

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025754.D
 Acq On : 31 Jul 2018 21:15
 Operator : MD/SY
 Sample : J4250-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 2576

Quant Time: Aug 01 09:01:47 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	4.99	168	186694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	293865	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	177069	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	145907	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	4.89	113	121645	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	7.57	98	432821	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	10.31	95	169741	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

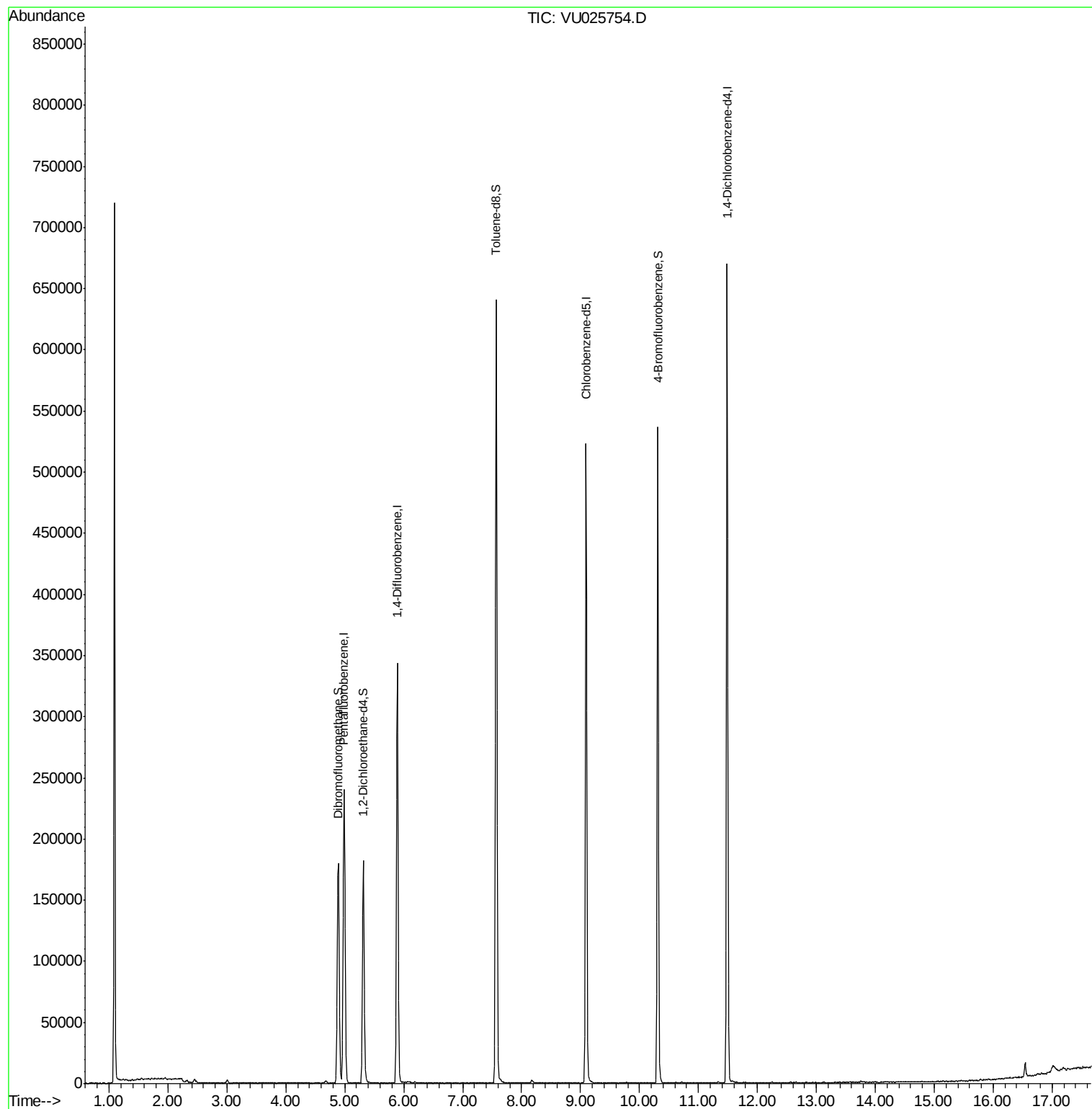
Target Compounds	Qvalue

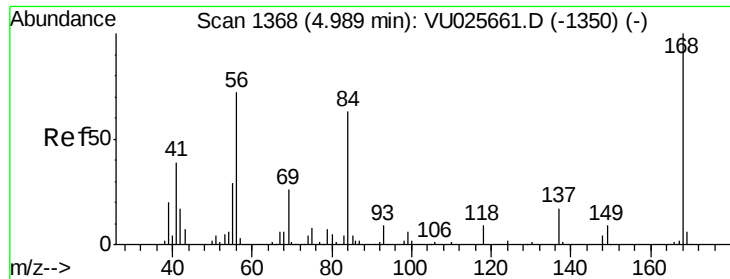
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025754.D

Acq: 31 Jul 2018 21:15

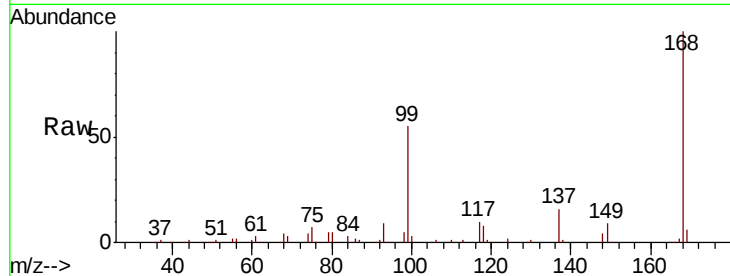
Instrument :
MSVOA_U
ClientSampleId :
2576

Tot Ion:168 Resp: 186694

Ion Ratio Lower Upper

168 100

99 54.5 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) (-)

4.99

80000

60000

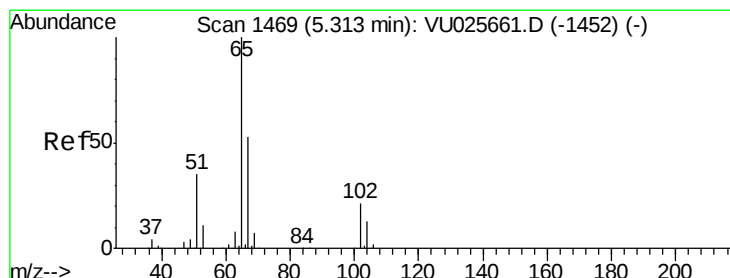
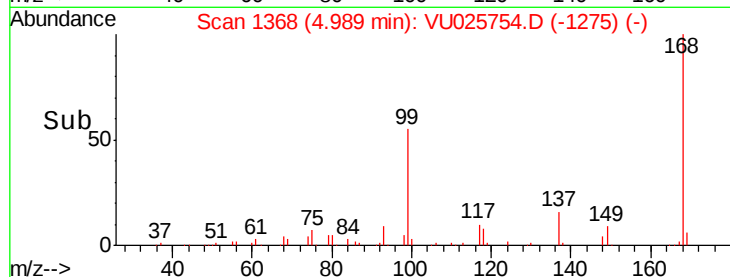
40000

20000

0

Time-->

4.90 4.95 5.00 5.05 5.10



#33

1,2-Dichloroethane-d4

Concen: 50.159 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025754.D

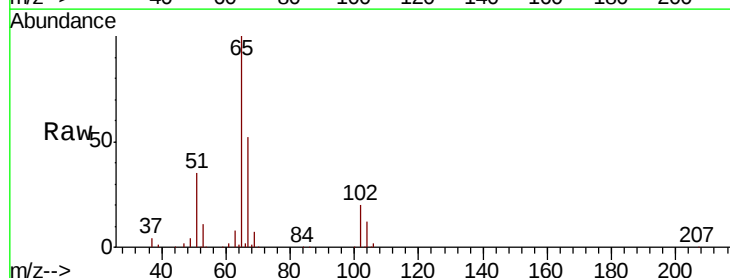
Acq: 31 Jul 2018 21:15

Tgt Ion: 65 Resp: 145907

Ion Ratio Lower Upper

65 100

67 51.8 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) (-)

5.31

80000

60000

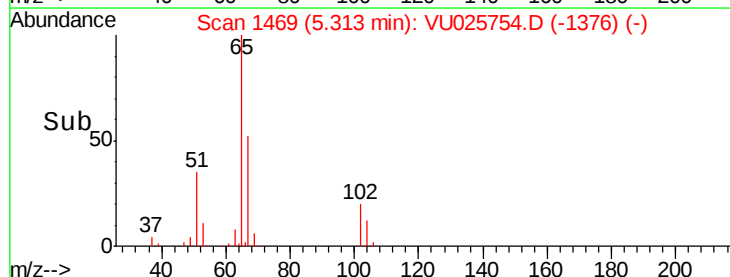
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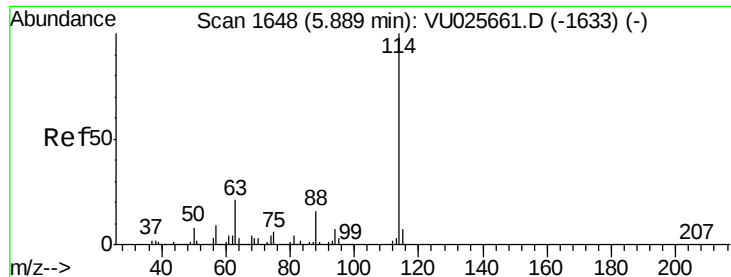
20000

0

Time-->

5.20 5.30 5.40

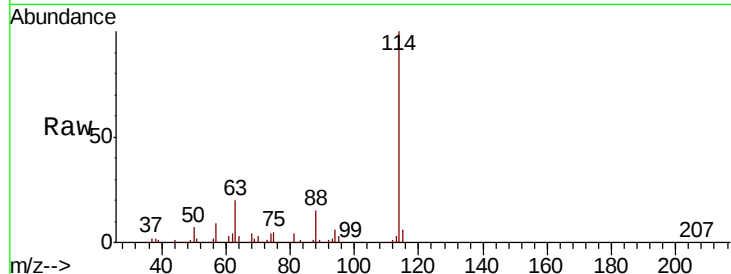




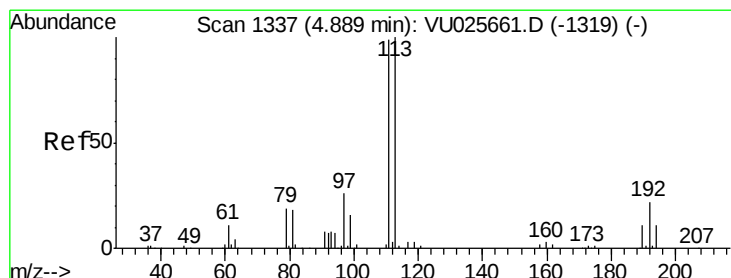
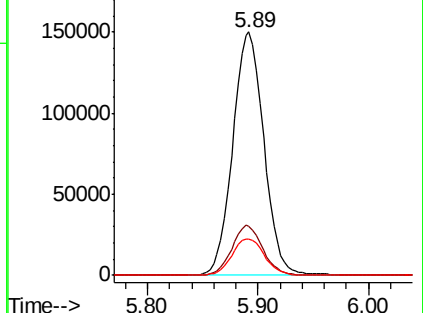
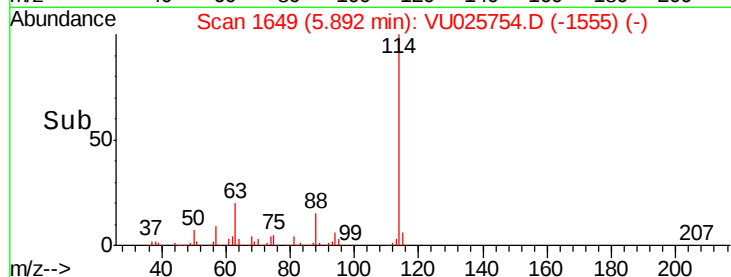
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025754.D
 Acq: 31 Jul 2018 21:15

Instrument :
 MSVOA_U
 ClientSampleId :
 2576

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.6
88	15.1	0.0	32.4

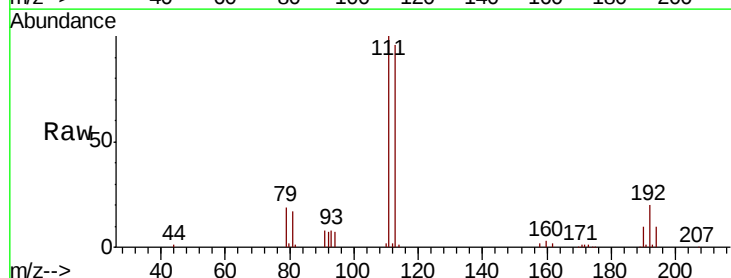


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

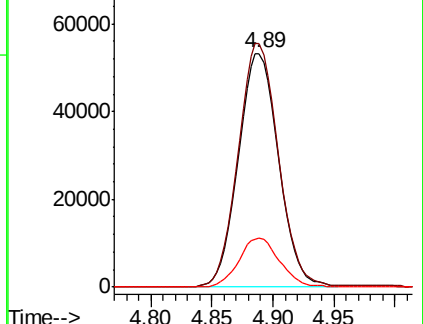
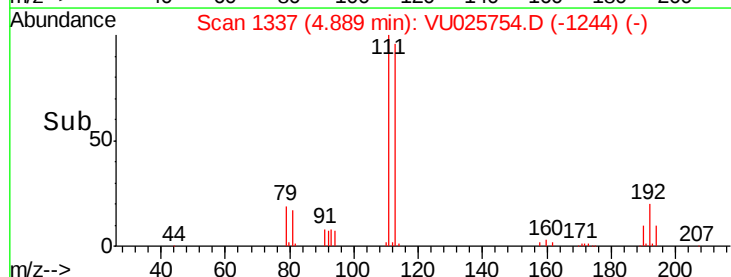


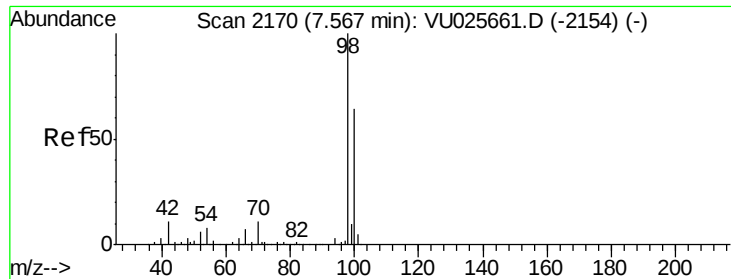
#35
 Dibromofluoromethane
 Concen: 47.594 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025754.D
 Acq: 31 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.7	122.5
192	21.2	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

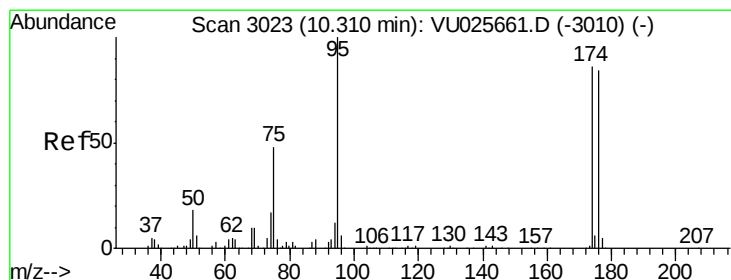
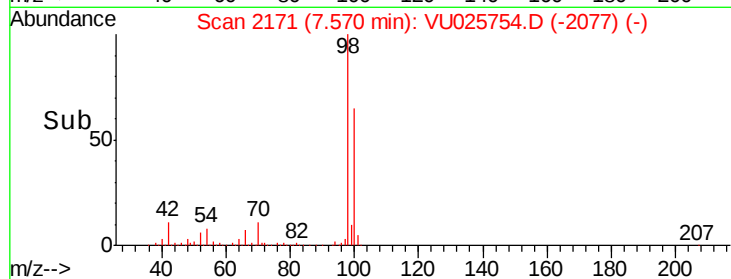
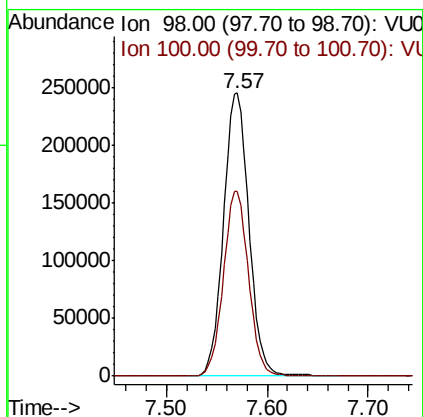
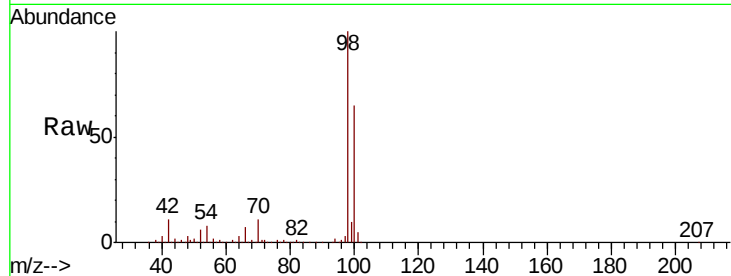




#50
Toluene-d8
Concen: 48.393 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025754.D
Acq: 31 Jul 2018 21:15

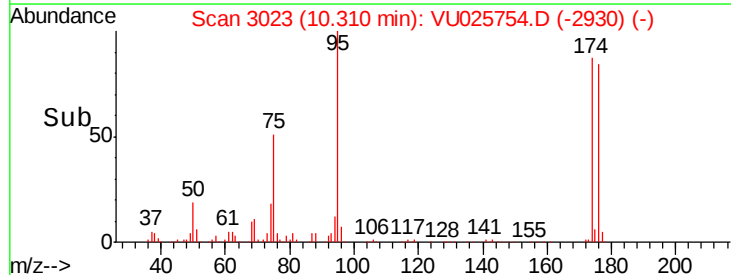
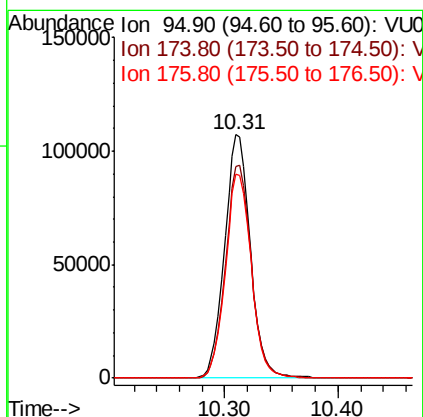
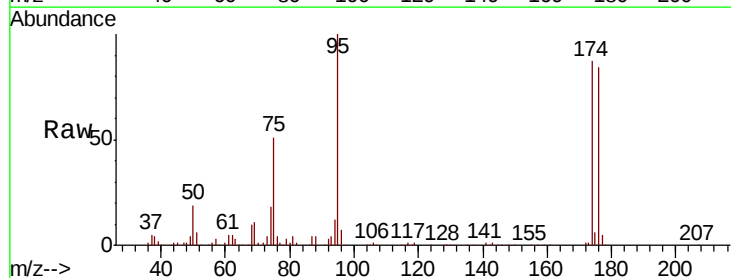
Instrument :
MSVOA_U
ClientSampled :
2576

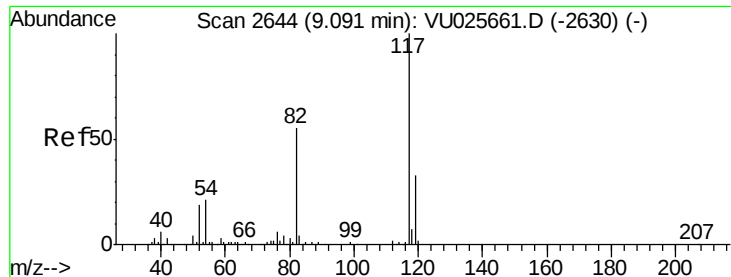
Tot Ion: 98 Resp: 432821
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 48.895 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025754.D
Acq: 31 Jul 2018 21:15

Tgt Ion: 95 Resp: 169741
Ion Ratio Lower Upper
95 100
174 88.0 0.0 172.2
176 84.5 0.0 162.6

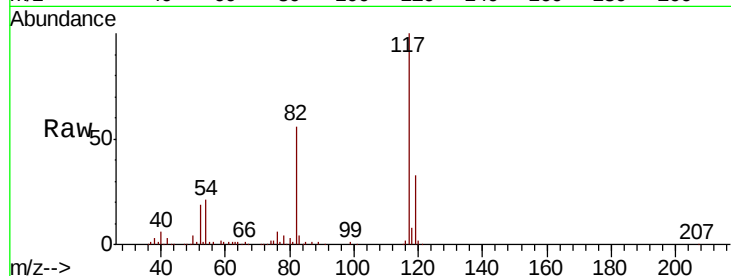




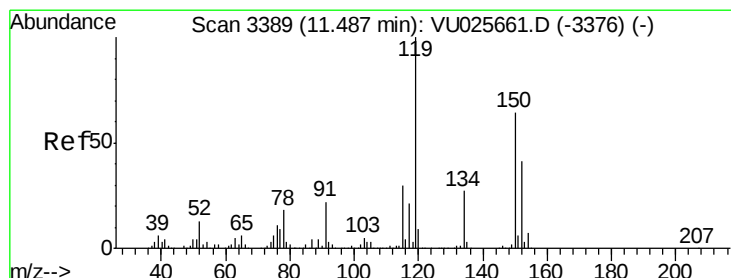
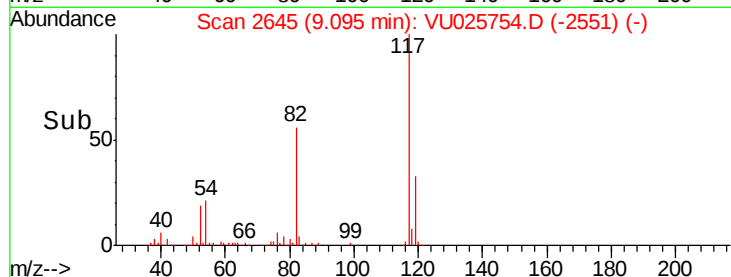
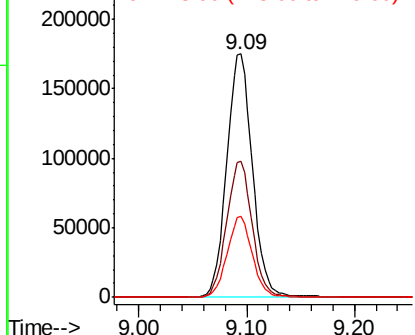
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025754.D
Acq: 31 Jul 2018 21:15

Instrument :
MSVOA_U
ClientSampleId :
2576

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.0	69.0
119	33.0	26.0	39.0

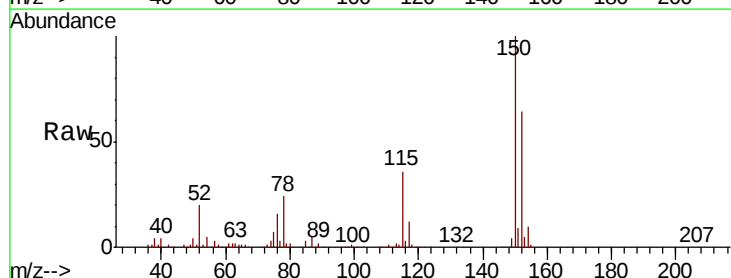


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025754.D
Acq: 31 Jul 2018 21:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	40.1	120.3
150	156.8	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

