

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070218\
 Data File : VU025167.D
 Acq On : 03 Jul 2018 02:12
 Operator : MD/SY
 Sample : J3809-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CARBON-2-062818

Quant Time: Jul 03 07:04:04 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	200162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	303266	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	272947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	143646	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	152663	46.72	ug/l	0.00
Spiked Amount						
			Recovery	=	93.44%	
35) Dibromofluoromethane	4.89	113	118271	46.99	ug/l	0.00
Spiked Amount						
			Recovery	=	93.98%	
50) Toluene-d8	7.57	98	430317	46.87	ug/l	0.00
Spiked Amount						
			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	10.31	95	156913	43.05	ug/l	0.00
Spiked Amount						
			Recovery	=	86.10%	

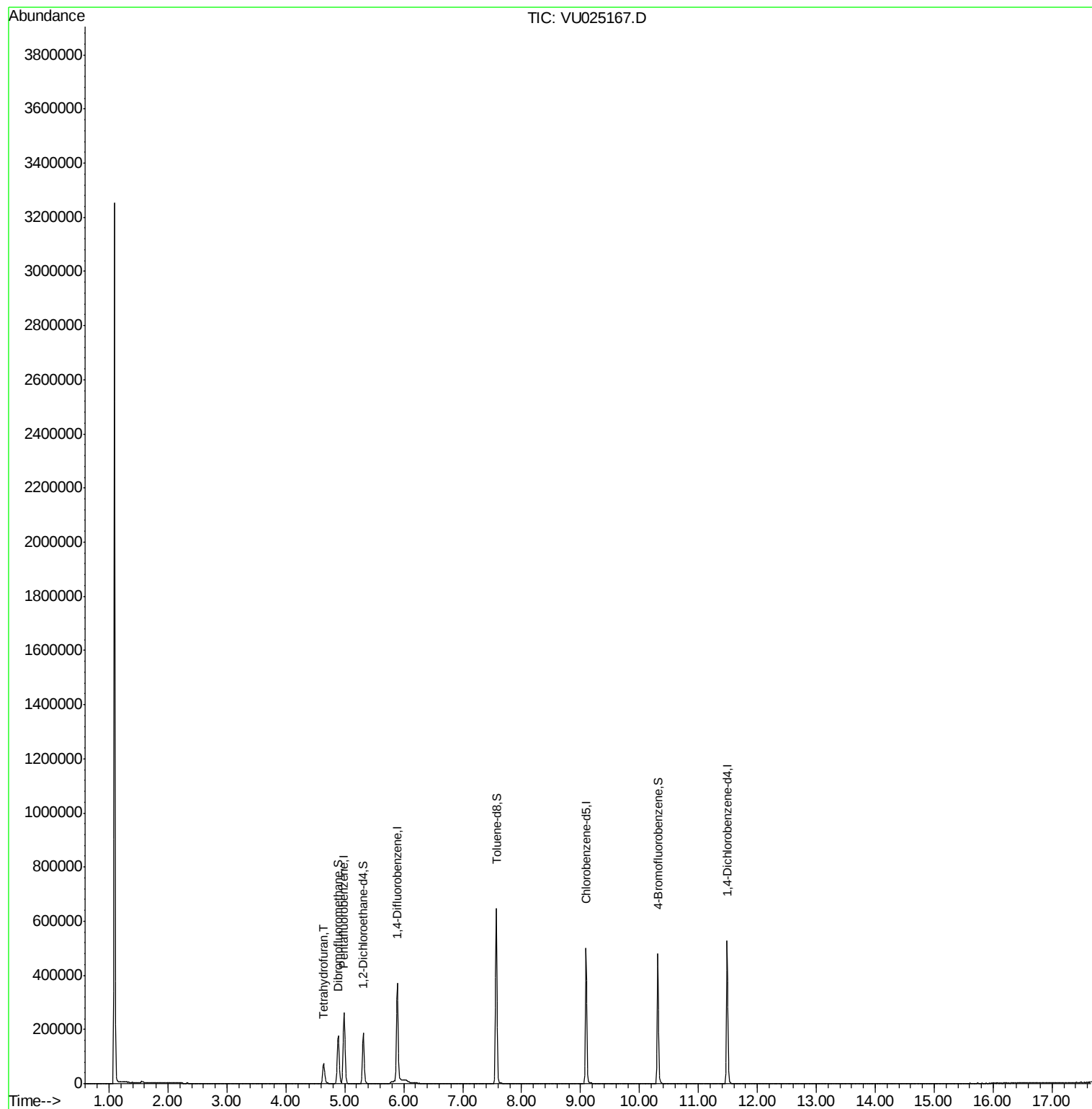
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
29) Tetrahydrofuran	4.64	42	55005	37.66	ug/l	98

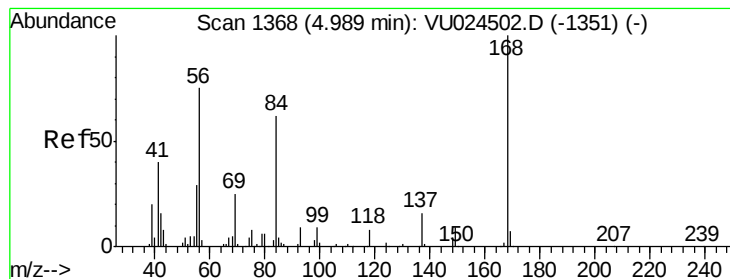
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025167.D

Acq: 03 Jul 2018 02:12

Instrument :

MSVOA_U

ClientSampleId :

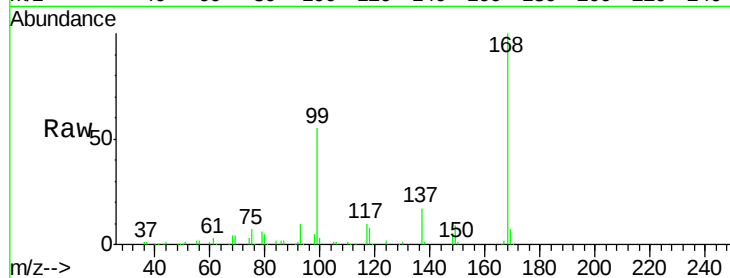
CARBON-2-062818

Tot Ion:168 Resp: 200162

Ion Ratio Lower Upper

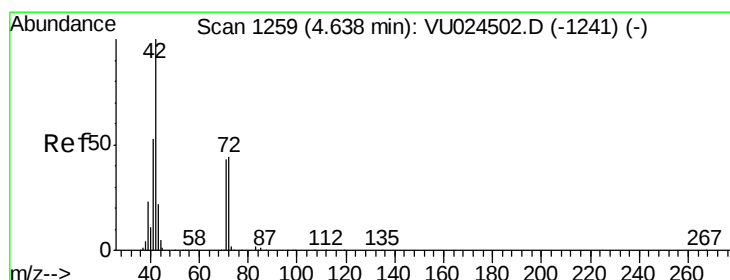
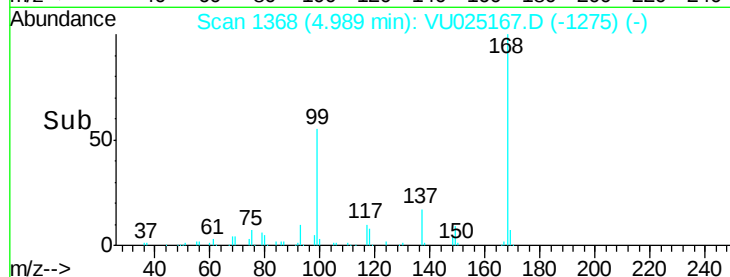
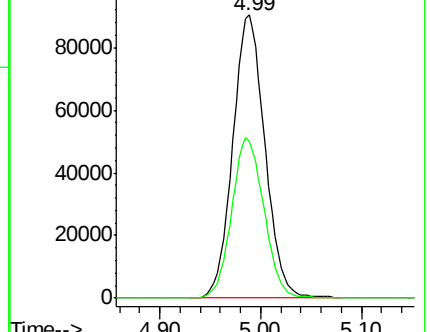
168 100

99 55.5 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025167.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025167.D (-1275) (-)



#29

Tetrahydrofuran

Concen: 37.66 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VU025167.D

Acq: 03 Jul 2018 02:12

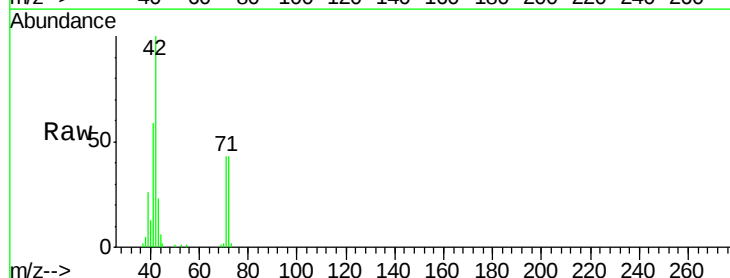
Tgt Ion: 42 Resp: 55005

Ion Ratio Lower Upper

42 100

72 43.8 34.5 51.7

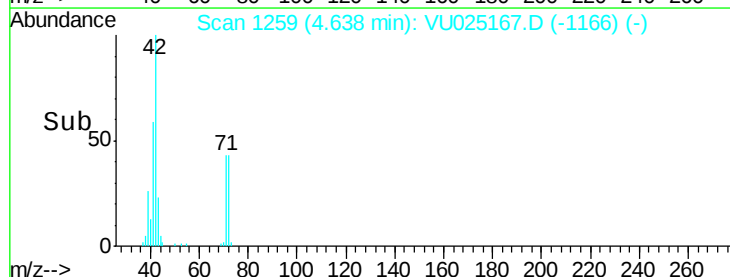
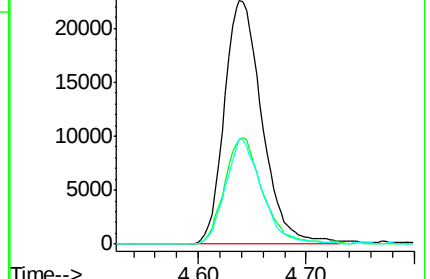
71 41.6 32.2 48.4

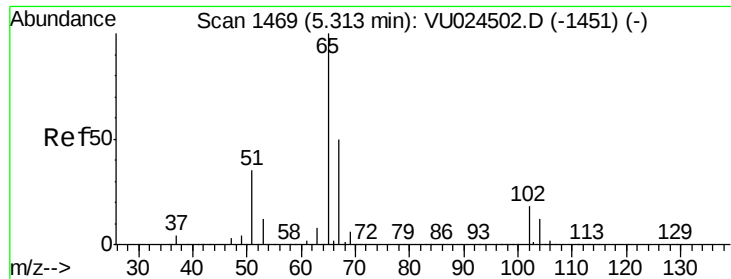


Abundance Ion 42.00 (41.70 to 42.70): VU025167.D (-1166) (-)

Ion 72.00 (71.70 to 72.70): VU025167.D (-1166) (-)

Ion 71.00 (70.70 to 71.70): VU025167.D (-1166) (-)

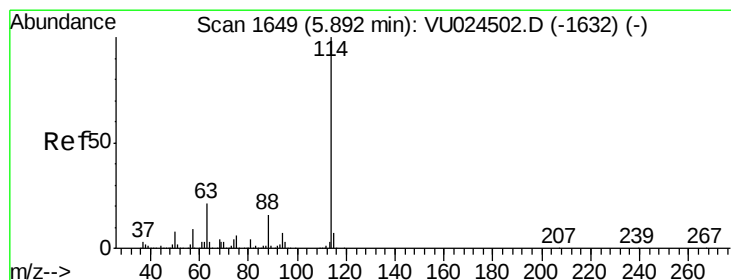
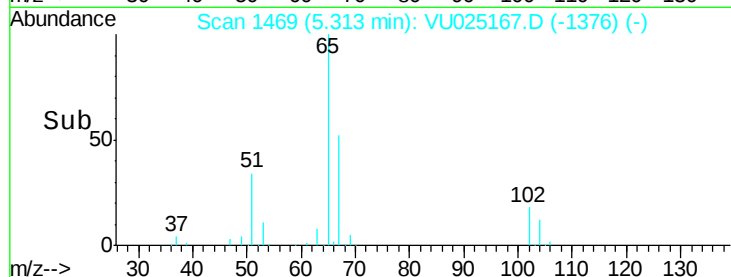
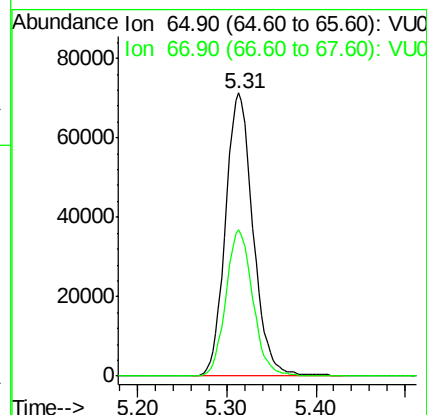
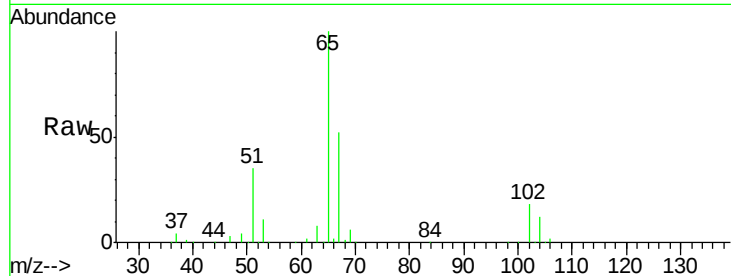




#33
 1,2-Dichloroethane-d4
 Concen: 46.72 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025167.D
 Acq: 03 Jul 2018 02:12

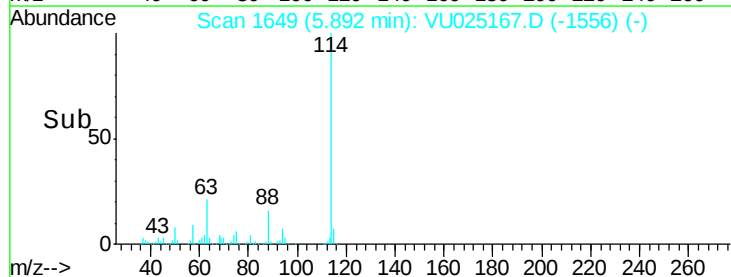
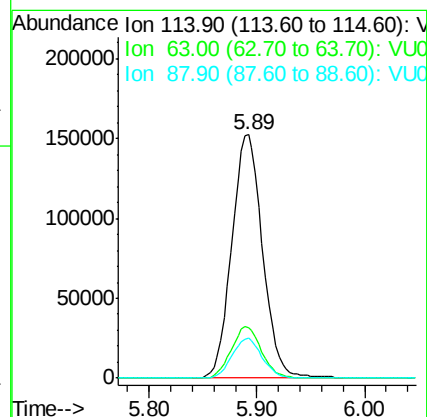
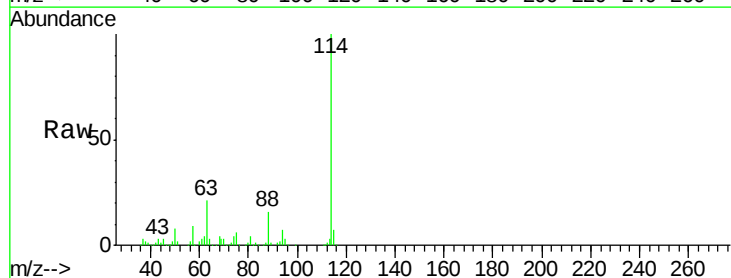
Instrument :
 MSVOA_U
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 CARBON-2-062818

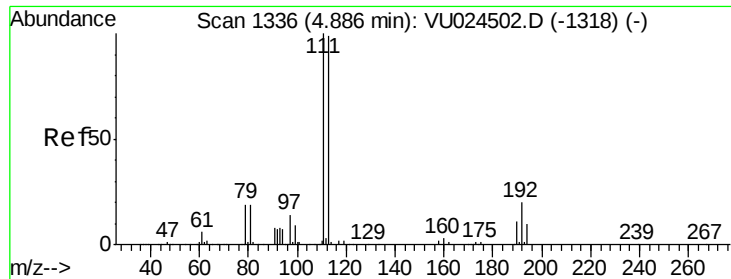
Tot Ion: 65 Resp: 152663
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025167.D
 Acq: 03 Jul 2018 02:12

Tgt Ion: 114 Resp: 303266
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.4
 88 16.3 0.0 31.0

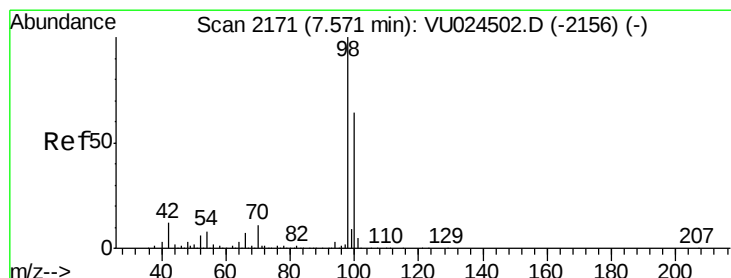
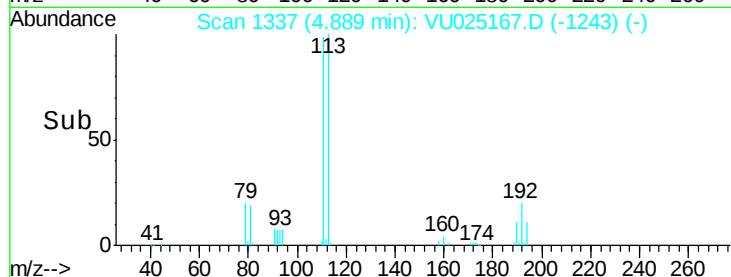
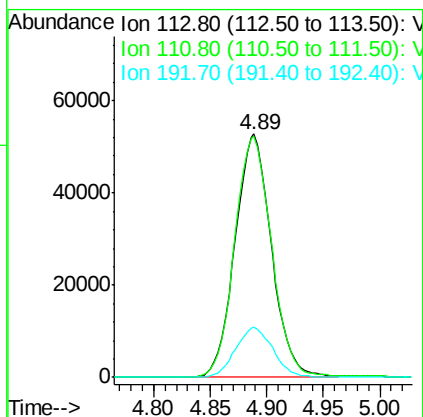
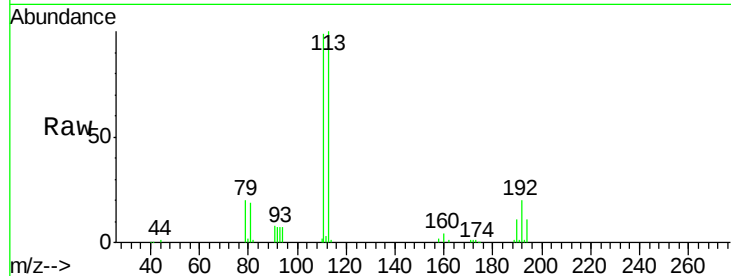




#35
 Dibromofluoromethane
 Concen: 46.99 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU025167.D
 Acq: 03 Jul 2018 02:12

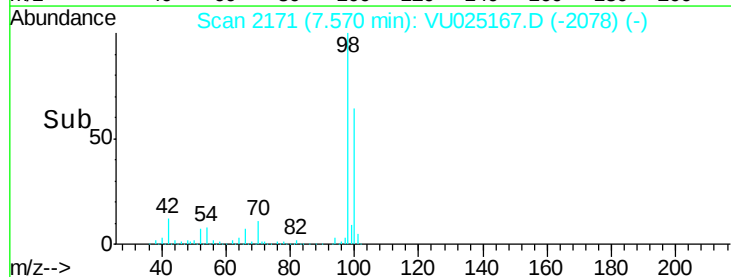
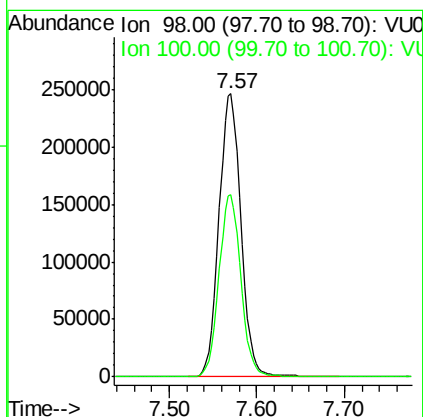
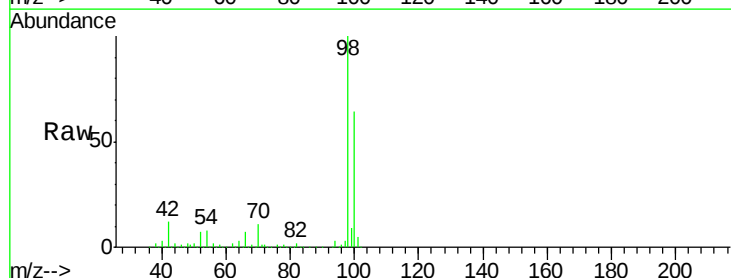
Instrument :
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 ClientSampleId :
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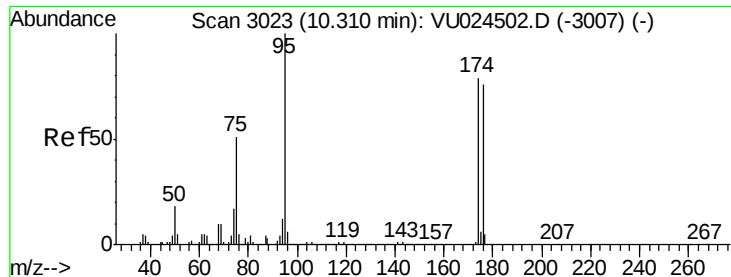
Tot Ion:113 Resp: 118271
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.2 123.4
 192 21.1 16.2 24.4



#50
 Toluene-d8
 Concen: 46.87 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU025167.D
 Acq: 03 Jul 2018 02:12

Tgt Ion: 98 Resp: 430317
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.1 76.7

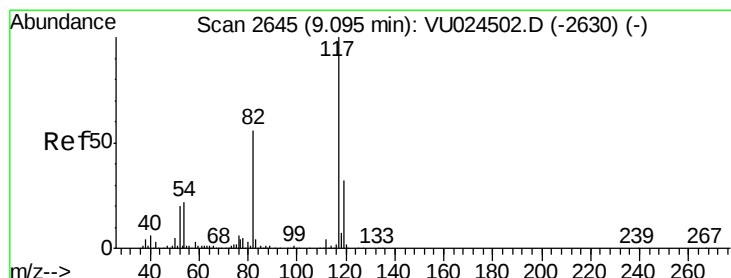
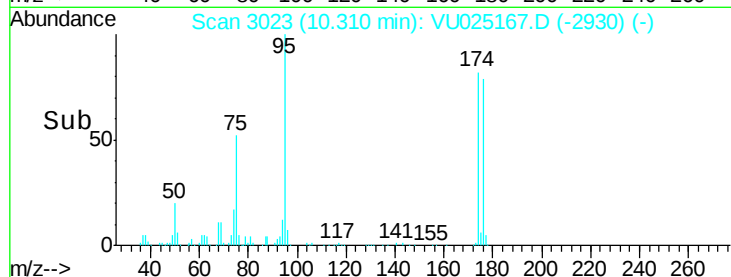
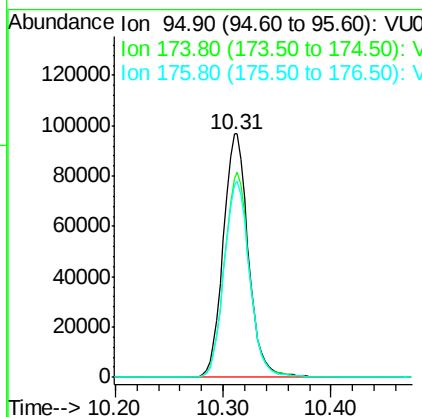
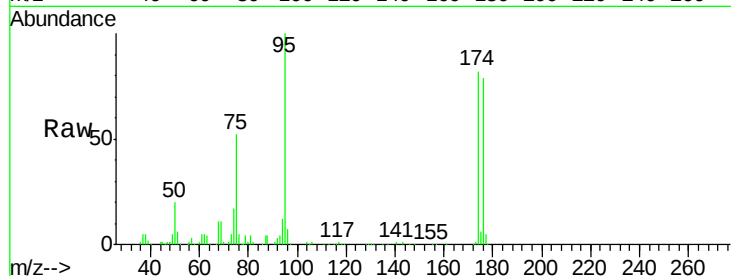




#62
4-Bromofluorobenzene
Concen: 43.05 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU025167.D
Acq: 03 Jul 2018 02:12

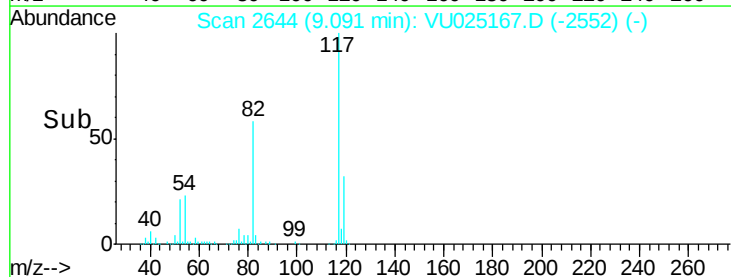
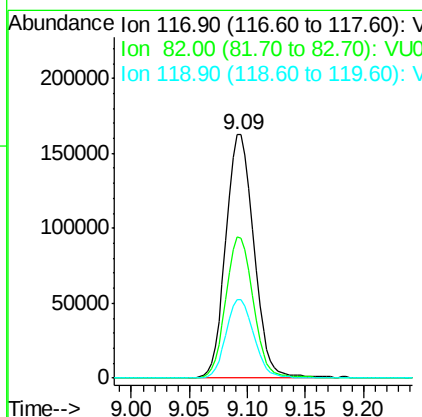
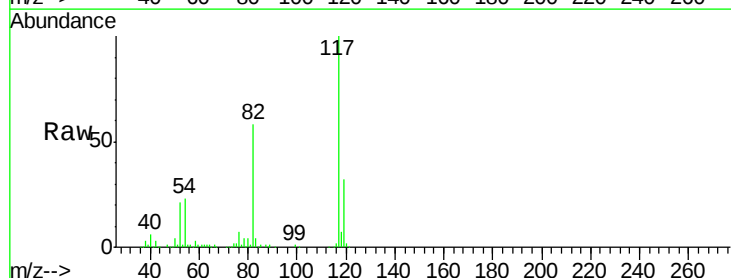
Instrument :
MSVOA_U
ClientSampleId :
CARBON-2-062818

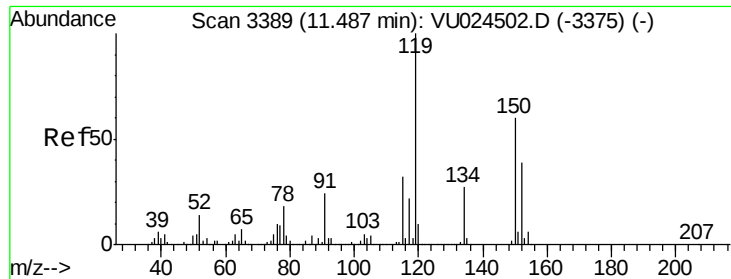
Tot Ion: 95 Resp: 156913
Ion Ratio Lower Upper
95 100
174 84.3 0.0 165.8
176 81.6 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025167.D
Acq: 03 Jul 2018 02:12

Tgt Ion: 117 Resp: 272947
Ion Ratio Lower Upper
117 100
82 57.8 44.3 66.5
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025167.D

Acq: 03 Jul 2018 02:12

Instrument :

MSVOA_U

ClientSampleId :

CARBON-2-062818

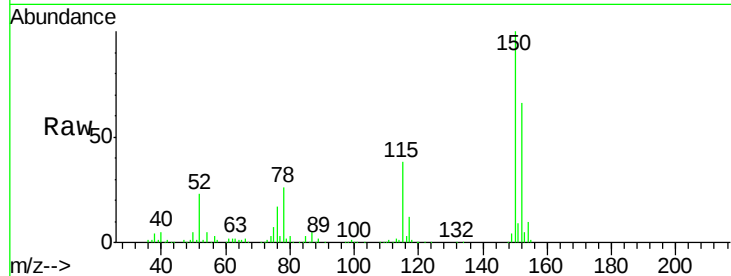
Tot Ion:152 Resp: 143646

Ion Ratio Lower Upper

152 100

115 57.4 43.0 129.0

150 153.1 0.0 354.0



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

