

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025045.D
 Acq On : 29 Jun 2018 01:59
 Operator : MD/SY
 Sample : J3669-31ME 10X
 Misc : 6.81g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB474-33-35-180620ME

Quant Time: Jun 29 08:15:36 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

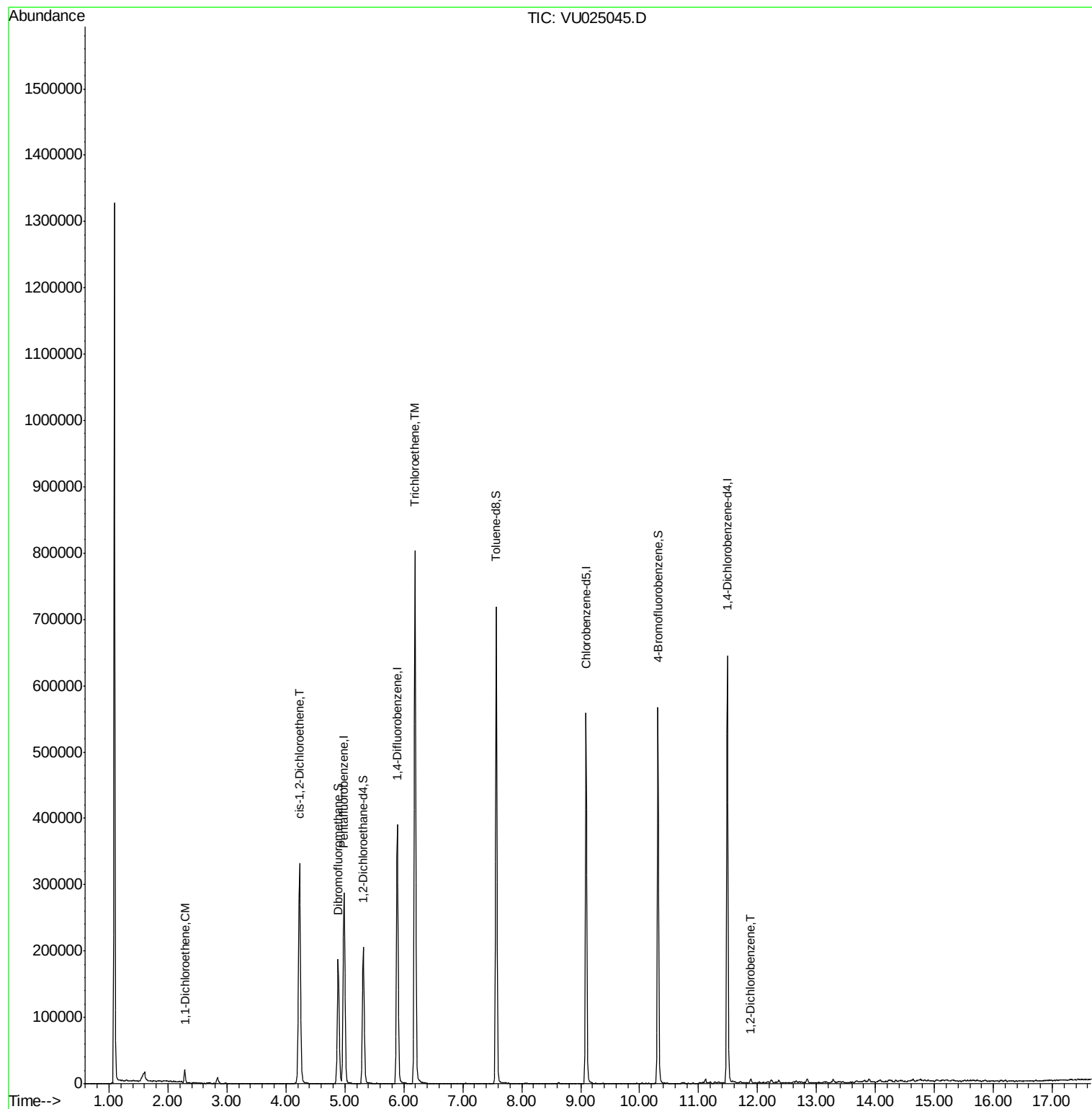
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	220891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	330348	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	307576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	168238	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	166429	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
35) Dibromofluoromethane	4.89	113	127328	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	7.57	98	475035	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.00%	
62) 4-Bromofluorobenzene	10.31	95	179715	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						
12) 1,1-Dichloroethene	2.28	96	6002	2.39	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	185729	58.32	ug/l	88
44) Trichloroethene	6.19	130	280275	89.03	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	3196	0.53	ug/l	96

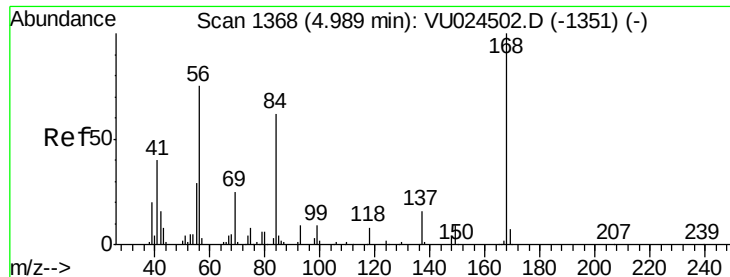
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VU025045.D

Acq: 29 Jun 2018 01:59

Instrument :

MSVOA_U

ClientSampleId :

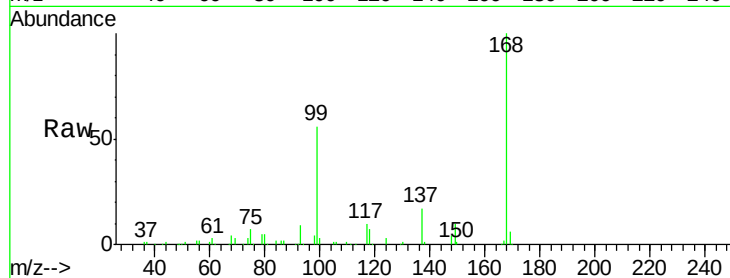
WP021SB474-33-35-180620ME

Tot Ion:168 Resp: 220891

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

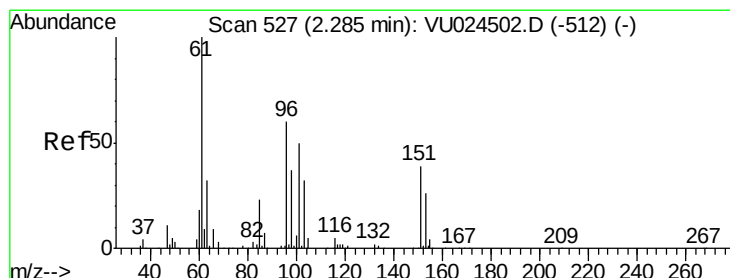
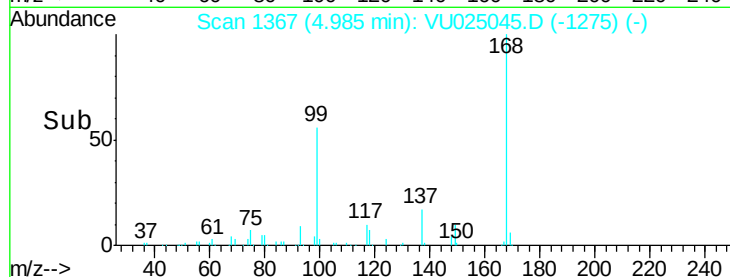
40000

20000

0

Time-->

4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 2.39 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU025045.D

Acq: 29 Jun 2018 01:59

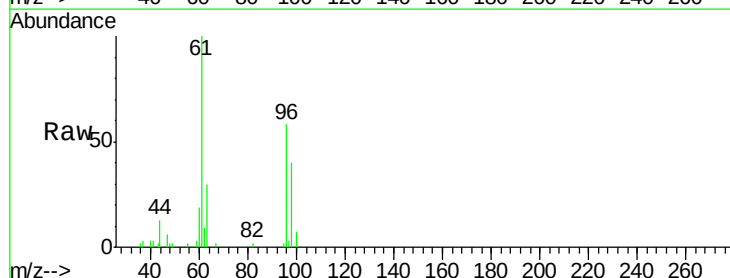
Tgt Ion: 96 Resp: 6002

Ion Ratio Lower Upper

96 100

61 171.0 141.7 212.5

98 68.5 51.6 77.4



Abundance Ion 95.90 (95.60 to 96.60): VU024502.D (-512) (-)

Ion 60.90 (60.60 to 61.60): VU024502.D (-512) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-512) (-)

2.28

8000

6000

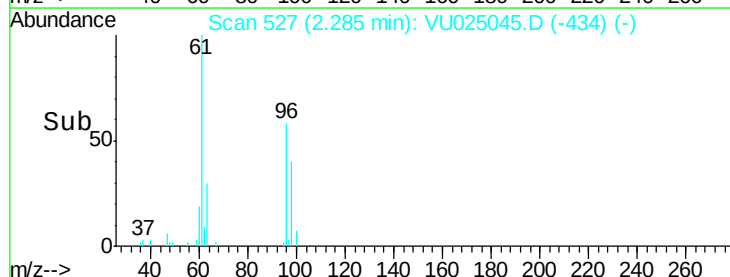
4000

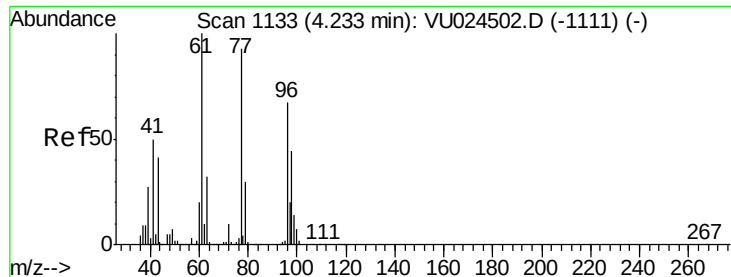
2000

0

Time-->

2.25 2.30





#27

cis-1,2-Dichloroethene

Concen: 58.32 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025045.D

Acq: 29 Jun 2018 01:59

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-33-35-180620ME

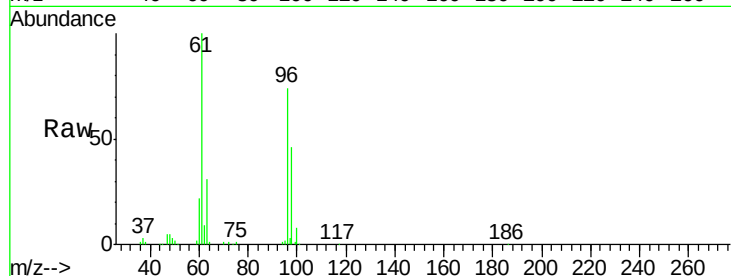
Tot Ion: 96 Resp: 185729

Ion Ratio Lower Upper

96 100

61 132.5 0.0 306.6

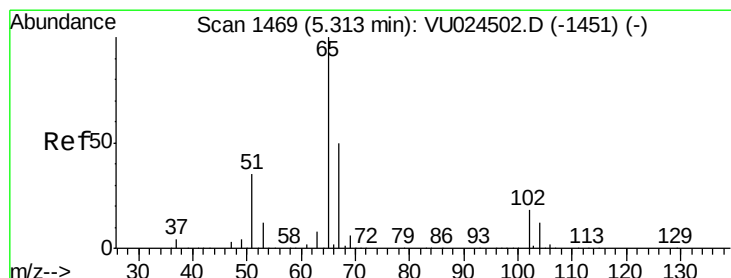
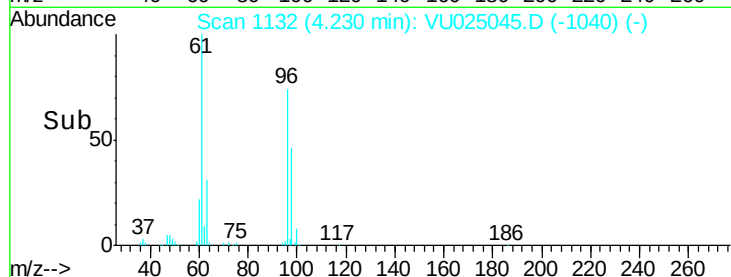
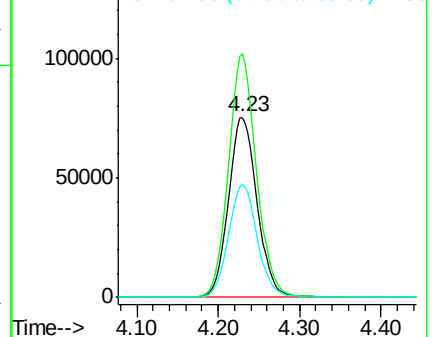
98 63.0 0.0 128.8



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: 46.15 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025045.D

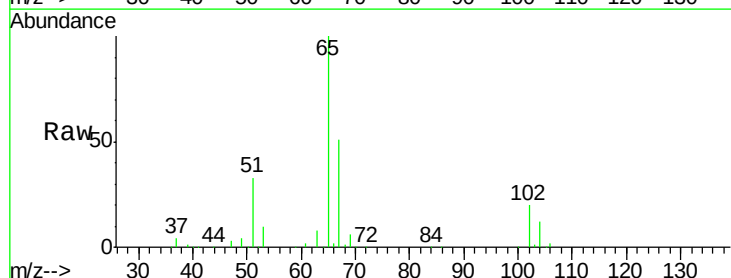
Acq: 29 Jun 2018 01:59

Tgt Ion: 65 Resp: 166429

Ion Ratio Lower Upper

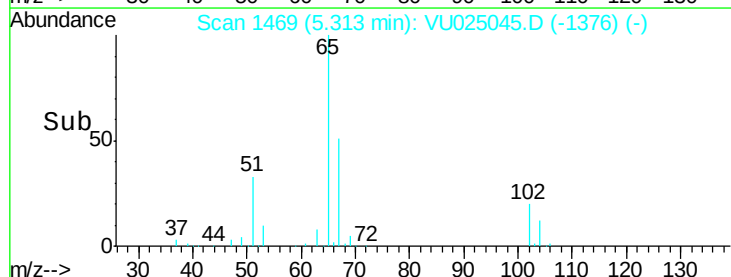
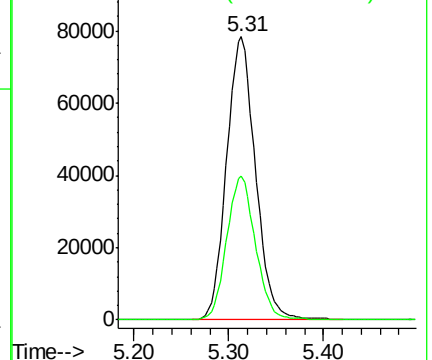
65 100

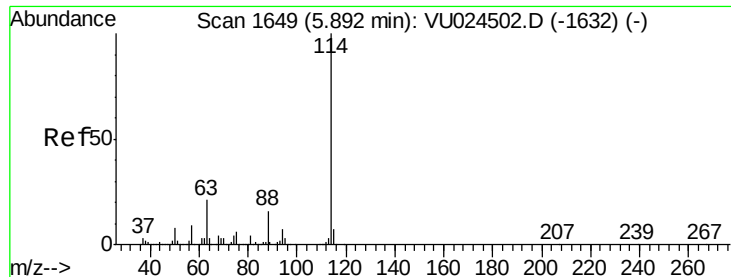
67 50.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025045.D

Acq: 29 Jun 2018 01:59

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-33-35-180620ME

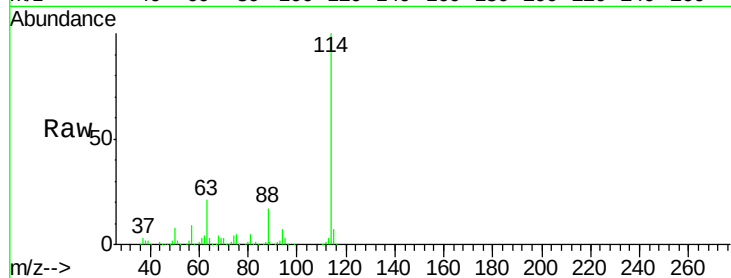
Tot Ion:114 Resp: 330348

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.4

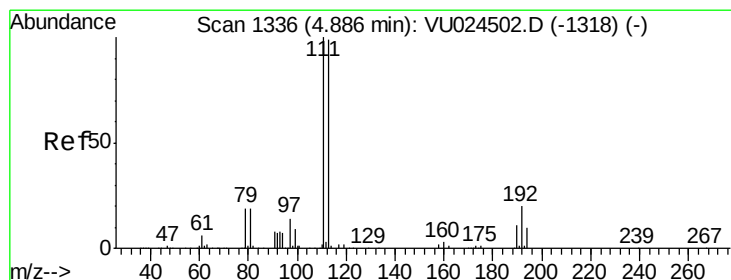
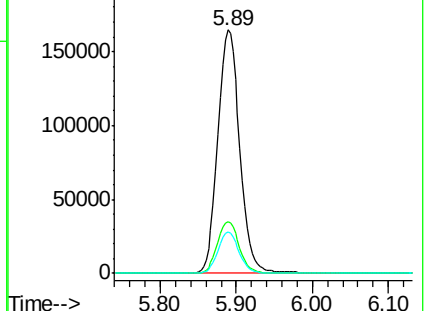
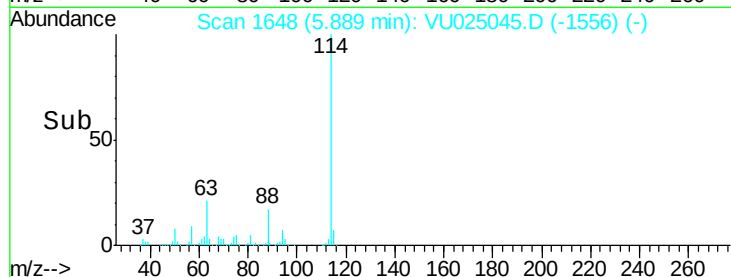
88 16.9 0.0 31.0



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: 46.44 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025045.D

Acq: 29 Jun 2018 01:59

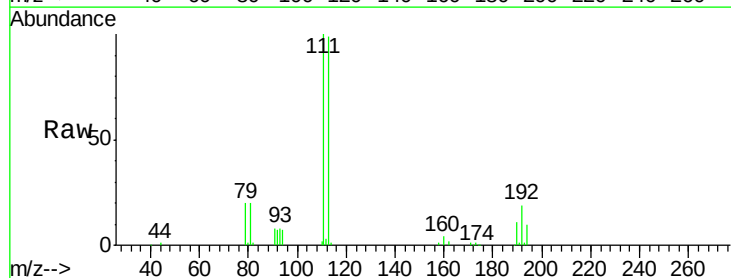
Tgt Ion:113 Resp: 127328

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.4

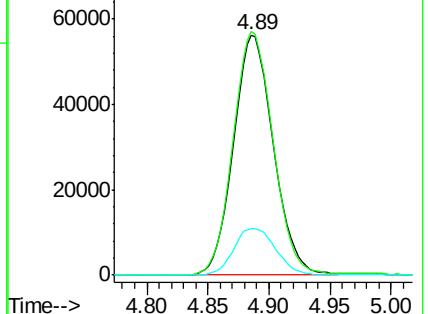
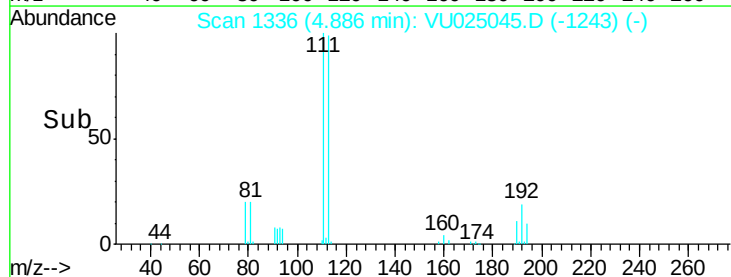
192 20.5 16.2 24.4

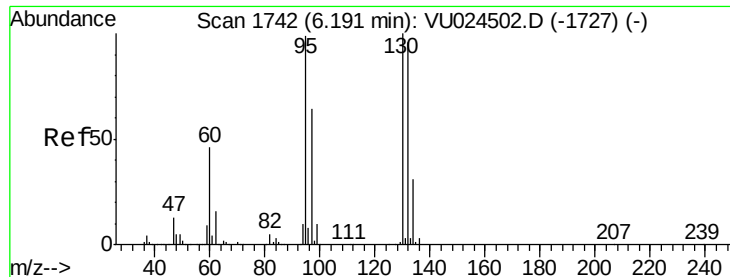


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 89.03 ug/l

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025045.D

Acq: 29 Jun 2018 01:59

Instrument :

MSVOA_U

ClientSampleId :

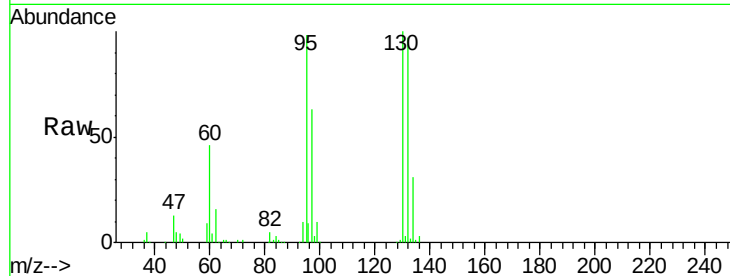
WP021SB474-33-35-180620ME

Tot Ion:130 Resp: 280275

Ion Ratio Lower Upper

130 100

95 98.4 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.19

150000

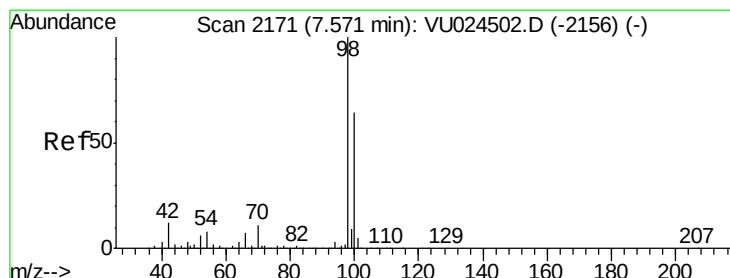
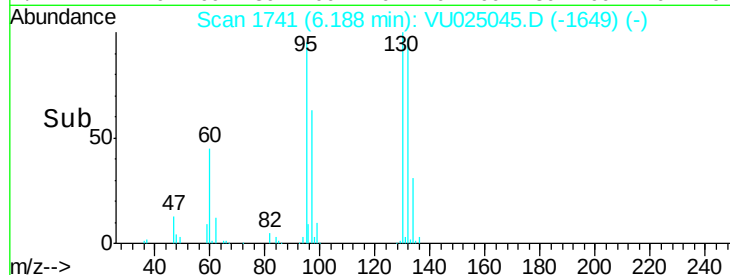
100000

50000

0

Time-->

6.10 6.20 6.30



#50

Toluene-d8

Concen: 47.50 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025045.D

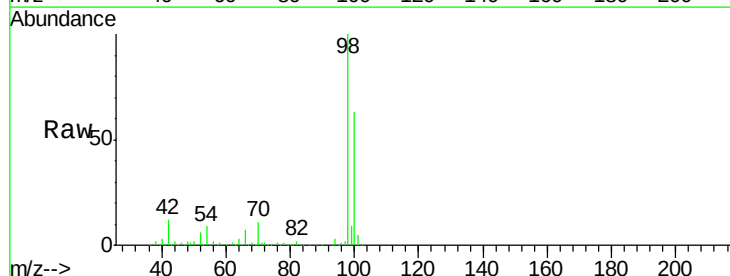
Acq: 29 Jun 2018 01:59

Tgt Ion: 98 Resp: 475035

Ion Ratio Lower Upper

98 100

100 63.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

300000

250000

200000

150000

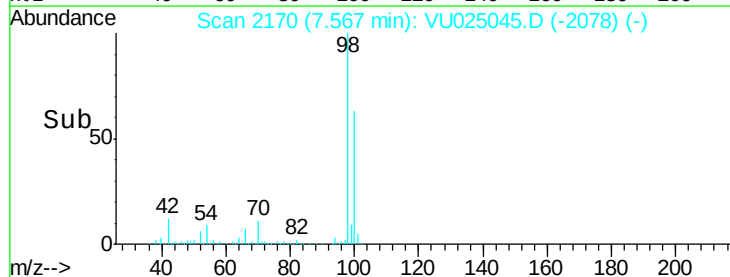
100000

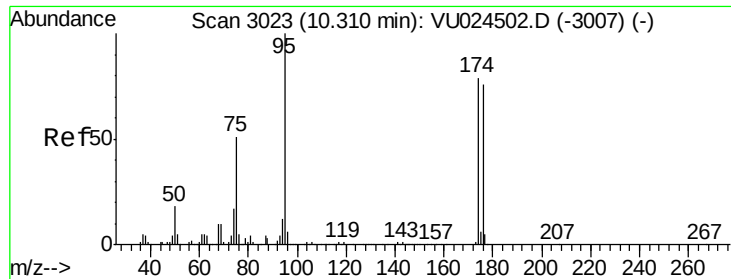
50000

0

Time-->

7.50 7.55 7.60 7.65

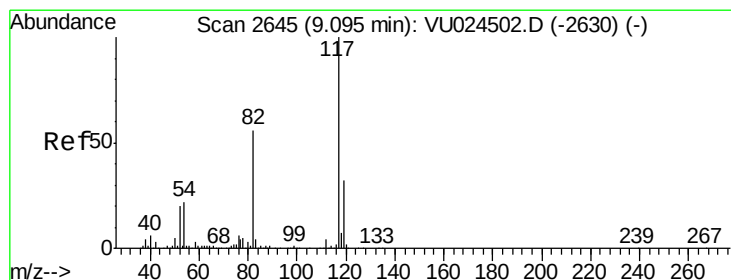
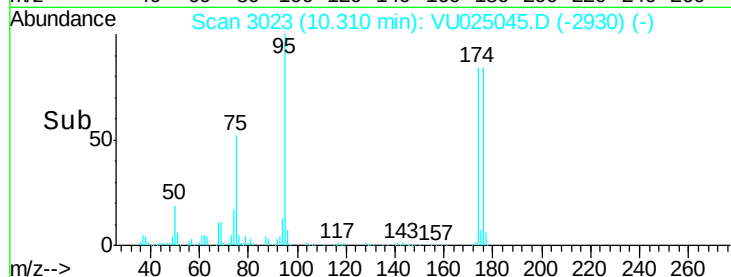
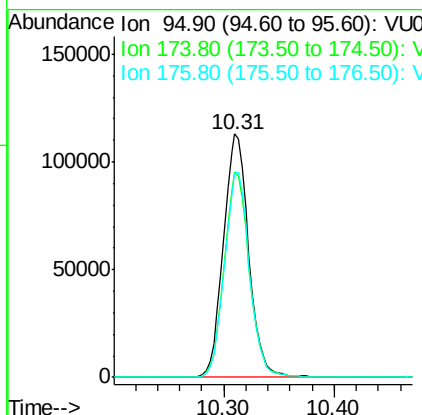
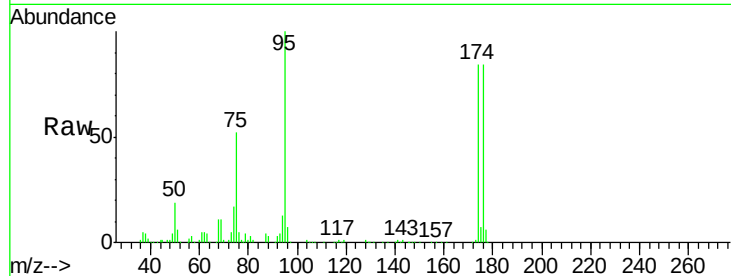




#62
4-Bromofluorobenzene
Concen: 45.26 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025045.D
Acq: 29 Jun 2018 01:59

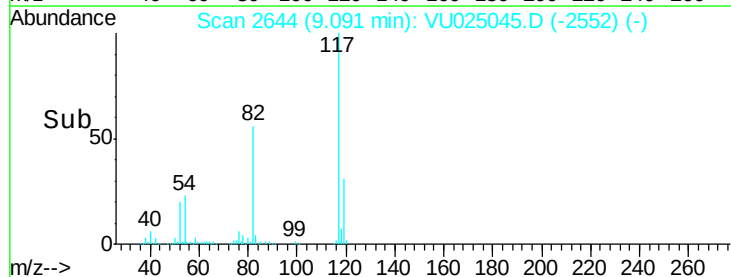
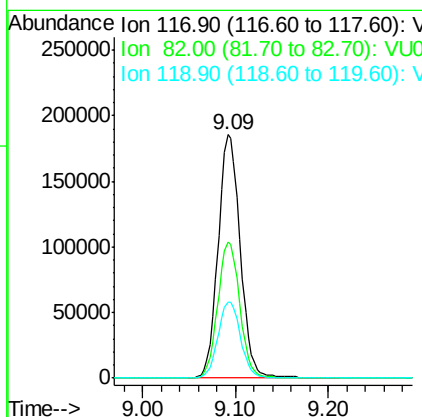
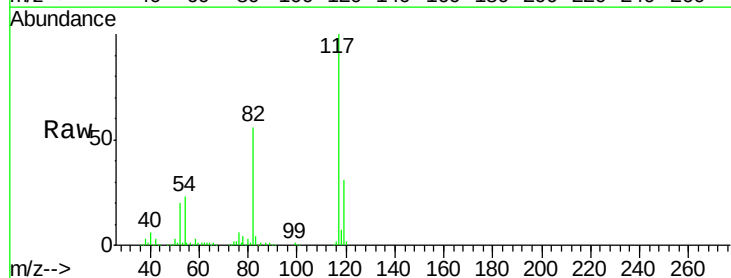
Instrument :
MSVOA_U
ClientSampleId :
WP021SB474-33-35-180620ME

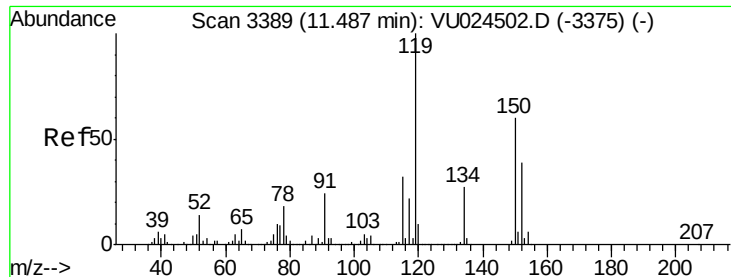
Tot Ion	95	Resp	179715
Ion Ratio	100		
Lower			
Upper			
95	100		
174	83.9	0.0	165.8
176	83.4	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025045.D
Acq: 29 Jun 2018 01:59

Tgt Ion	117	Resp	307576
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
117	100		
82	55.8	44.3	66.5
119	31.3	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU025045.D

Acq: 29 Jun 2018 01:59

Instrument :

MSVOA_U

ClientSampleId :

WP021SB474-33-35-180620ME

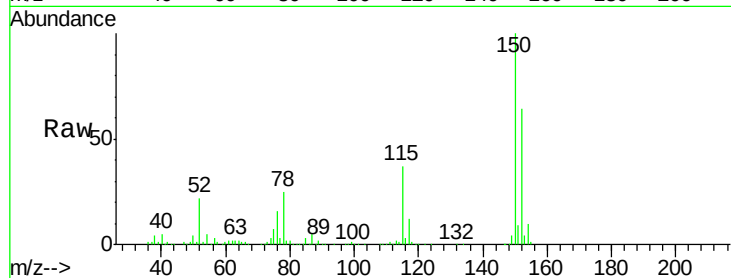
Tot Ion:152 Resp: 168238

Ion Ratio Lower Upper

152 100

115 58.3 43.0 129.0

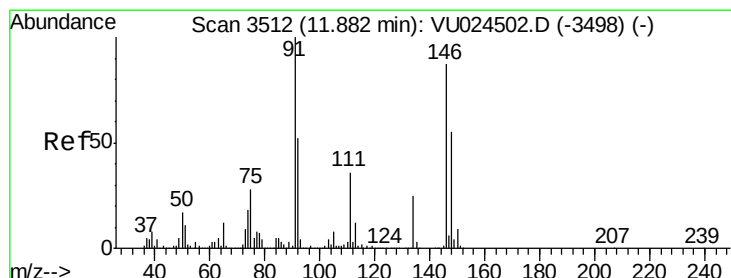
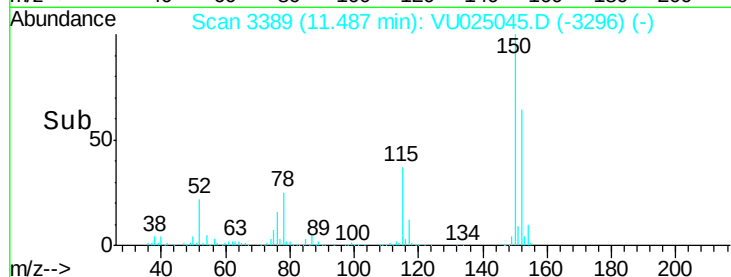
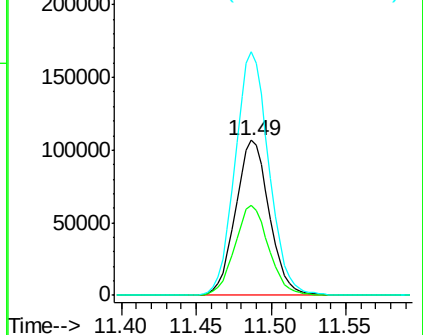
150 157.3 0.0 354.0



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



#91

1,2-Dichlorobenzene

Concen: 0.53 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU025045.D

Acq: 29 Jun 2018 01:59

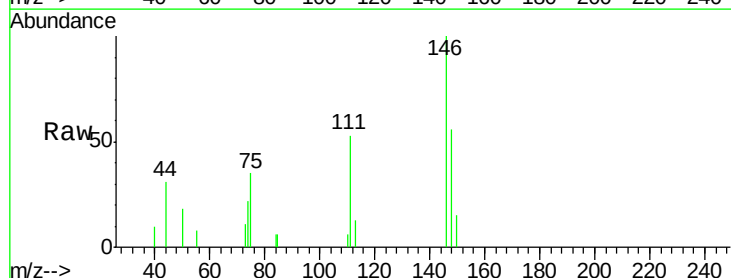
Tgt Ion:146 Resp: 3196

Ion Ratio Lower Upper

146 100

111 43.5 20.5 61.6

148 60.5 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

