

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025703.D
 Acq On : 28 Jul 2018 05:22
 Operator : MD/SY
 Sample : J4069-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0489-180718

Quant Time: Jul 30 09:04:47 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	170421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	269773	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	264485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	159324	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	136210	51.30	ug/l	0.00
Spiked Amount			Recovery	=	102.60%	
35) Dibromofluoromethane	4.89	113	114170	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
50) Toluene-d8	7.57	98	391995	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	10.31	95	152903	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	

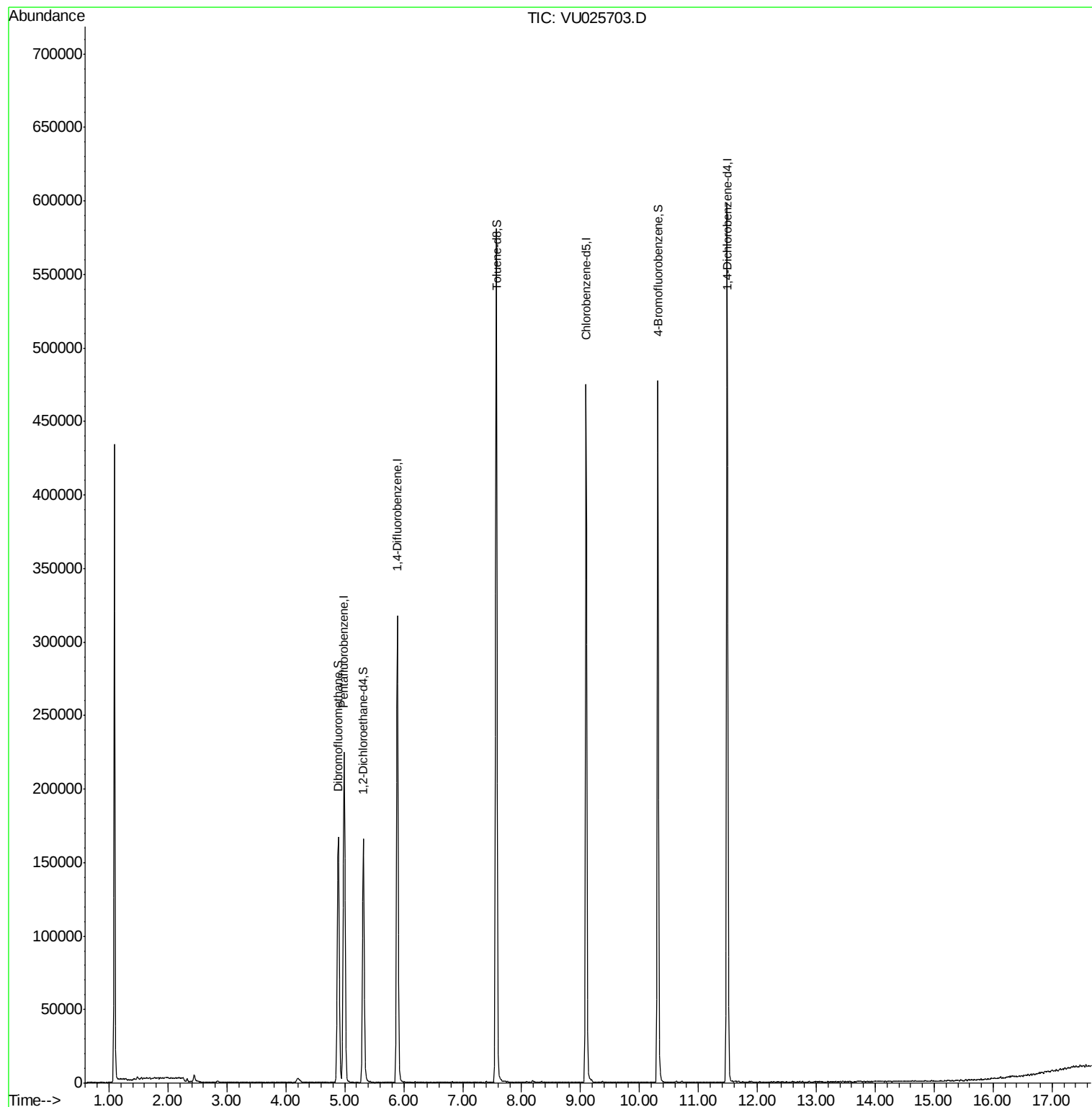
Target Compounds	Qvalue
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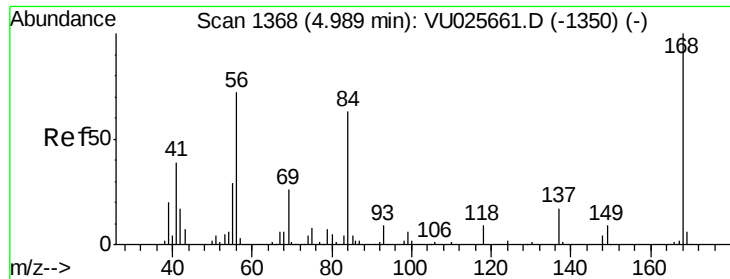
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025703.D

Acq: 28 Jul 2018 05:22

Instrument :

MSVOA_U

ClientSampleId :

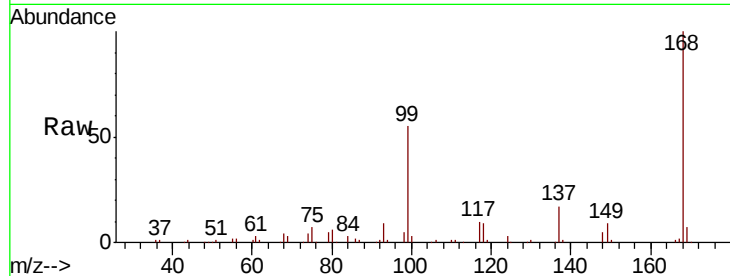
DUP-0489-180718

Tot Ion:168 Resp: 170421

Ion Ratio Lower Upper

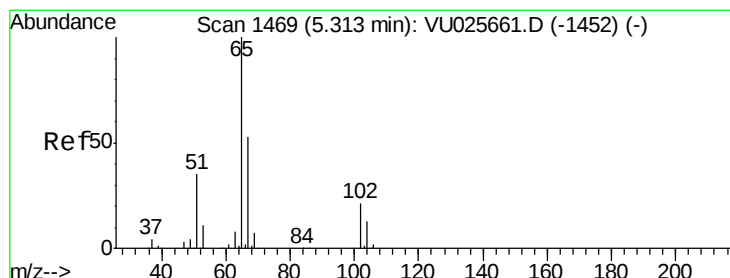
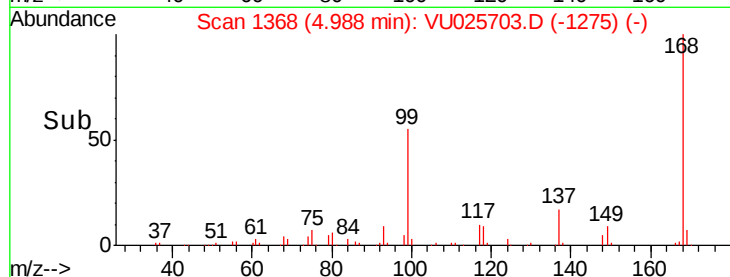
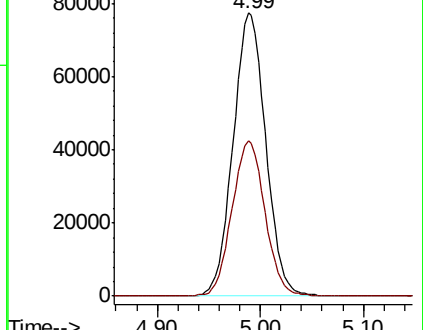
168 100

99 55.1 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: 51.30 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025703.D

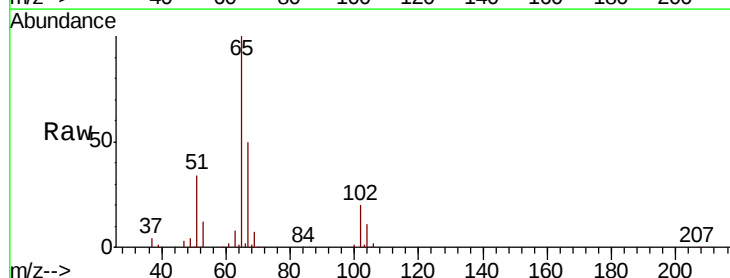
Acq: 28 Jul 2018 05:22

Tgt Ion: 65 Resp: 136210

Ion Ratio Lower Upper

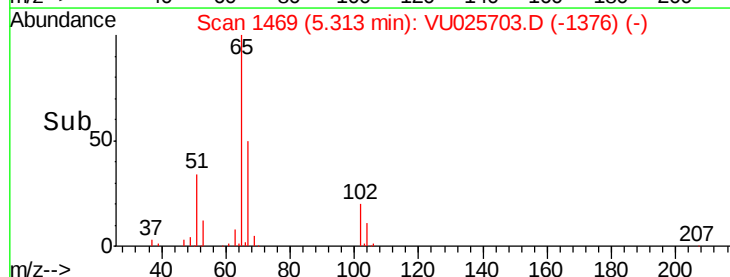
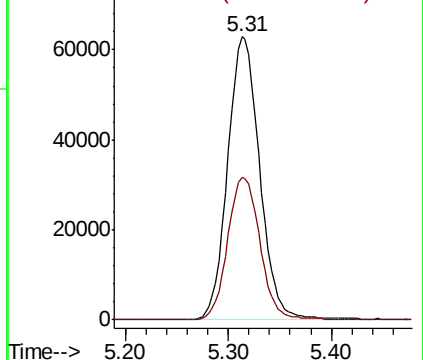
65 100

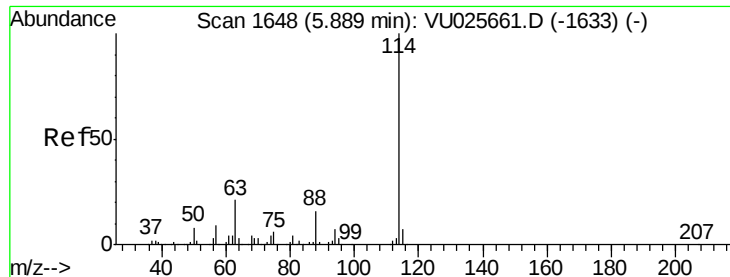
67 50.9 0.0 103.6



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

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

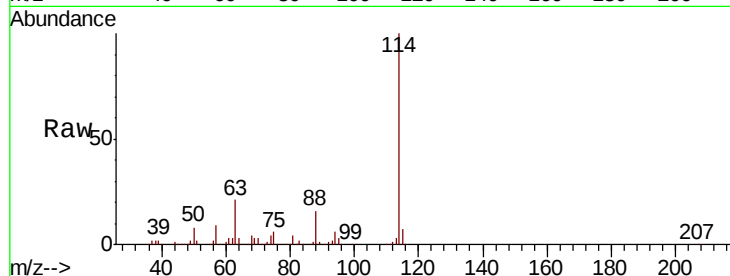




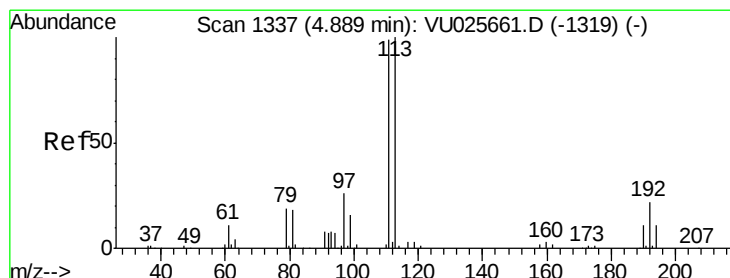
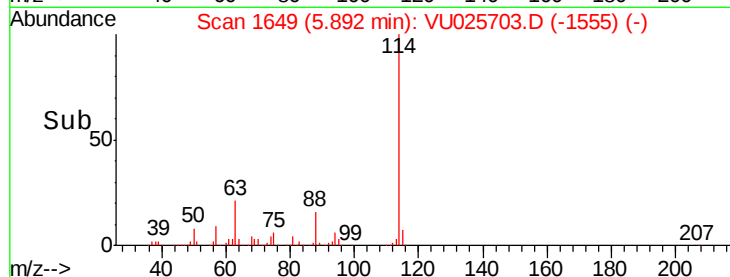
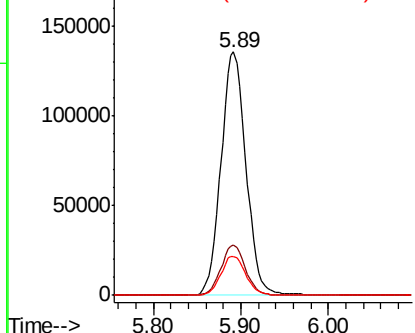
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU025703.D
 Acq: 28 Jul 2018 05:22

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP-0489-180718

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.6
88	16.0	0.0	32.4

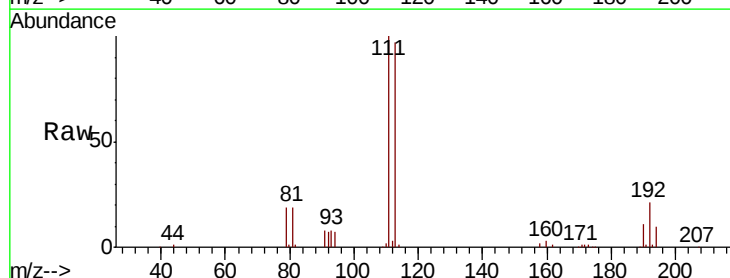


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

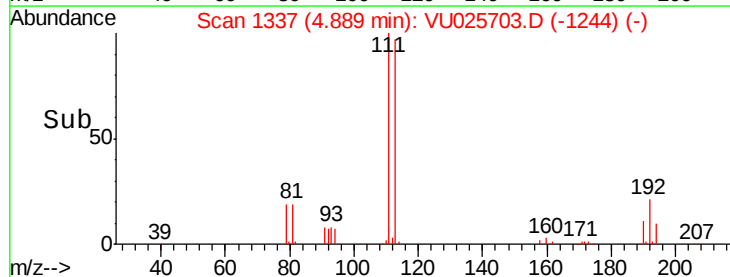
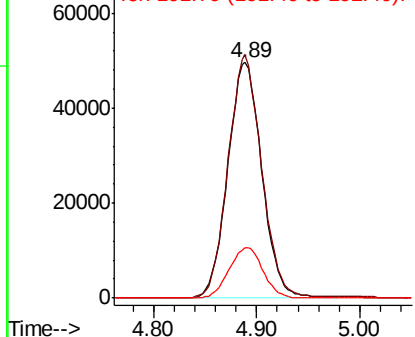


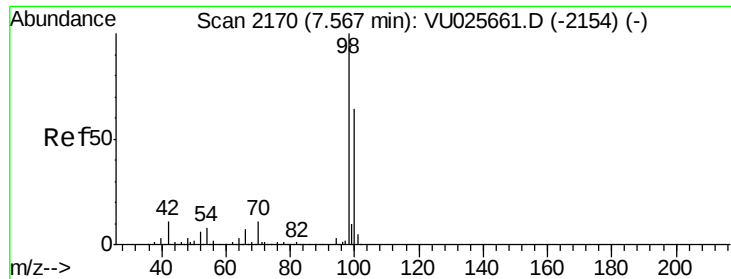
#35
 Dibromofluoromethane
 Concen: 48.66 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VU025703.D
 Acq: 28 Jul 2018 05:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.7	122.5
192	21.2	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

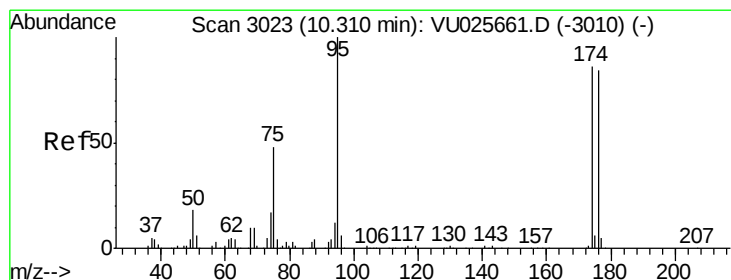
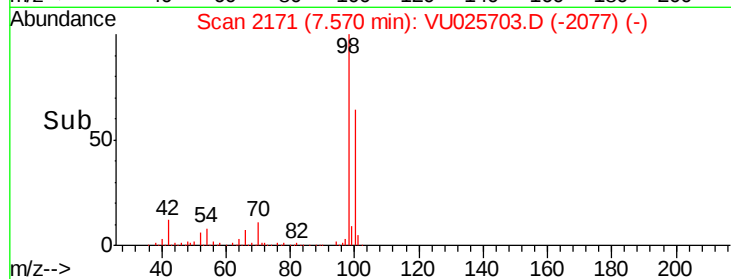
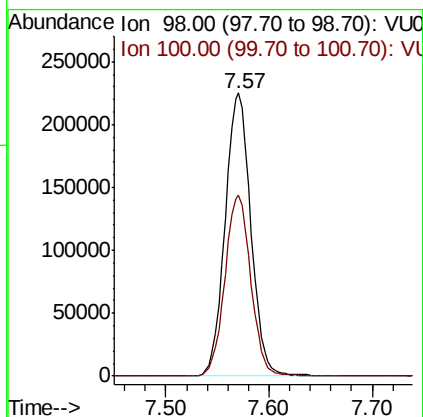
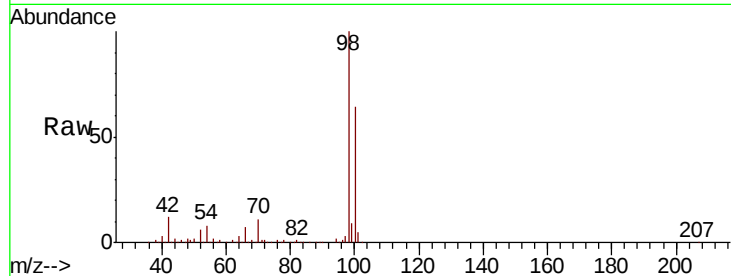




#50
Toluene-d8
Concen: 47.74 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU025703.D
Acq: 28 Jul 2018 05:22

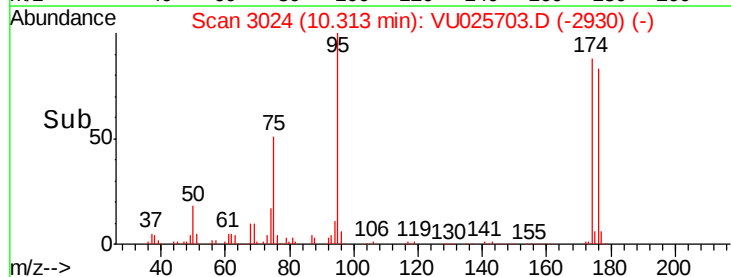
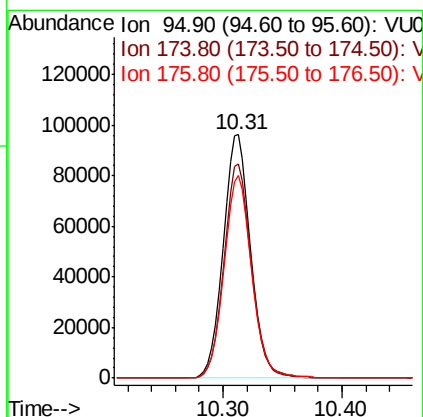
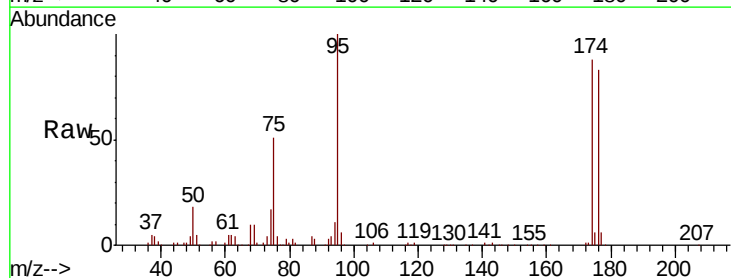
Instrument :
MSVOA_U
ClientSampleId :
DUP-0489-180718

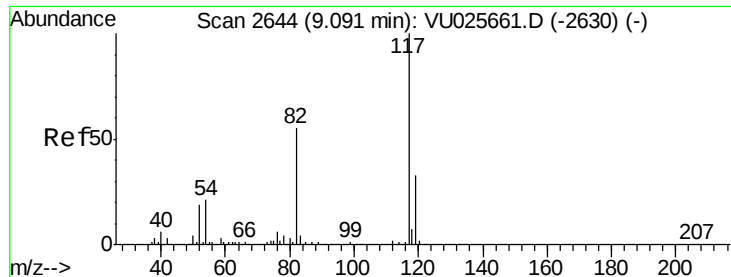
Tot Ion: 98 Resp: 391995
Ion Ratio Lower Upper
98 100
100 64.5 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 47.98 ug/l
RT: 10.31 min Scan# 3024
Delta R.T. 0.00 min
Lab File: VU025703.D
Acq: 28 Jul 2018 05:22

Tgt Ion: 95 Resp: 152903
Ion Ratio Lower Upper
95 100
174 88.4 0.0 172.2
176 84.2 0.0 162.6

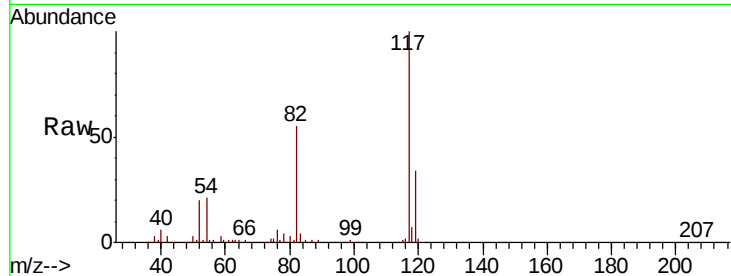




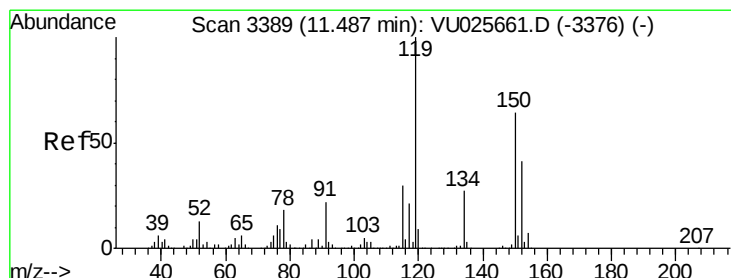
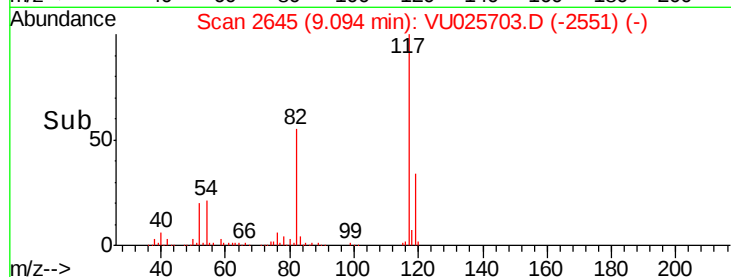
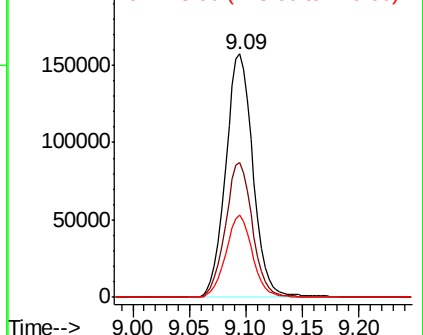
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025703.D
Acq: 28 Jul 2018 05:22

Instrument :
MSVOA_U
ClientSampleId :
DUP-0489-180718

Tot Ion:117 Resp: 264485
Ion Ratio Lower Upper
117 100
82 55.4 46.0 69.0
119 33.7 26.0 39.0

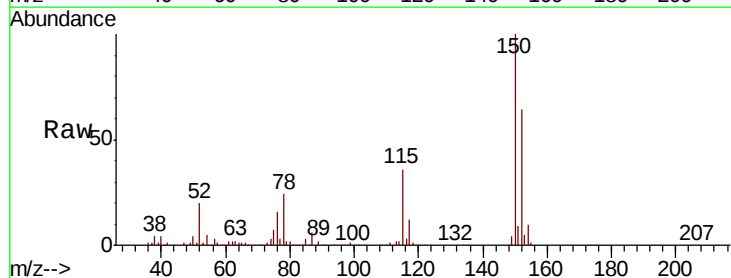


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025703.D
Acq: 28 Jul 2018 05:22

Tgt Ion:152 Resp: 159324
Ion Ratio Lower Upper
152 100
115 57.4 40.1 120.3
150 157.8 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

