

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024971.D
 Acq On : 27 Jun 2018 17:04
 Operator : MD/SY
 Sample : J3669-20ME 20X
 Misc : 6.20g/5.0mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB475-29-31-180620ME

Quant Time: Jun 28 04:38:22 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	227189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	335634	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	310178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	167653	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	169908	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
35) Dibromofluoromethane	4.89	113	129698	46.56	ug/l	0.00
Spiked Amount			Recovery	=	93.12%	
50) Toluene-d8	7.57	98	484477	47.68	ug/l	0.00
Spiked Amount			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	10.31	95	181697	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	

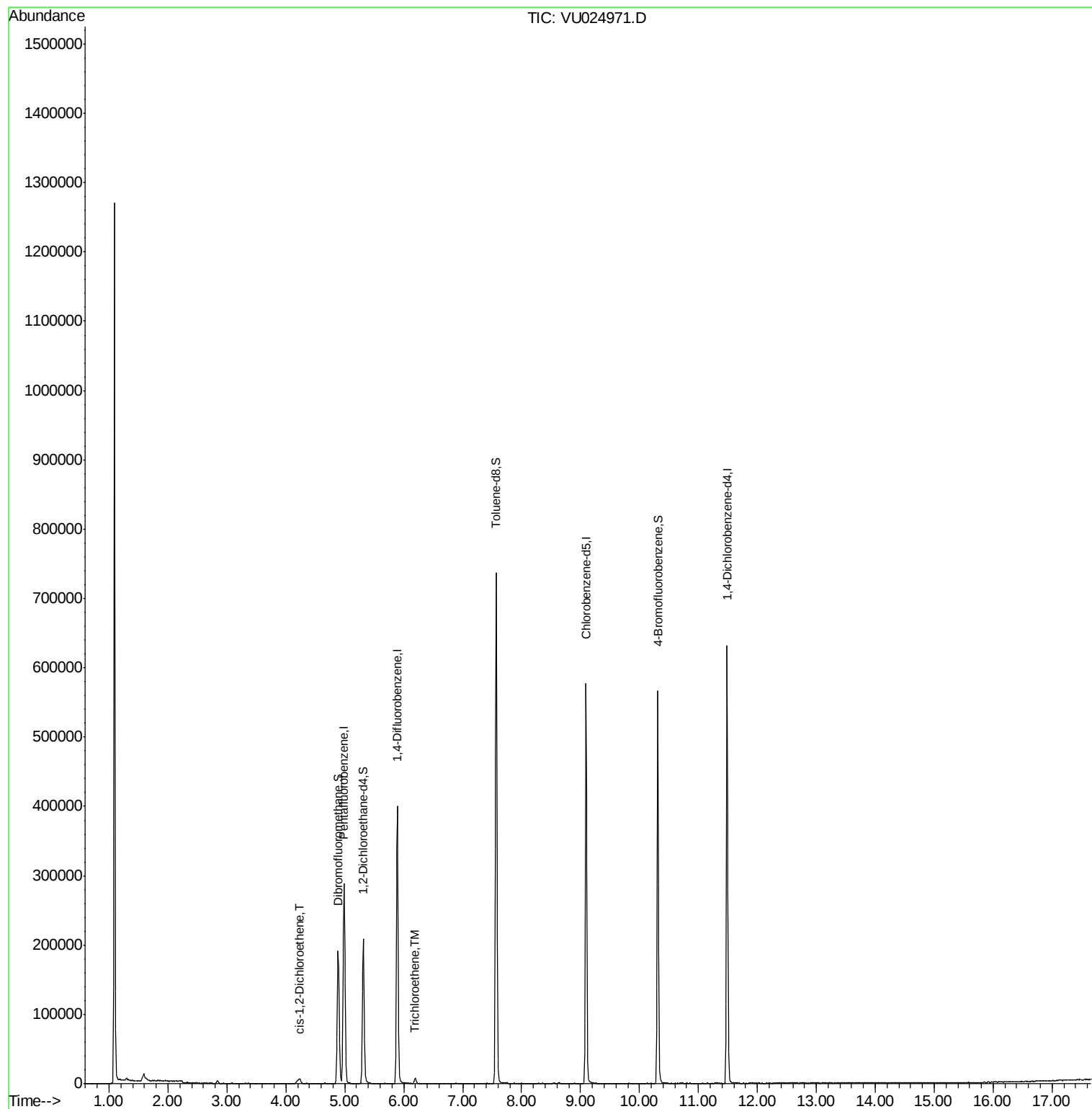
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
27) cis-1,2-Dichloroethene	4.23	96	3194	0.98	ug/l	95
44) Trichloroethene	6.19	130	3070	0.96	ug/l	95

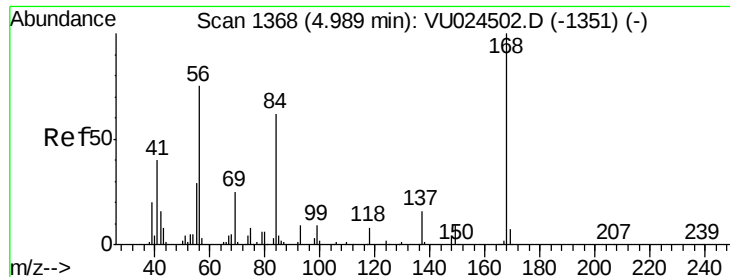
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU024971.D

Acq: 27 Jun 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

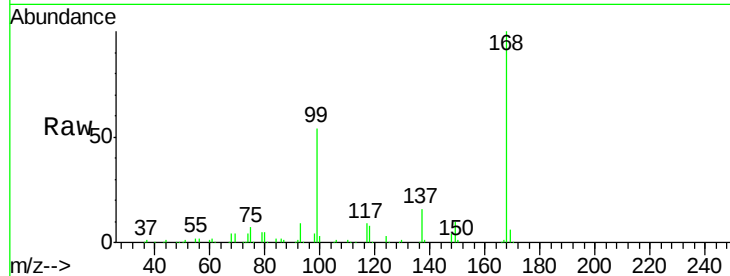
WP021SB475-29-31-180620ME

Tot Ion:168 Resp: 227189

Ion Ratio Lower Upper

168 100

99 54.3 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024971.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024971.D (-1275) (-)

4.99

120000

100000

80000

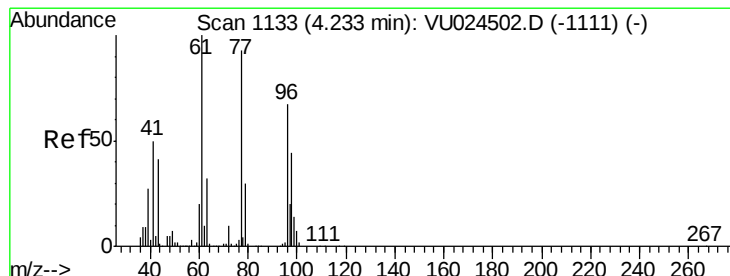
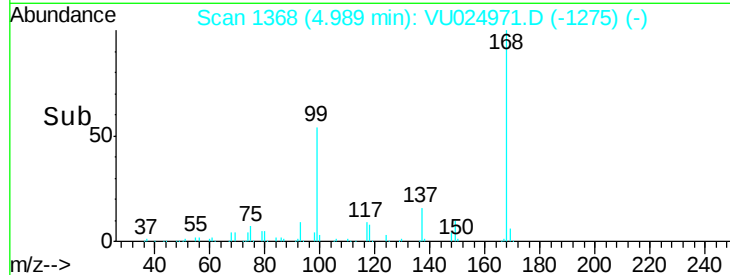
60000

40000

20000

0

Time--> 4.90 5.00 5.10



#27

cis-1,2-Dichloroethene

Concen: 0.98 ug/l

RT: 4.23 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VU024971.D

Acq: 27 Jun 2018 17:04

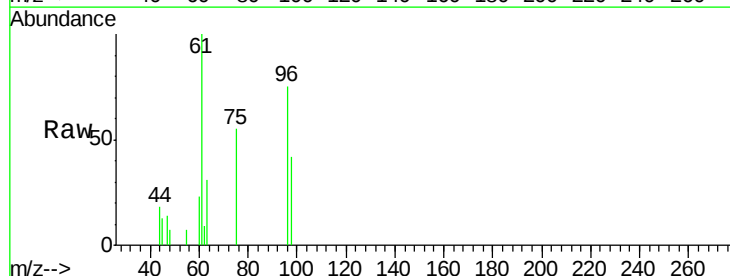
Tgt Ion: 96 Resp: 3194

Ion Ratio Lower Upper

96 100

61 158.6 0.0 306.6

98 69.3 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU024971.D (-1040) (-)

Ion 60.90 (60.60 to 61.60): VU024971.D (-1040) (-)

Ion 97.90 (97.60 to 98.60): VU024971.D (-1040) (-)

4.23

2500

2000

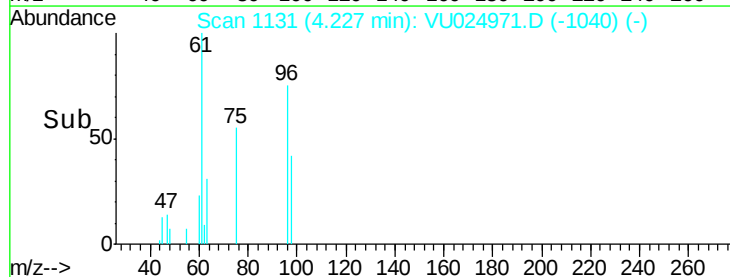
1500

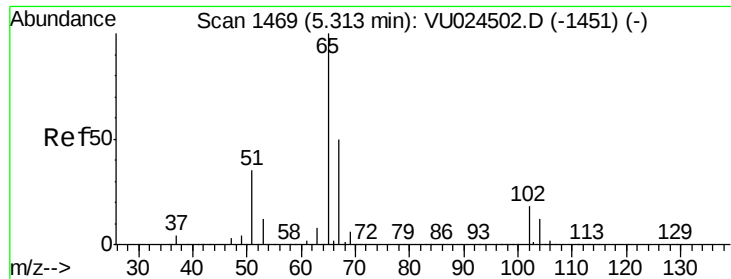
1000

500

0

Time--> 4.15 4.20 4.25 4.30





#33

1,2-Dichloroethane-d4

Concen: 45.81 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024971.D

Acq: 27 Jun 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

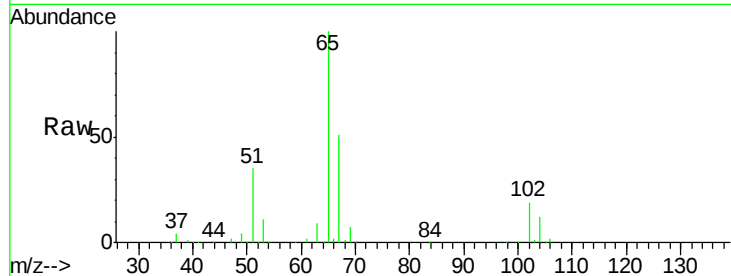
WP021SB475-29-31-180620ME

Tot Ion: 65 Resp: 169908

Ion Ratio Lower Upper

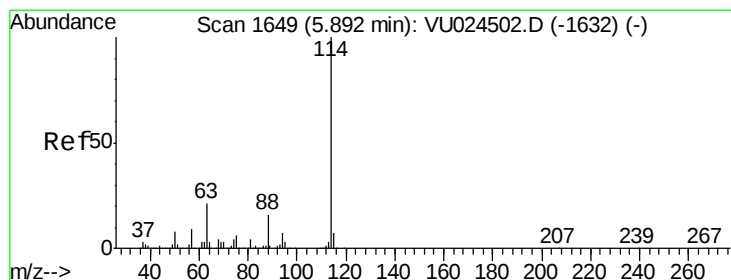
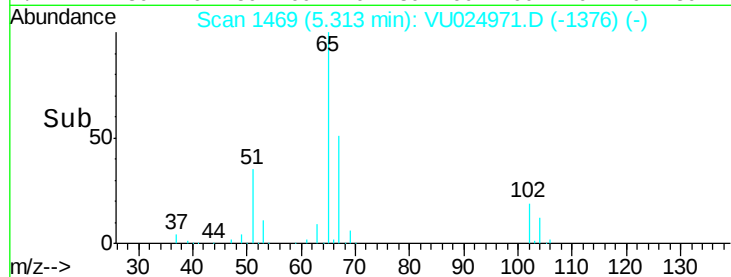
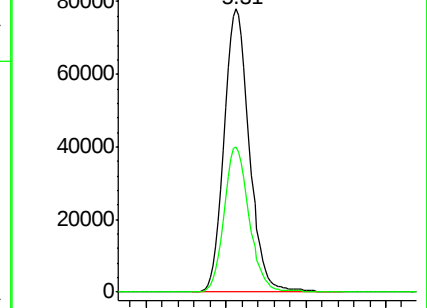
65 100

67 50.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024971.D (-1376) (-)

Ion 66.90 (66.60 to 67.60): VU024971.D (-1376) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024971.D

Acq: 27 Jun 2018 17:04

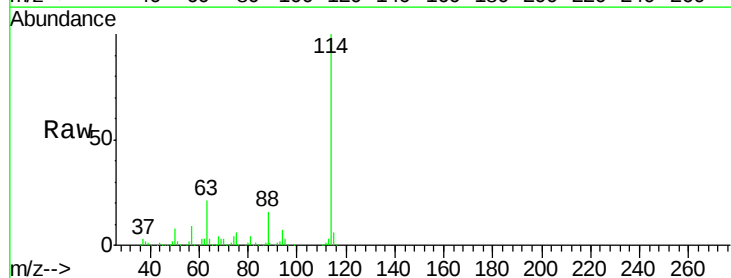
Tgt Ion: 114 Resp: 335634

Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.4

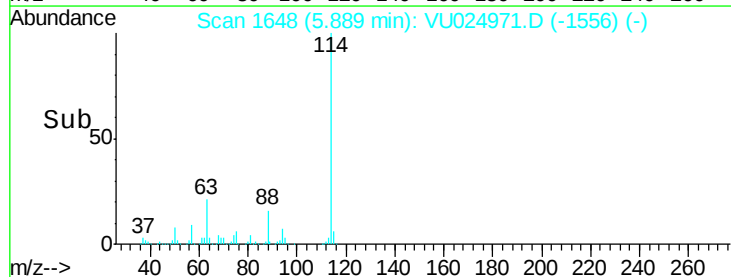
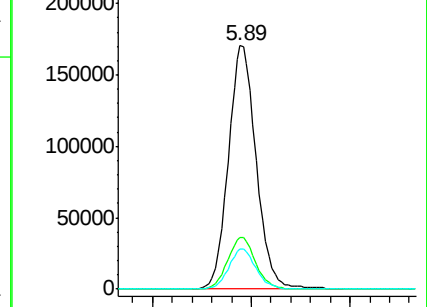
88 16.3 0.0 31.0

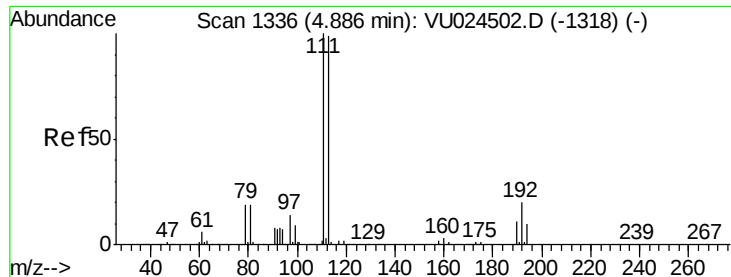


Abundance Ion 113.90 (113.60 to 114.60): VU024971.D (-1556) (-)

Ion 63.00 (62.70 to 63.70): VU024971.D (-1556) (-)

Ion 87.90 (87.60 to 88.60): VU024971.D (-1556) (-)





#35

Dibromofluoromethane

Concen: 46.56 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024971.D

Acq: 27 Jun 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

WP021SB475-29-31-180620ME

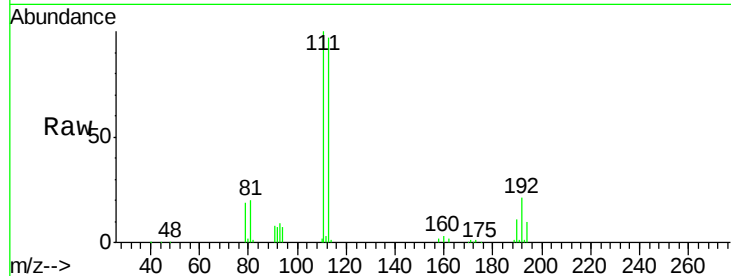
Tot Ion:113 Resp: 129698

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

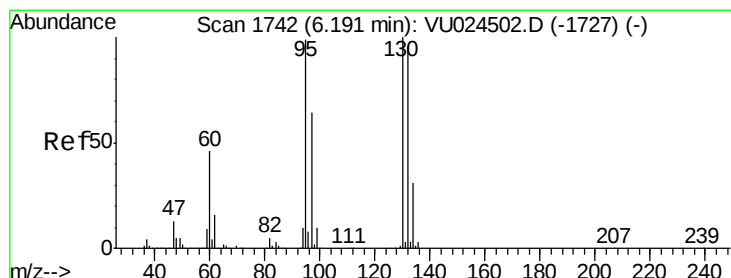
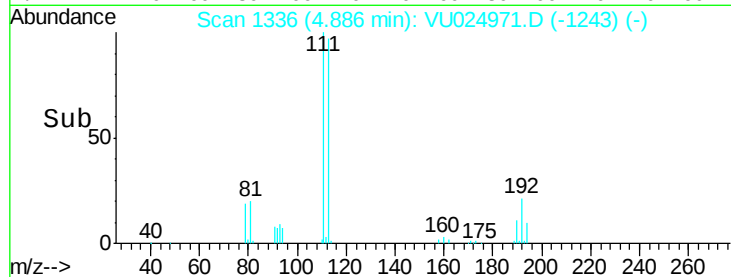
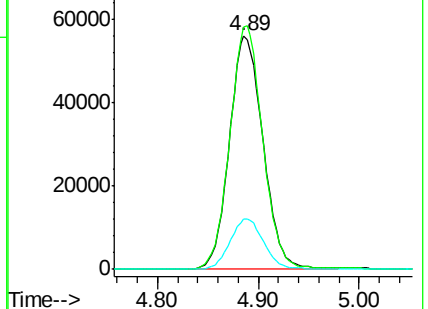
192 21.5 16.2 24.4



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: 0.96 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024971.D

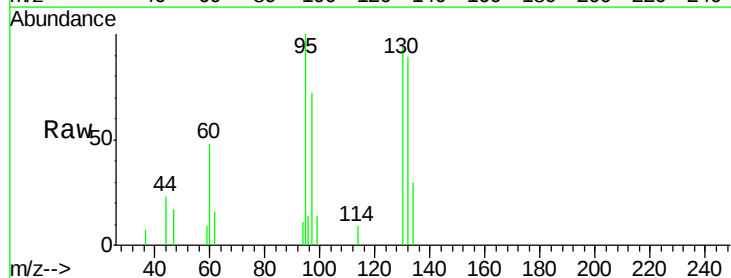
Acq: 27 Jun 2018 17:04

Tgt Ion:130 Resp: 3070

Ion Ratio Lower Upper

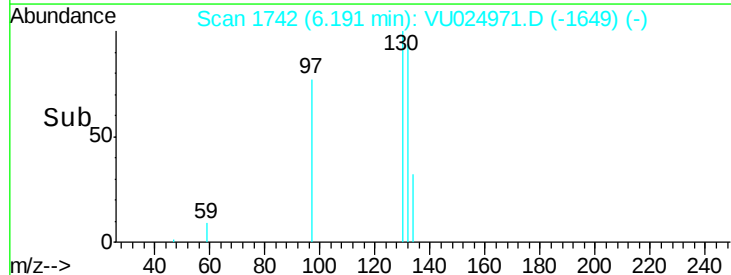
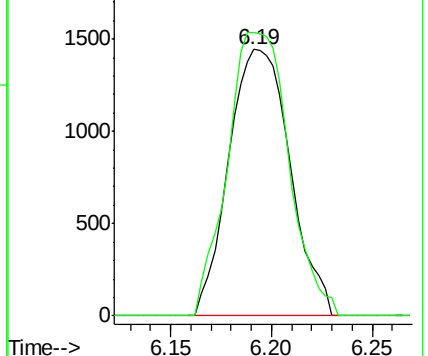
130 100

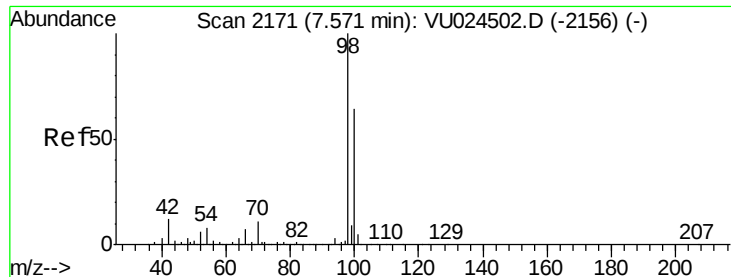
95 106.2 0.0 202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





#50

Toluene-d8

Concen: 47.68 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024971.D

Acq: 27 Jun 2018 17:04

Instrument :

MSVOA_U

ClientSampleId :

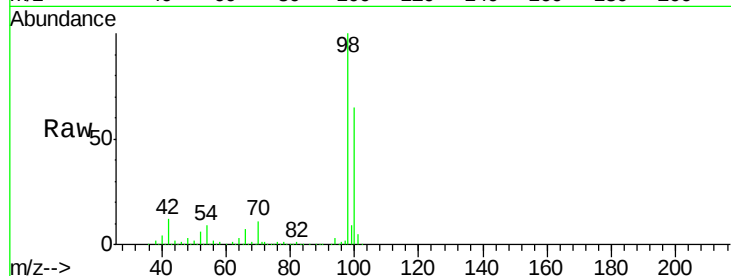
WP021SB475-29-31-180620ME

Tot Ion: 98 Resp: 484477

Ion Ratio Lower Upper

98 100

100 64.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU024502.D (-2156) (-)

Ion 100.00 (99.70 to 100.70): VU024502.D (-2156) (-)

7.57

300000

250000

200000

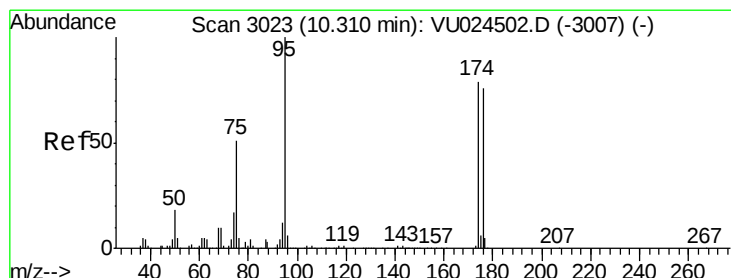
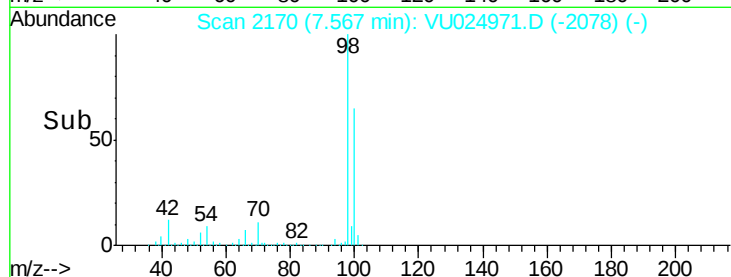
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.04 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024971.D

Acq: 27 Jun 2018 17:04

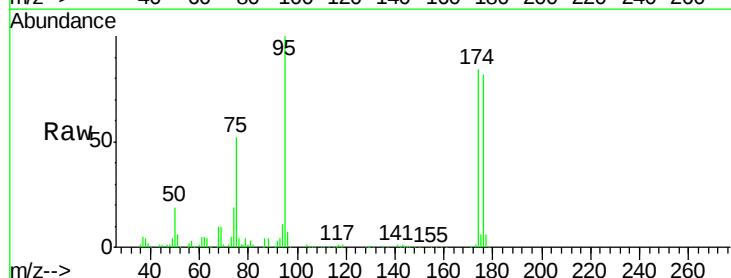
Tgt Ion: 95 Resp: 181697

Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

176 82.3 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU024502.D (-3007) (-)

Ion 173.80 (173.50 to 174.50): VU024502.D (-3007) (-)

Ion 175.80 (175.50 to 176.50): VU024502.D (-3007) (-)

10.31

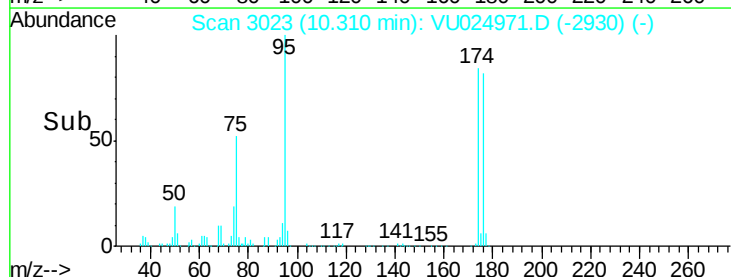
150000

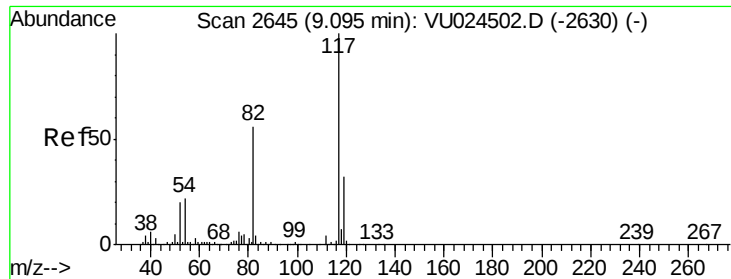
100000

50000

0

Time-->

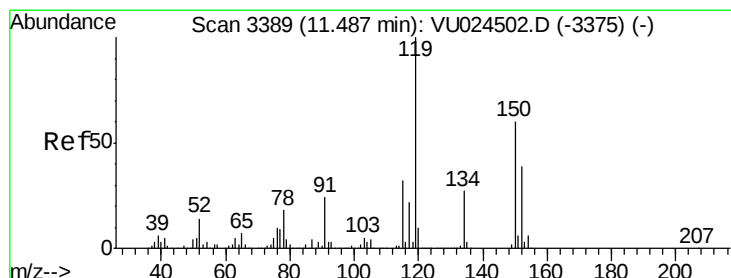
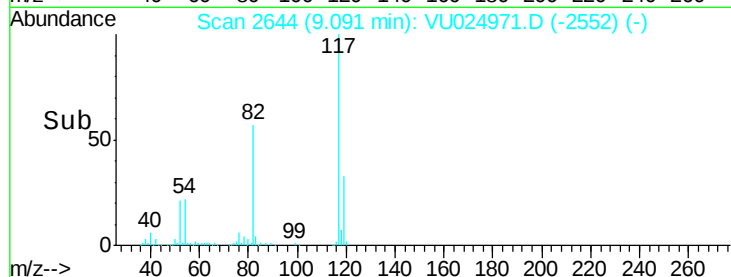
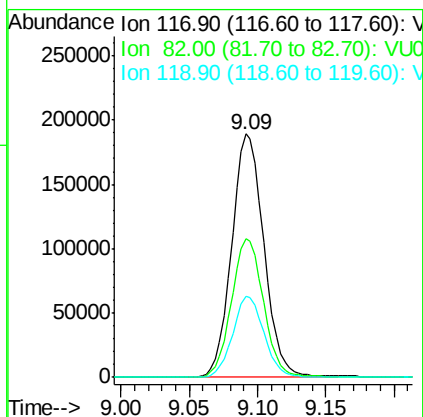
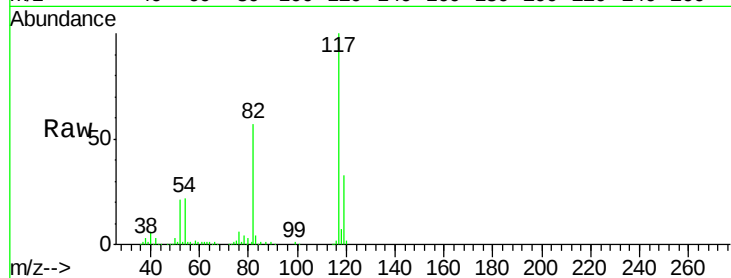




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024971.D
Acq: 27 Jun 2018 17:04

Instrument :
MSVOA_U
ClientSampleId :
WP021SB475-29-31-180620ME

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.3	66.5
119	33.2	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: VU024971.D
Acq: 27 Jun 2018 17:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	43.0	129.0
150	154.9	0.0	354.0

