

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028724.D
 Acq On : 17 Dec 2018 16:43
 Operator : MD/SY
 Sample : J6446-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-RB-181214

Quant Time: Dec 18 04:35:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	90484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	160328	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	141841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53496	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70245	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	4.88	113	53946	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
50) Toluene-d8	7.57	98	203948	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	10.31	95	64700	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	

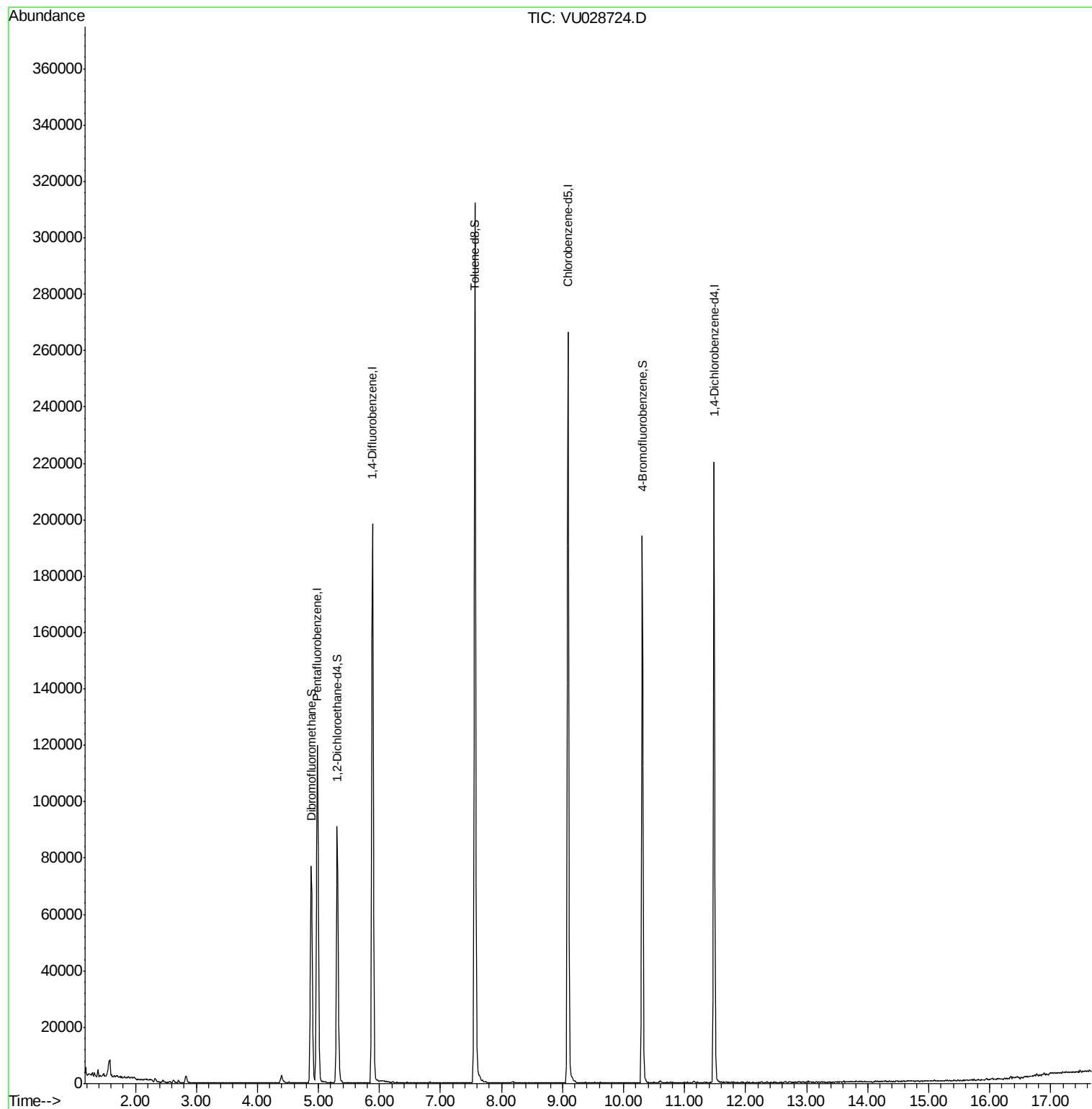
Target Compounds	Qvalue
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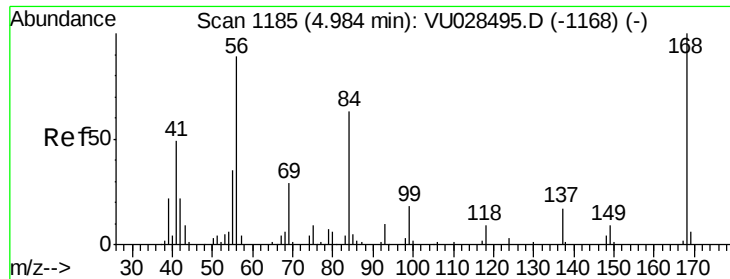
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028724.D

Acq: 17 Dec 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

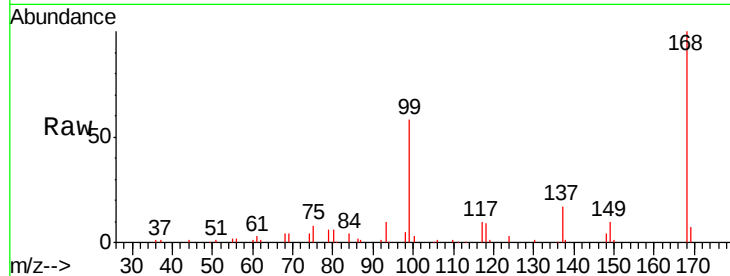
P001-RB-181214

Tgt Ion:168 Resp: 90484

Ion Ratio Lower Upper

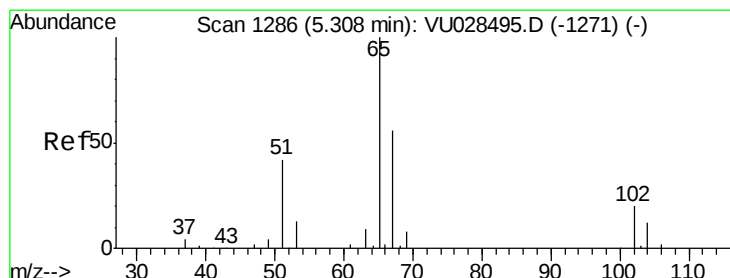
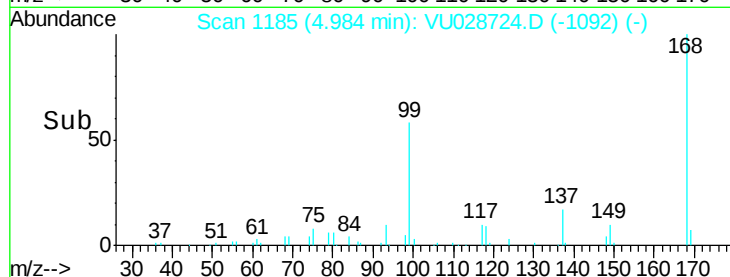
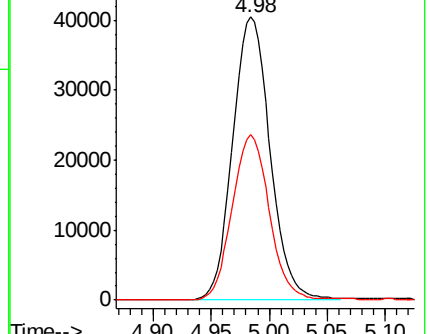
168 100

99 58.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D

Ion 98.90 (98.60 to 99.60): VU028495.D



#33

1,2-Dichloroethane-d4

Concen: 50.871 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU028724.D

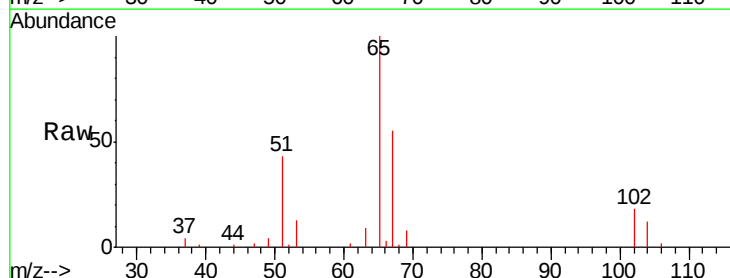
Acq: 17 Dec 2018 16:43

Tgt Ion: 65 Resp: 70245

Ion Ratio Lower Upper

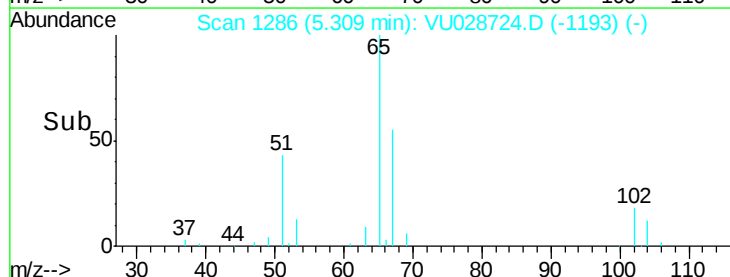
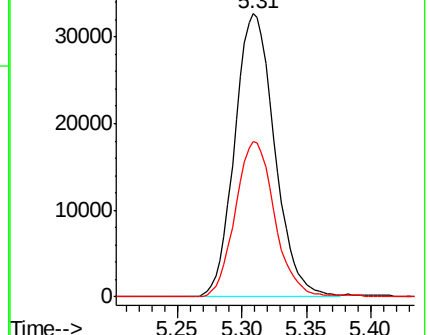
65 100

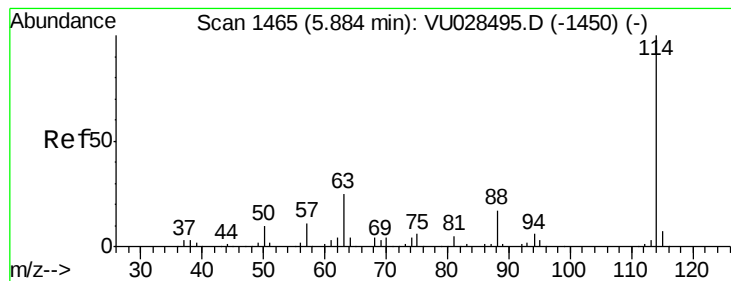
67 54.2 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D

Ion 66.90 (66.60 to 67.60): VU028495.D





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. 0.00 min

Lab File: VU028724.D

Acq: 17 Dec 2018 16:43

Instrument :

MSVOA_U

ClientSampleId :

P001-RB-181214

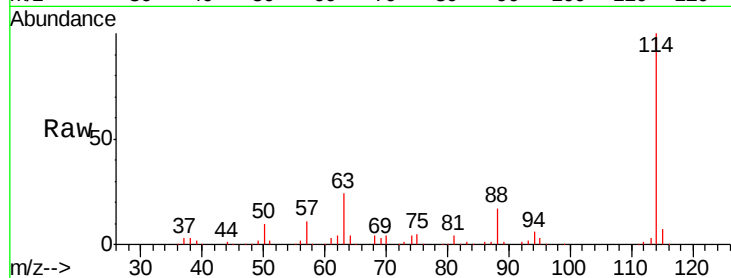
Tgt Ion:114 Resp: 160328

Ion Ratio Lower Upper

114 100

63 23.9 0.0 49.2

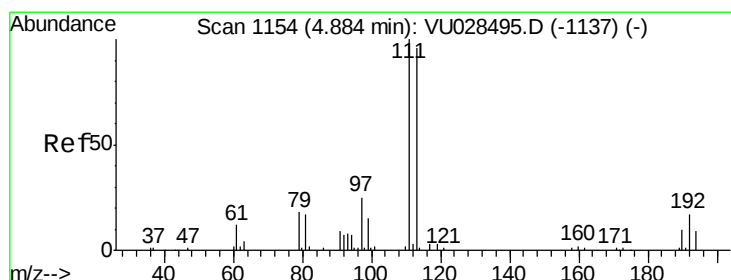
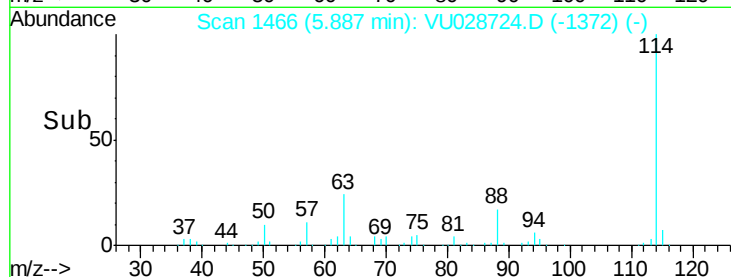
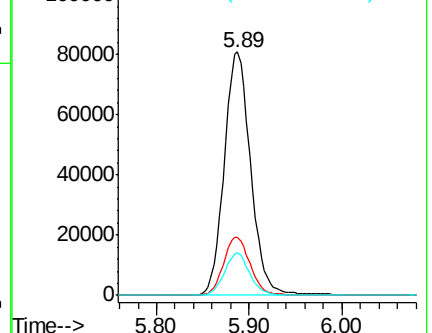
88 17.3 0.0 33.4



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: 53.467 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU028724.D

Acq: 17 Dec 2018 16:43

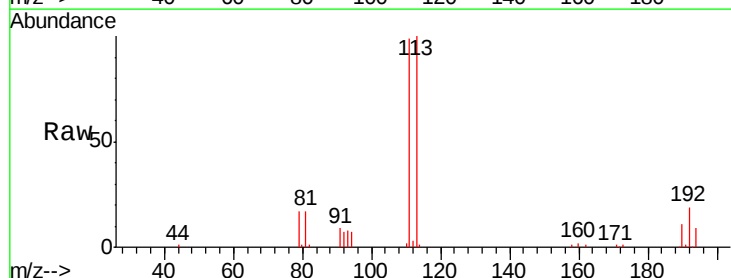
Tgt Ion:113 Resp: 53946

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.0

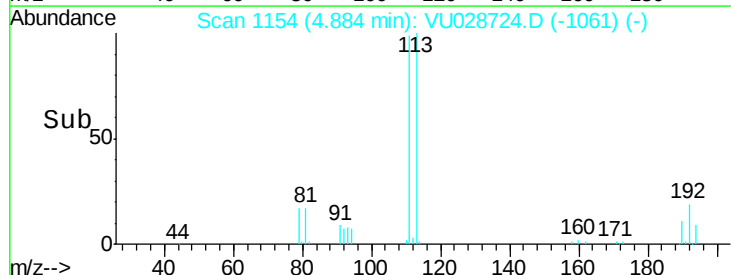
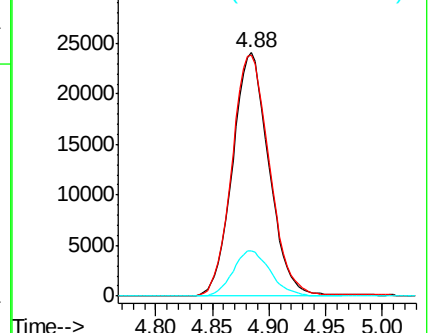
192 19.1 14.8 22.2

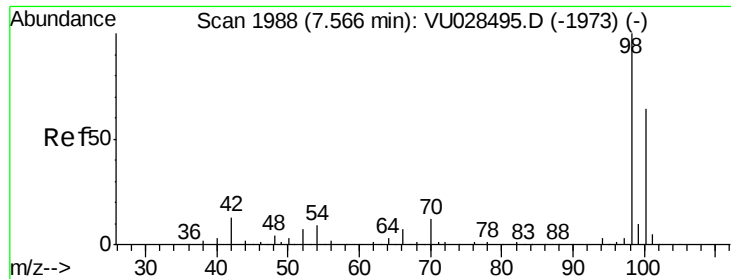


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

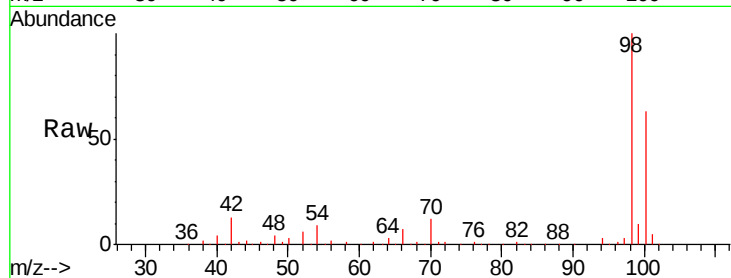




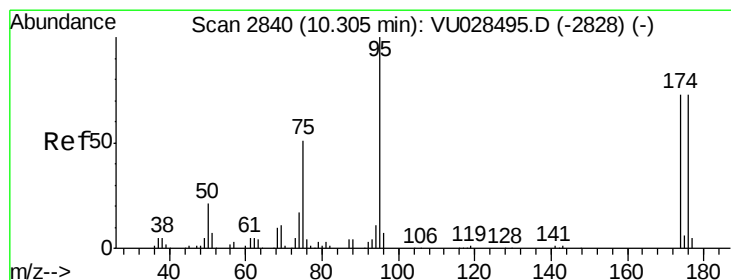
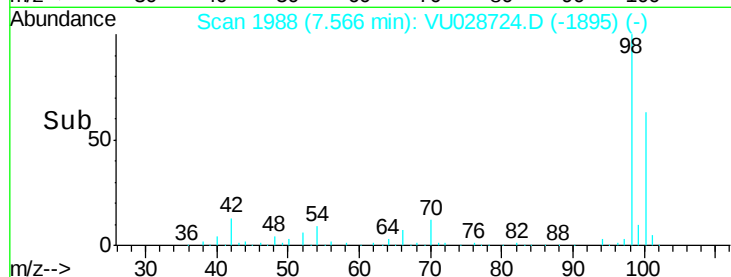
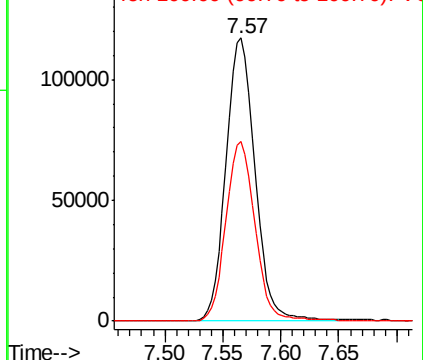
#50
Toluene-d8
Concen: 51.099 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028724.D
Acq: 17 Dec 2018 16:43

Instrument :
MSVOA_U
ClientSampleId :
P001-RB-181214

Tgt Ion: 98 Resp: 203948
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6

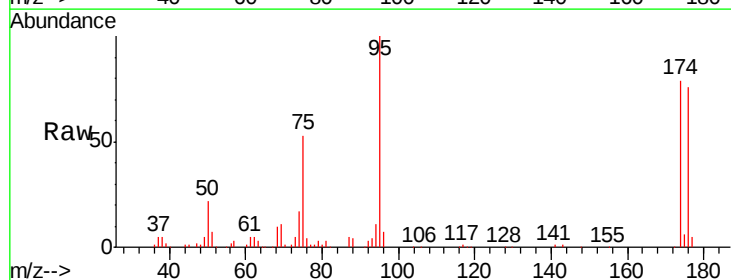


Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)
Ion 100.00 (99.70 to 100.70): VU028724.D (-1895) (-)

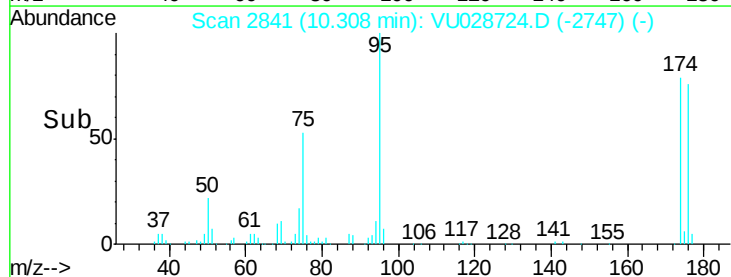
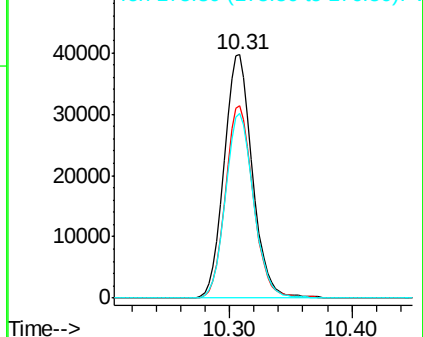


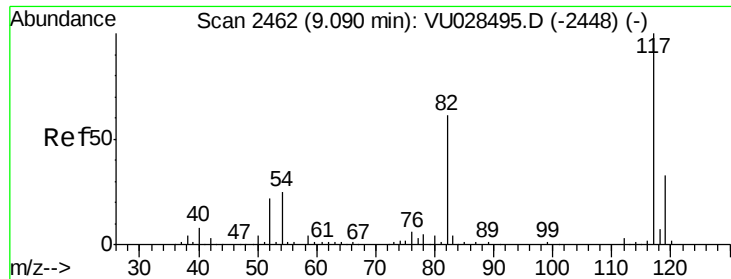
#62
4-Bromofluorobenzene
Concen: 43.371 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028724.D
Acq: 17 Dec 2018 16:43

Tgt Ion: 95 Resp: 64700
Ion Ratio Lower Upper
95 100
174 77.7 0.0 150.4
176 75.5 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU028724.D (-2747) (-)
Ion 175.80 (175.50 to 176.50): VU028724.D (-2747) (-)

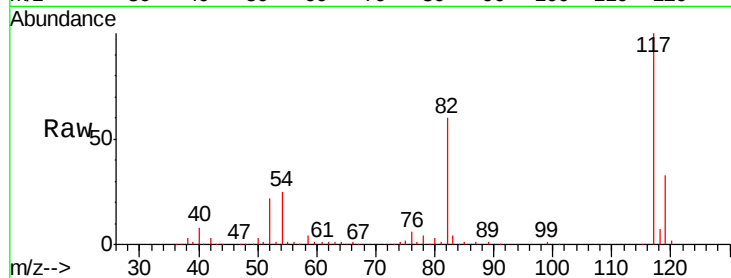




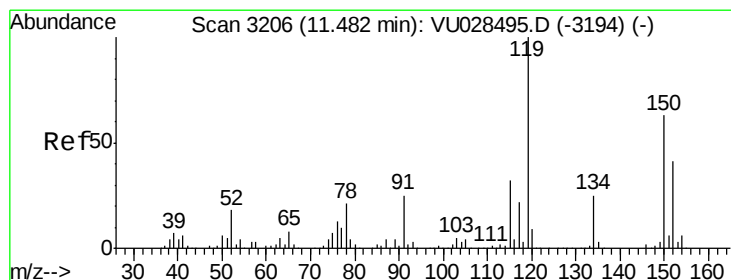
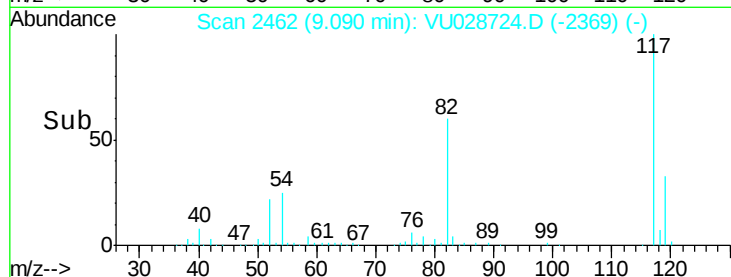
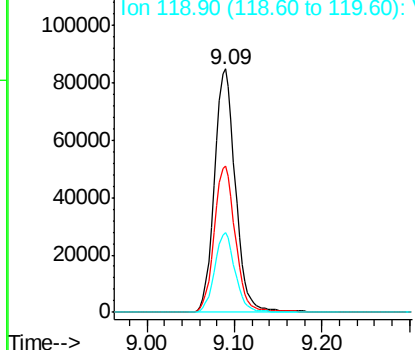
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VU028724.D
 Acq: 17 Dec 2018 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-RB-181214

Tgt Ion:117 Resp: 141841
 Ion Ratio Lower Upper
 117 100
 82 60.2 48.9 73.3
 119 32.9 26.2 39.4

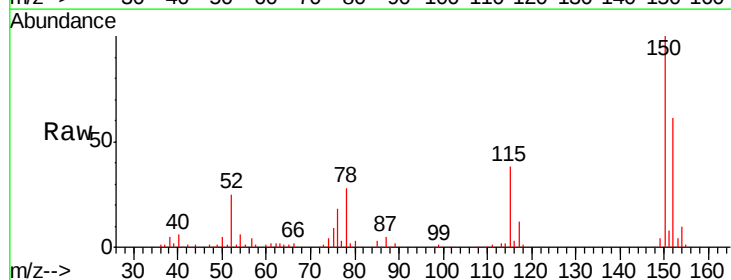


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): VU0
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU028724.D
 Acq: 17 Dec 2018 16:43

Tgt Ion:152 Resp: 53496
 Ion Ratio Lower Upper
 152 100
 115 60.8 42.7 128.1
 150 160.4 0.0 346.0



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

