

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025020.D
 Acq On : 28 Jun 2018 15:04
 Operator : MD/SY
 Sample : J3707-08DL 5X
 Misc : 5.97g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB480-13-15-180622DL

Quant Time: Jul 06 18:08:59 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

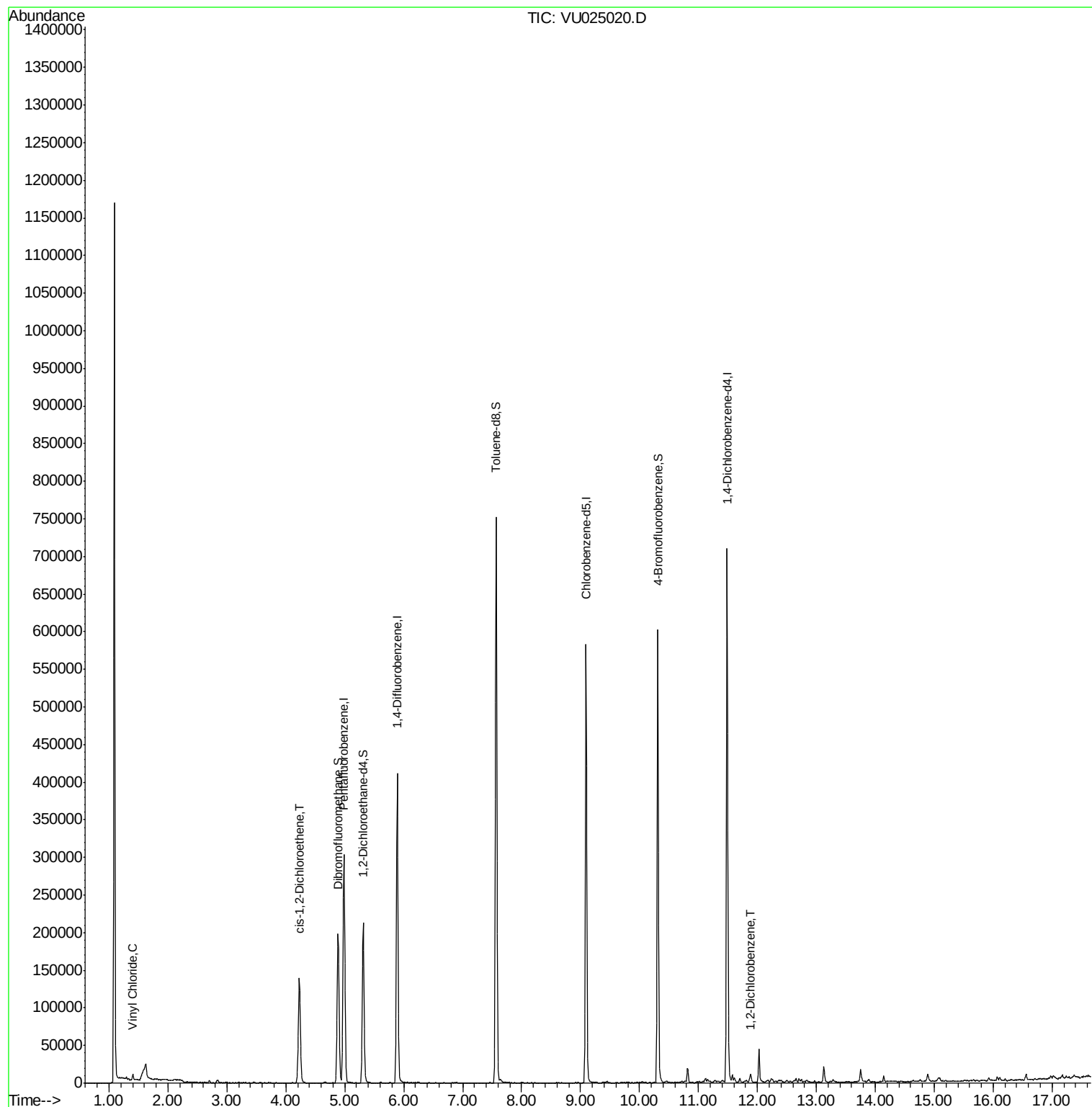
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	233251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	343344	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	315558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	187433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	171801	45.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.24%	
35) Dibromofluoromethane	4.89	113	131618	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	7.57	98	495729	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
62) 4-Bromofluorobenzene	10.31	95	193667	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
4) Vinyl Chloride	1.40	62	4213	1.37	ug/l	# 87
27) cis-1,2-Dichloroethene	4.23	96	79354	23.60	ug/l	86
91) 1,2-Dichlorobenzene	11.89	146	3326	0.49	ug/l	98

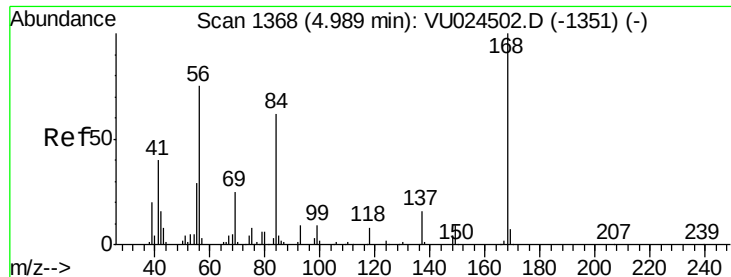
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU025020.D

Acq: 28 Jun 2018 15:04

Instrument :

MSVOA_U

ClientSampleId :

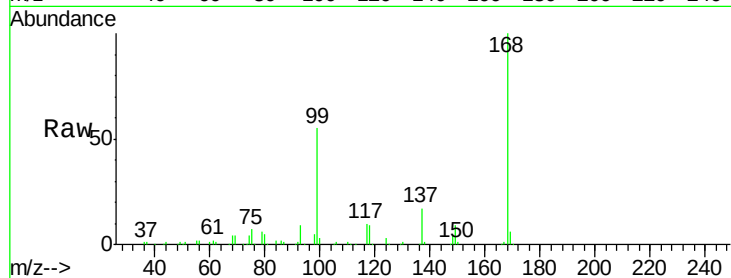
WP021SB480-13-15-180622DL

Tot Ion:168 Resp: 233251

Ion Ratio Lower Upper

168 100

99 55.2 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

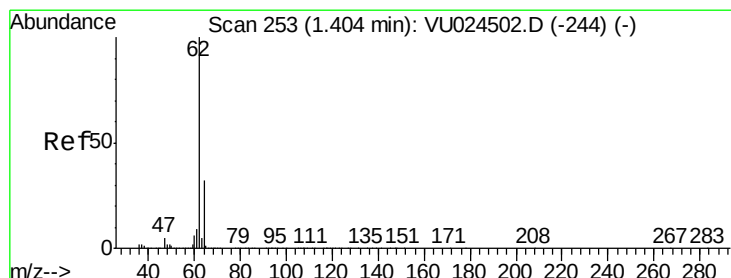
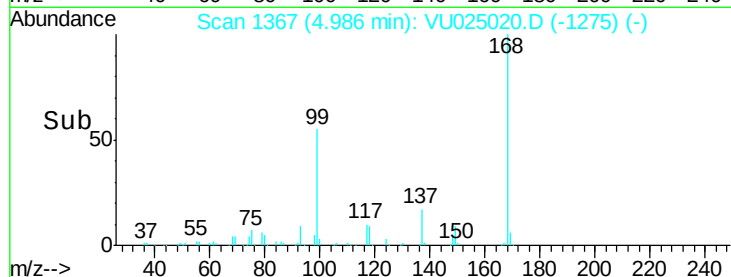
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 1.37 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025020.D

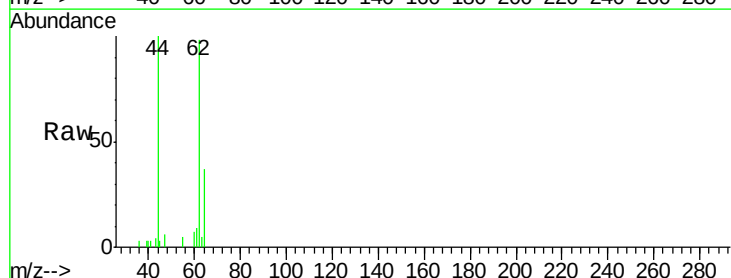
Acq: 28 Jun 2018 15:04

Tgt Ion: 62 Resp: 4213

Ion Ratio Lower Upper

62 100

64 38.1 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

1.40

4000

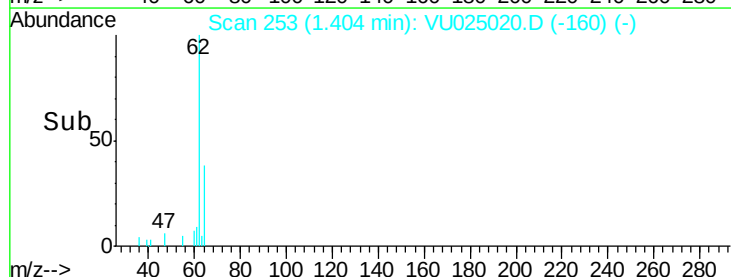
3000

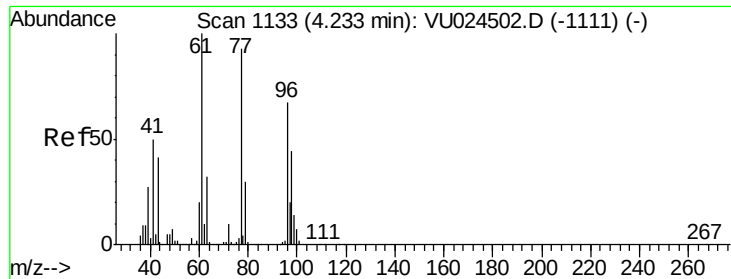
2000

1000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 23.60 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025020.D

Acq: 28 Jun 2018 15:04

Instrument :

MSVOA_U

ClientSampleId :

WP021SB480-13-15-180622DL

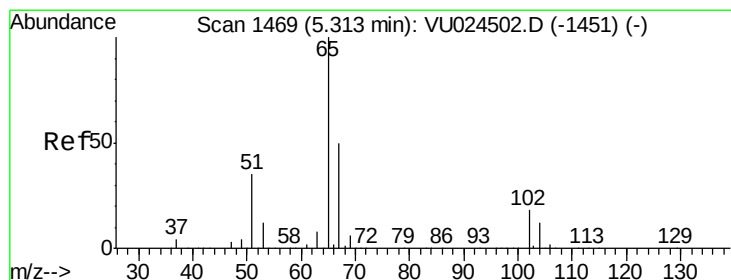
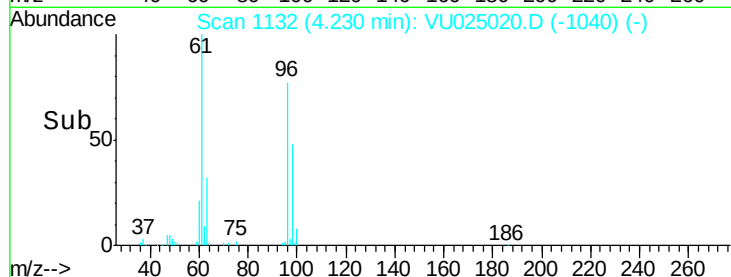
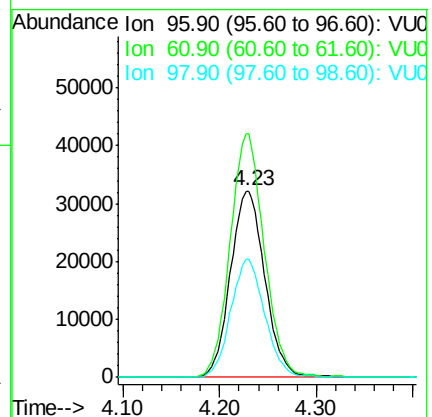
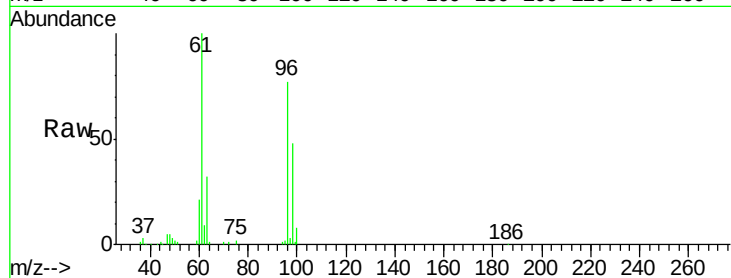
Tot Ion: 96 Resp: 79354

Ion Ratio Lower Upper

96 100

61 129.6 0.0 306.6

98 62.8 0.0 128.8



#33

1,2-Dichloroethane-d4

Concen: 45.12 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VU025020.D

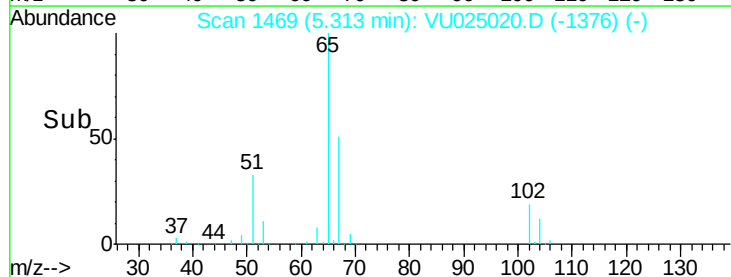
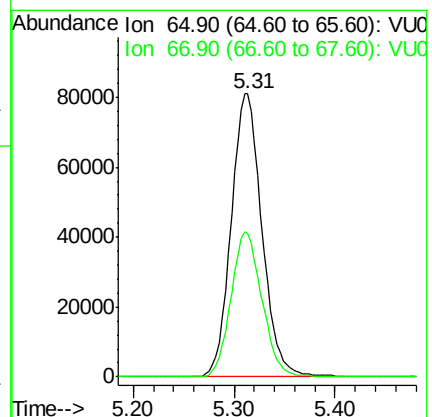
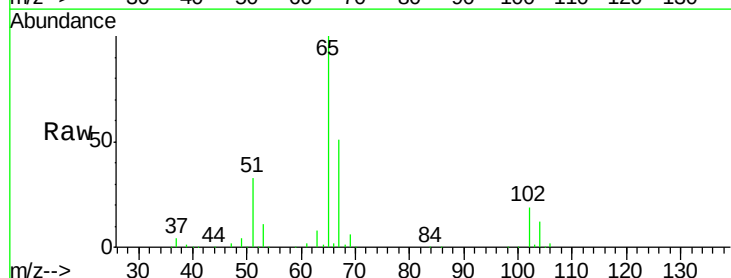
Acq: 28 Jun 2018 15:04

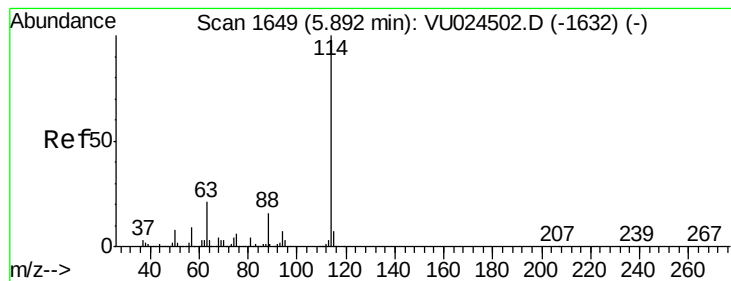
Tgt Ion: 65 Resp: 171801

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: VU025020.D

Acq: 28 Jun 2018 15:04

Instrument :

MSVOA_U

ClientSampleId :

WP021SB480-13-15-180622DL

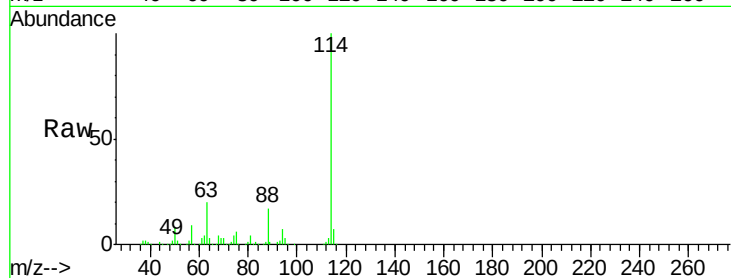
Tot Ion:114 Resp: 343344

Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.4

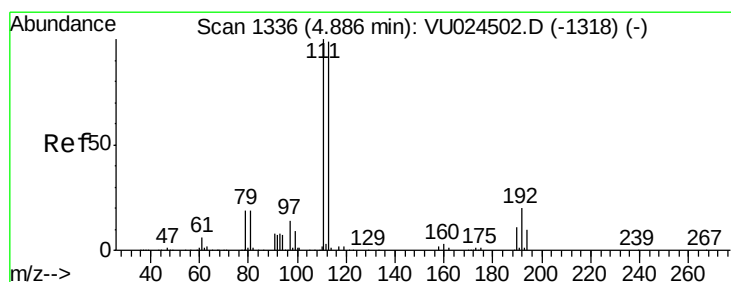
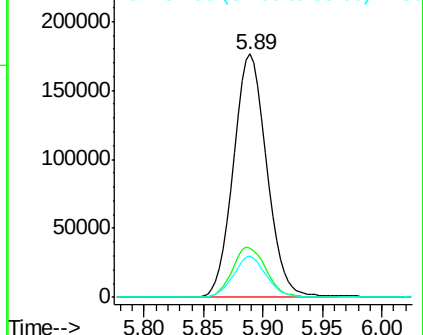
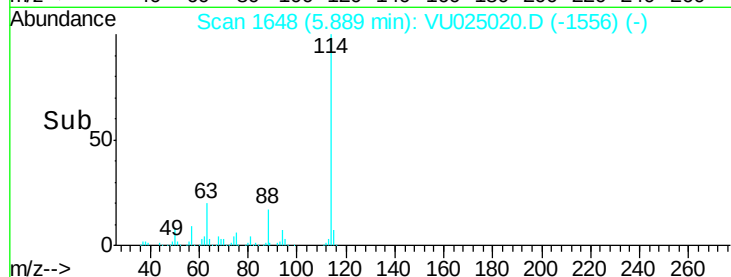
88 16.9 0.0 31.0



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: 46.19 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU025020.D

Acq: 28 Jun 2018 15:04

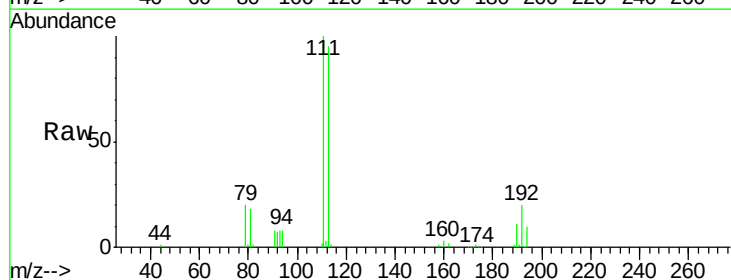
Tgt Ion:113 Resp: 131618

Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

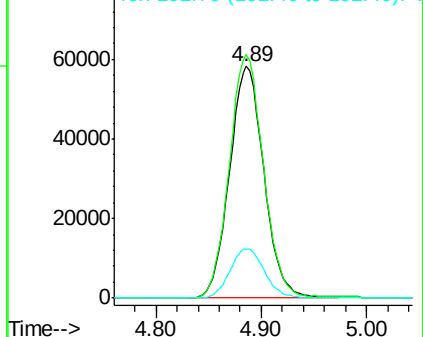
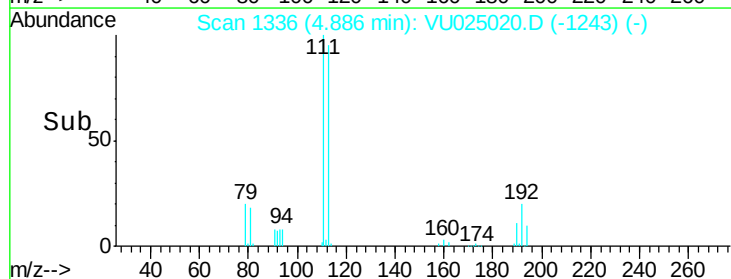
192 21.4 16.2 24.4

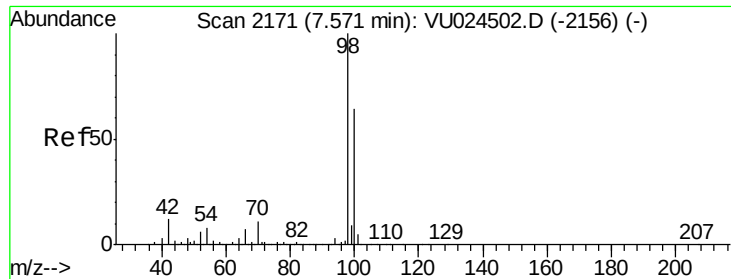


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.69 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025020.D

Acq: 28 Jun 2018 15:04

Instrument :

MSVOA_U

ClientSampleId :

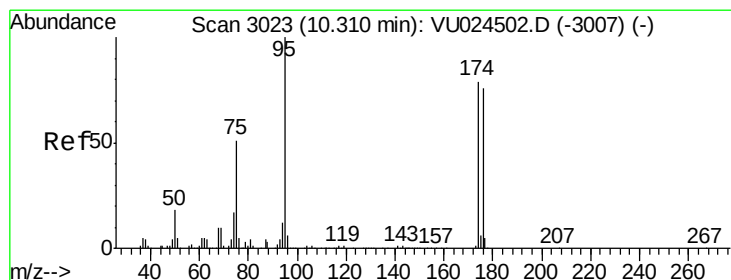
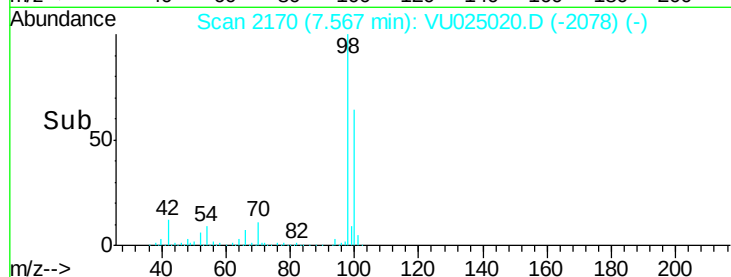
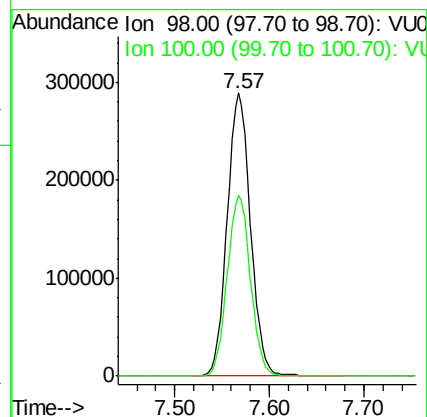
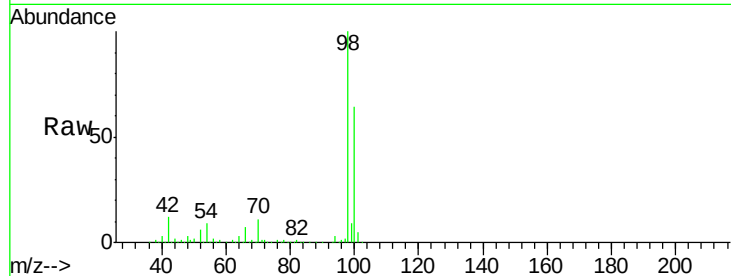
WP021SB480-13-15-180622DL

Tot Ion: 98 Resp: 495729

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 46.93 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025020.D

Acq: 28 Jun 2018 15:04

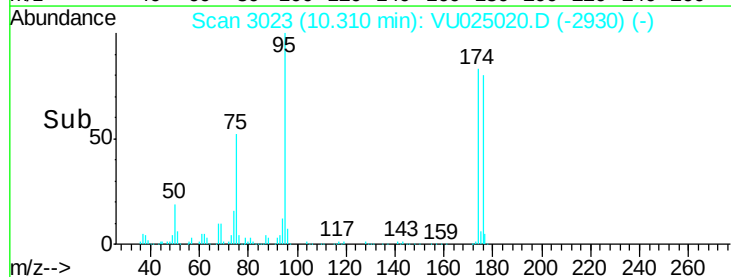
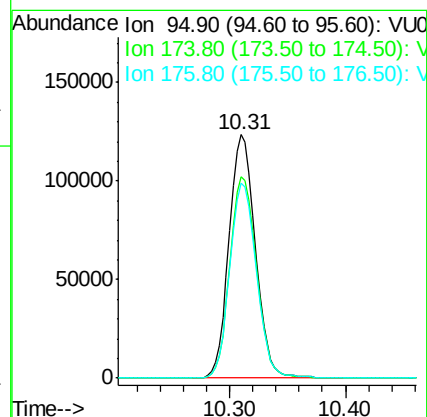
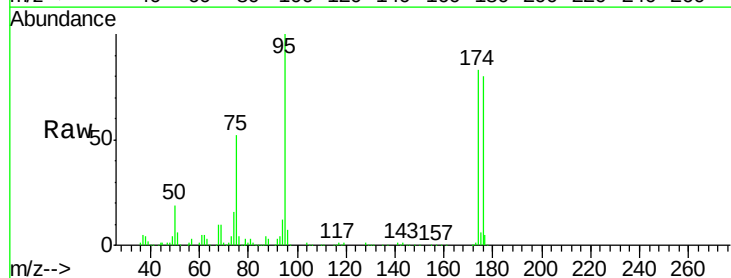
Tgt Ion: 95 Resp: 193667

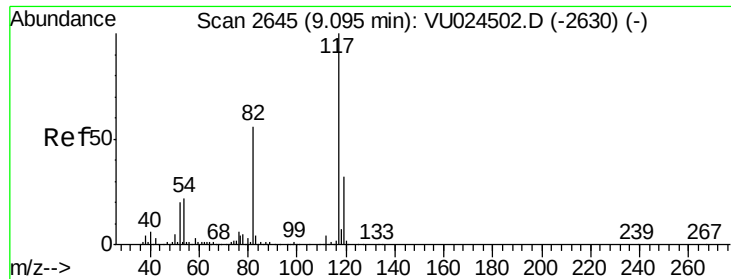
Ion Ratio Lower Upper

95 100

174 83.7 0.0 165.8

176 81.2 0.0 159.4

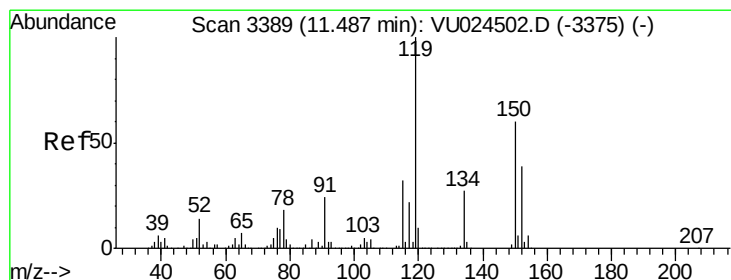
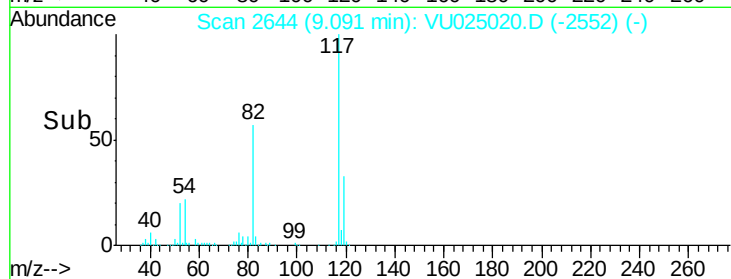
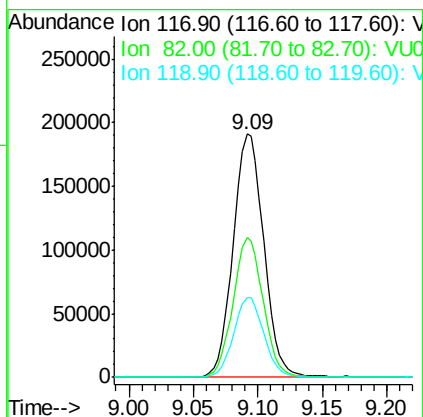
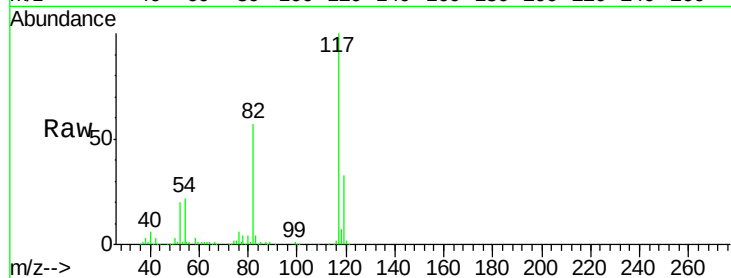




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU025020.D
Acq: 28 Jun 2018 15:04

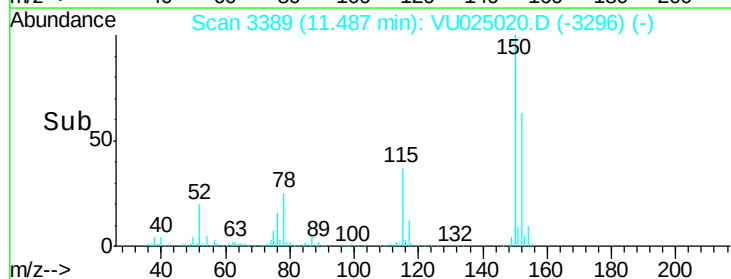
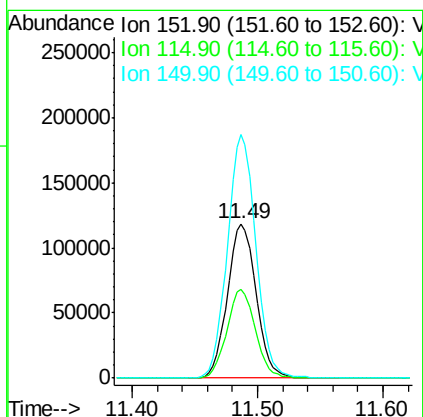
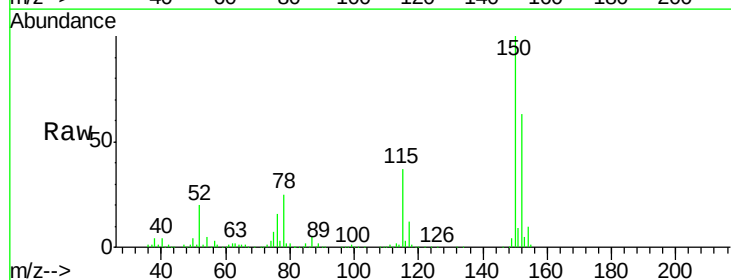
Instrument :
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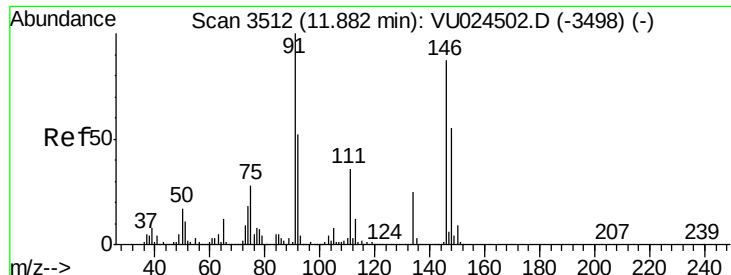
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.3	66.5
119	32.9	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025020.D
Acq: 28 Jun 2018 15:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	43.0	129.0
150	156.7	0.0	354.0





#91
 1,2-Dichlorobenzene
 Concen: 0.49 ug/l
 RT: 11.89 min Scan# 3514
 Delta R.T. 0.01 min
 Lab File: VU025020.D
 Acq: 28 Jun 2018 15:04

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB480-13-15-180622DL

Tot Ion:	146	Resp:	3326
Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.5	61.6
148	65.8	31.9	95.7

