

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024536.D
 Acq On : 14 Jun 2018 13:48
 Operator : MD/SY
 Sample : J3443-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-061118-01

Quant Time: Jun 15 09:59:23 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	191914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	324284	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	306913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	178154	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.32	65	142694	45.54	ug/l	0.00
Spiked Amount			Recovery	=	91.08%	
35) Dibromofluoromethane	4.89	113	128719	47.83	ug/l	0.00
Spiked Amount			Recovery	=	95.66%	
50) Toluene-d8	7.57	98	472140	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	10.31	95	182249	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

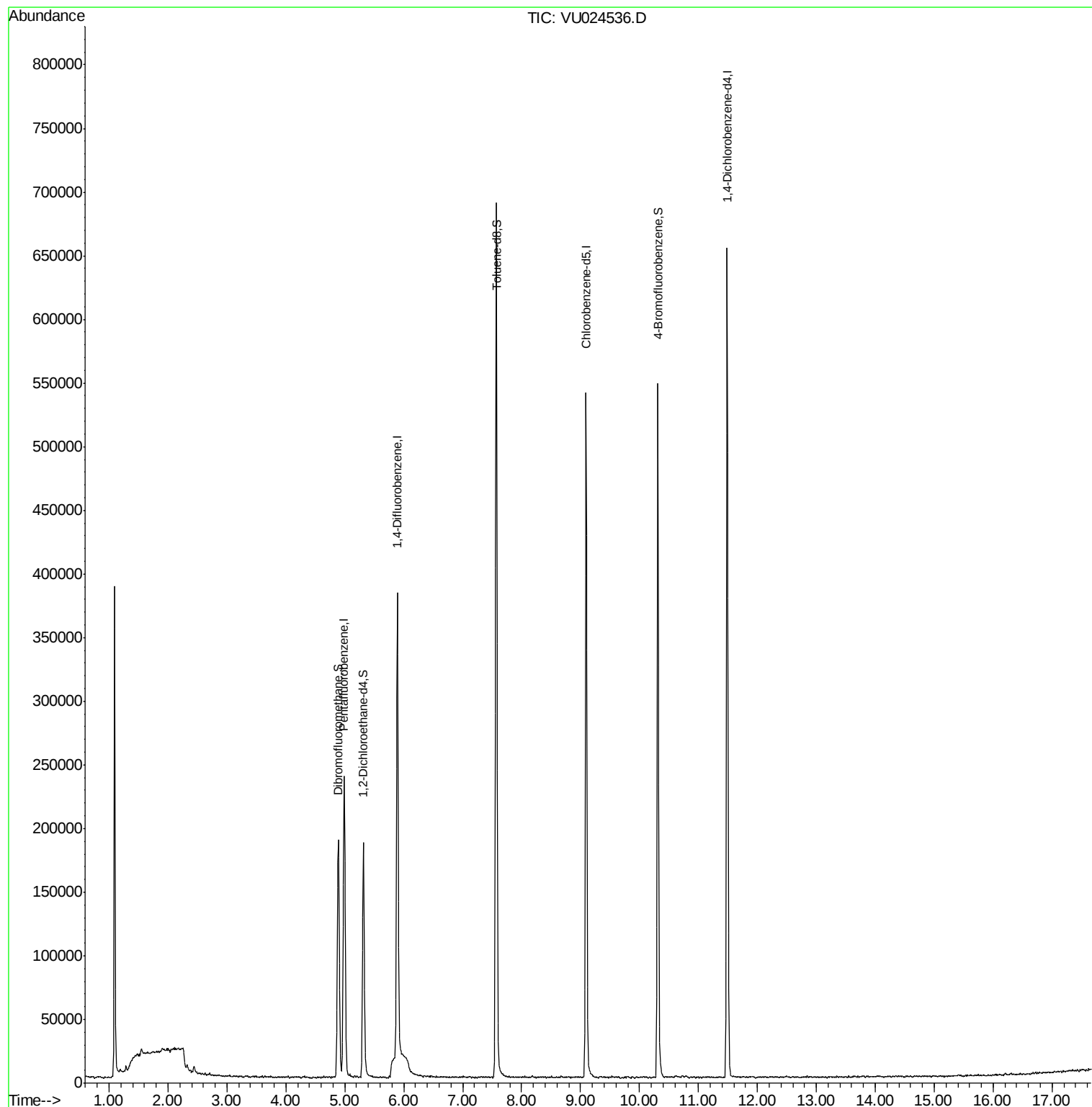
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VU024536.D

Acq: 14 Jun 2018 13:48

Instrument :

MSVOA_U

ClientSampleId :

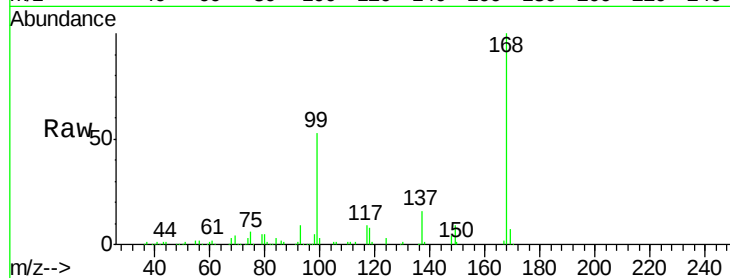
TB-061118-01

Tot Ion:168 Resp: 191914

Ion Ratio Lower Upper

168 100

99 52.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

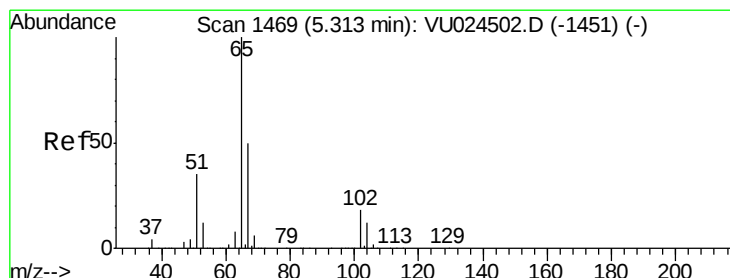
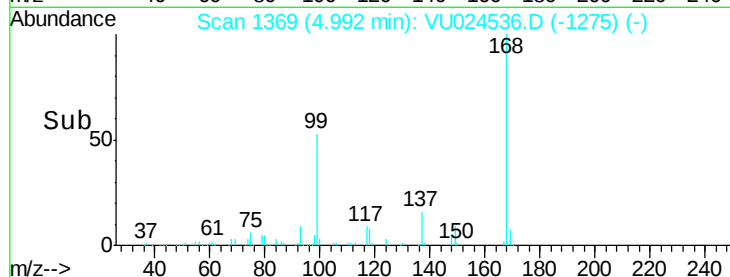
40000

20000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 45.545 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024536.D

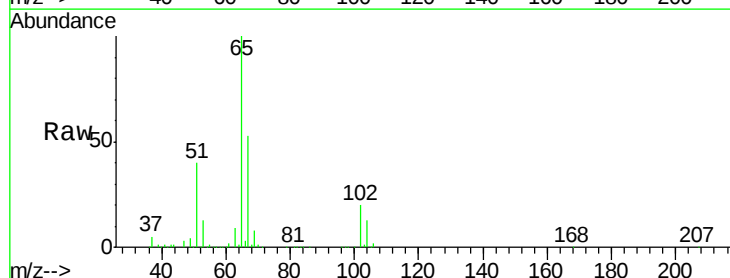
Acq: 14 Jun 2018 13:48

Tgt Ion: 65 Resp: 142694

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)

5.32

60000

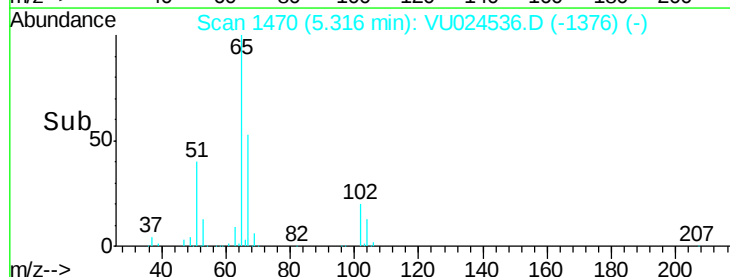
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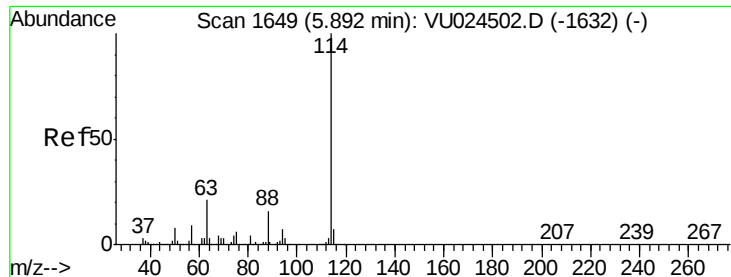
20000

0

Time-->

5.20 5.30 5.40

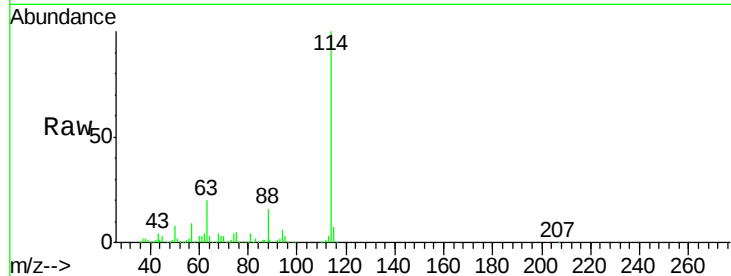




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024536.D
 Acq: 14 Jun 2018 13:48

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-061118-01

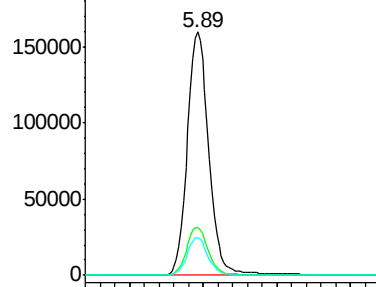
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	45.4
88	15.7	0.0	31.0



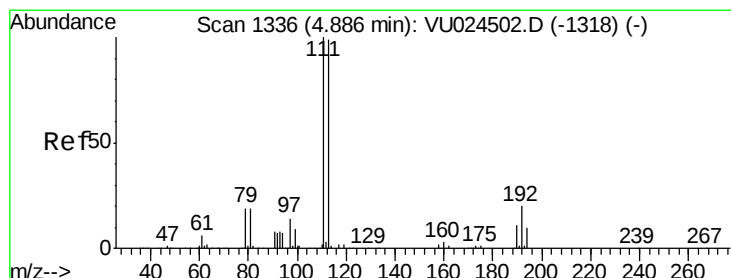
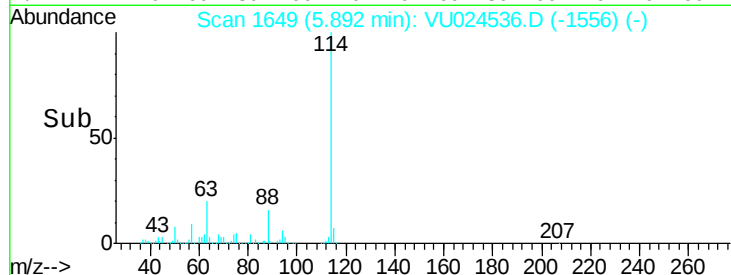
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0

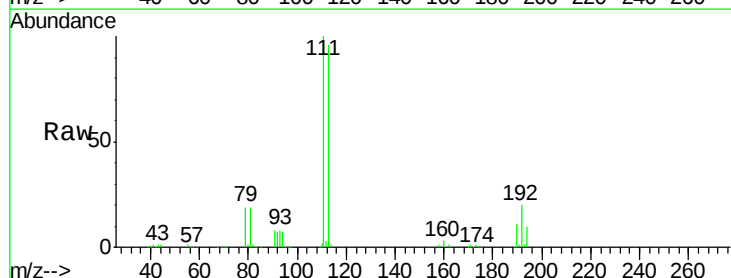


Time-->



#35
 Dibromofluoromethane
 Concen: 47.828 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024536.D
 Acq: 14 Jun 2018 13:48

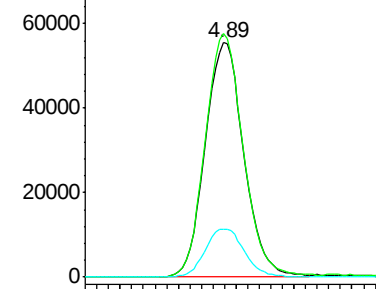
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	20.8	16.2	24.4



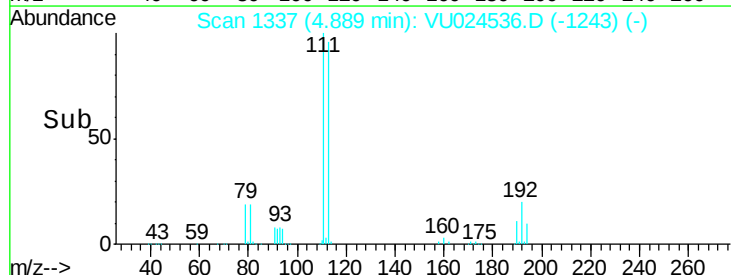
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->

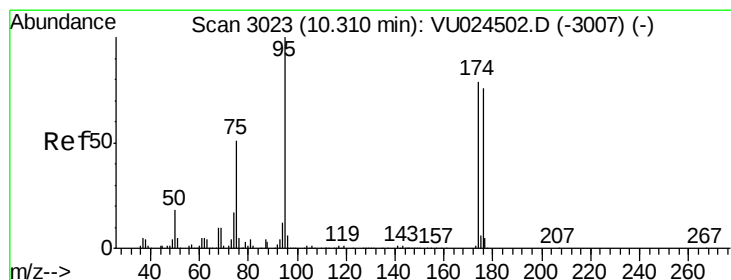
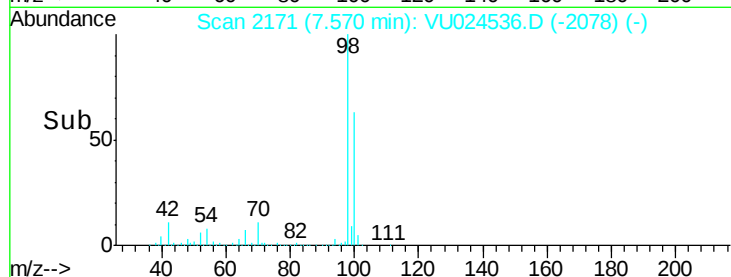
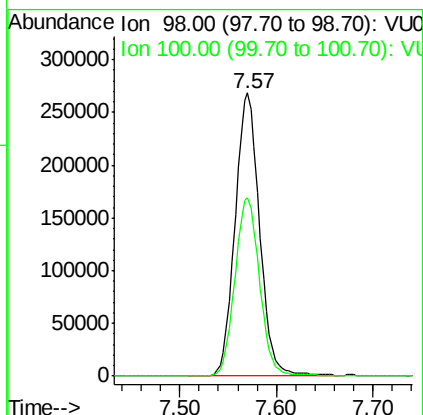
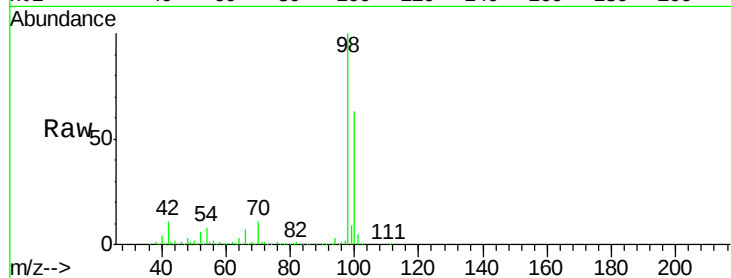




#50
Toluene-d8
Concen: 48.095 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024536.D
Acq: 14 Jun 2018 13:48

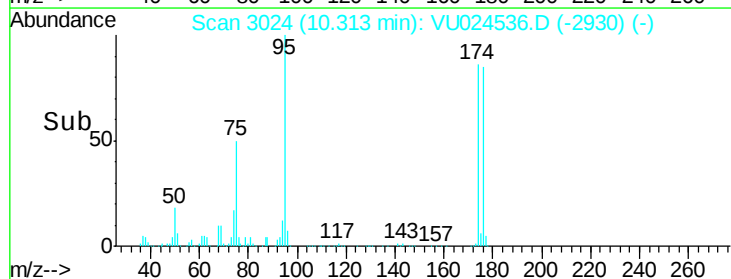
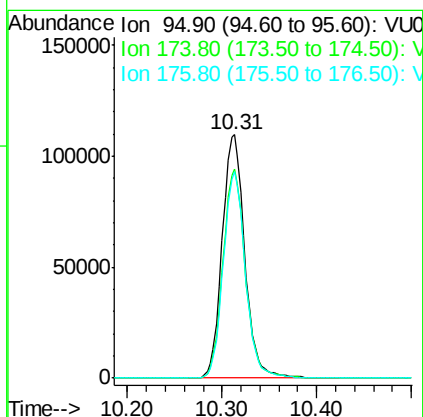
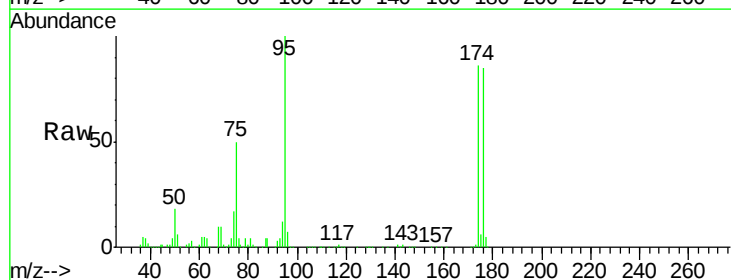
Instrument :
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Tot Ion: 98 Resp: 472140
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 46.759 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU024536.D
Acq: 14 Jun 2018 13:48

Tgt Ion: 95 Resp: 182249
Ion Ratio Lower Upper
95 100
174 85.0 0.0 165.8
176 83.2 0.0 159.4

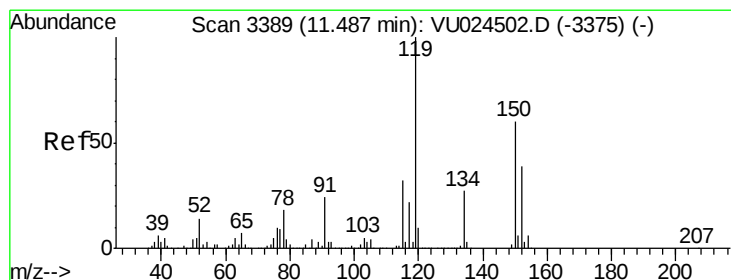
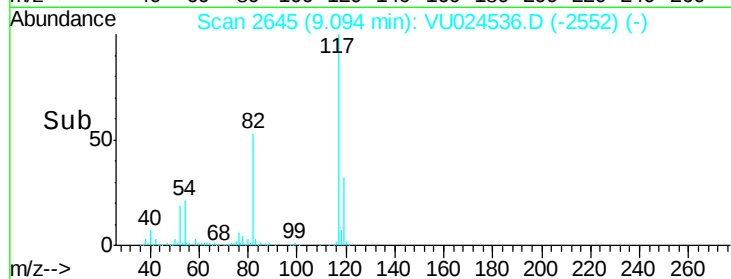
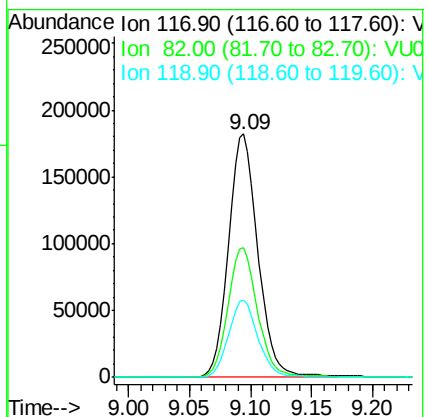
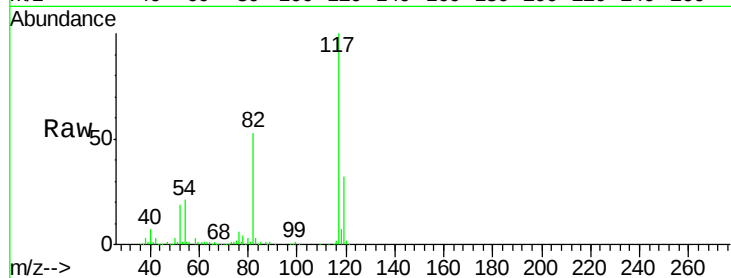




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024536.D
Acq: 14 Jun 2018 13:48

Instrument :
MSVOA_U
ClientSampleId :
TB-061118-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	44.3	66.5
119	32.0	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: VU024536.D
Acq: 14 Jun 2018 13:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	43.0	129.0
150	157.7	0.0	354.0

