

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024999.D
 Acq On : 28 Jun 2018 04:59
 Operator : MD/SY
 Sample : J3671-07ME 10X
 Misc : 6.83g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-19-21-180621ME

Quant Time: Jun 28 07:08:03 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	217239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	322470	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	300436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	164336	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	162943	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
35) Dibromofluoromethane	4.89	113	125543	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
50) Toluene-d8	7.57	98	466278	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
62) 4-Bromofluorobenzene	10.31	95	176945	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	

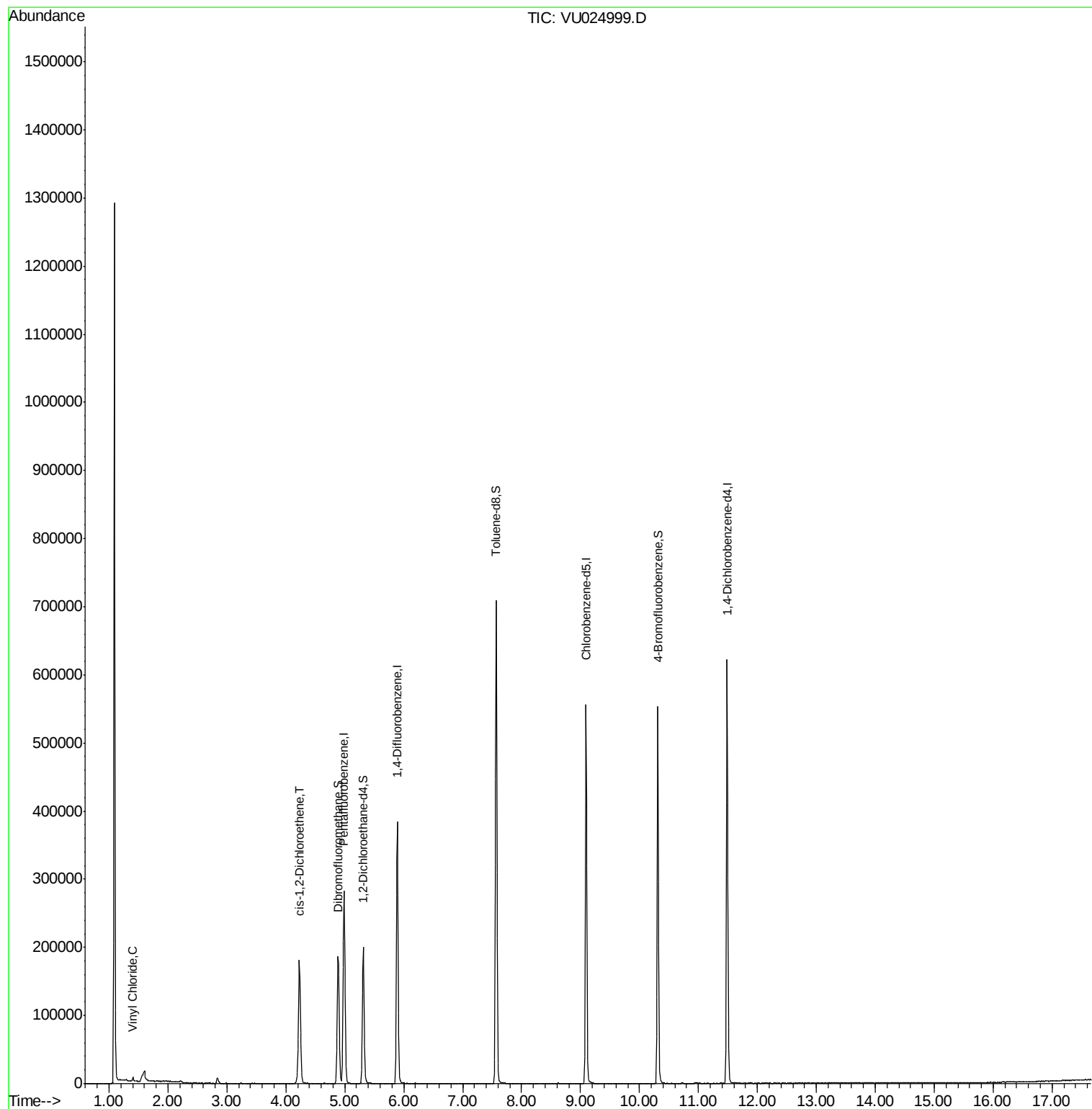
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	3831	1.34	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	101063	32.27	ug/l	91

(#) = 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: VU024999.D

Acq: 28 Jun 2018 04:59

Instrument :

MSVOA_U

ClientSampleId :

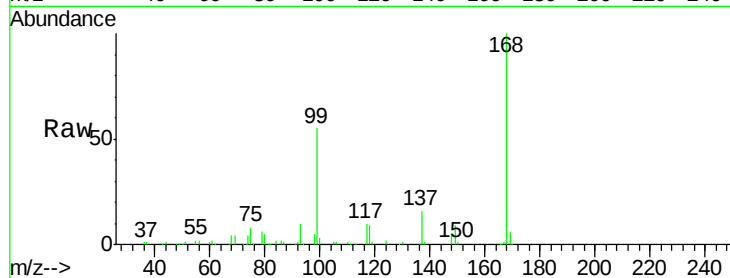
WP021SB478-19-21-180621ME

Tot Ion:168 Resp: 217239

Ion Ratio Lower Upper

168 100

99 55.4 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

100000

80000

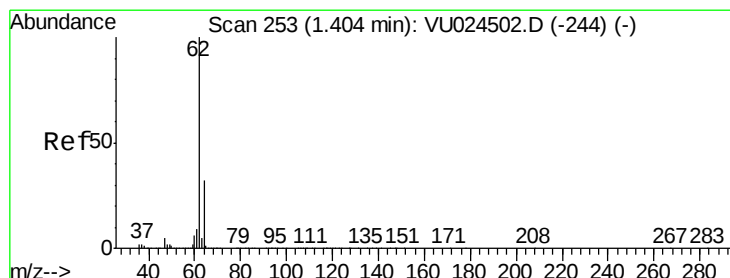
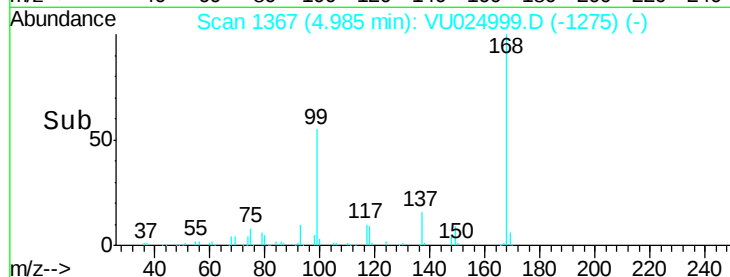
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 1.34 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024999.D

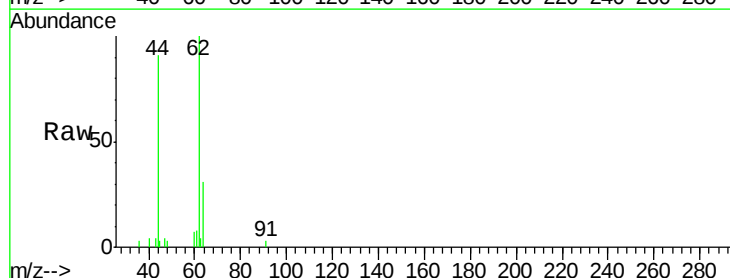
Acq: 28 Jun 2018 04:59

Tgt Ion: 62 Resp: 3831

Ion Ratio Lower Upper

62 100

64 31.3 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

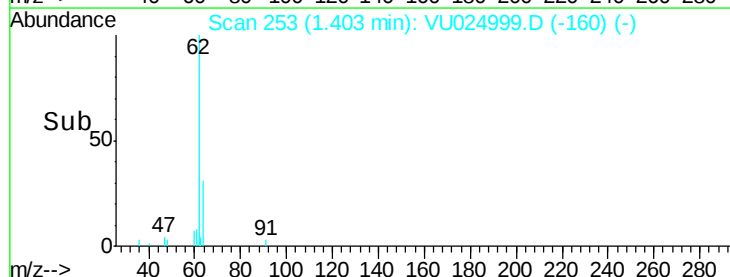
3000

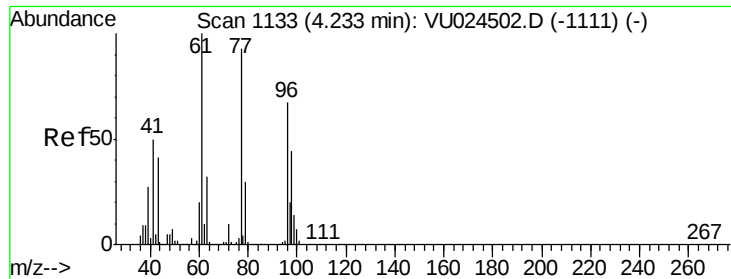
2000

1000

0

Time-->

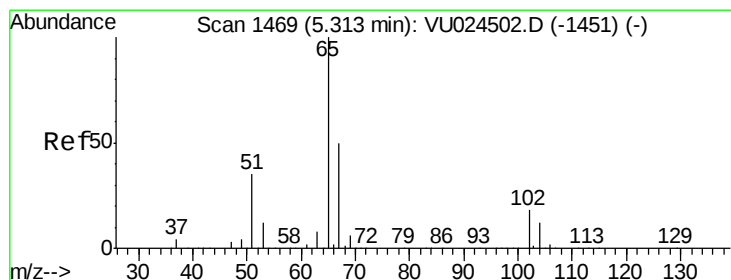
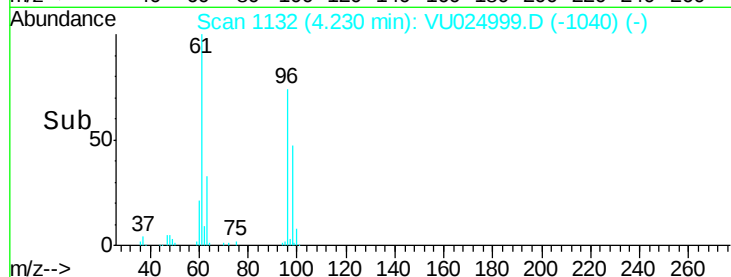
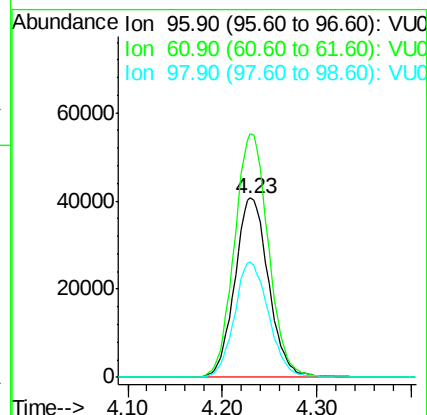
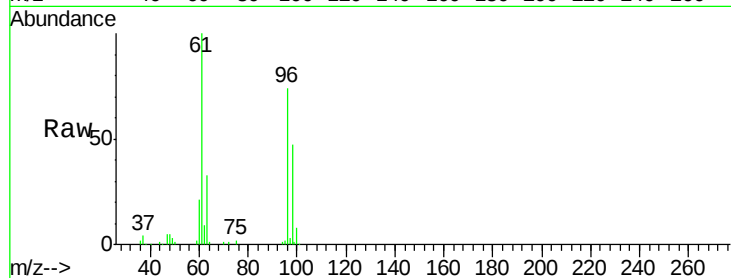




#27
 cis-1,2-Dichloroethene
 Concen: 32.27 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024999.D
 Acq: 28 Jun 2018 04:59

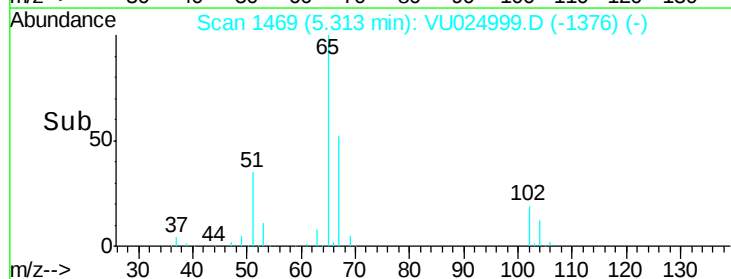
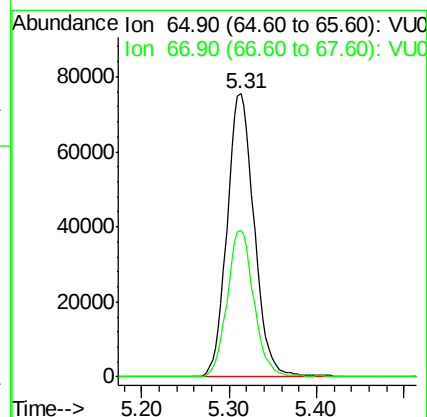
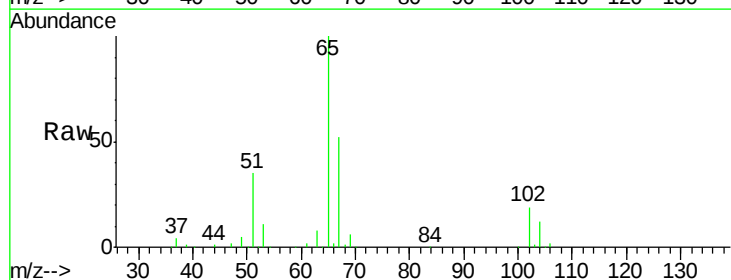
Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB478-19-21-180621ME

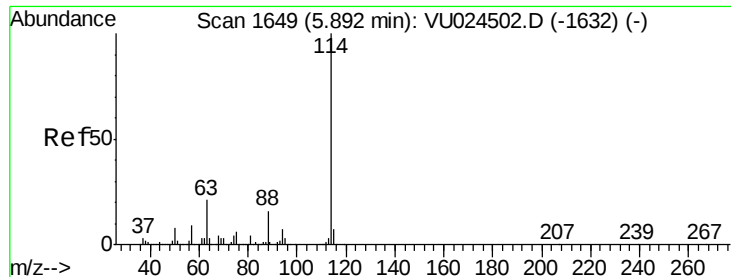
Tot Ion	Ratio	Lower	Upper
96	100		
61	136.6	0.0	306.6
98	65.1	0.0	128.8



#33
 1,2-Dichloroethane-d4
 Concen: 45.95 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024999.D
 Acq: 28 Jun 2018 04:59

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	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: VU024999.D

Acq: 28 Jun 2018 04:59

Instrument :

MSVOA_U

ClientSampleId :

WP021SB478-19-21-180621ME

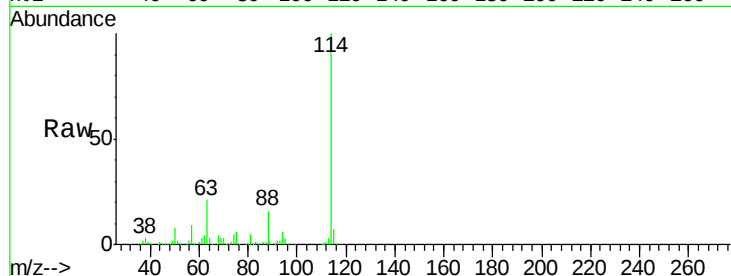
Tot Ion:114 Resp: 322470

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.4

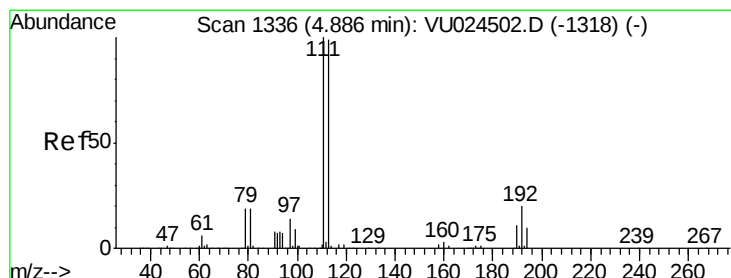
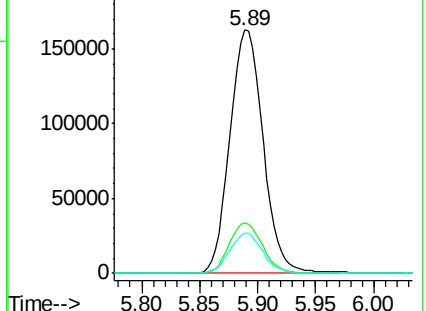
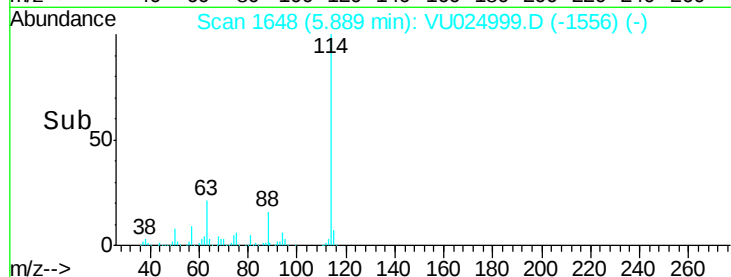
88 16.3 0.0 31.0



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: 46.91 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU024999.D

Acq: 28 Jun 2018 04:59

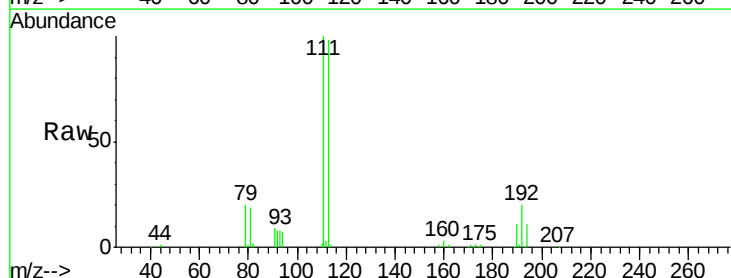
Tgt Ion:113 Resp: 125543

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

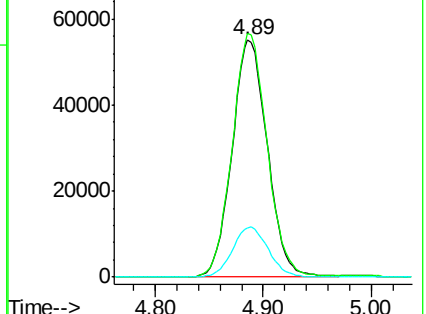
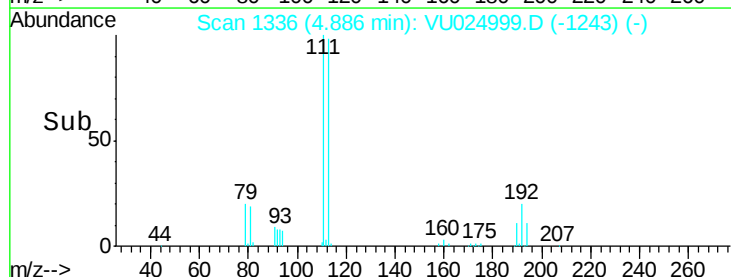
192 21.3 16.2 24.4



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

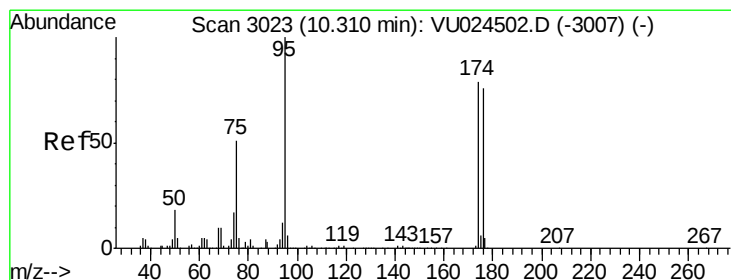
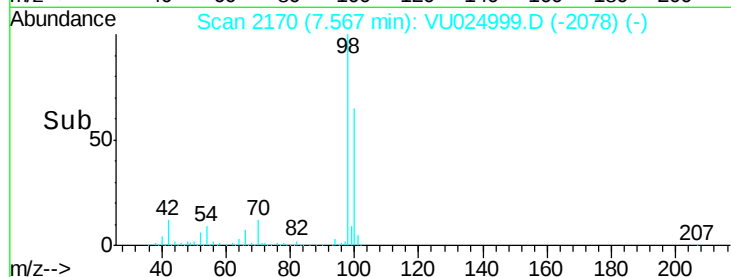
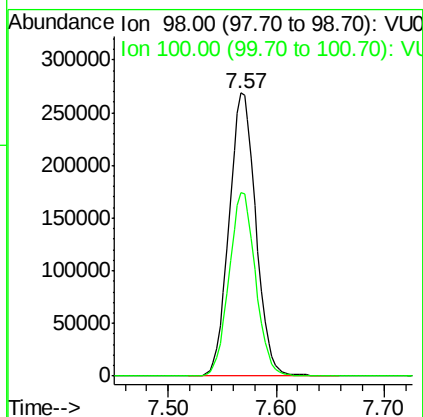
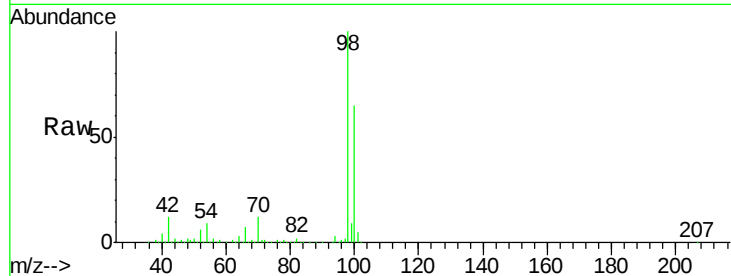




#50
Toluene-d8
Concen: 47.77 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024999.D
Acq: 28 Jun 2018 04:59

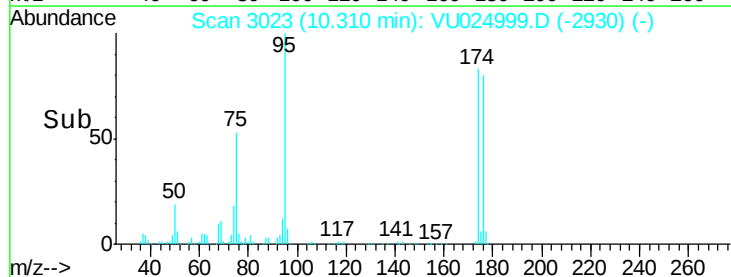
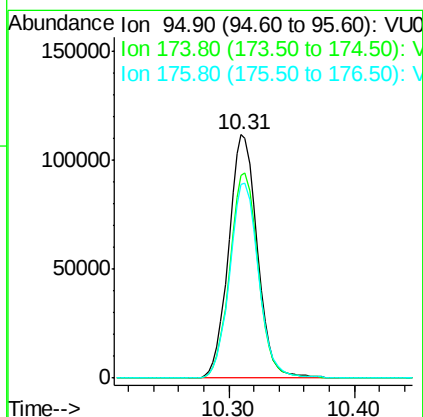
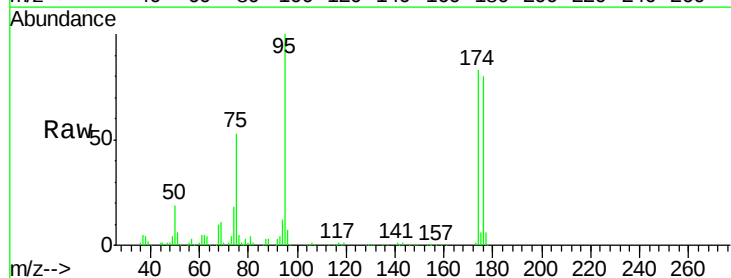
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ClientSampleId :
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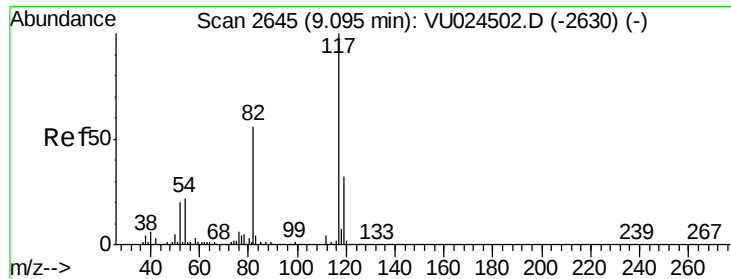
Tot Ion: 98 Resp: 466278
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 45.65 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. -0.00 min
Lab File: VU024999.D
Acq: 28 Jun 2018 04:59

Tgt Ion: 95 Resp: 176945
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.8
176 81.0 0.0 159.4

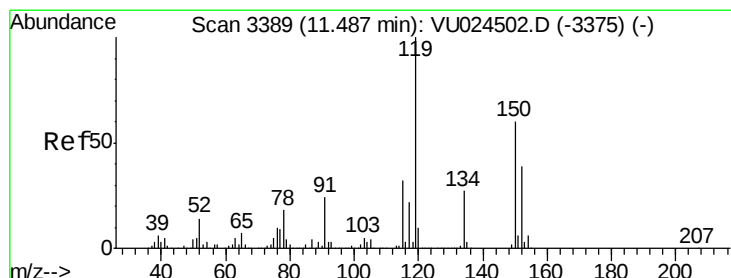
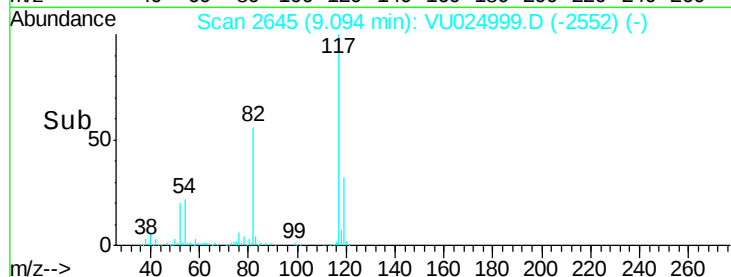
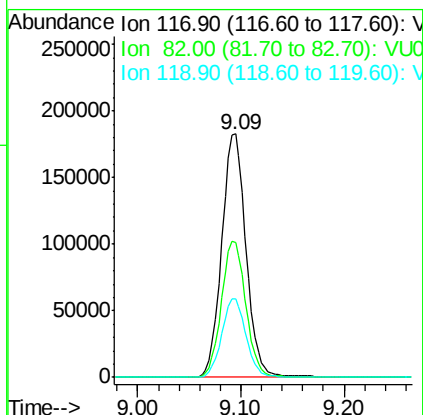
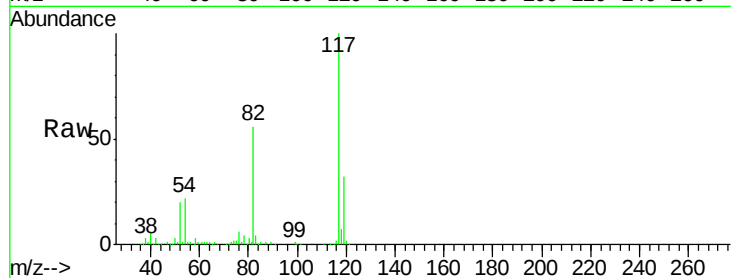




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU024999.D
Acq: 28 Jun 2018 04:59

Instrument :
MSVOA_U
ClientSampleId :
WP021SB478-19-21-180621ME

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	32.1	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: VU024999.D
Acq: 28 Jun 2018 04:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	43.0	129.0
150	155.4	0.0	354.0

