

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025258.D
 Acq On : 06 Jul 2018 22:32
 Operator : MD/SY
 Sample : J3842-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0149

Quant Time: Jul 07 00:44:41 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

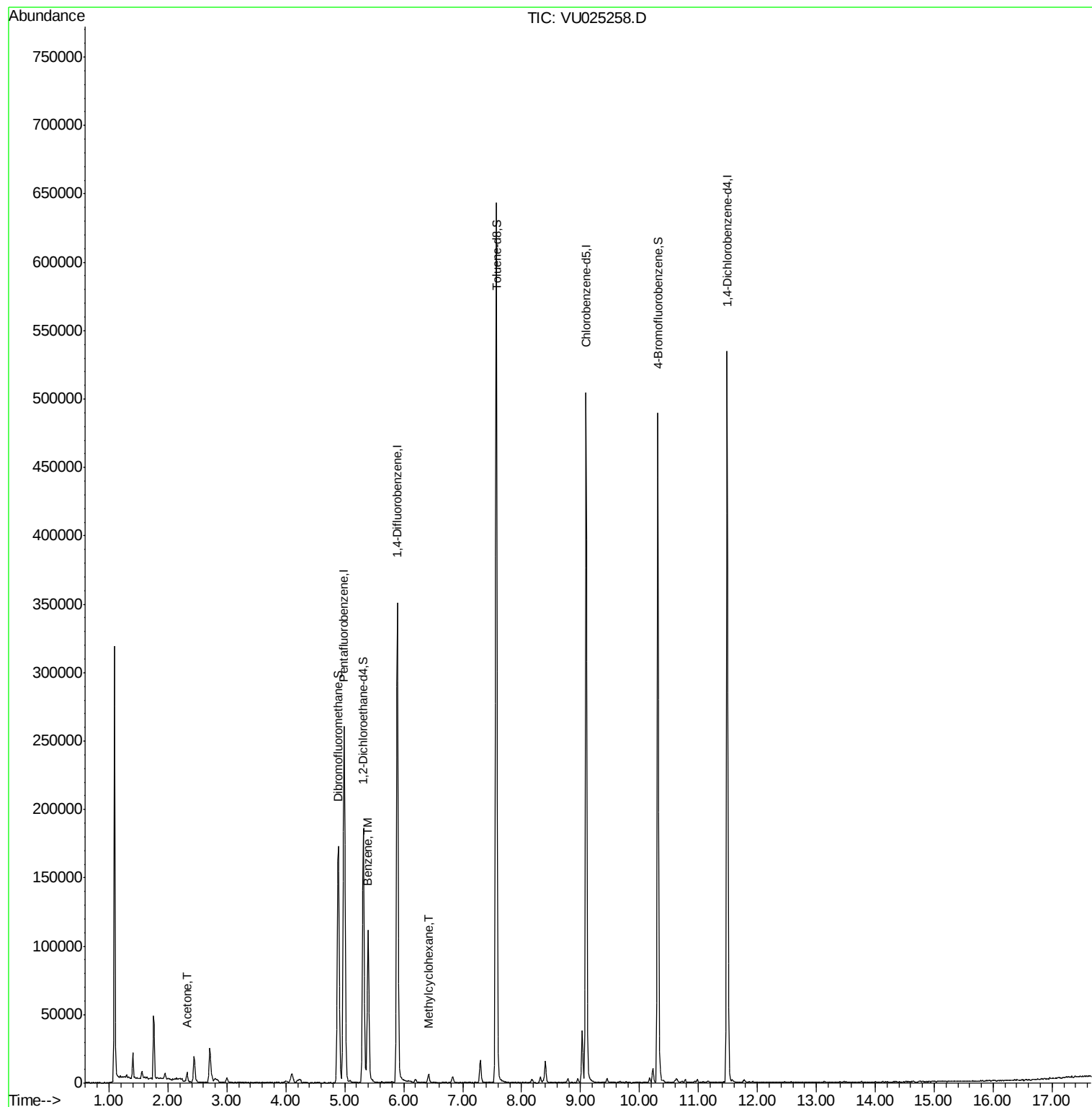
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	196227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299237	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	148655	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
35) Dibromofluoromethane	4.89	113	117149	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	7.57	98	429380	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
62) 4-Bromofluorobenzene	10.31	95	159864	44.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.90%	
Target Compounds						
16) Acetone	2.32	43	7606	4.419	ug/l	91
39) Methylcyclohexane	6.42	83	2580	0.588	ug/l	94
40) Benzene	5.39	78	107302	10.709	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: VU025258.D

Acq: 06 Jul 2018 22:32

Instrument :

MSVOA_U

ClientSampleId :

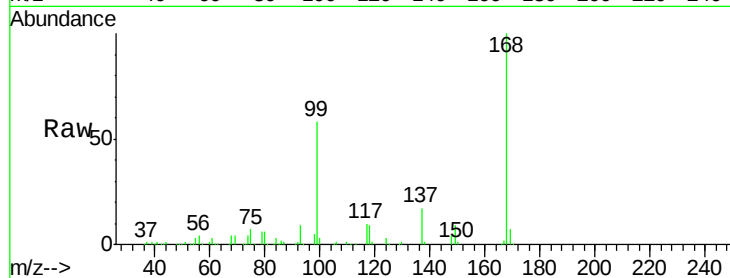
S10-0149

Tot Ion:168 Resp: 196227

Ion Ratio Lower Upper

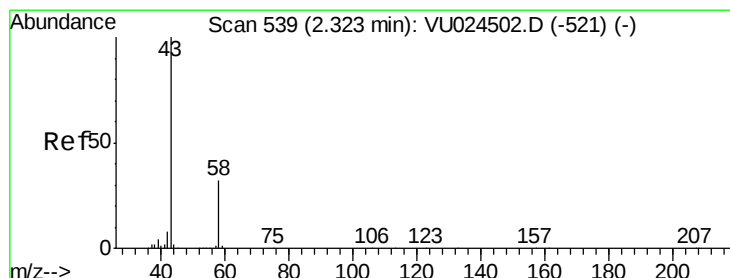
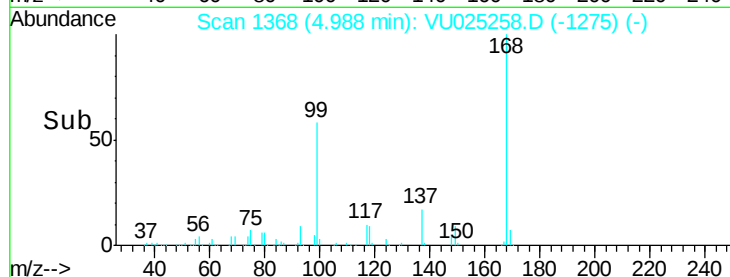
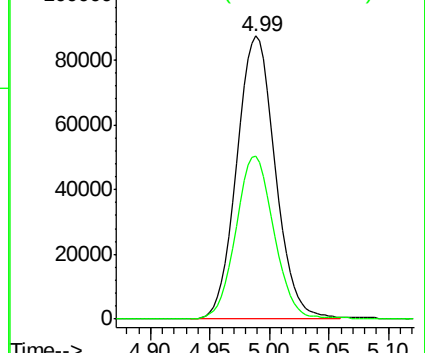
168 100

99 57.8 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025258.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025258.D (-1275) (-)



#16

Acetone

Concen: 4.419 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025258.D

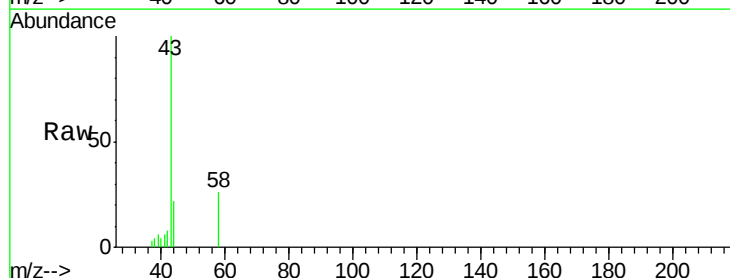
Acq: 06 Jul 2018 22:32

Tgt Ion: 43 Resp: 7606

Ion Ratio Lower Upper

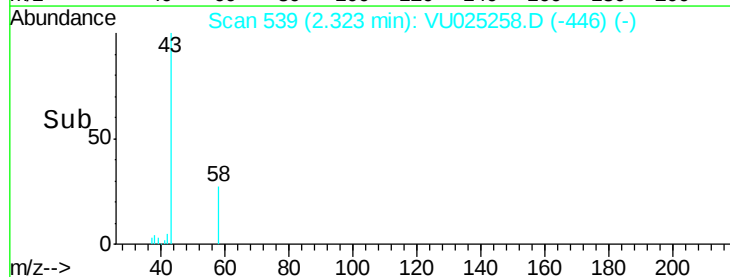
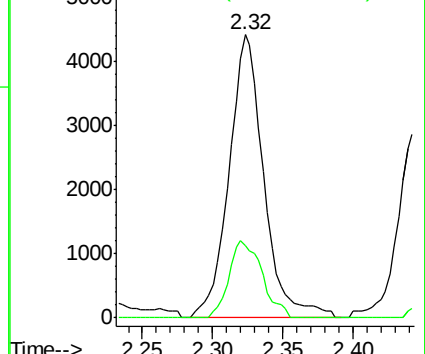
43 100

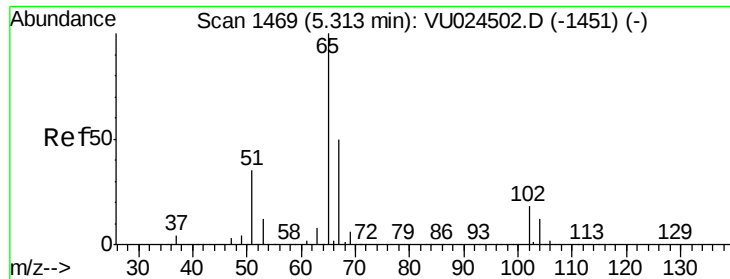
58 25.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU025258.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU025258.D (-446) (-)

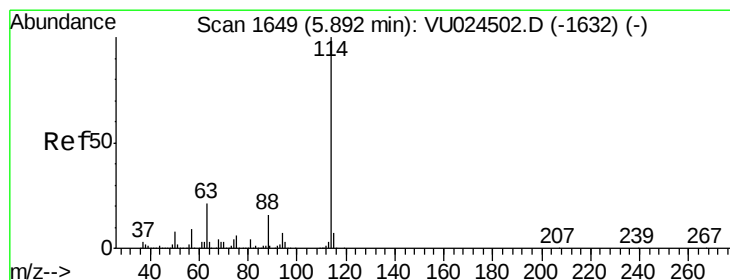
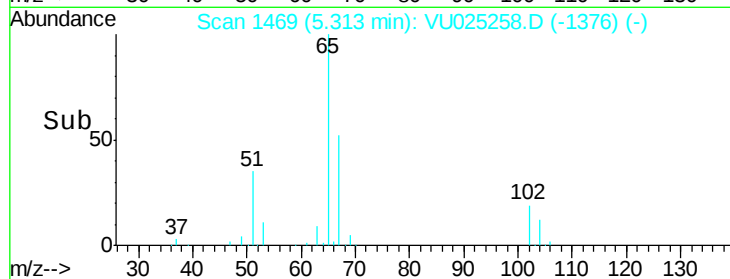
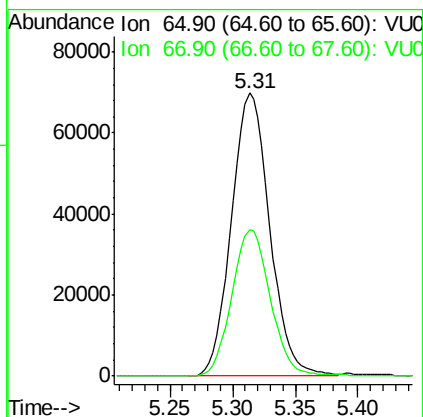
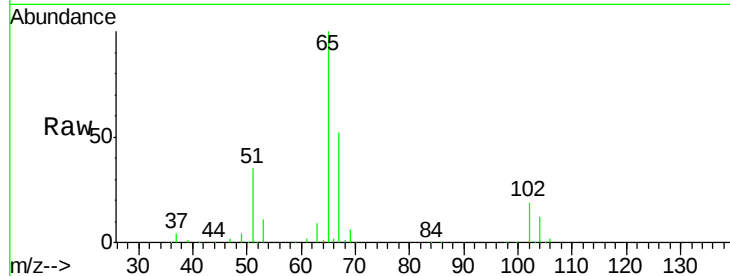




#33
 1,2-Dichloroethane-d4
 Concen: 46.405 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025258.D
 Acq: 06 Jul 2018 22:32

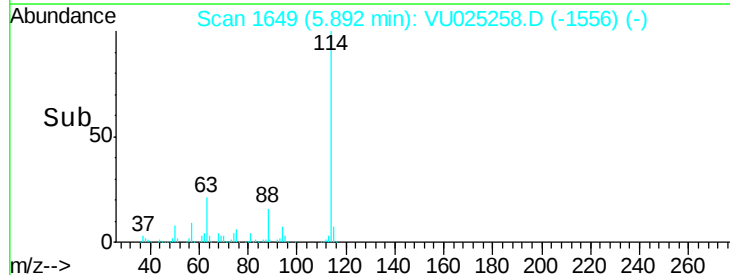
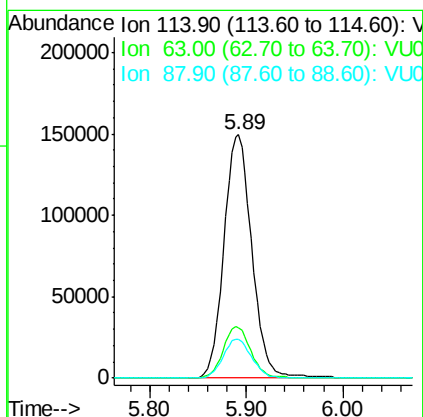
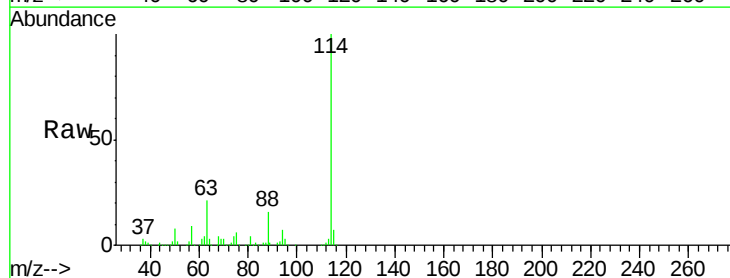
Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0149

Tot Ion: 65 Resp: 148655
 Ion Ratio Lower Upper
 65 100
 67 51.8 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: VU025258.D
 Acq: 06 Jul 2018 22:32

Tgt Ion: 114 Resp: 299237
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 16.0 0.0 31.0

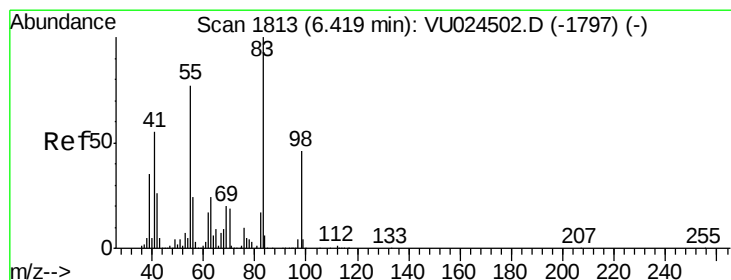
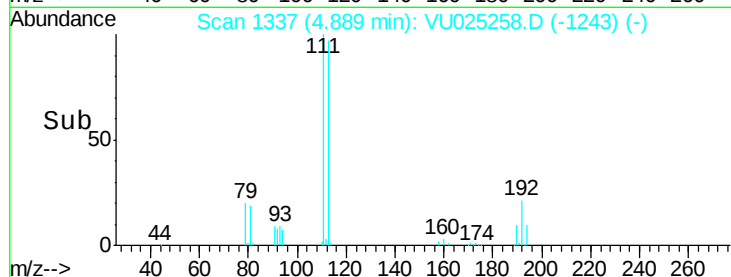
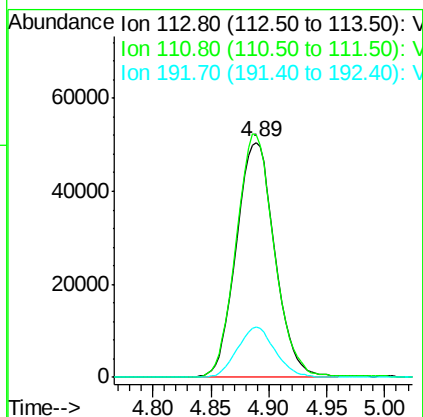
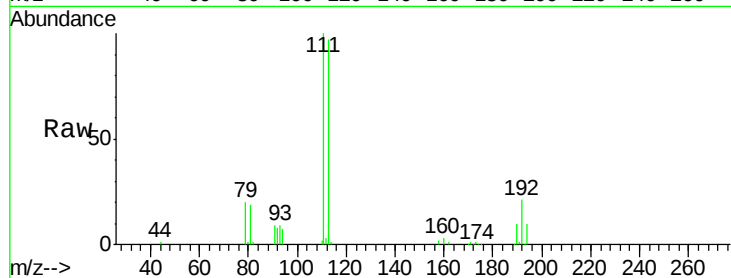




#35
Dibromofluoromethane
Concen: 47.172 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025258.D
Acq: 06 Jul 2018 22:32

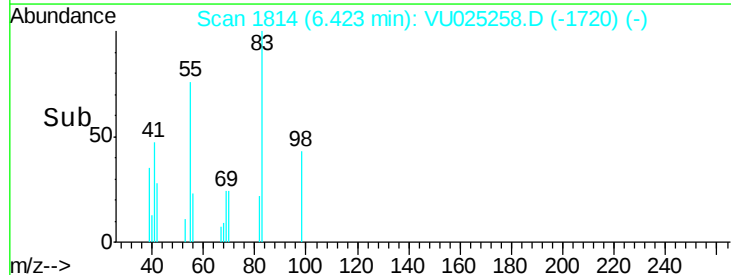
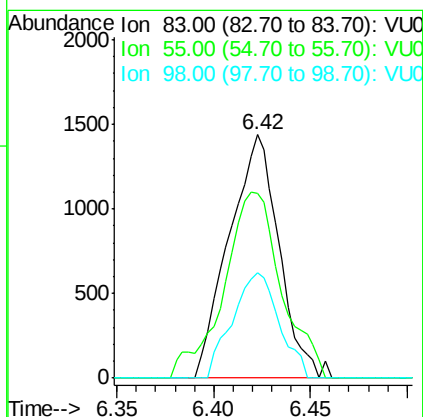
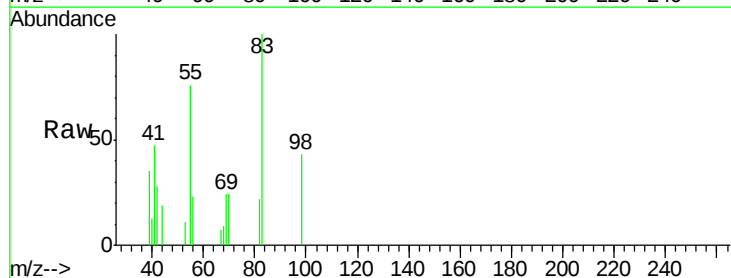
Instrument :
MSVOA_U
ClientSampleId :
S10-0149

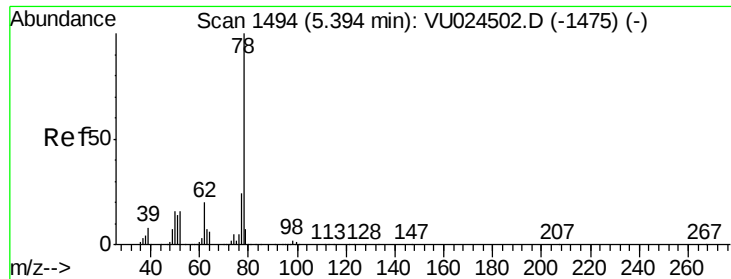
Tot Ion:113 Resp: 117149
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 20.9 16.2 24.4



#39
Methylcyclohexane
Concen: 0.588 ug/l
RT: 6.42 min Scan# 1814
Delta R.T. 0.00 min
Lab File: VU025258.D
Acq: 06 Jul 2018 22:32

Tgt Ion: 83 Resp: 2580
Ion Ratio Lower Upper
83 100
55 75.8 65.8 98.6
98 43.1 36.7 55.1





#40

Benzene

Concen: 10.709 ug/l

RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU025258.D

Acq: 06 Jul 2018 22:32

Instrument :

MSVOA_U

ClientSampleId :

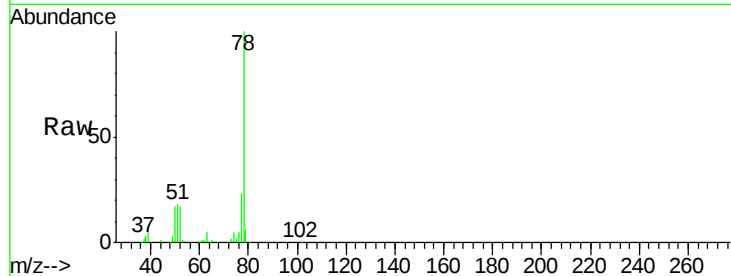
S10-0149

Tot Ion: 78 Resp: 107302

Ion Ratio Lower Upper

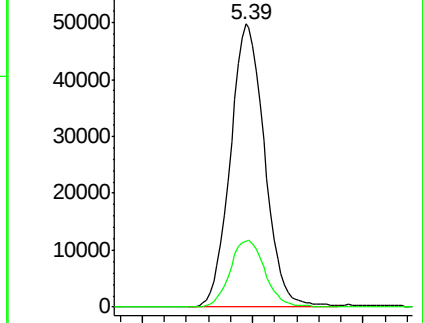
78 100

77 23.4 19.2 28.8

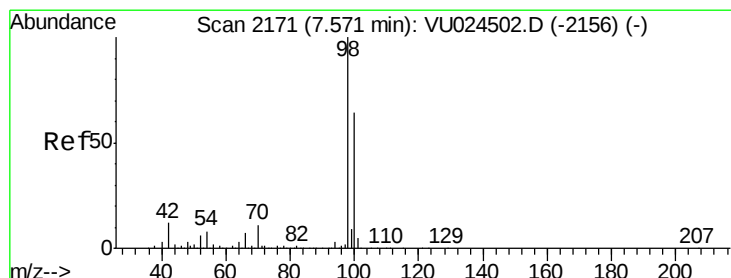
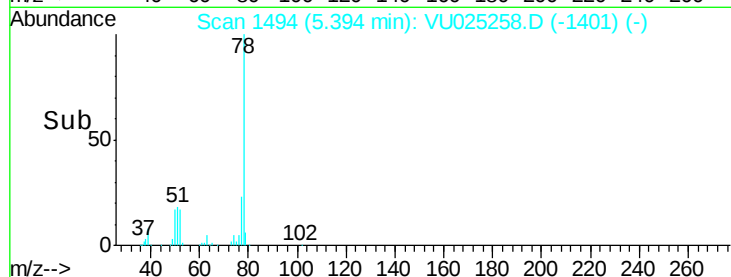


Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



#50

Toluene-d8

Concen: 47.400 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025258.D

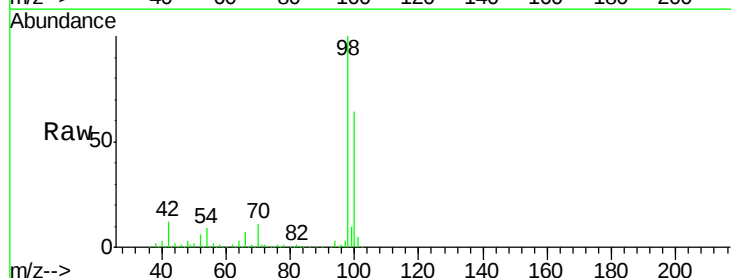
Acq: 06 Jul 2018 22:32

Tgt Ion: 98 Resp: 429380

Ion Ratio Lower Upper

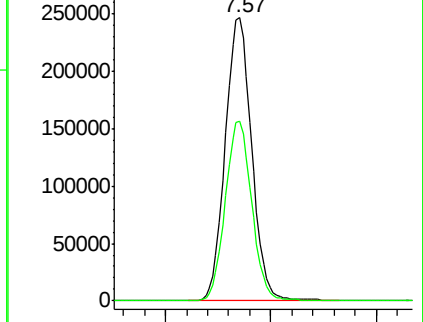
98 100

100 63.5 51.1 76.7

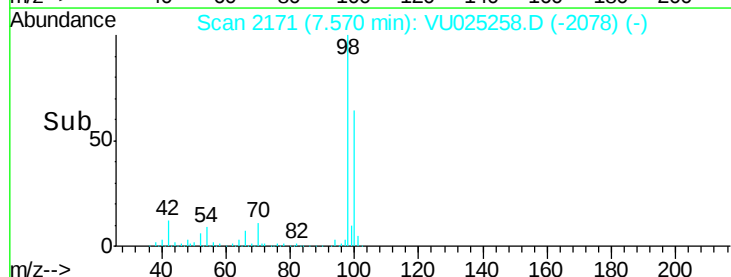


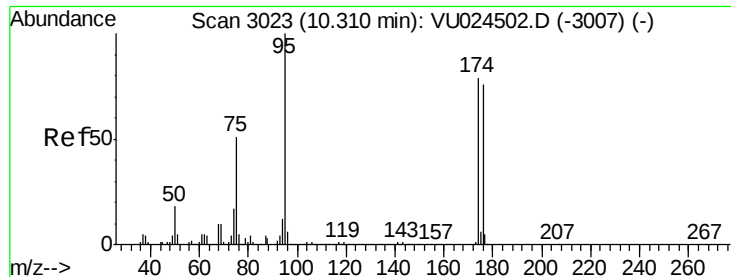
Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



Time-->





#62

4-Bromofluorobenzene

Concen: 44.448 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025258.D

Acq: 06 Jul 2018 22:32

Instrument :

MSVOA_U

ClientSampleId :

S10-0149

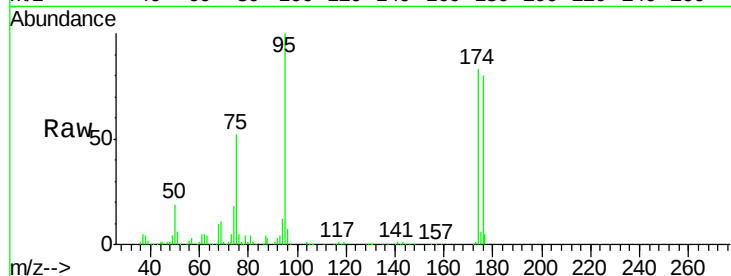
Tot Ion: 95 Resp: 159864

Ion Ratio Lower Upper

95 100

174 85.0 0.0 165.8

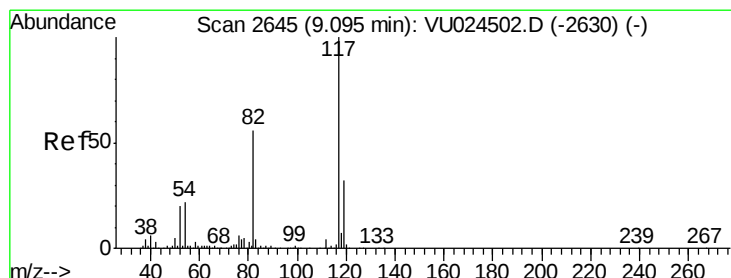
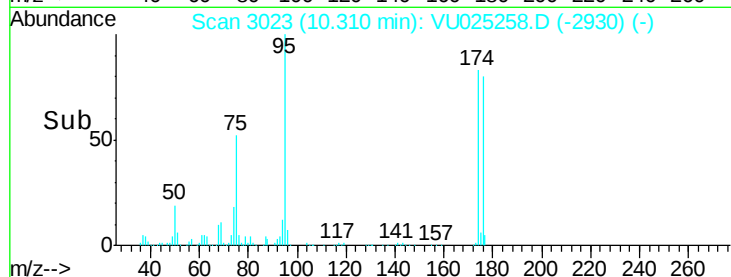
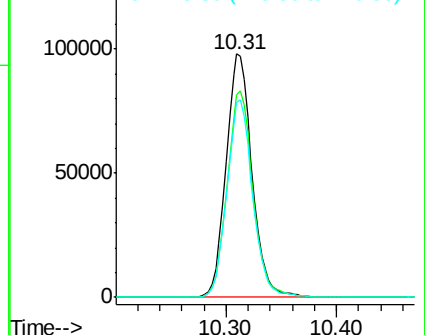
176 80.9 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VU025258.D

Acq: 06 Jul 2018 22:32

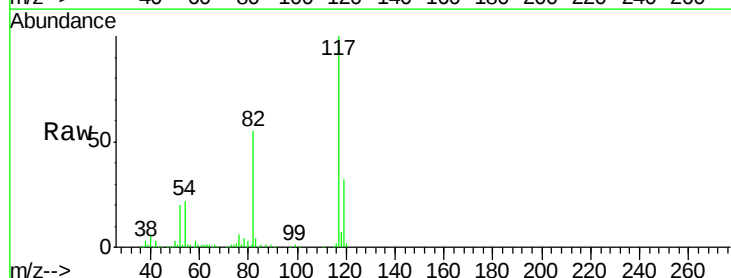
Tgt Ion: 117 Resp: 279745

Ion Ratio Lower Upper

117 100

82 55.0 44.3 66.5

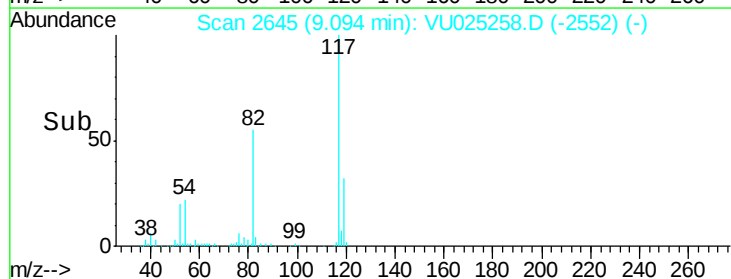
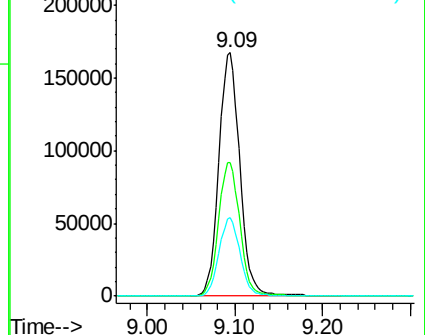
119 32.2 25.4 38.2

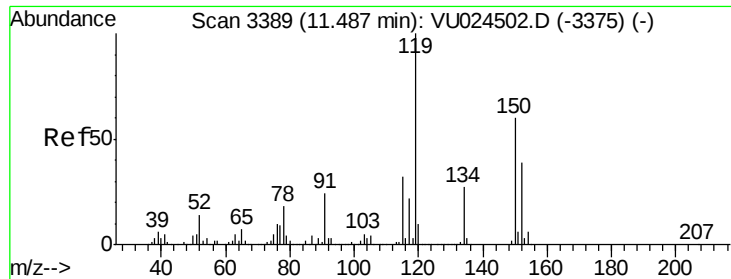


Abundance Ion 116.90 (116.60 to 117.60): VU024502.D (-2630) (-)

Ion 82.00 (81.70 to 82.70): VU024502.D (-2630) (-)

Ion 118.90 (118.60 to 119.60): VU024502.D (-2630) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU025258.D
 Acq: 06 Jul 2018 22:32

Instrument :
 MSVOA_U
 ClientSampleId :
 S10-0149

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	43.0	129.0
150	156.1	0.0	354.0

