

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
 Data File : VU029035.D
 Acq On : 04 Jan 2019 18:18
 Operator : MD/SY
 Sample : K1055-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Quant Time: Jan 05 04:27:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

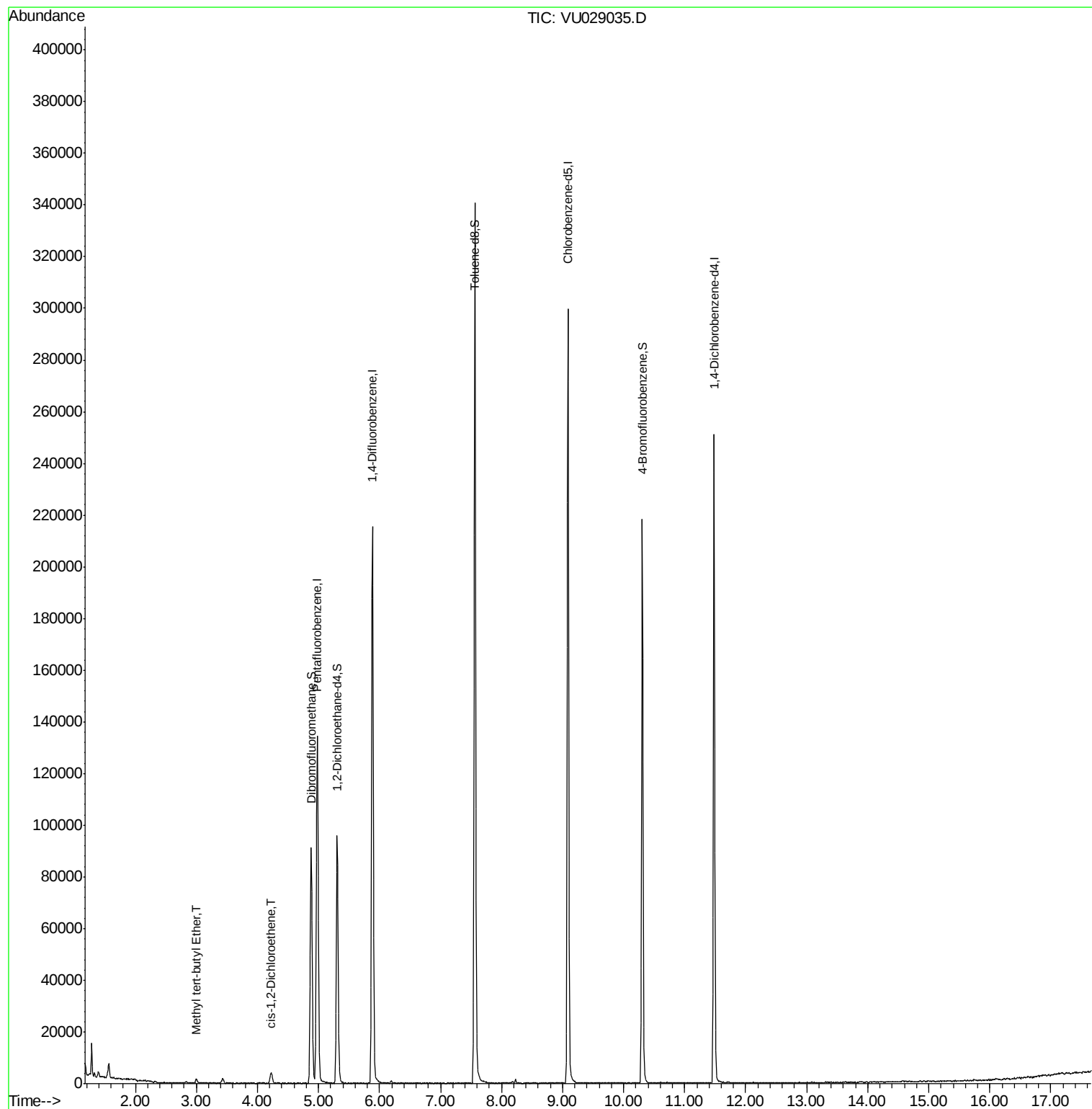
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	188849	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	172867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	67517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	74543	54.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.82%	
35) Dibromofluoromethane	4.88	113	64326	52.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.10%	
50) Toluene-d8	7.56	98	238163	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	10.31	95	73860	42.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.06%	
Target Compounds						
19) Methyl tert-butyl Ether	3.00	73	1925	0.476	ug/l #	89
27) cis-1,2-Dichloroethene	4.22	96	2445	1.674	ug/l	91

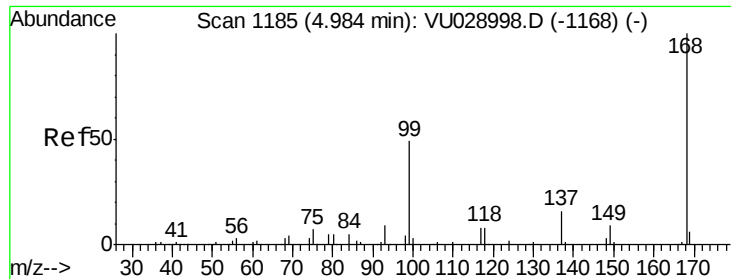
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029035.D

Acq: 04 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampleId :

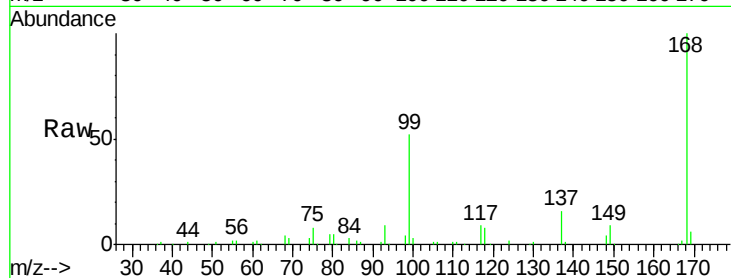
MW-3

Tot Ion:168 Resp: 110835

Ion Ratio Lower Upper

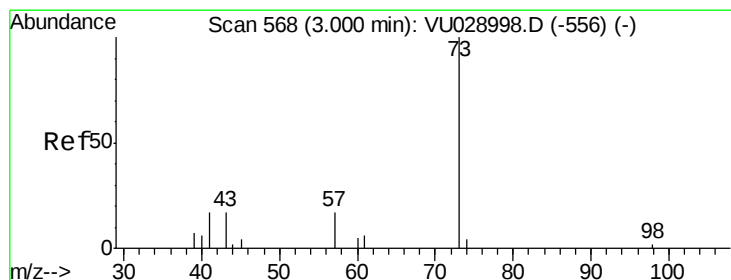
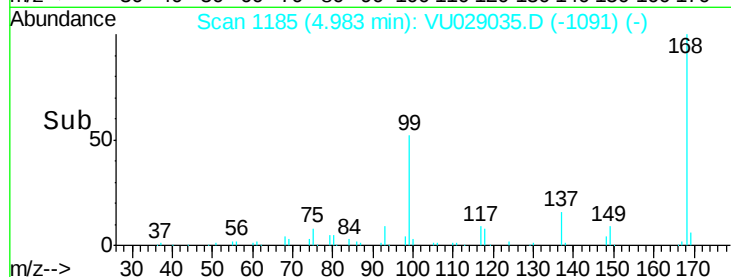
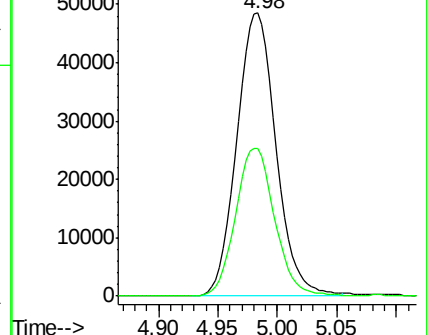
168 100

99 52.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028998.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028998.D (-1168) (-)



#19

Methyl tert-butyl Ether

Concen: 0.476 ug/l

RT: 3.00 min Scan# 567

Delta R.T. -0.00 min

Lab File: VU029035.D

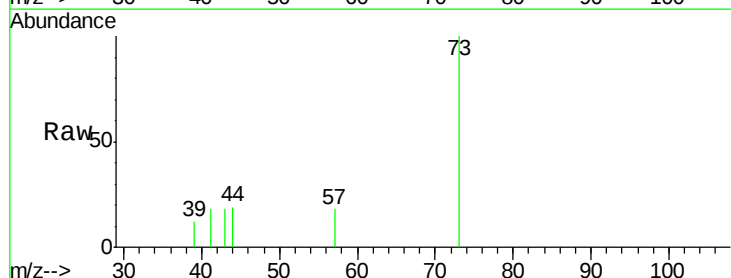
Acq: 04 Jan 2019 18:18

Tgt Ion: 73 Resp: 1925

Ion Ratio Lower Upper

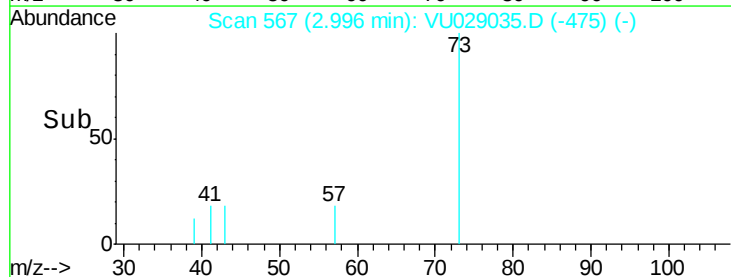
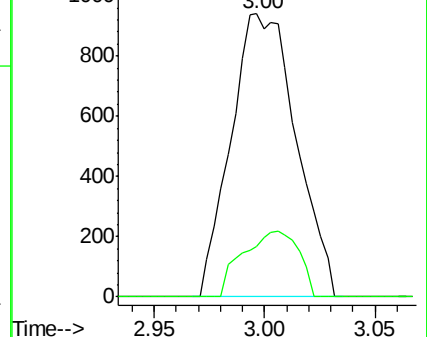
73 100

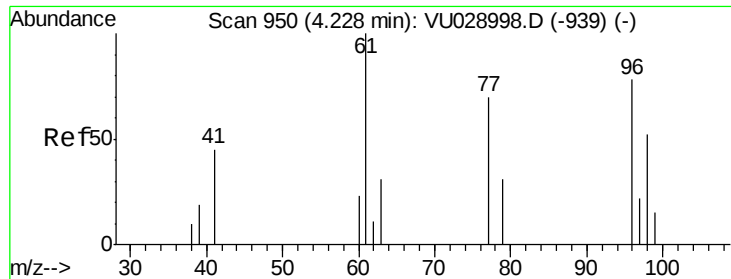
57 17.9 18.6 28.0#



Abundance Ion 73.00 (72.70 to 73.70): VU028998.D (-556) (-)

Ion 57.00 (56.70 to 57.70): VU028998.D (-556) (-)



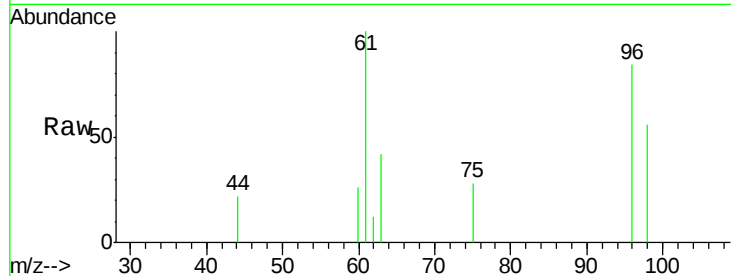


#27

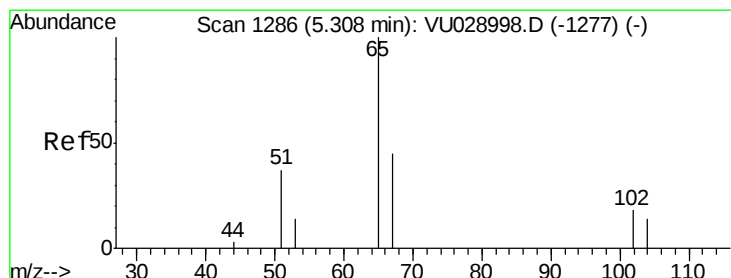
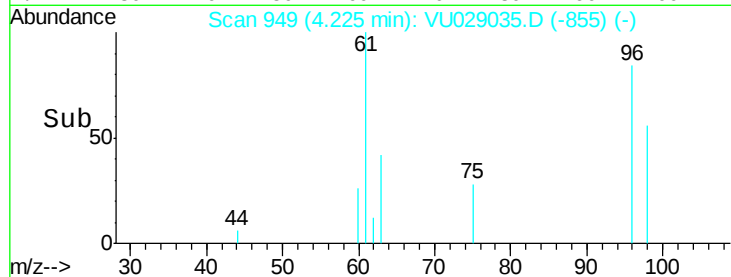
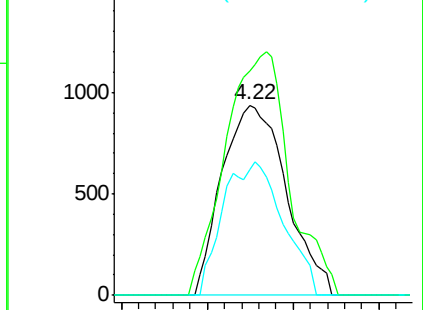
cis-1,2-Dichloroethene
 Concen: 1.674 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: VU029035.D
 Acq: 04 Jan 2019 18:18

Instrument :
 MSVOA_U
 ClientSampled :
 MW-3

Tot Ion: 96 Resp: 2445
 Ion Ratio Lower Upper
 96 100
 61 127.1 0.0 285.6
 98 65.2 0.0 130.2



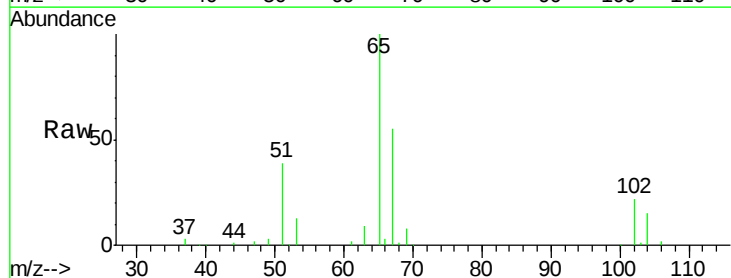
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



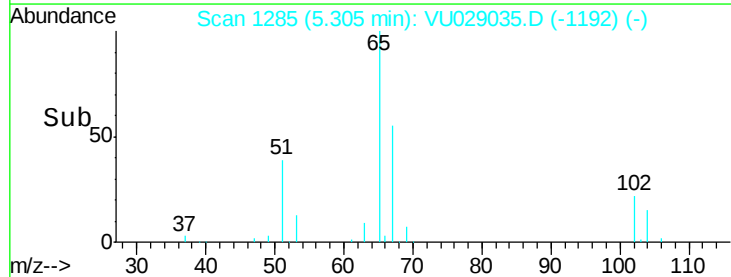
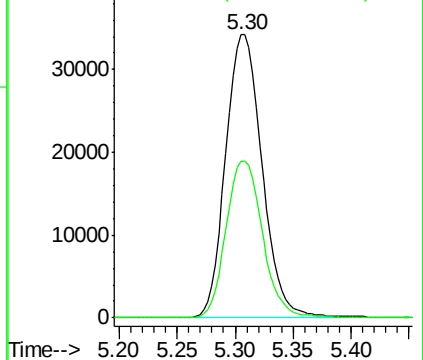
#33

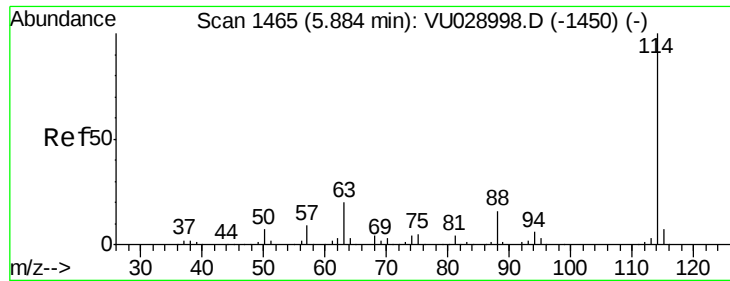
1,2-Dichloroethane-d4
 Concen: 54.405 ug/l
 RT: 5.30 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029035.D
 Acq: 04 Jan 2019 18:18

Tgt Ion: 65 Resp: 74543
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

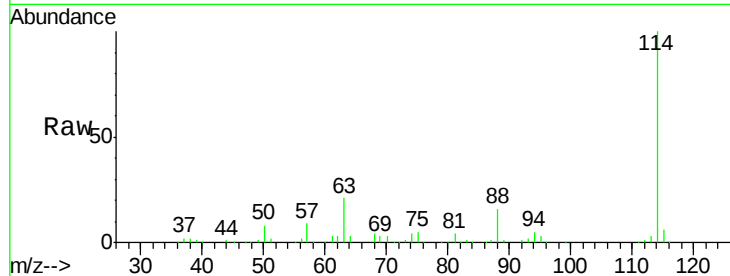




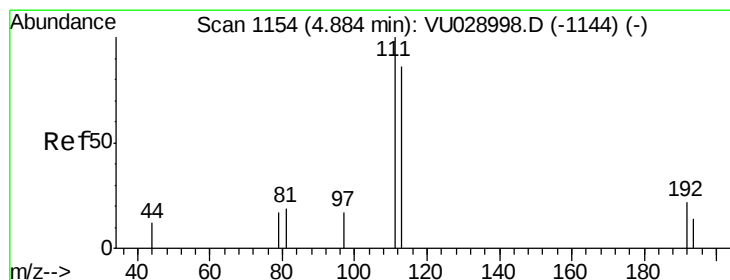
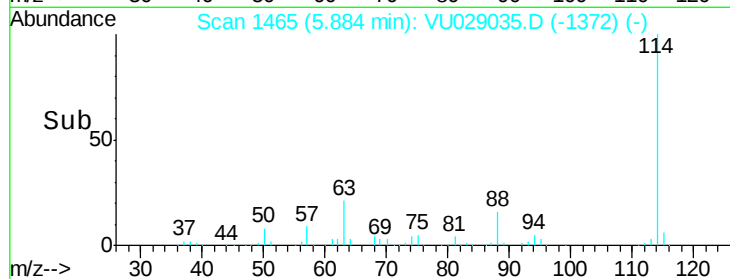
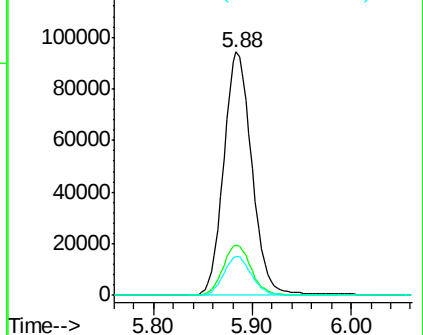
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029035.D
 Acq: 04 Jan 2019 18:18

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-3

Tot Ion:114 Resp: 188849
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.2
 88 16.1 0.0 30.4

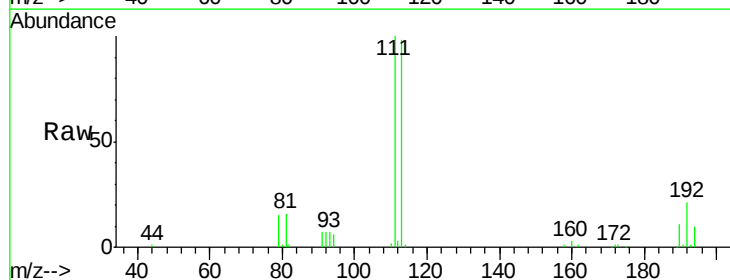


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

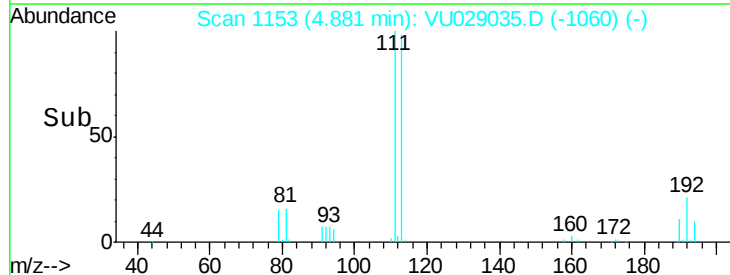
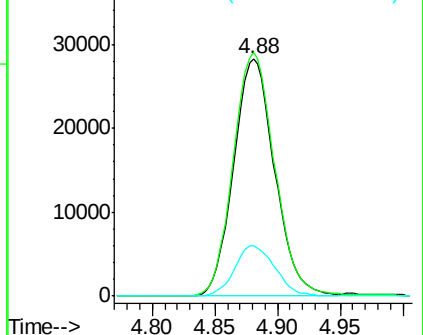


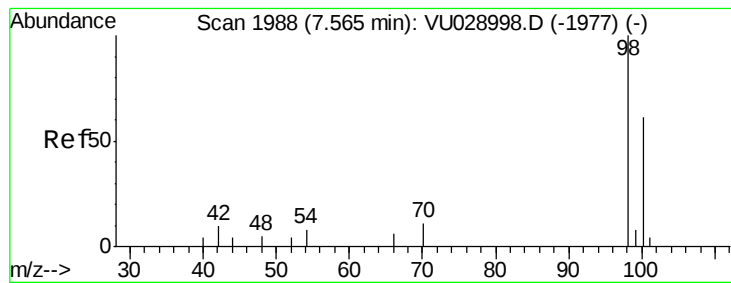
#35
 Dibromofluoromethane
 Concen: 52.546 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029035.D
 Acq: 04 Jan 2019 18:18

Tgt Ion:113 Resp: 64326
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.4 122.2
 192 20.9 16.8 25.2



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: 49.280 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029035.D

Acq: 04 Jan 2019 18:18

Instrument :

MSVOA_U

ClientSampled :

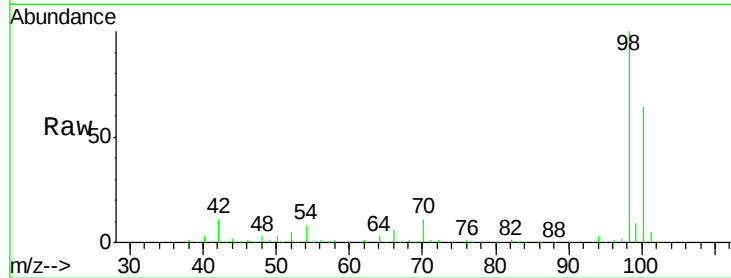
MW-3

Tot Ion: 98 Resp: 238163

Ion Ratio Lower Upper

98 100

100 63.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VU028998.D (-1977) (-)

Ion 100.00 (99.70 to 100.70): VU028998.D (-1977) (-)

7.56

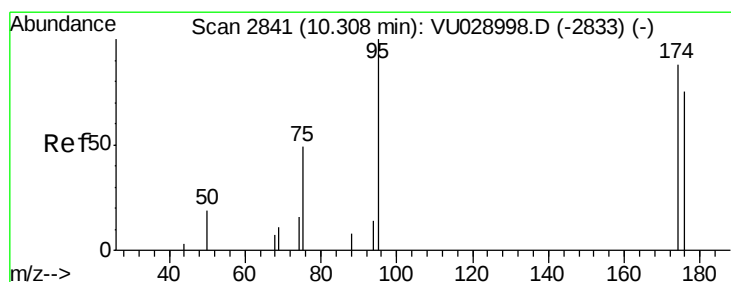
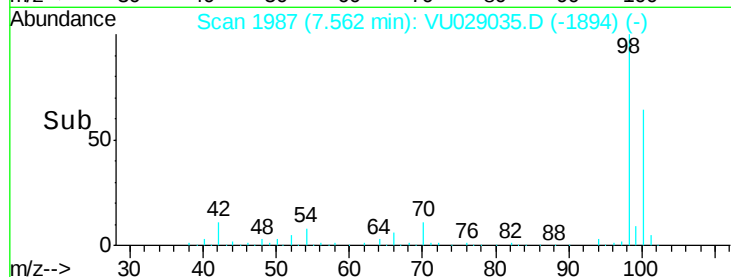
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.525 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU029035.D

Acq: 04 Jan 2019 18:18

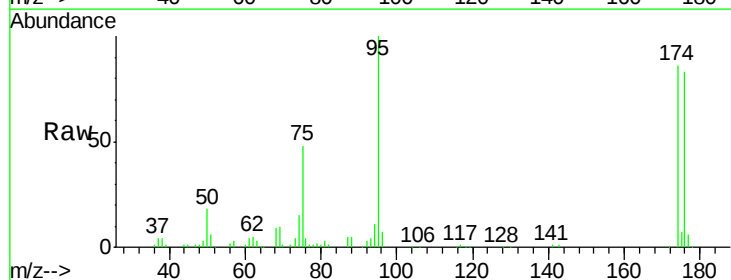
Tgt Ion: 95 Resp: 73860

Ion Ratio Lower Upper

95 100

174 84.4 0.0 170.6

176 82.5 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028998.D (-2833) (-)

Ion 173.80 (173.50 to 174.50): VU028998.D (-2833) (-)

Ion 175.80 (175.50 to 176.50): VU028998.D (-2833) (-)

10.31

60000

50000

40000

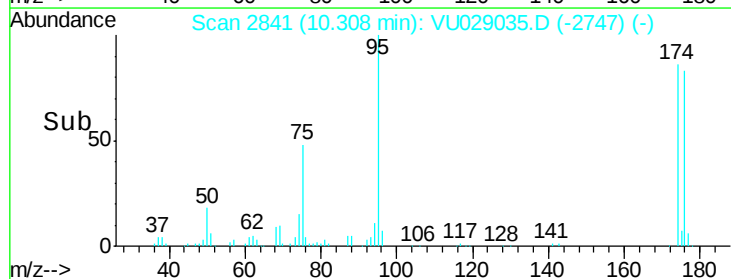
30000

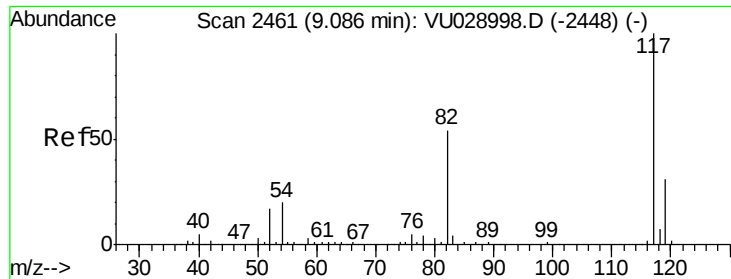
20000

10000

0

Time-->

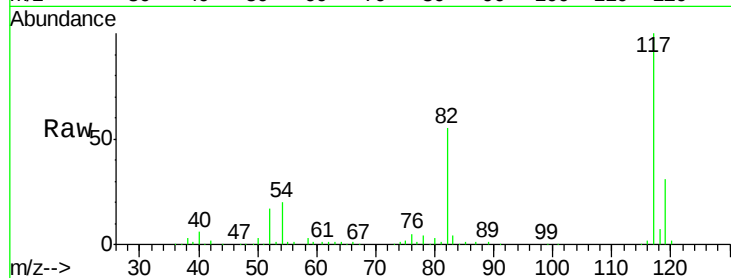




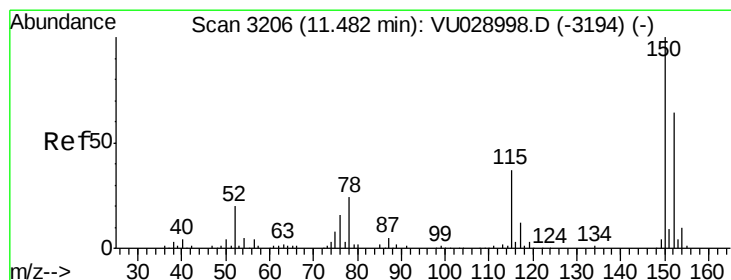
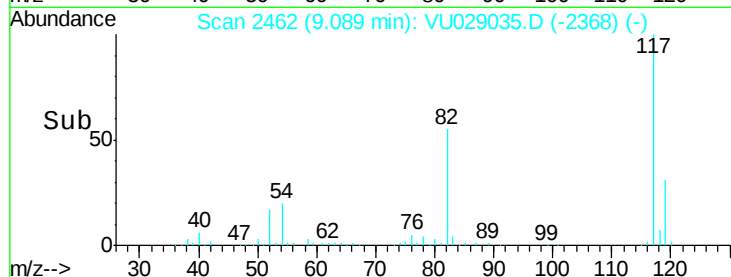
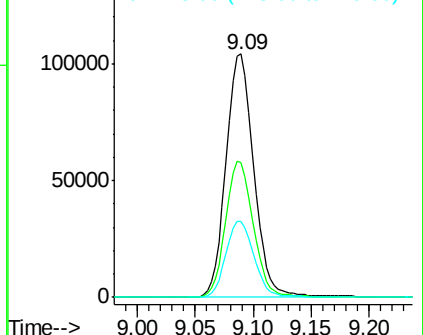
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU029035.D
Acq: 04 Jan 2019 18:18

Instrument :
MSVOA_U
ClientSampleId :
MW-3

Tot Ion:117 Resp: 172867
Ion Ratio Lower Upper
117 100
82 55.4 43.9 65.9
119 31.4 26.0 39.0

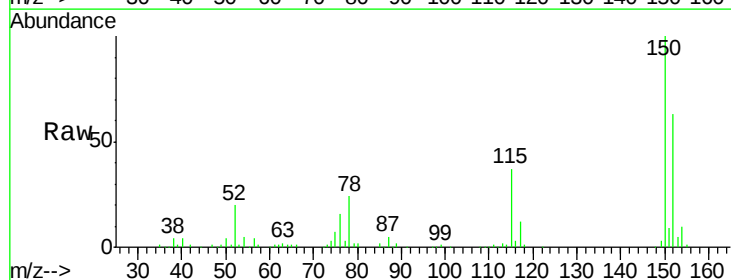


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029035.D
Acq: 04 Jan 2019 18:18

Tgt Ion:152 Resp: 67517
Ion Ratio Lower Upper
152 100
115 57.3 40.1 120.3
150 158.6 0.0 345.2



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

