

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025022.D
 Acq On : 28 Jun 2018 15:53
 Operator : MD/SY
 Sample : J3707-23 20X
 Misc : 6.12g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB489-25-27-180622

Quant Time: Jun 29 06:50:38 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

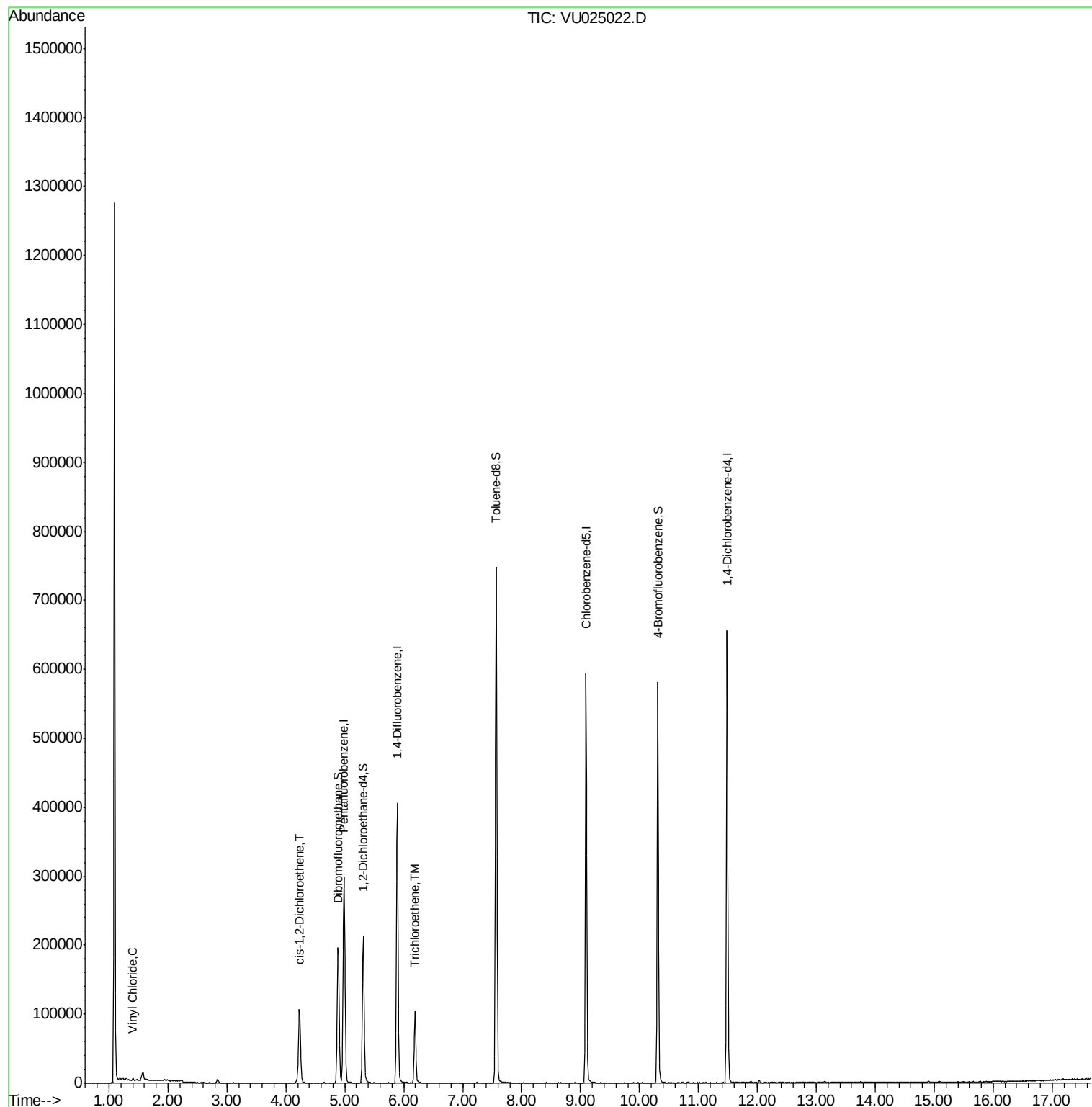
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	231121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	345563	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	322490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	173573	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	173933	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
35) Dibromofluoromethane	4.89	113	134167	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
50) Toluene-d8	7.57	98	495682	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	10.31	95	187991	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1763	0.58	ug/l	# 88
27) cis-1,2-Dichloroethene	4.23	96	59672	17.91	ug/l	89
44) Trichloroethene	6.19	130	37104	11.27	ug/l	97

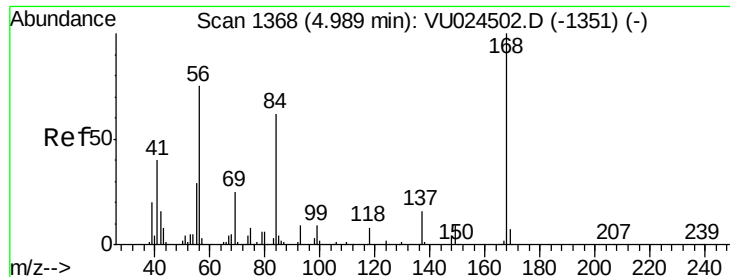
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025022.D

Acq: 28 Jun 2018 15:53

Instrument :

MSVOA_U

ClientSampleId :

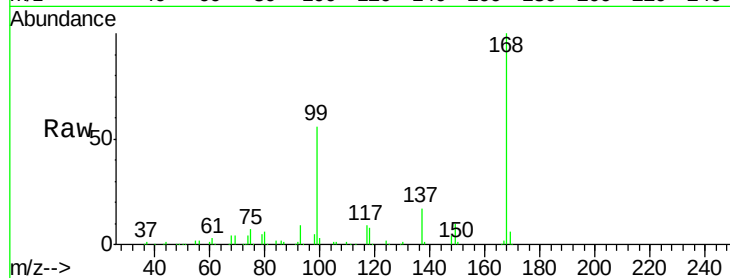
WP021SB489-25-27-180622

Tot Ion:168 Resp: 231121

Ion Ratio Lower Upper

168 100

99 56.0 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

120000

100000

80000

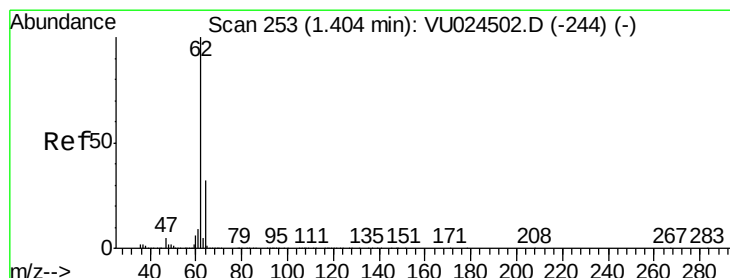
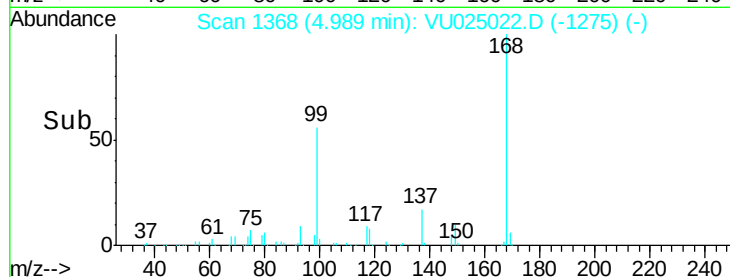
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.58 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025022.D

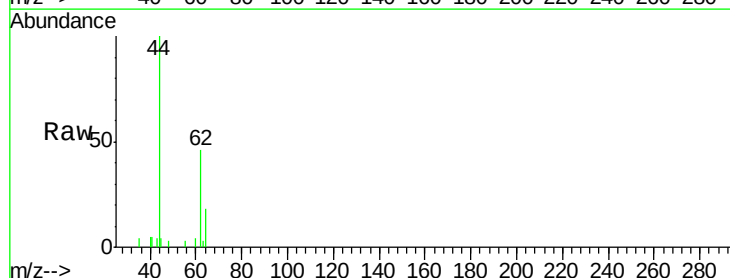
Acq: 28 Jun 2018 15:53

Tgt Ion: 62 Resp: 1763

Ion Ratio Lower Upper

62 100

64 37.9 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

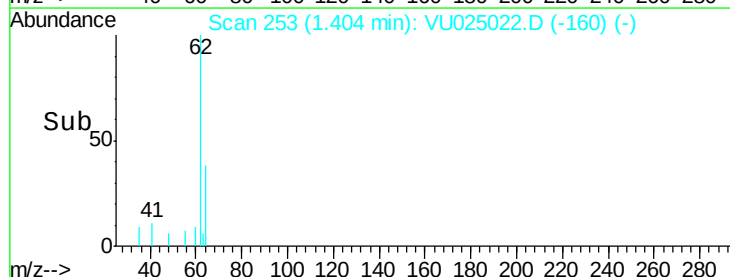
1500

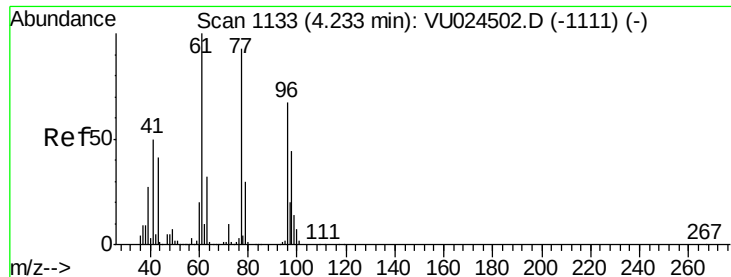
1000

500

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 17.91 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025022.D

Acq: 28 Jun 2018 15:53

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-25-27-180622

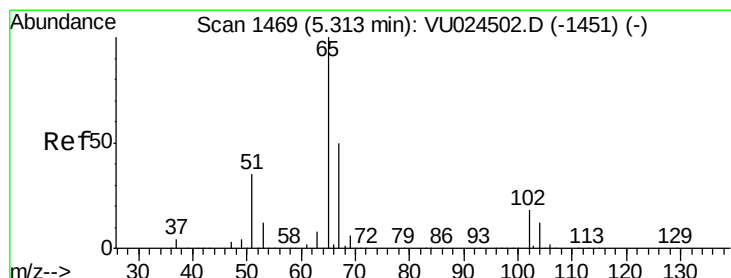
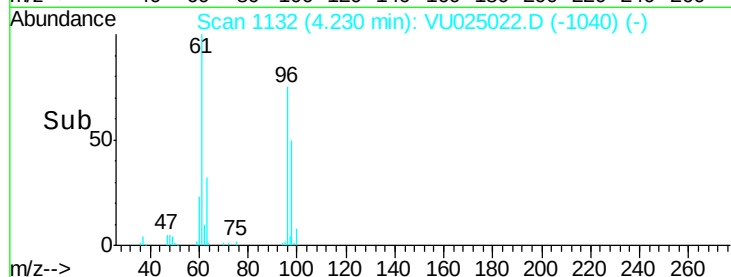
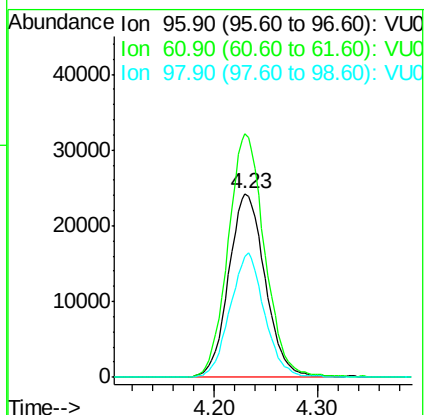
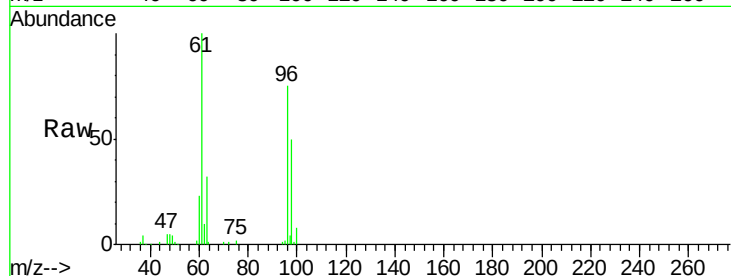
Tot Ion: 96 Resp: 59672

Ion Ratio Lower Upper

96 100

61 132.9 0.0 306.6

98 64.1 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 46.10 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU025022.D

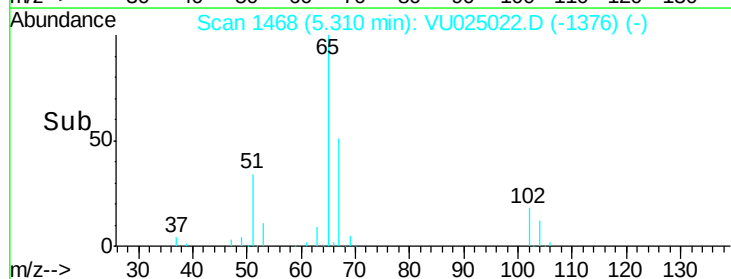
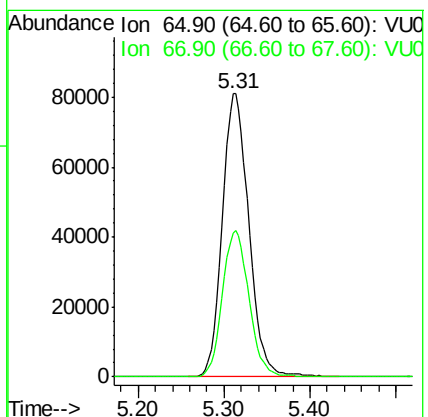
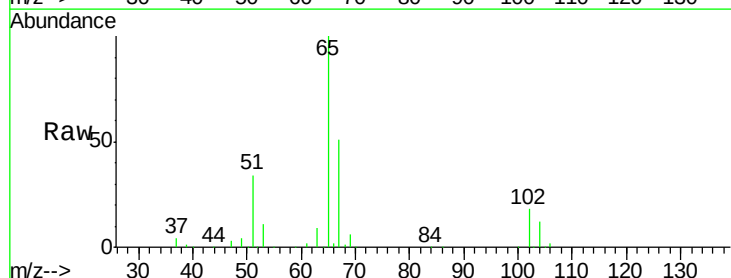
Acq: 28 Jun 2018 15:53

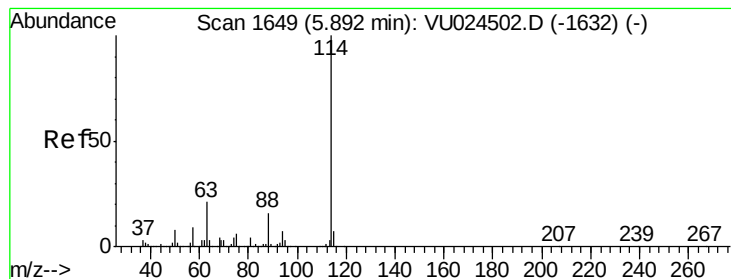
Tgt Ion: 65 Resp: 173933

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU025022.D

Acq: 28 Jun 2018 15:53

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-25-27-180622

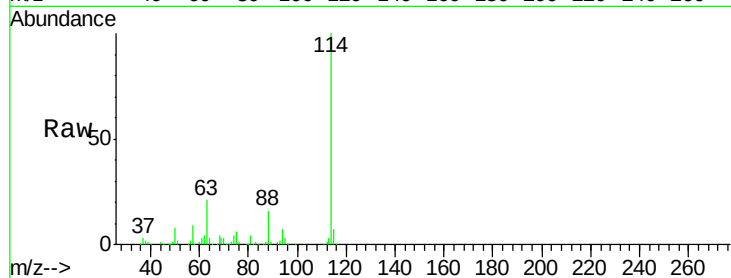
Tot Ion:114 Resp: 345563

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

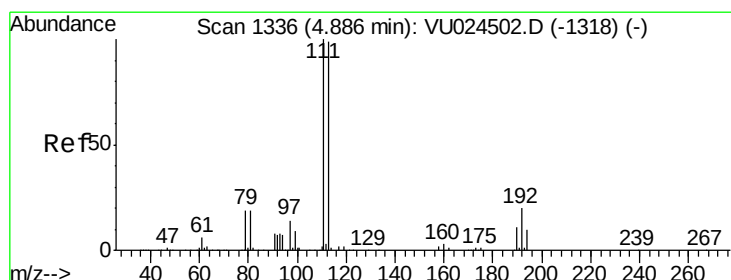
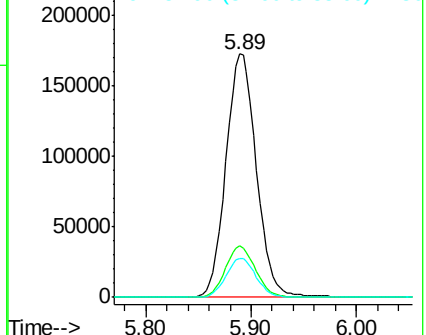
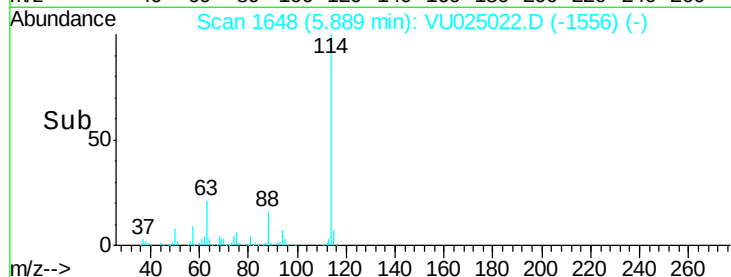
88 16.1 0.0 31.0



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: 46.78 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025022.D

Acq: 28 Jun 2018 15:53

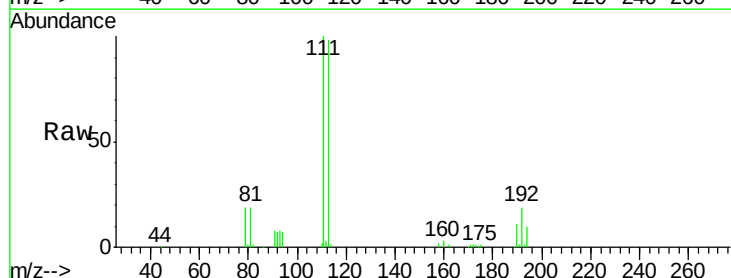
Tgt Ion:113 Resp: 134167

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

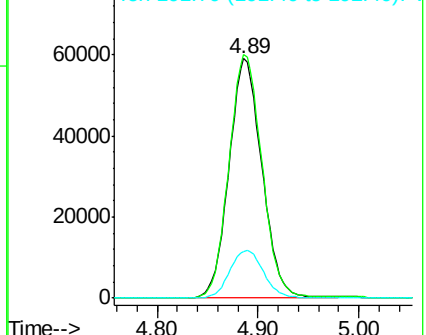
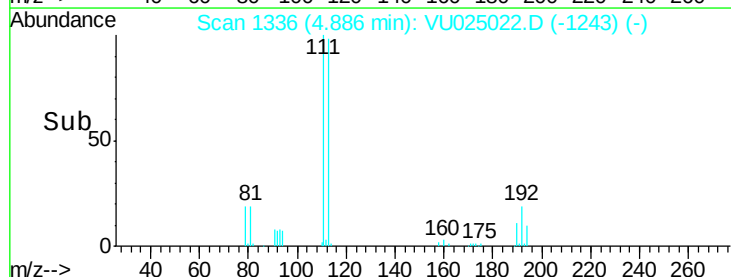
192 20.3 16.2 24.4

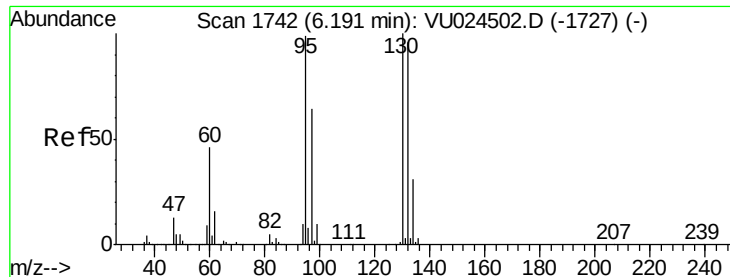


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 11.27 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU025022.D

Acq: 28 Jun 2018 15:53

Instrument :

MSVOA_U

ClientSampleId :

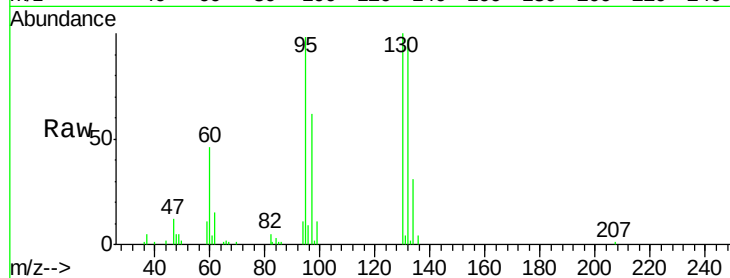
WP021SB489-25-27-180622

Tot Ion:130 Resp: 37104

Ion Ratio Lower Upper

130 100

95 97.9 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

20000

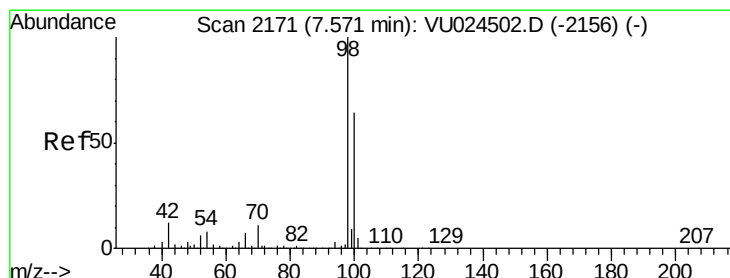
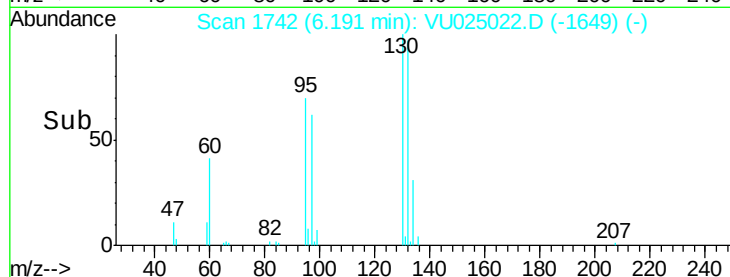
15000

10000

5000

0

Time--> 6.10 6.15 6.20 6.25 6.30



#50

Toluene-d8

Concen: 47.38 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025022.D

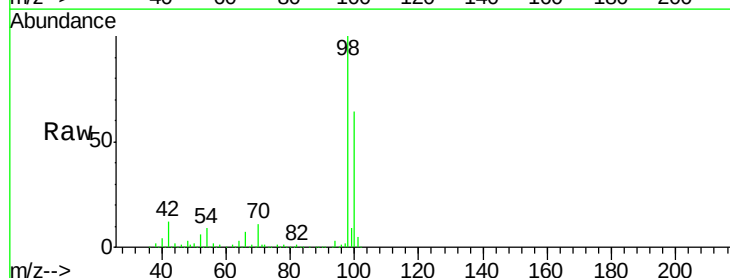
Acq: 28 Jun 2018 15:53

Tgt Ion: 98 Resp: 495682

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

7.57

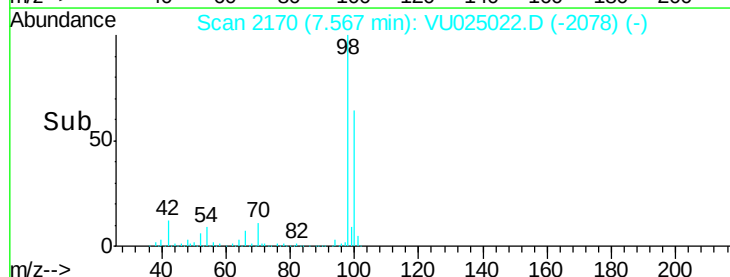
300000

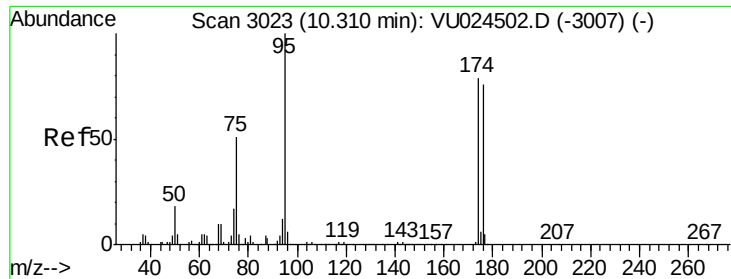
200000

100000

0

Time--> 7.50 7.55 7.60 7.65

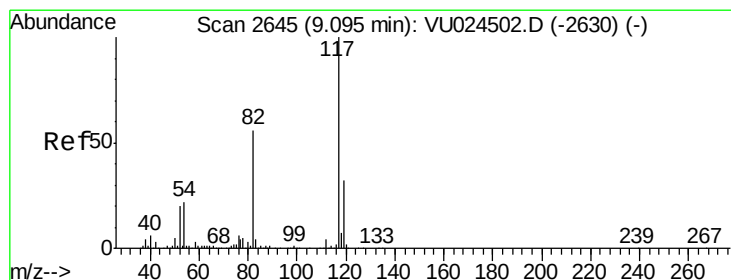
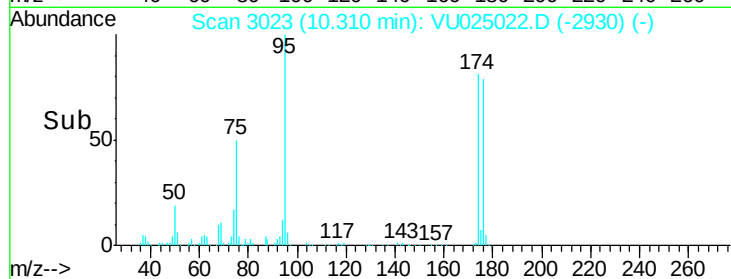
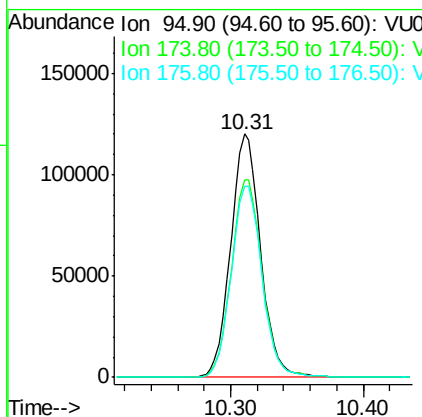
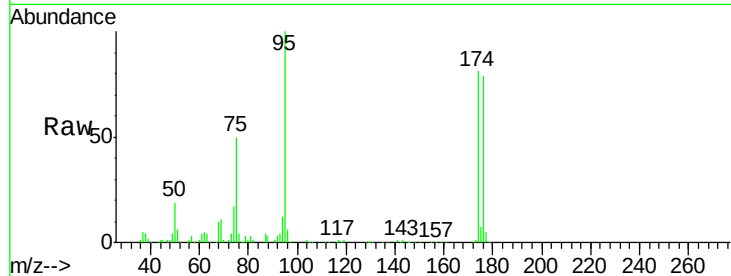




#62
4-Bromofluorobenzene
Concen: 45.26 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025022.D
Acq: 28 Jun 2018 15:53

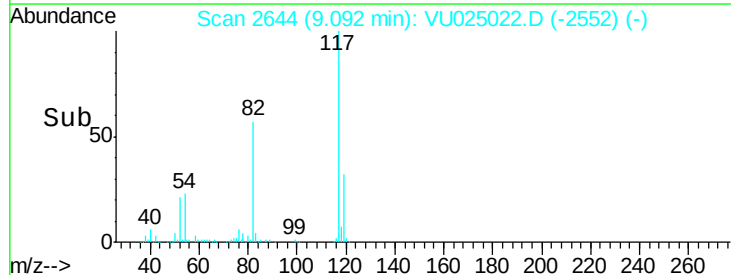
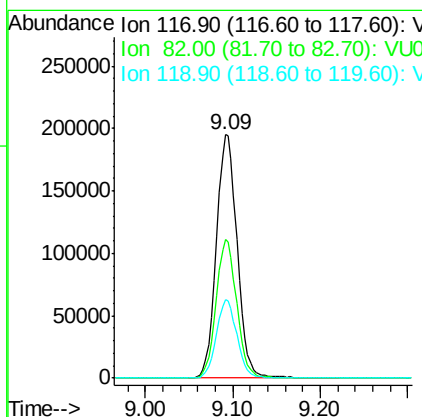
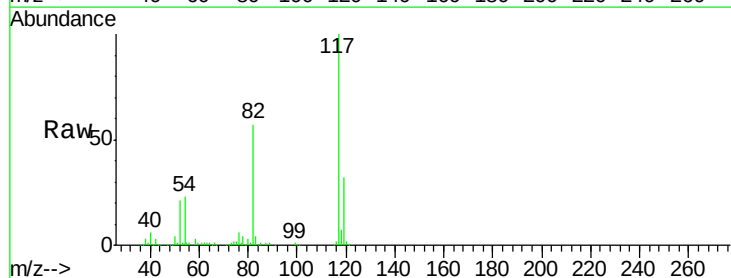
Instrument :
MSVOA_U
ClientSampleId :
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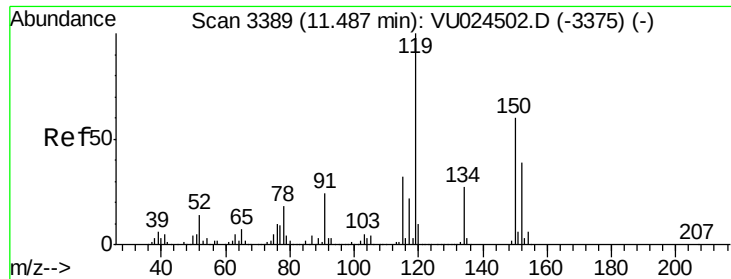
Tot Ion	95	Resp	187991
Ion Ratio	Lower	Upper	
95	100		
174	83.9	0.0	165.8
176	81.0	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025022.D
Acq: 28 Jun 2018 15:53

Tgt Ion	117	Resp	322490
Ion Ratio	Lower	Upper	
117	100		
82	57.2	44.3	66.5
119	32.2	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: VU025022.D

Acq: 28 Jun 2018 15:53

Instrument :

MSVOA_U

ClientSampleId :

WP021SB489-25-27-180622

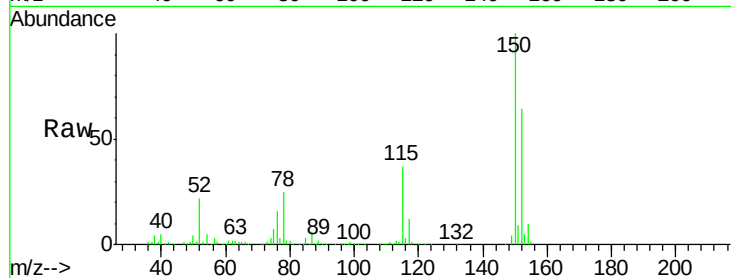
Tot Ion:152 Resp: 173573

Ion Ratio Lower Upper

152 100

115 57.3 43.0 129.0

150 156.8 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

