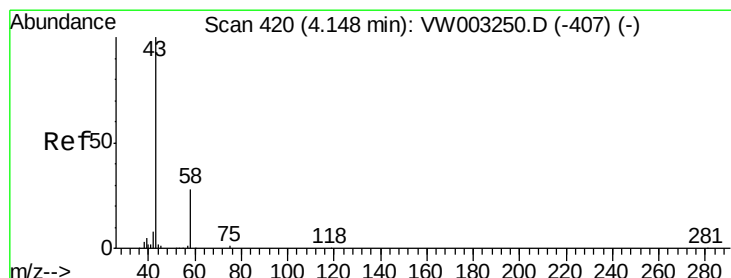
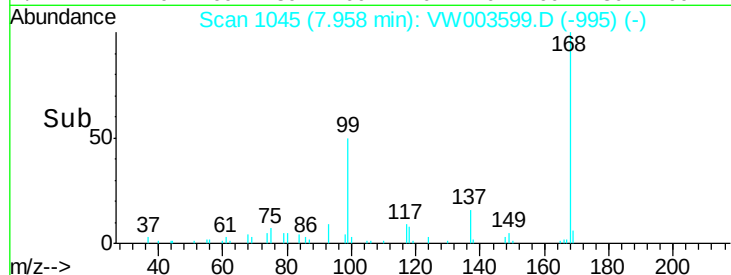
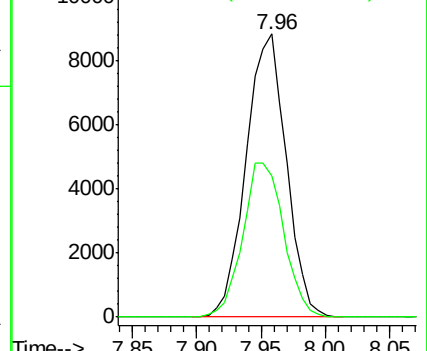
168 100

99 50.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 96.22 ug/l

RT: 4.12 min Scan# 416

Delta R.T. -0.02 min

Lab File: VW003599.D

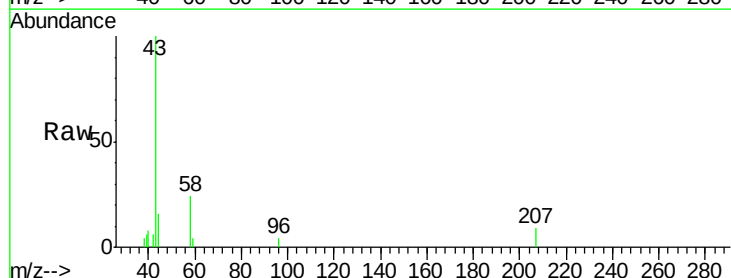
Acq: 27 Jun 2018 05:15

Tgt Ion: 43 Resp: 4156

Ion Ratio Lower Upper

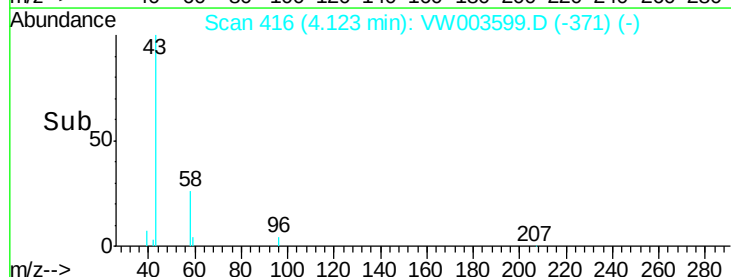
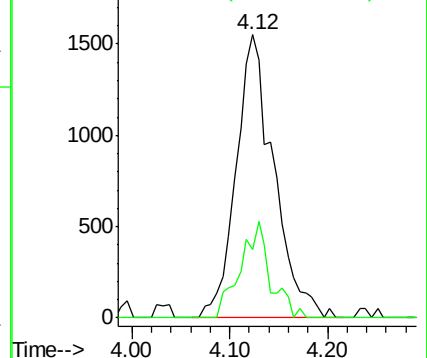
43 100

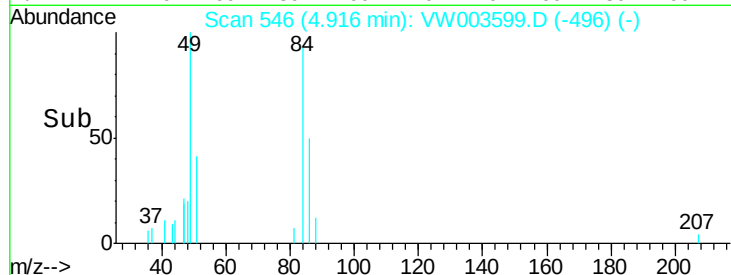
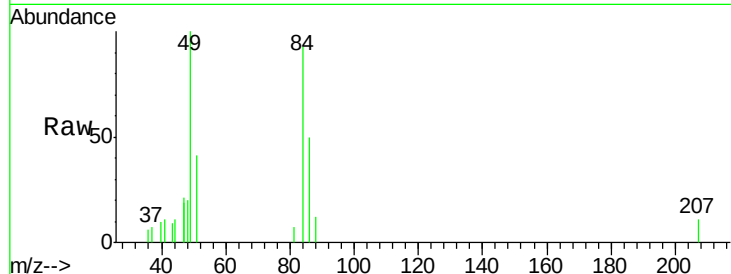
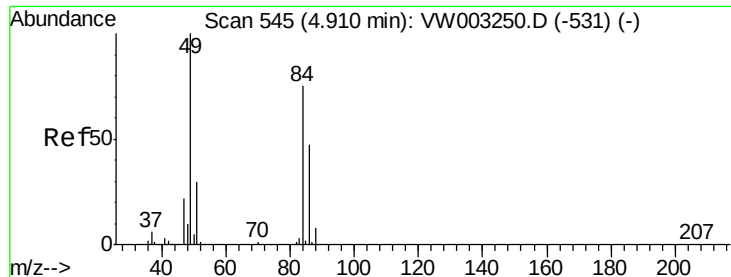
58 24.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

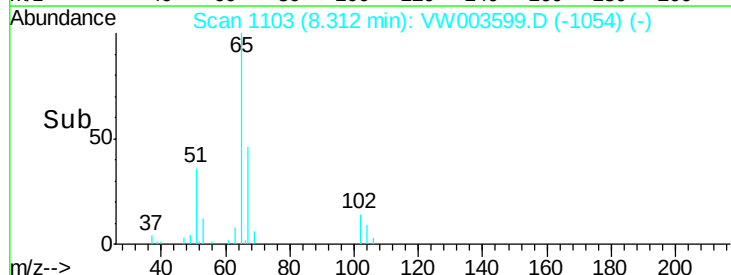
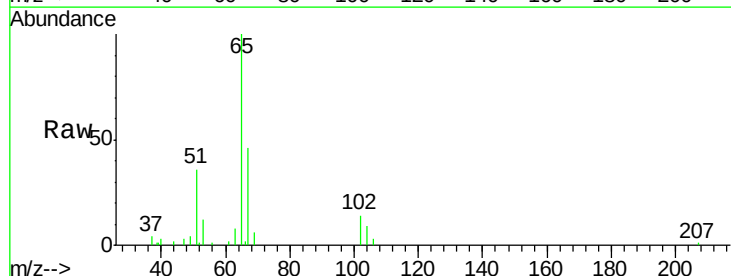
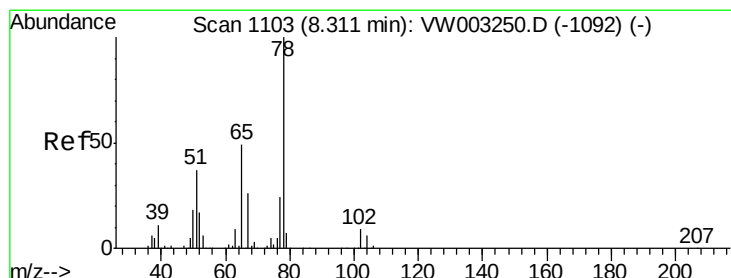
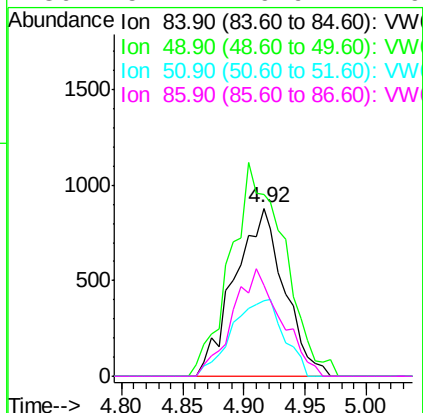




#20
Methylene Chloride
Concen: 10.67 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003599.D
Acq: 27 Jun 2018 05:15

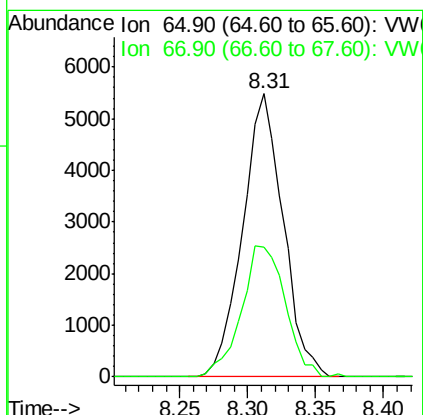
Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(70-72)

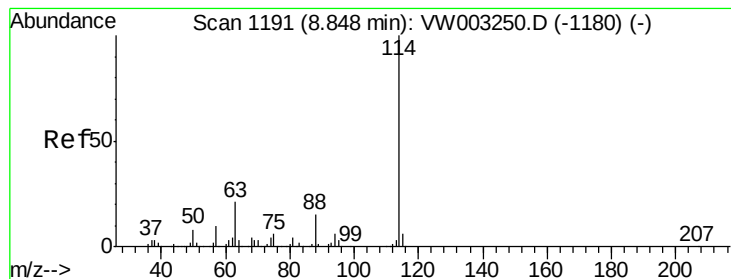
Tot Ion:	84	Resp:	2487
Ion	Ratio	Lower	Upper
84	100		
49	107.8	106.3	159.5
51	44.7	32.0	48.0
86	54.2	49.9	74.9



#33
1,2-Dichloroethane-d4
Concen: 55.54 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VW003599.D
Acq: 27 Jun 2018 05:15

Tgt Ion:	65	Resp:	11438
Ion	Ratio	Lower	Upper
65	100		
67	50.2	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: VW003599.D

Acq: 27 Jun 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

EPE-109-6(70-72)

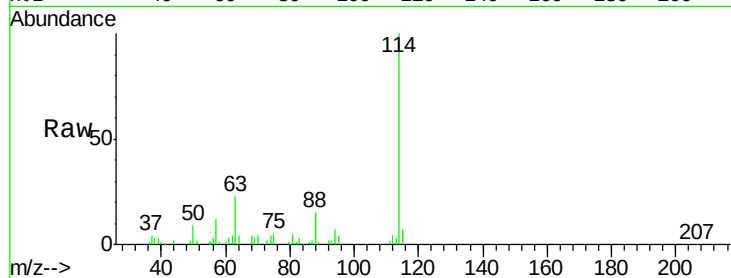
Tot Ion:114 Resp: 27989

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.0

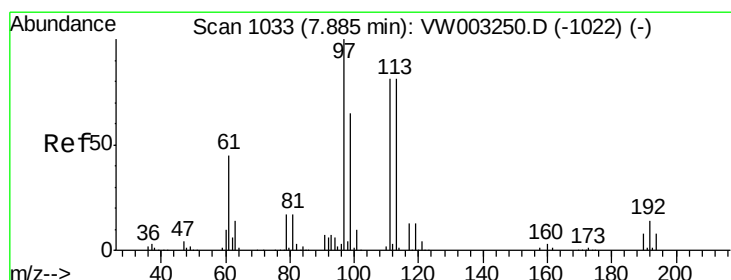
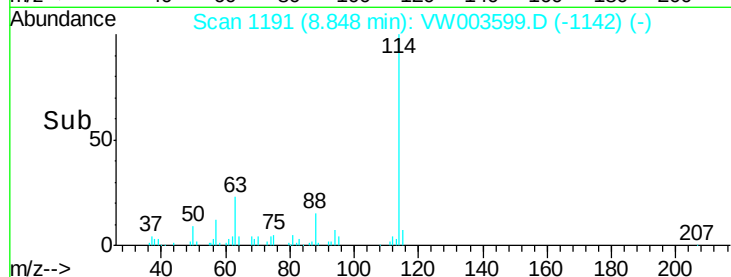
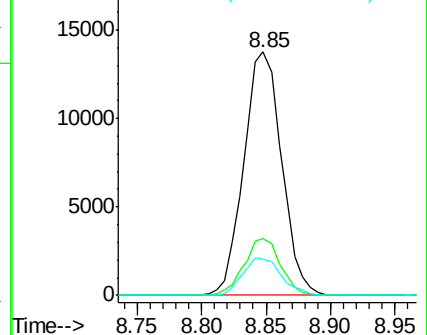
88 14.7 0.0 29.6



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: 54.77 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003599.D

Acq: 27 Jun 2018 05:15

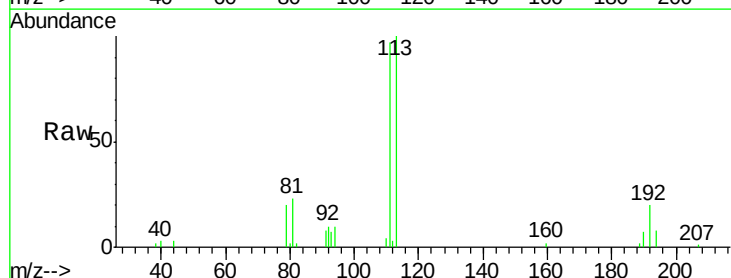
Tgt Ion:113 Resp: 9525

Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.2

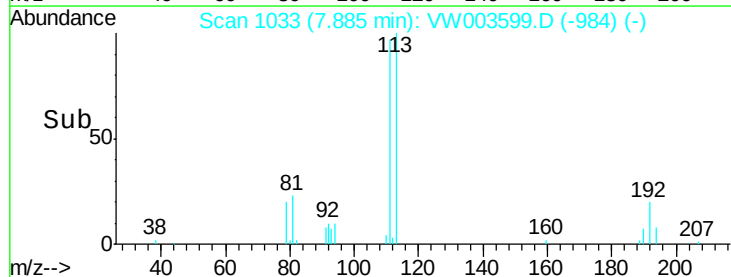
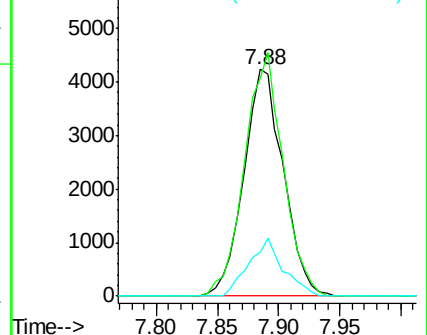
192 22.3 16.2 24.2

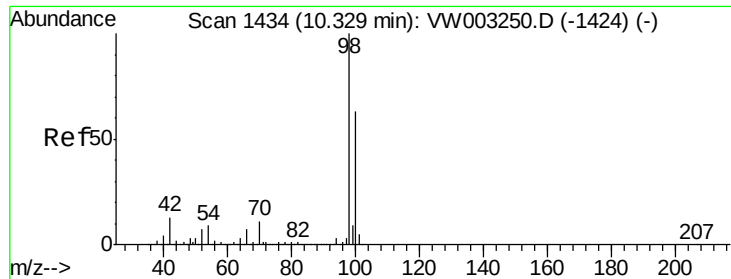


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 29.18 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003599.D

Acq: 27 Jun 2018 05:15

Instrument :

MSVOA_W

ClientSampleId :

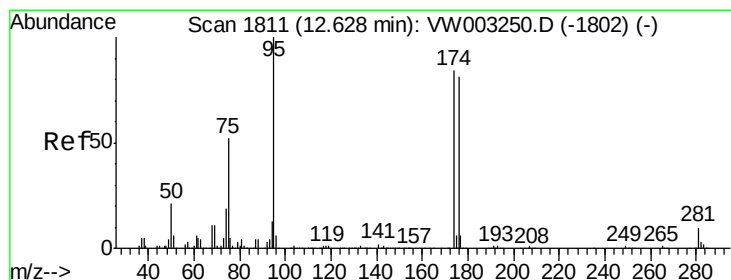
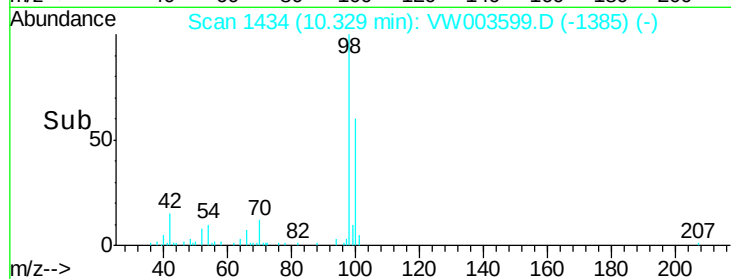
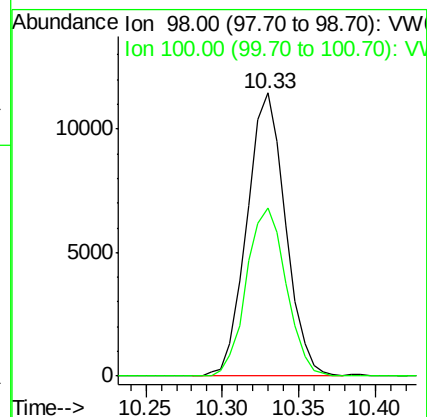
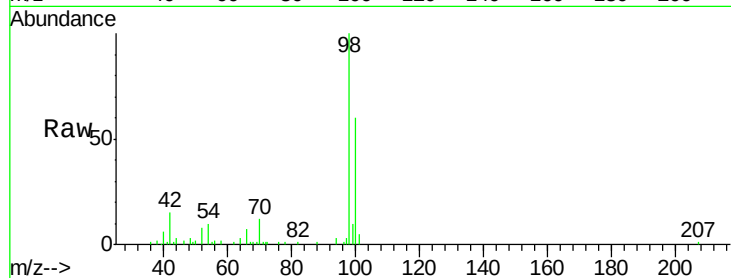
EPE-109-6(70-72)

Tot Ion: 98 Resp: 20122

Ion Ratio Lower Upper

98 100

100 60.9 50.8 76.2



#62

4-Bromofluorobenzene

Concen: 17.70 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW003599.D

Acq: 27 Jun 2018 05:15

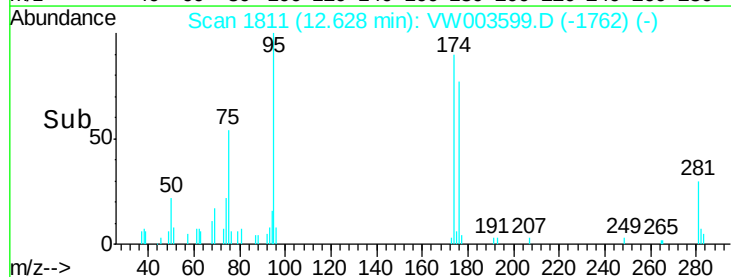
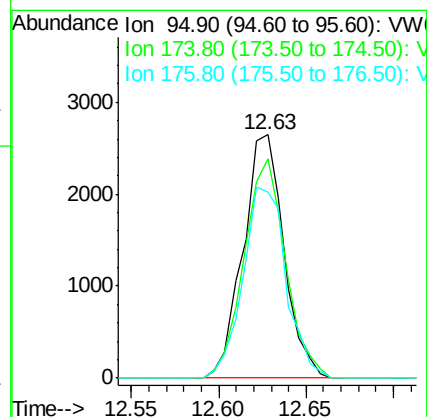
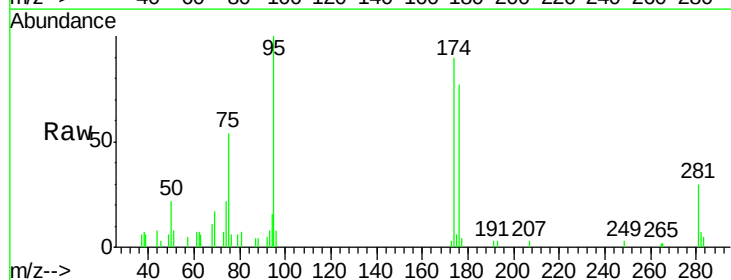
Tgt Ion: 95 Resp: 4320

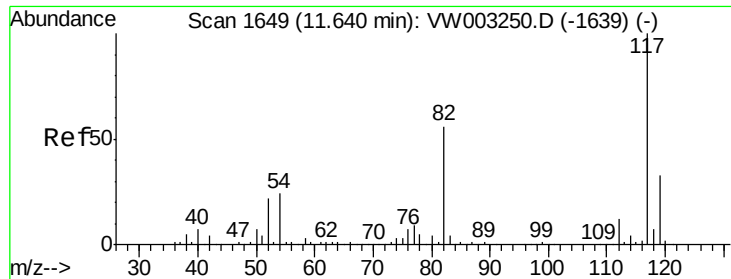
Ion Ratio Lower Upper

95 100

174 91.7 0.0 166.4

176 82.6 0.0 162.0

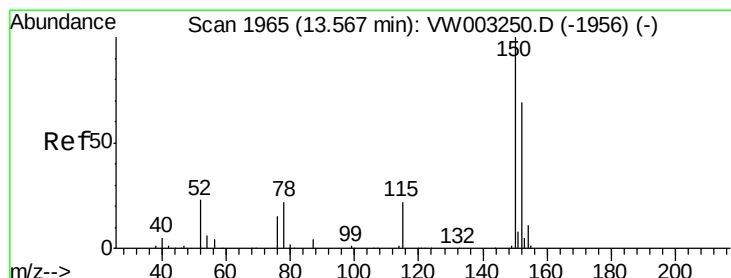
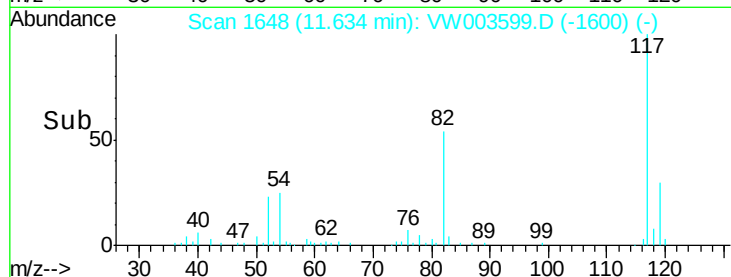
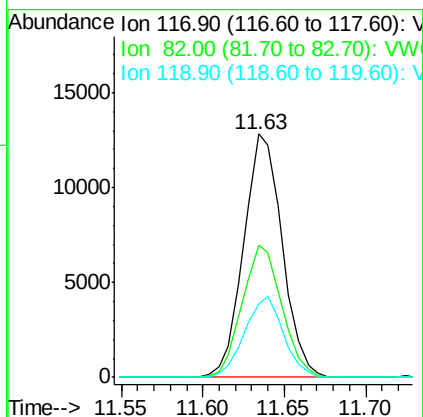
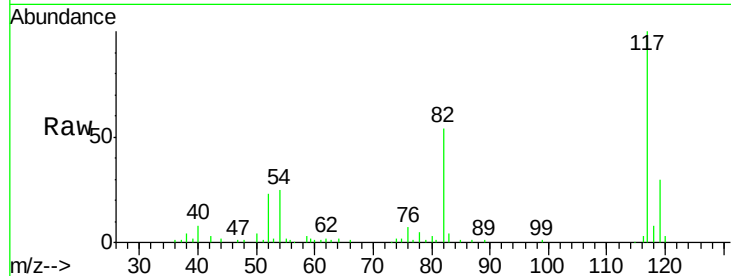




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003599.D
Acq: 27 Jun 2018 05:15

Instrument :
MSVOA_W
ClientSampleId :
EPE-109-6(70-72)

Tot Ion:117 Resp: 21117
Ion Ratio Lower Upper
117 100
82 54.2 44.6 67.0
119 29.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003599.D
Acq: 27 Jun 2018 05:15

Tgt Ion:152 Resp: 4883
Ion Ratio Lower Upper
152 100
115 64.5 29.3 88.0
150 157.4 0.0 349.6

