

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025209.D
 Acq On : 05 Jul 2018 12:34
 Operator : MD/SY
 Sample : J3808-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1TB03-180627

Quant Time: Jul 06 12:49:40 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	209313	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	310616	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147914	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	160180	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
35) Dibromofluoromethane	4.89	113	123995	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	7.57	98	451131	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	10.31	95	165483	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

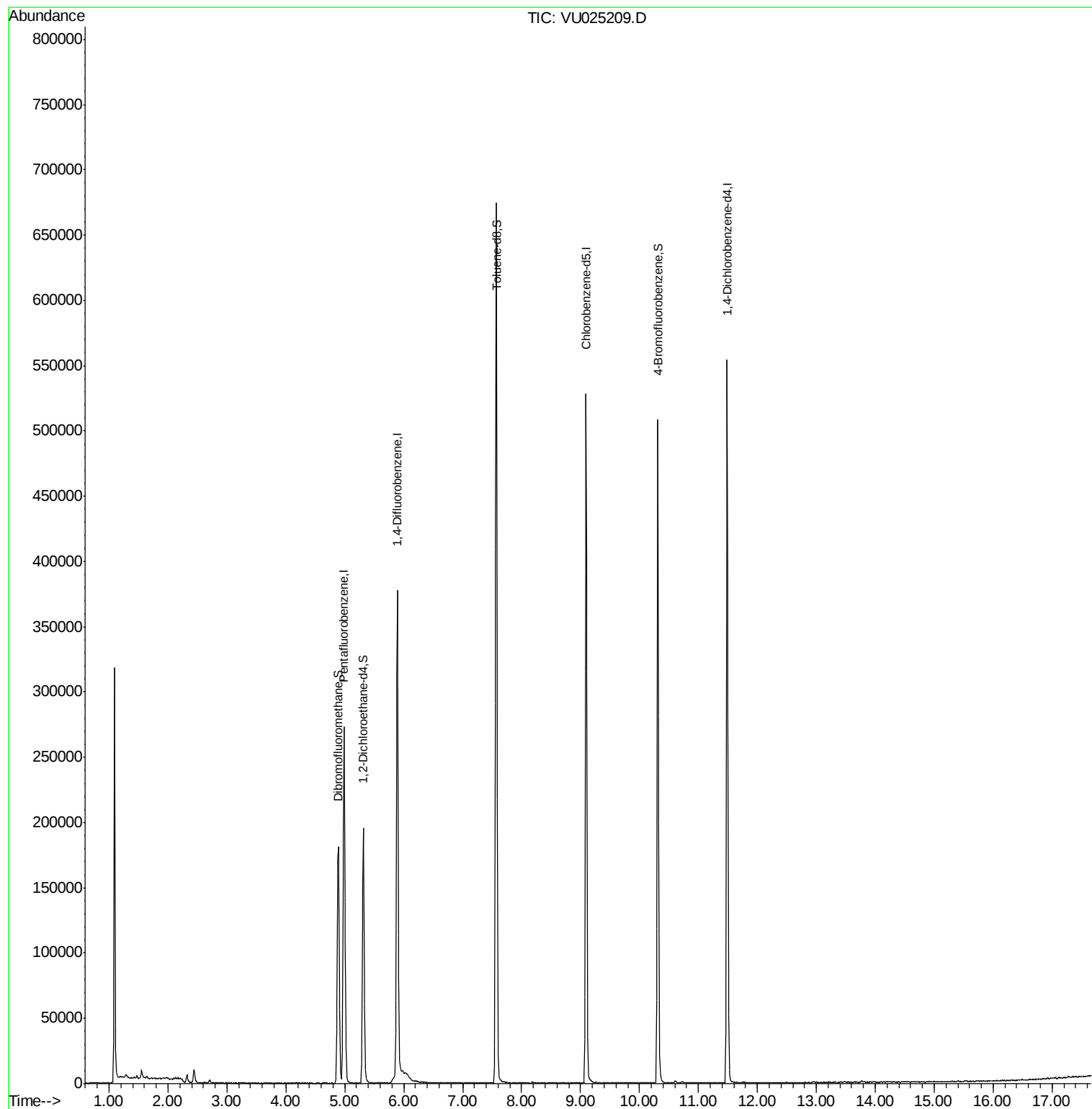
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025209.D

Acq: 05 Jul 2018 12:34

Instrument :

MSVOA_U

ClientSampleId :

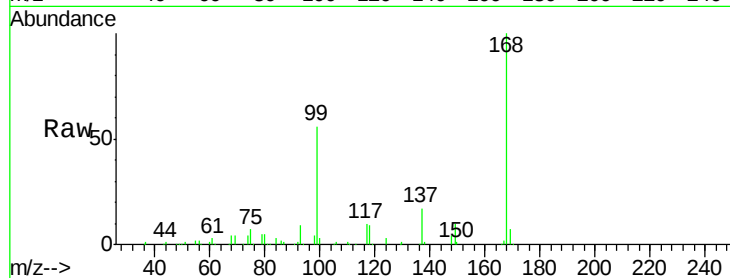
E1TB03-180627

Tot Ion:168 Resp: 209313

Ion Ratio Lower Upper

168 100

99 56.1 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

100000

80000

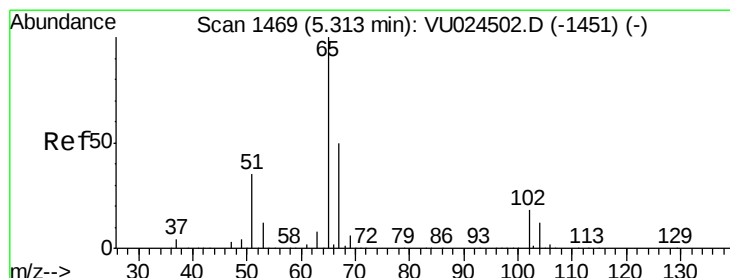
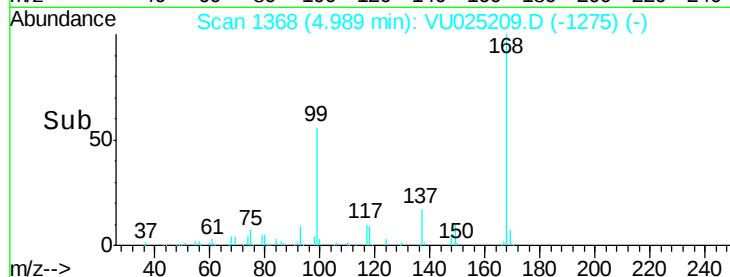
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.876 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025209.D

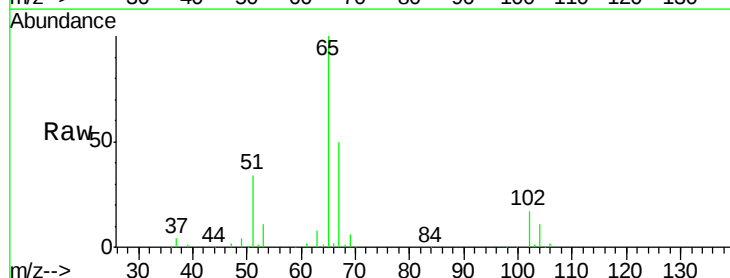
Acq: 05 Jul 2018 12:34

Tgt Ion: 65 Resp: 160180

Ion Ratio Lower Upper

65 100

67 50.5 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

5.31

80000

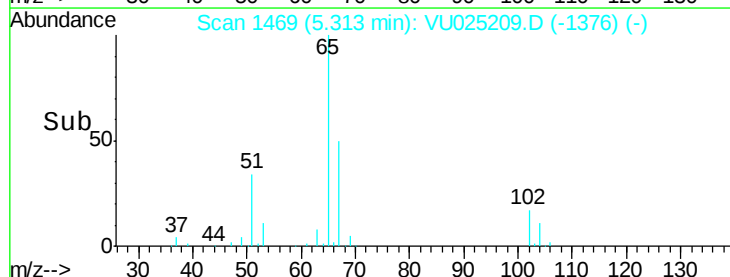
60000

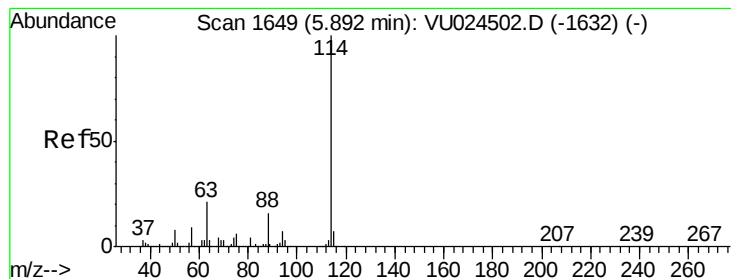
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU025209.D

Acq: 05 Jul 2018 12:34

Instrument :

MSVOA_U

ClientSampleId :

E1TB03-180627

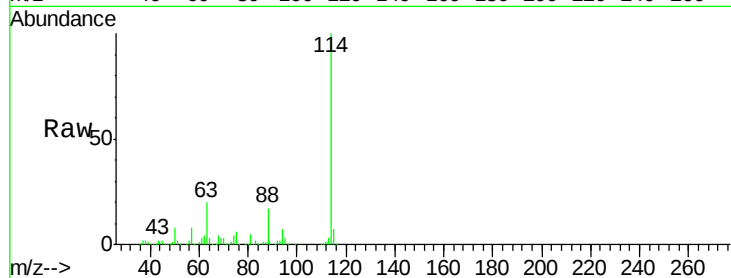
Tot Ion:114 Resp: 310616

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

88 16.9 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

200000

150000

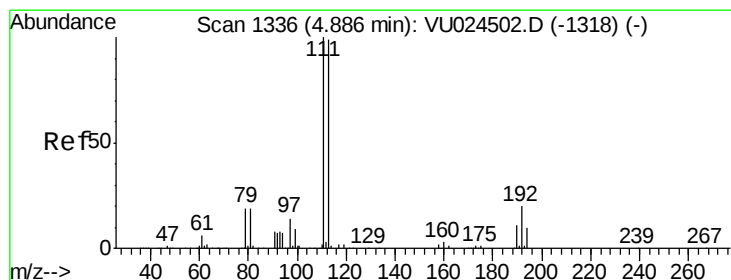
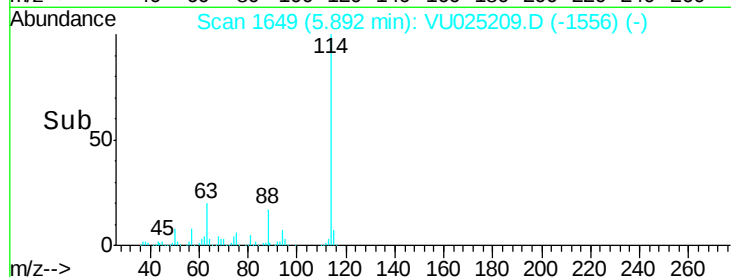
100000

50000

0

5.80 5.85 5.90 5.95 6.00

Time-->



#35

Dibromofluoromethane

Concen: 48.100 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025209.D

Acq: 05 Jul 2018 12:34

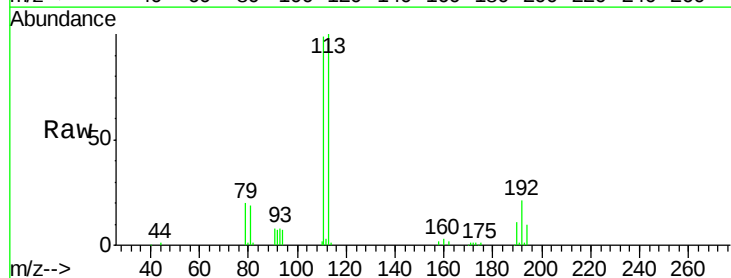
Tgt Ion:113 Resp: 123995

Ion Ratio Lower Upper

113 100

111 100.5 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

60000

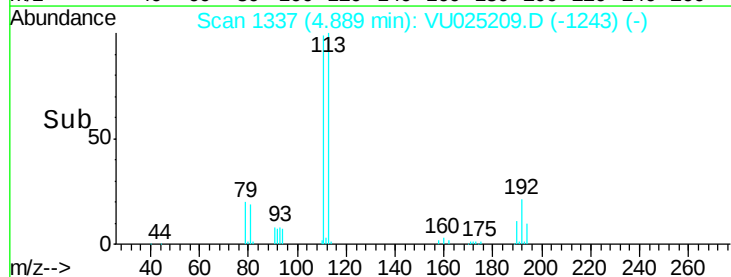
40000

20000

0

4.80 4.85 4.90 4.95 5.00

Time-->

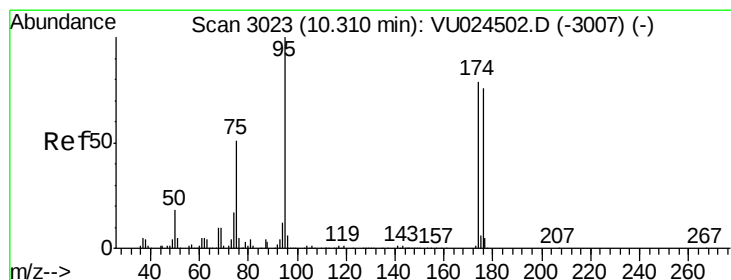
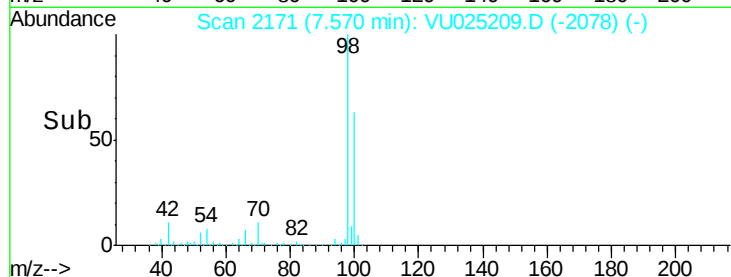
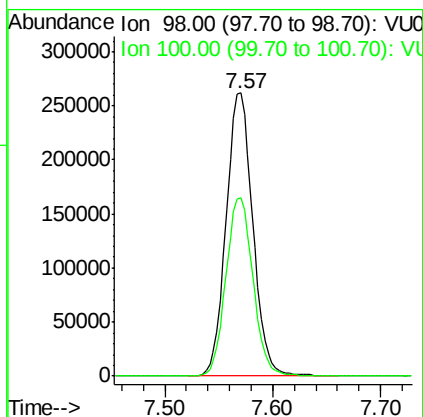
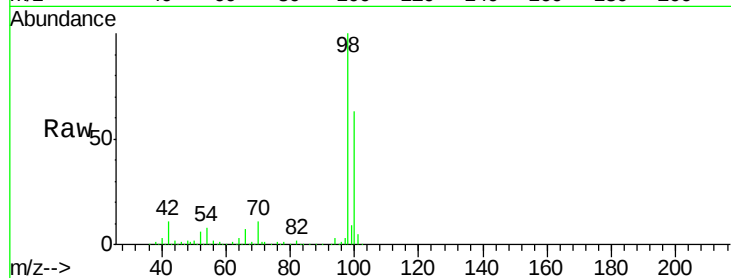




#50
Toluene-d8
Concen: 47.977 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU025209.D
Acq: 05 Jul 2018 12:34

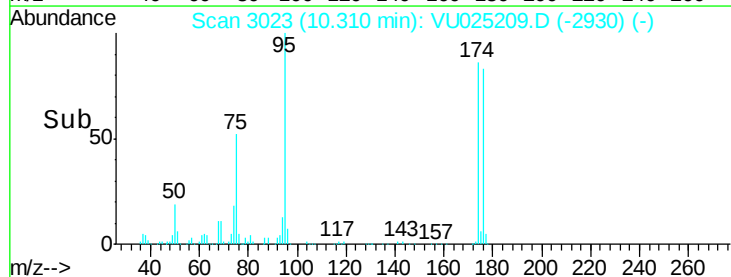
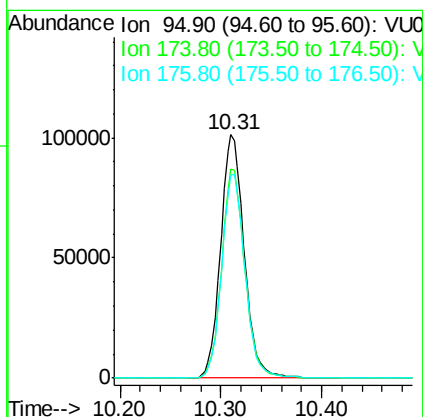
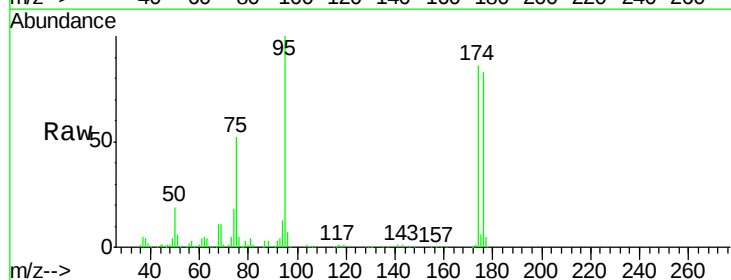
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Tot Ion: 98 Resp: 451131
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.325 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025209.D
Acq: 05 Jul 2018 12:34

Tgt Ion: 95 Resp: 165483
Ion Ratio Lower Upper
95 100
174 84.6 0.0 165.8
176 83.5 0.0 159.4

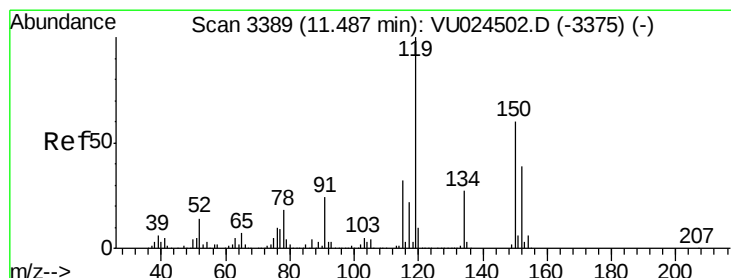
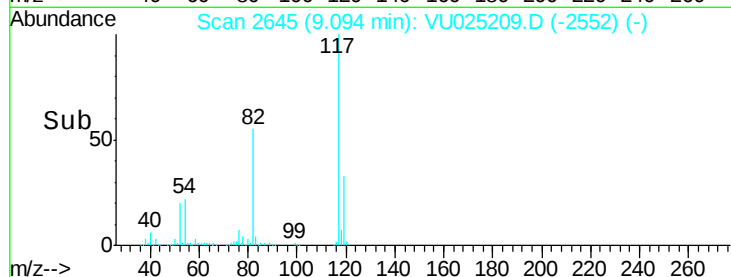
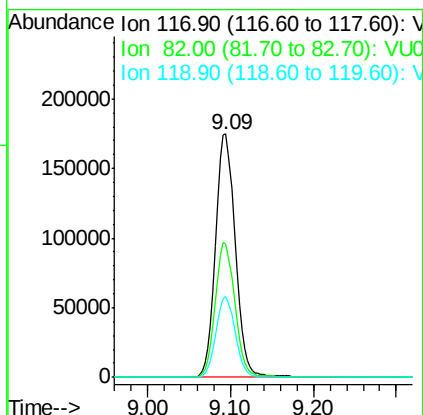
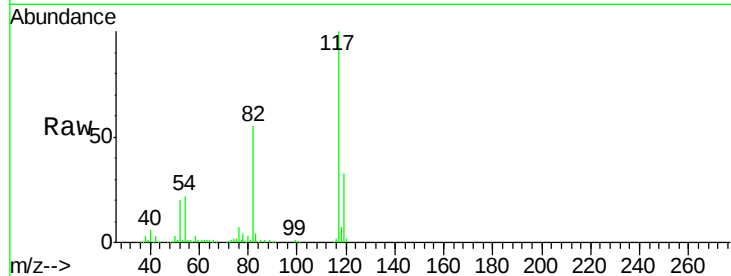




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025209.D
Acq: 05 Jul 2018 12:34

Instrument :
MSVOA_U
ClientSampleId :
E1TB03-180627

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.3	66.5
119	33.1	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: VU025209.D
Acq: 05 Jul 2018 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	43.0	129.0
150	156.0	0.0	354.0

