

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024716.D
 Acq On : 19 Jun 2018 02:19
 Operator : MD/SY
 Sample : J3535-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW003-180613

Quant Time: Jun 19 07:58:51 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	189790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301805	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	279460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	147949	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	133182	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
35) Dibromofluoromethane	4.89	113	117061	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	7.57	98	439647	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	10.31	95	157057	43.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.60%	

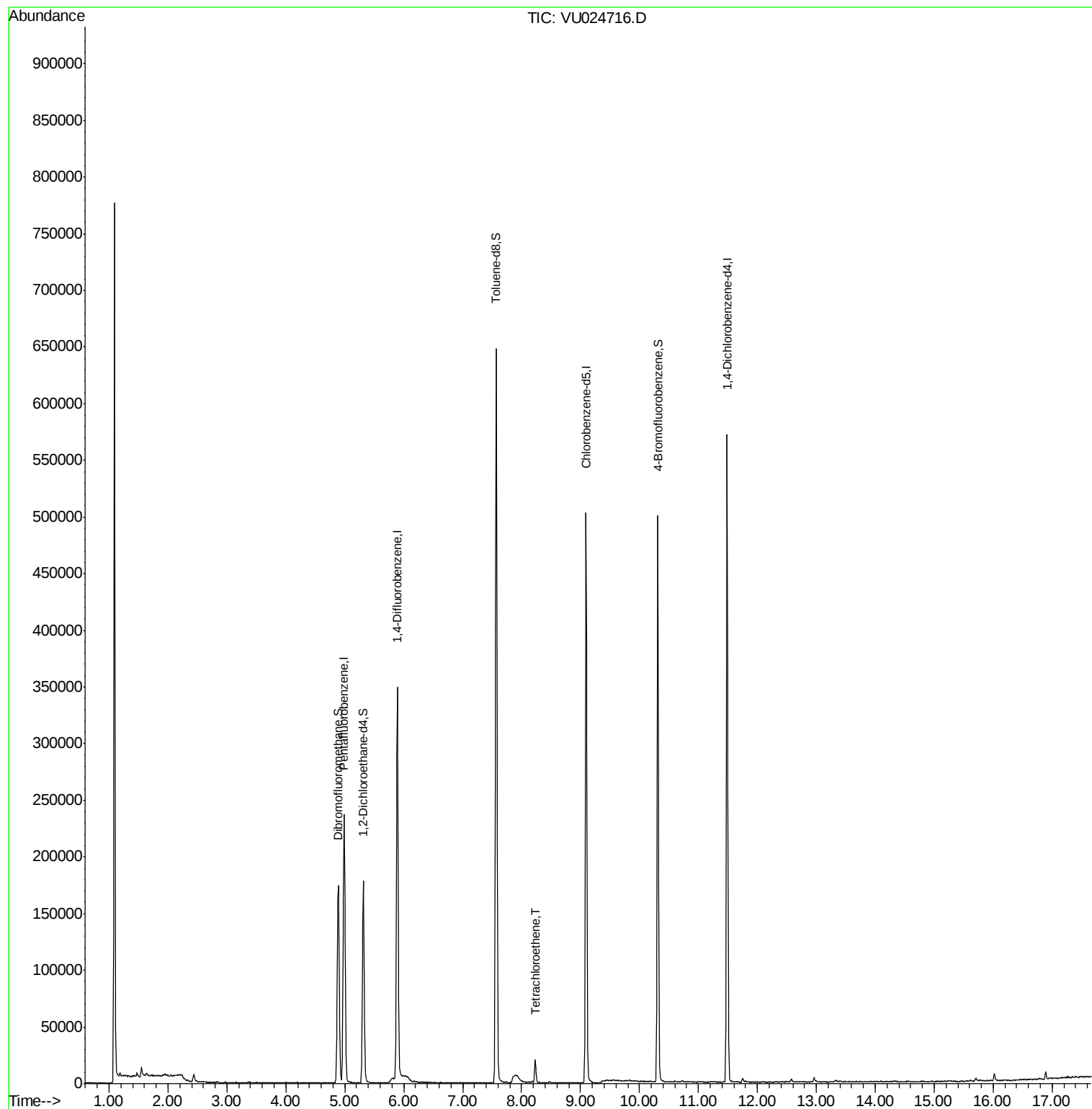
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	8.23	164	4721	1.78	ug/l	89

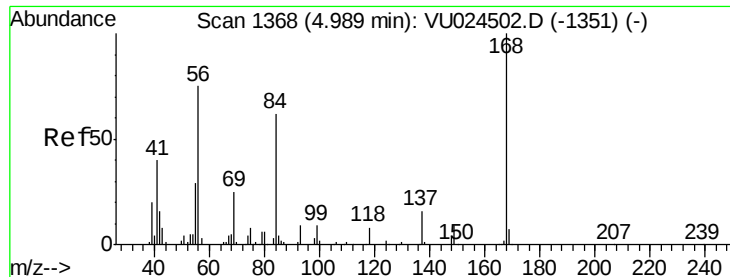
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024716.D

Acq: 19 Jun 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

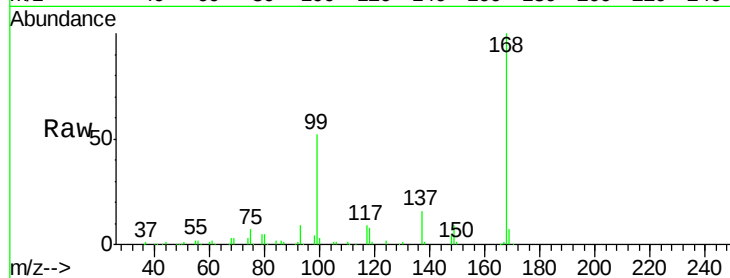
SS036MW003-180613

Tot Ion:168 Resp: 189790

Ion Ratio Lower Upper

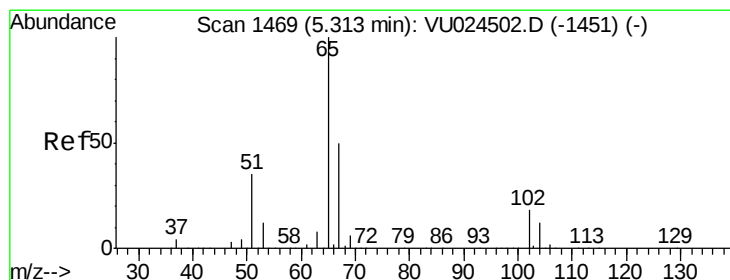
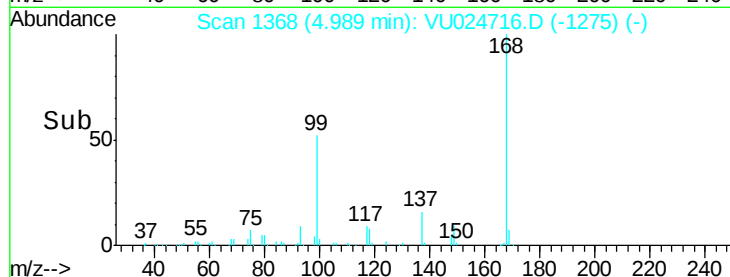
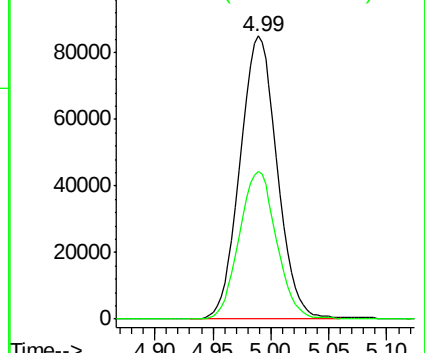
168 100

99 52.1 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024716.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024716.D (-1275) (-)



#33

1,2-Dichloroethane-d4

Concen: 42.98 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024716.D

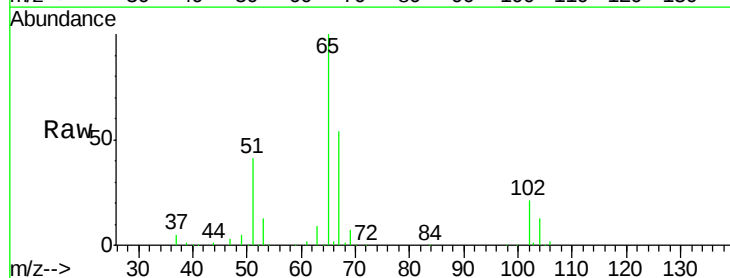
Acq: 19 Jun 2018 02:19

Tgt Ion: 65 Resp: 133182

Ion Ratio Lower Upper

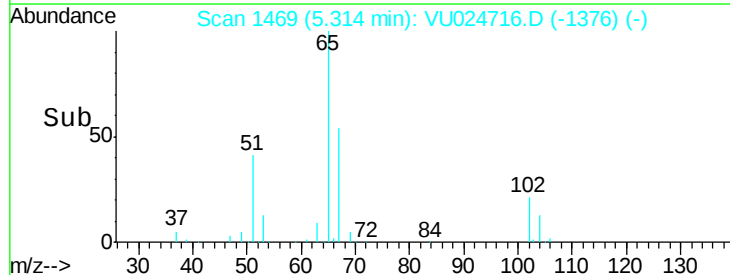
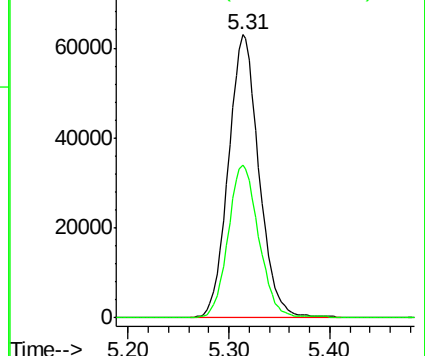
65 100

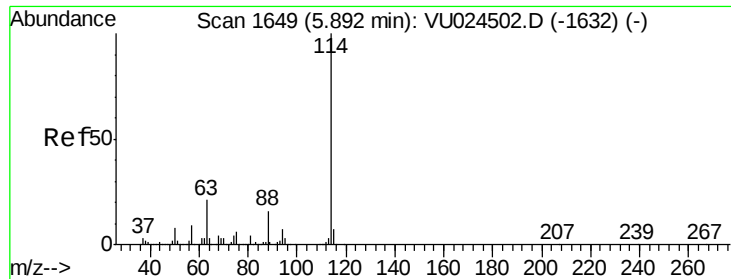
67 53.9 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024716.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024716.D (-1376) (-)

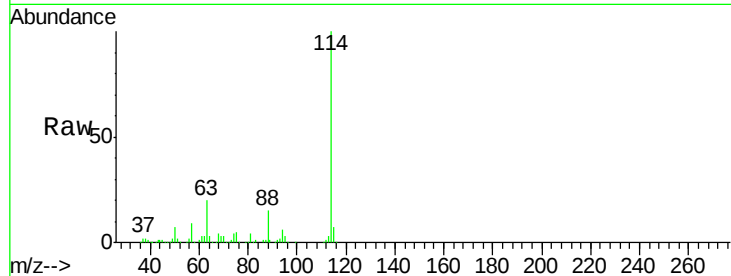




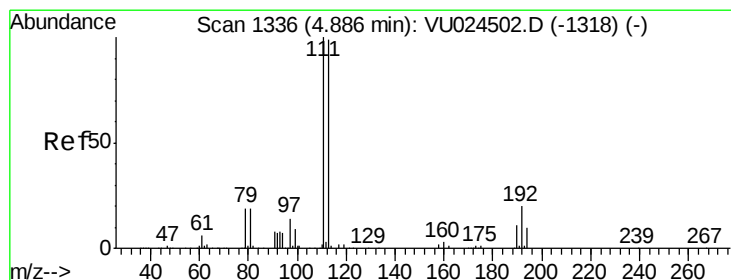
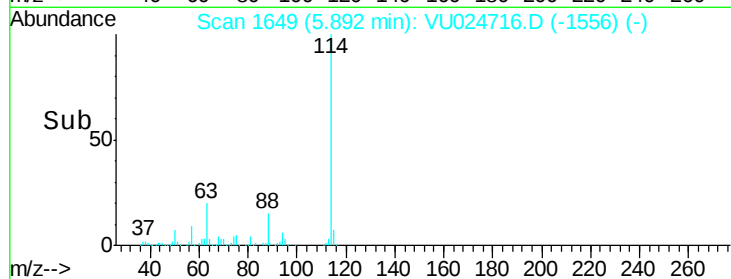
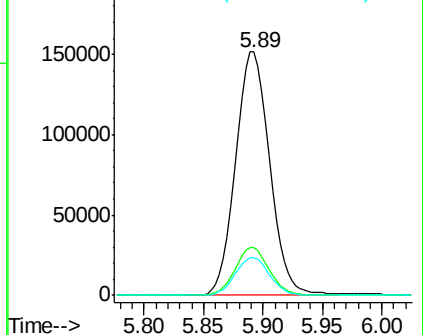
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024716.D
 Acq: 19 Jun 2018 02:19

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW003-180613

Tot Ion:114	Resp:	301805
Ion Ratio	Lower	Upper
114 100		
63 19.7	0.0	45.4
88 15.4	0.0	31.0

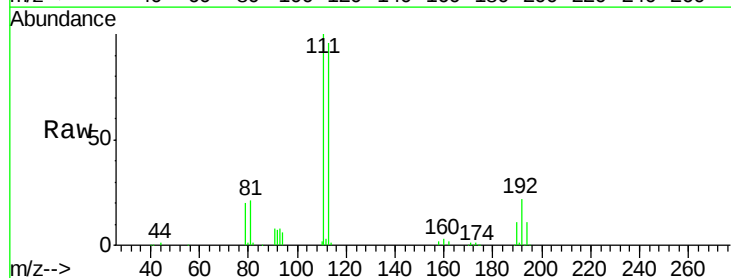


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

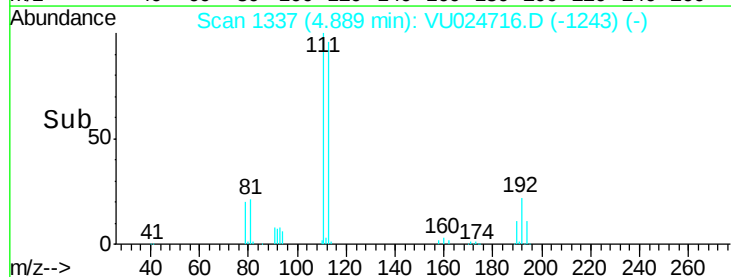
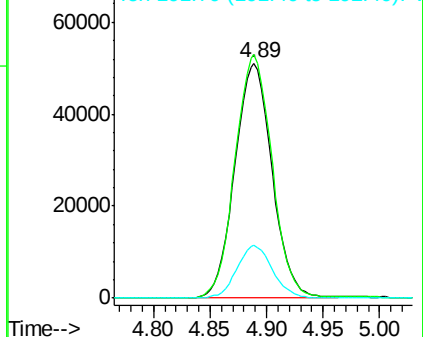


#35
 Dibromofluoromethane
 Concen: 46.74 ug/l
 RT: 4.89 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VU024716.D
 Acq: 19 Jun 2018 02:19

Tgt Ion:113	Resp:	117061
Ion Ratio	Lower	Upper
113 100		
111 103.0	82.2	123.4
192 21.4	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: 48.12 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024716.D

Acq: 19 Jun 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

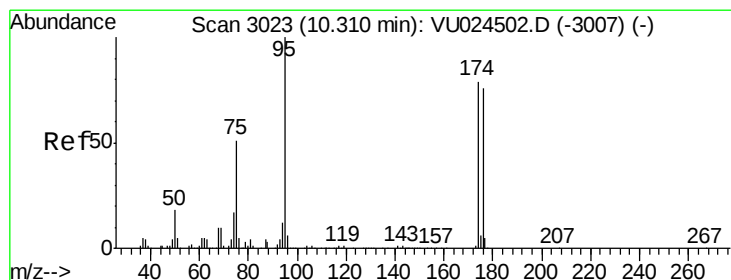
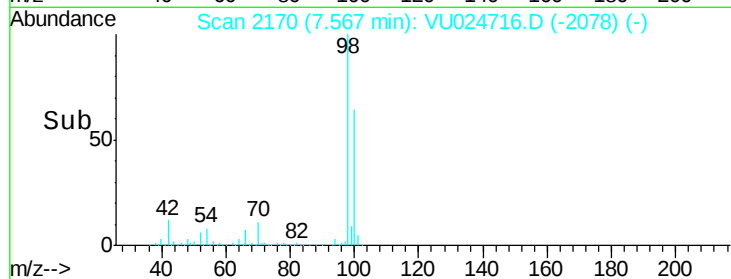
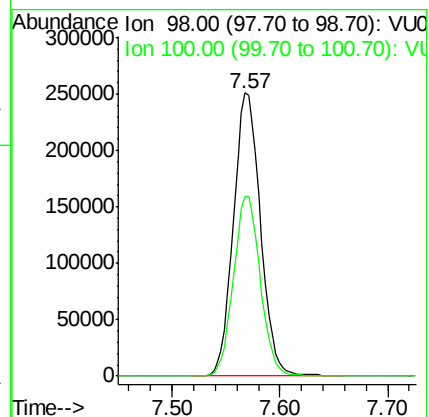
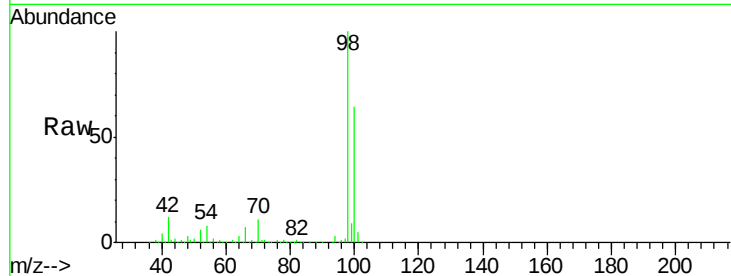
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Tot Ion: 98 Resp: 439647

Ion Ratio Lower Upper

98 100

100 63.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.30 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024716.D

Acq: 19 Jun 2018 02:19

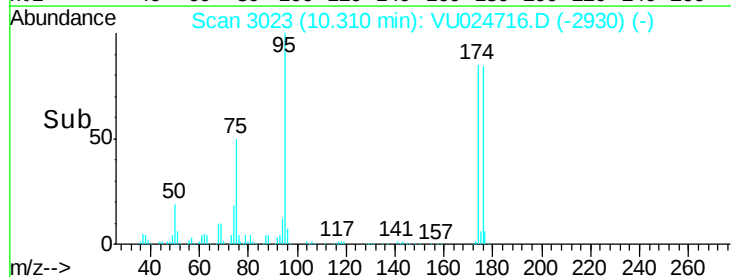
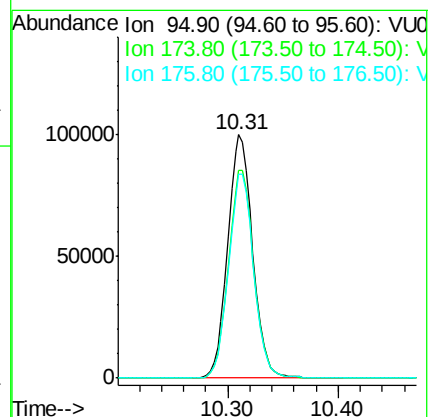
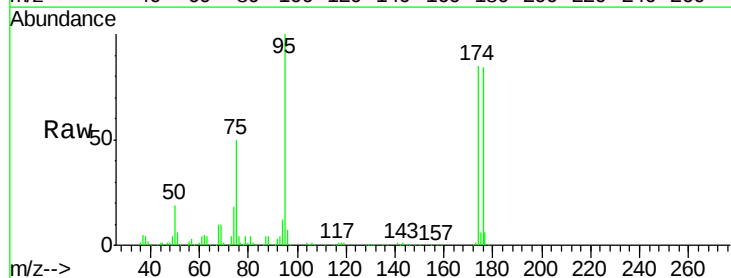
Tgt Ion: 95 Resp: 157057

Ion Ratio Lower Upper

95 100

174 86.5 0.0 165.8

176 84.7 0.0 159.4

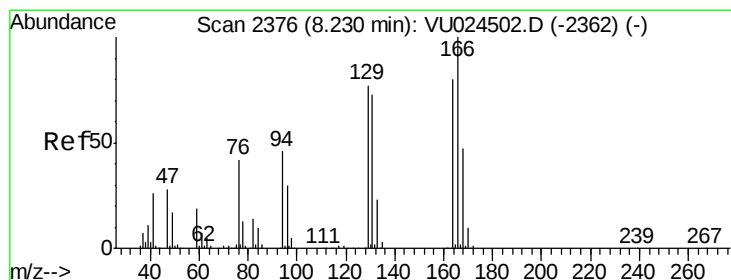
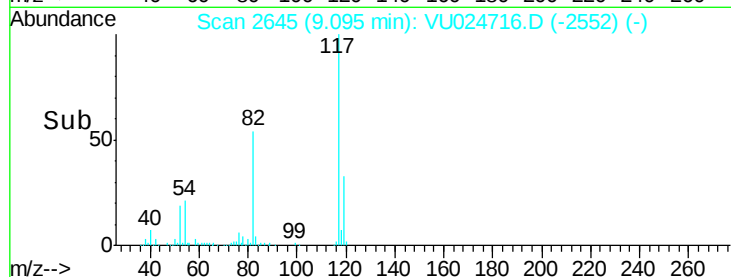
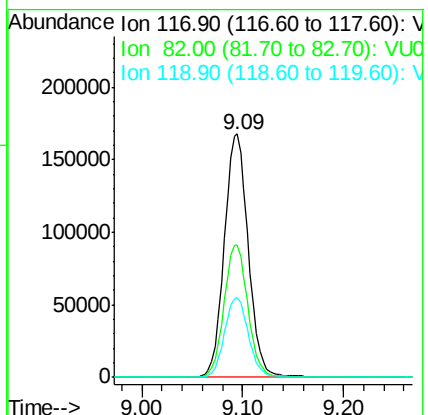
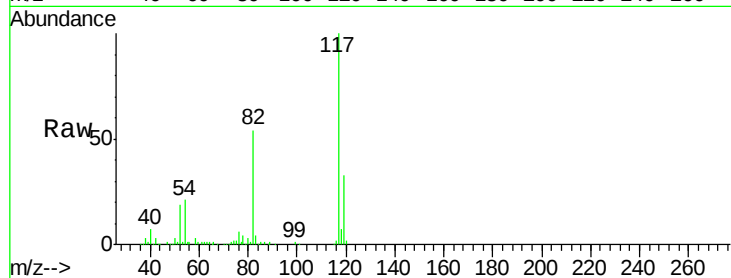




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024716.D
Acq: 19 Jun 2018 02:19

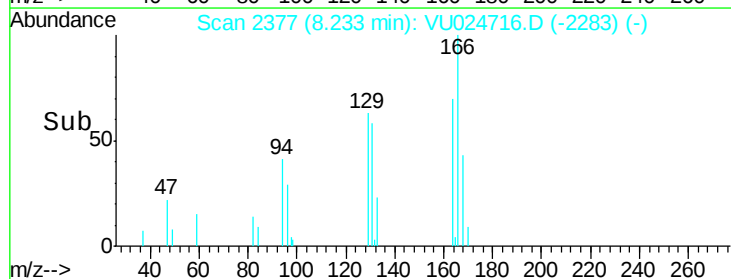
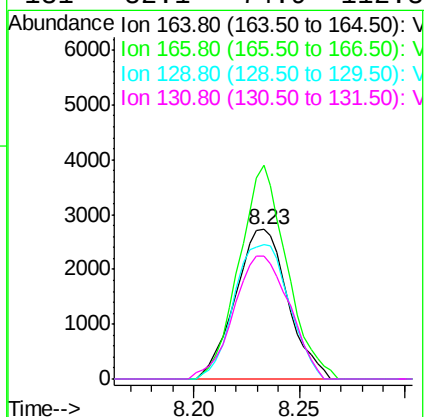
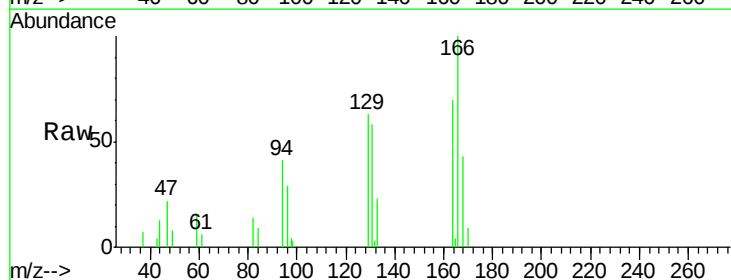
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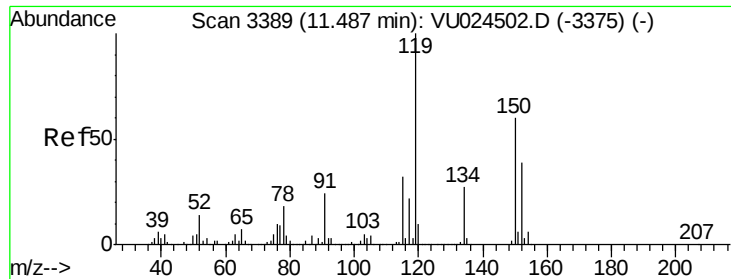
Tot Ion:117 Resp: 279460
Ion Ratio Lower Upper
117 100
82 54.3 44.3 66.5
119 33.0 25.4 38.2



#64
Tetrachloroethene
Concen: 1.78 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024716.D
Acq: 19 Jun 2018 02:19

Tgt Ion:164 Resp: 4721
Ion Ratio Lower Upper
164 100
166 142.8 101.7 152.5
129 89.6 76.9 115.3
131 82.1 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: VU024716.D
 Acq: 19 Jun 2018 02:19

Instrument :
 MSVOA_U
 ClientSampleId :
 SS036MW003-180613

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.0	129.0
150	159.1	0.0	354.0

