

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025692.D
 Acq On : 28 Jul 2018 01:05
 Operator : MD/SY
 Sample : J4153-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB-01-180724

Quant Time: Jul 30 08:54:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 13:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	179732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	275095	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	268428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	163605	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	136826	48.86	ug/l	0.00
Spiked Amount						
			Recovery	=	97.72%	
35) Dibromofluoromethane	4.89	113	115328	48.20	ug/l	0.00
Spiked Amount						
			Recovery	=	96.40%	
50) Toluene-d8	7.57	98	400218	47.80	ug/l	0.00
Spiked Amount						
			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	10.31	95	155133	47.74	ug/l	0.00
Spiked Amount						
			Recovery	=	95.48%	

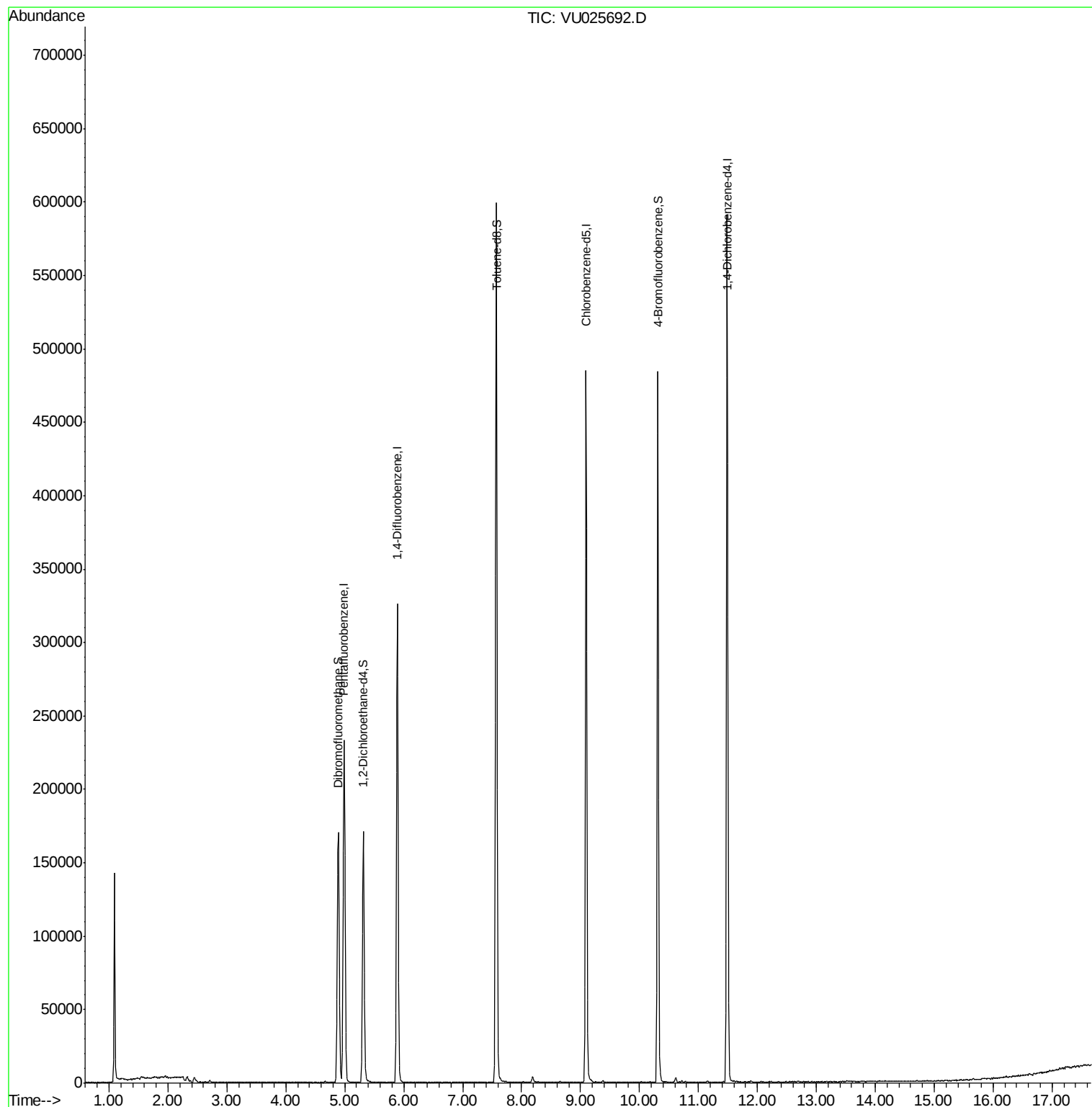
Target Compounds	Qvalue

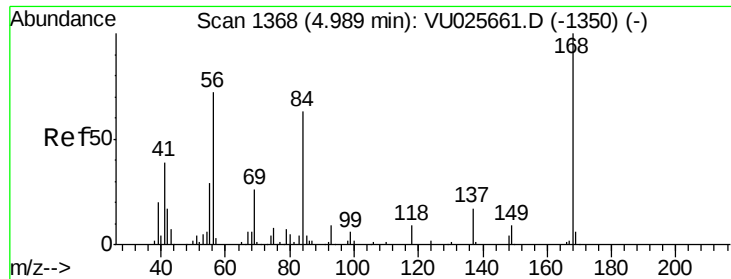
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025692.D

Acq: 28 Jul 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

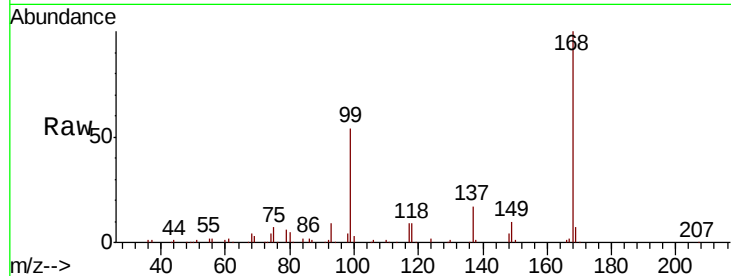
TB-01-180724

Tot Ion:168 Resp: 179732

Ion Ratio Lower Upper

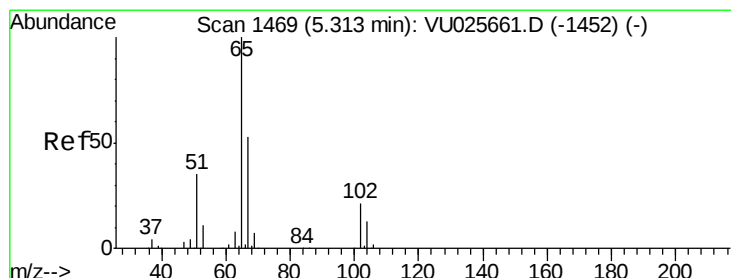
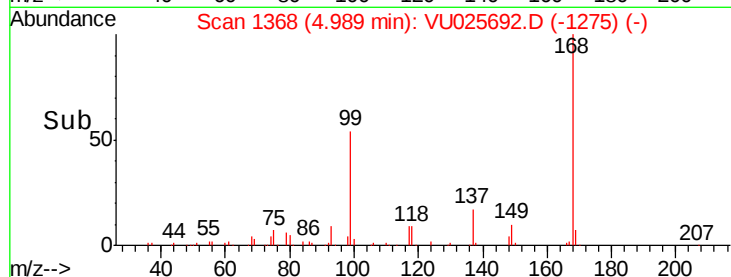
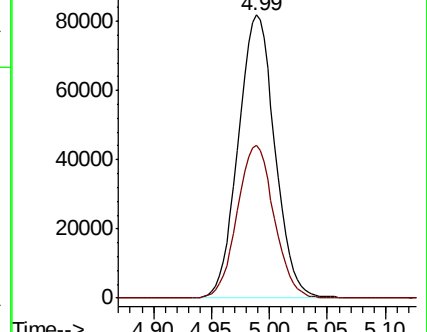
168 100

99 54.0 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025661.D (-1350) (-)

Ion 98.90 (98.60 to 99.60): VU025661.D (-1350) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.86 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025692.D

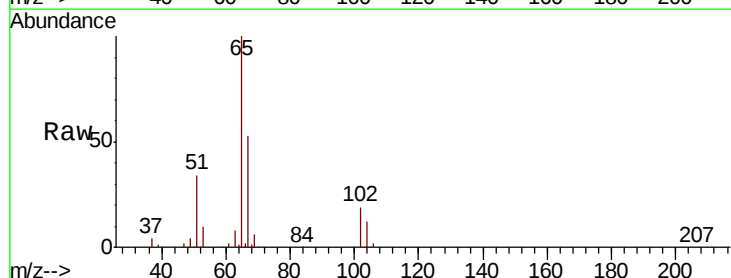
Acq: 28 Jul 2018 01:05

Tgt Ion: 65 Resp: 136826

Ion Ratio Lower Upper

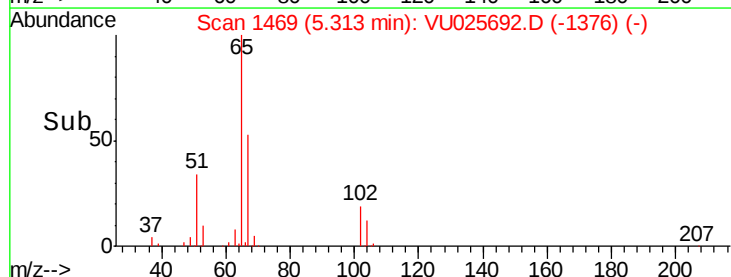
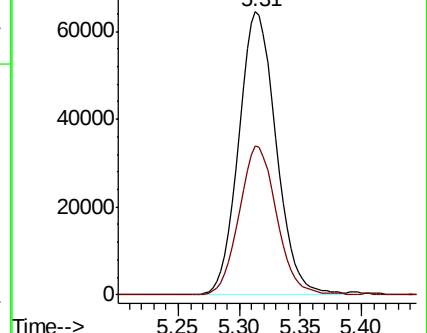
65 100

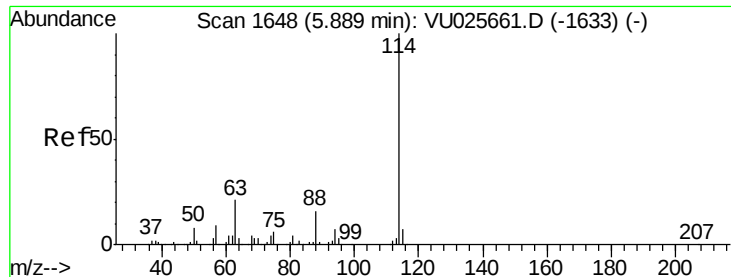
67 52.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU025661.D (-1452) (-)

Ion 66.90 (66.60 to 67.60): VU025661.D (-1452) (-)





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. 0.00 min

Lab File: VU025692.D

Acq: 28 Jul 2018 01:05

Instrument :

MSVOA_U

ClientSampleId :

TB-01-180724

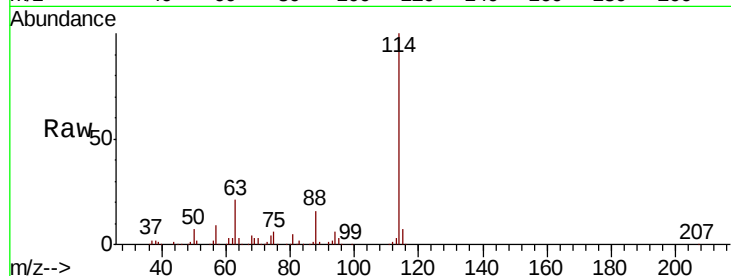
Tot Ion:114 Resp: 275095

Ion Ratio Lower Upper

114 100

63 21.2 0.0 41.6

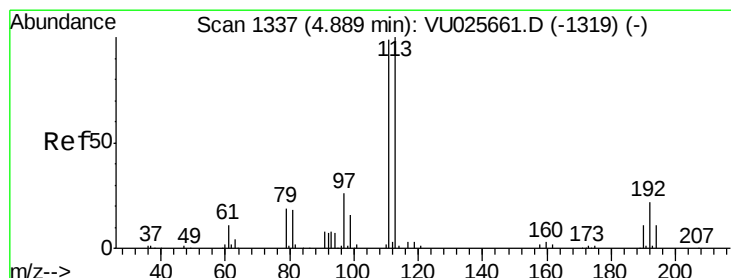
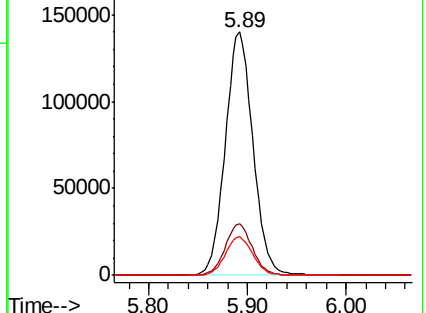
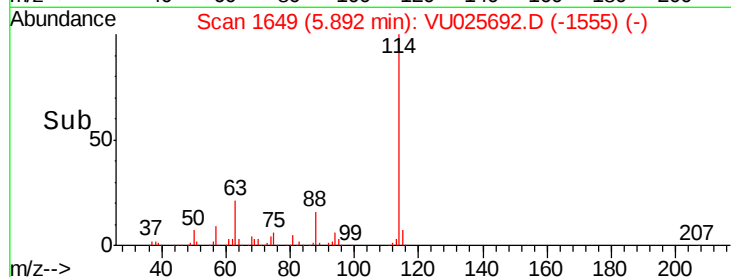
88 15.7 0.0 32.4



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: 48.20 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU025692.D

Acq: 28 Jul 2018 01:05

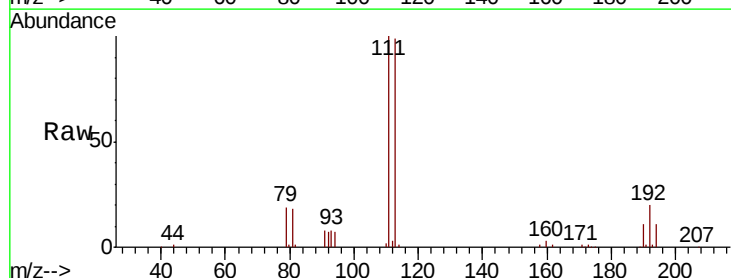
Tgt Ion:113 Resp: 115328

Ion Ratio Lower Upper

113 100

111 102.0 81.7 122.5

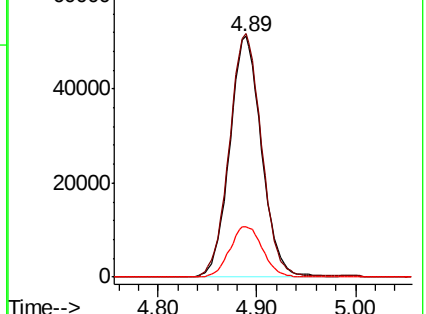
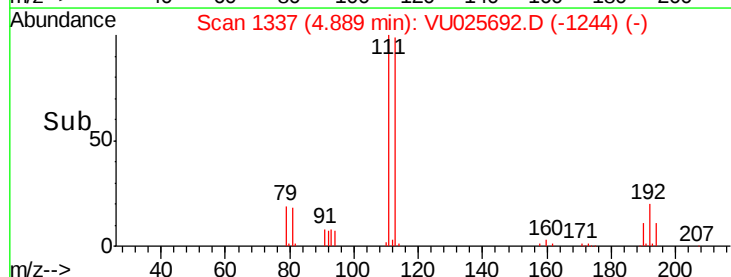
192 21.5 17.1 25.7

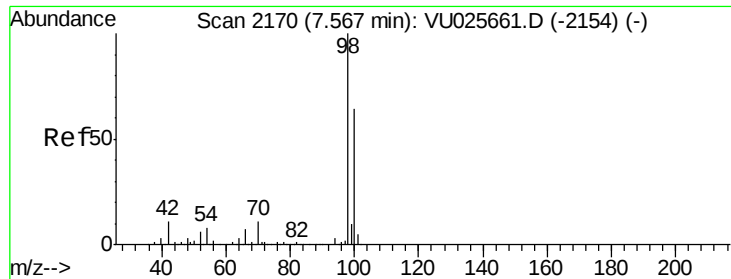


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

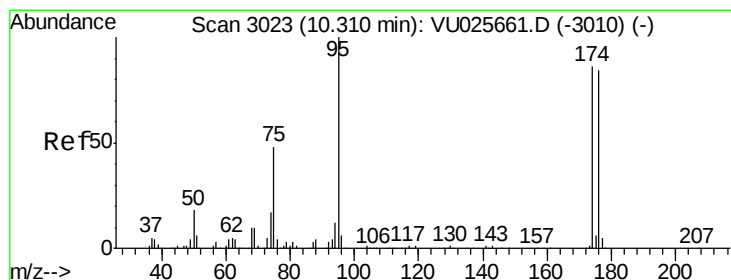
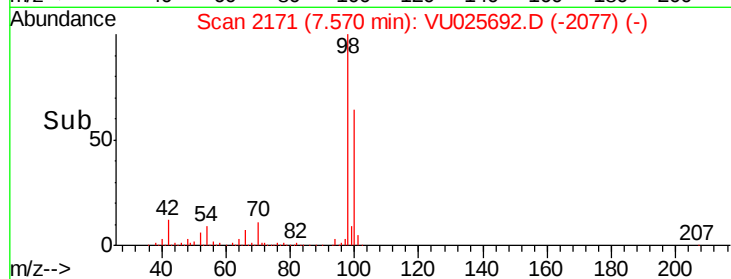
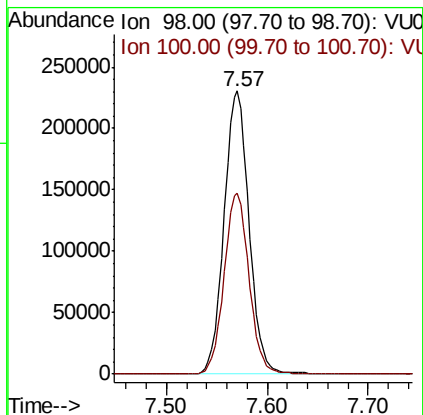
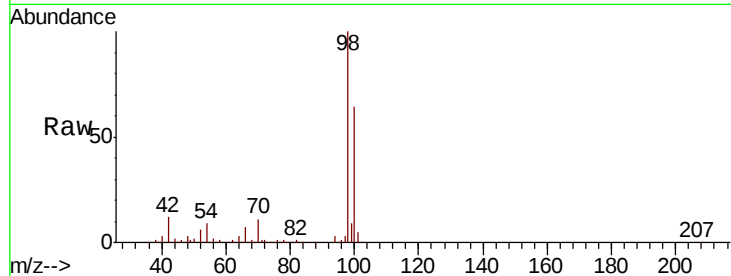




#50
Toluene-d8
Concen: 47.80 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025692.D
Acq: 28 Jul 2018 01:05

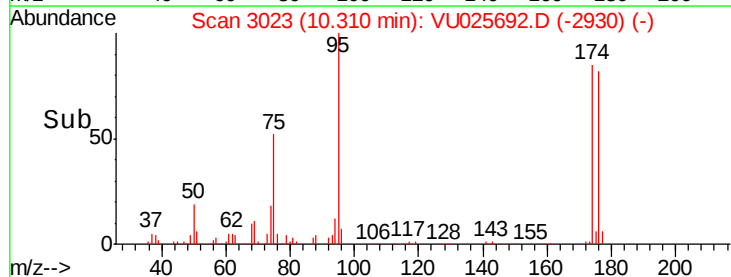
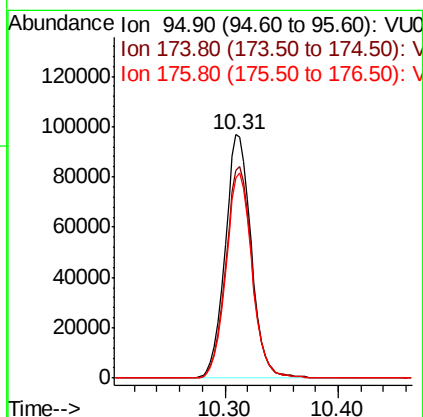
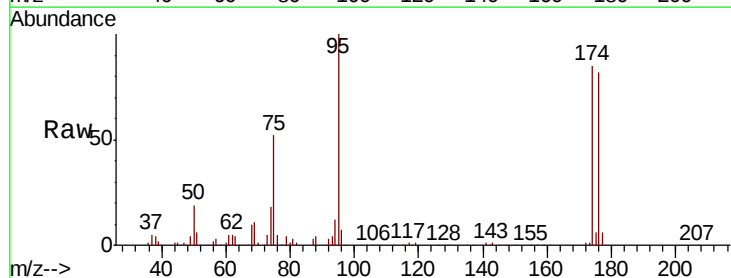
Instrument :
MSVOA_U
ClientSampleId :
TB-01-180724

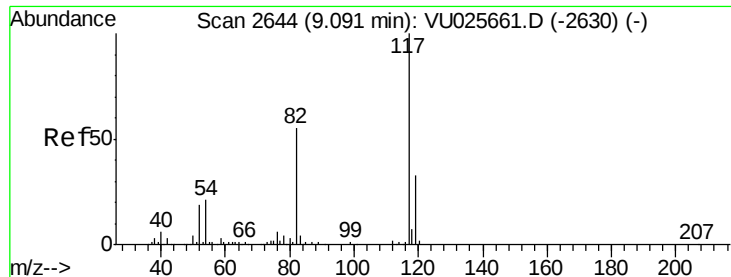
Tot Ion: 98 Resp: 400218
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 47.74 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025692.D
Acq: 28 Jul 2018 01:05

Tgt Ion: 95 Resp: 155133
Ion Ratio Lower Upper
95 100
174 87.8 0.0 172.2
176 84.3 0.0 162.6

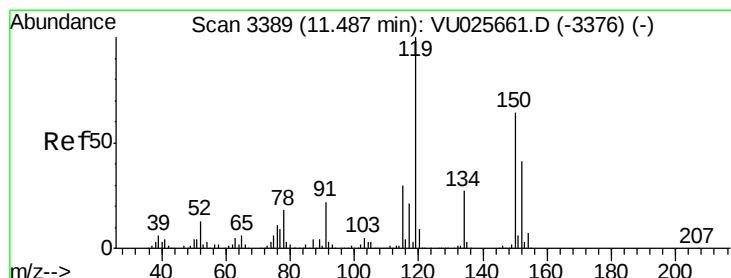
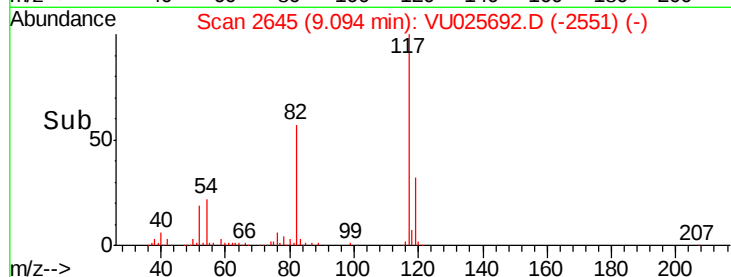
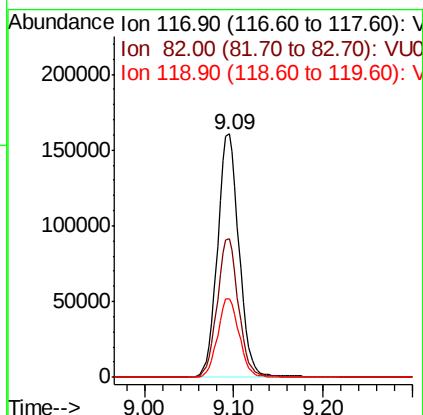
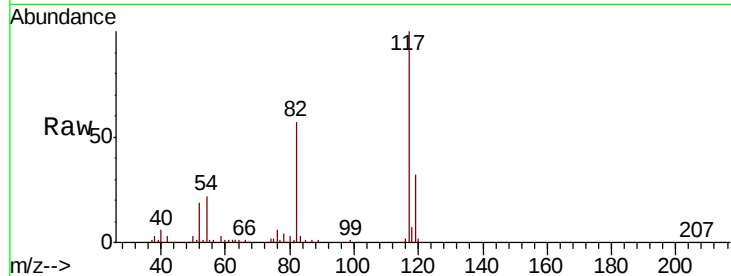




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025692.D
Acq: 28 Jul 2018 01:05

Instrument :
MSVOA_U
ClientSampleId :
TB-01-180724

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	32.5	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: VU025692.D
Acq: 28 Jul 2018 01:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	40.1	120.3
150	154.3	0.0	351.4

