

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080618\
 Data File : VU025880.D
 Acq On : 06 Aug 2018 12:59
 Operator : MD/SY
 Sample : VU0806WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0806WBL01

Quant Time: Aug 07 04:03:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 00:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	176177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	279630	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	267447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	139575	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	142994	52.09	ug/l	0.00
Spiked Amount			Recovery	=	104.18%	
35) Dibromofluoromethane	4.89	113	123878	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	7.57	98	415260	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	10.31	95	142129	43.03	ug/l	0.00
Spiked Amount			Recovery	=	86.06%	

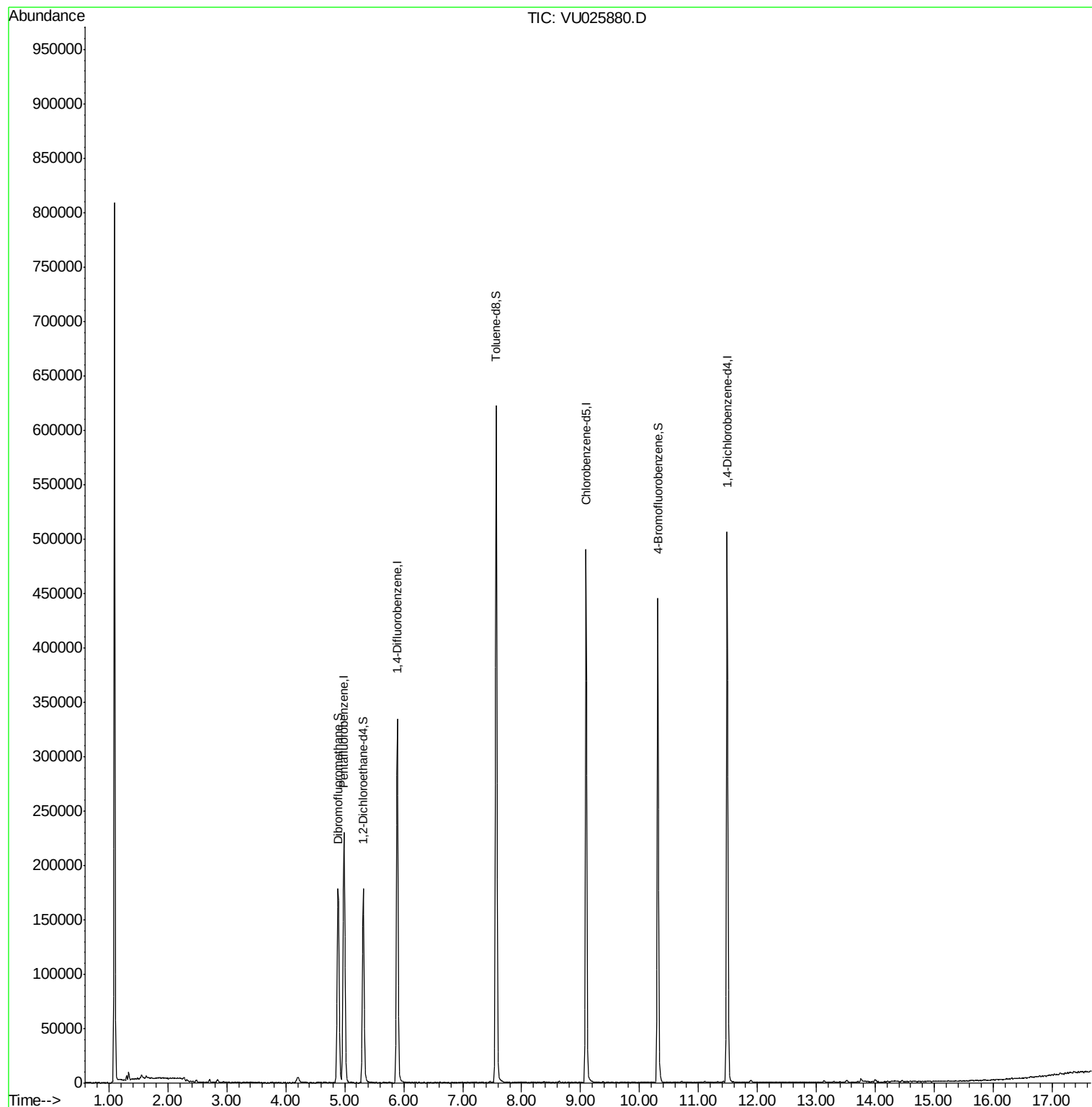
Target Compounds	Qvalue
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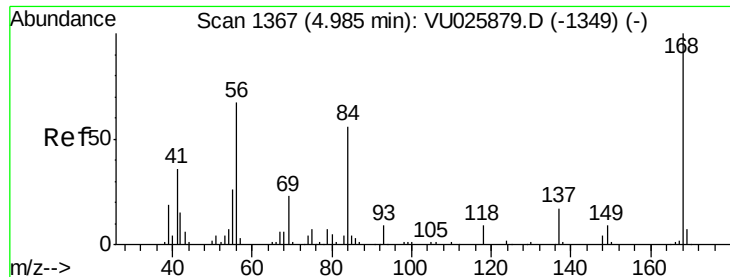
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025880.D

Acq: 06 Aug 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

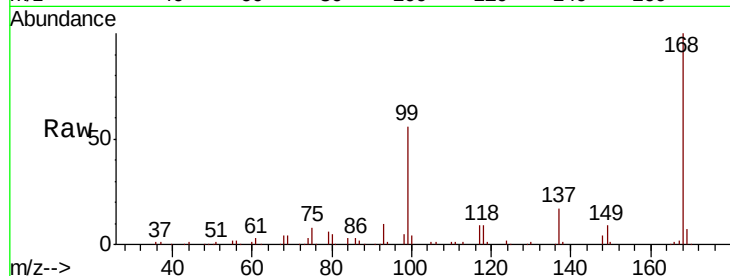
VU0806WBL01

Tot Ion:168 Resp: 176177

Ion Ratio Lower Upper

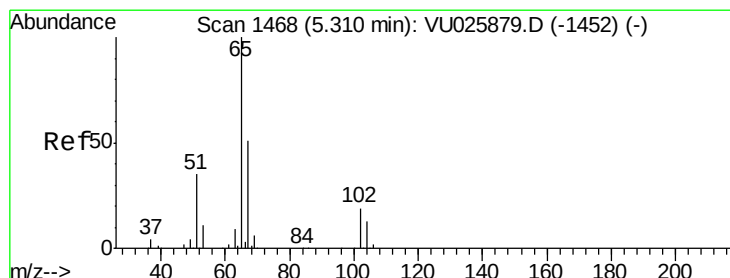
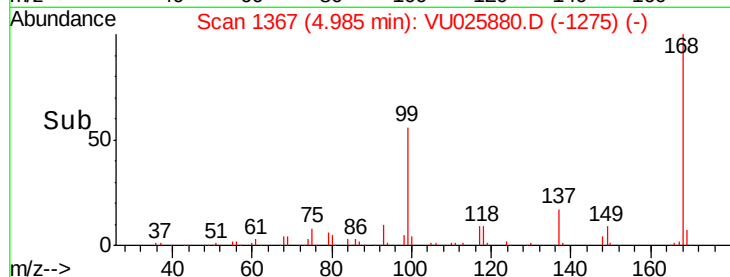
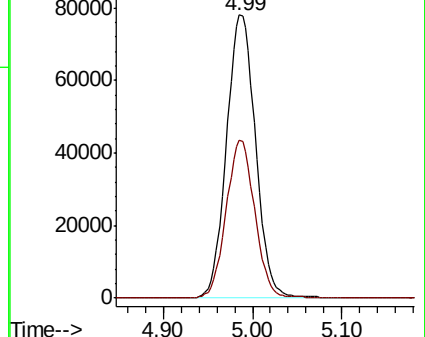
168 100

99 55.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025879.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025879.D (-1349) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.09 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025880.D

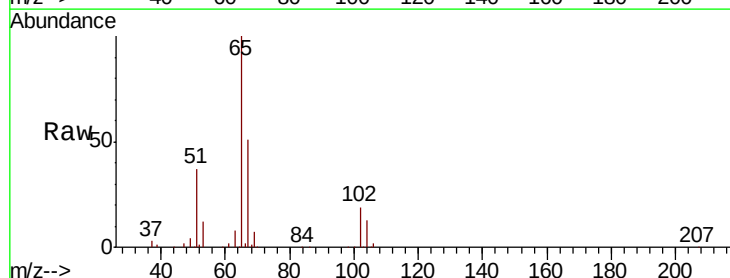
Acq: 06 Aug 2018 12:59

Tgt Ion: 65 Resp: 142994

Ion Ratio Lower Upper

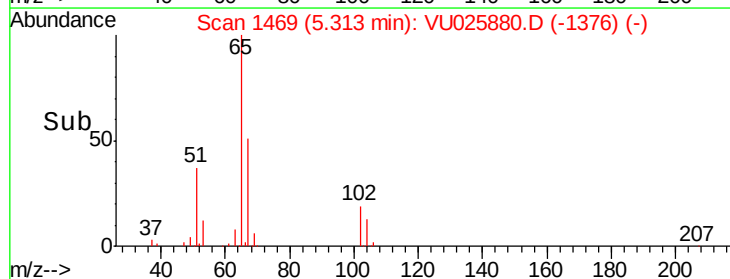
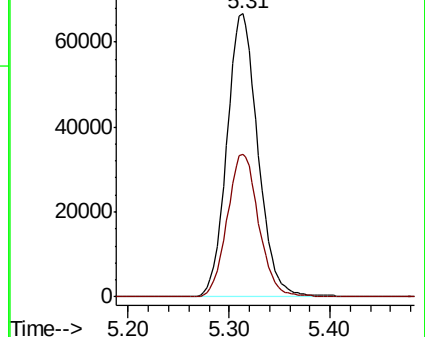
65 100

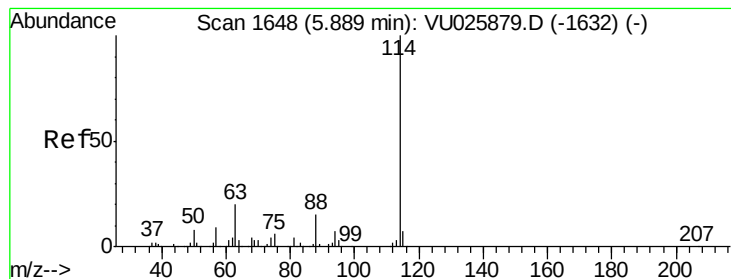
67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025879.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025879.D (-1452) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VU025880.D

Acq: 06 Aug 2018 12:59

Instrument :

MSVOA_U

ClientSampleId :

VU0806WBL01

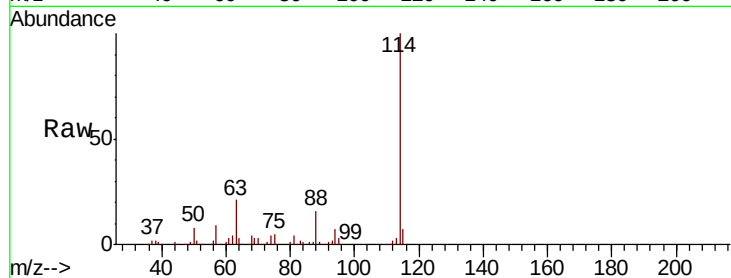
Tot Ion:114 Resp: 279630

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.6

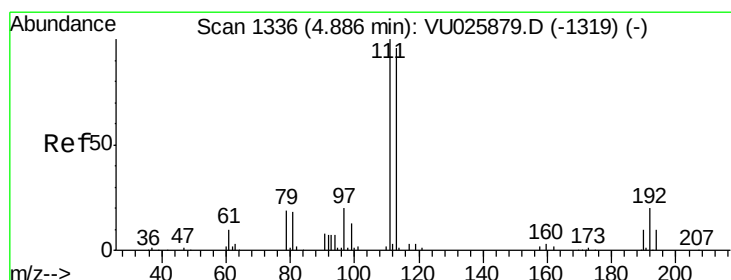
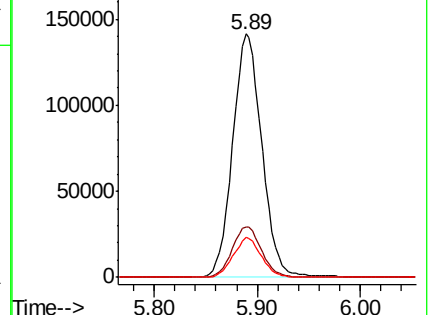
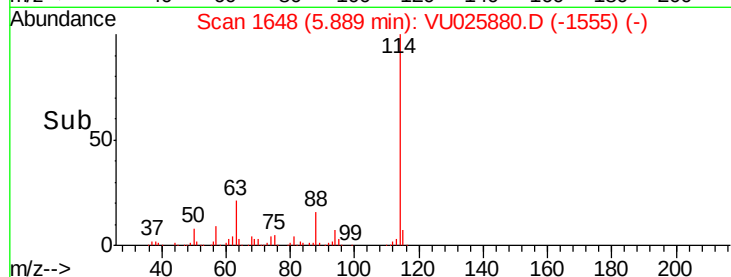
88 16.3 0.0 32.4



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: 50.93 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU025880.D

Acq: 06 Aug 2018 12:59

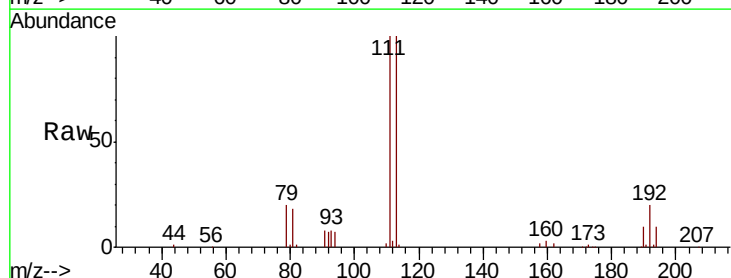
Tgt Ion:113 Resp: 123878

Ion Ratio Lower Upper

113 100

111 101.0 81.7 122.5

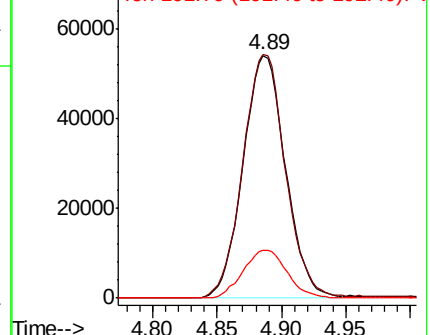
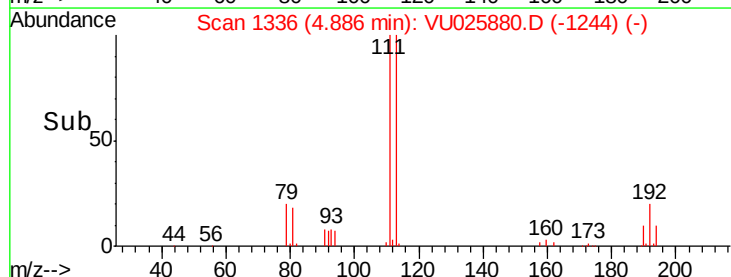
192 20.4 17.1 25.7

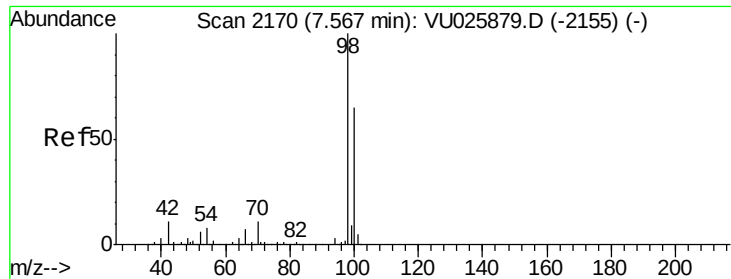


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

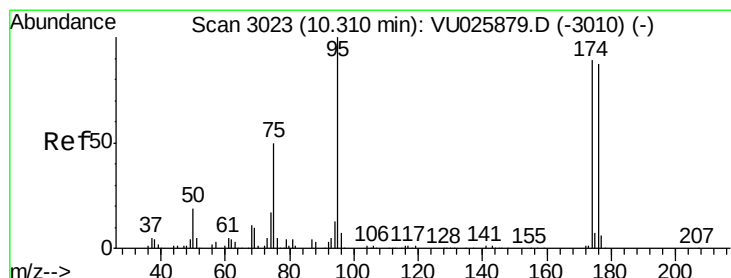
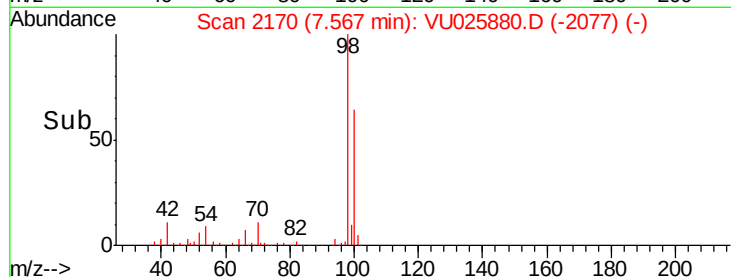
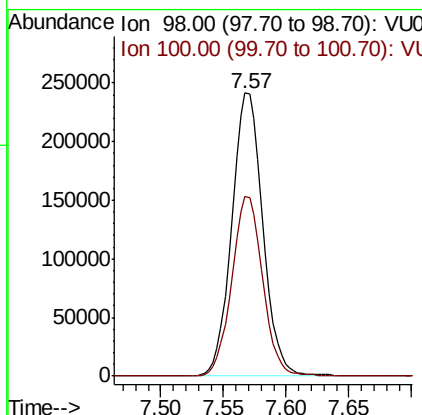
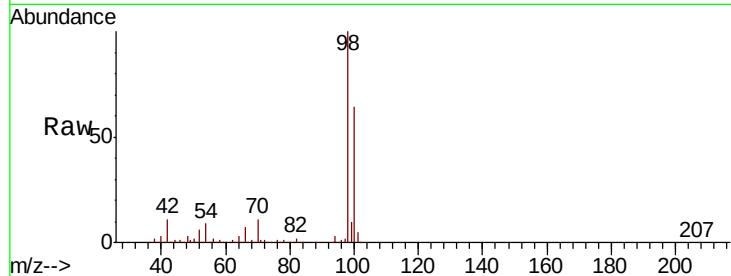




#50
Toluene-d8
Concen: 48.79 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025880.D
Acq: 06 Aug 2018 12:59

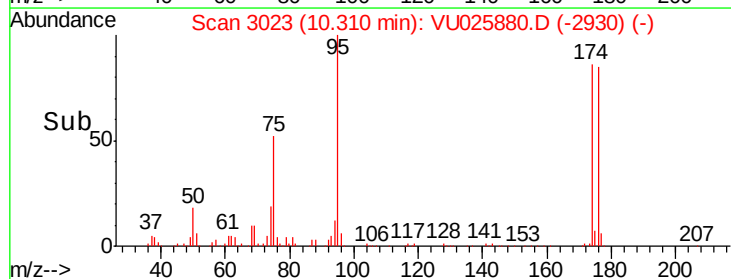
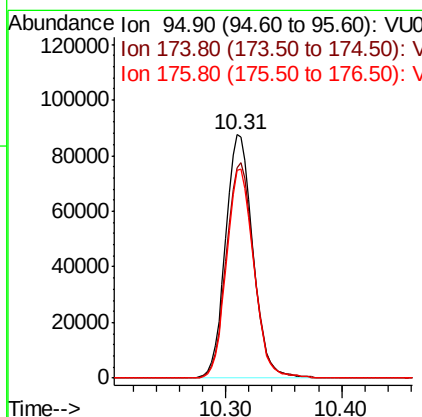
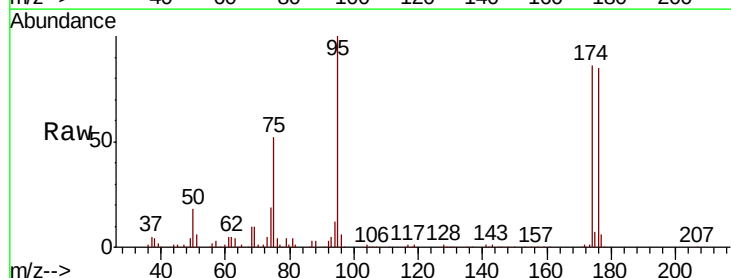
Instrument :
MSVOA_U
ClientSampleId :
VU0806WBL01

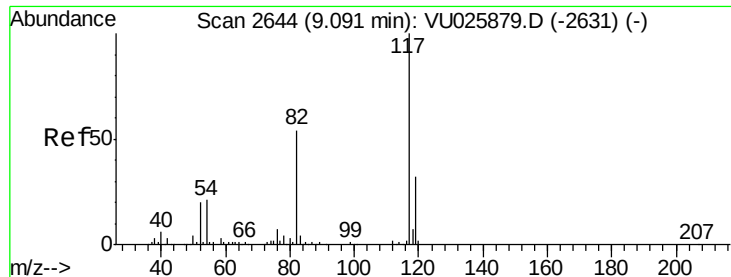
Tot Ion: 98 Resp: 415260
Ion Ratio Lower Upper
98 100
100 63.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 43.03 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025880.D
Acq: 06 Aug 2018 12:59

Tgt Ion: 95 Resp: 142129
Ion Ratio Lower Upper
95 100
174 89.6 0.0 172.2
176 85.7 0.0 162.6

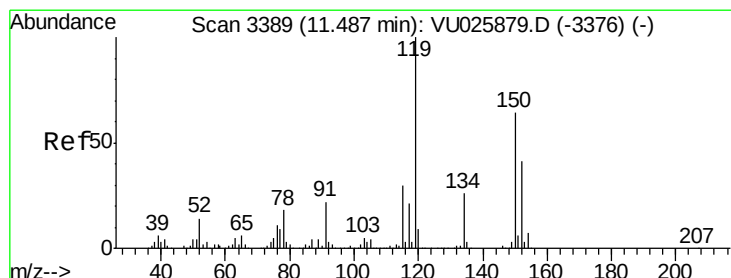
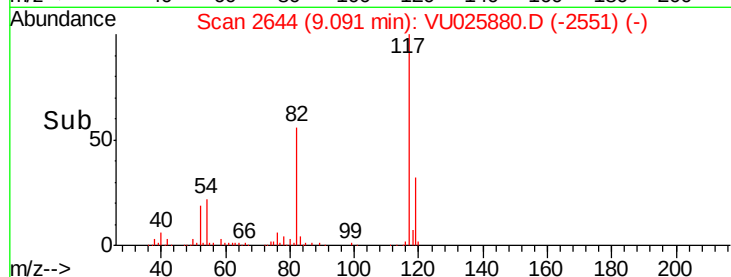
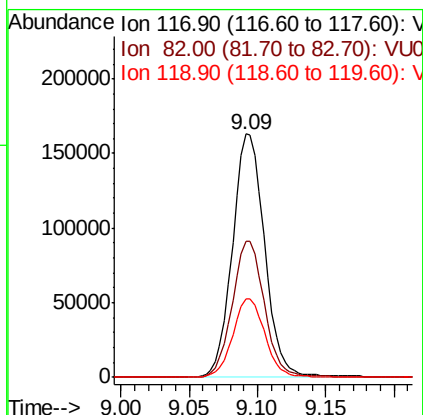
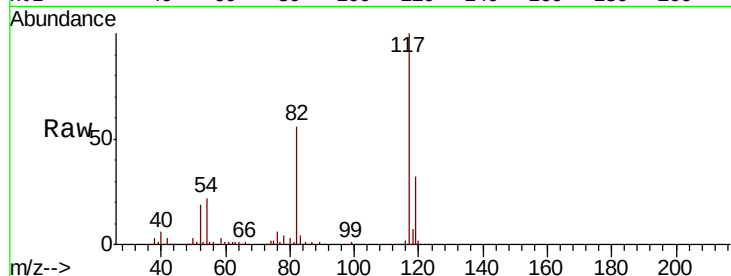




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025880.D
Acq: 06 Aug 2018 12:59

Instrument :
MSVOA_U
ClientSampleId :
VU0806WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.0	69.0
119	32.0	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025880.D
Acq: 06 Aug 2018 12:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	40.1	120.3
150	156.9	0.0	351.4

