

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070318\
 Data File : VU025185.D
 Acq On : 03 Jul 2018 12:49
 Operator : MD/SY
 Sample : J3809-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13-062818

Quant Time: Jul 04 05:22:25 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

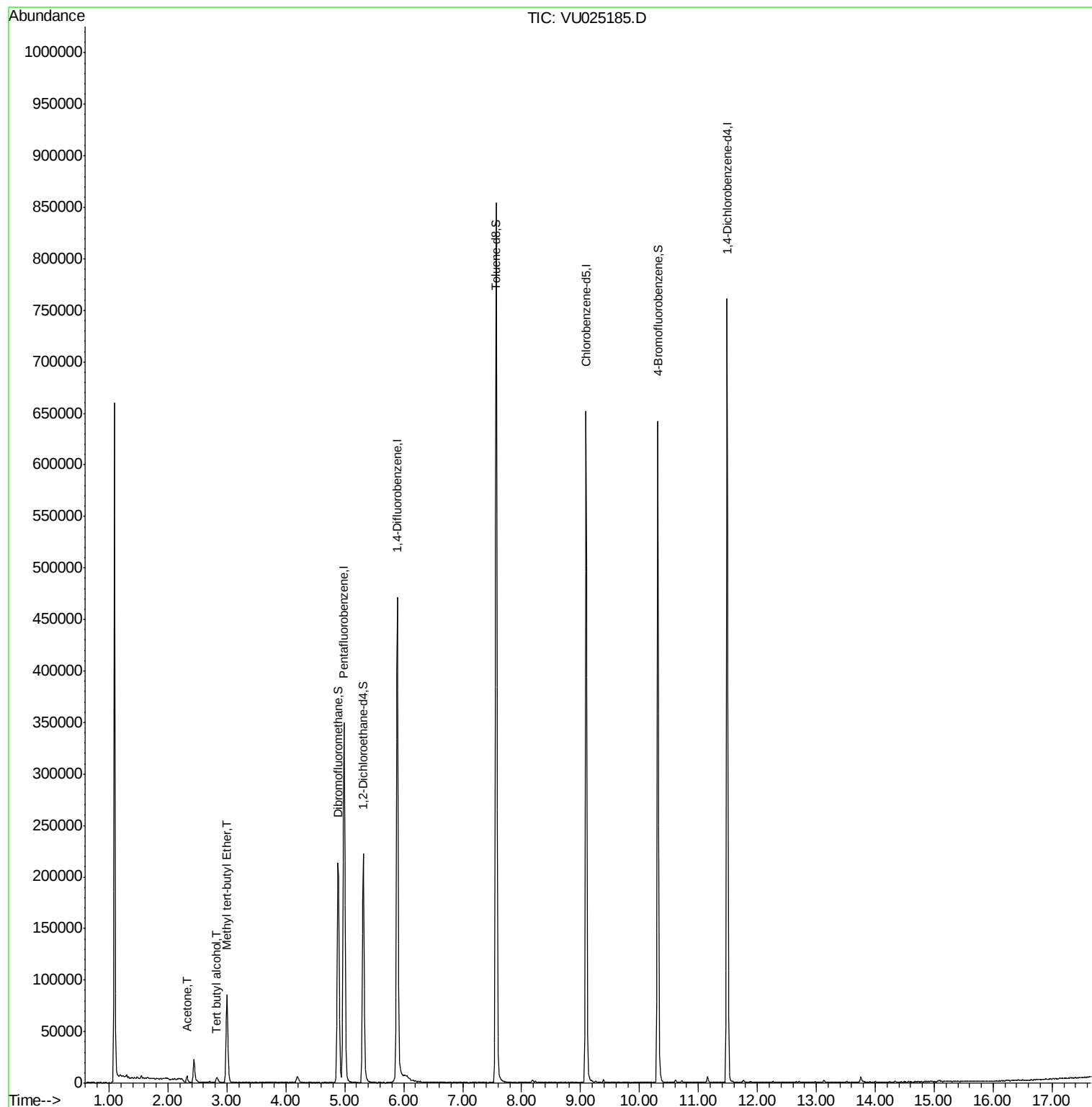
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	270422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	398416	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	363272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	198245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	184450	41.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.56%	
35) Dibromofluoromethane	4.89	113	144712	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
50) Toluene-d8	7.57	98	576861	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	10.31	95	210021	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
Target Compounds						
11) Tert butyl alcohol	2.83	59	5861	5.459	ug/l #	72
16) Acetone	2.32	43	6516	2.747	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	91642	7.918	ug/l	97

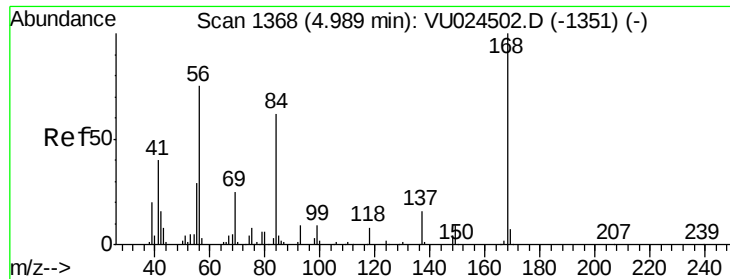
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025185.D

Acq: 03 Jul 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

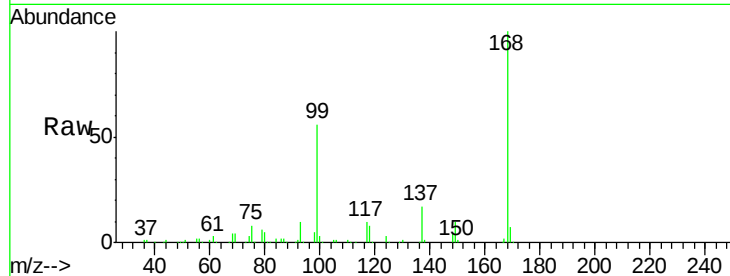
MW-13-062818

Tot Ion:168 Resp: 270422

Ion Ratio Lower Upper

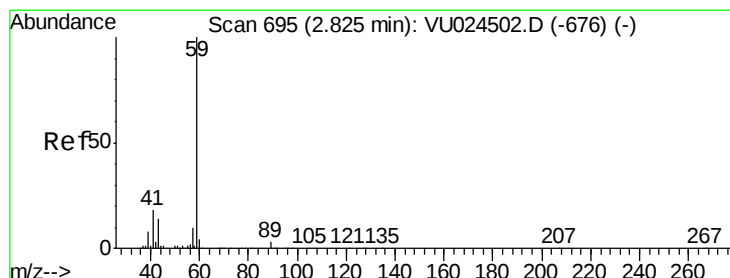
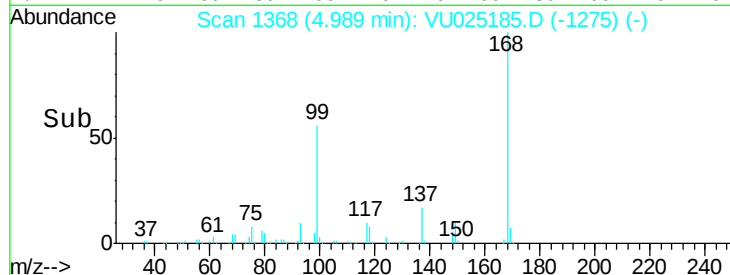
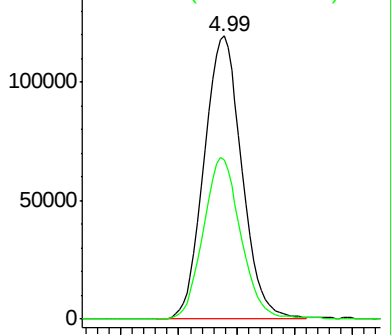
168 100

99 56.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU025185.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU025185.D (-1275) (-)



#11

Tert butyl alcohol

Concen: 5.459 ug/l

RT: 2.83 min Scan# 695

Delta R.T. 0.00 min

Lab File: VU025185.D

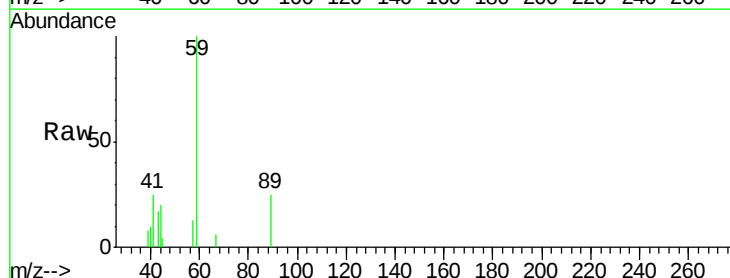
Acq: 03 Jul 2018 12:49

Tgt Ion: 59 Resp: 5861

Ion Ratio Lower Upper

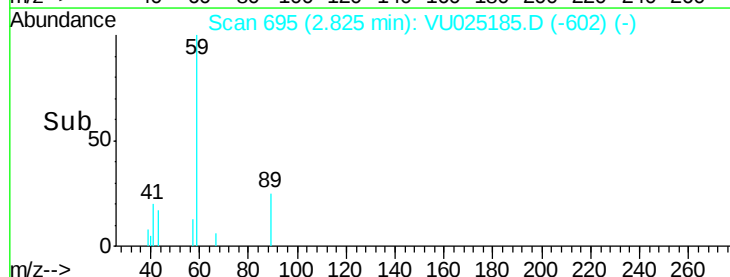
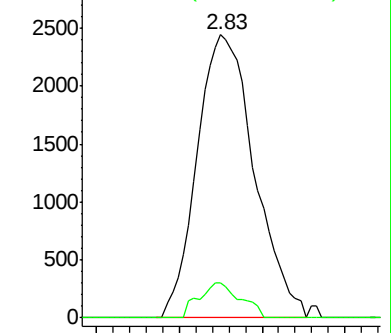
59 100

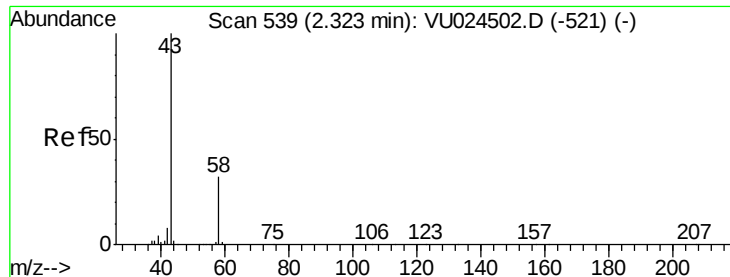
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU025185.D (-602) (-)

Ion 57.00 (56.70 to 57.70): VU025185.D (-602) (-)





#16

Acetone

Concen: 2.747 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025185.D

Acq: 03 Jul 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

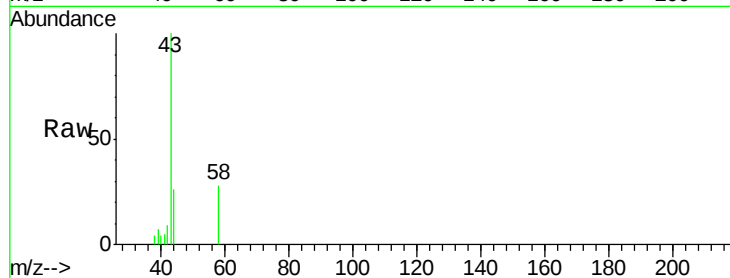
MW-13-062818

Tot Ion: 43 Resp: 6516

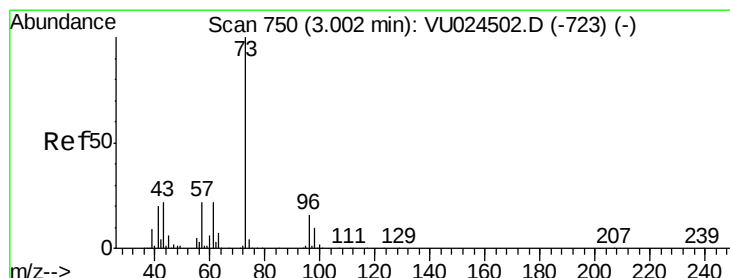
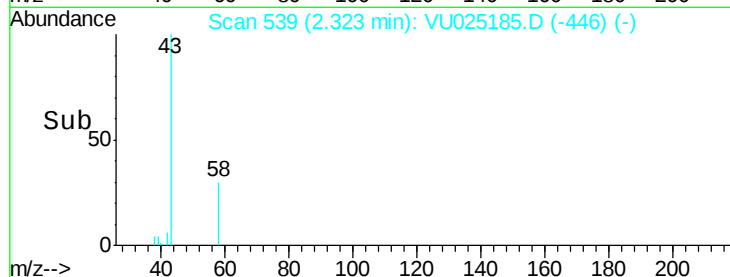
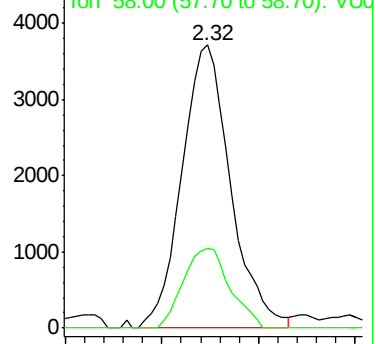
Ion Ratio Lower Upper

43 100

58 28.2 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)



#19

Methyl tert-butyl Ether

Concen: 7.918 ug/l

RT: 3.00 min Scan# 750

Delta R.T. 0.00 min

Lab File: VU025185.D

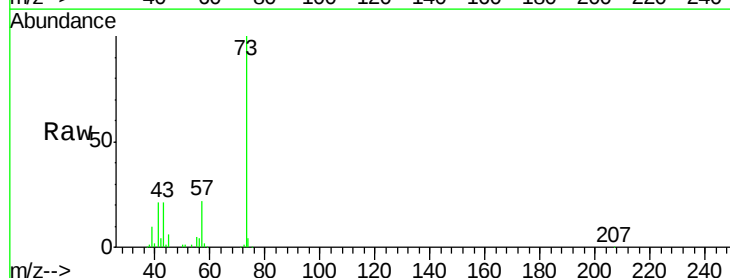
Acq: 03 Jul 2018 12:49

Tgt Ion: 73 Resp: 91642

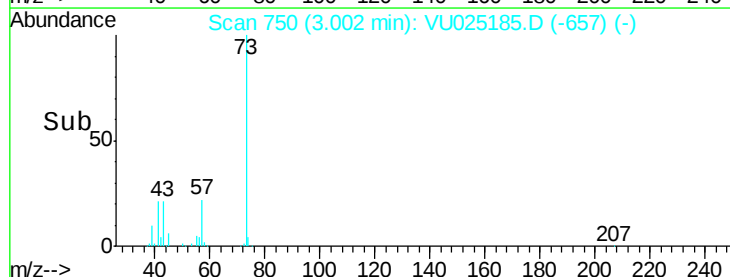
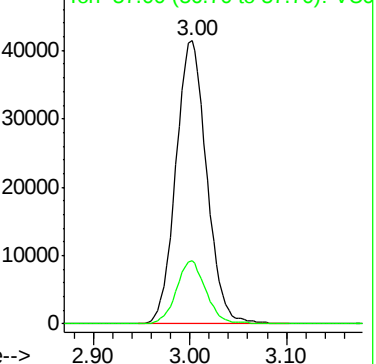
Ion Ratio Lower Upper

73 100

57 22.2 18.8 28.2



Abundance Ion 73.00 (72.70 to 73.70): VU024502.D (-723) (-)

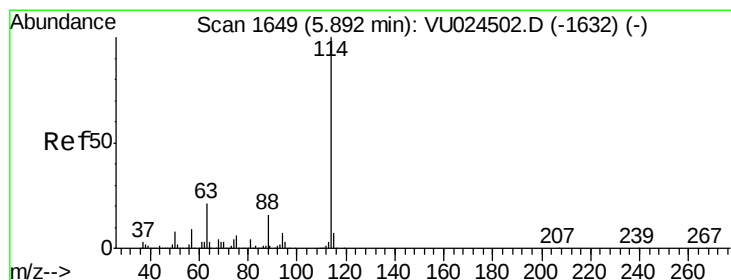
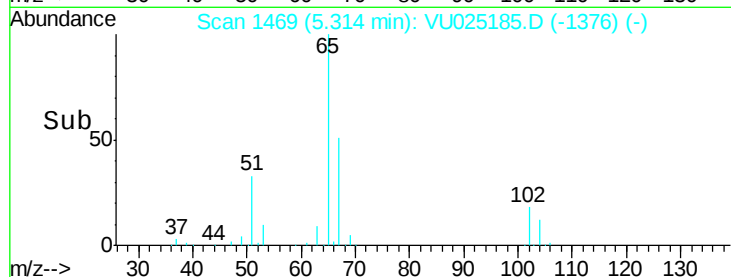
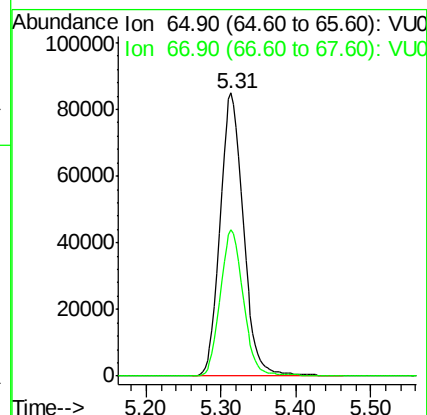
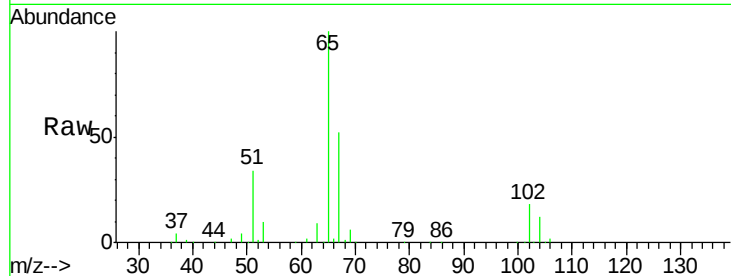




#33
 1,2-Dichloroethane-d4
 Concen: 41.781 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU025185.D
 Acq: 03 Jul 2018 12:49

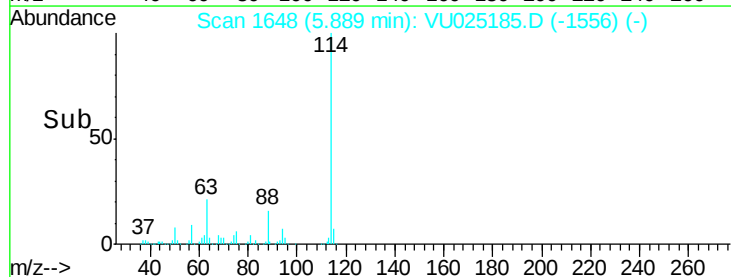
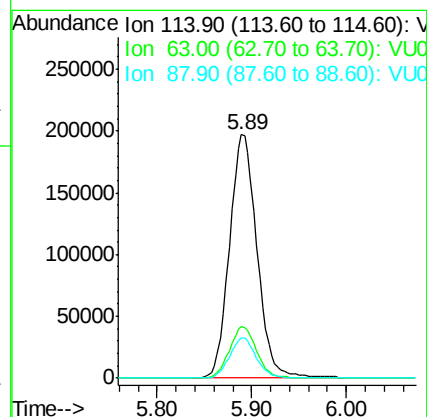
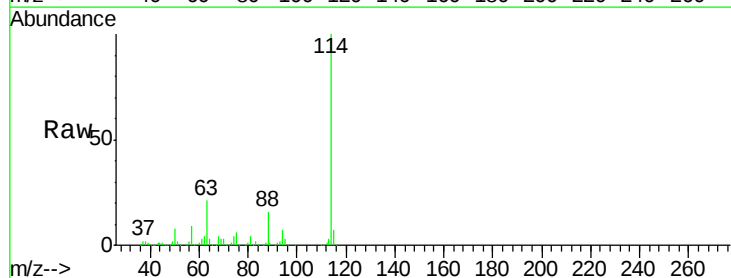
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-13-062818

Tot Ion: 65 Resp: 184450
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025185.D
 Acq: 03 Jul 2018 12:49

Tgt Ion: 114 Resp: 398416
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.4
 88 16.4 0.0 31.0

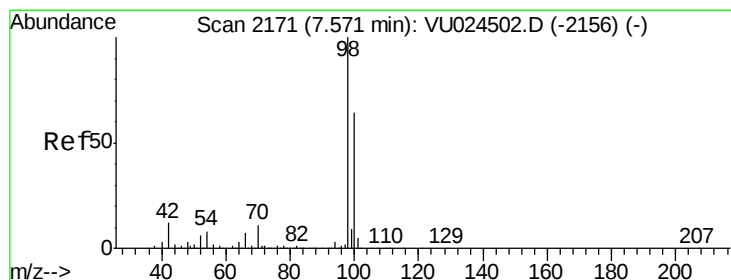
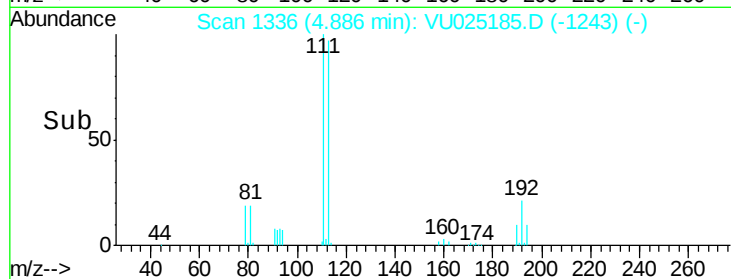
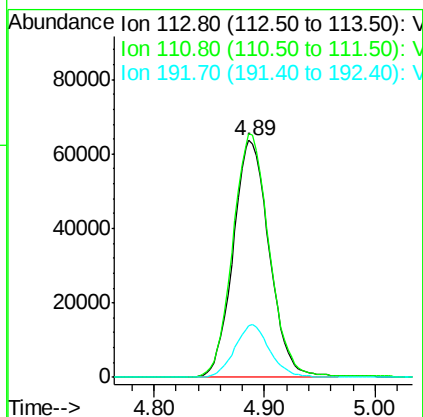
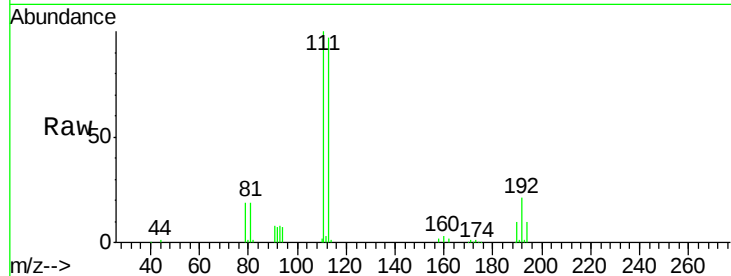




#35
Dibromofluoromethane
Concen: 43.765 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025185.D
Acq: 03 Jul 2018 12:49

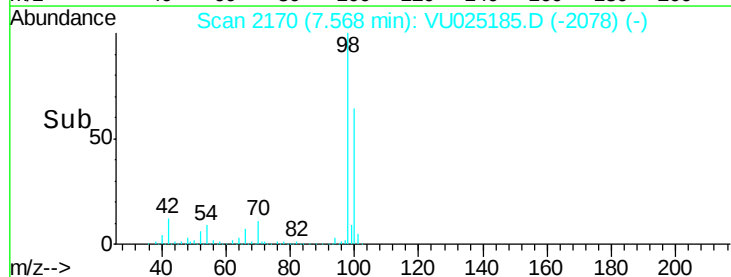
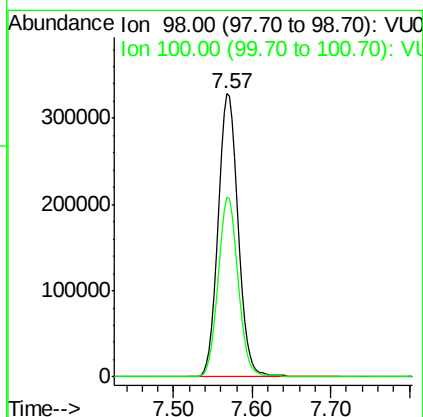
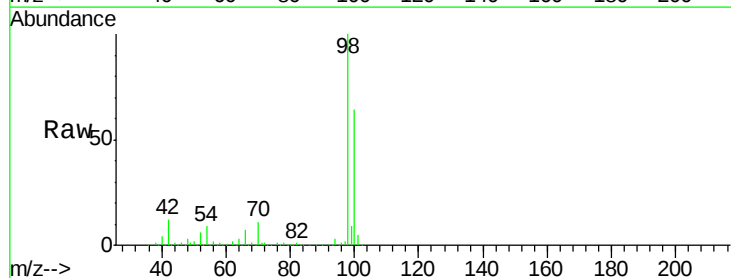
Instrument :
MSVOA_U
ClientSampleId :
MW-13-062818

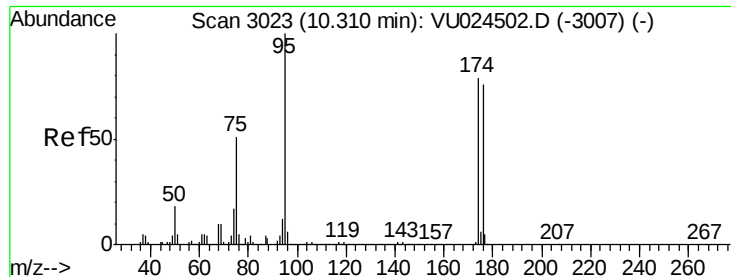
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	21.5	16.2	24.4



#50
Toluene-d8
Concen: 47.829 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025185.D
Acq: 03 Jul 2018 12:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	51.1	76.7

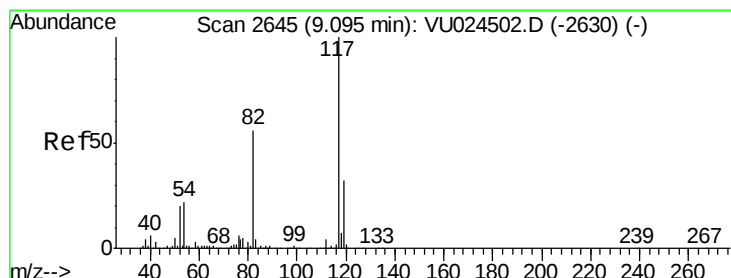
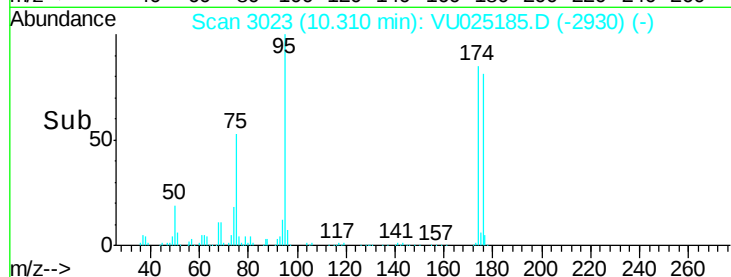
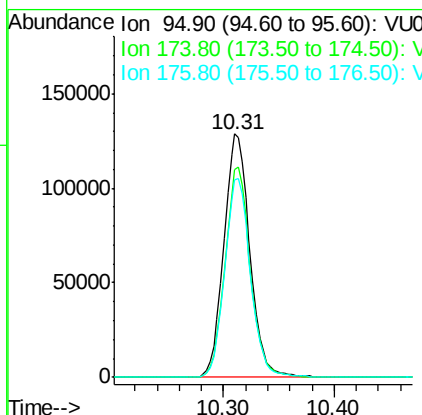
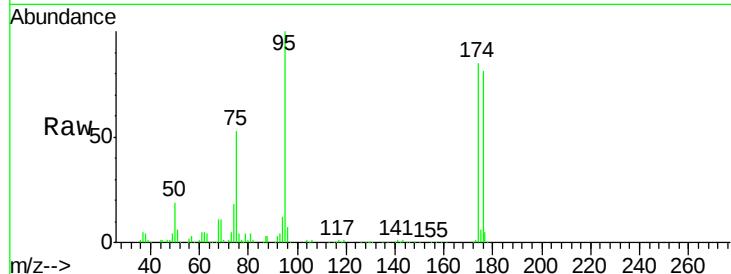




#62
4-Bromofluorobenzene
Concen: 43.858 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025185.D
Acq: 03 Jul 2018 12:49

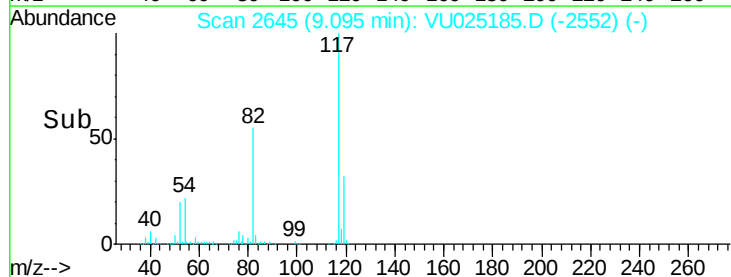
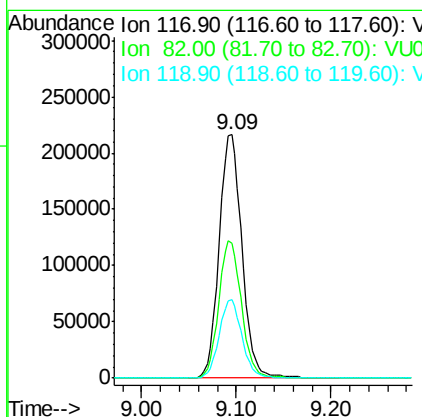
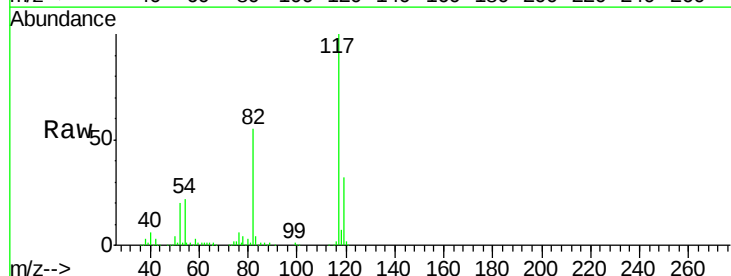
Instrument :
MSVOA_U
ClientSampleId :
MW-13-062818

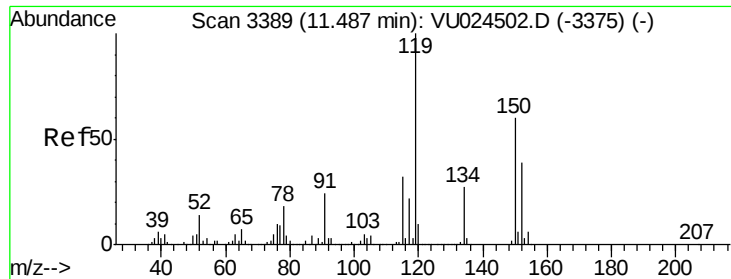
Tot Ion: 95 Resp: 210021
Ion Ratio Lower Upper
95 100
174 84.2 0.0 165.8
176 81.2 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU025185.D
Acq: 03 Jul 2018 12:49

Tgt Ion: 117 Resp: 363272
Ion Ratio Lower Upper
117 100
82 55.5 44.3 66.5
119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025185.D

Acq: 03 Jul 2018 12:49

Instrument :

MSVOA_U

ClientSampleId :

MW-13-062818

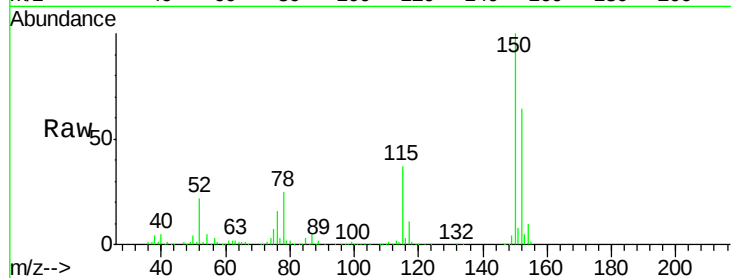
Tot Ion:152 Resp: 198245

Ion Ratio Lower Upper

152 100

115 58.1 43.0 129.0

150 158.4 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

