

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025257.D
 Acq On : 06 Jul 2018 22:07
 Operator : MD/SY
 Sample : J3842-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0151

Quant Time: Jul 07 00:42:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

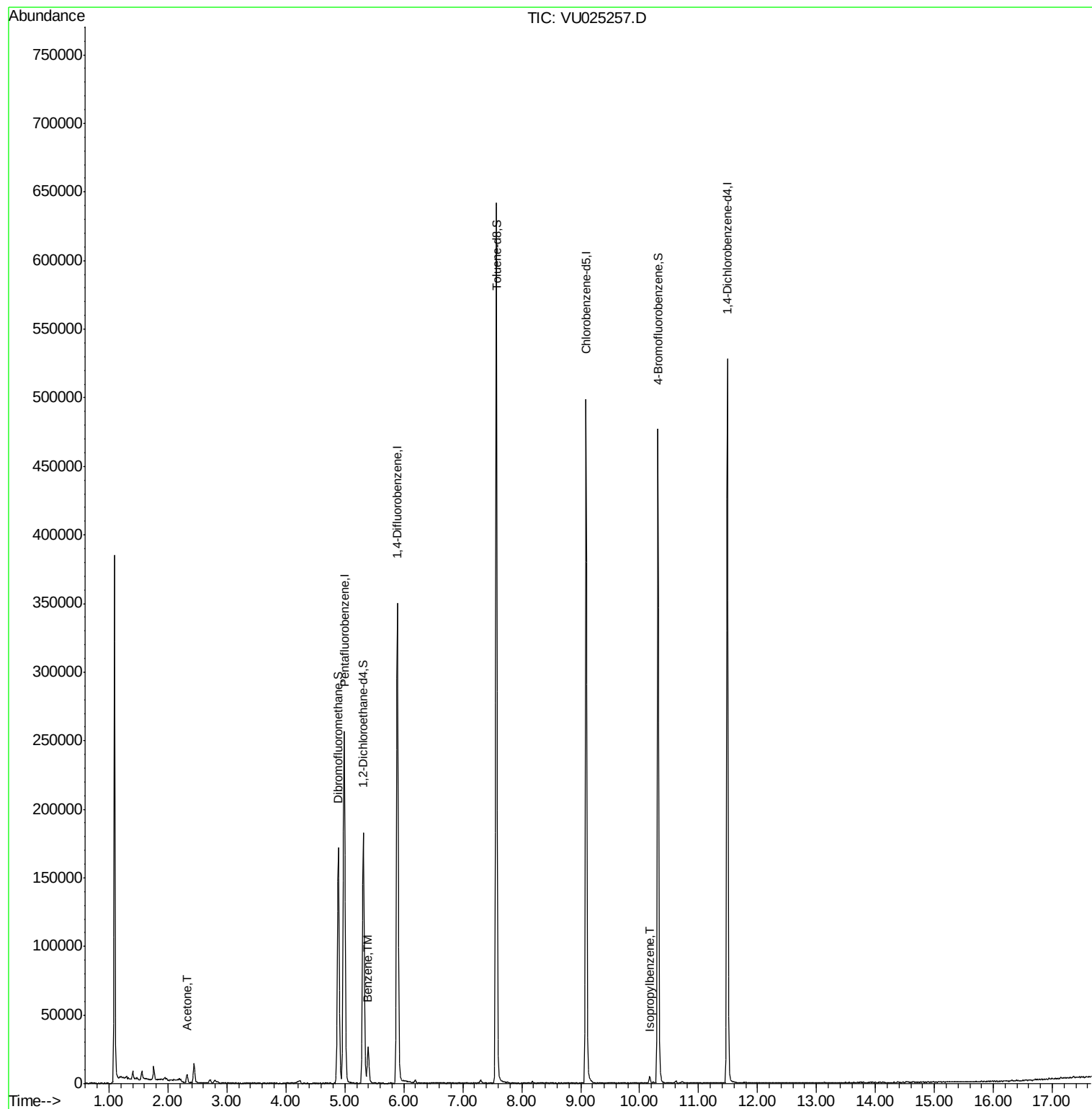
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	197734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	297173	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	274185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	149166	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
35) Dibromofluoromethane	4.89	113	115976	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	7.57	98	425546	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	10.31	95	154248	43.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.36%	
Target Compounds						
16) Acetone	2.32	43	7118	4.104	ug/l	92
40) Benzene	5.40	78	24727	2.485	ug/l	99
73) Isopropylbenzene	10.17	105	3506	0.321	ug/l	98

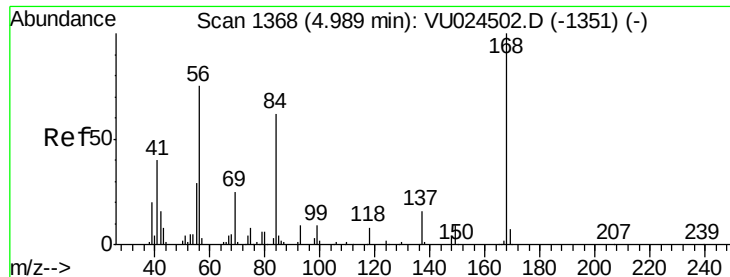
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025257.D

Acq: 06 Jul 2018 22:07

Instrument :

MSVOA_U

ClientSampleId :

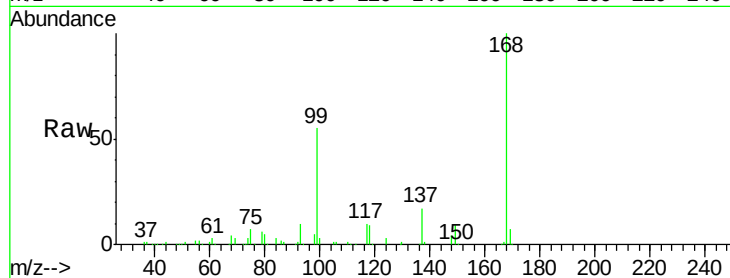
S10-0151

Tot Ion:168 Resp: 197734

Ion Ratio Lower Upper

168 100

99 55.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

80000

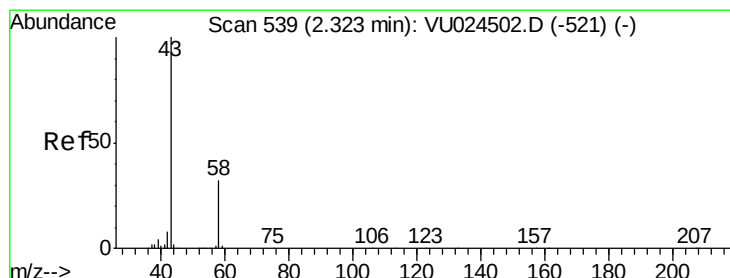
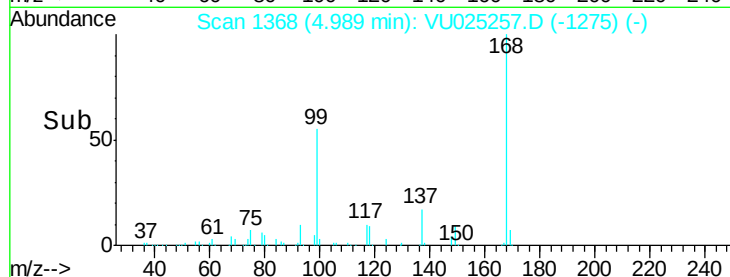
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 4.104 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025257.D

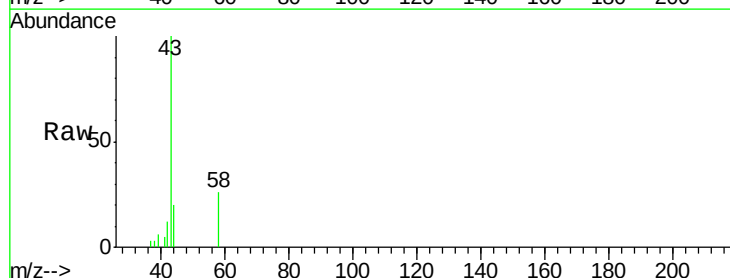
Acq: 06 Jul 2018 22:07

Tgt Ion: 43 Resp: 7118

Ion Ratio Lower Upper

43 100

58 26.0 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

4000

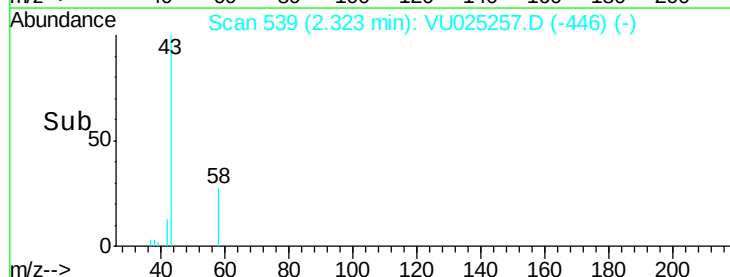
3000

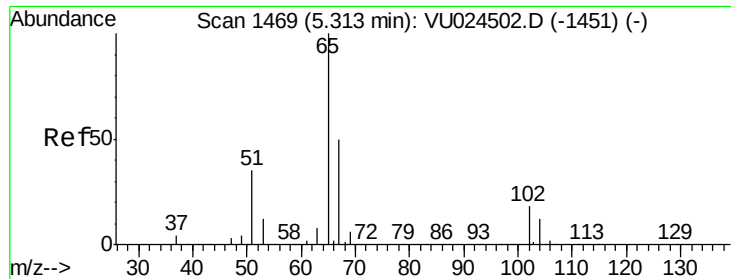
2000

1000

0

Time-->

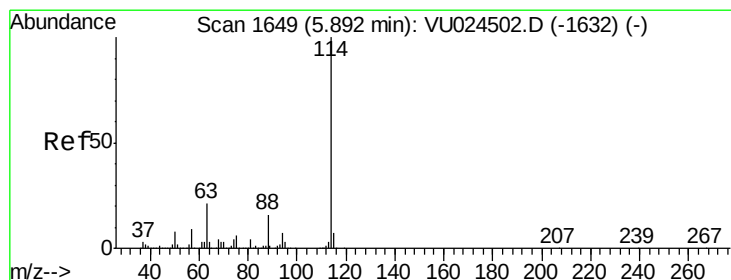
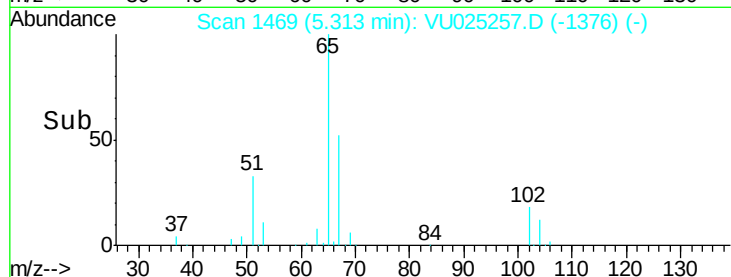
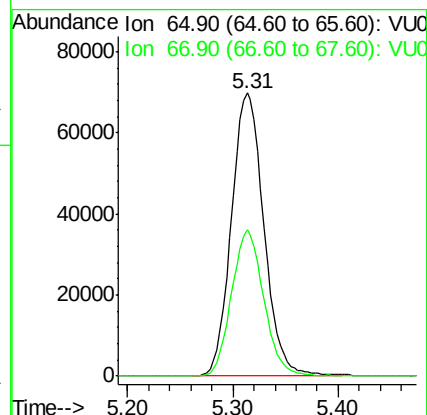
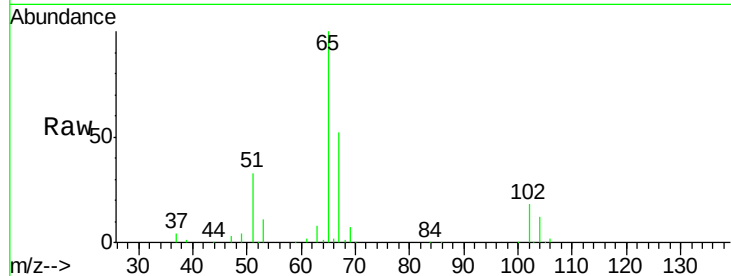




#33
 1,2-Dichloroethane-d4
 Concen: 46.209 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025257.D
 Acq: 06 Jul 2018 22:07

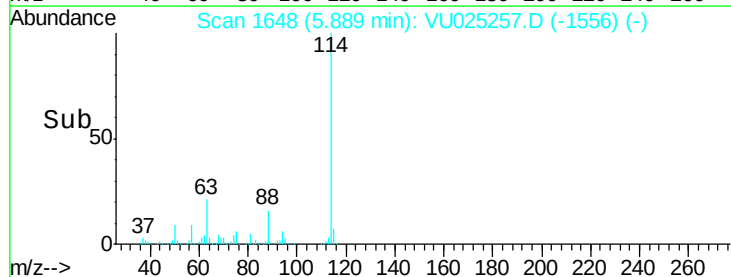
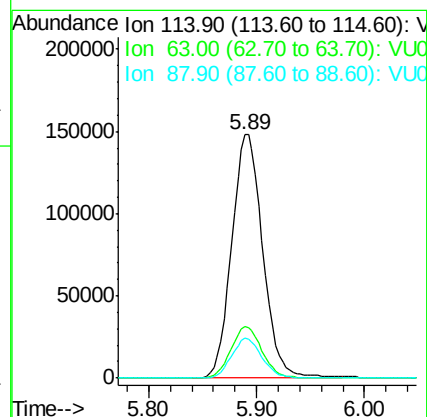
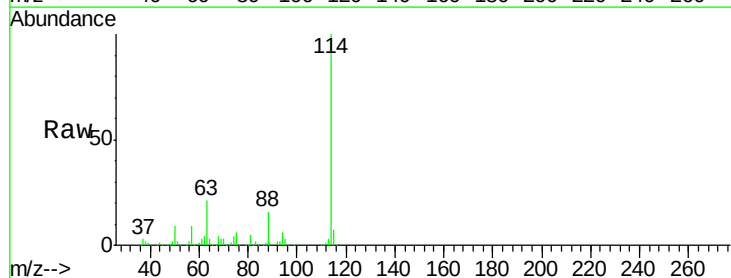
Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0151

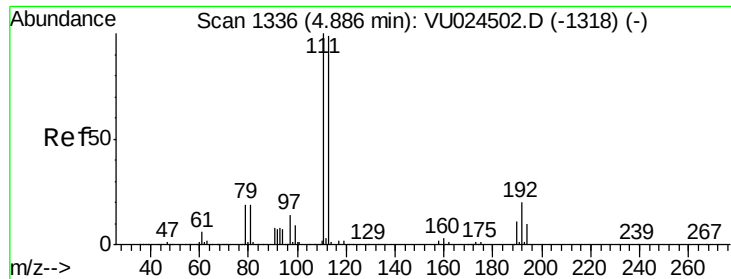
Tot Ion: 65 Resp: 149166
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025257.D
 Acq: 06 Jul 2018 22:07

Tgt Ion: 114 Resp: 297173
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 45.4
 88 16.2 0.0 31.0

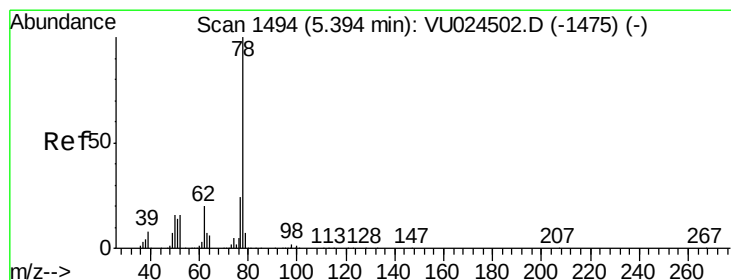
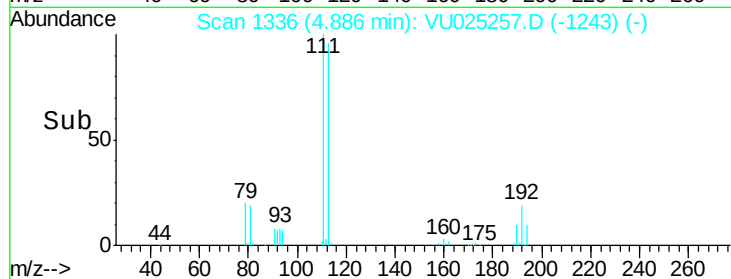
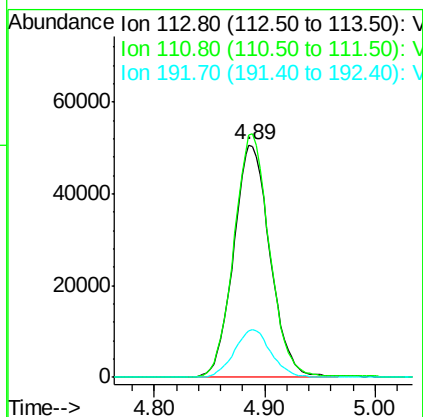
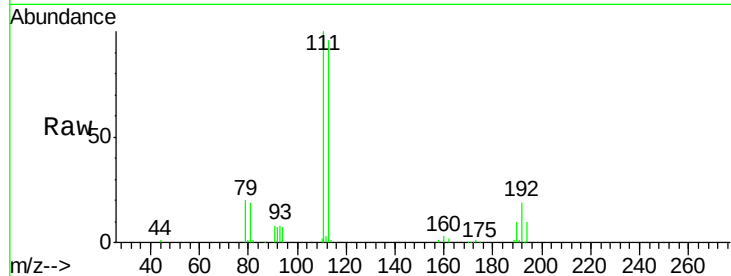




#35
 Dibromofluoromethane
 Concen: 47.024 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. 0.00 min
 Lab File: VU025257.D
 Acq: 06 Jul 2018 22:07

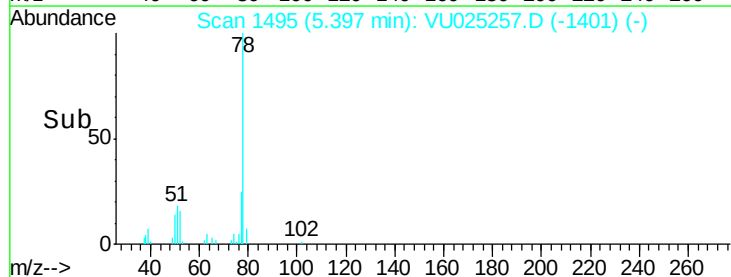
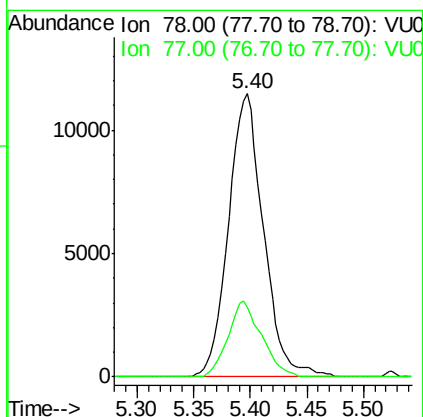
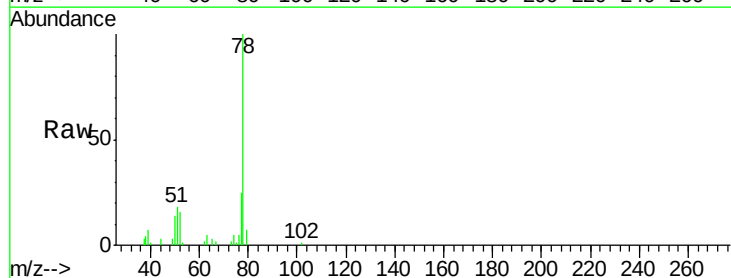
Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0151

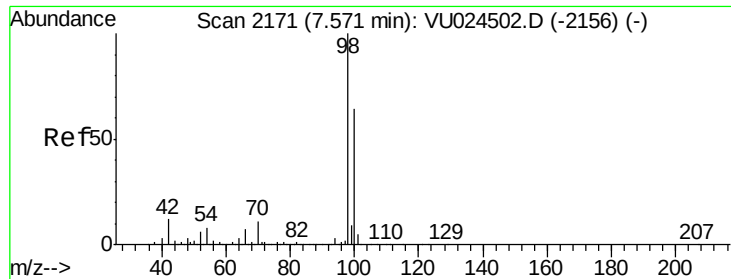
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	20.6	16.2	24.4



#40
 Benzene
 Concen: 2.485 ug/l
 RT: 5.40 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VU025257.D
 Acq: 06 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.2	28.8

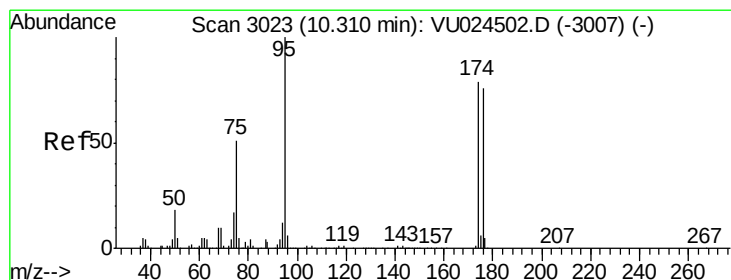
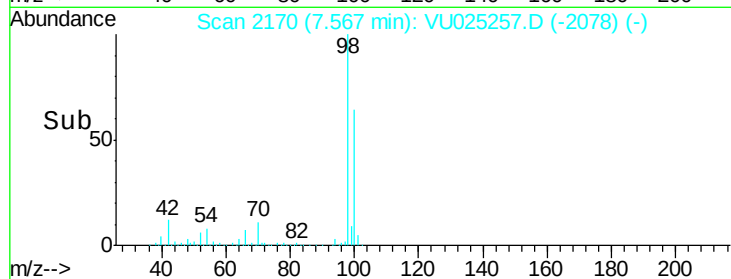
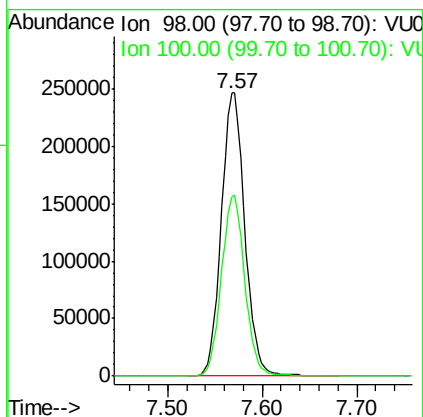
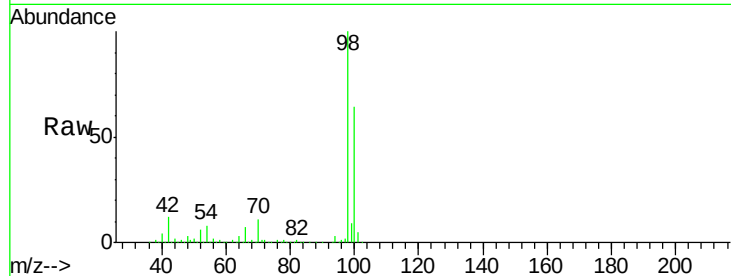




#50
Toluene-d8
Concen: 47.303 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025257.D
Acq: 06 Jul 2018 22:07

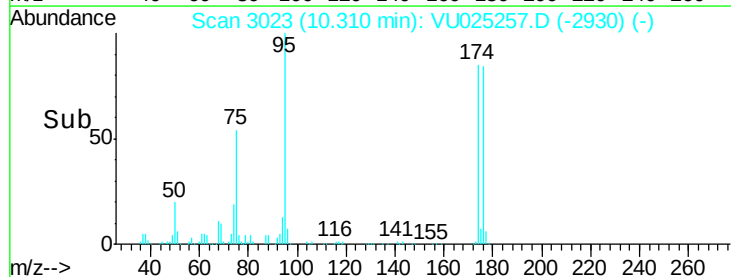
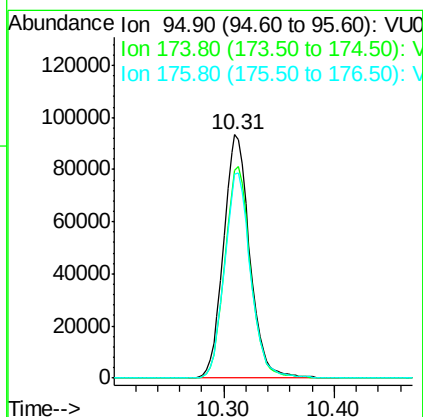
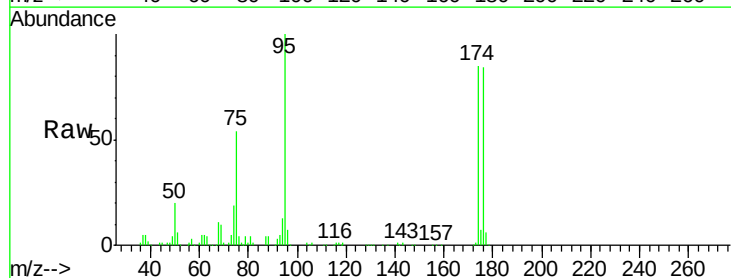
Instrument :
MSVOA_U
ClientSampleId :
S10-0151

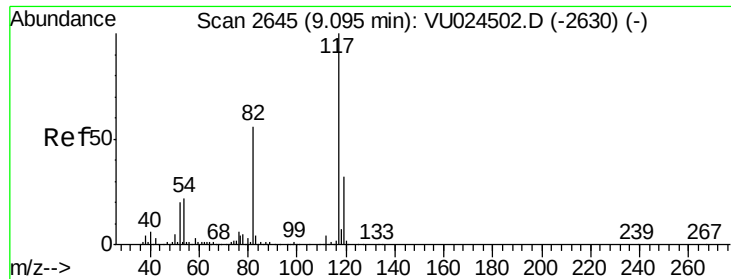
Tot Ion: 98 Resp: 425546
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.185 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025257.D
Acq: 06 Jul 2018 22:07

Tgt Ion: 95 Resp: 154248
Ion Ratio Lower Upper
95 100
174 85.5 0.0 165.8
176 83.8 0.0 159.4

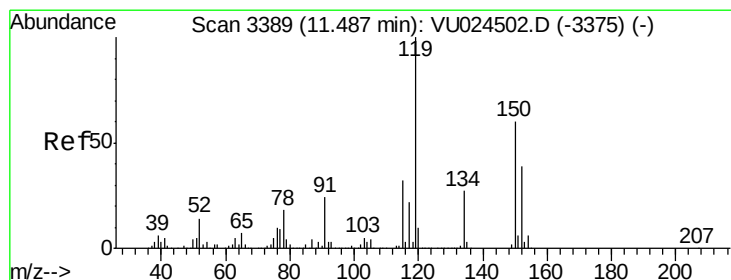
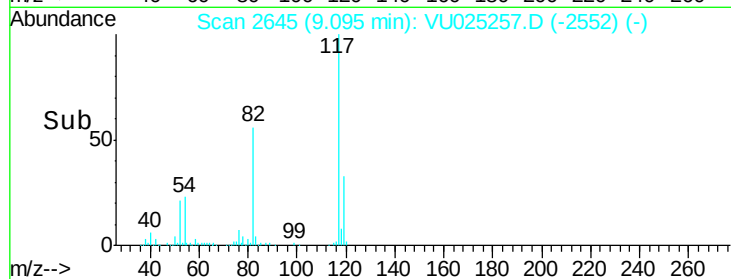
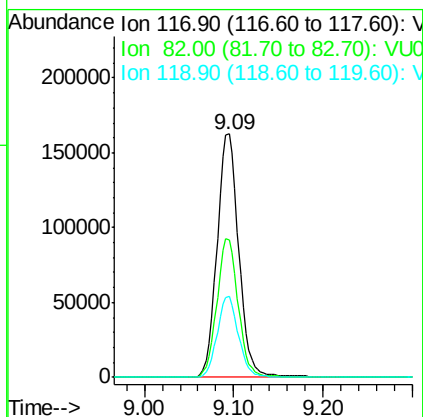
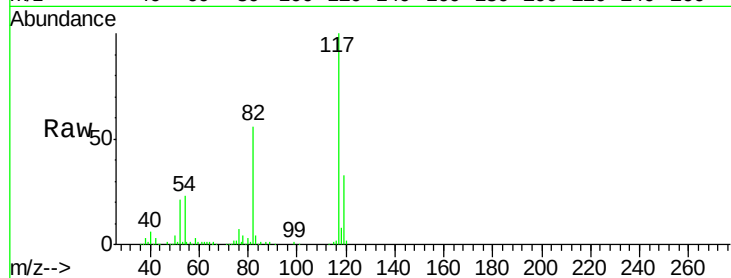




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025257.D
Acq: 06 Jul 2018 22:07

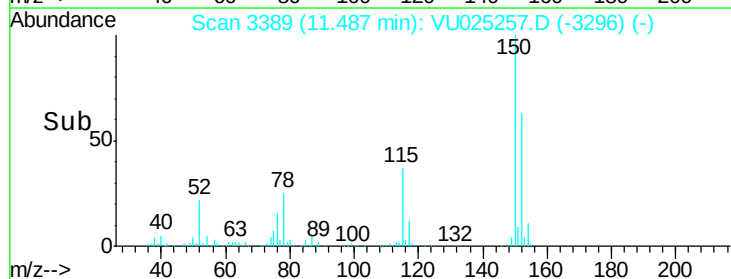
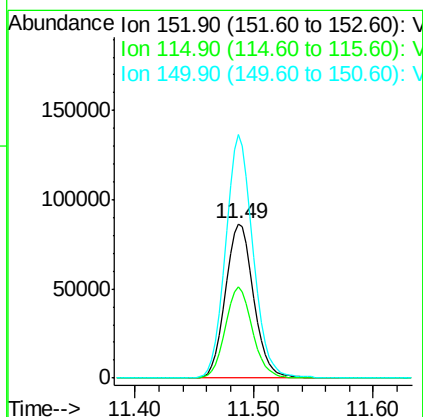
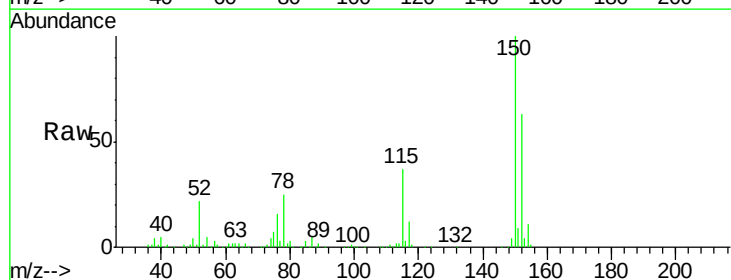
Instrument :
MSVOA_U
ClientSampleId :
S10-0151

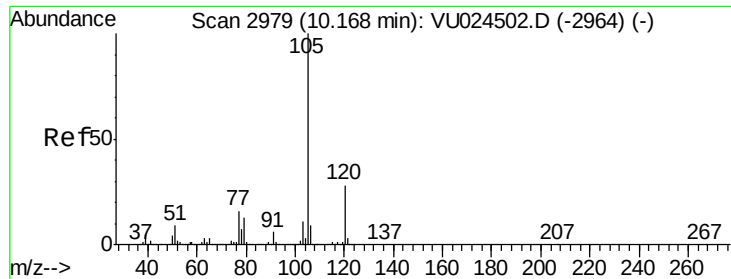
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.3	66.5
119	33.0	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025257.D
Acq: 06 Jul 2018 22:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	43.0	129.0
150	153.1	0.0	354.0





#73

Isopropylbenzene

Concen: 0.321 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU025257.D

Acq: 06 Jul 2018 22:07

Instrument :

MSVOA_U

ClientSampleId :

S10-0151

Tot Ion:105 Resp: 3506

Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.6

