

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121718\
 Data File : VU028743.D
 Acq On : 18 Dec 2018 01:10
 Operator : MD/SY
 Sample : J6413-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Dec 18 07:46:13 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	81857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	145438	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	131030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	51268	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	67852	54.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.64%	
35) Dibromofluoromethane	4.88	113	49489	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
50) Toluene-d8	7.57	98	188232	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	10.30	95	62775	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	

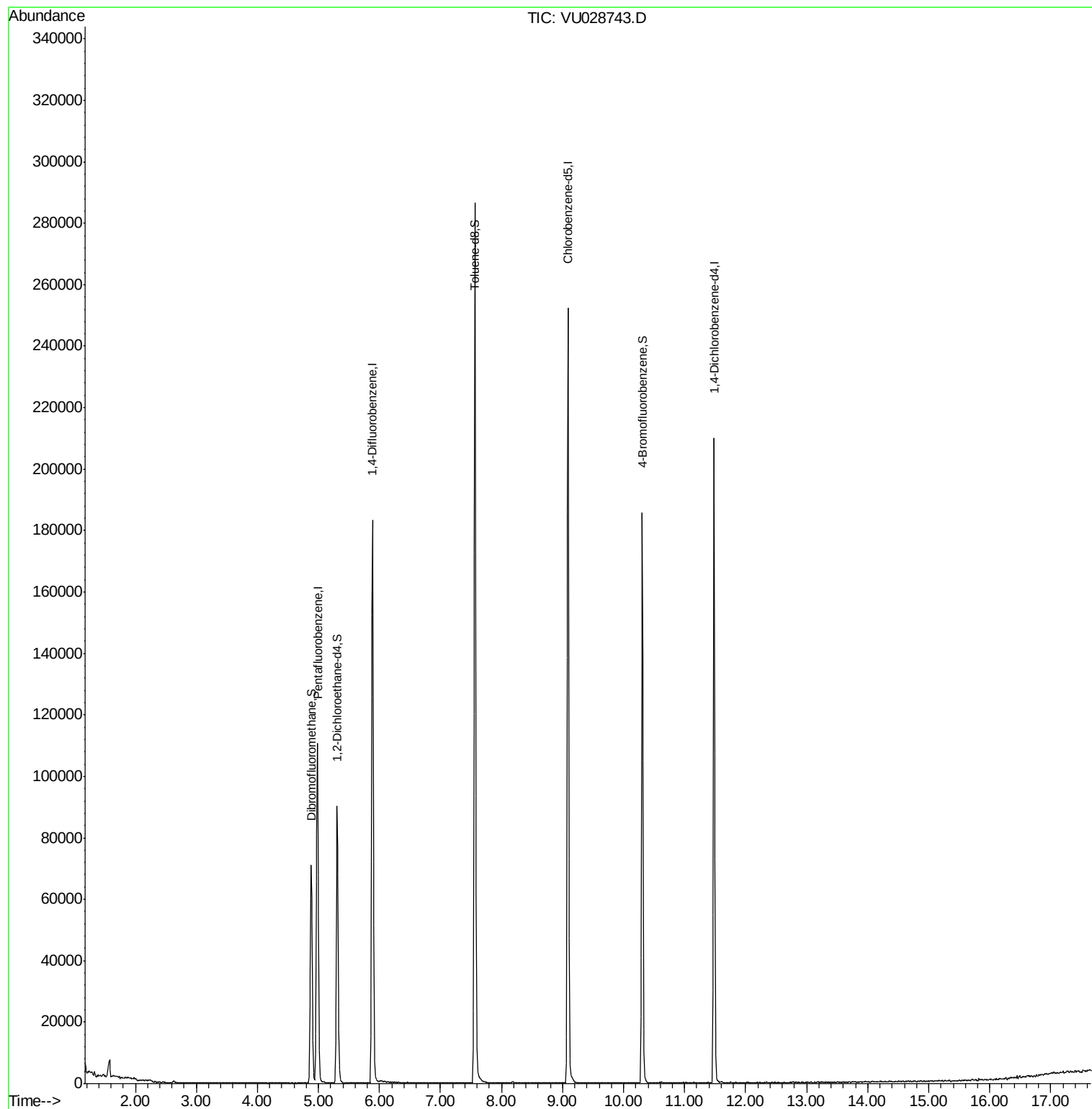
Target Compounds	Qvalue
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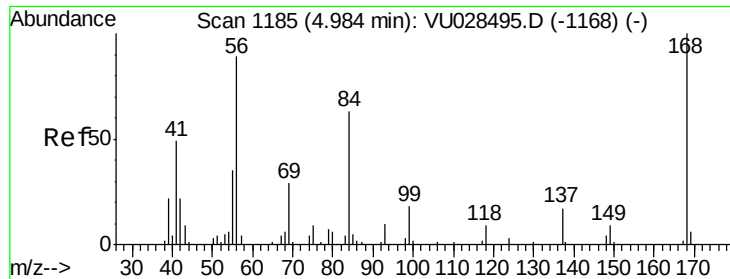
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028743.D

Acq: 18 Dec 2018 01:10

Instrument :

MSVOA_U

ClientSampleId :

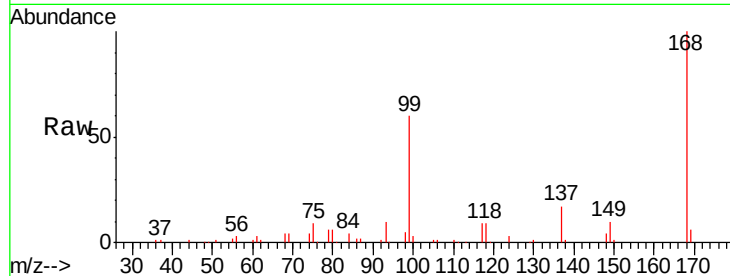
MW-3

Tgt Ion: 168 Resp: 81857

Ion Ratio Lower Upper

168 100

99 59.5 46.6 69.8



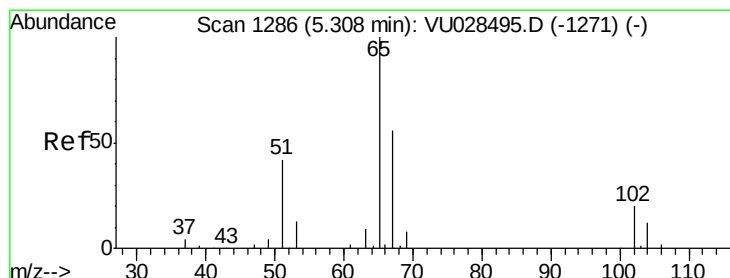
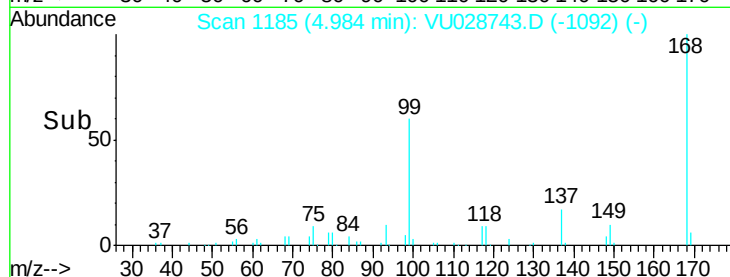
Abundance Ion 167.90 (167.60 to 168.60): VU028495.D

Ion 98.90 (98.60 to 99.60): VU028495.D

4.98

4.90 4.95 5.00 5.05 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.317 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028743.D

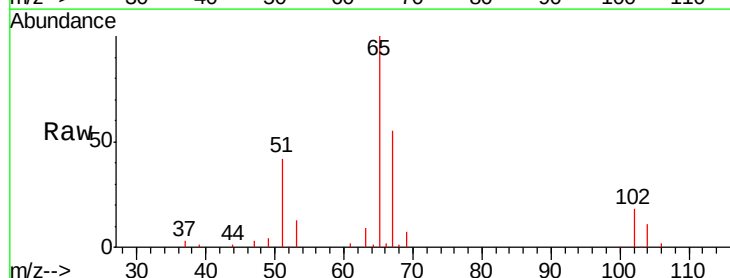
Acq: 18 Dec 2018 01:10

Tgt Ion: 65 Resp: 67852

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.6



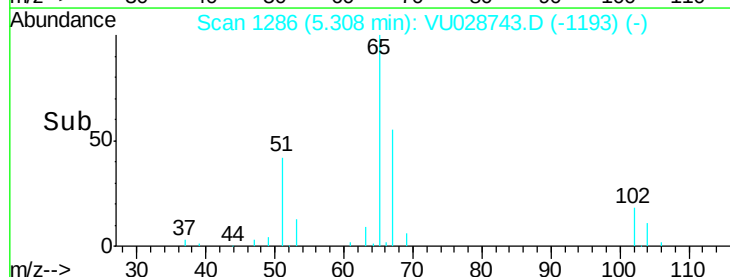
Abundance Ion 64.90 (64.60 to 65.60): VU028495.D

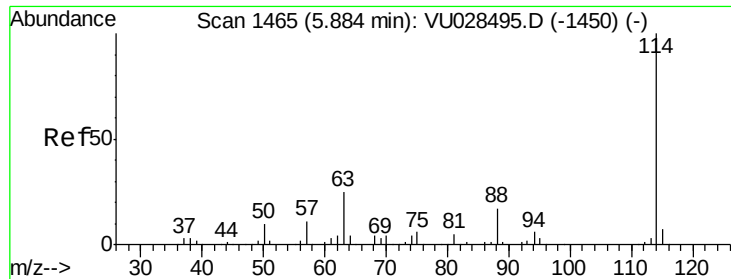
Ion 66.90 (66.60 to 67.60): VU028495.D

5.31

5.20 5.25 5.30 5.35 5.40

Time-->

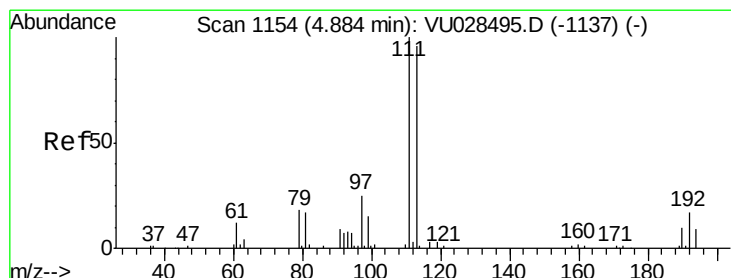
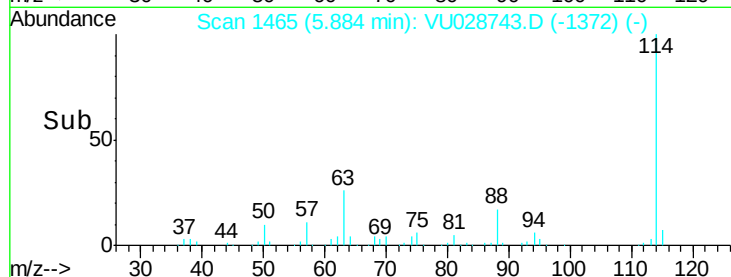
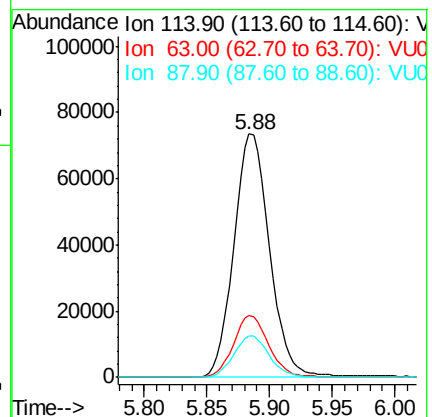
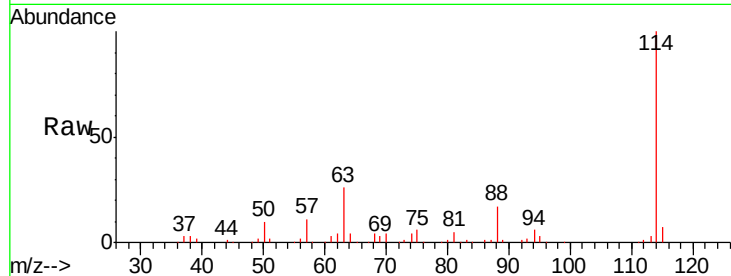




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028743.D
 Acq: 18 Dec 2018 01:10

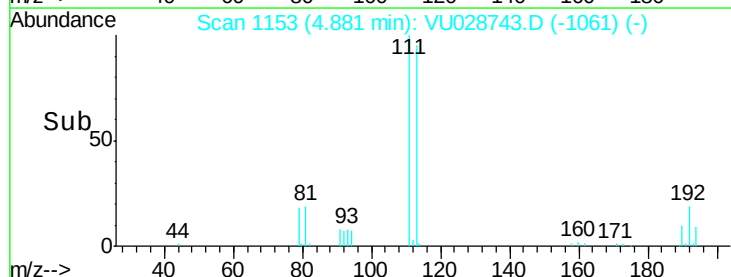
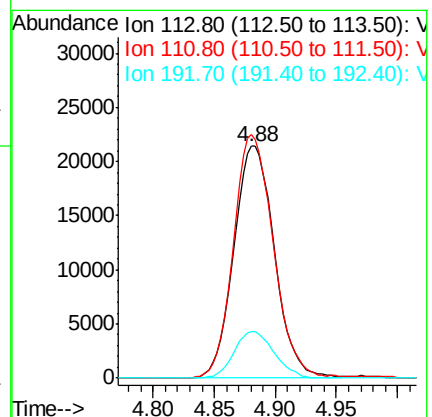
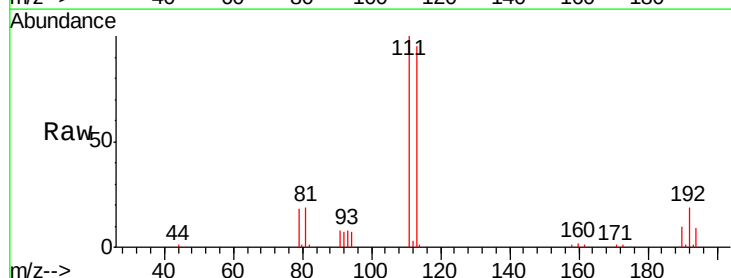
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

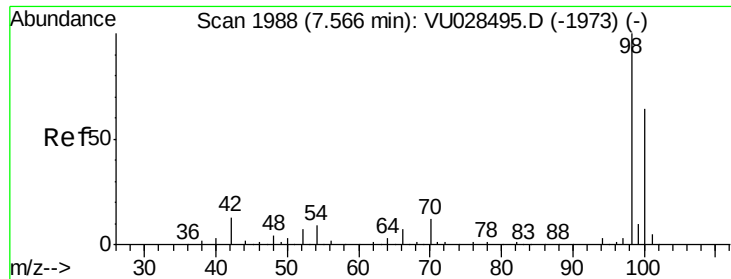
Tgt Ion:114 Resp: 145438
 Ion Ratio Lower Upper
 114 100
 63 25.5 0.0 49.2
 88 16.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 54.071 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028743.D
 Acq: 18 Dec 2018 01:10

Tgt Ion:113 Resp: 49489
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 19.7 14.8 22.2

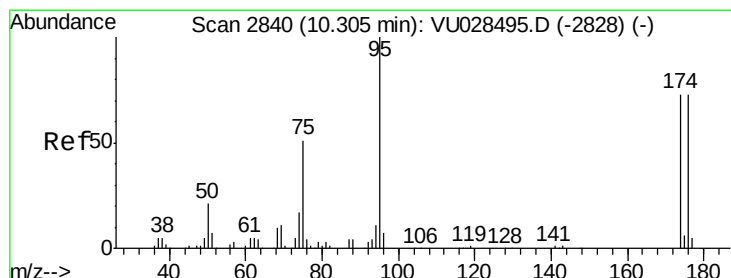
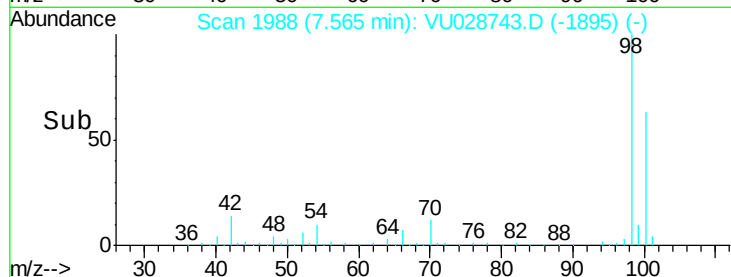
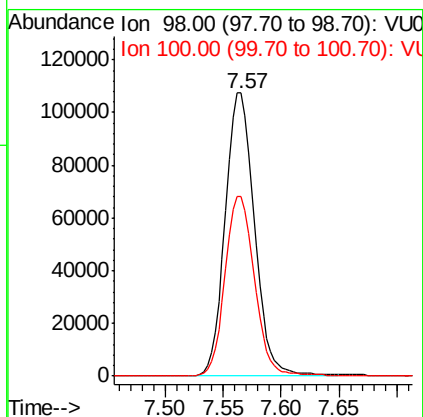
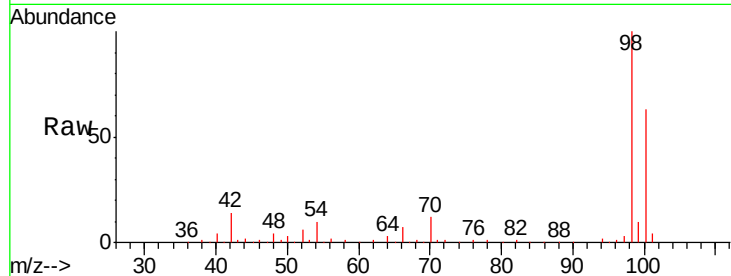




#50
Toluene-d8
Concen: 51.990 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028743.D
Acq: 18 Dec 2018 01:10

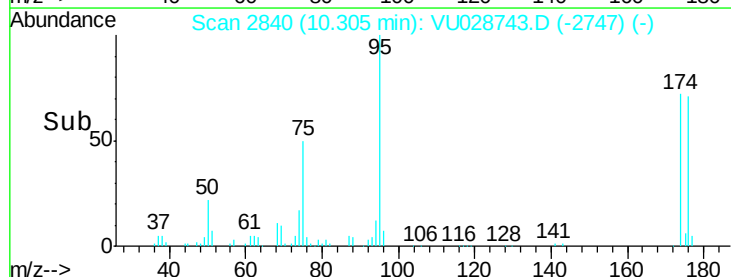
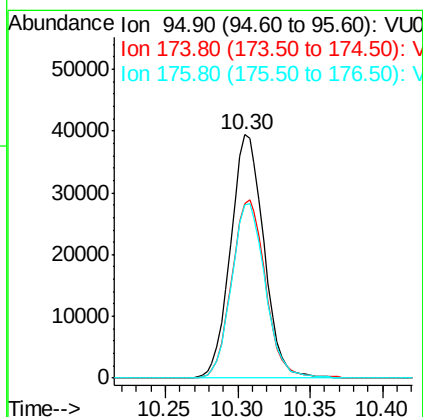
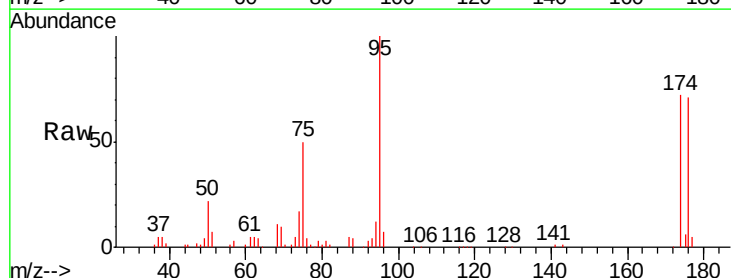
Instrument :
MSVOA_U
ClientSampleId :
MW-3

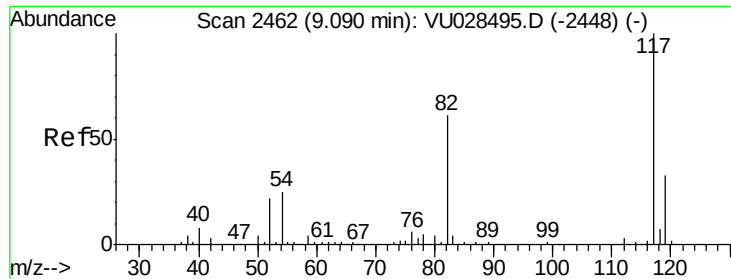
Tgt Ion: 98 Resp: 188232
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 46.389 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028743.D
Acq: 18 Dec 2018 01:10

Tgt Ion: 95 Resp: 62775
Ion Ratio Lower Upper
95 100
174 74.3 0.0 150.4
176 72.7 0.0 145.2

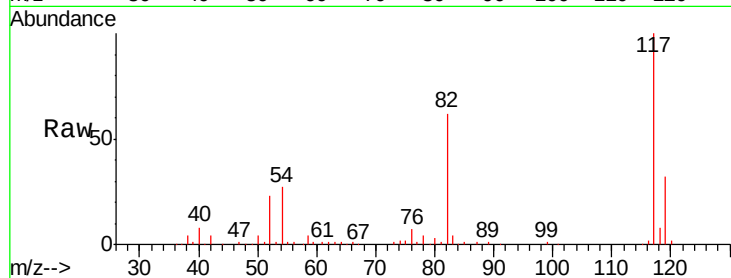




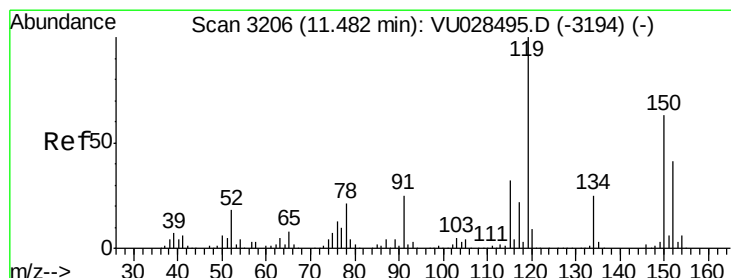
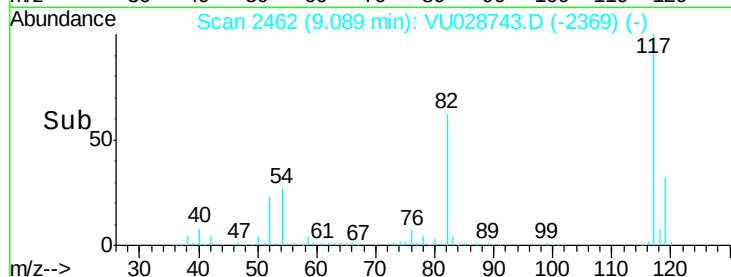
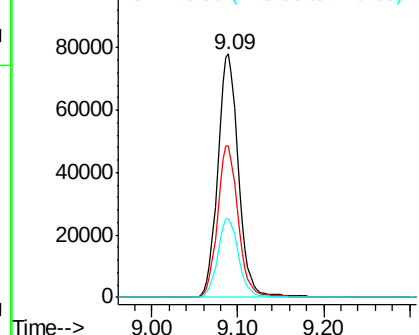
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028743.D
Acq: 18 Dec 2018 01:10

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 131030
Ion Ratio Lower Upper
117 100
82 62.2 48.9 73.3
119 32.4 26.2 39.4

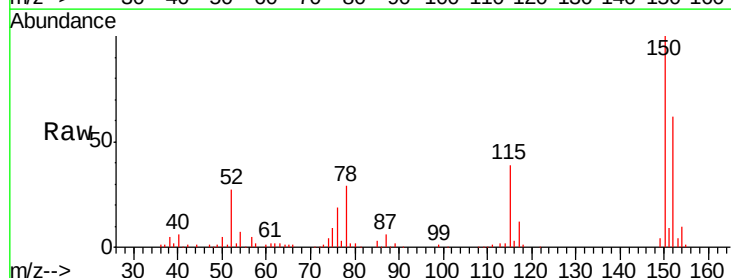


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028743.D
Acq: 18 Dec 2018 01:10

Tgt Ion:152 Resp: 51268
Ion Ratio Lower Upper
152 100
115 60.7 42.7 128.1
150 157.8 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

