

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062718\
 Data File : VU024987.D
 Acq On : 28 Jun 2018 00:08
 Operator : MD/SY
 Sample : J3670-08ME 5X
 Misc : 5.79g/5mL/100uL/5.00ML/MSVOA_U/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-23-25-180621ME

Quant Time: Jun 28 05:42:00 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

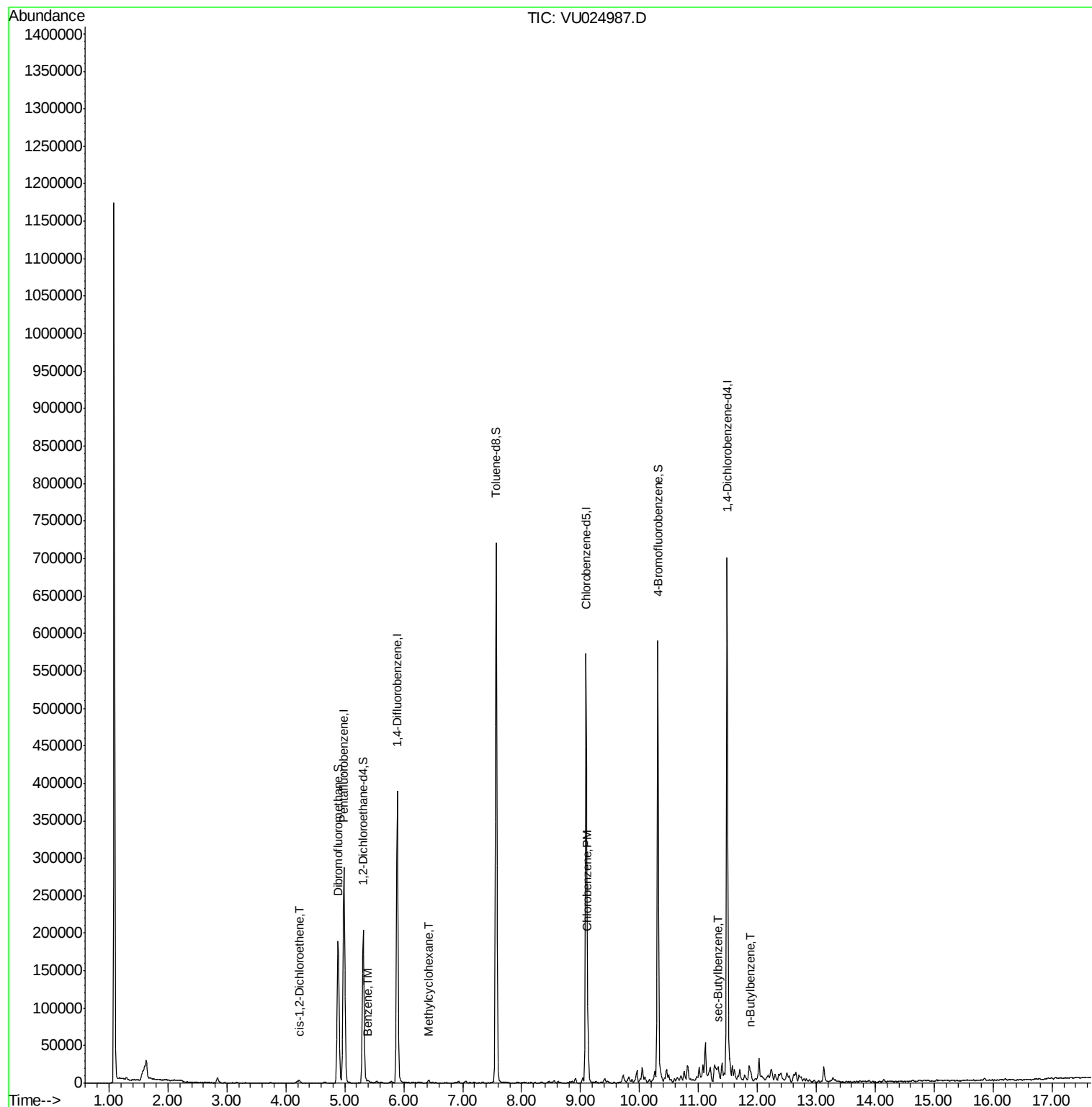
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	216831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	328584	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	307889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	182752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	164793	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
35) Dibromofluoromethane	4.89	113	128153	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	7.57	98	470175	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	10.31	95	185829	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	1074	0.34	ug/l	# 41
39) Methylcyclohexane	6.42	83	1339	0.28	ug/l	93
40) Benzene	5.40	78	2431	0.22	ug/l	99
65) Chlorobenzene	9.12	112	40670	5.17	ug/l	100
85) sec-Butylbenzene	11.33	105	5091	0.35	ug/l	96
89) n-Butylbenzene	11.90	91	3613	0.31	ug/l	88

(#) = 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: VU024987.D

Acq: 28 Jun 2018 00:08

Instrument :

MSVOA_U

ClientSampleId :

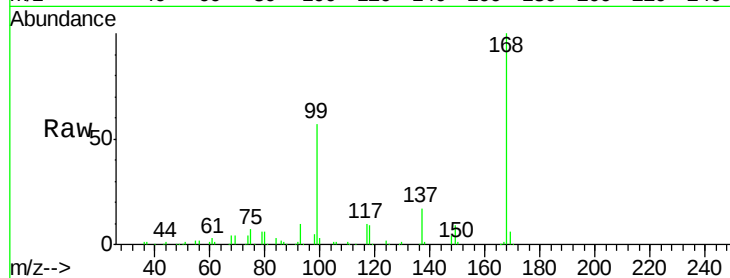
WP021SB487-23-25-180621ME

Tot Ion:168 Resp: 216831

Ion Ratio Lower Upper

168 100

99 57.5 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

100000

80000

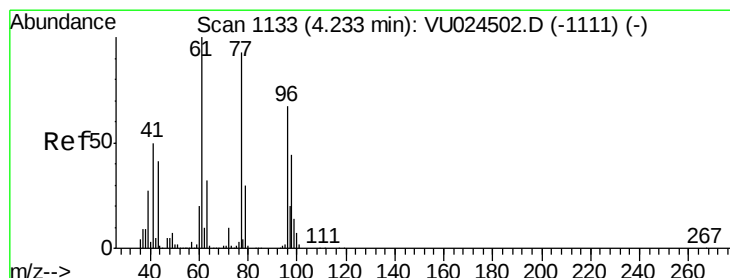
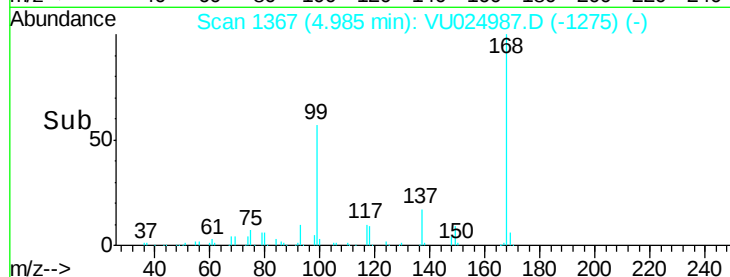
60000

40000

20000

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.34 ug/l

RT: 4.23 min Scan# 1133

Delta R.T. -0.00 min

Lab File: VU024987.D

Acq: 28 Jun 2018 00:08

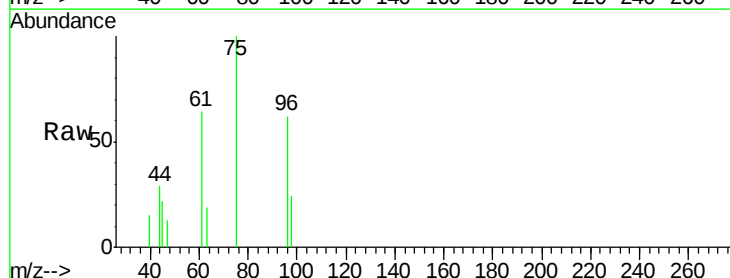
Tgt Ion: 96 Resp: 1074

Ion Ratio Lower Upper

96 100

61 90.7 0.0 306.6

98 0.0 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

800

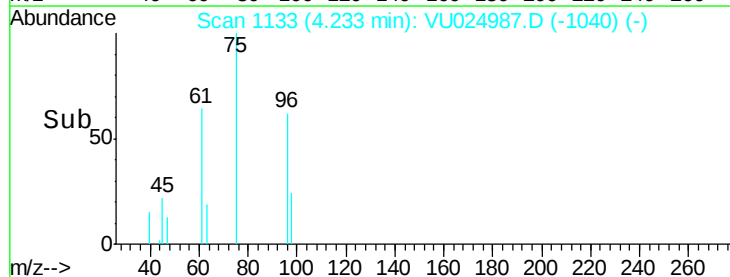
600

400

200

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.55 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024987.D

Acq: 28 Jun 2018 00:08

Instrument :

MSVOA_U

ClientSampleId :

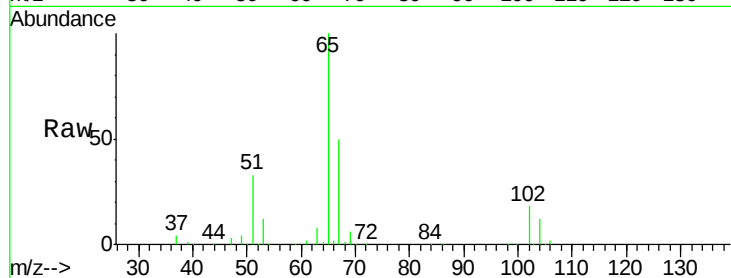
WP021SB487-23-25-180621ME

Tot Ion: 65 Resp: 164793

Ion Ratio Lower Upper

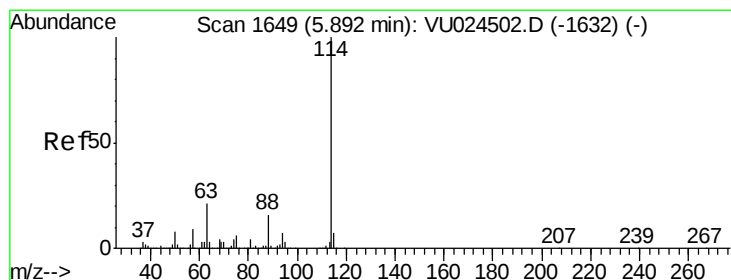
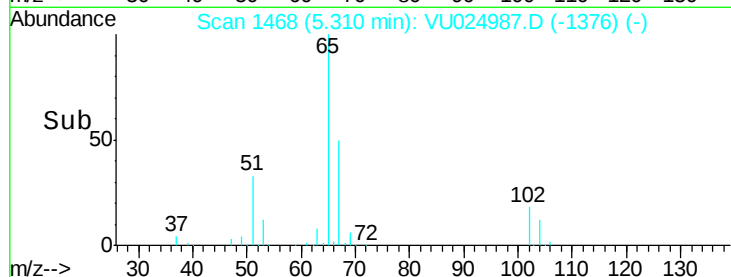
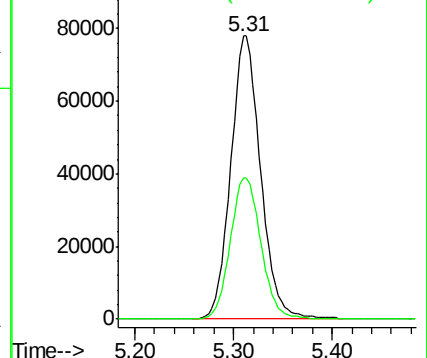
65 100

67 51.4 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024987.D

Acq: 28 Jun 2018 00:08

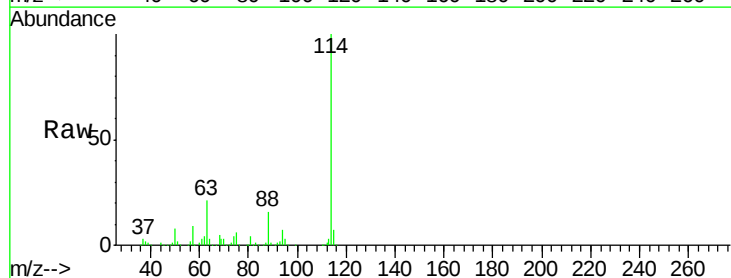
Tgt Ion: 114 Resp: 328584

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.4

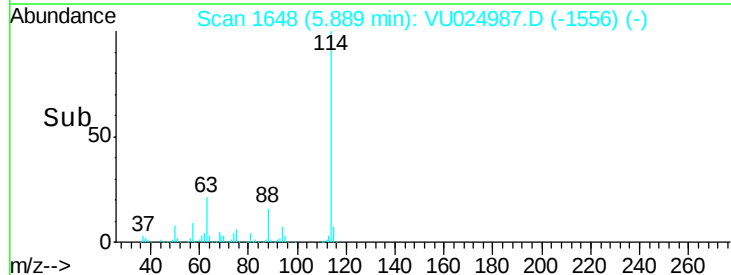
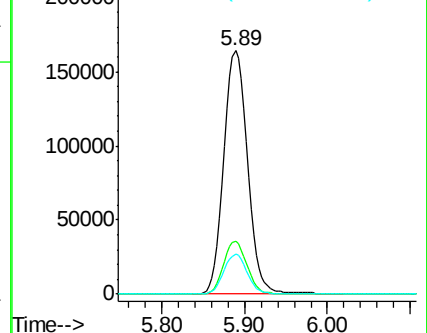
88 16.2 0.0 31.0



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

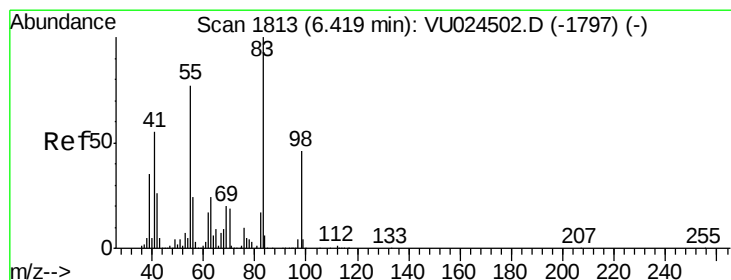
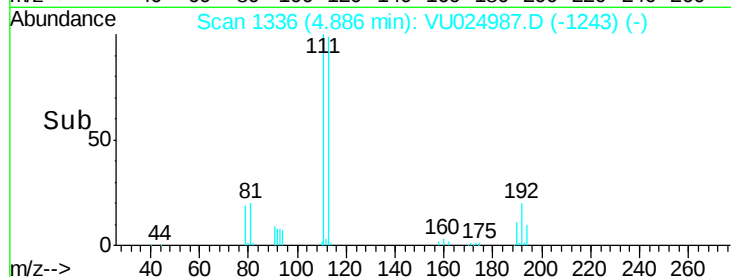
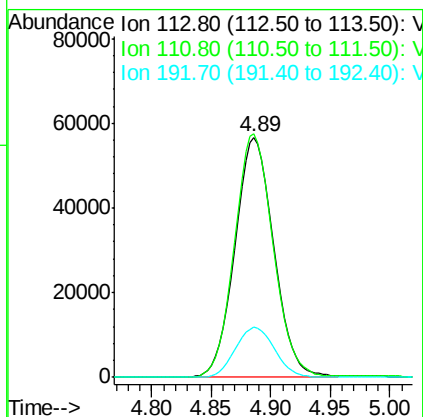
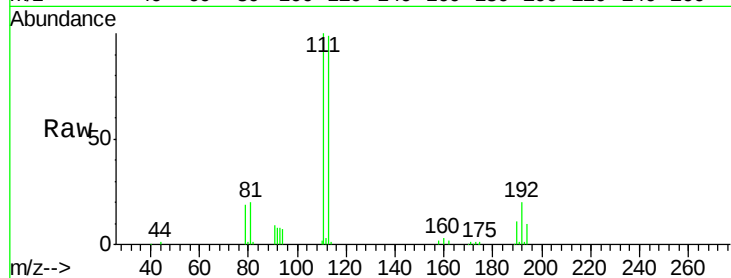




#35
Dibromofluoromethane
Concen: 46.99 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU024987.D
Acq: 28 Jun 2018 00:08

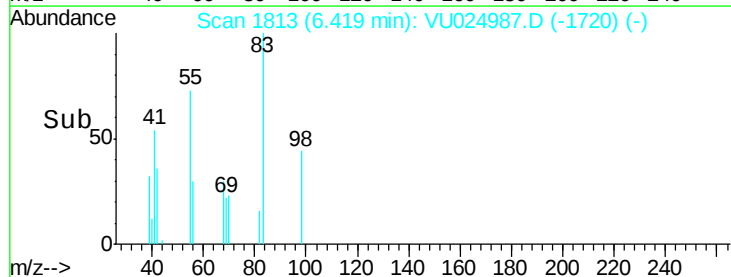
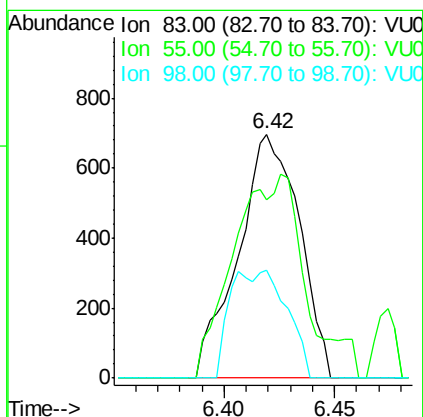
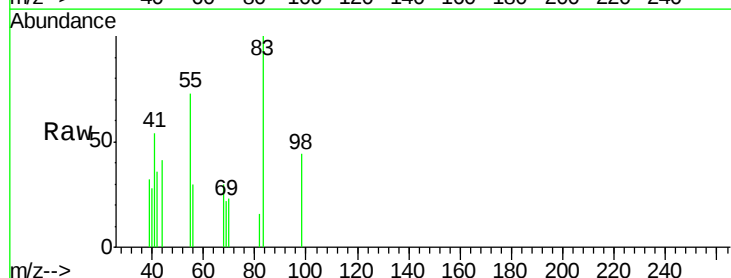
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-23-25-180621ME

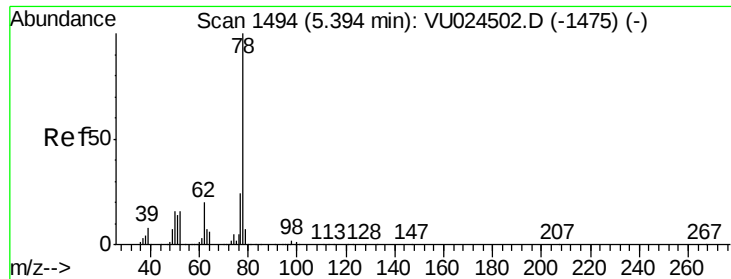
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.2	123.4
192	21.1	16.2	24.4



#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024987.D
Acq: 28 Jun 2018 00:08

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.3	65.8	98.6
98	44.4	36.7	55.1





#40

Benzene

Concen: 0.22 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU024987.D

Acq: 28 Jun 2018 00:08

Instrument :

MSVOA_U

ClientSampleId :

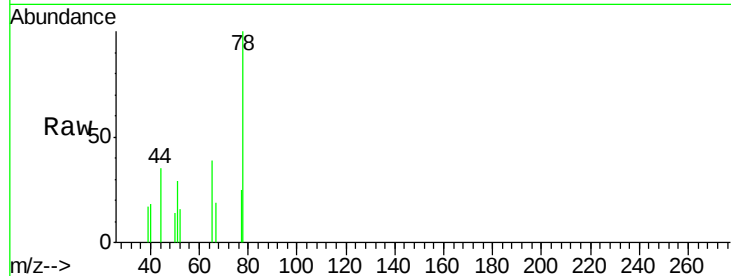
WP021SB487-23-25-180621ME

Tot Ion: 78 Resp: 2431

Ion Ratio Lower Upper

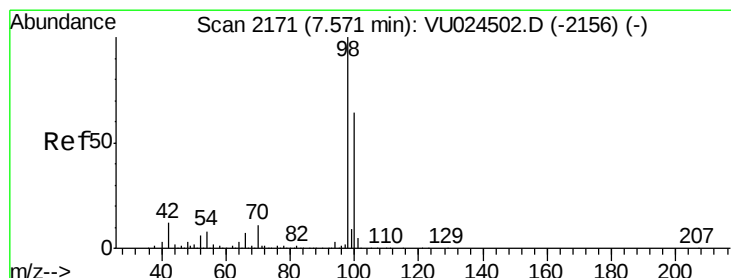
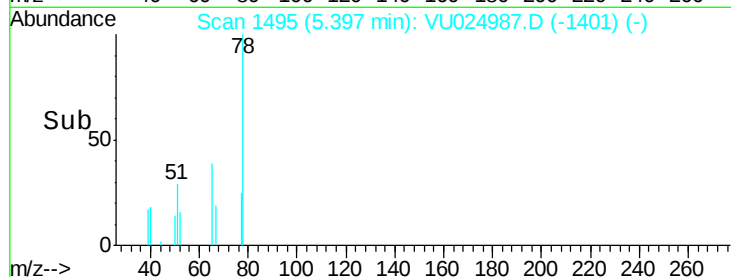
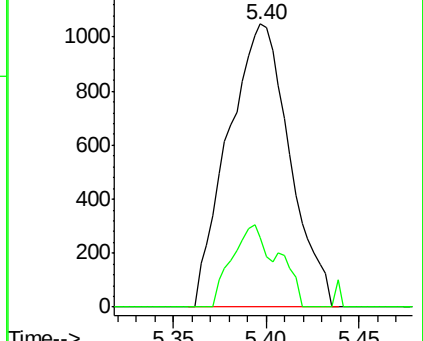
78 100

77 24.7 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#50

Toluene-d8

Concen: 47.27 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU024987.D

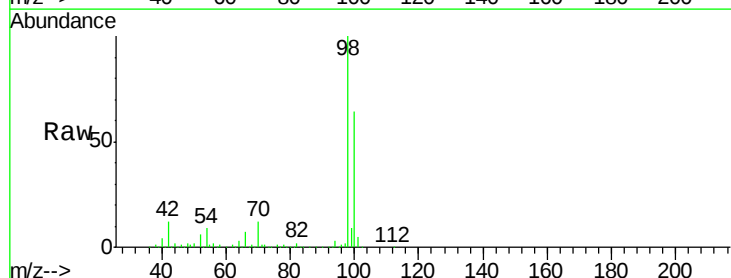
Acq: 28 Jun 2018 00:08

Tgt Ion: 98 Resp: 470175

Ion Ratio Lower Upper

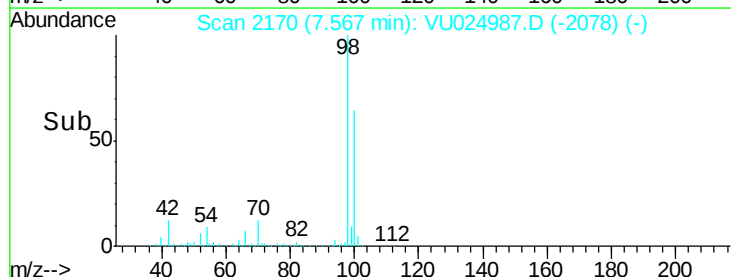
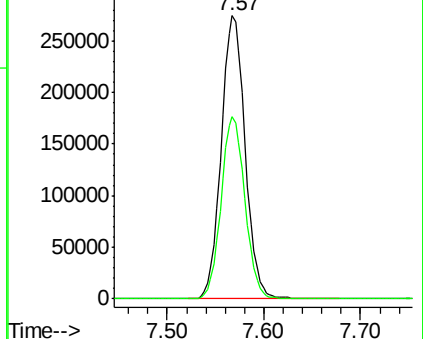
98 100

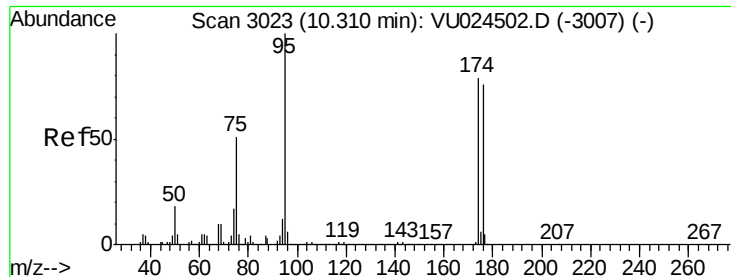
100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

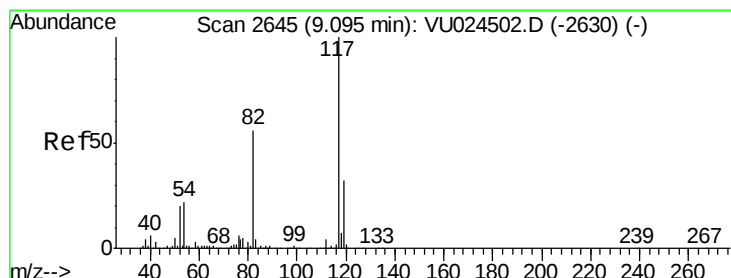
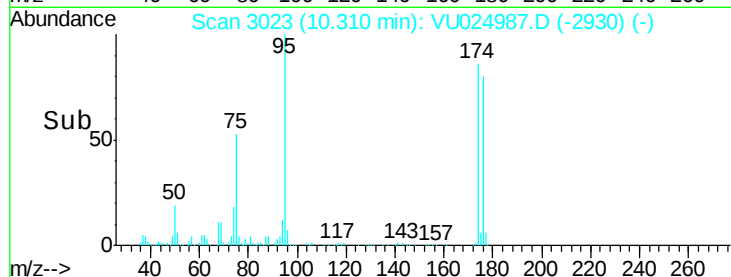
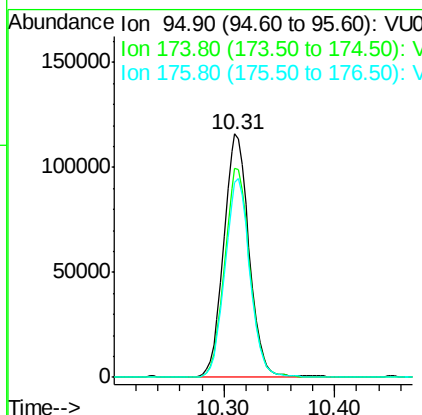
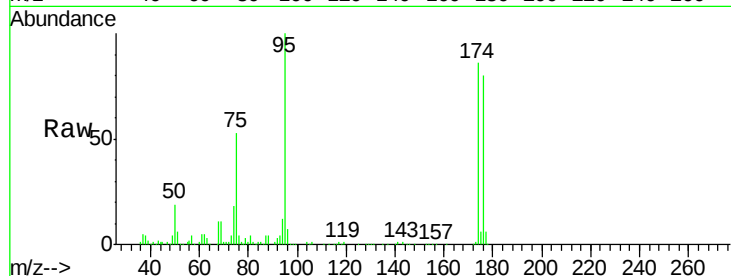




#62
4-Bromofluorobenzene
Concen: 47.05 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024987.D
Acq: 28 Jun 2018 00:08

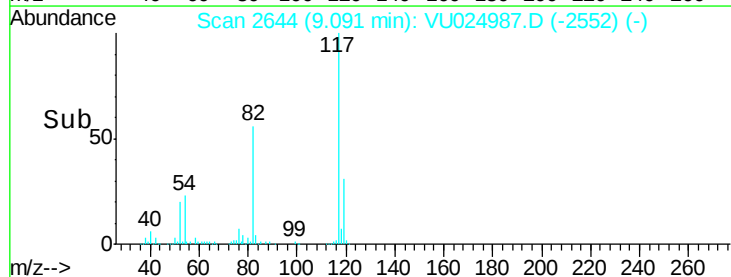
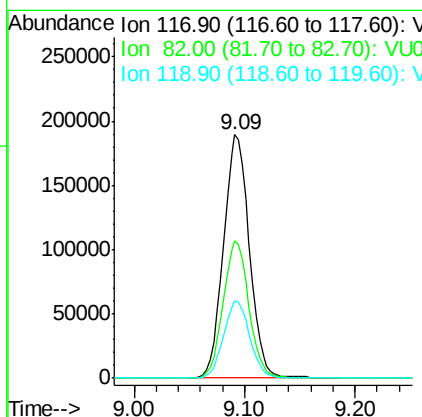
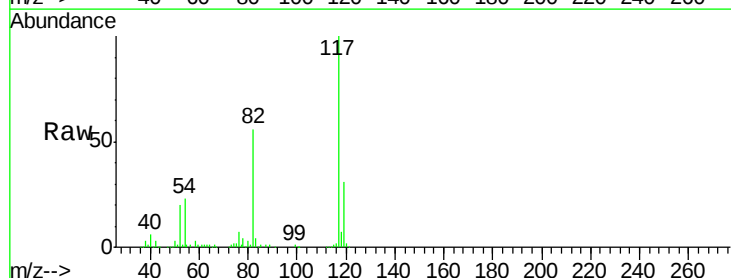
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-23-25-180621ME

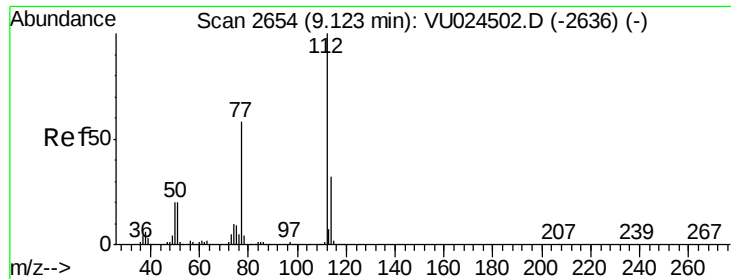
Tot Ion	95	Resp	185829
Ion Ratio	100		
Lower			
Upper			
95	100		
174	84.9	0.0	165.8
176	80.1	0.0	159.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024987.D
Acq: 28 Jun 2018 00:08

Tgt Ion	117	Resp	307889
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
117	100		
82	56.3	44.3	66.5
119	31.5	25.4	38.2

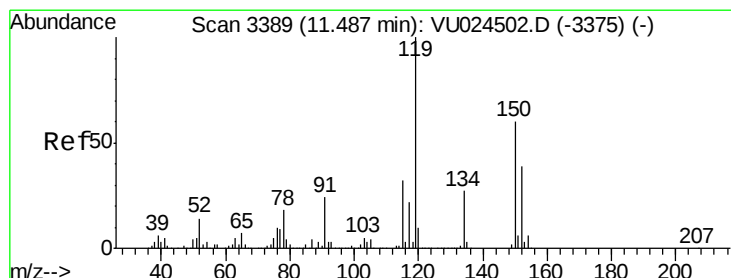
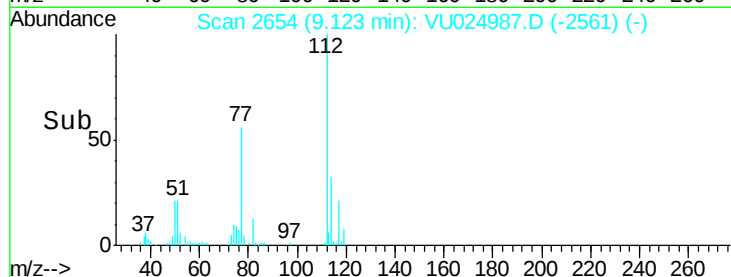
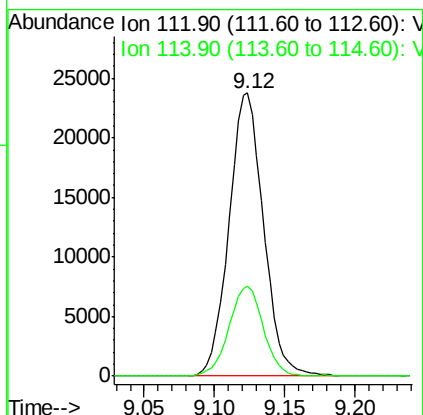
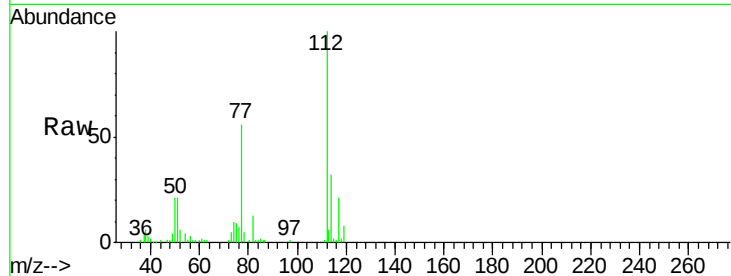




#65
Chlorobenzene
Concen: 5.17 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU024987.D
Acq: 28 Jun 2018 00:08

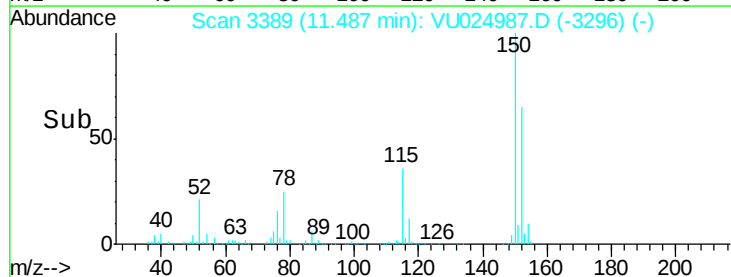
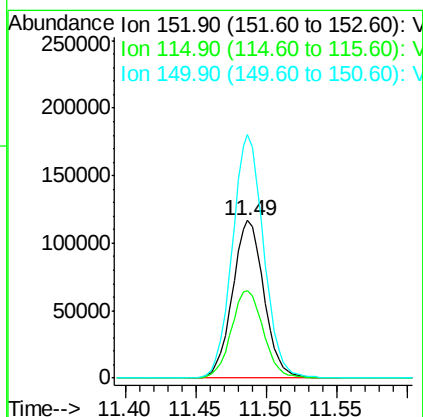
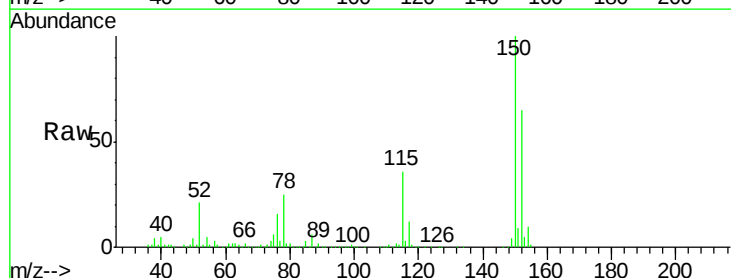
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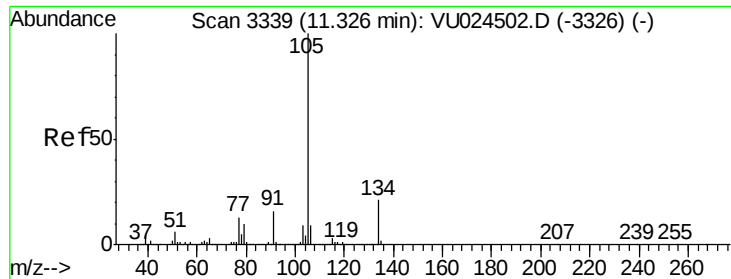
Tot Ion:112 Resp: 40670
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024987.D
Acq: 28 Jun 2018 00:08

Tgt Ion:152 Resp: 182752
Ion Ratio Lower Upper
152 100
115 56.6 43.0 129.0
150 153.9 0.0 354.0





#85

sec-Butylbenzene

Concen: 0.35 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU024987.D

Acq: 28 Jun 2018 00:08

Instrument :

MSVOA_U

ClientSampleId :

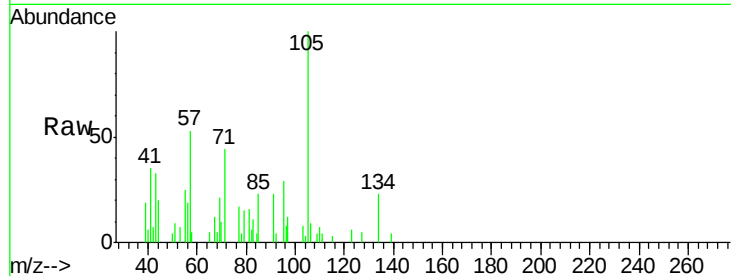
WP021SB487-23-25-180621ME

Tot Ion:105 Resp: 5091

Ion Ratio Lower Upper

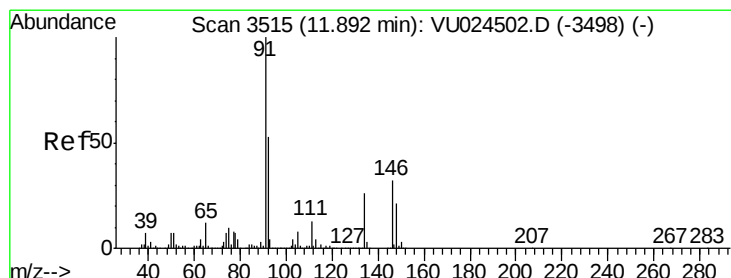
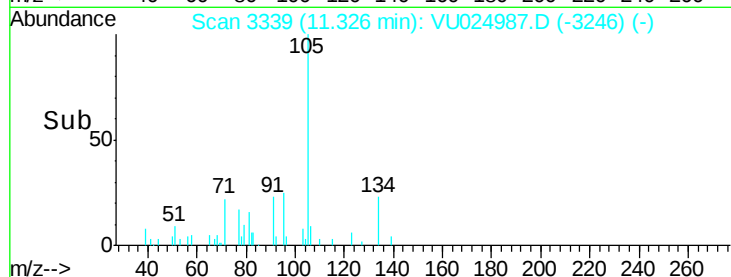
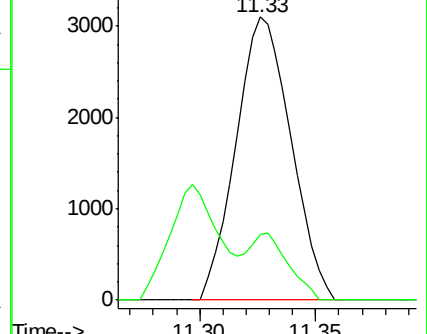
105 100

134 17.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.31 ug/l

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU024987.D

Acq: 28 Jun 2018 00:08

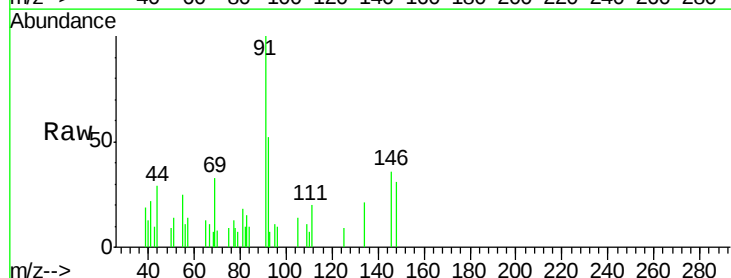
Tgt Ion: 91 Resp: 3613

Ion Ratio Lower Upper

91 100

92 47.1 25.6 76.8

134 36.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

