

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024869.D
 Acq On : 25 Jun 2018 12:54
 Operator : MD/SY
 Sample : J3662-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW002-180618

Quant Time: Jun 26 05:59:31 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

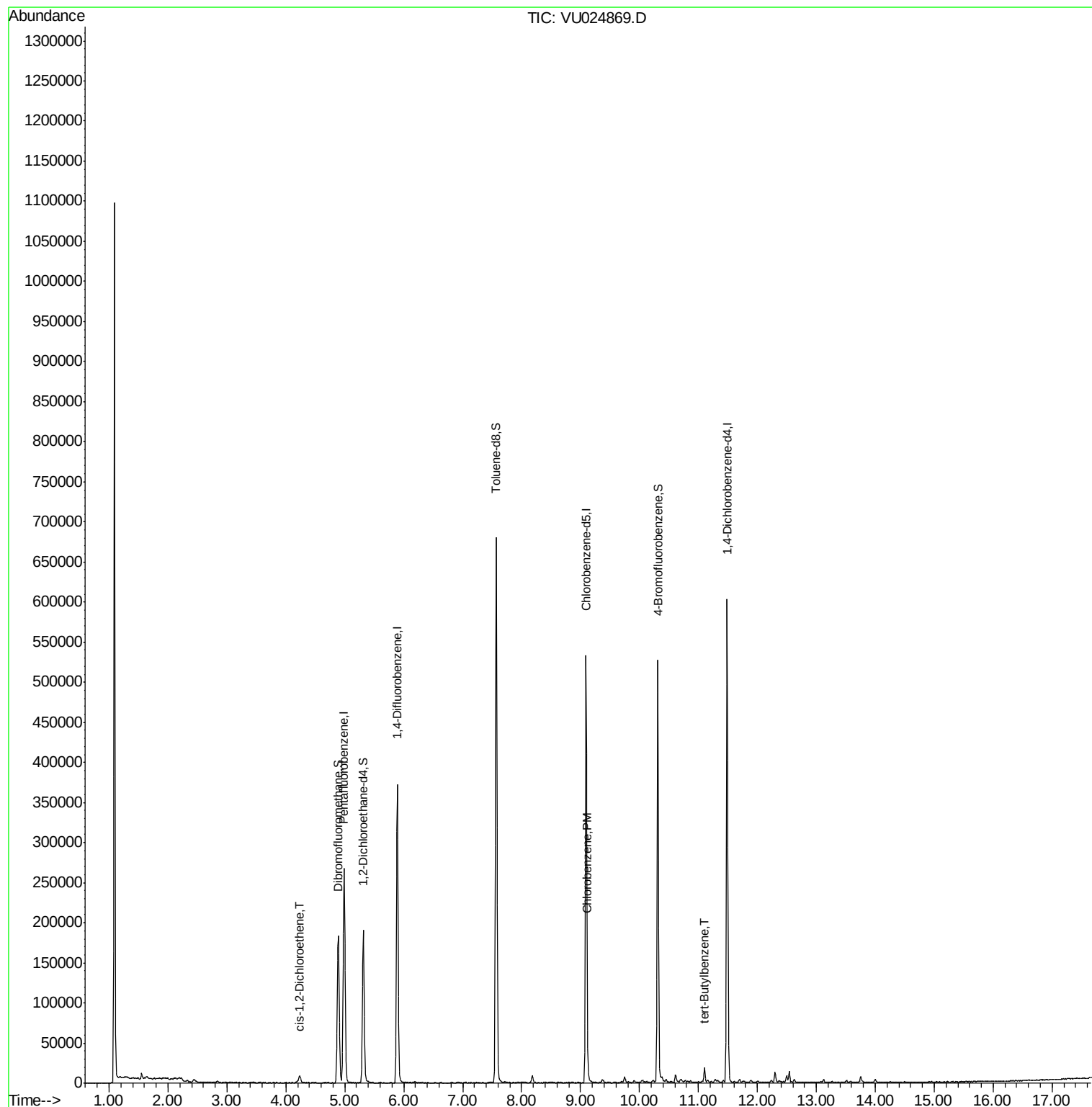
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	318040	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	151706	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.68%	
35) Dibromofluoromethane	4.89	113	124335	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
50) Toluene-d8	7.57	98	455530	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	10.31	95	167749	43.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.76%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.24	96	5014	1.68	ug/l	87
65) Chlorobenzene	9.12	112	5773	0.77	ug/l	89
83) tert-Butylbenzene	11.10	119	8325	0.83	ug/l	88

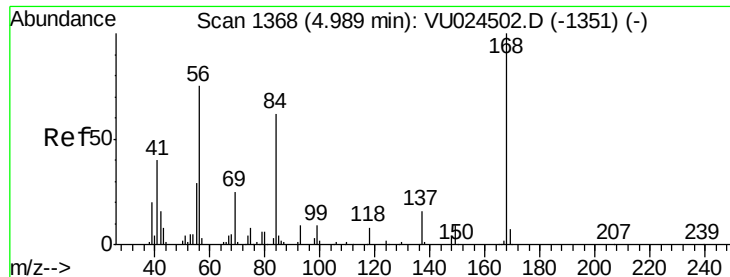
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024869.D

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ClientSampleId :

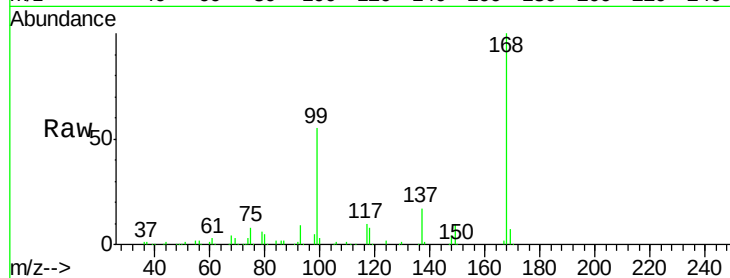
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Tot Ion:168 Resp: 207224

Ion Ratio Lower Upper

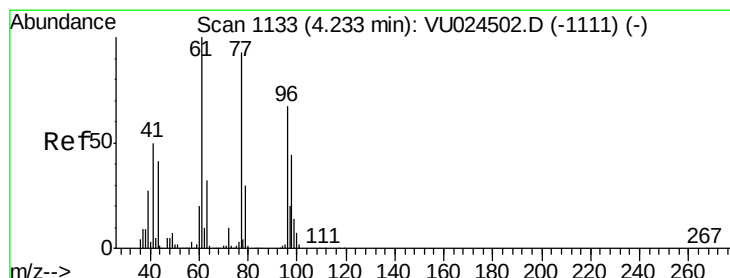
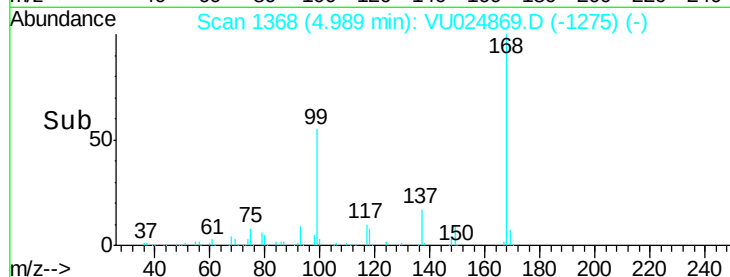
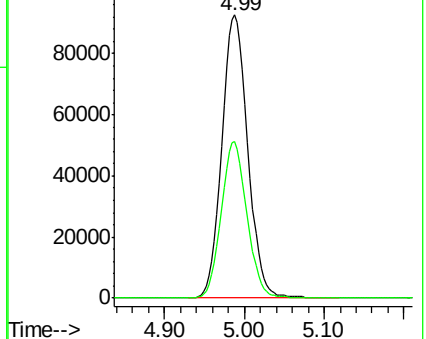
168 100

99 55.2 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024869.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024869.D (-1275) (-)



#27

cis-1,2-Dichloroethene

Concen: 1.68 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024869.D

Acq: 25 Jun 2018 12:54

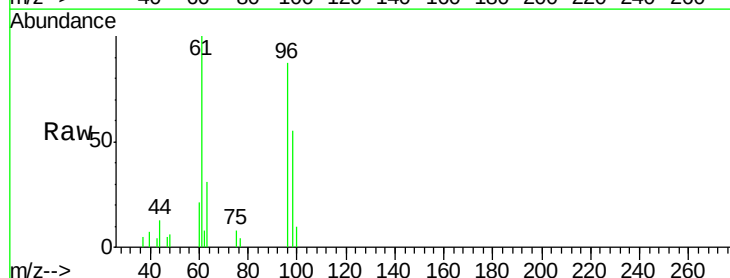
Tgt Ion: 96 Resp: 5014

Ion Ratio Lower Upper

96 100

61 132.9 0.0 306.6

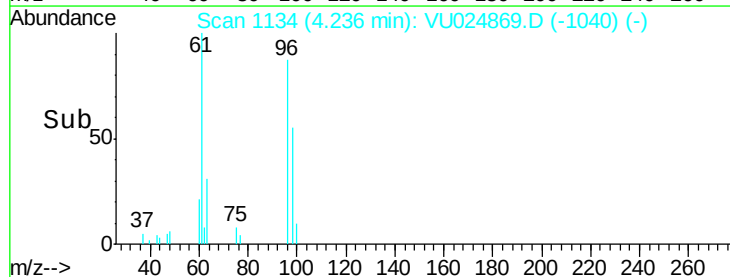
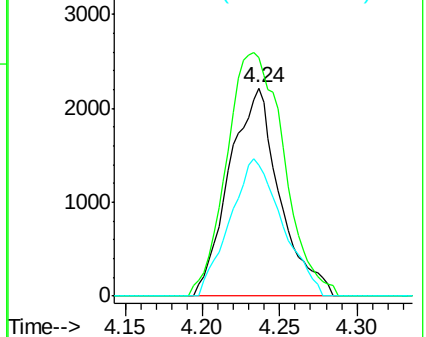
98 68.5 0.0 128.8

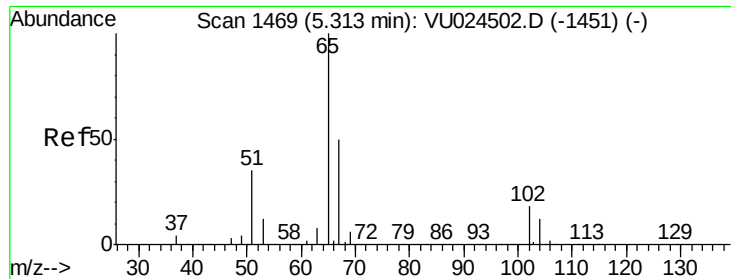


Abundance Ion 95.90 (95.60 to 96.60): VU024869.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024869.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024869.D (-1040) (-)

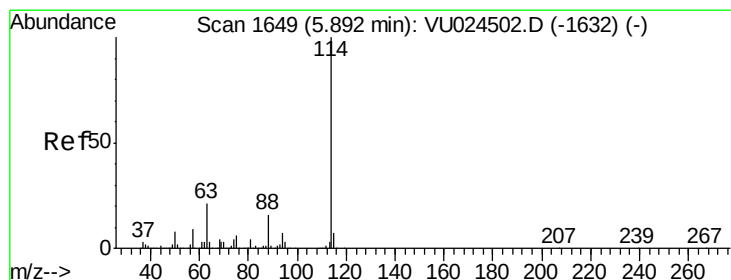
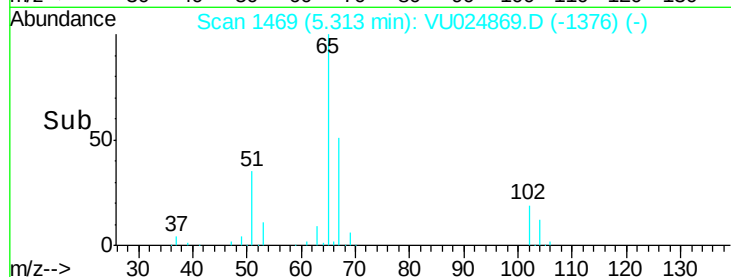
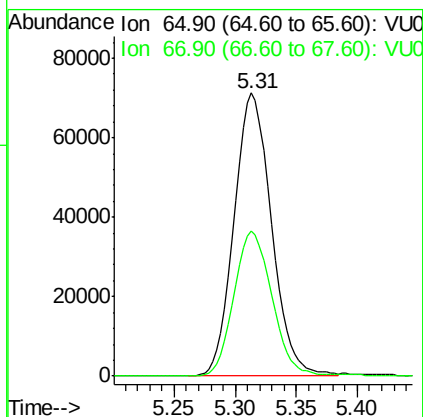
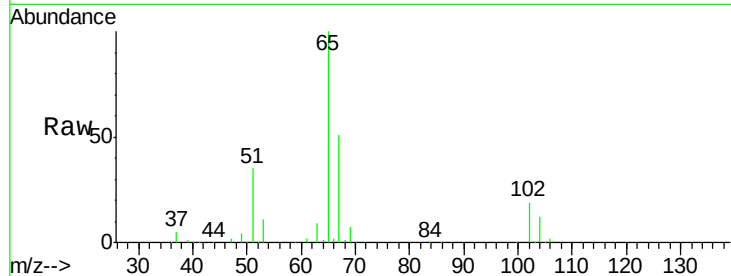




#33
 1,2-Dichloroethane-d4
 Concen: 44.84 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024869.D
 Acq: 25 Jun 2018 12:54

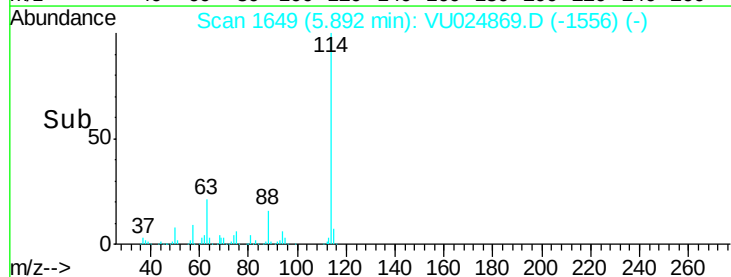
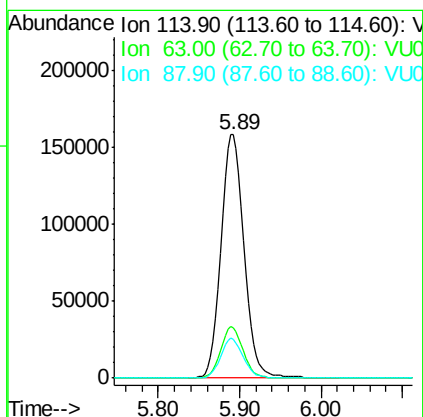
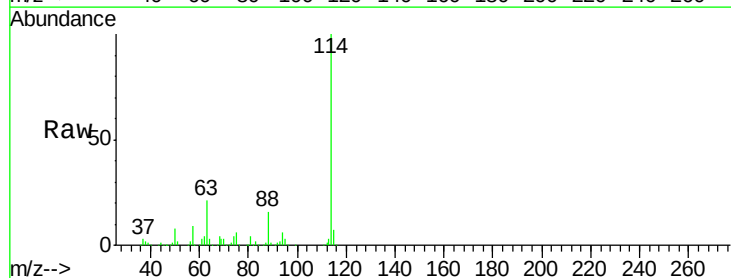
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 WP021MW002-180618

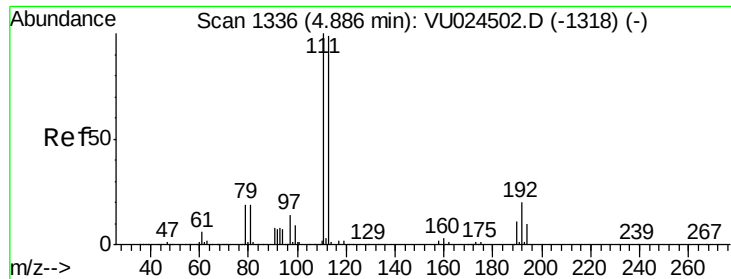
Tot Ion: 65 Resp: 151706
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024869.D
 Acq: 25 Jun 2018 12:54

Tgt Ion: 114 Resp: 318040
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 45.4
 88 15.8 0.0 31.0

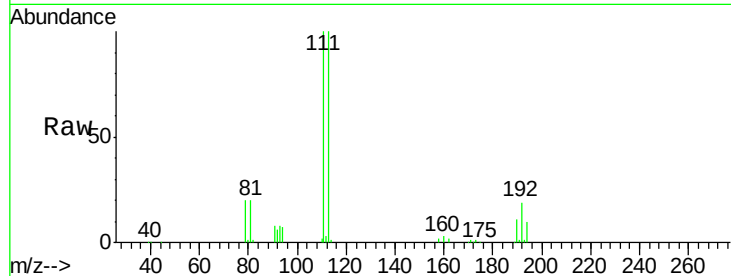




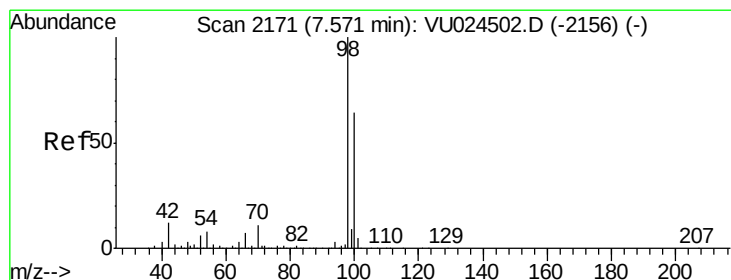
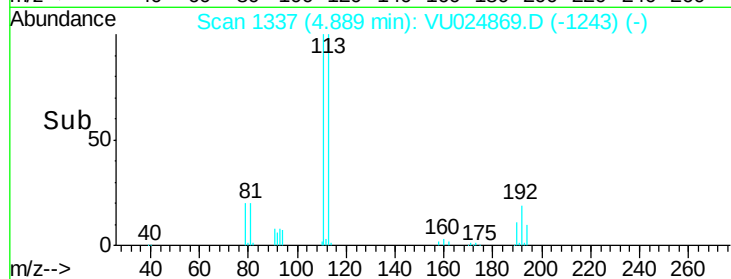
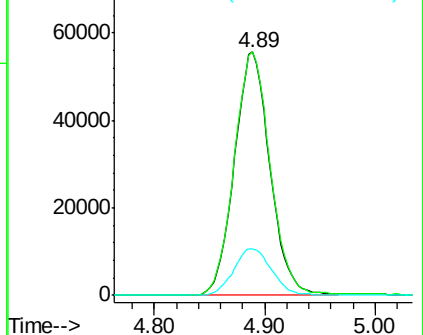
#35
 Dibromofluoromethane
 Concen: 47.11 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024869.D
 Acq: 25 Jun 2018 12:54

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW002-180618

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.2	123.4
192	20.4	16.2	24.4

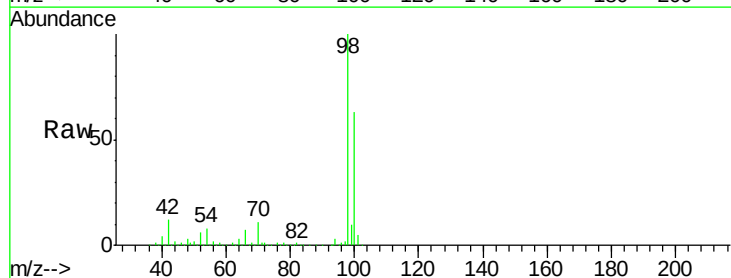


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

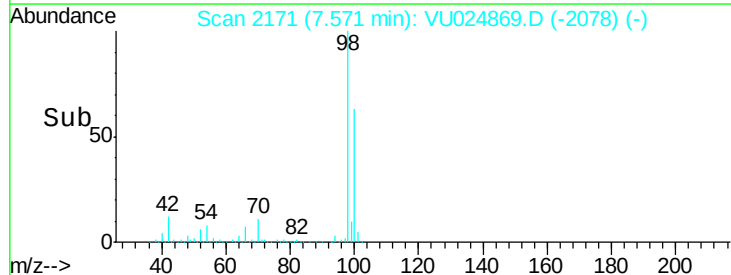
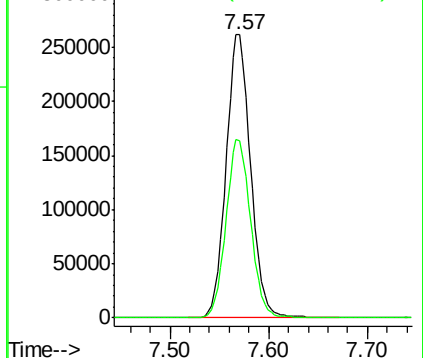


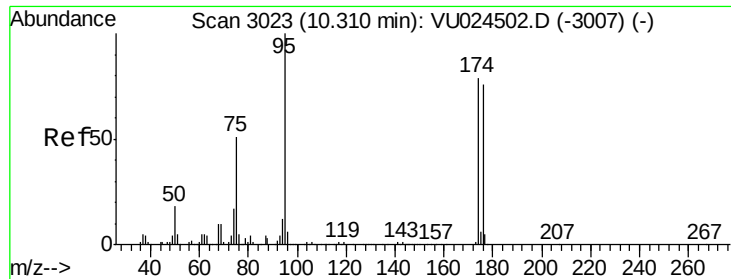
#50
 Toluene-d8
 Concen: 47.31 ug/l
 RT: 7.57 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VU024869.D
 Acq: 25 Jun 2018 12:54

Tgt 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): VU

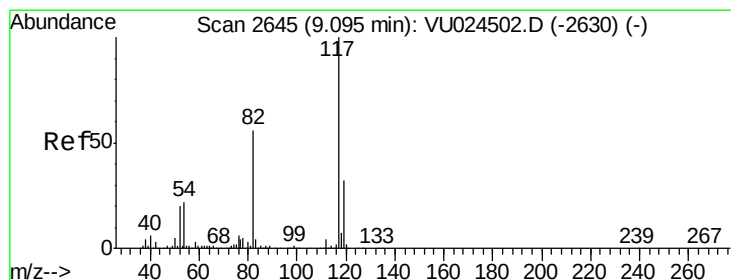
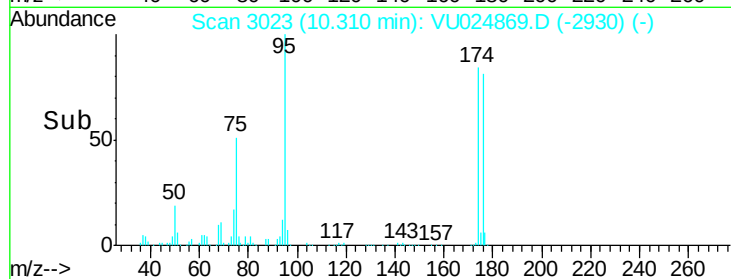
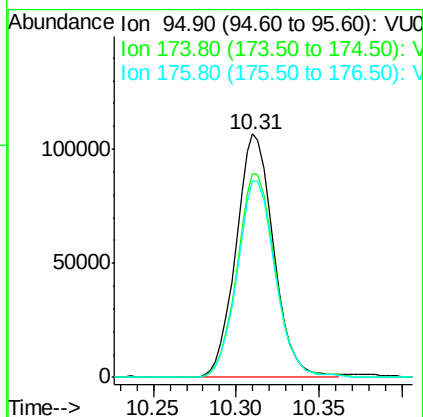
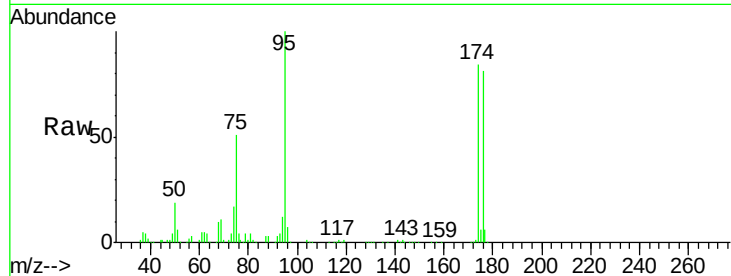




#62
4-Bromofluorobenzene
Concen: 43.88 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024869.D
Acq: 25 Jun 2018 12:54

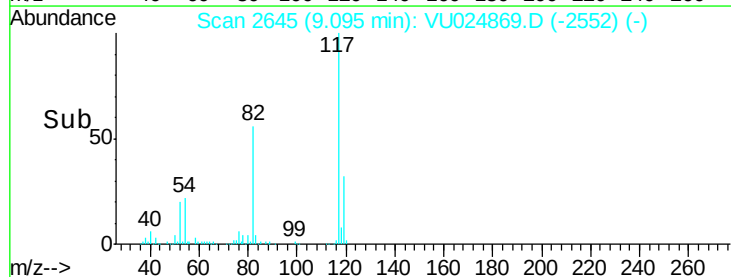
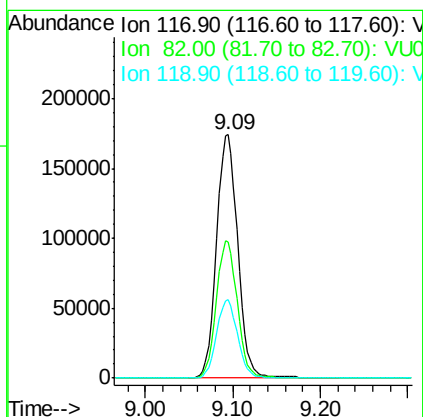
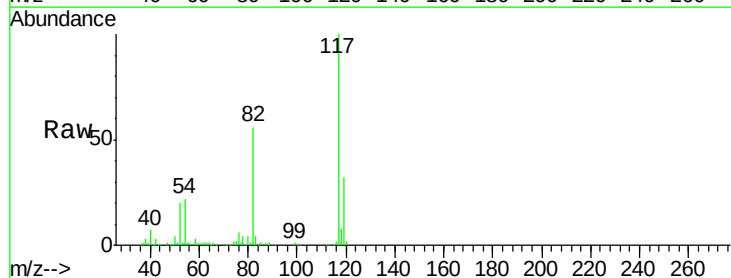
Instrument :
MSVOA_U
ClientSampleId :
WP021MW002-180618

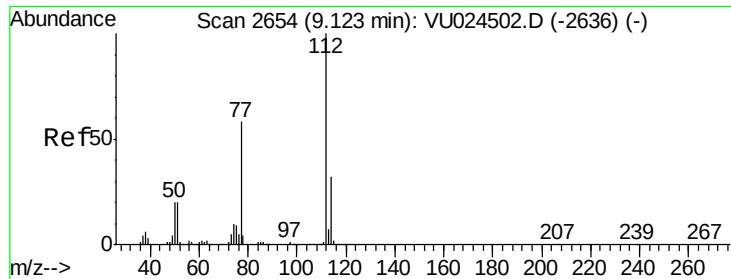
Tot Ion: 95 Resp: 167749
Ion Ratio Lower Upper
95 100
174 85.5 0.0 165.8
176 82.0 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024869.D
Acq: 25 Jun 2018 12:54

Tgt Ion: 117 Resp: 293564
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 32.1 25.4 38.2

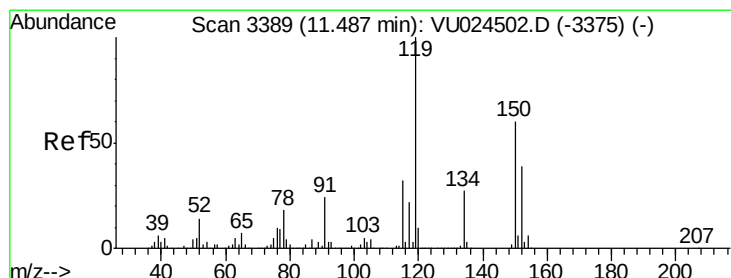
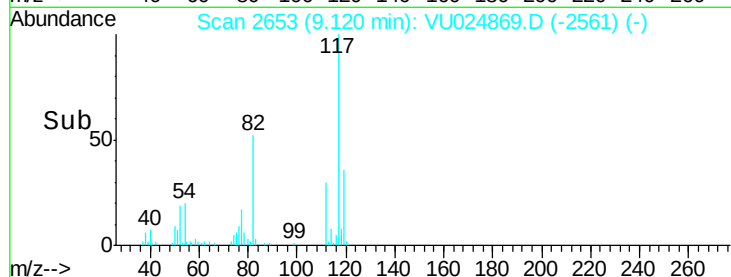
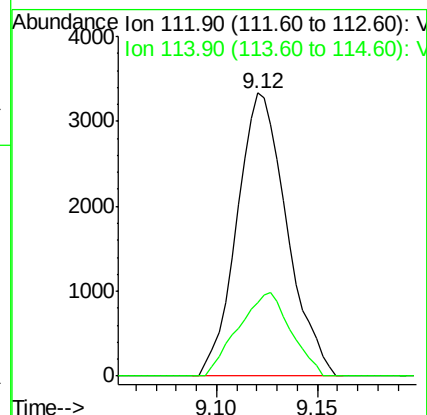
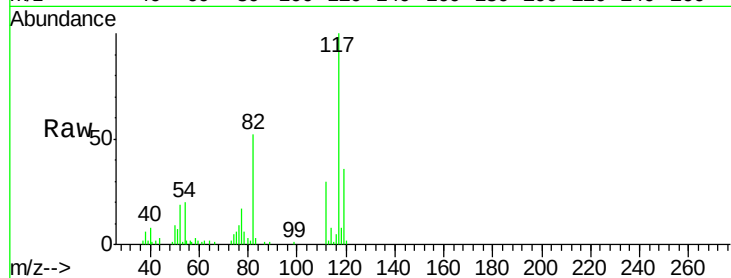




#65
Chlorobenzene
Concen: 0.77 ug/l
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU024869.D
Acq: 25 Jun 2018 12:54

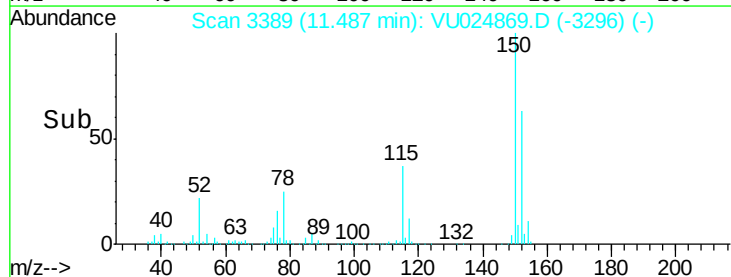
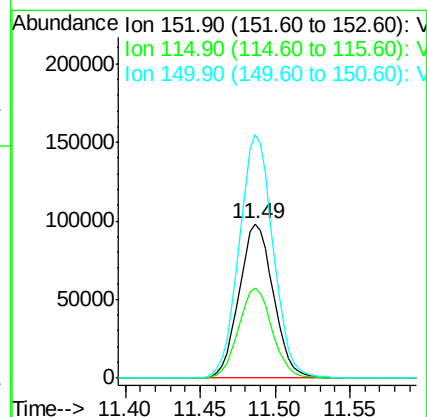
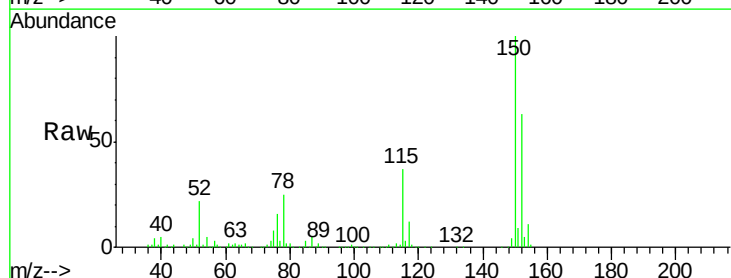
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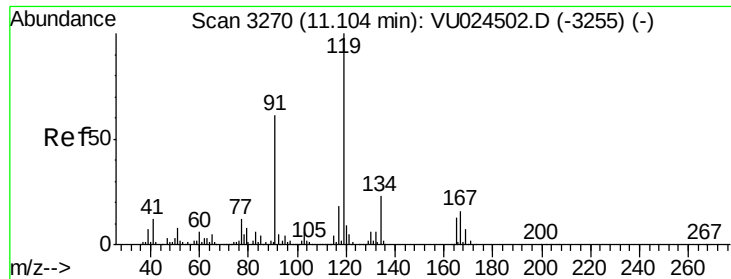
Tot Ion:112 Resp: 5773
Ion Ratio Lower Upper
112 100
114 26.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024869.D
Acq: 25 Jun 2018 12:54

Tgt Ion:152 Resp: 156501
Ion Ratio Lower Upper
152 100
115 57.4 43.0 129.0
150 156.6 0.0 354.0





#83

tert-Butylbenzene

Concen: 0.83 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024869.D

Acq: 25 Jun 2018 12:54

Instrument :

MSVOA_U

ClientSampleId :

WP021MW002-180618

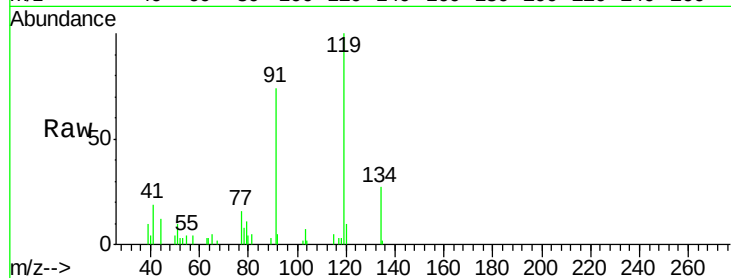
Tot Ion:119 Resp: 8325

Ion Ratio Lower Upper

119 100

91 71.5 29.7 89.1

134 24.0 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

