

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024726.D
 Acq On : 19 Jun 2018 06:21
 Operator : MD/SY
 Sample : J3535-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS042MW024-180613

Quant Time: Jun 19 08:40:40 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	190905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	304650	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	278795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148834	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	132654	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
35) Dibromofluoromethane	4.89	113	117602	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
50) Toluene-d8	7.57	98	442301	47.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	10.31	95	153502	41.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.84%	

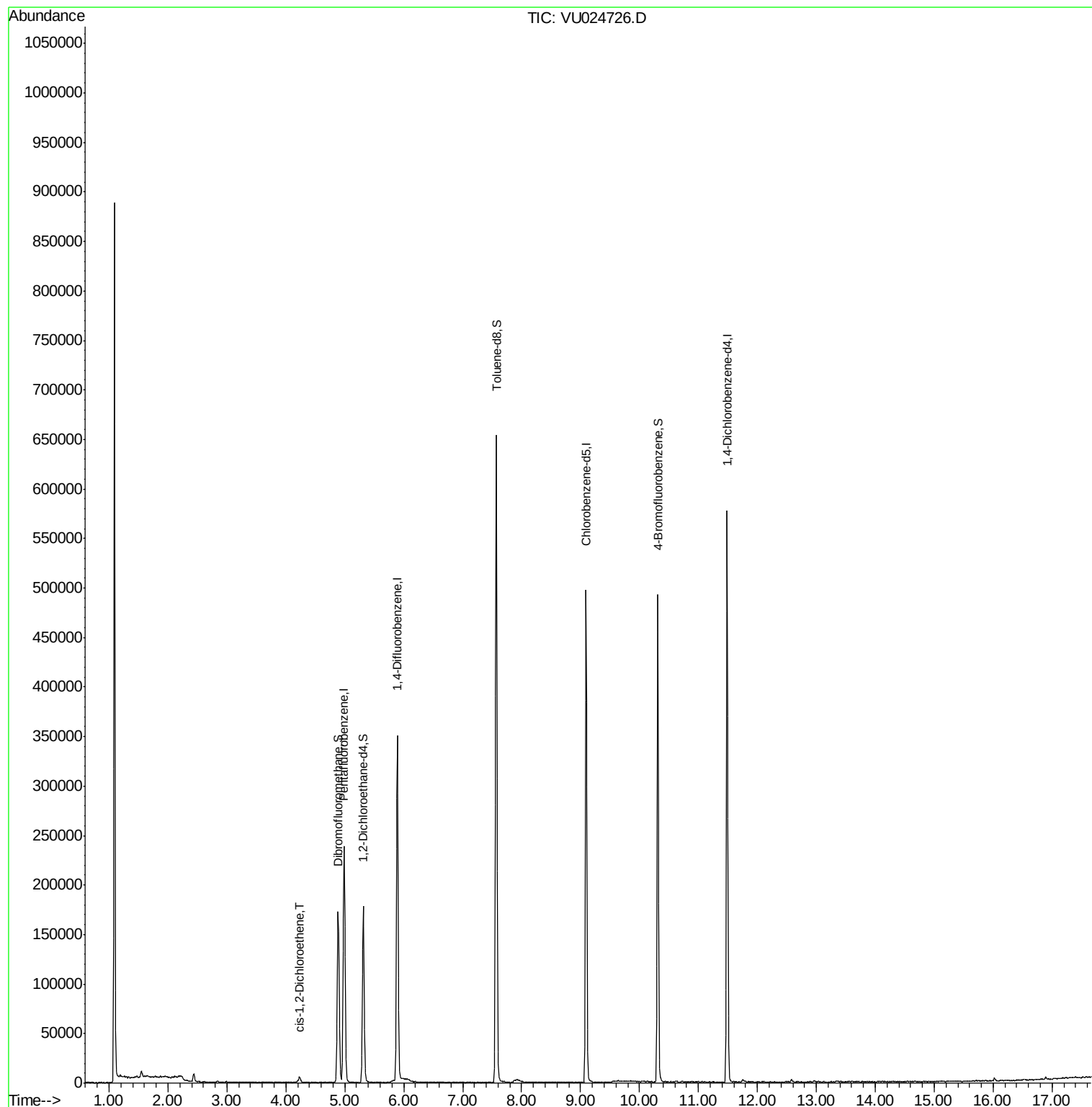
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.24	96	3664	1.33	ug/l	79

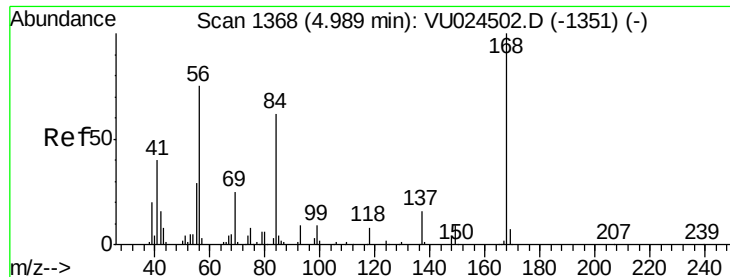
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024726.D

Acq: 19 Jun 2018 06:21

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MSVOA_U

ClientSampleId :

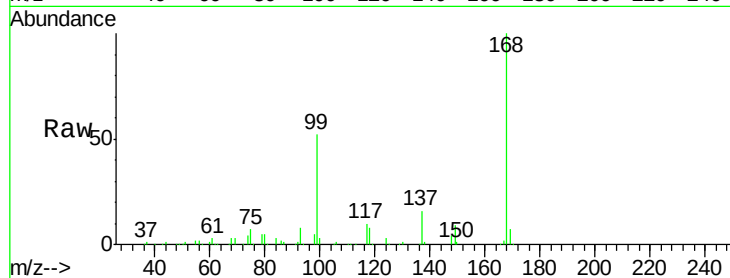
SS042MW024-180613

Tot Ion:168 Resp: 190905

Ion Ratio Lower Upper

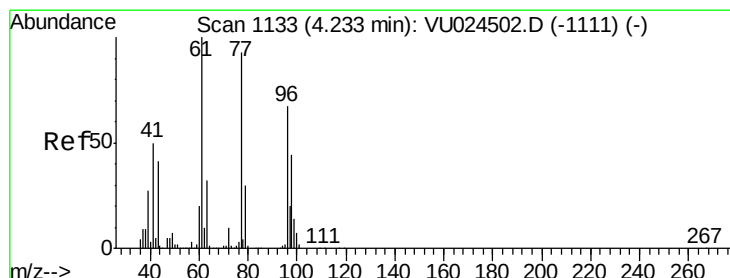
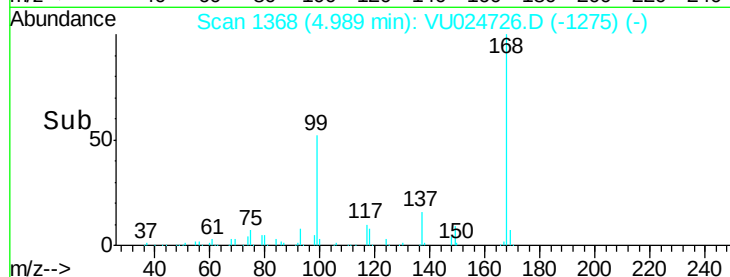
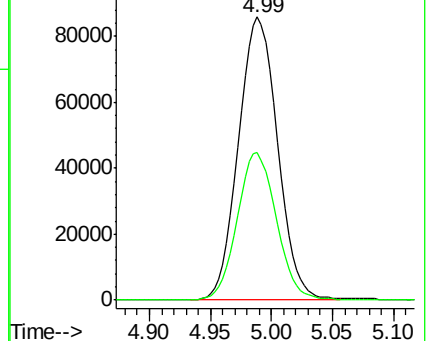
168 100

99 52.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024726.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024726.D (-1275) (-)



#27

cis-1,2-Dichloroethene

Concen: 1.33 ug/l

RT: 4.24 min Scan# 1135

Delta R.T. 0.01 min

Lab File: VU024726.D

Acq: 19 Jun 2018 06:21

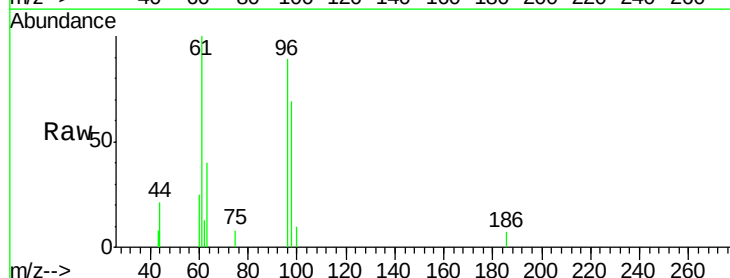
Tgt Ion: 96 Resp: 3664

Ion Ratio Lower Upper

96 100

61 114.7 0.0 306.6

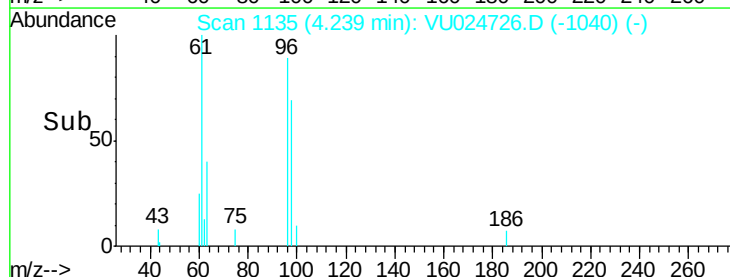
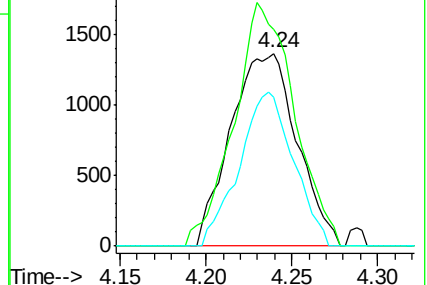
98 65.0 0.0 128.8

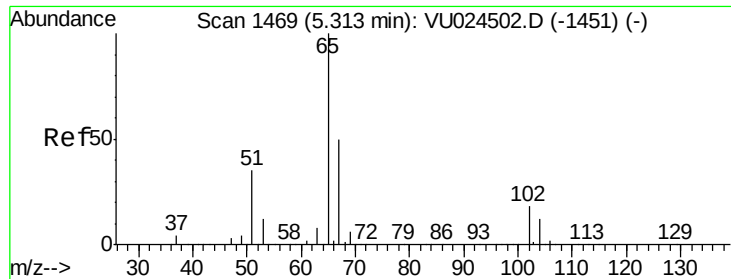


Abundance Ion 95.90 (95.60 to 96.60): VU024726.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024726.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024726.D (-1040) (-)

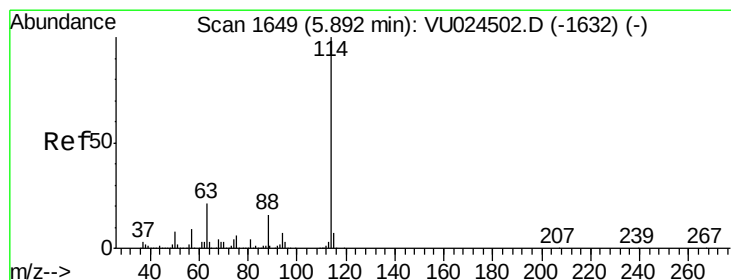
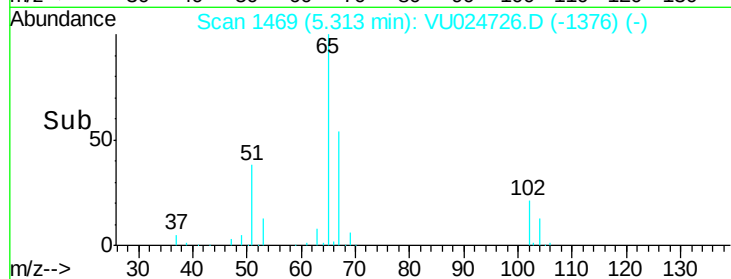
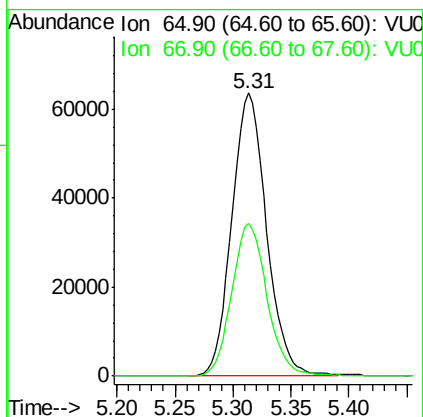
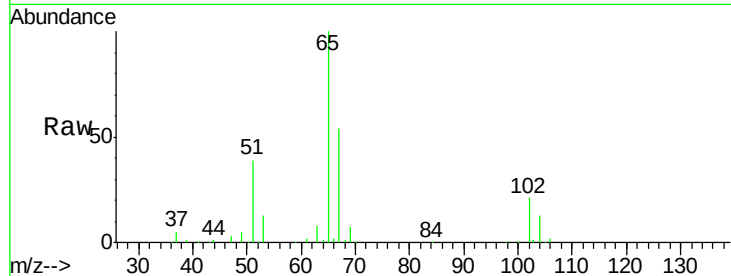




#33
 1,2-Dichloroethane-d4
 Concen: 42.56 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024726.D
 Acq: 19 Jun 2018 06:21

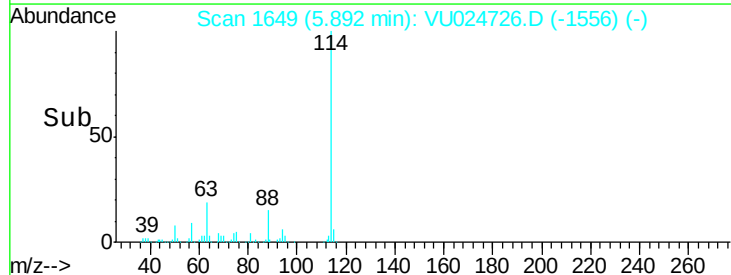
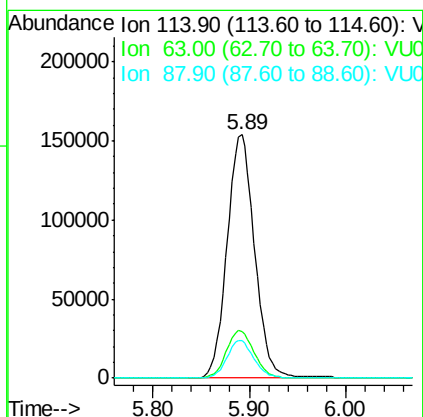
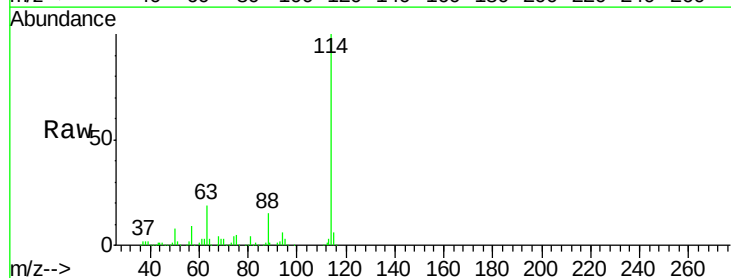
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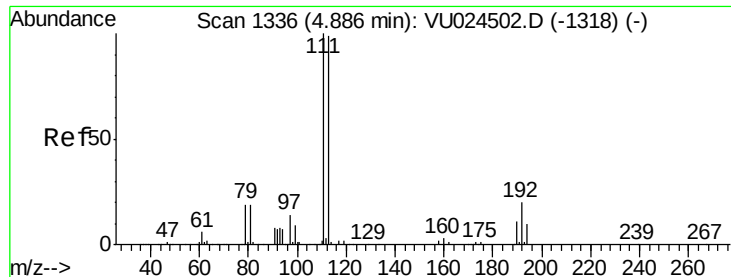
Tot Ion: 65 Resp: 132654
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024726.D
 Acq: 19 Jun 2018 06:21

Tgt Ion: 114 Resp: 304650
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 45.4
 88 15.4 0.0 31.0

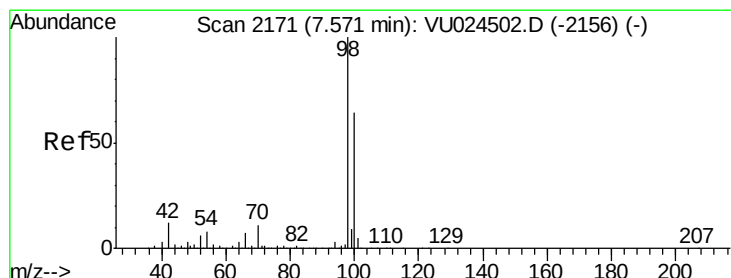
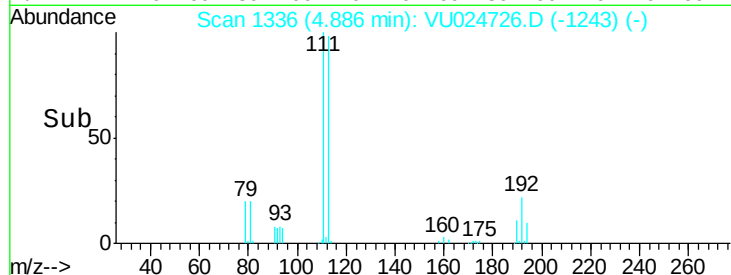
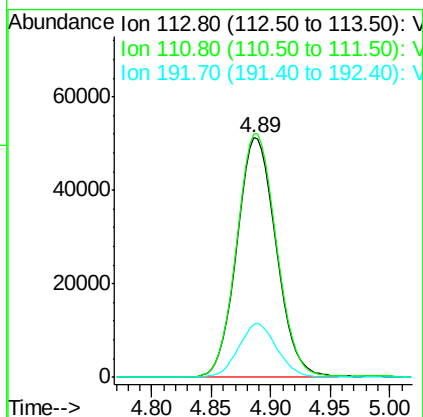
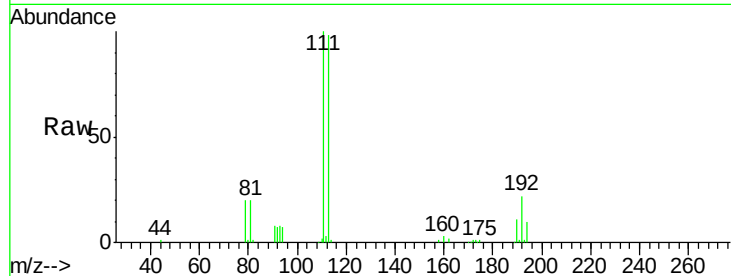




#35
 Dibromofluoromethane
 Concen: 46.51 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024726.D
 Acq: 19 Jun 2018 06:21

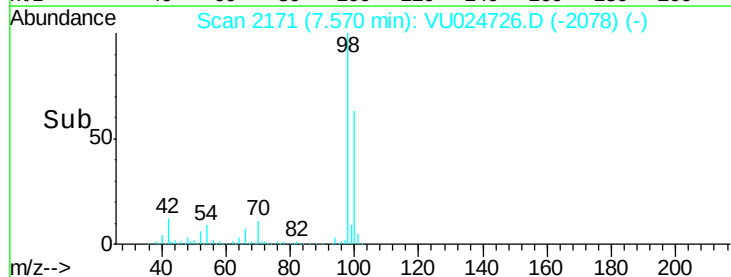
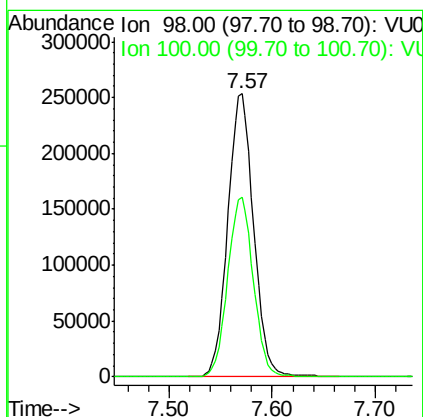
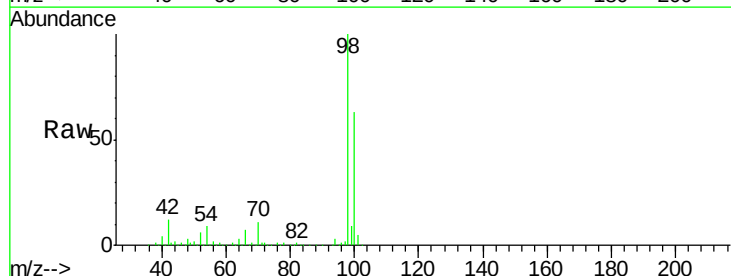
Instrument :
 MSVOA_U
 ClientSampleId :
 SS042MW024-180613

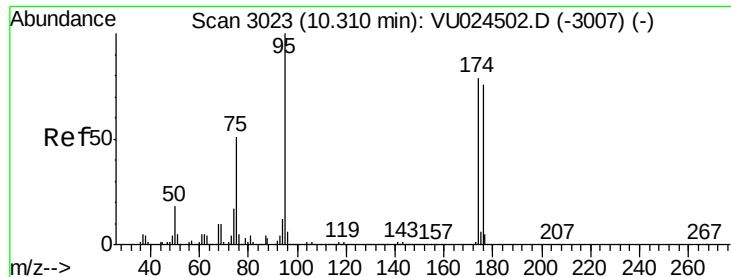
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.2	123.4
192	21.9	16.2	24.4



#50
 Toluene-d8
 Concen: 47.96 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VU024726.D
 Acq: 19 Jun 2018 06:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.1	76.7

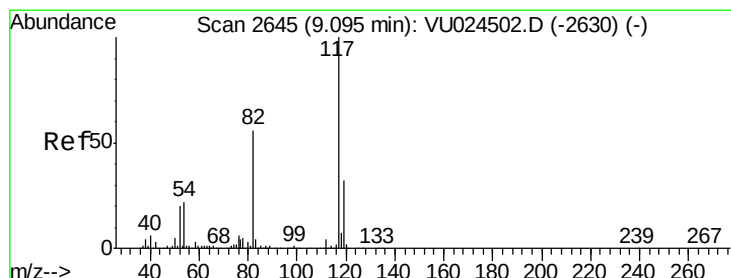
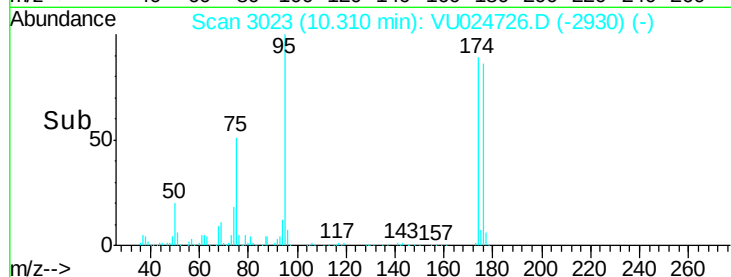
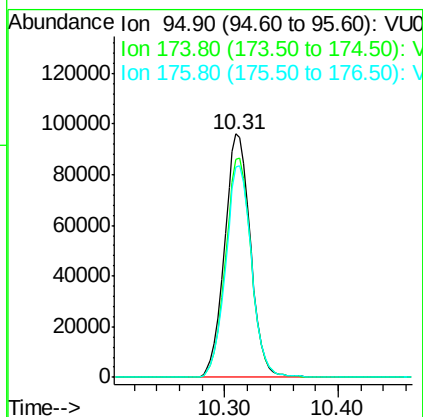
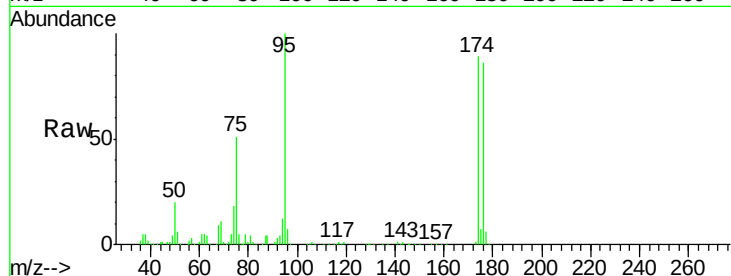




#62
4-Bromofluorobenzene
Concen: 41.92 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

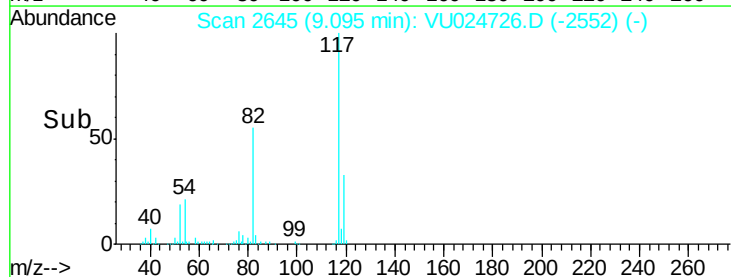
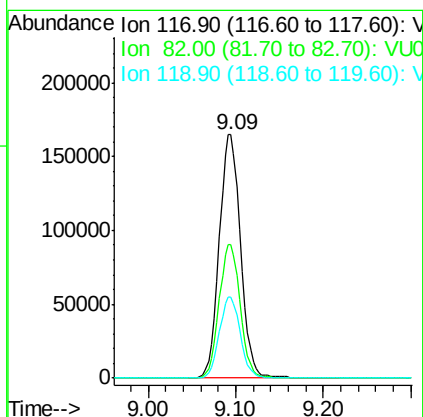
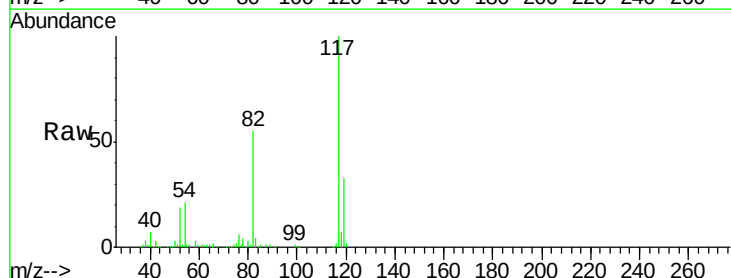
Instrument :
MSVOA_U
ClientSampleId :
SS042MW024-180613

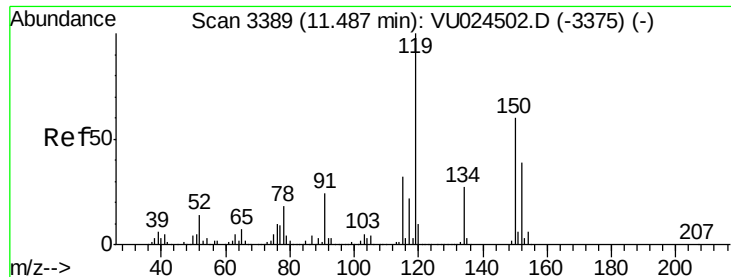
Tot Ion: 95 Resp: 153502
Ion Ratio Lower Upper
95 100
174 89.1 0.0 165.8
176 86.7 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024726.D
Acq: 19 Jun 2018 06:21

Tgt Ion: 117 Resp: 278795
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 33.3 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: VU024726.D

Acq: 19 Jun 2018 06:21

Instrument :

MSVOA_U

ClientSampleId :

SS042MW024-180613

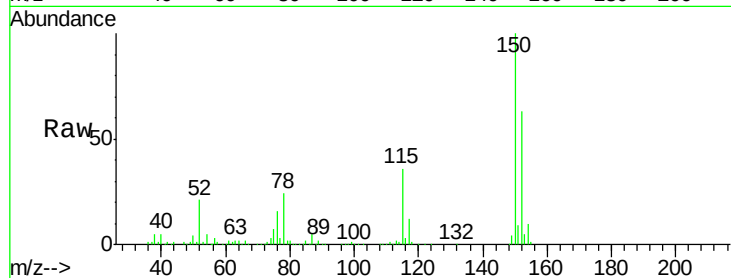
Tot Ion:152 Resp: 148834

Ion Ratio Lower Upper

152 100

115 56.8 43.0 129.0

150 159.4 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

