

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061418\
 Data File : VU024538.D
 Acq On : 14 Jun 2018 14:34
 Operator : MD/SY
 Sample : J3476-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS050MW044-180610

Quant Time: Jun 15 02:55:44 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

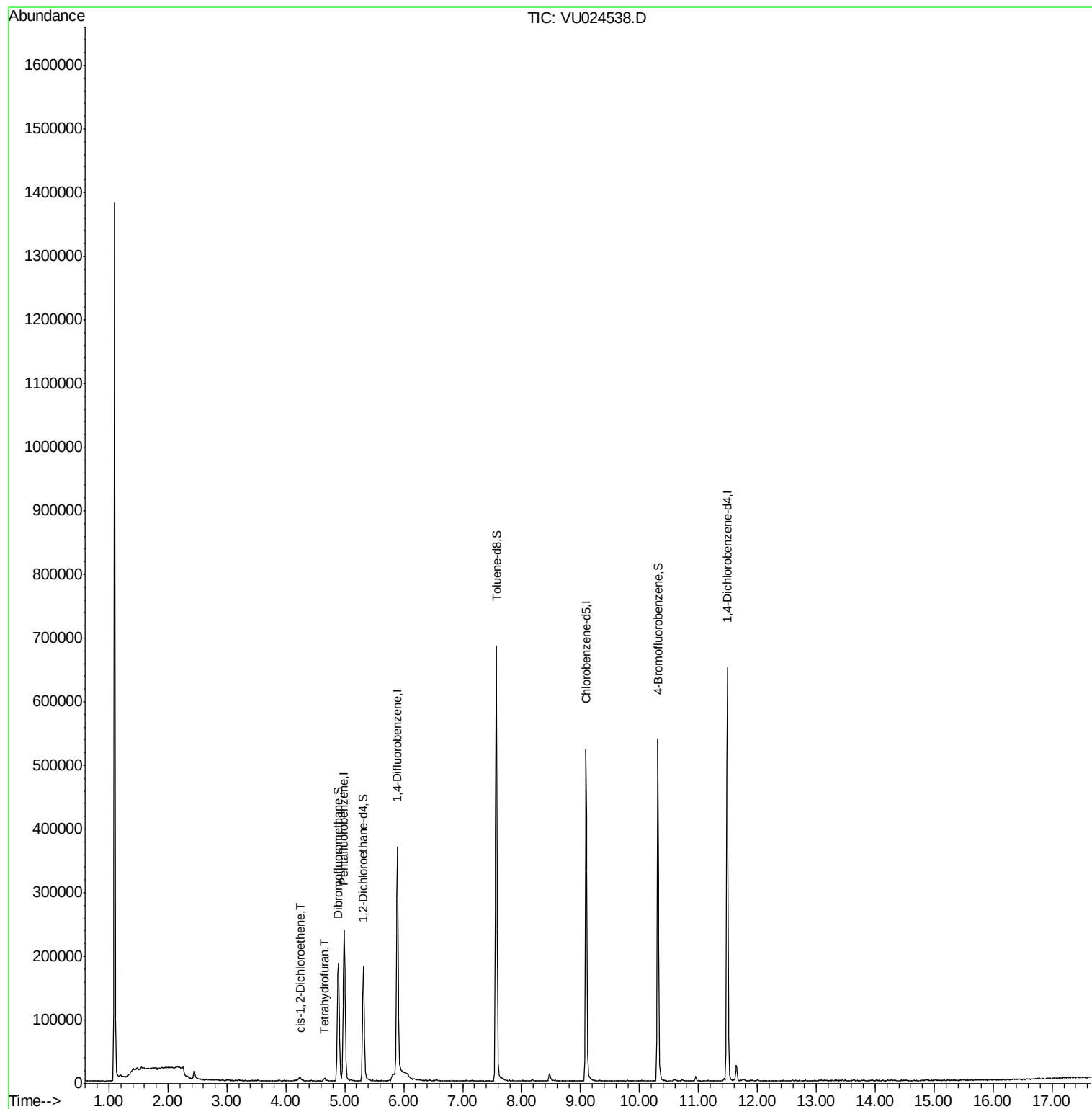
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	315264	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	298601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	176504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	141099	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
35) Dibromofluoromethane	4.89	113	127418	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	7.57	98	461240	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
62) 4-Bromofluorobenzene	10.31	95	179505	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.24	96	4024	1.472	ug/l	68
29) Tetrahydrofuran	4.66	42	3505	2.534	ug/l #	60

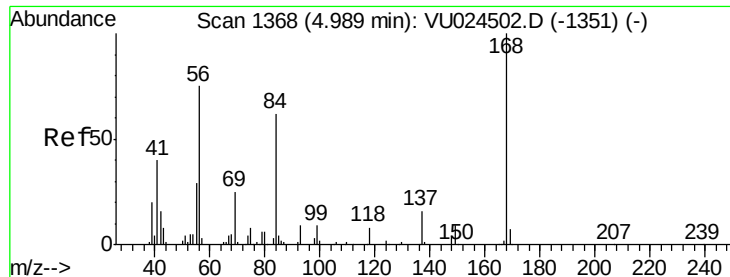
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024538.D

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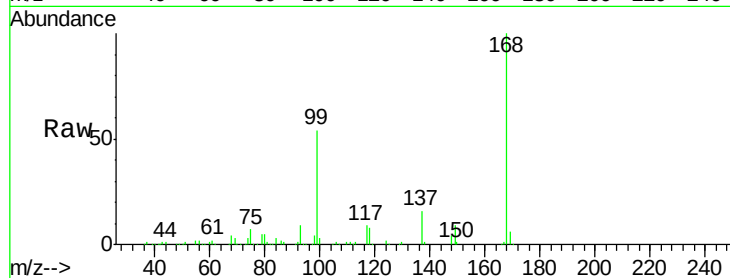
SS050MW044-180610

Tot Ion:168 Resp: 189611

Ion Ratio Lower Upper

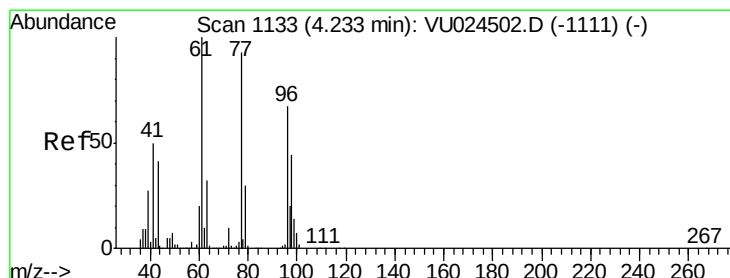
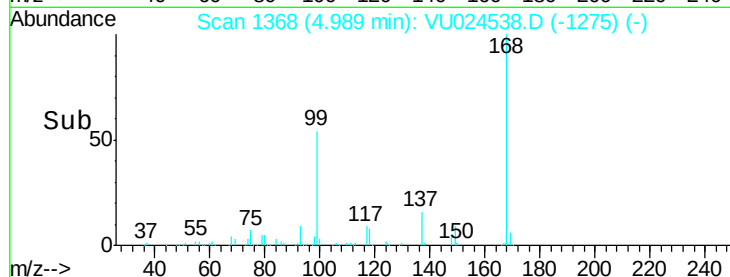
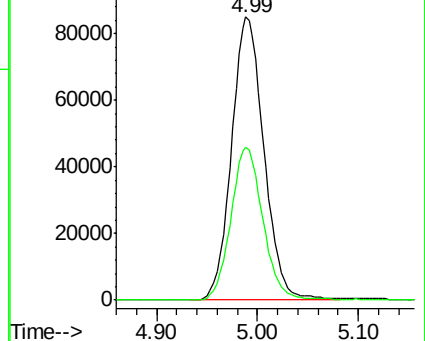
168 100

99 54.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024538.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024538.D (-1275) (-)



#27

cis-1,2-Dichloroethene

Concen: 1.472 ug/l

RT: 4.24 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VU024538.D

Acq: 14 Jun 2018 14:34

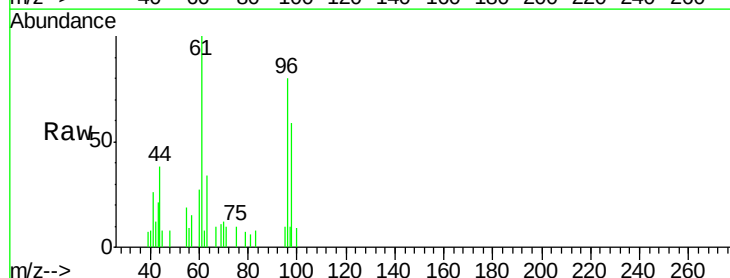
Tgt Ion: 96 Resp: 4024

Ion Ratio Lower Upper

96 100

61 103.3 0.0 306.6

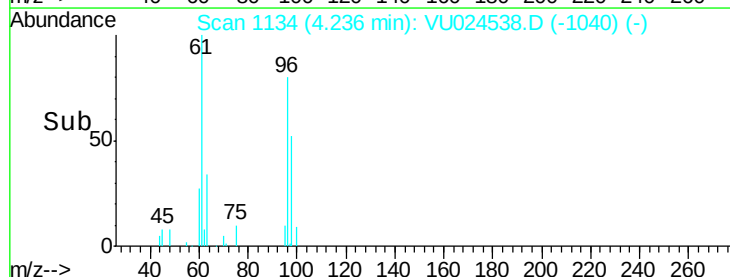
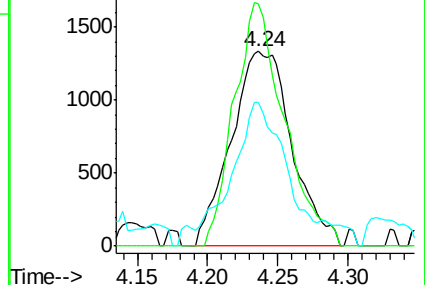
98 50.9 0.0 128.8

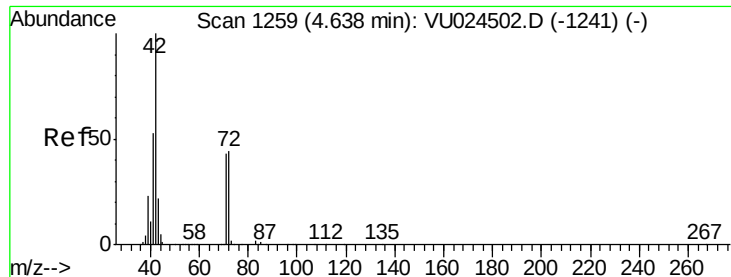


Abundance Ion 95.90 (95.60 to 96.60): VU024538.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024538.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024538.D (-1040) (-)





#29

Tetrahydrofuran

Concen: 2.534 ug/l

RT: 4.66 min Scan# 1266

Delta R.T. 0.02 min

Lab File: VU024538.D

Acq: 14 Jun 2018 14:34

Instrument :

MSVOA_U

ClientSampleId :

SS050MW044-180610

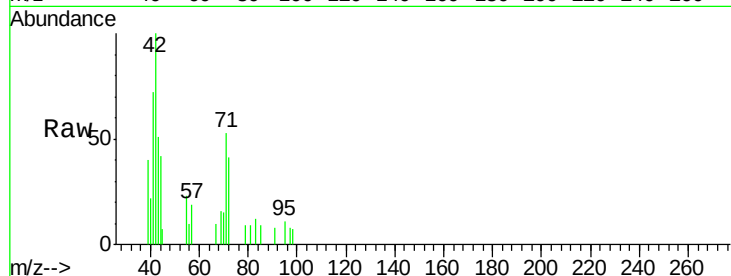
Tot Ion: 42 Resp: 3505

Ion Ratio Lower Upper

42 100

72 19.2 34.5 51.7#

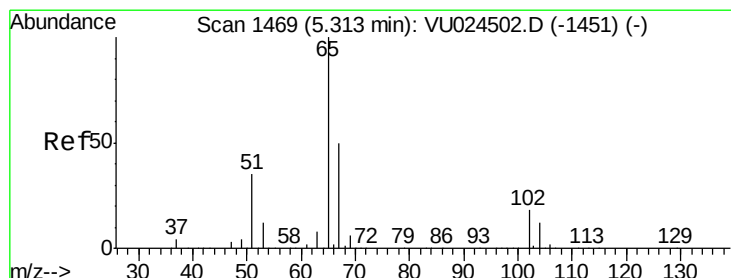
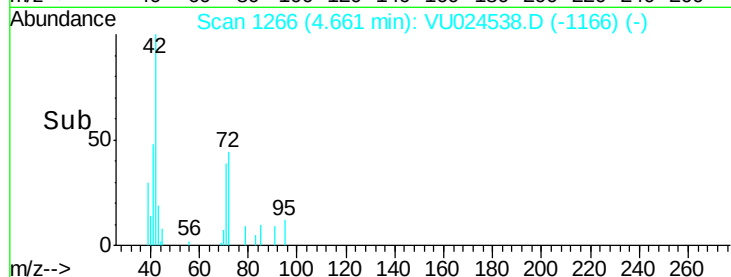
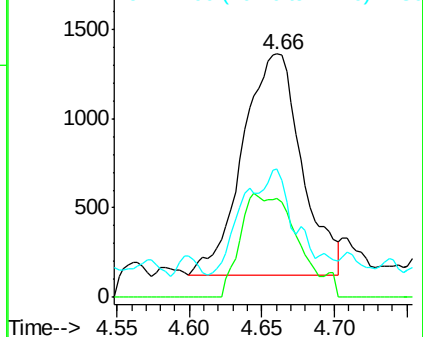
71 14.1 32.2 48.4#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 45.583 ug/l

RT: 5.32 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VU024538.D

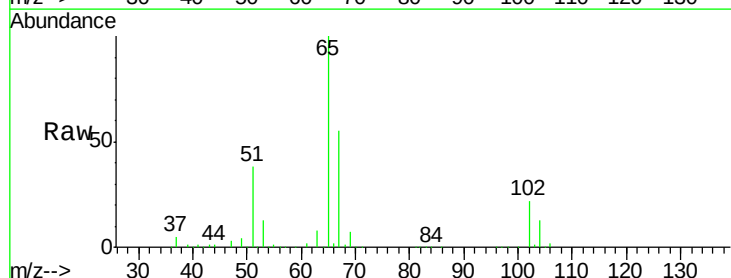
Acq: 14 Jun 2018 14:34

Tgt Ion: 65 Resp: 141099

Ion Ratio Lower Upper

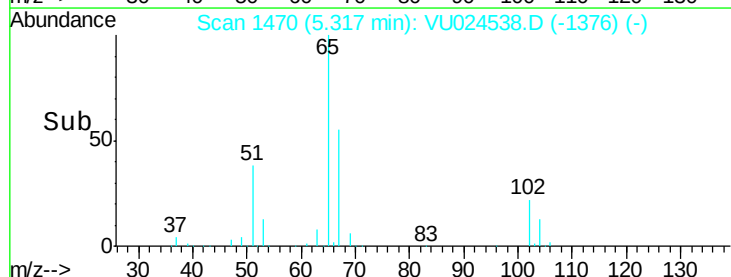
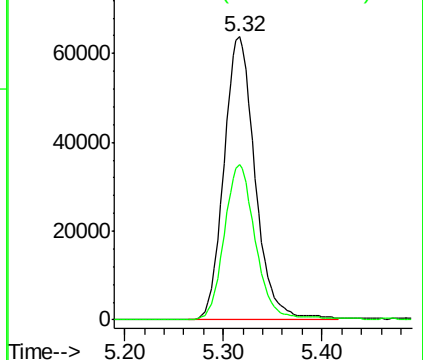
65 100

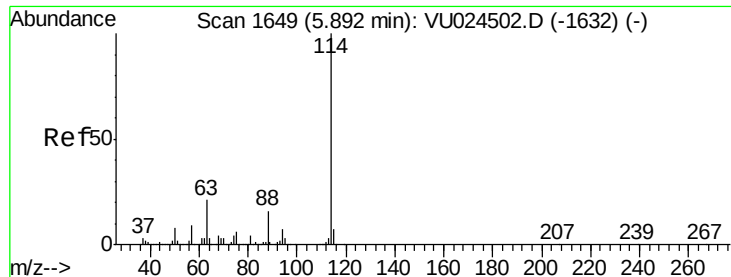
67 54.2 0.0 107.0



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: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024538.D

Acq: 14 Jun 2018 14:34

Instrument :

MSVOA_U

ClientSampleId :

SS050MW044-180610

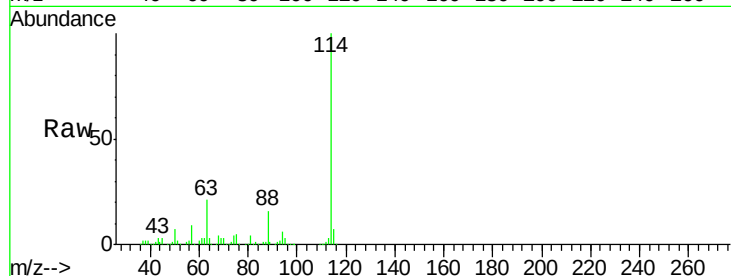
Tot Ion:114 Resp: 315264

Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.4

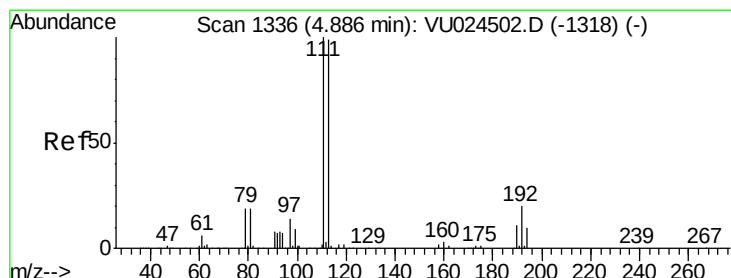
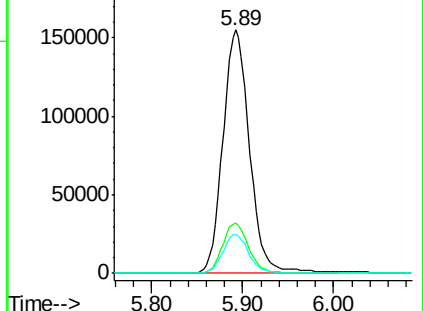
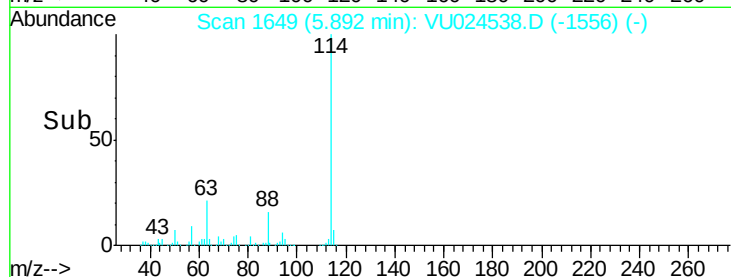
88 16.2 0.0 31.0



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: 48.699 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024538.D

Acq: 14 Jun 2018 14:34

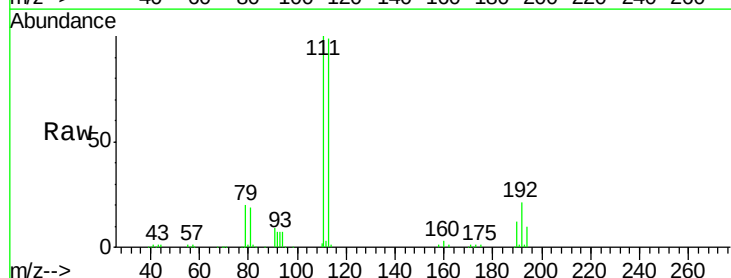
Tgt Ion:113 Resp: 127418

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

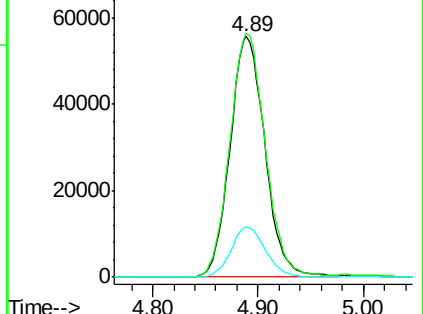
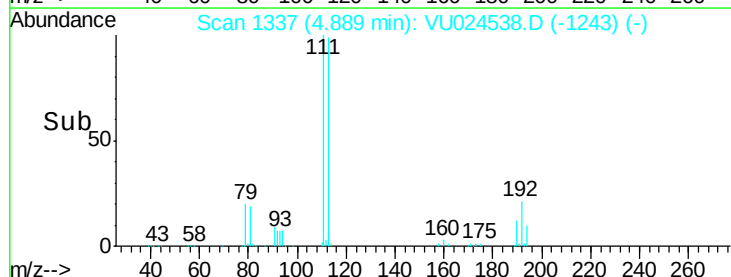
192 20.7 16.2 24.4

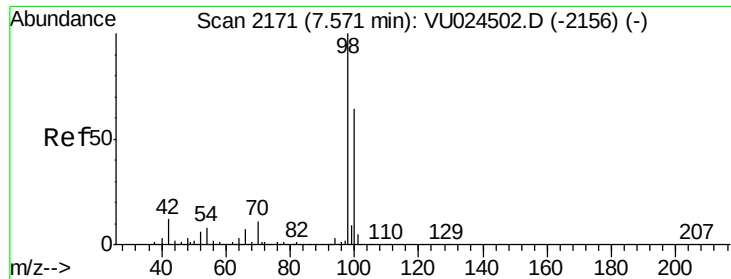


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

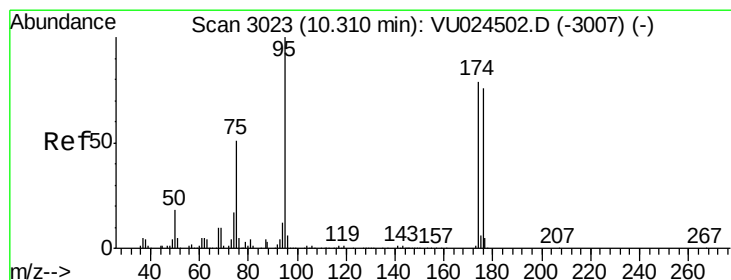
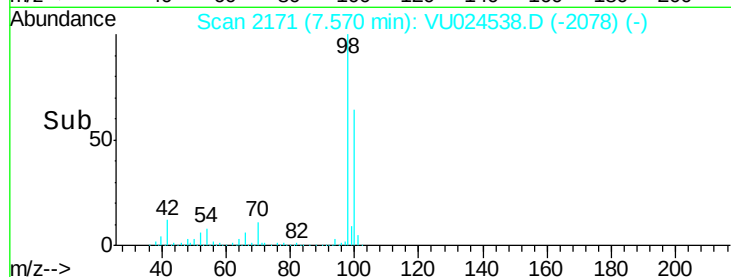
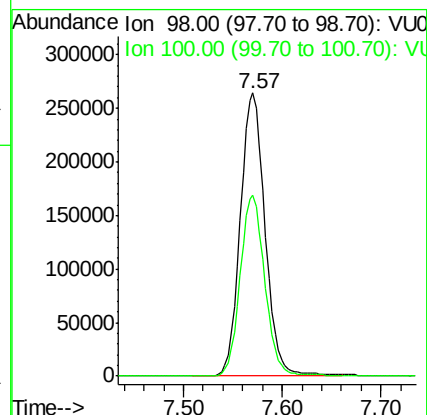
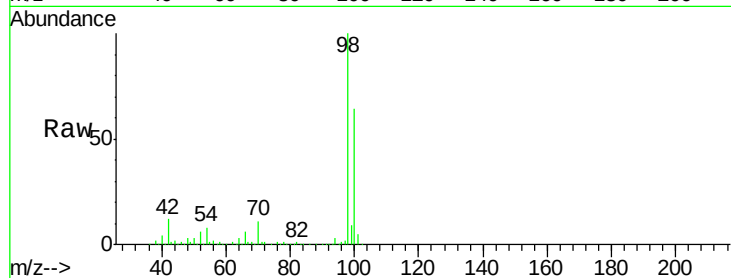




#50
Toluene-d8
Concen: 48.329 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024538.D
Acq: 14 Jun 2018 14:34

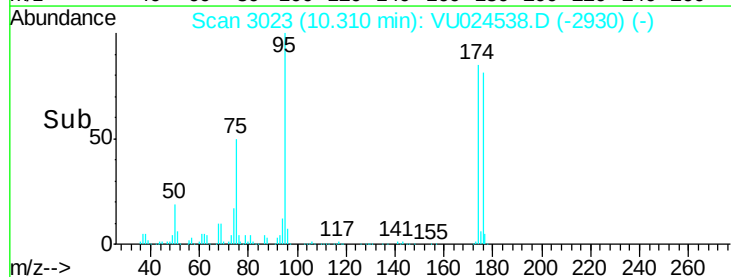
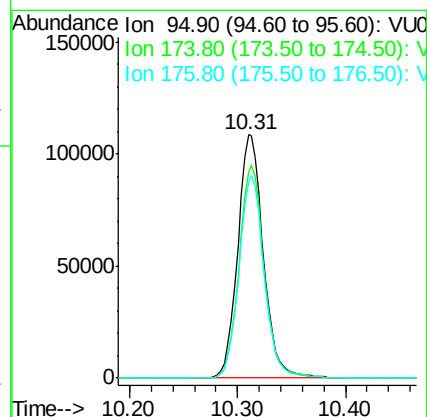
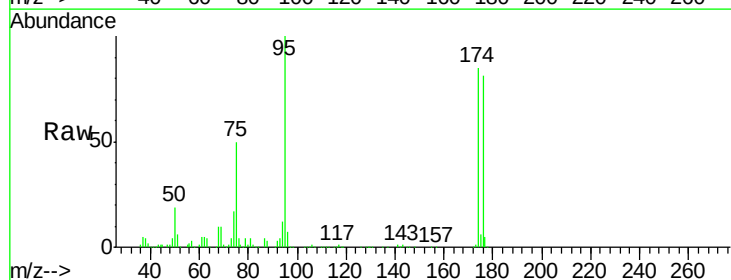
Instrument :
MSVOA_U
ClientSampleId :
SS050MW044-180610

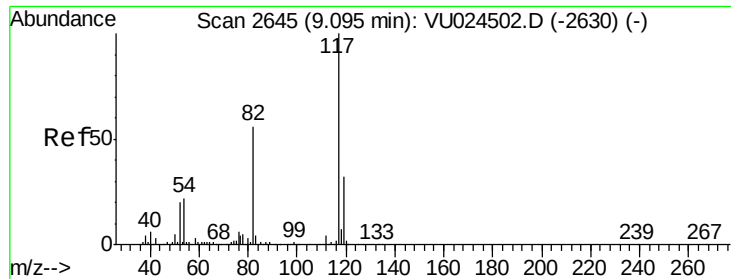
Tot Ion: 98 Resp: 461240
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 47.372 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024538.D
Acq: 14 Jun 2018 14:34

Tgt Ion: 95 Resp: 179505
Ion Ratio Lower Upper
95 100
174 85.8 0.0 165.8
176 82.2 0.0 159.4

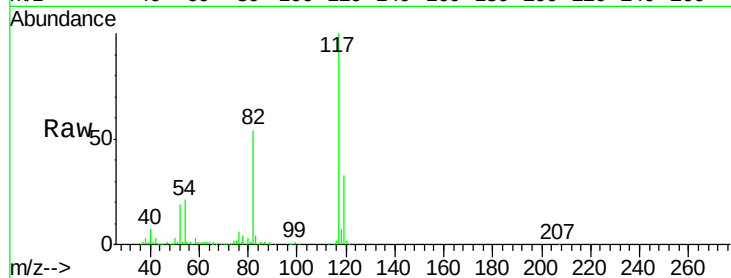




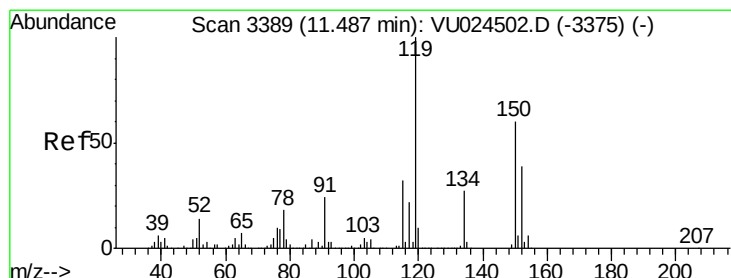
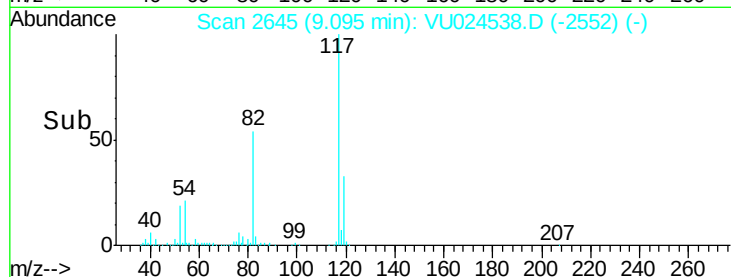
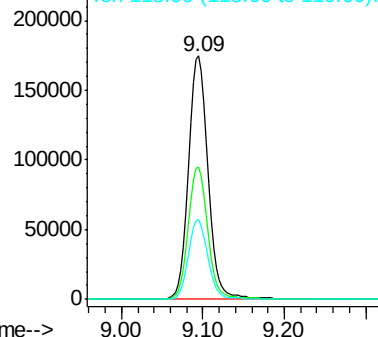
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024538.D
Acq: 14 Jun 2018 14:34

Instrument :
MSVOA_U
ClientSampleId :
SS050MW044-180610

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.3	66.5
119	32.5	25.4	38.2

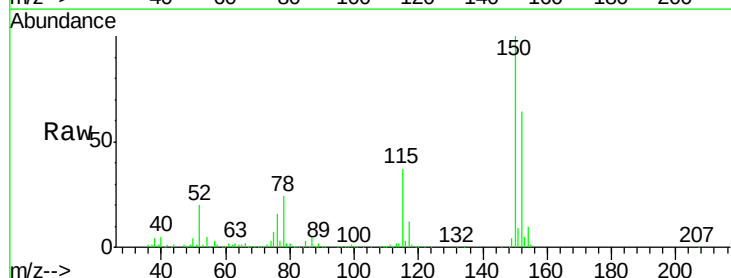


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024538.D
Acq: 14 Jun 2018 14:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	43.0	129.0
150	156.5	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

