

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024876.D
 Acq On : 25 Jun 2018 15:43
 Operator : MD/SY
 Sample : J3662-06DL 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW352-180619DL

Quant Time: Jun 26 12:07:04 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	207567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	289554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	156281	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	149976	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
35) Dibromofluoromethane	4.89	113	121240	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	7.57	98	450689	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	10.31	95	166294	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	

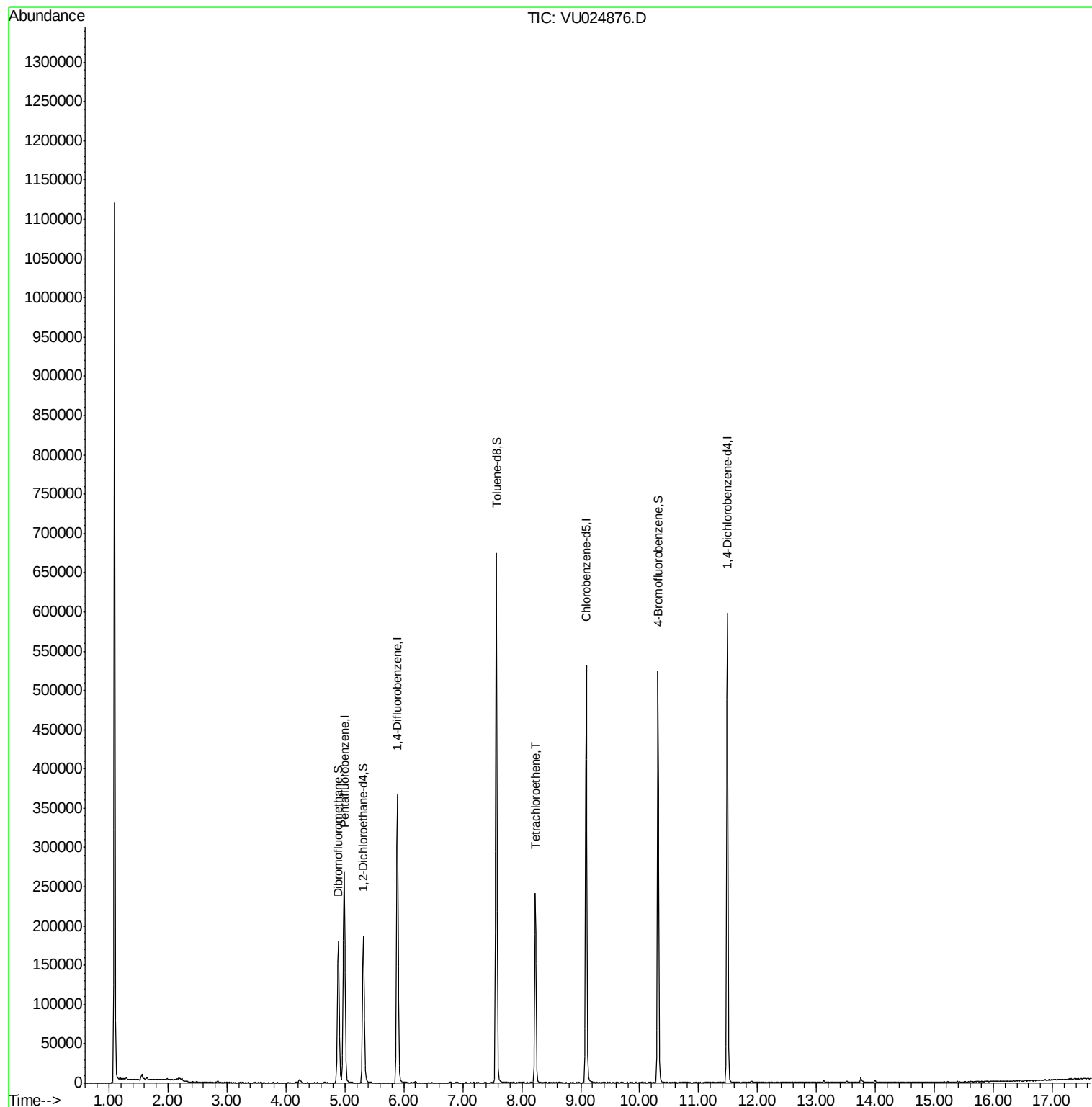
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
64) Tetrachloroethene	8.23	164	54900	19.95	ug/l	97

(#) = 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: VU024876.D

Acq: 25 Jun 2018 15:43

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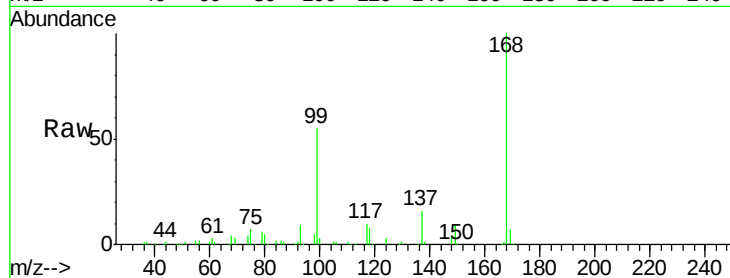
WP021MW352-180619DL

Tot Ion:168 Resp: 207567

Ion Ratio Lower Upper

168 100

99 54.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

100000

80000

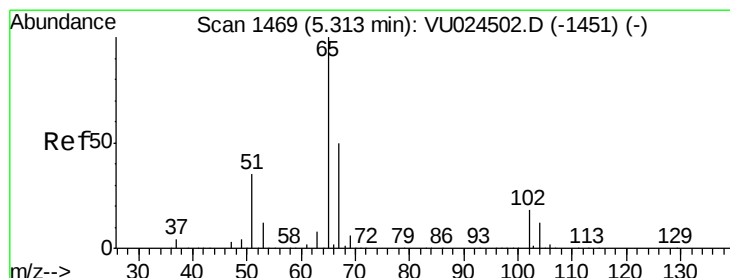
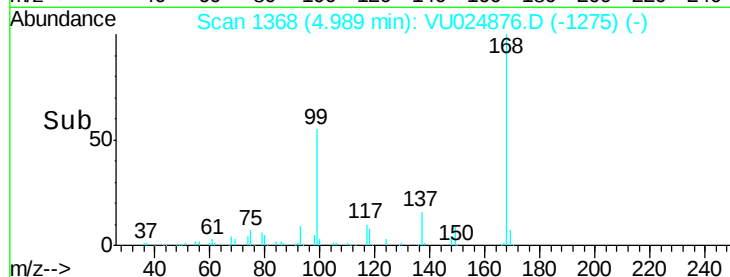
60000

40000

20000

0

Time--> 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 44.26 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU024876.D

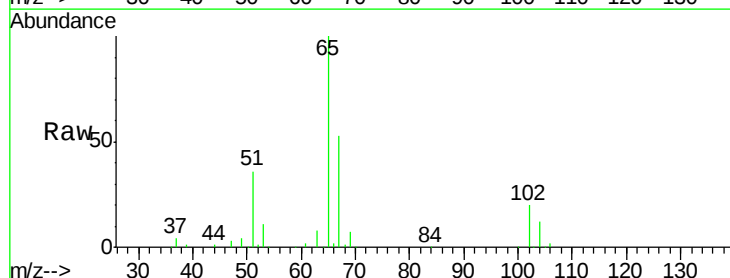
Acq: 25 Jun 2018 15:43

Tgt Ion: 65 Resp: 149976

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

5.31

80000

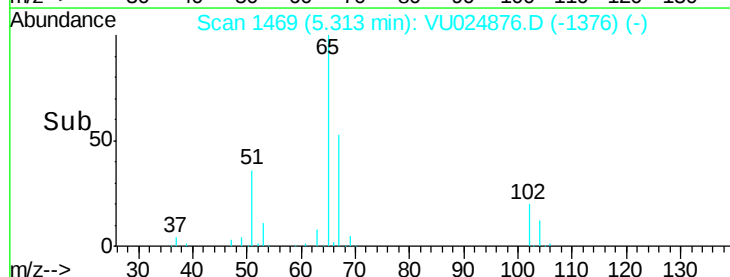
60000

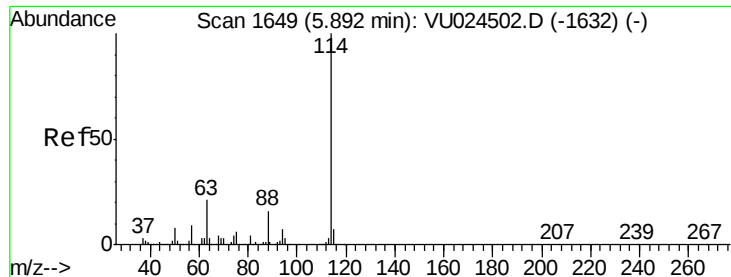
40000

20000

0

Time--> 5.20 5.30 5.40





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU024876.D

Acq: 25 Jun 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

WP021MW352-180619DL

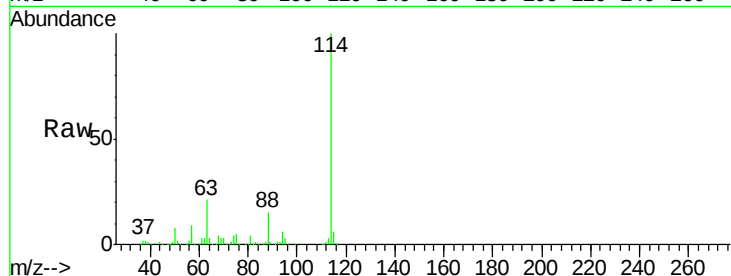
Tot Ion:114 Resp: 312446

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.4

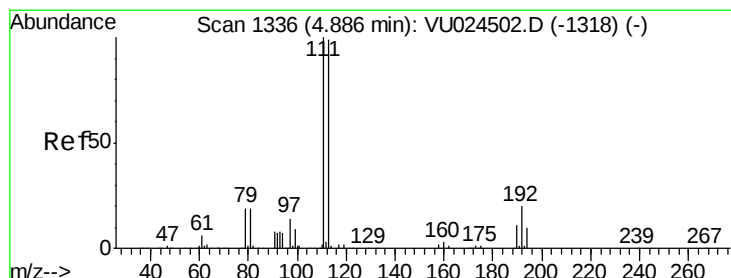
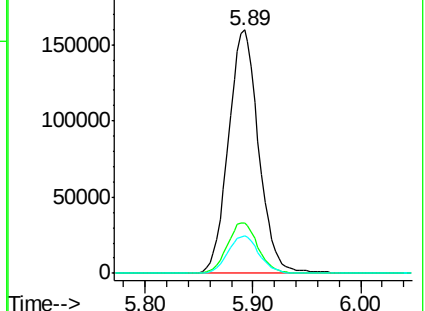
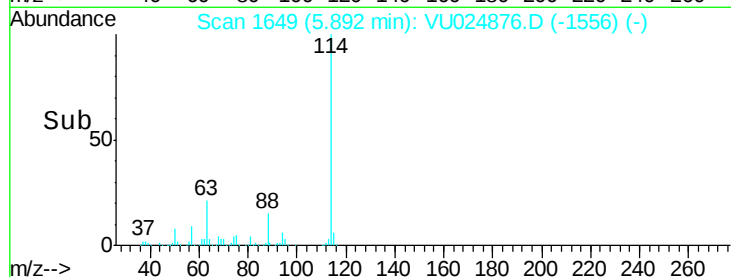
88 15.3 0.0 31.0



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: 46.76 ug/l

RT: 4.89 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VU024876.D

Acq: 25 Jun 2018 15:43

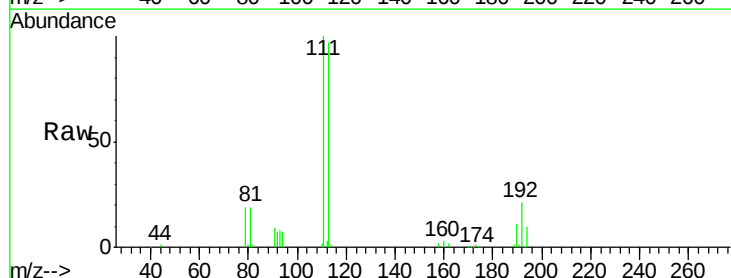
Tgt Ion:113 Resp: 121240

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

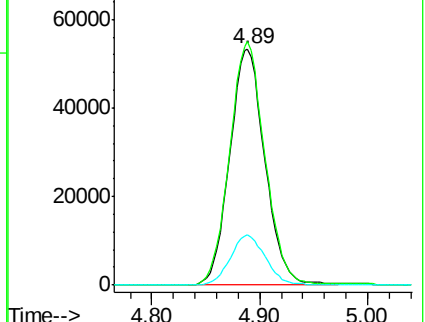
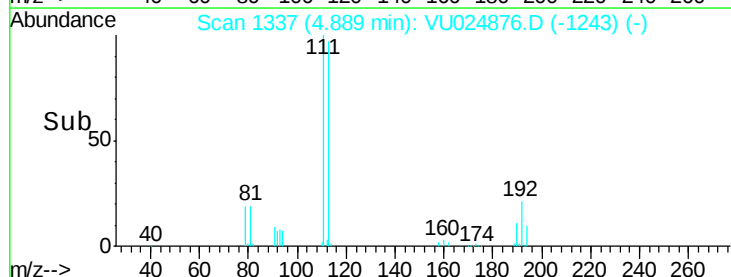
192 21.2 16.2 24.4



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

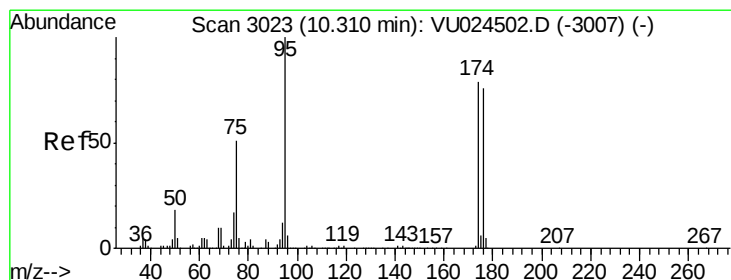
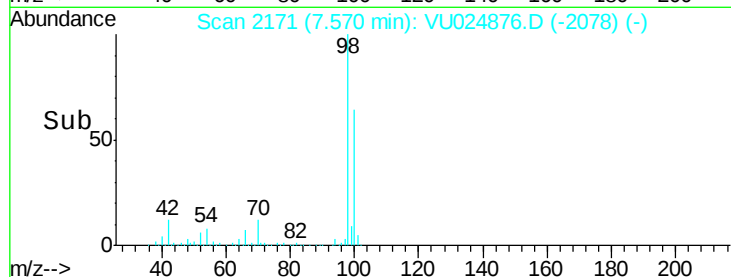
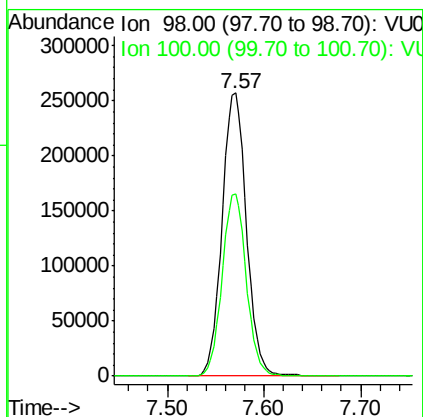
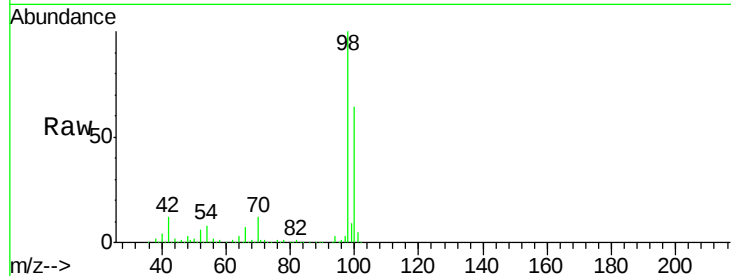




#50
Toluene-d8
Concen: 47.65 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024876.D
Acq: 25 Jun 2018 15:43

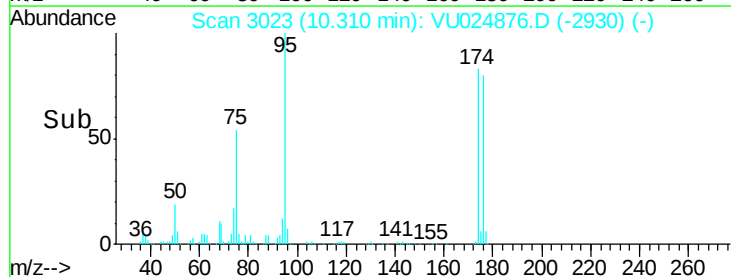
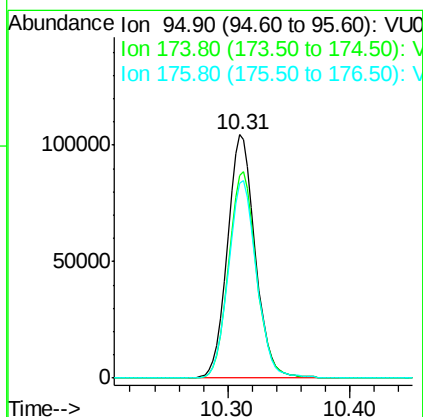
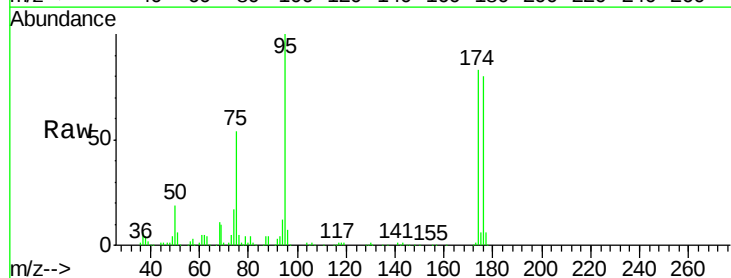
Instrument :
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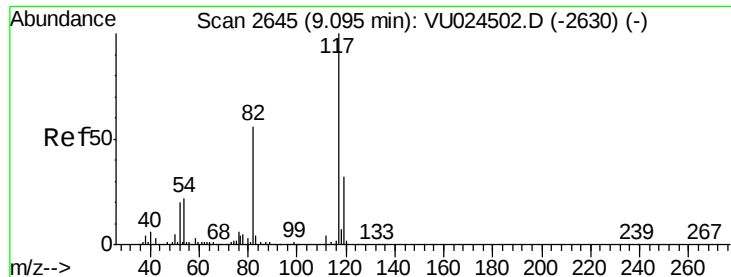
Tot Ion: 98 Resp: 450689
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 44.28 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024876.D
Acq: 25 Jun 2018 15:43

Tgt Ion: 95 Resp: 166294
Ion Ratio Lower Upper
95 100
174 85.3 0.0 165.8
176 82.6 0.0 159.4

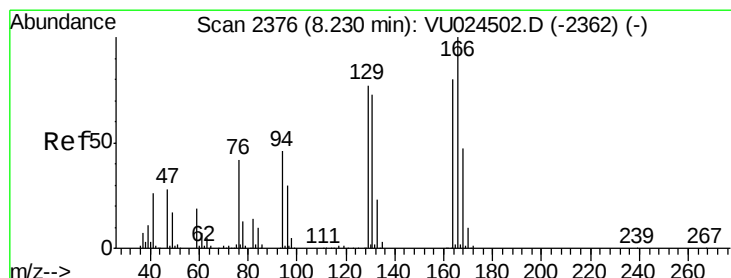
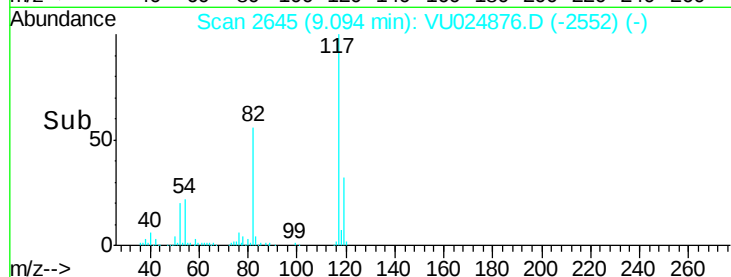
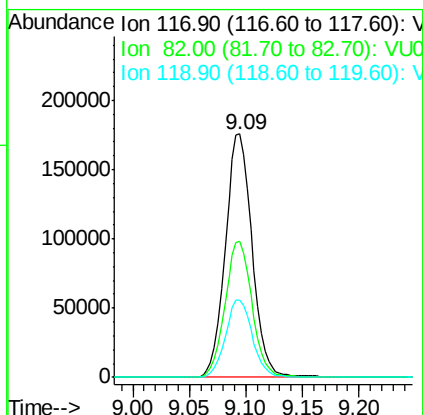
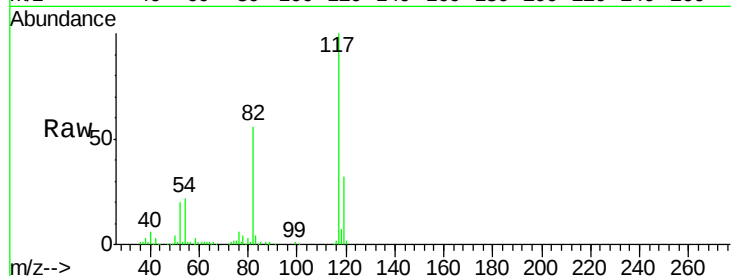




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024876.D
Acq: 25 Jun 2018 15:43

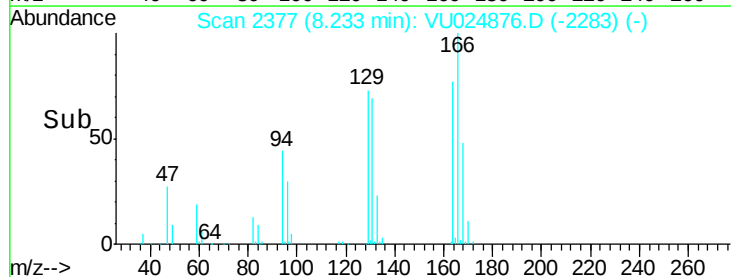
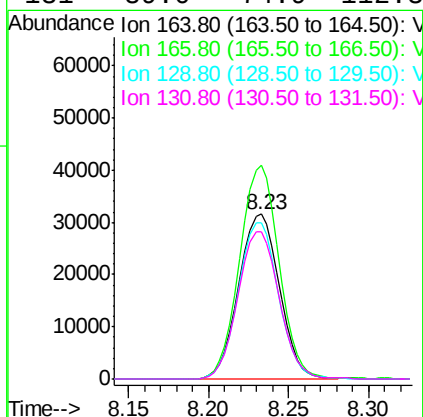
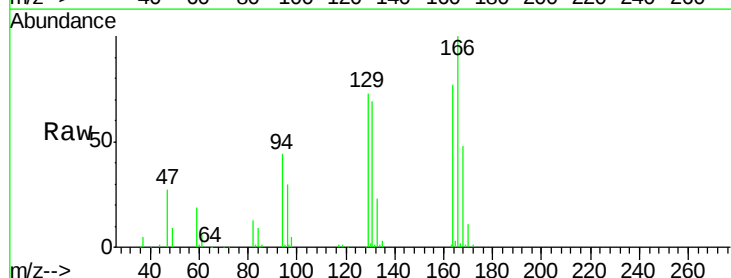
Instrument :
MSVOA_U
ClientSampleId :
WP021MW352-180619DL

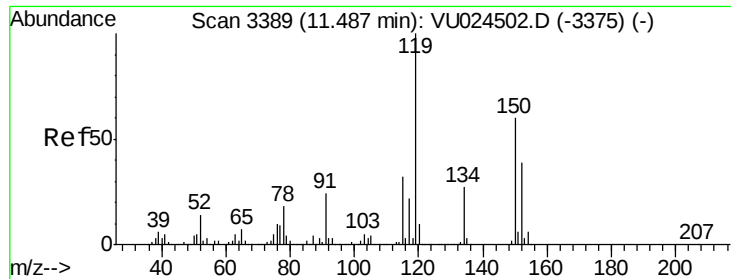
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	31.9	25.4	38.2



#64
Tetrachloroethene
Concen: 19.95 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024876.D
Acq: 25 Jun 2018 15:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	101.7	152.5
129	95.0	76.9	115.3
131	89.0	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: VU024876.D

Acq: 25 Jun 2018 15:43

Instrument :

MSVOA_U

ClientSampleId :

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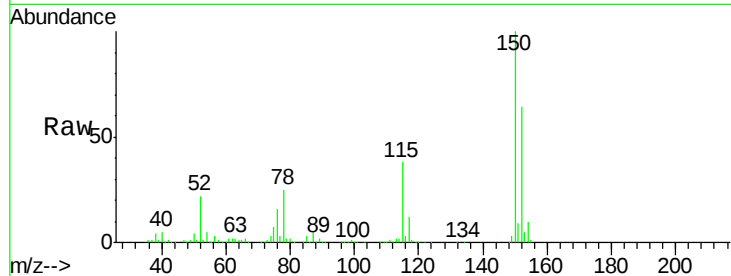
Tot Ion:152 Resp: 156281

Ion Ratio Lower Upper

152 100

115 56.8 43.0 129.0

150 155.4 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

