

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024574.D
 Acq On : 15 Jun 2018 05:13
 Operator : MD/SY
 Sample : J3478-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0470-180611

Quant Time: Jun 15 05:57:13 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

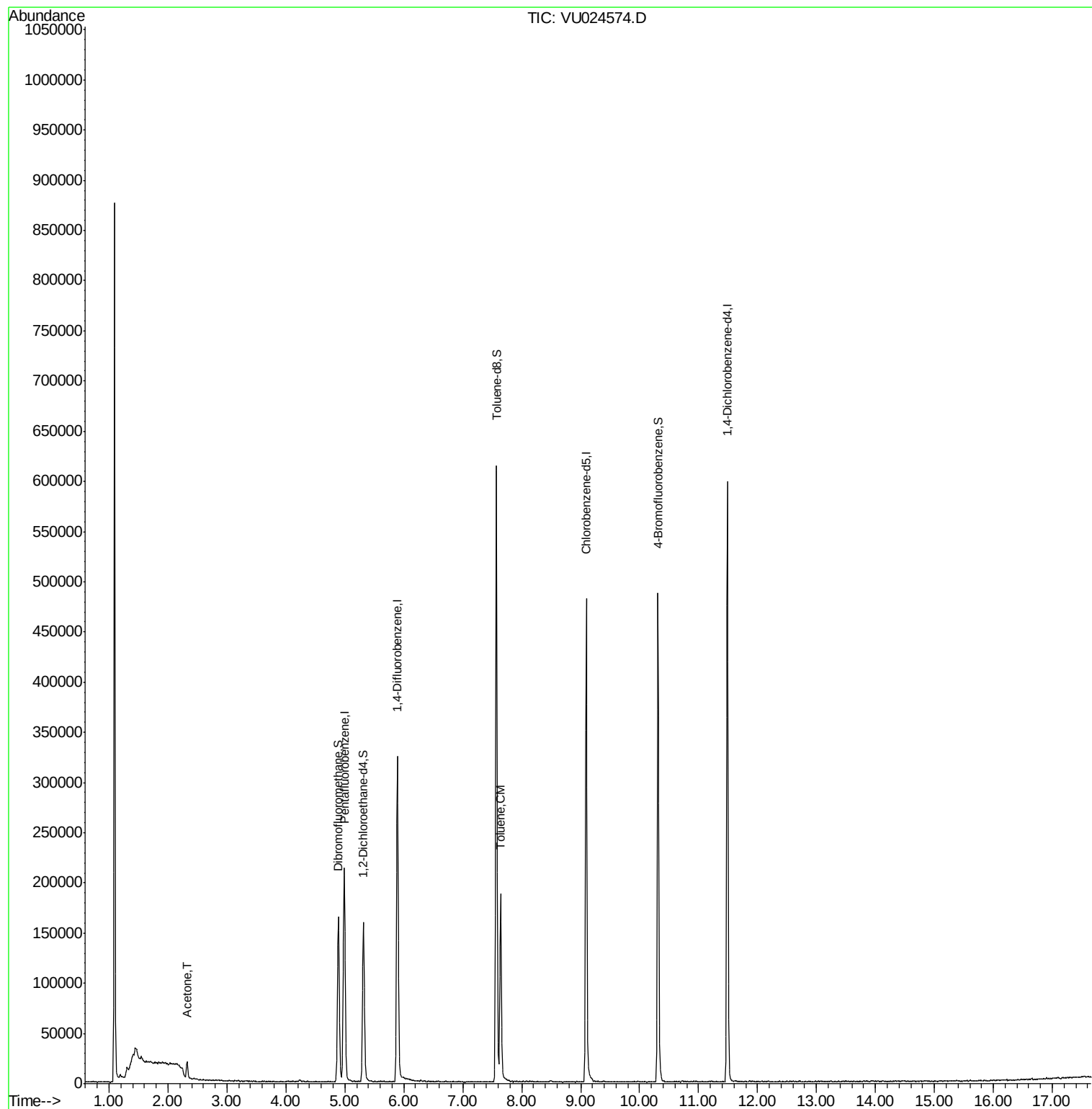
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	173847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	282582	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	276318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164603	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	123267	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
35) Dibromofluoromethane	4.89	113	114161	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	7.57	98	421938	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	10.31	95	164353	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
16) Acetone	2.32	43	17104	11.216	ug/l	98
52) Toluene	7.64	92	79701	13.093	ug/l	99

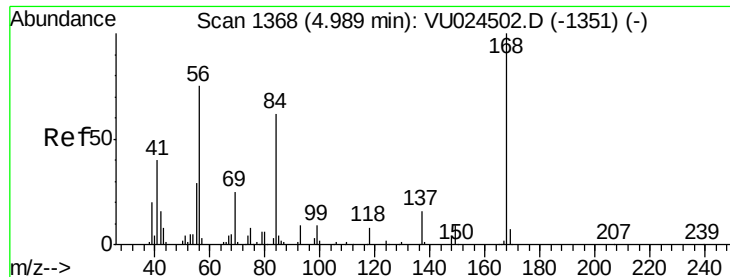
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024574.D

Acq: 15 Jun 2018 05:13

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ClientSampleId :

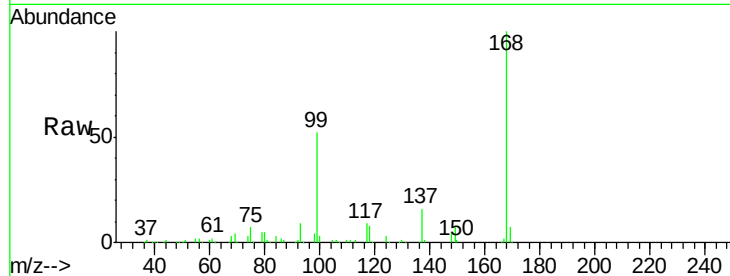
DUP-0470-180611

Tot Ion:168 Resp: 173847

Ion Ratio Lower Upper

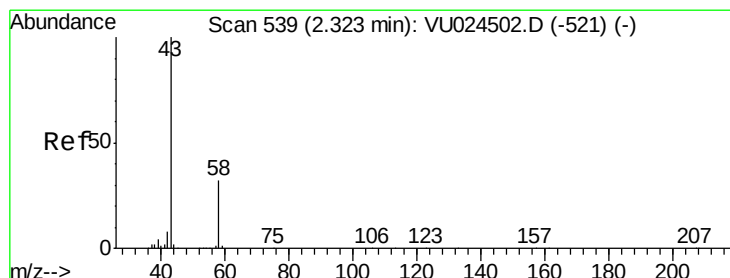
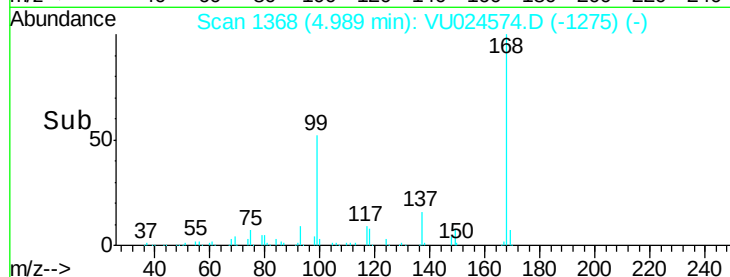
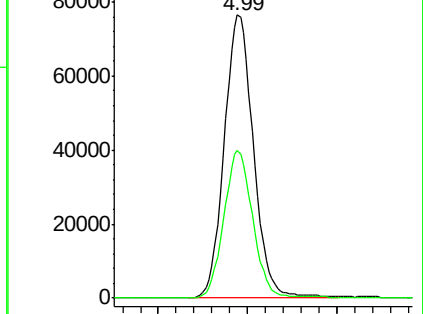
168 100

99 52.3 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) (-)



#16

Acetone

Concen: 11.216 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU024574.D

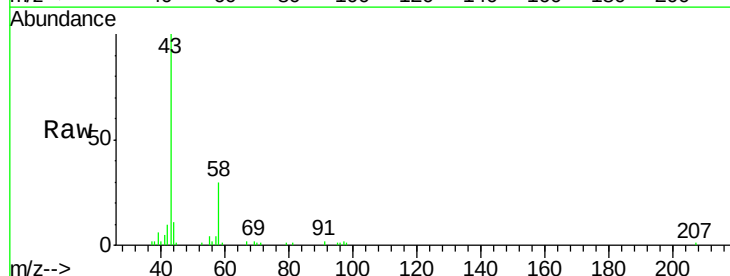
Acq: 15 Jun 2018 05:13

Tgt Ion: 43 Resp: 17104

Ion Ratio Lower Upper

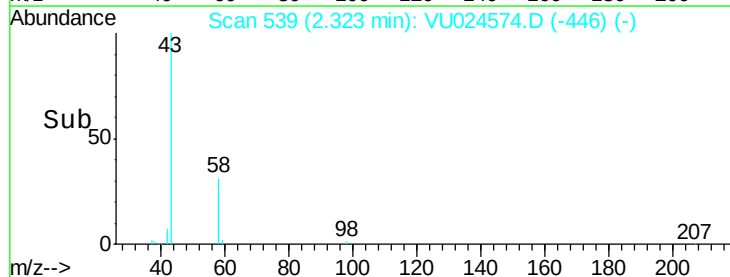
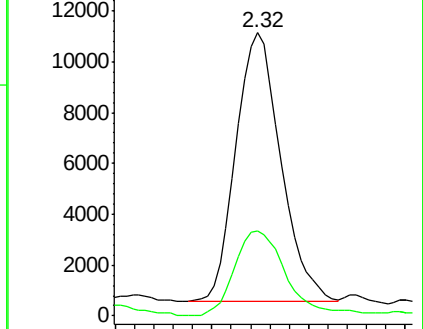
43 100

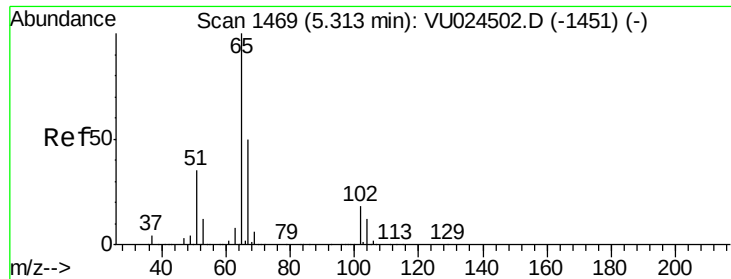
58 31.4 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

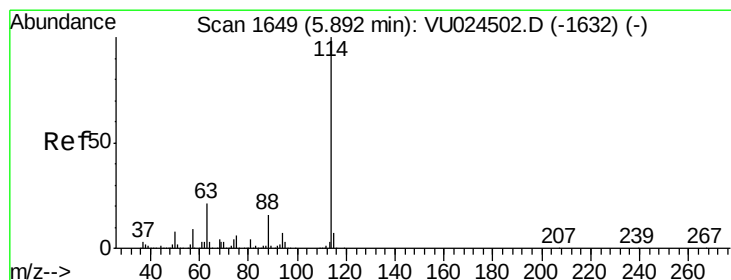
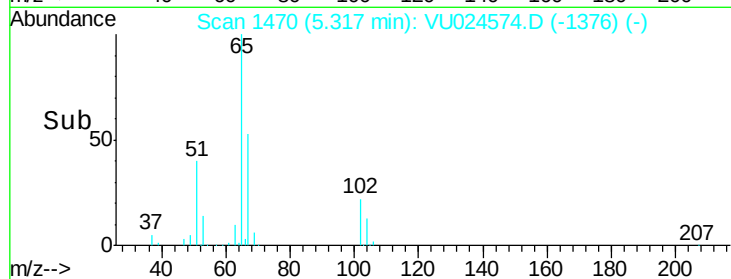
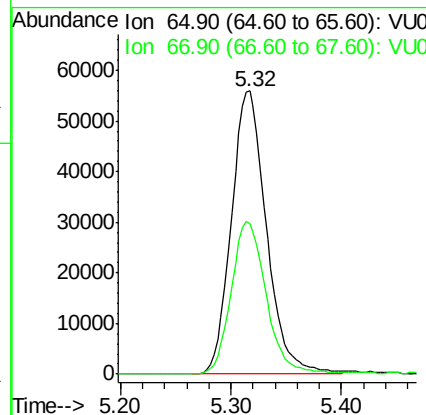
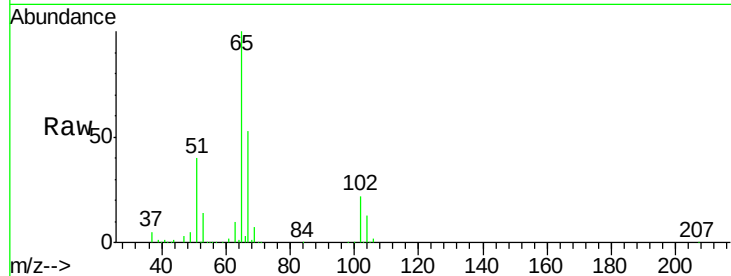




#33
 1,2-Dichloroethane-d4
 Concen: 43.433 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU024574.D
 Acq: 15 Jun 2018 05:13

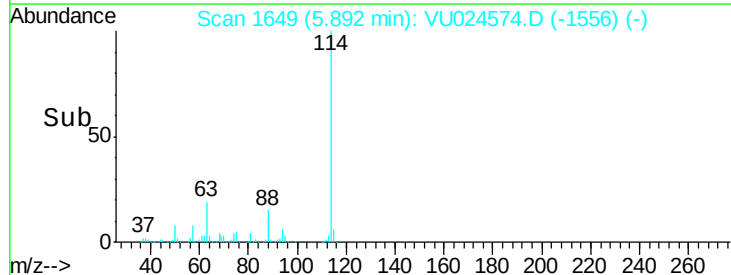
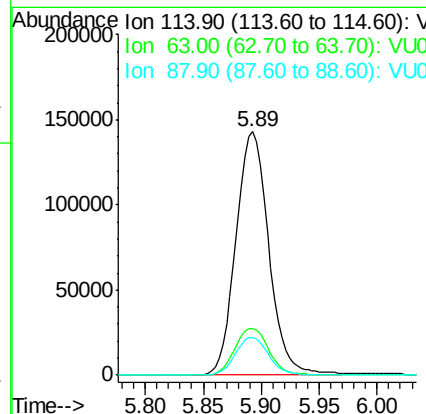
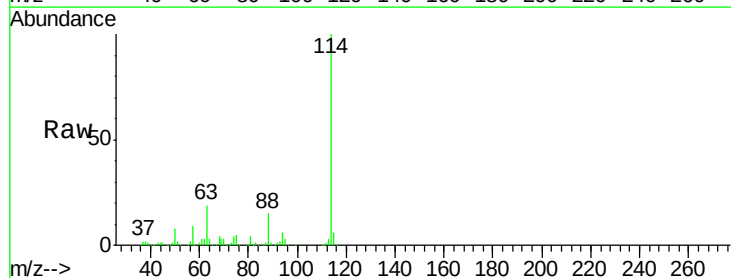
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0470-180611

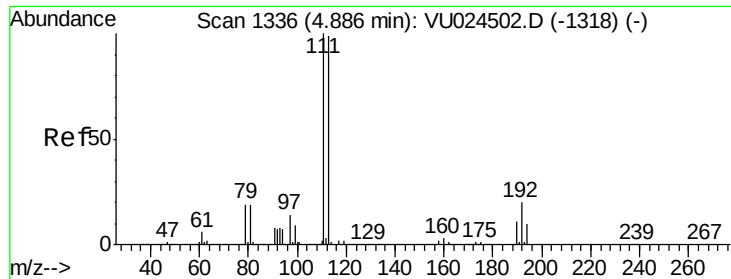
Tot Ion: 65 Resp: 123267
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024574.D
 Acq: 15 Jun 2018 05:13

Tgt Ion: 114 Resp: 282582
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 45.4
 88 15.4 0.0 31.0

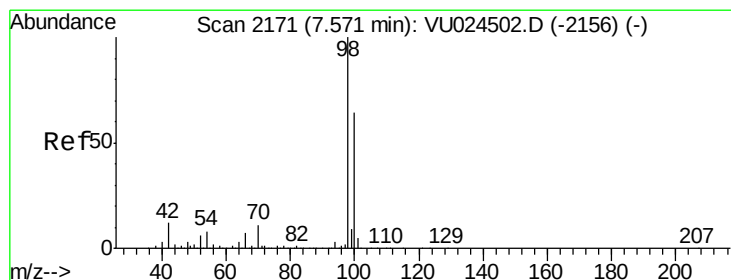
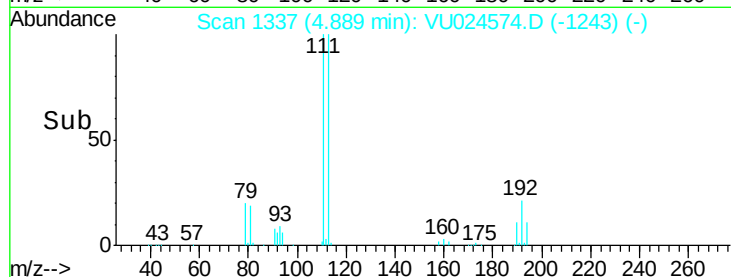
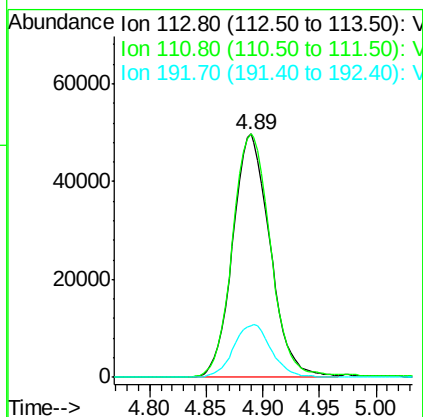
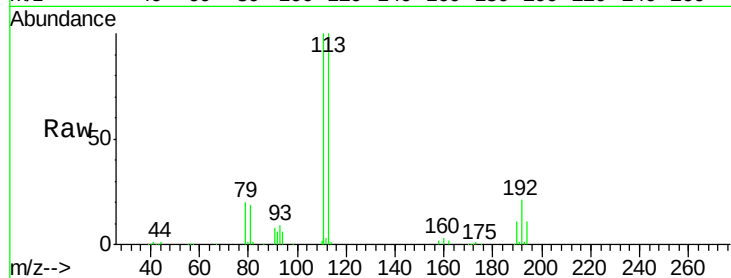




#35
 Dibromofluoromethane
 Concen: 48.678 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024574.D
 Acq: 15 Jun 2018 05:13

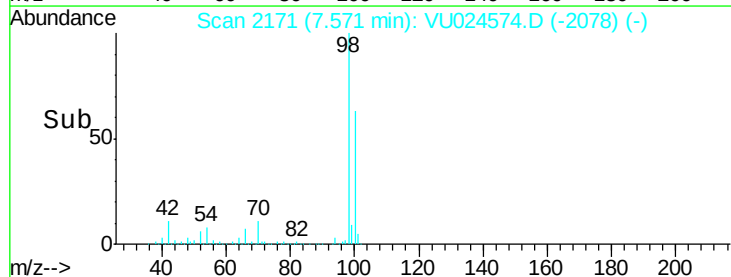
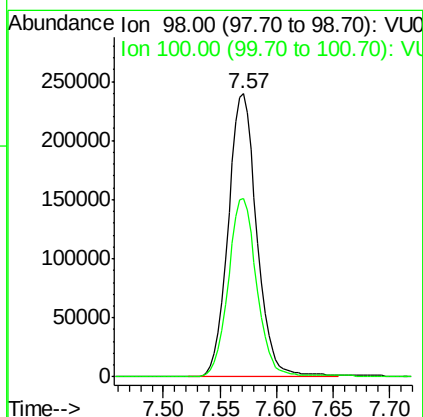
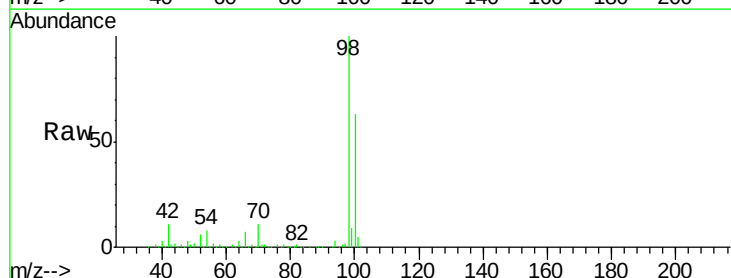
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0470-180611

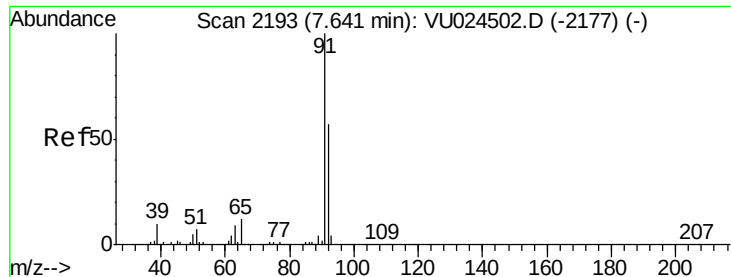
Tot Ion:113 Resp: 114161
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 22.2 16.2 24.4



#50
 Toluene-d8
 Concen: 49.324 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024574.D
 Acq: 15 Jun 2018 05:13

Tgt Ion: 98 Resp: 421938
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.1 76.7





#52

Toluene

Concen: 13.093 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024574.D

Acq: 15 Jun 2018 05:13

Instrument :

MSVOA_U

ClientSampleId :

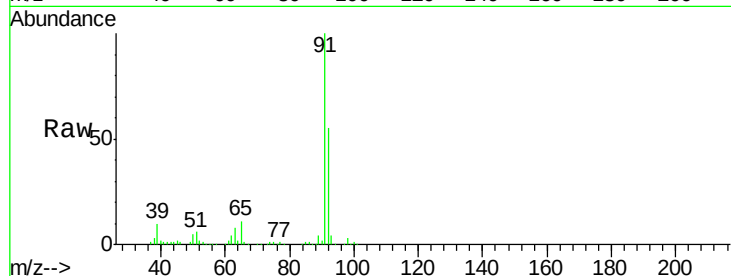
DUP-0470-180611

Tot Ion: 92 Resp: 79701

Ion Ratio Lower Upper

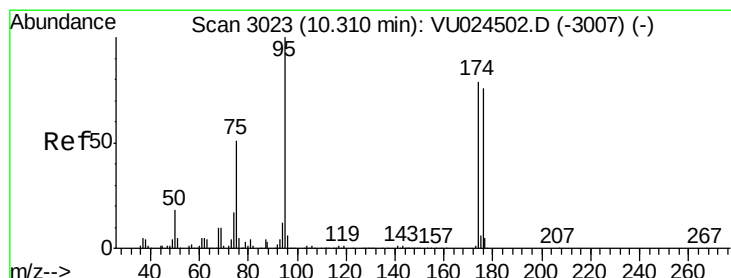
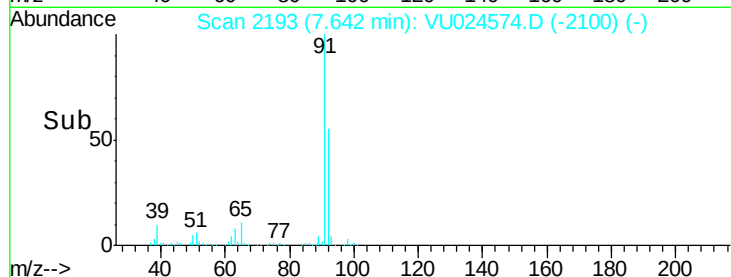
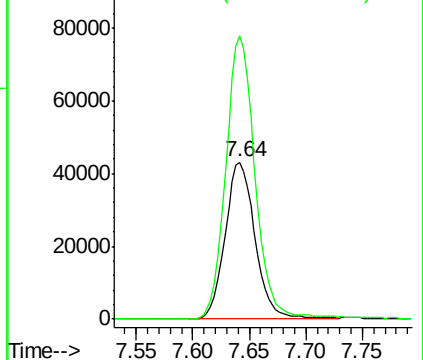
92 100

91 177.0 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 48.390 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024574.D

Acq: 15 Jun 2018 05:13

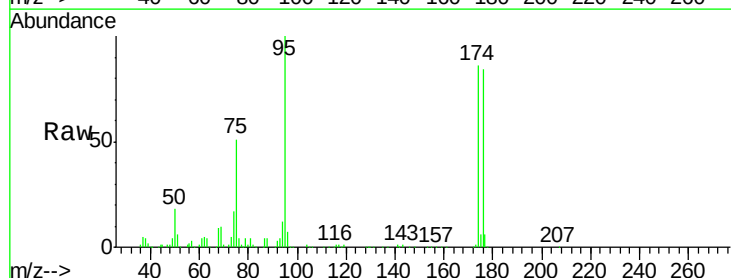
Tgt Ion: 95 Resp: 164353

Ion Ratio Lower Upper

95 100

174 86.2 0.0 165.8

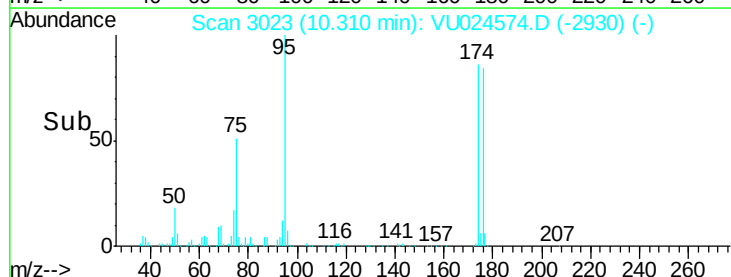
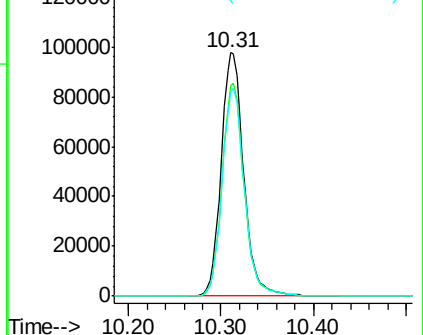
176 84.8 0.0 159.4

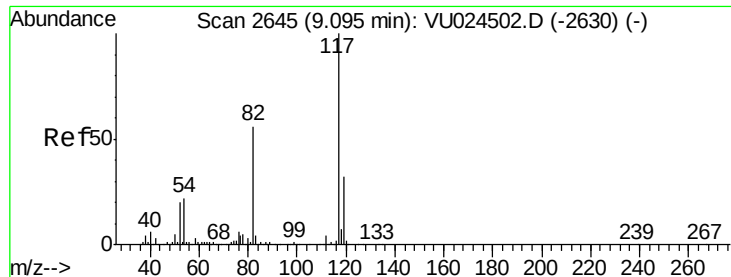


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

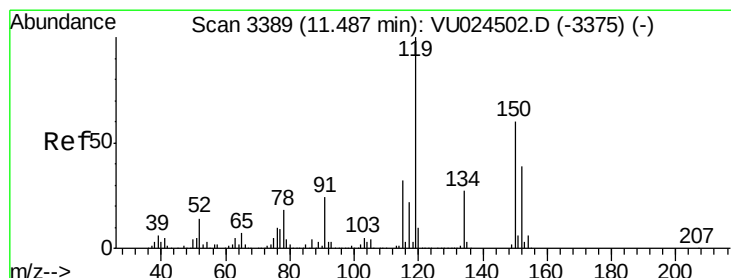
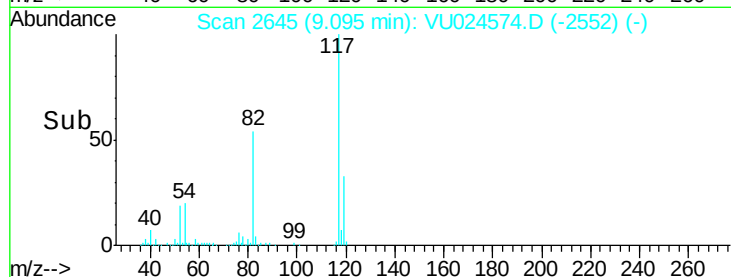
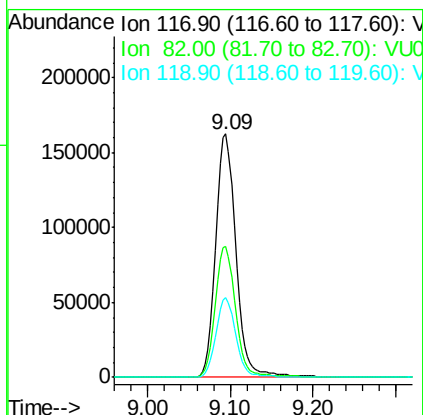
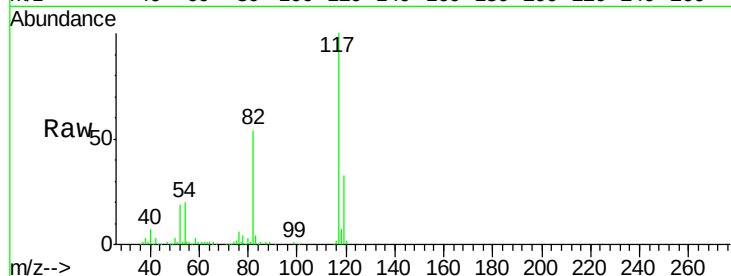




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024574.D
Acq: 15 Jun 2018 05:13

Instrument :
MSVOA_U
ClientSampleId :
DUP-0470-180611

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.3	66.5
119	32.6	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: VU024574.D
Acq: 15 Jun 2018 05:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	43.0	129.0
150	155.0	0.0	354.0

