

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024962.D
 Acq On : 27 Jun 2018 13:26
 Operator : MD/SY
 Sample : J3669-18MEDL 5X
 Misc : 6.19g/5.0mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB475-25-27-180620MEDL

Quant Time: Jun 28 02:48:39 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

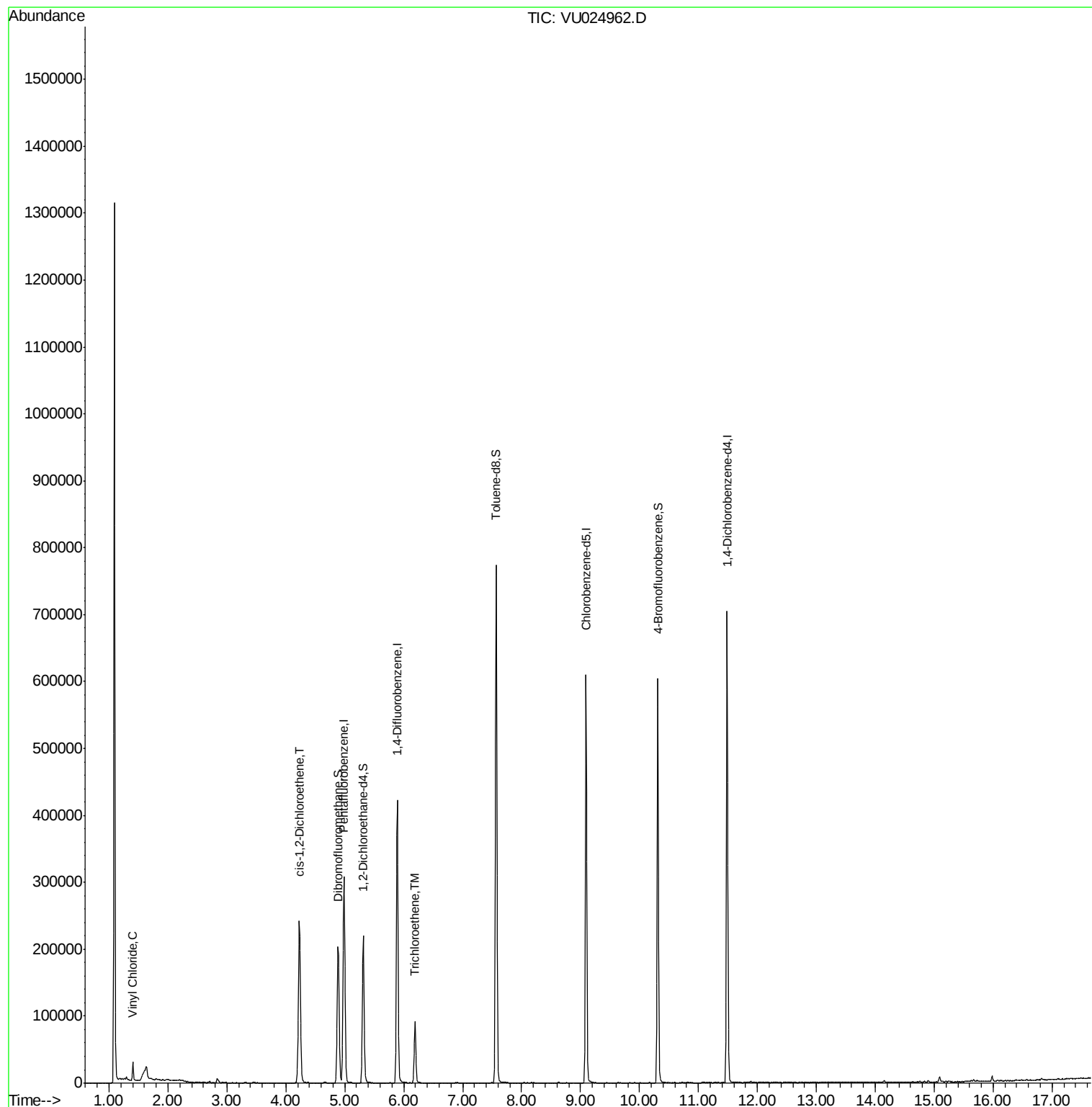
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	235698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	355929	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	325509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	182981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	176926	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	4.89	113	137714	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
50) Toluene-d8	7.57	98	505474	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
62) 4-Bromofluorobenzene	10.31	95	194056	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
Target Compounds						
4) Vinyl Chloride	1.40	62	15990	5.14	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	137198	40.37	ug/l	87
44) Trichloroethene	6.19	130	32717	9.65	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# 1367

Delta R.T. -0.00 min

Lab File: VU024962.D

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ClientSampleId :

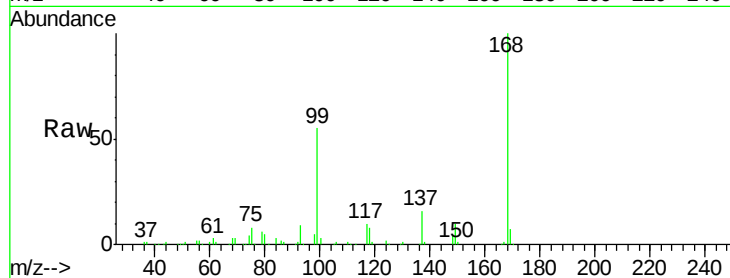
WP021SB475-25-27-180620MEDL

Tot Ion:168 Resp: 235698

Ion Ratio Lower Upper

168 100

99 54.6 43.2 64.8



Abundance Ion 167.90 (167.60 to 168.60): VU024962.D (-1275) (-)

Ion 98.90 (98.60 to 99.60): VU024962.D (-1275) (-)

4.99

120000

100000

80000

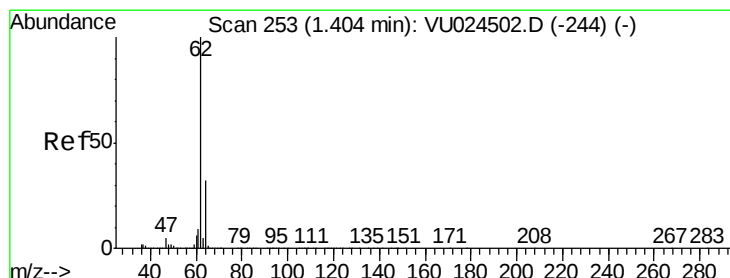
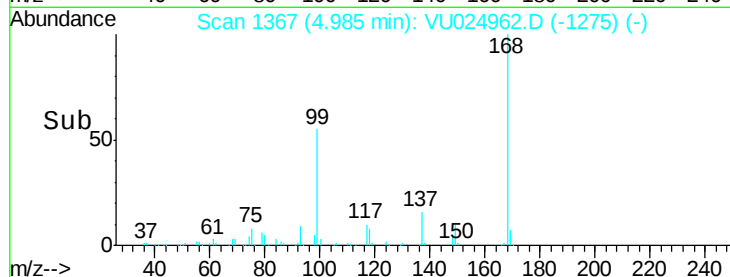
60000

40000

20000

0

Time--> 4.90 5.00 5.10



#4

Vinyl Chloride

Concen: 5.14 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024962.D

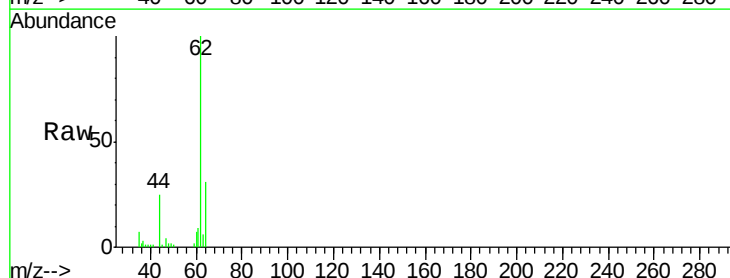
Acq: 27 Jun 2018 13:26

Tgt Ion: 62 Resp: 15990

Ion Ratio Lower Upper

62 100

64 31.3 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024962.D (-160) (-)

Ion 63.90 (63.60 to 64.60): VU024962.D (-160) (-)

1.40

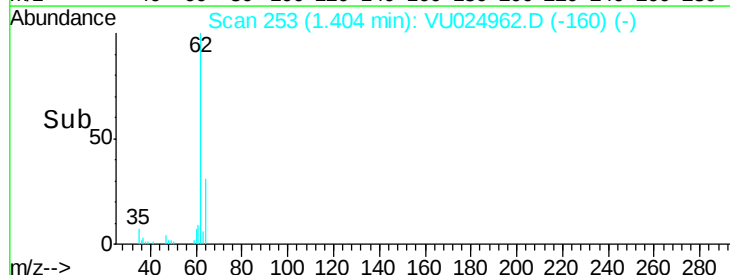
15000

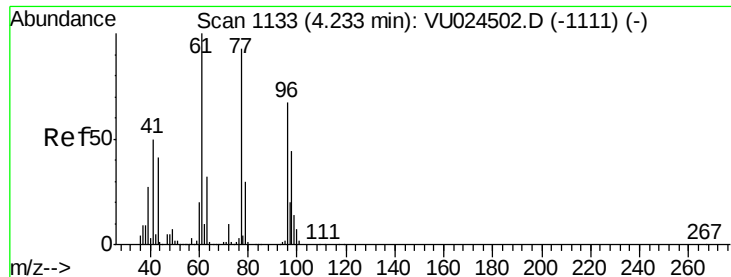
10000

5000

0

Time--> 1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 40.37 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024962.D

Acq: 27 Jun 2018 13:26

Instrument :

MSVOA_U

ClientSampleId :

WP021SB475-25-27-180620MEDL

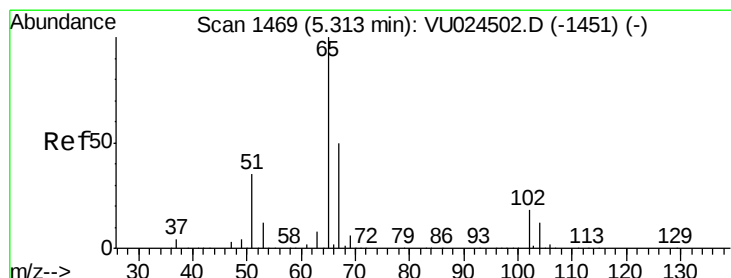
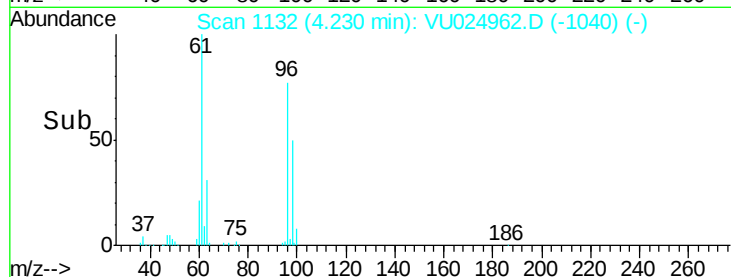
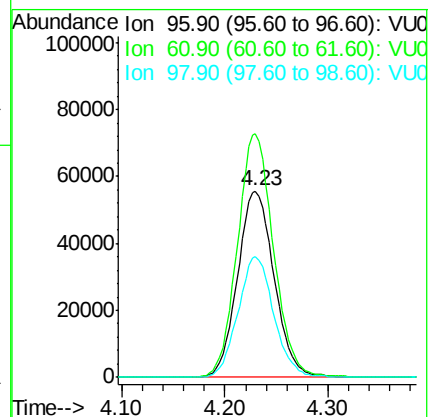
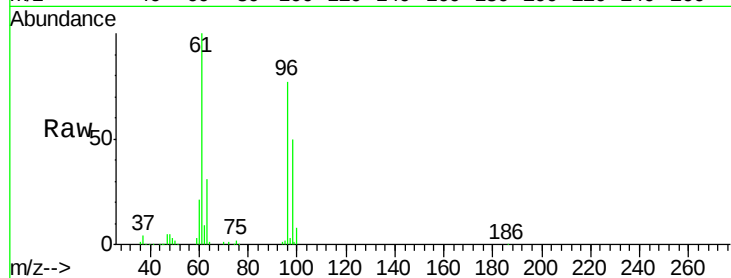
Tot Ion: 96 Resp: 137198

Ion Ratio Lower Upper

96 100

61 129.5 0.0 306.6

98 63.5 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 45.98 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU024962.D

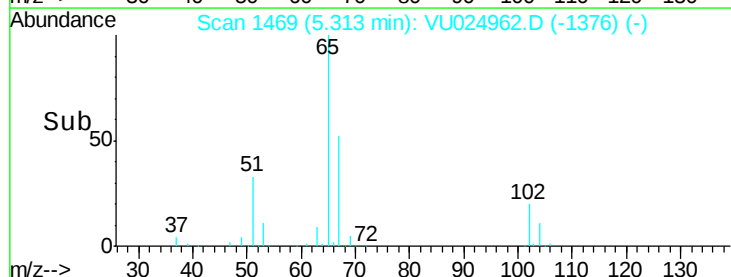
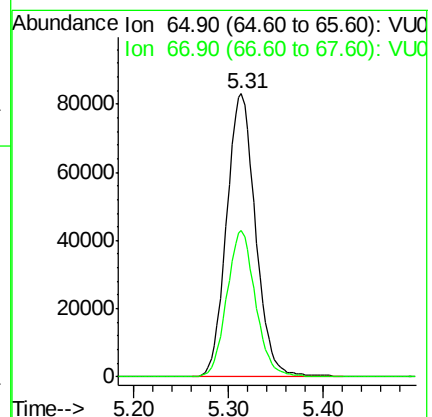
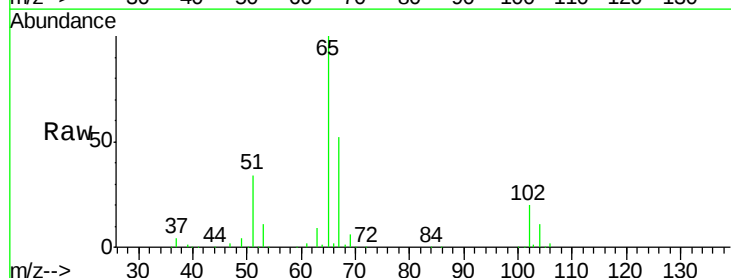
Acq: 27 Jun 2018 13:26

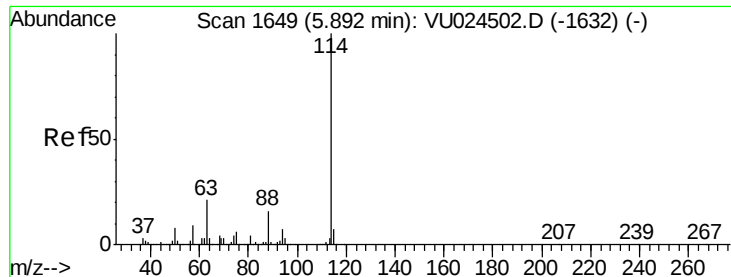
Tgt Ion: 65 Resp: 176926

Ion Ratio Lower Upper

65 100

67 51.0 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: VU024962.D

Acq: 27 Jun 2018 13:26

Instrument :

MSVOA_U

ClientSampleId :

WP021SB475-25-27-180620MEDL

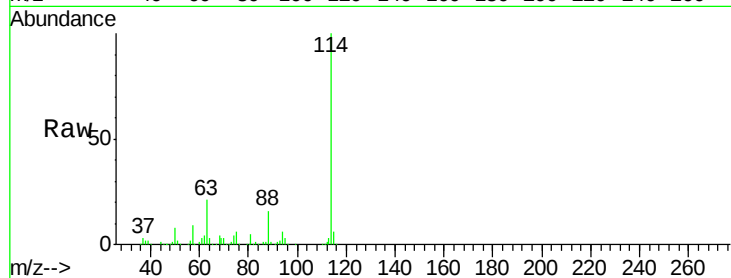
Tot Ion:114 Resp: 355929

Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.4

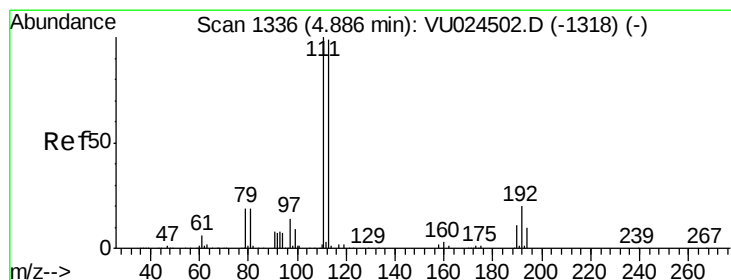
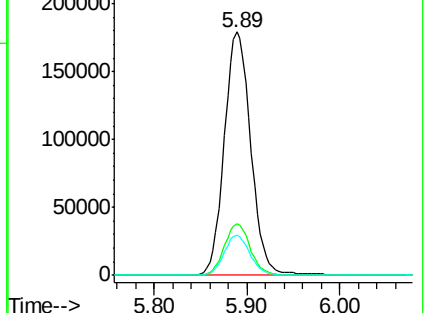
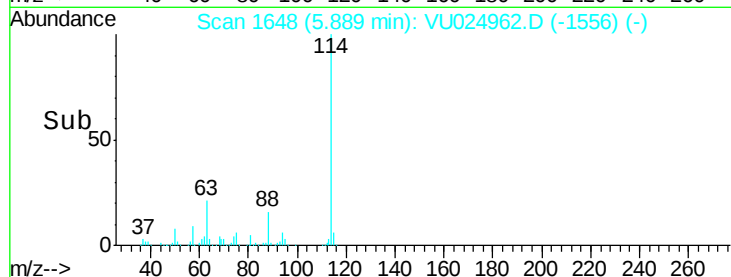
88 16.4 0.0 31.0



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: 46.62 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024962.D

Acq: 27 Jun 2018 13:26

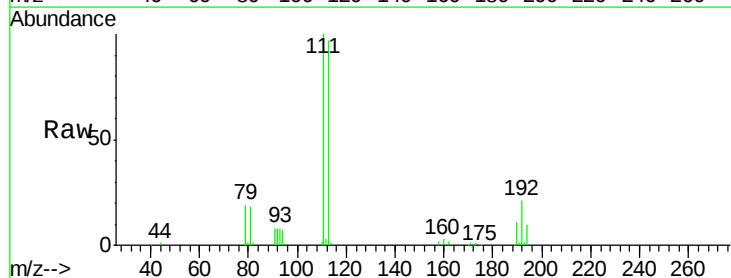
Tgt Ion:113 Resp: 137714

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

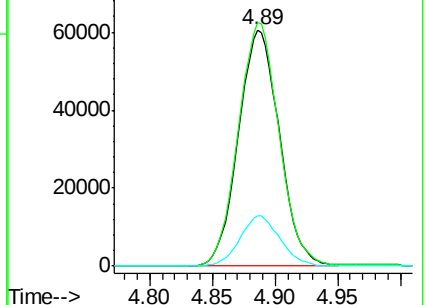
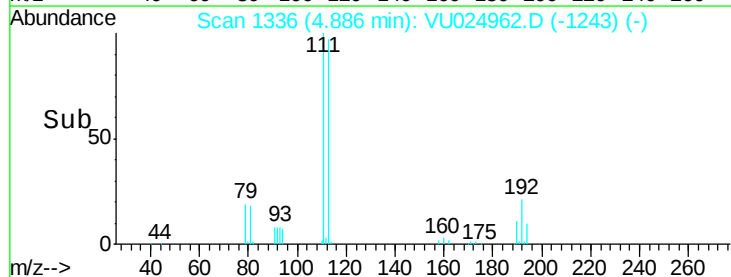
192 21.0 16.2 24.4

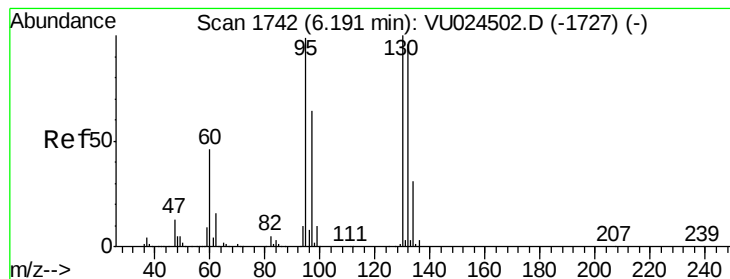


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 9.65 ug/l

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024962.D

Acq: 27 Jun 2018 13:26

Instrument :

MSVOA_U

ClientSampleId :

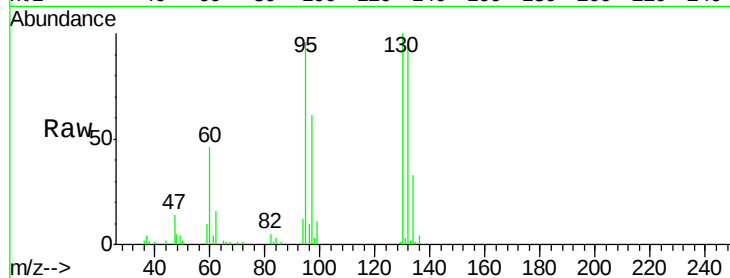
WP021SB475-25-27-180620MEDL

Tot Ion:130 Resp: 32717

Ion Ratio Lower Upper

130 100

95 96.1 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

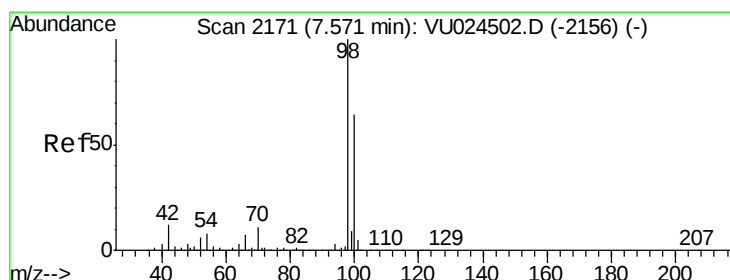
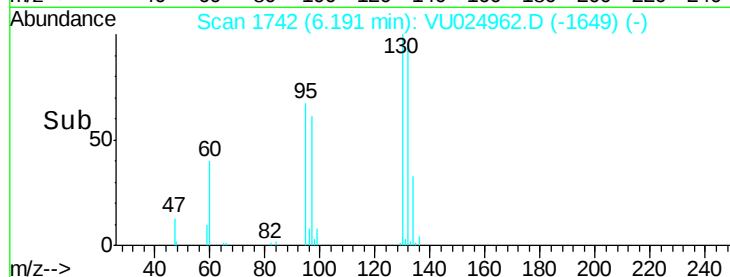
15000

10000

5000

0

Time-->



#50

Toluene-d8

Concen: 46.91 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024962.D

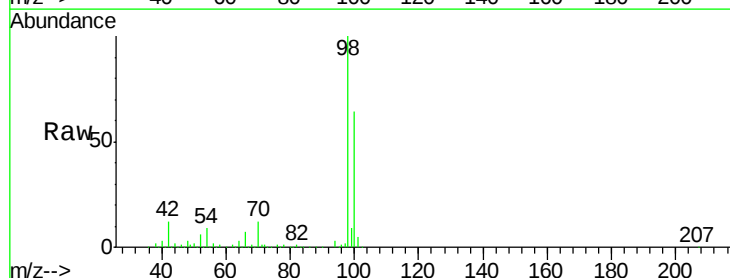
Acq: 27 Jun 2018 13:26

Tgt Ion: 98 Resp: 505474

Ion Ratio Lower Upper

98 100

100 64.3 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

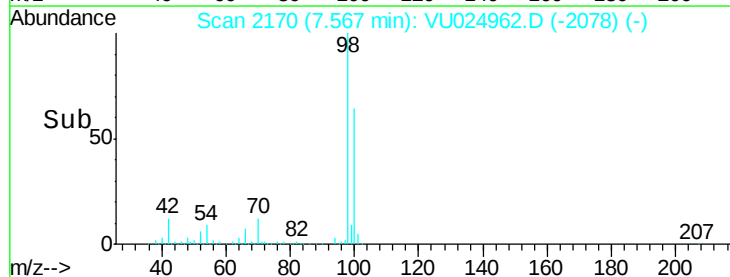
300000

200000

100000

0

Time-->

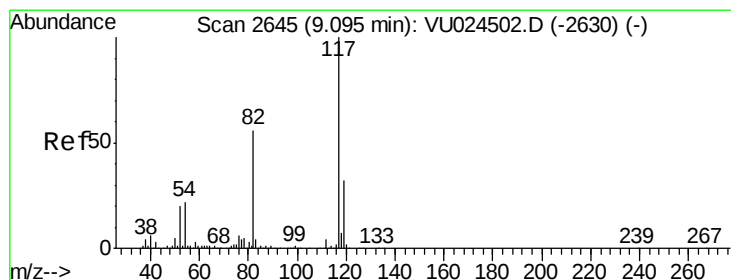
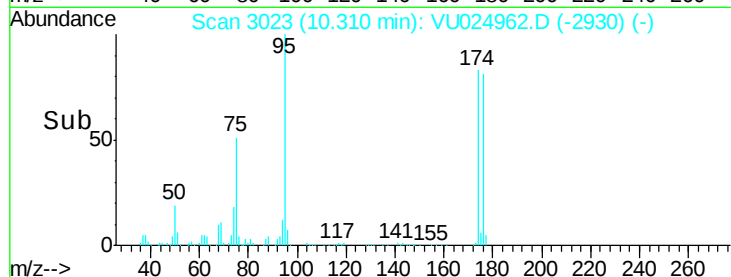
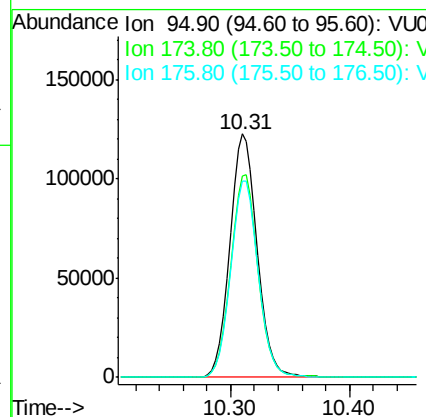
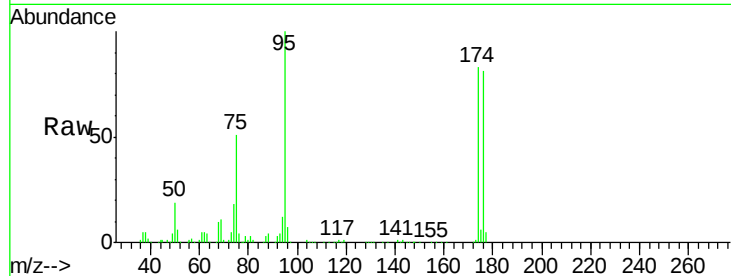




#62
4-Bromofluorobenzene
Concen: 45.36 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024962.D
Acq: 27 Jun 2018 13:26

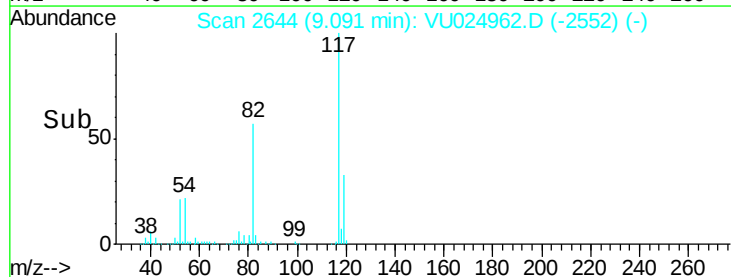
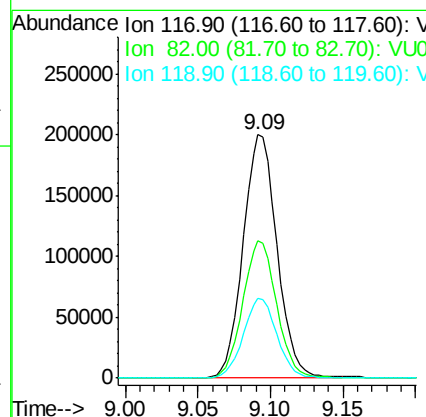
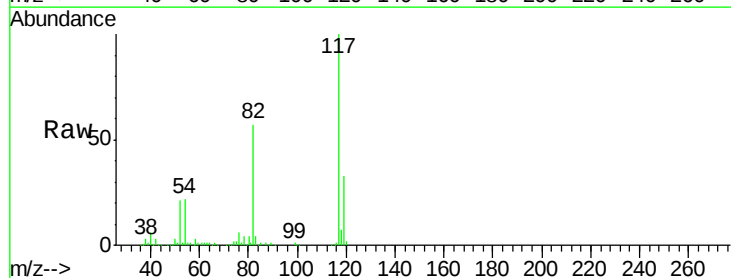
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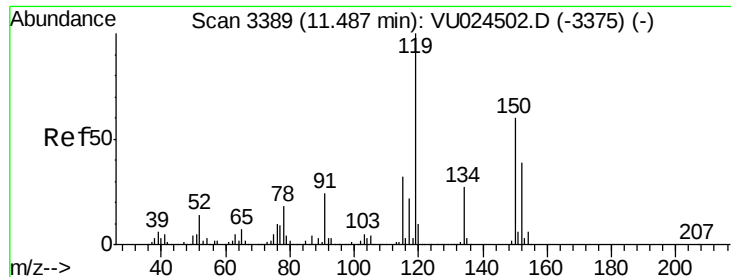
Tot Ion: 95 Resp: 194056
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.8
176 81.7 0.0 159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024962.D
Acq: 27 Jun 2018 13:26

Tgt Ion: 117 Resp: 325509
Ion Ratio Lower Upper
117 100
82 56.6 44.3 66.5
119 32.9 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: VU024962.D
 Acq: 27 Jun 2018 13:26

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB475-25-27-180620MEDL

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	43.0	129.0
150	156.6	0.0	354.0

