

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024966.D
 Acq On : 27 Jun 2018 15:03
 Operator : MD/SY
 Sample : J3604-02DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10DL

Quant Time: Jun 28 12:21:32 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	229428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	344980	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	315144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	170525	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	171341	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
35) Dibromofluoromethane	4.89	113	134018	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
50) Toluene-d8	7.57	98	491457	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	10.31	95	184529	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	

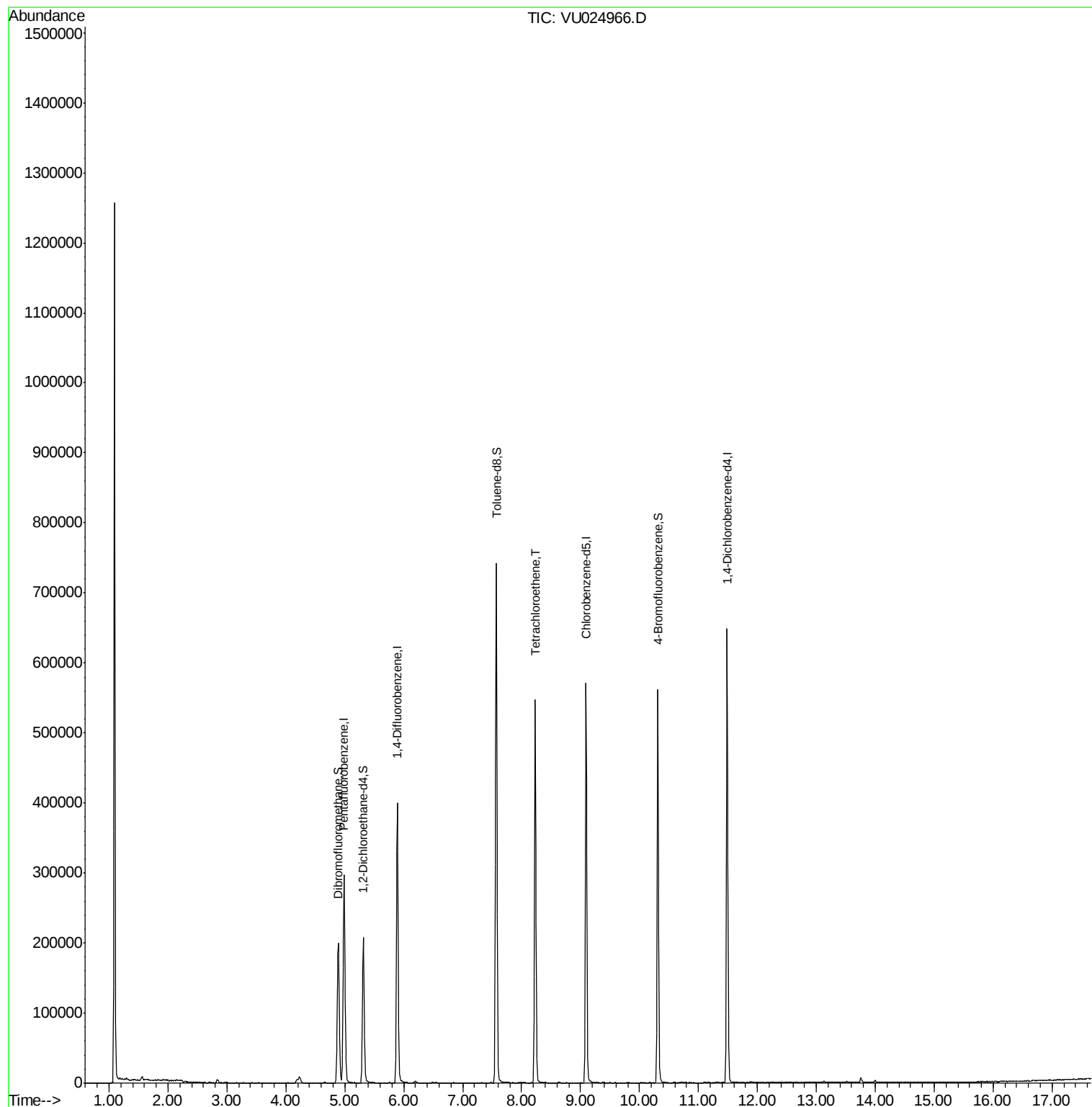
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	8.23	164	122825	41.00	ug/l	98

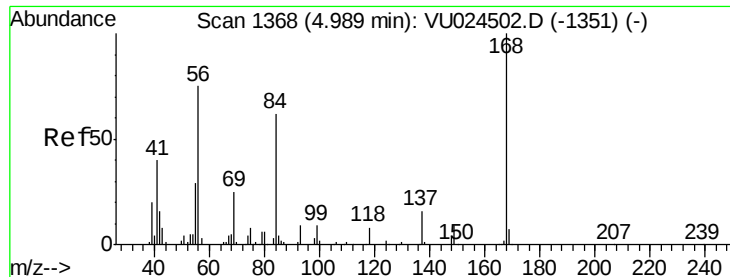
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024966.D

Acq: 27 Jun 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

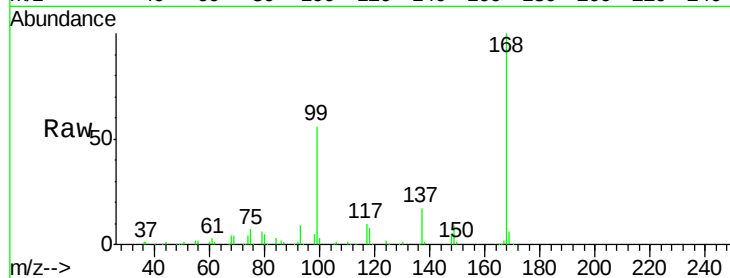
MW-10DL

Tot Ion:168 Resp: 229428

Ion Ratio Lower Upper

168 100

99 56.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

120000

100000

80000

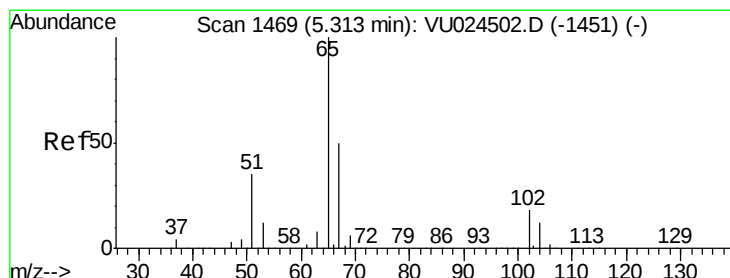
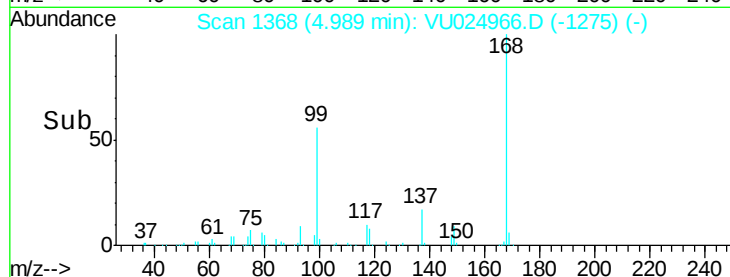
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.75 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024966.D

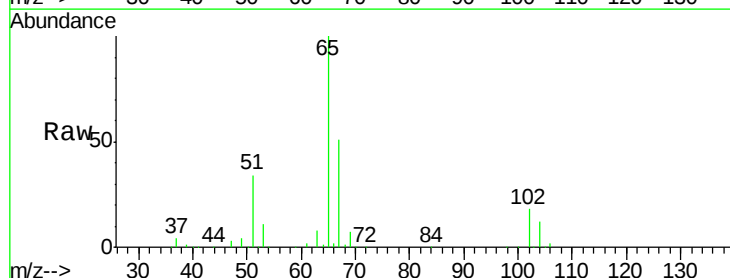
Acq: 27 Jun 2018 15:03

Tgt Ion: 65 Resp: 171341

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)

5.31

80000

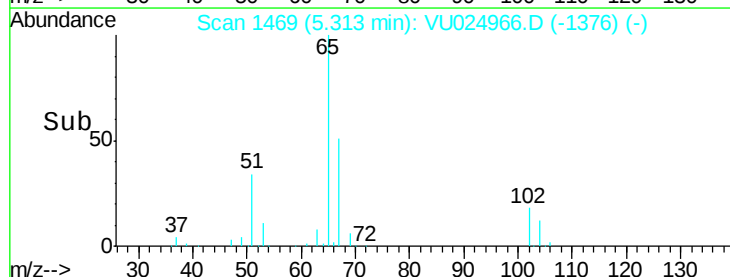
60000

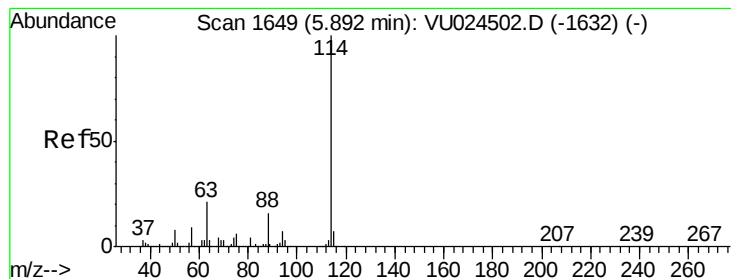
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024966.D

Acq: 27 Jun 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

MW-10DL

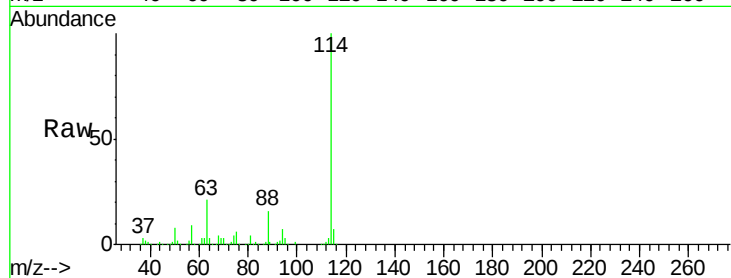
Tot Ion:114 Resp: 344980

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.4

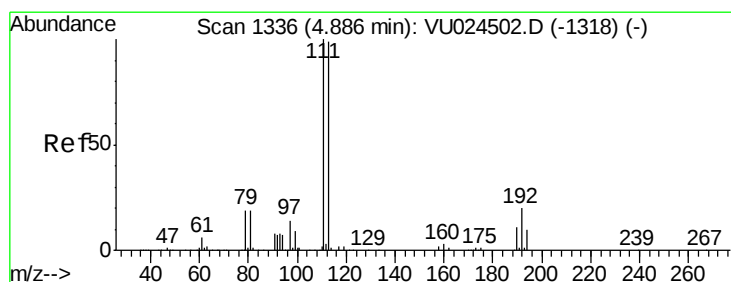
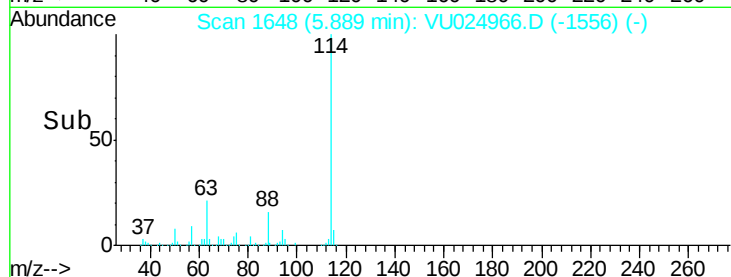
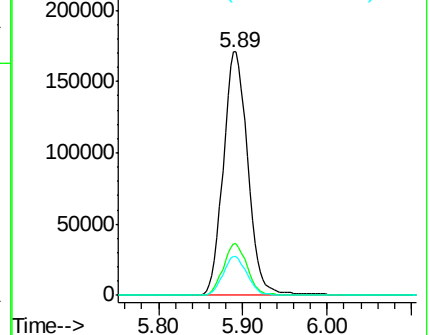
88 16.1 0.0 31.0



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: 46.81 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024966.D

Acq: 27 Jun 2018 15:03

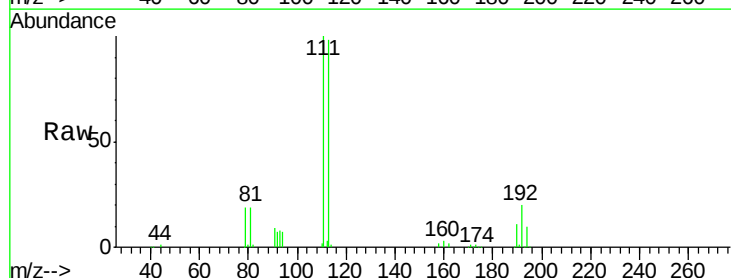
Tgt Ion:113 Resp: 134018

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

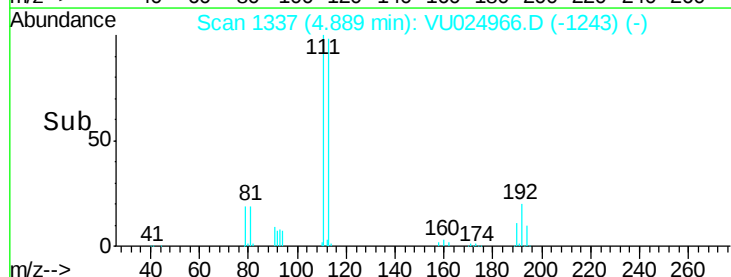
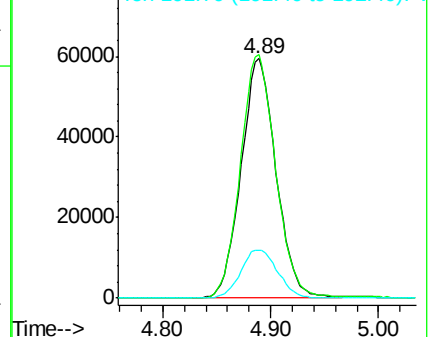
192 21.3 16.2 24.4



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

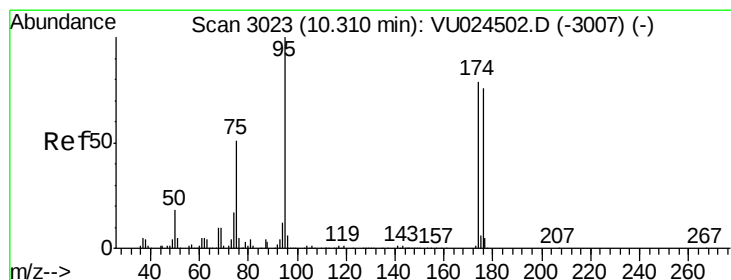
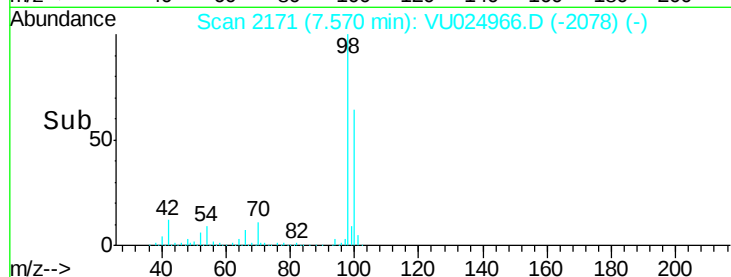
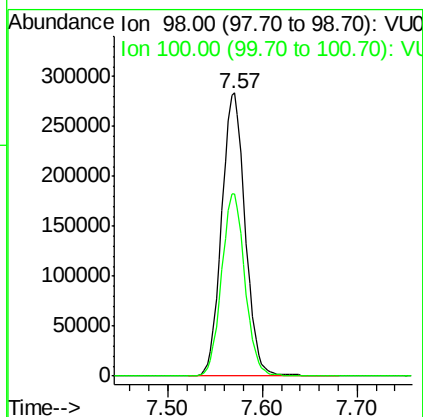
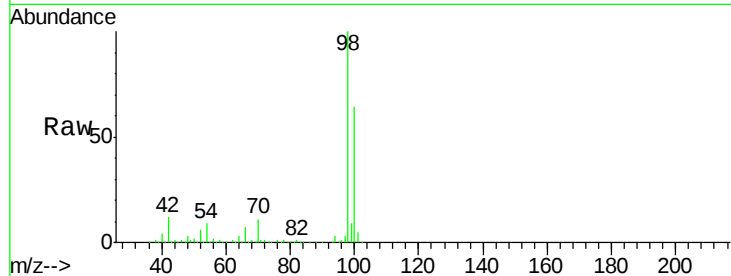




#50
Toluene-d8
Concen: 47.06 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024966.D
Acq: 27 Jun 2018 15:03

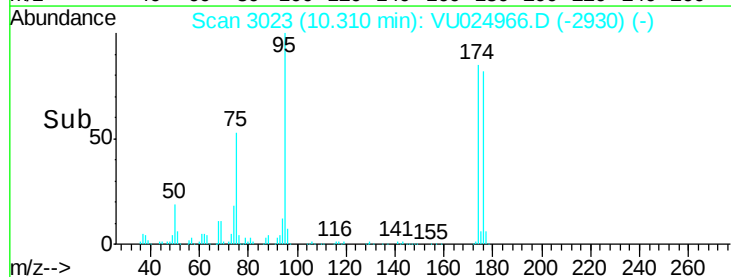
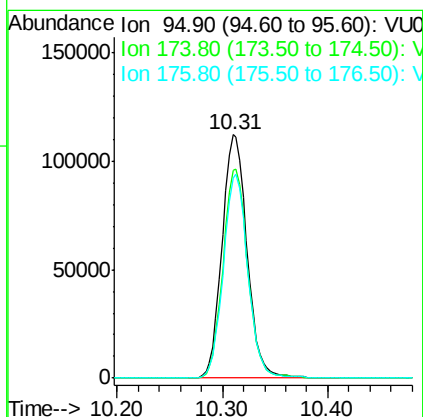
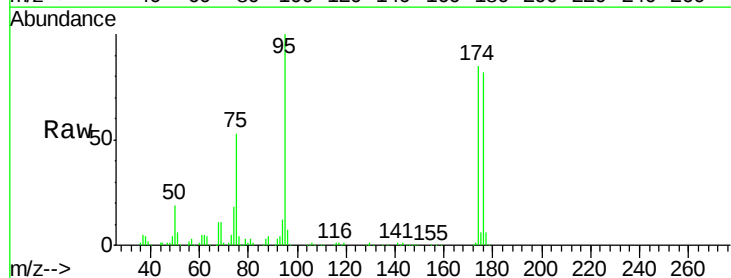
Instrument :
MSVOA_U
ClientSampled :
MW-10DL

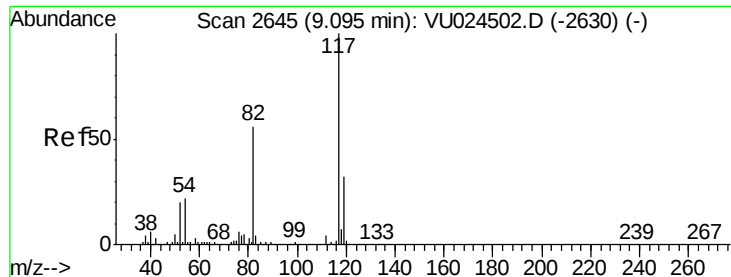
Tot Ion: 98 Resp: 491457
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.50 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024966.D
Acq: 27 Jun 2018 15:03

Tgt Ion: 95 Resp: 184529
Ion Ratio Lower Upper
95 100
174 85.0 0.0 165.8
176 82.2 0.0 159.4

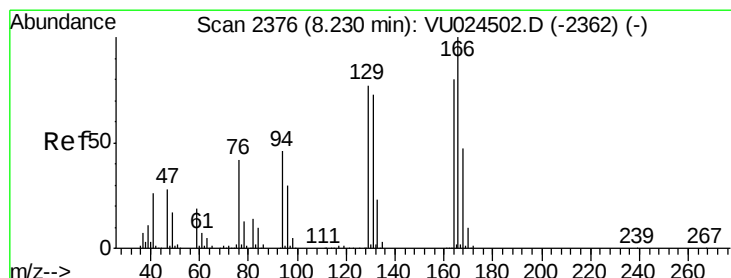
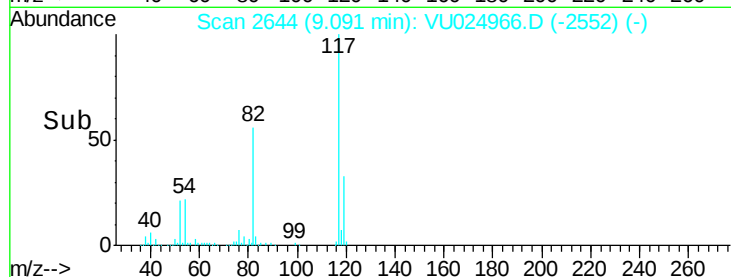
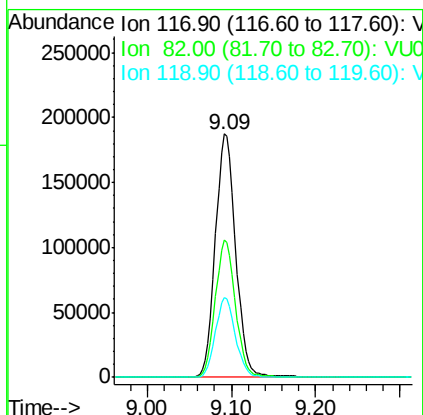
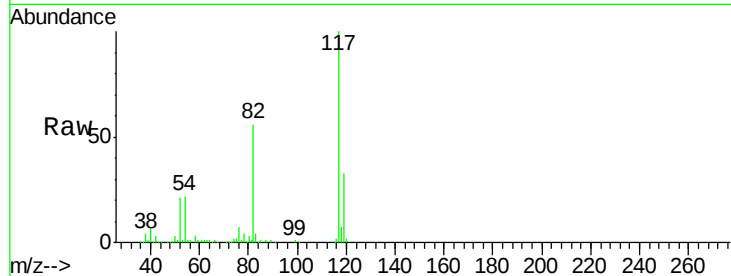




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024966.D
Acq: 27 Jun 2018 15:03

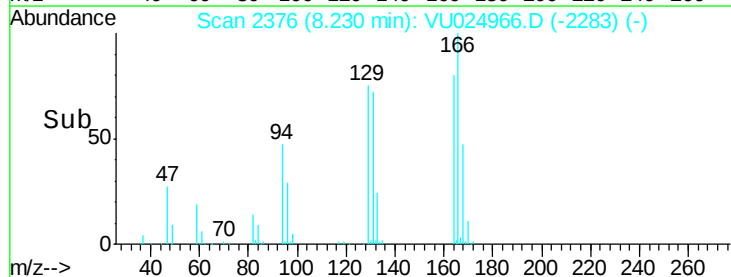
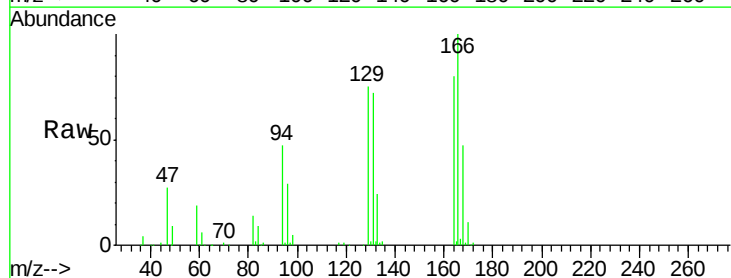
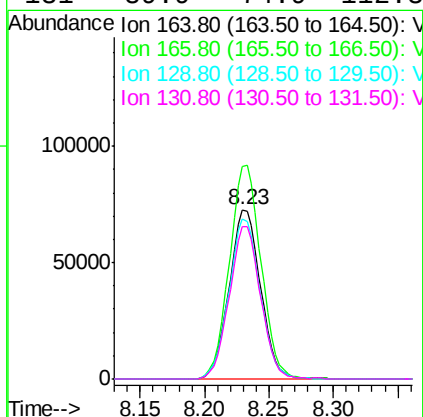
Instrument :
MSVOA_U
ClientSampleId :
MW-10DL

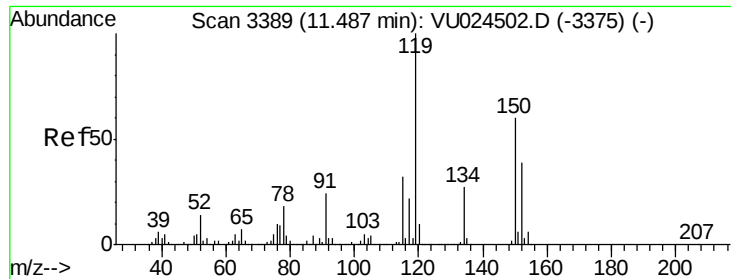
Tot Ion:117 Resp: 315144
Ion Ratio Lower Upper
117 100
82 56.2 44.3 66.5
119 32.9 25.4 38.2



#64
Tetrachloroethene
Concen: 41.00 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU024966.D
Acq: 27 Jun 2018 15:03

Tgt Ion:164 Resp: 122825
Ion Ratio Lower Upper
164 100
166 125.7 101.7 152.5
129 94.4 76.9 115.3
131 89.9 74.9 112.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024966.D

Acq: 27 Jun 2018 15:03

Instrument :

MSVOA_U

ClientSampleId :

MW-10DL

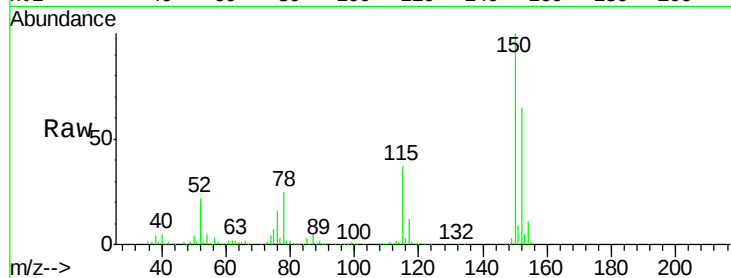
Tot Ion:152 Resp: 170525

Ion Ratio Lower Upper

152 100

115 56.8 43.0 129.0

150 155.7 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

