

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024537.D
 Acq On : 14 Jun 2018 14:11
 Operator : MD/SY
 Sample : J3443-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB-061118-01

Quant Time: Jun 15 09:59:50 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	175089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301654	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	291061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	171741	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	133872	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
35) Dibromofluoromethane	4.89	113	120005	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	7.57	98	447687	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
62) 4-Bromofluorobenzene	10.31	95	175123	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

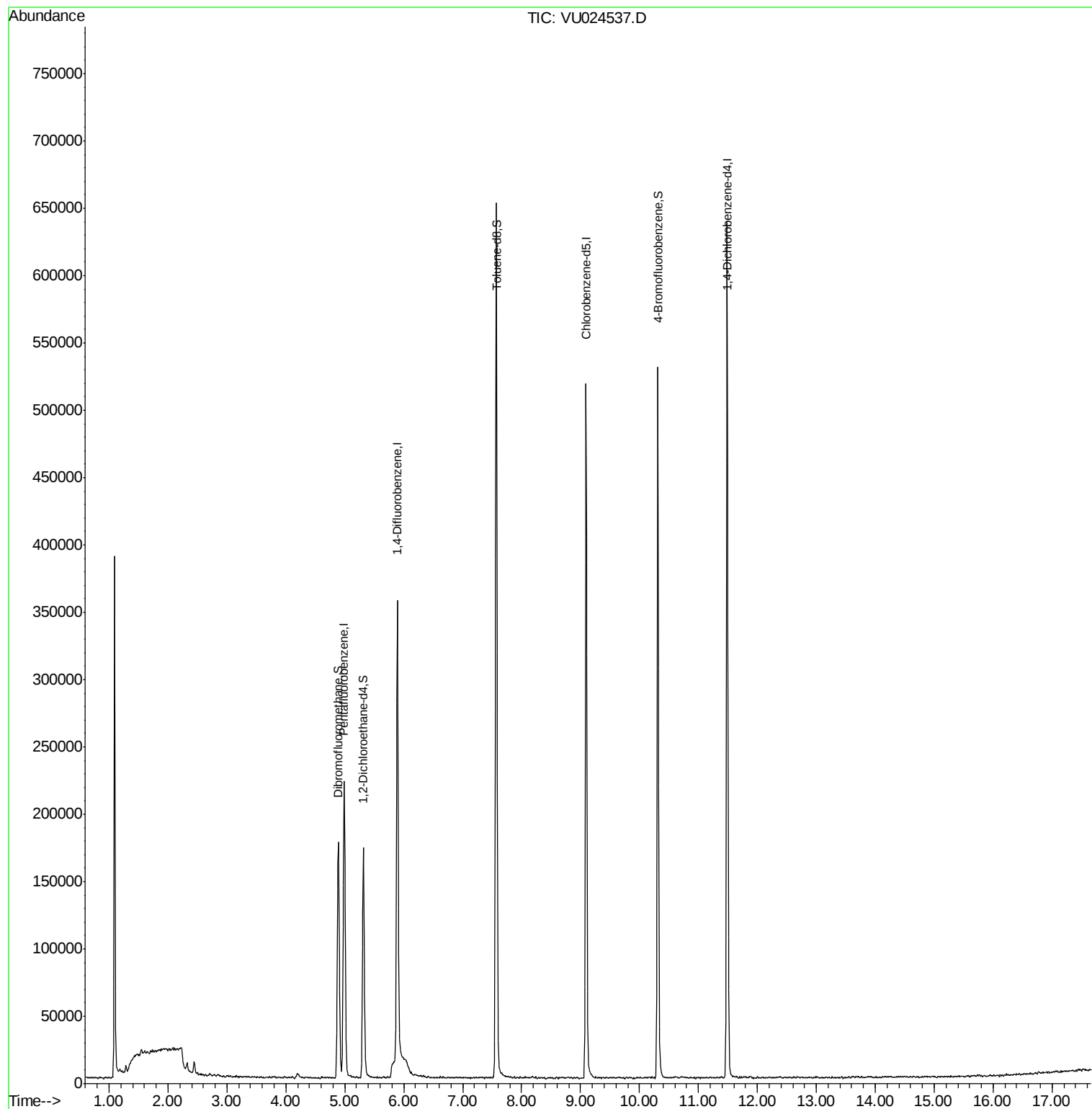
Target Compounds	Qvalue

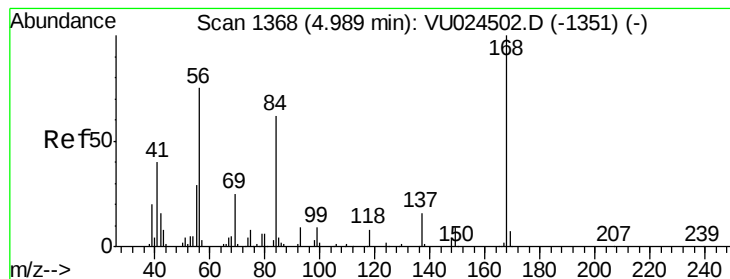
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024537.D

Acq: 14 Jun 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

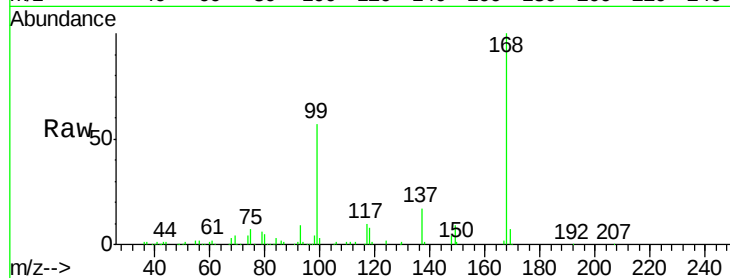
FB-061118-01

Tot Ion:168 Resp: 175089

Ion Ratio Lower Upper

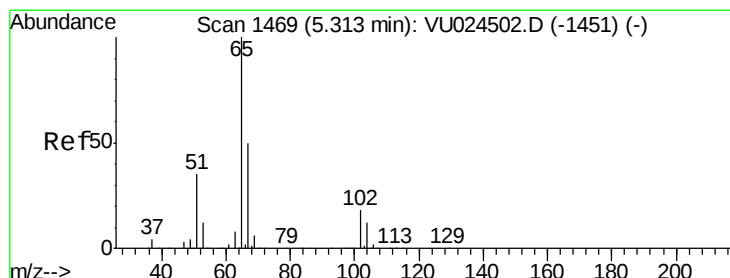
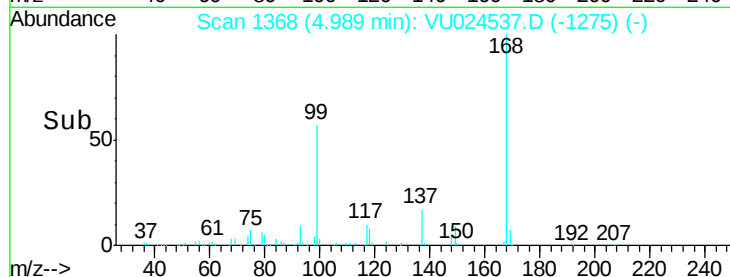
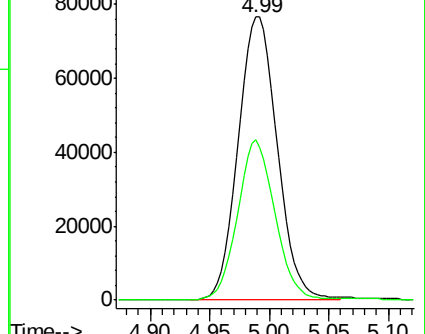
168 100

99 56.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024537.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024537.D (-1351) (-)



#33

1,2-Dichloroethane-d4

Concen: 46.835 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024537.D

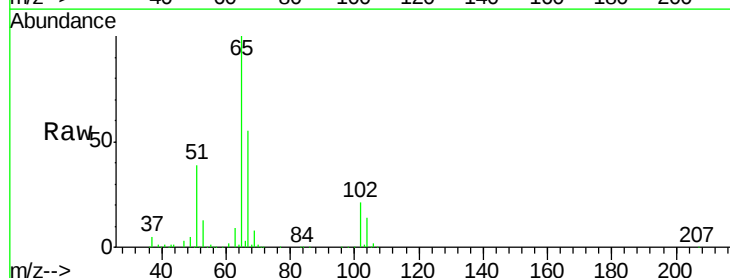
Acq: 14 Jun 2018 14:11

Tgt Ion: 65 Resp: 133872

Ion Ratio Lower Upper

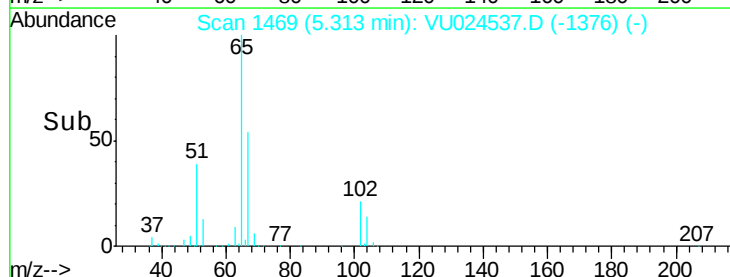
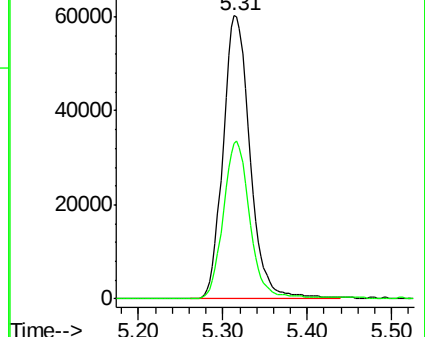
65 100

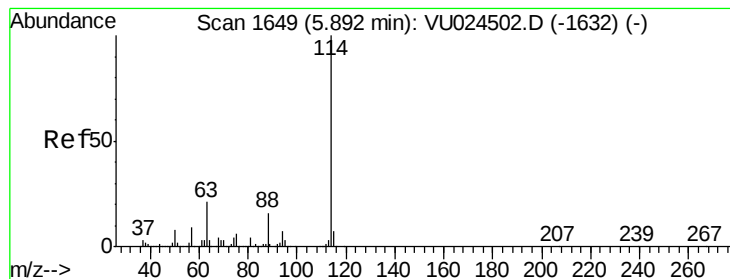
67 54.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024537.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024537.D (-1376) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU024537.D

Acq: 14 Jun 2018 14:11

Instrument :

MSVOA_U

ClientSampleId :

FB-061118-01

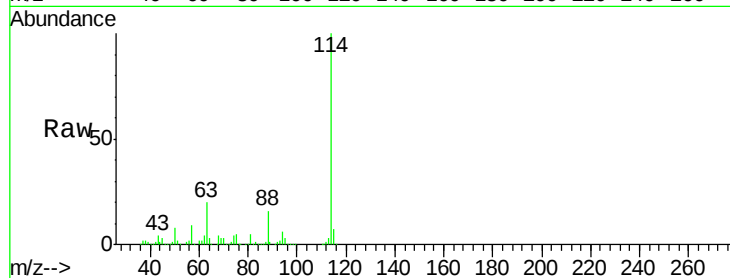
Tot Ion:114 Resp: 301654

Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.4

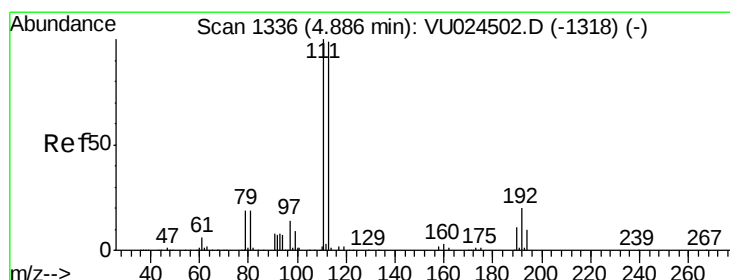
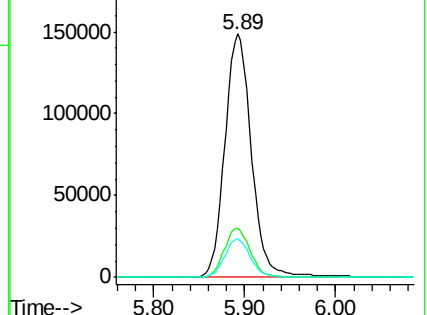
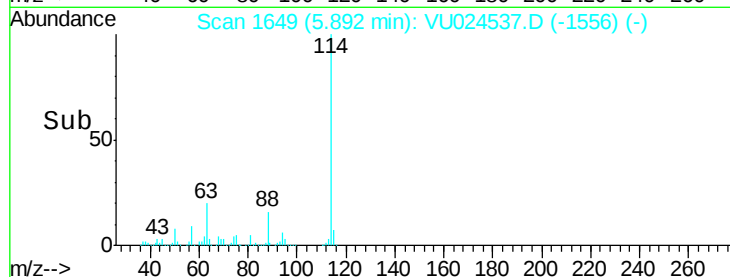
88 15.8 0.0 31.0



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: 47.935 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024537.D

Acq: 14 Jun 2018 14:11

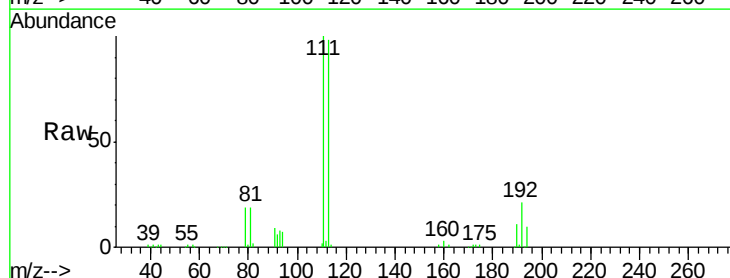
Tgt Ion:113 Resp: 120005

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

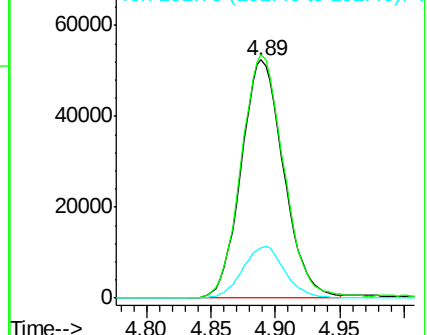
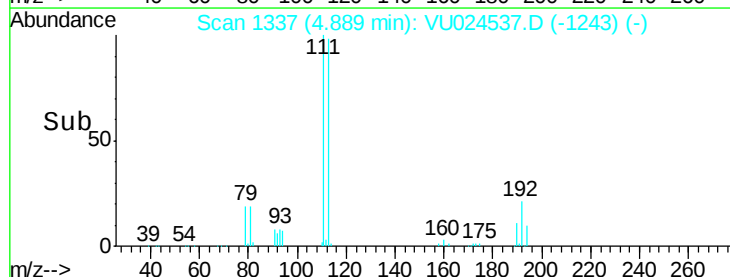
192 21.5 16.2 24.4

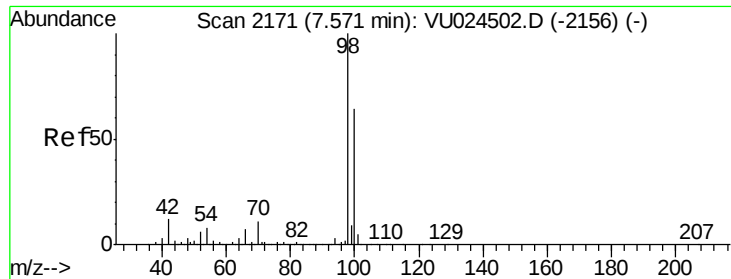


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

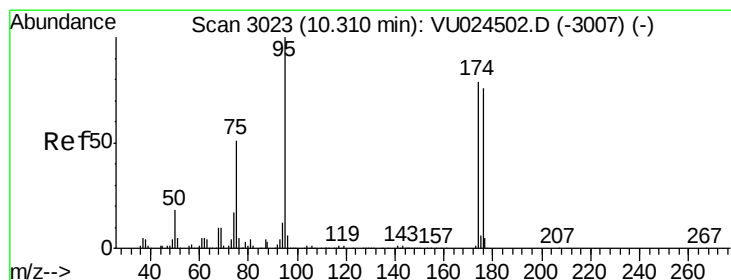
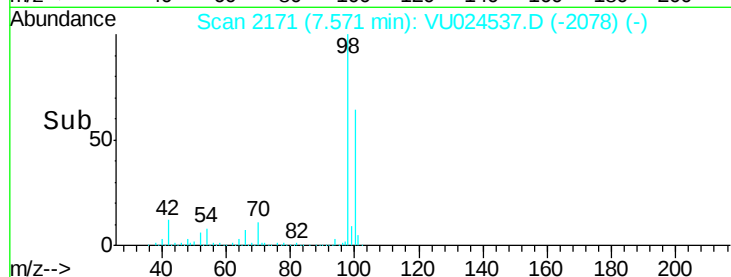
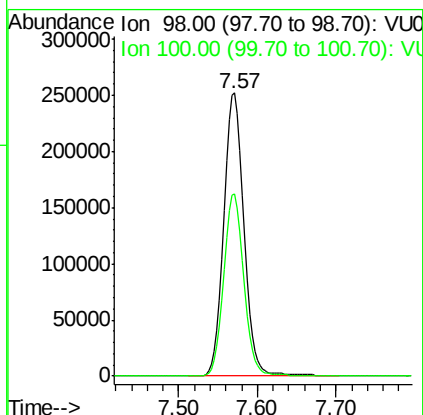
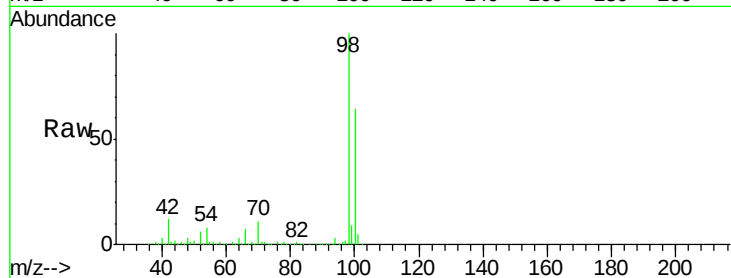




#50
Toluene-d8
Concen: 49.025 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024537.D
Acq: 14 Jun 2018 14:11

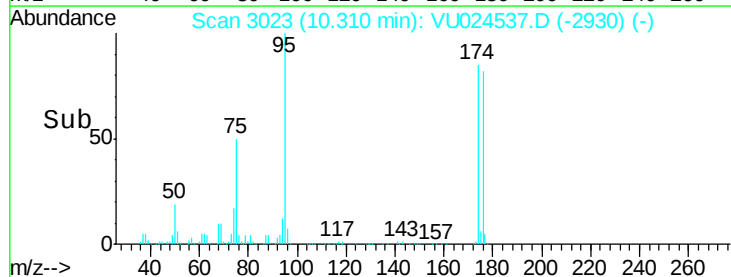
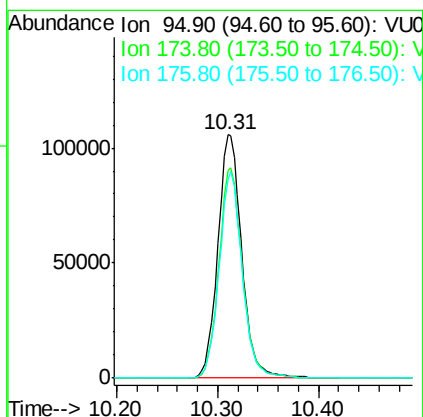
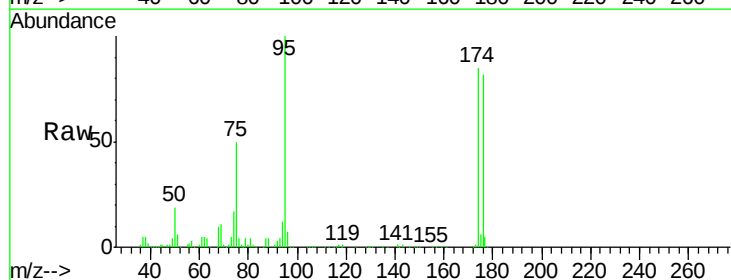
Instrument :
MSVOA_U
ClientSampleId :
FB-061118-01

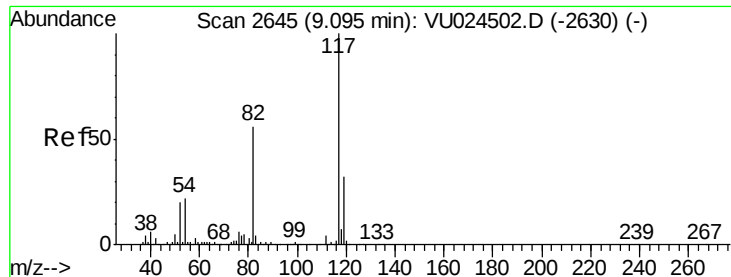
Tot Ion: 98 Resp: 447687
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 48.301 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024537.D
Acq: 14 Jun 2018 14:11

Tgt Ion: 95 Resp: 175123
Ion Ratio Lower Upper
95 100
174 84.8 0.0 165.8
176 81.8 0.0 159.4

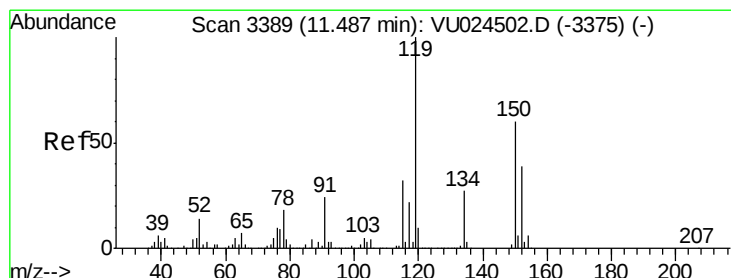
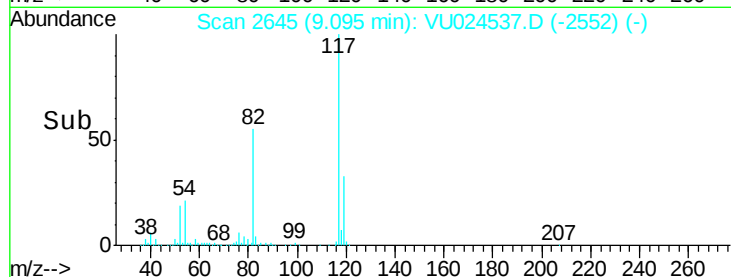
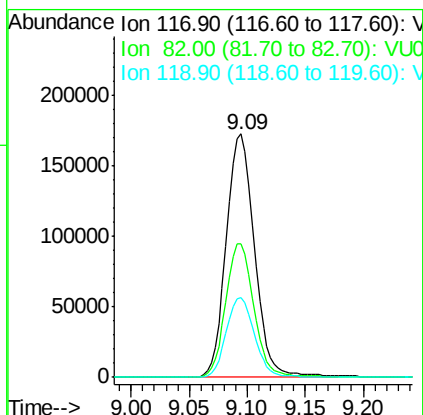
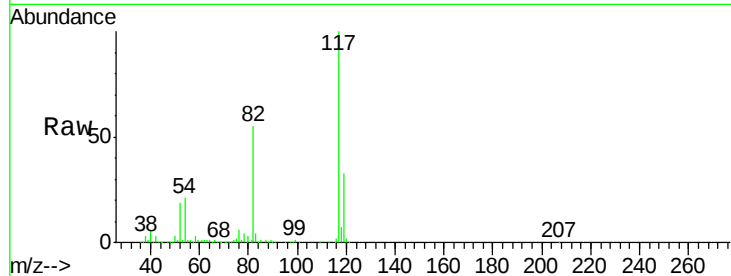




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024537.D
Acq: 14 Jun 2018 14:11

Instrument :
MSVOA_U
ClientSampleId :
FB-061118-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.3	66.5
119	32.5	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024537.D
Acq: 14 Jun 2018 14:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	43.0	129.0
150	156.2	0.0	354.0

