

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025748.D
 Acq On : 31 Jul 2018 18:54
 Operator : MD/SY
 Sample : J4140-11
 Misc : 5.61g/5.0mL/100uL/5.00mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EPE-F-8(145-147)

Quant Time: Aug 01 08:59:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	191011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304237	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	309678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	207828	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	146105	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	4.88	113	121846	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	7.57	98	442488	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	10.31	95	191623	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	

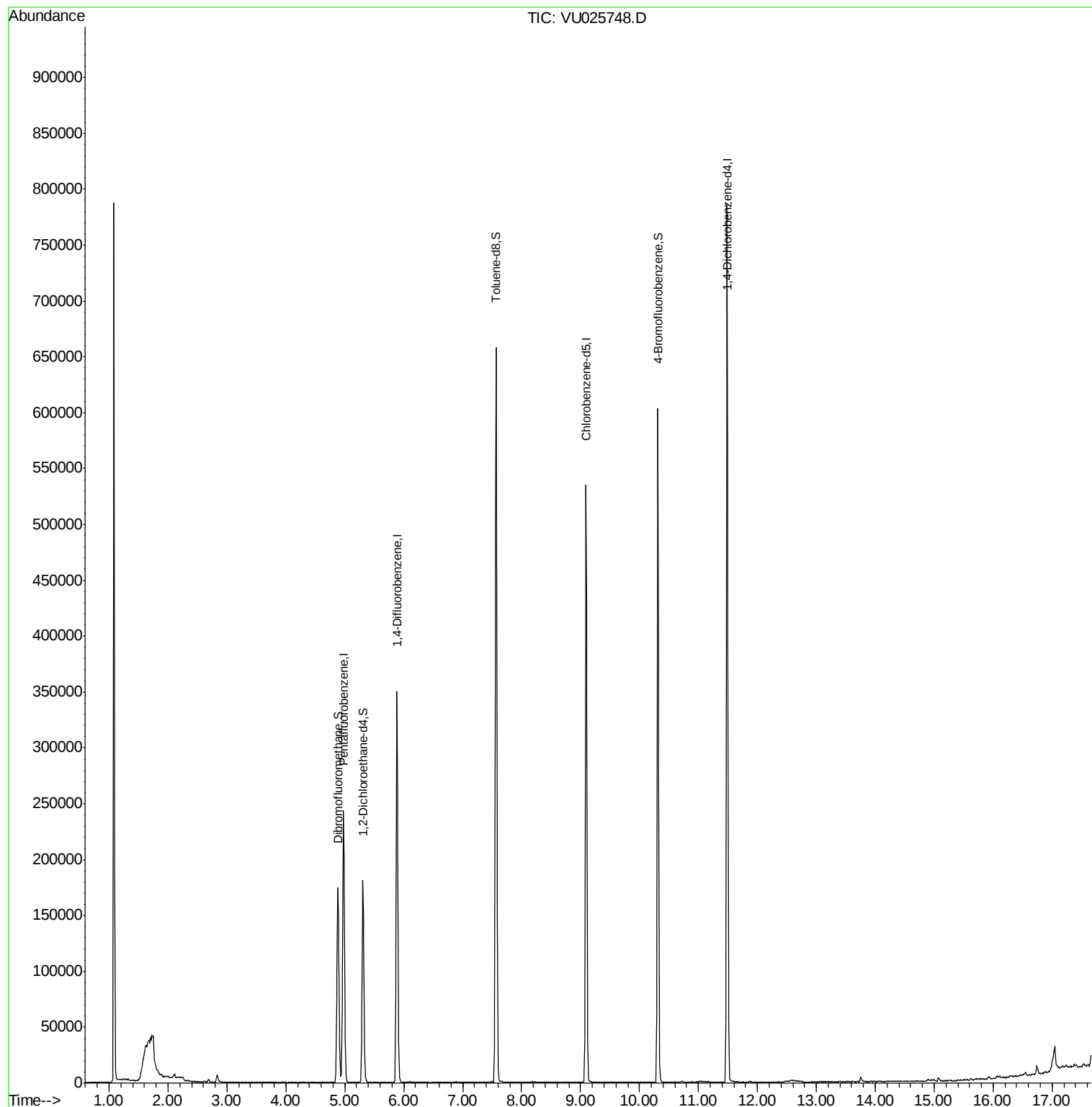
Target Compounds	Qvalue
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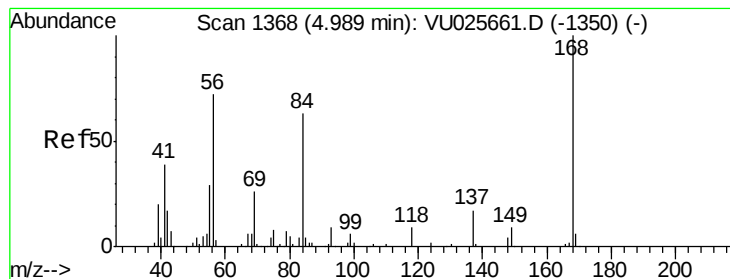
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025748.D

Acq: 31 Jul 2018 18:54

Instrument :

MSVOA_U

ClientSampleId :

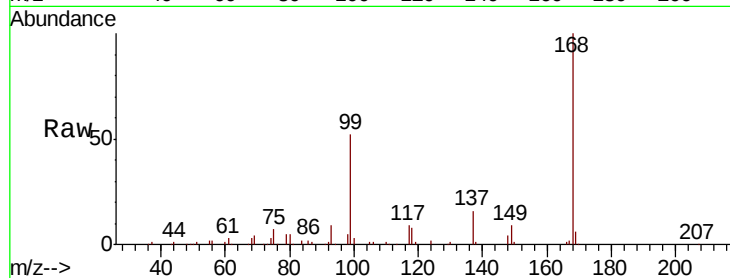
EPE-F-8(145-147)

Tot Ion:168 Resp: 191011

Ion Ratio Lower Upper

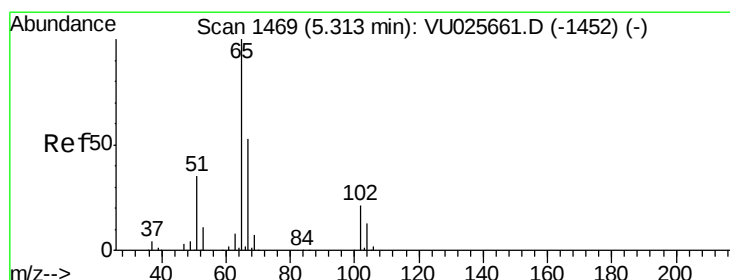
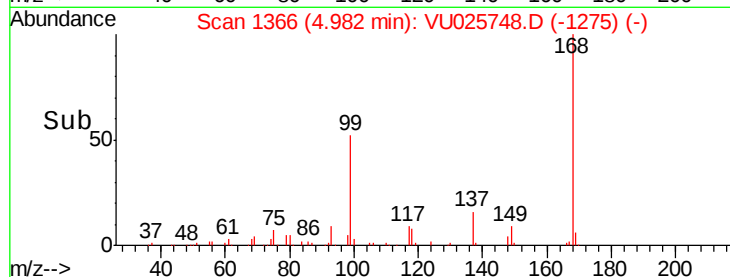
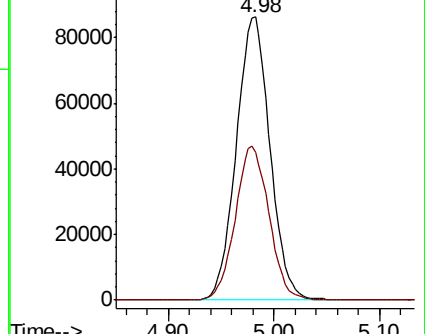
168 100

99 52.3 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.092 ug/l

RT: 5.31 min Scan# 1467

Delta R.T. -0.01 min

Lab File: VU025748.D

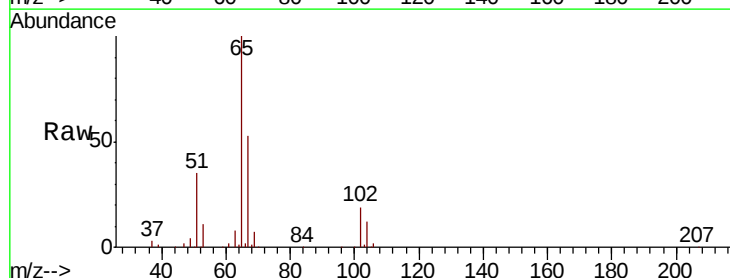
Acq: 31 Jul 2018 18:54

Tgt Ion: 65 Resp: 146105

Ion Ratio Lower Upper

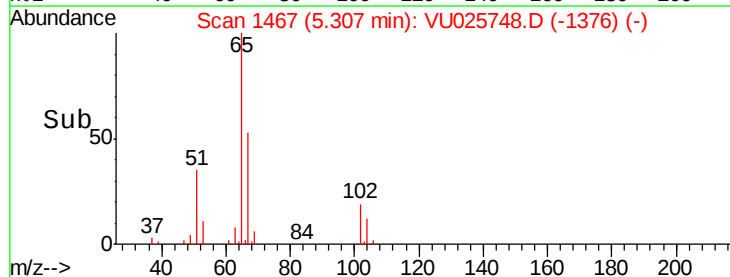
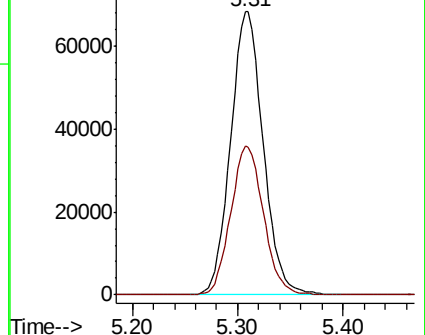
65 100

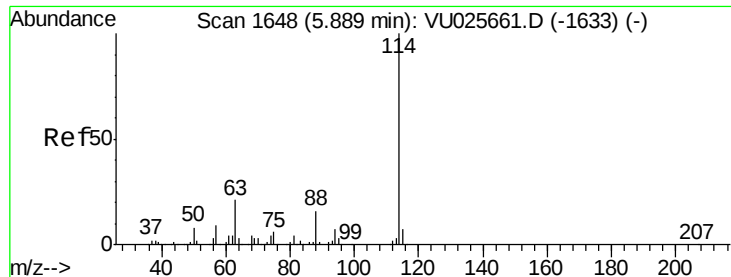
67 53.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)

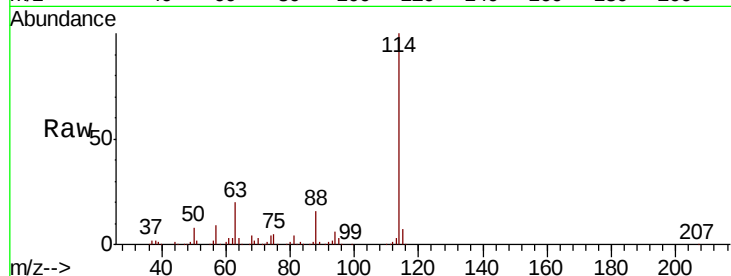




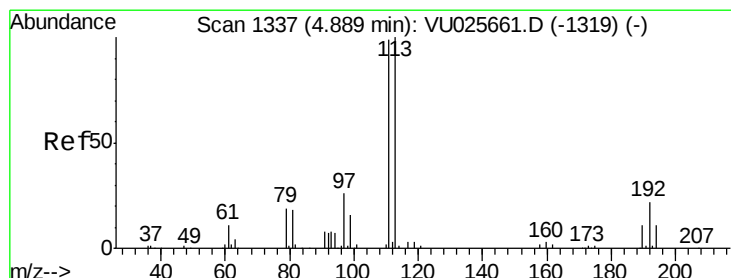
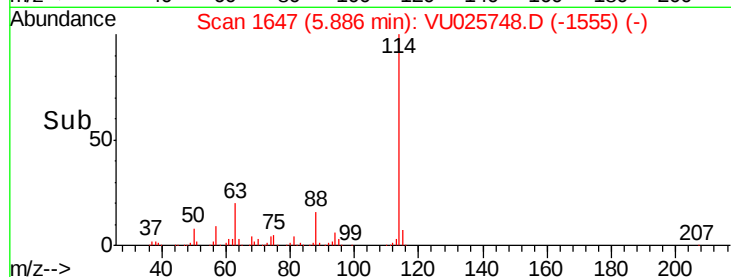
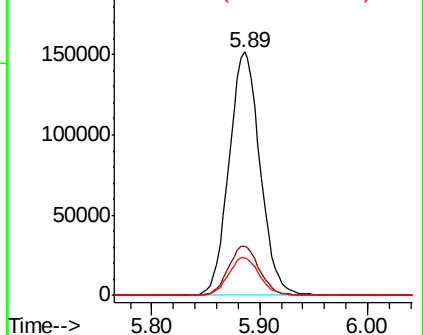
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: VU025748.D
 Acq: 31 Jul 2018 18:54

Instrument :
 MSVOA_U
 ClientSampleId :
 EPE-F-8(145-147)

Tot Ion:114	Resp:	304237
Ion Ratio	Lower	Upper
114 100		
63 20.4	0.0	41.6
88 15.6	0.0	32.4

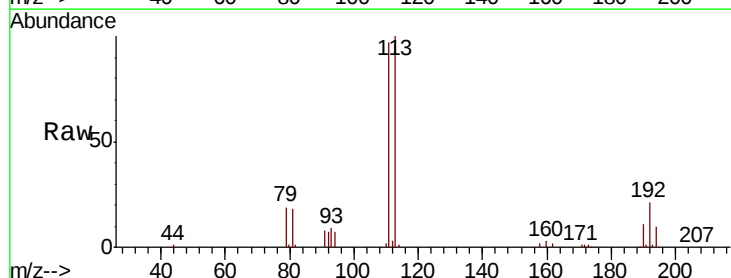


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

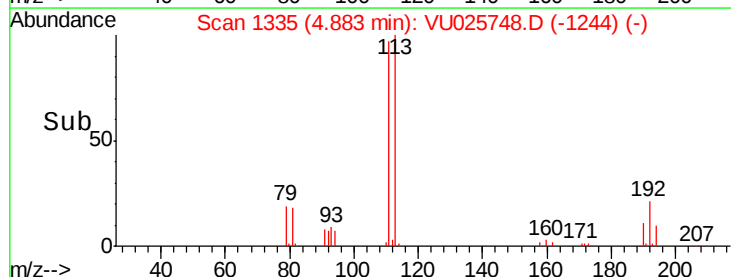
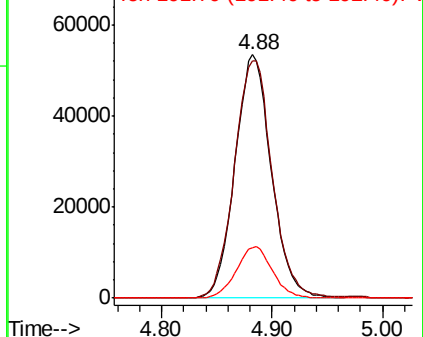


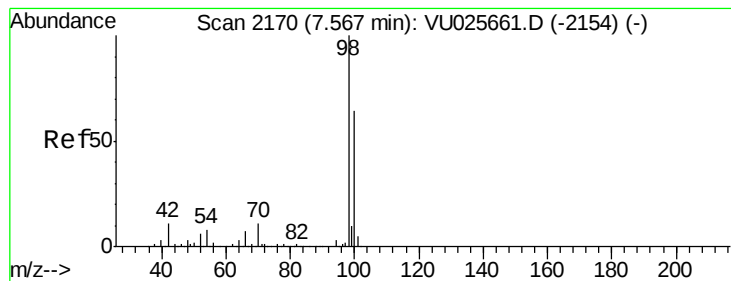
#35
 Dibromofluoromethane
 Concen: 46.047 ug/l
 RT: 4.88 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: VU025748.D
 Acq: 31 Jul 2018 18:54

Tgt Ion:113	Resp:	121846
Ion Ratio	Lower	Upper
113 100		
111 101.7	81.7	122.5
192 21.0	17.1	25.7



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: 47.787 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025748.D

Acq: 31 Jul 2018 18:54

Instrument :

MSVOA_U

ClientSampleId :

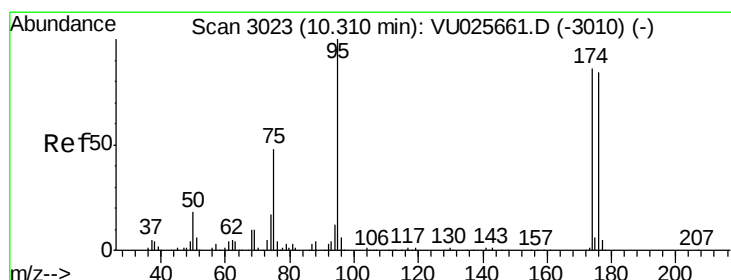
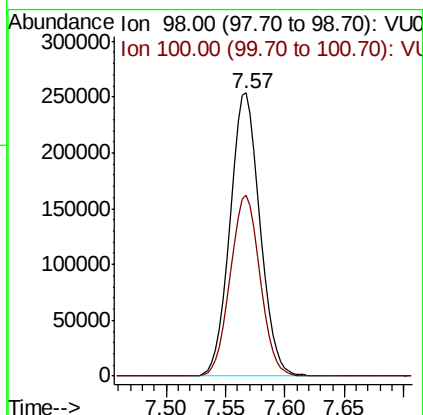
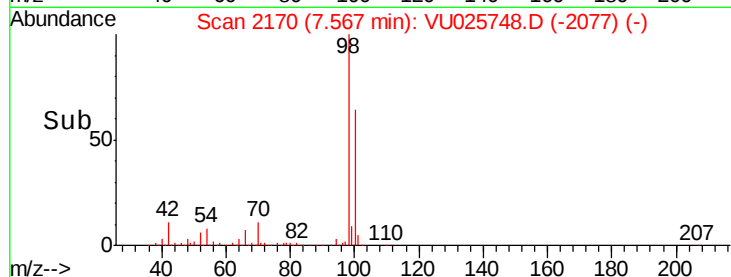
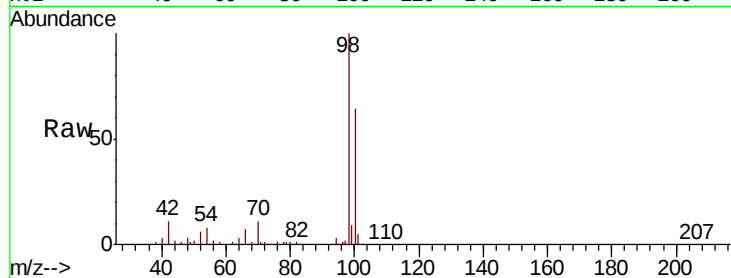
EPE-F-8(145-147)

Tot Ion: 98 Resp: 442488

Ion Ratio Lower Upper

98 100

100 63.8 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 53.317 ug/l

RT: 10.31 min Scan# 3024

Delta R.T. 0.00 min

Lab File: VU025748.D

Acq: 31 Jul 2018 18:54

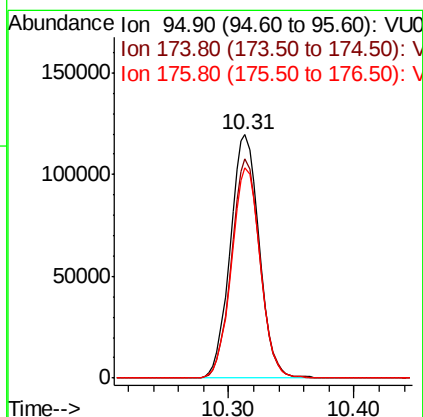
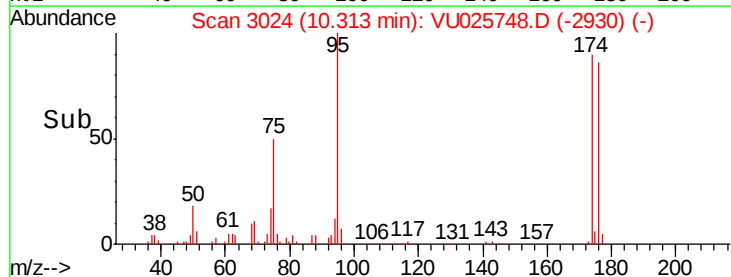
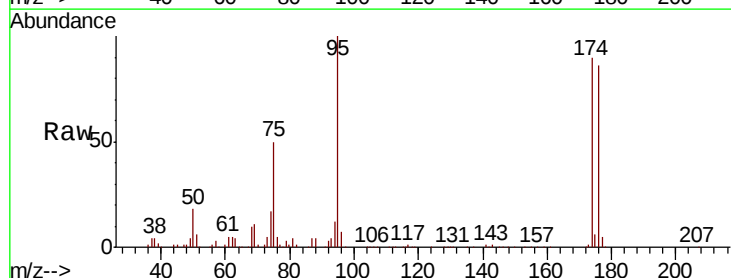
Tgt Ion: 95 Resp: 191623

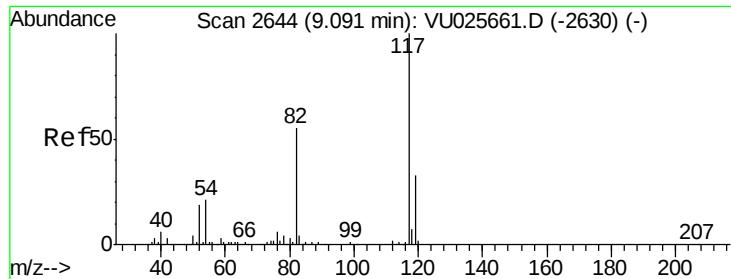
Ion Ratio Lower Upper

95 100

174 88.5 0.0 172.2

176 85.6 0.0 162.6

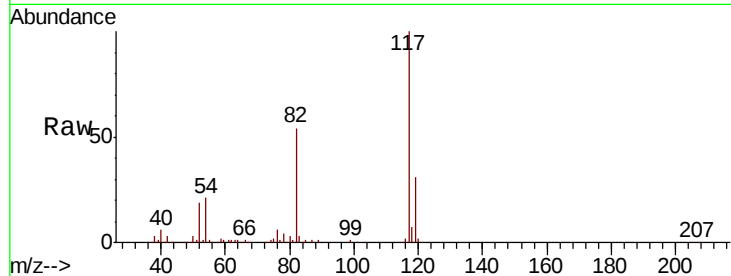




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025748.D
Acq: 31 Jul 2018 18:54

Instrument :
MSVOA_U
ClientSampleId :
EPE-F-8(145-147)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	46.0	69.0
119	31.5	26.0	39.0

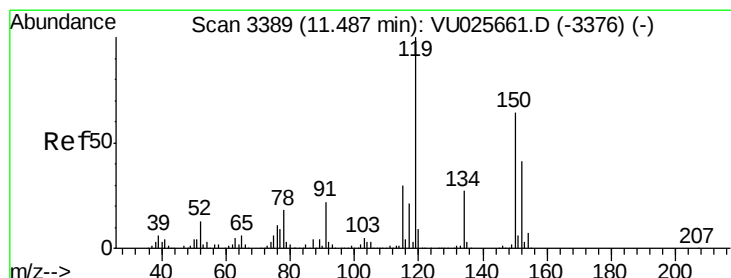
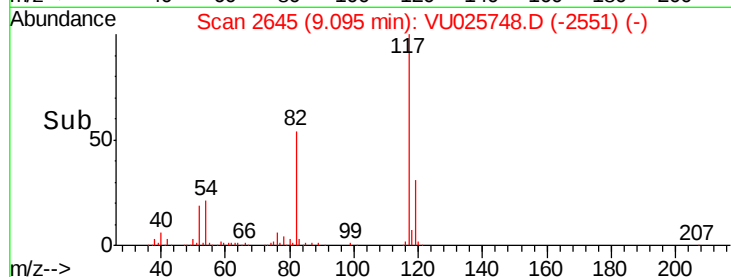
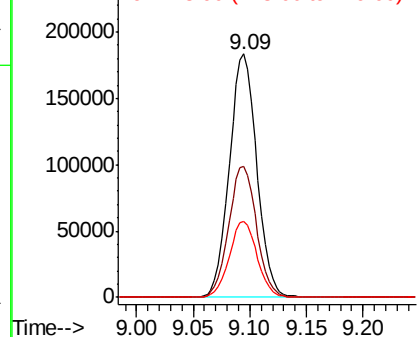


Abundance

Ion 116.90 (116.60 to 117.60): V

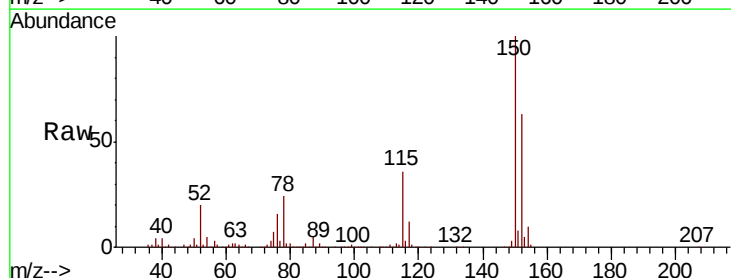
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025748.D
Acq: 31 Jul 2018 18:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	40.1	120.3
150	156.6	0.0	351.4



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

