

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110718\
 Data File : VU027994.D
 Acq On : 07 Nov 2018 10:43
 Operator : MD/SY
 Sample : PB114573TB
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114573TB

Quant Time: Nov 07 11:09:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

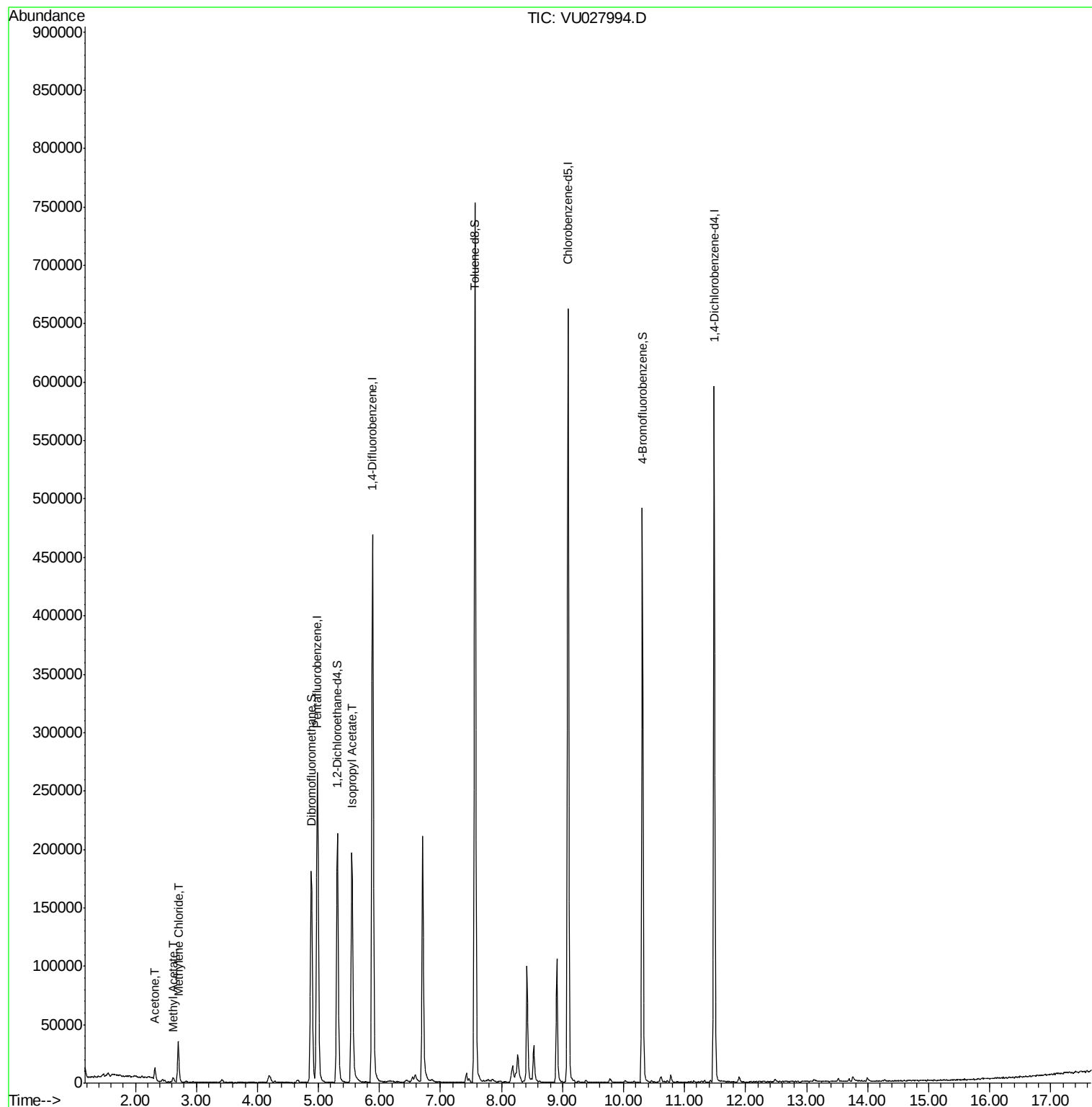
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	201184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	384613	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	339708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	145714	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	167140	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	4.88	113	125872	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	7.57	98	487141	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	10.31	95	164404	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
Target Compounds						
16) Acetone	2.32	43	12166	6.556	ug/l	99
18) Methyl Acetate	2.62	43	5974	1.170	ug/l	97
20) Methylene Chloride	2.70	84	14237	5.254	ug/l	100
43) Isopropyl Acetate	5.55	43	239744	25.927	ug/l	99

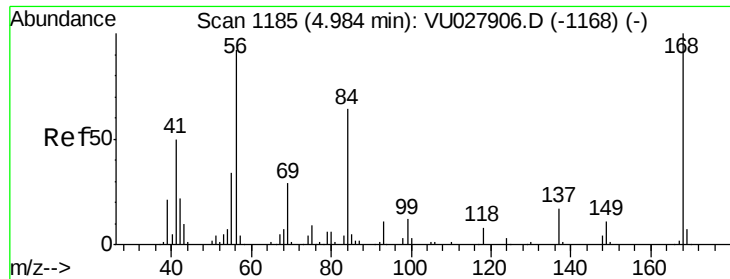
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU027994.D

Acq: 07 Nov 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

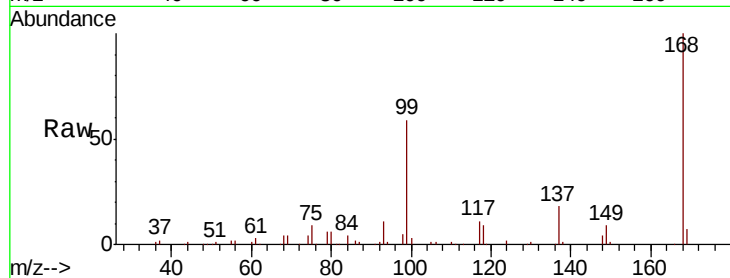
PB114573TB

Tot Ion:168 Resp: 201184

Ion Ratio Lower Upper

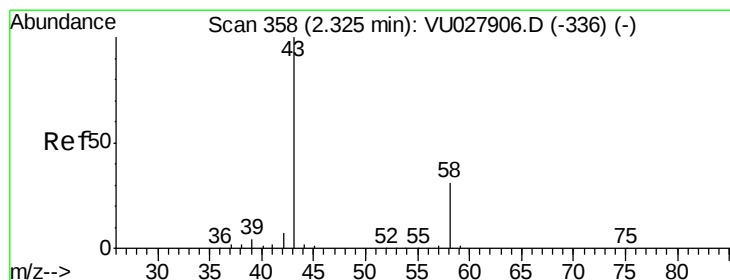
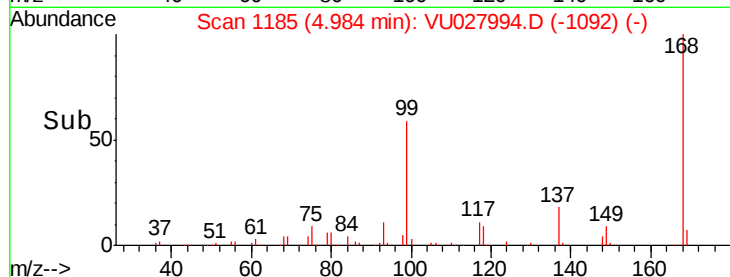
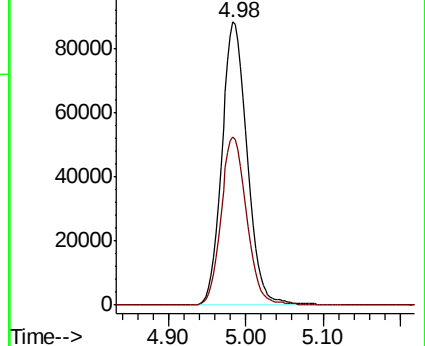
168 100

99 59.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027994.D (-1092) (-)



#16

Acetone

Concen: 6.556 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027994.D

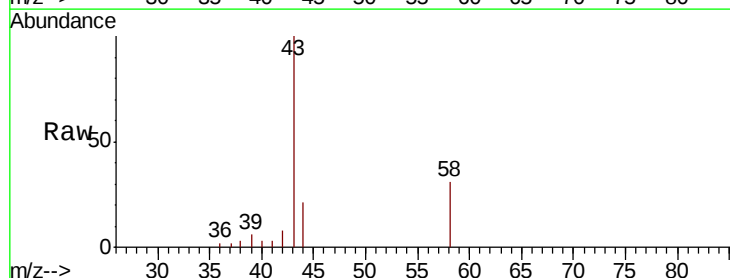
Acq: 07 Nov 2018 10:43

Tgt Ion: 43 Resp: 12166

Ion Ratio Lower Upper

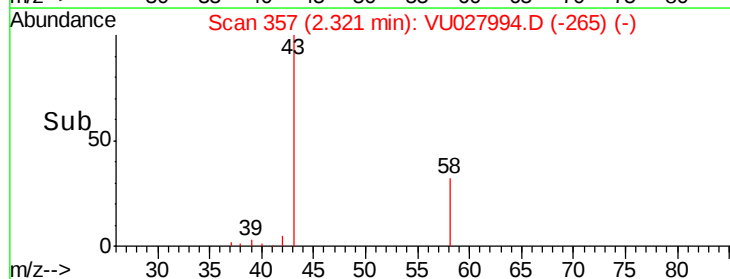
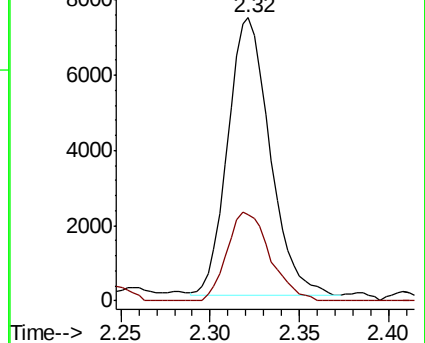
43 100

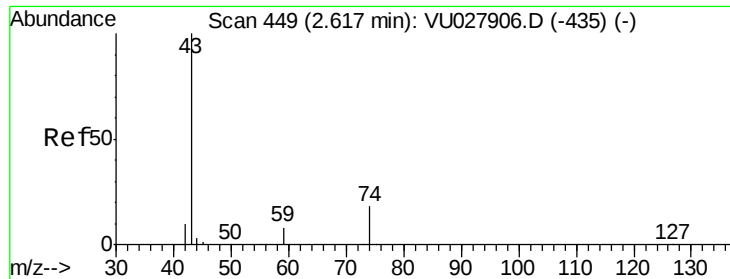
58 31.1 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027994.D (-265) (-)

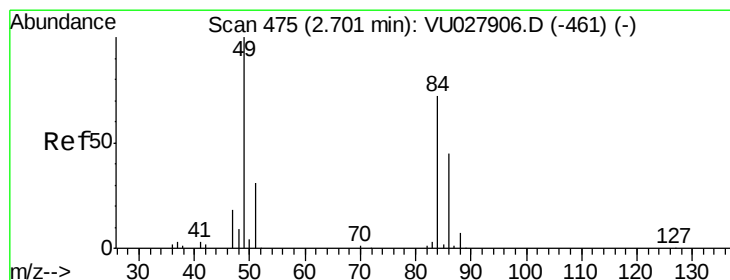
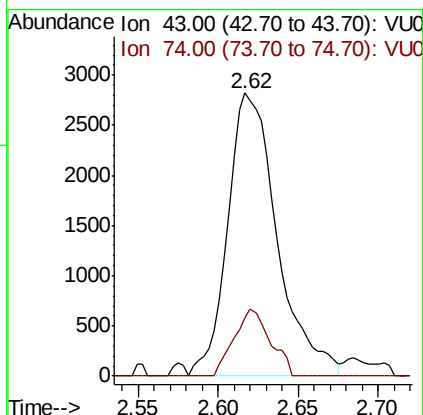
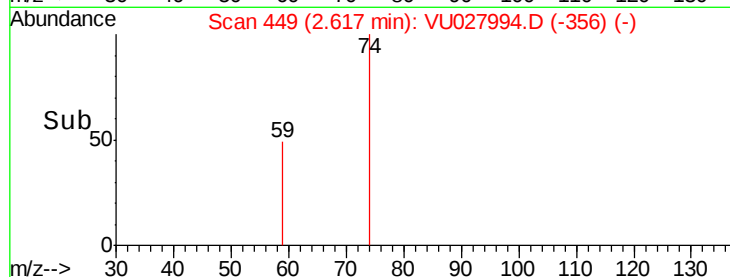
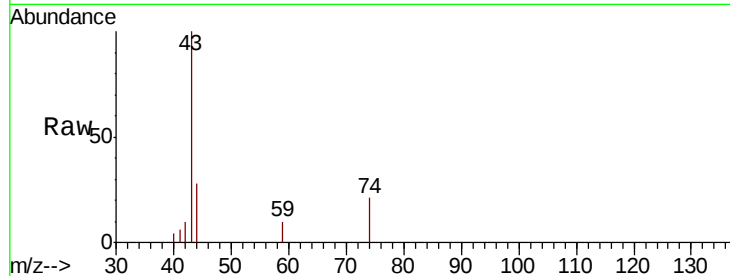




#18
Methyl Acetate
Concen: 1.170 ug/l
RT: 2.62 min Scan# 449
Delta R.T. -0.00 min
Lab File: VU027994.D
Acq: 07 Nov 2018 10:43

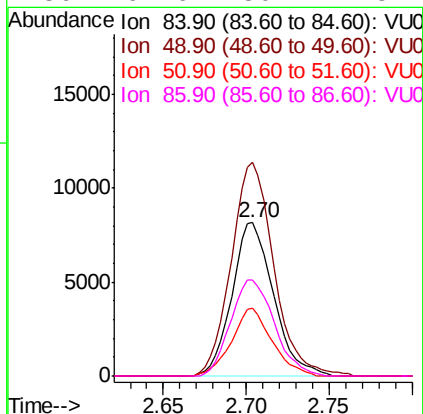
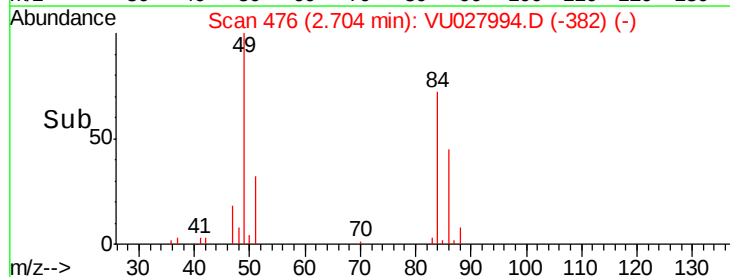
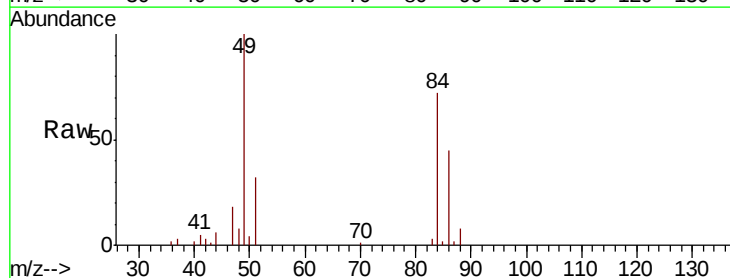
Instrument :
MSVOA_U
ClientSampleId :
PB114573TB

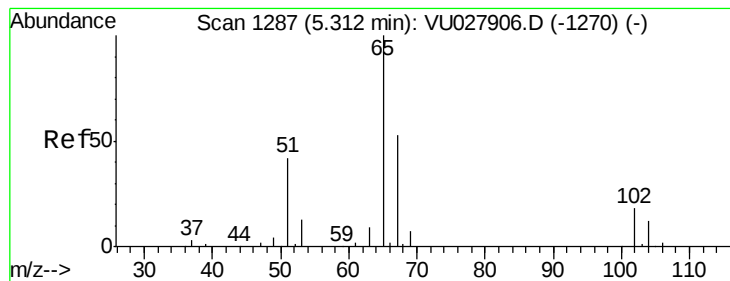
Tot Ion: 43 Resp: 5974
Ion Ratio Lower Upper
43 100
74 17.1 14.9 22.3



#20
Methylene Chloride
Concen: 5.254 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027994.D
Acq: 07 Nov 2018 10:43

Tgt Ion: 84 Resp: 14237
Ion Ratio Lower Upper
84 100
49 139.4 111.6 167.4
51 44.3 34.8 52.2
86 62.6 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 55.879 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027994.D

Acq: 07 Nov 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

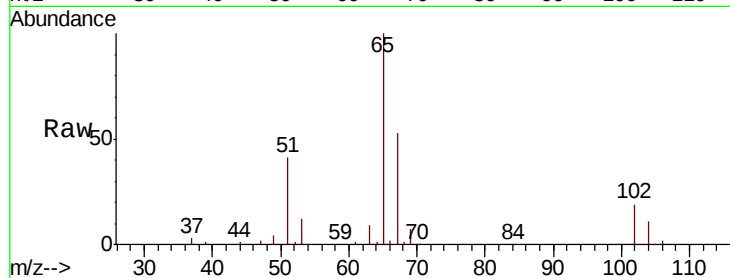
PB114573TB

Tot Ion: 65 Resp: 167140

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

5.31

80000

60000

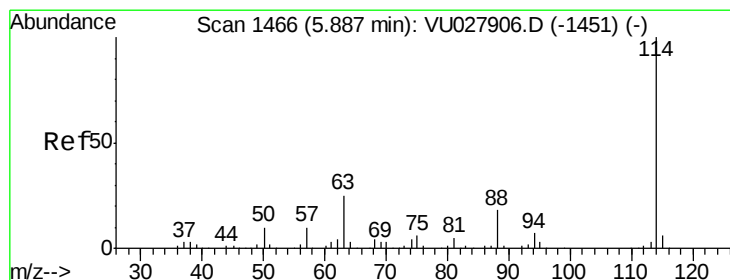
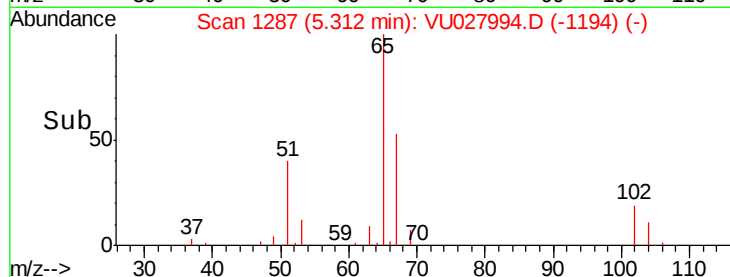
40000

20000

0

5.20 5.30 5.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VU027994.D

Acq: 07 Nov 2018 10:43

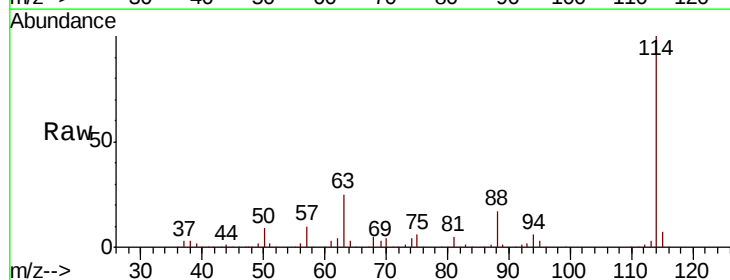
Tgt Ion: 114 Resp: 384613

Ion Ratio Lower Upper

114 100

63 24.7 0.0 50.8

88 16.6 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): VU027906.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU027906.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU027906.D (-1451) (-)

5.89

250000

200000

150000

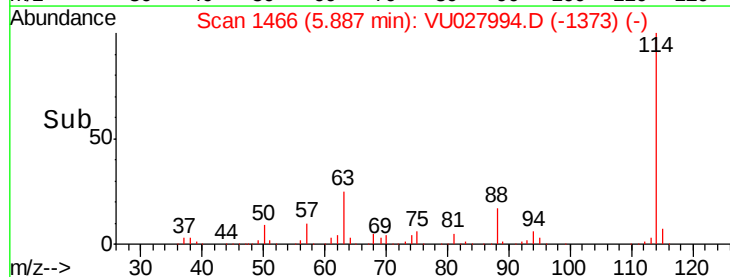
100000

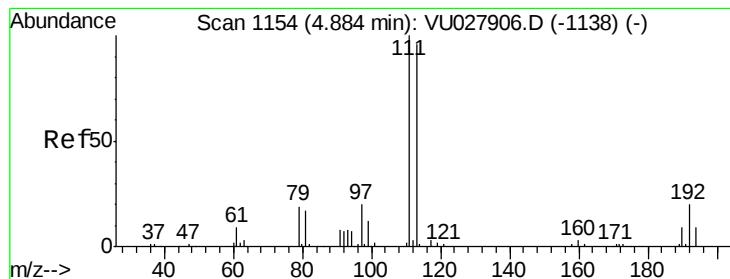
50000

0

5.80 5.90 6.00

Time-->





#35

Dibromofluoromethane

Concen: 51.905 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027994.D

Acq: 07 Nov 2018 10:43

Instrument :

MSVOA_U

ClientSampleId :

PB114573TB

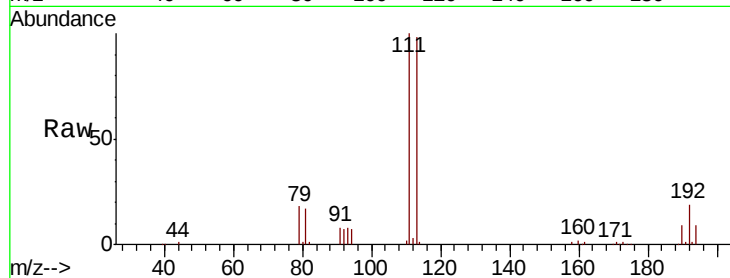
Tot Ion:113 Resp: 125872

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

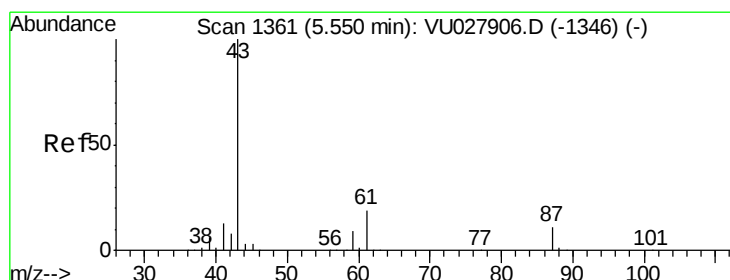
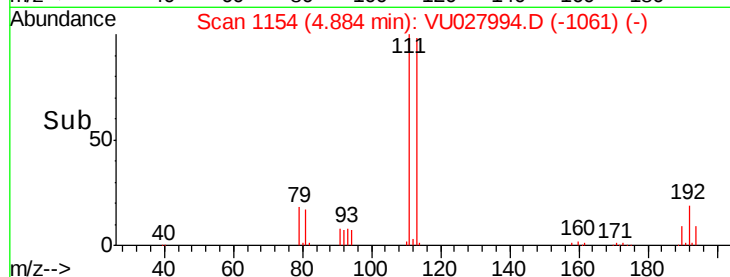
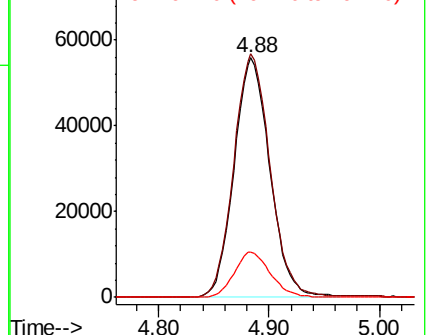
192 19.0 15.6 23.4



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



#43

Isopropyl Acetate

Concen: 25.927 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027994.D

Acq: 07 Nov 2018 10:43

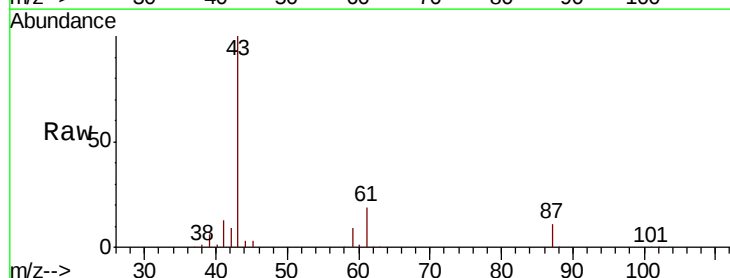
Tgt Ion: 43 Resp: 239744

Ion Ratio Lower Upper

43 100

61 19.0 15.0 22.4

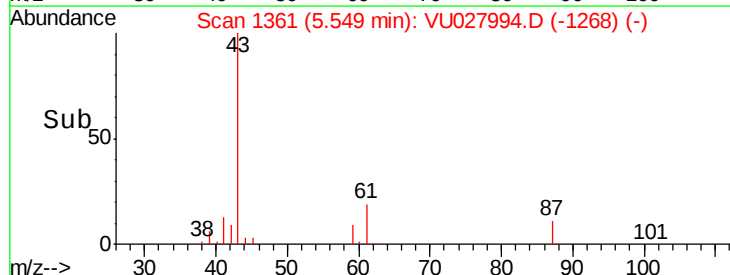
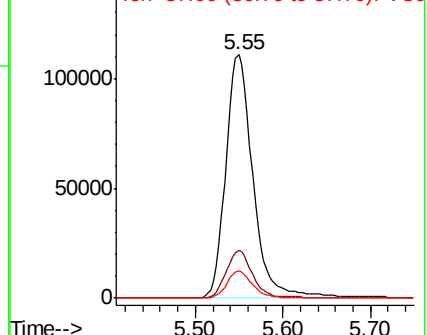
87 10.6 8.6 12.8

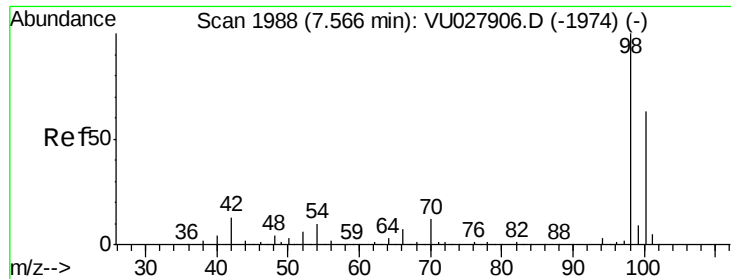


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

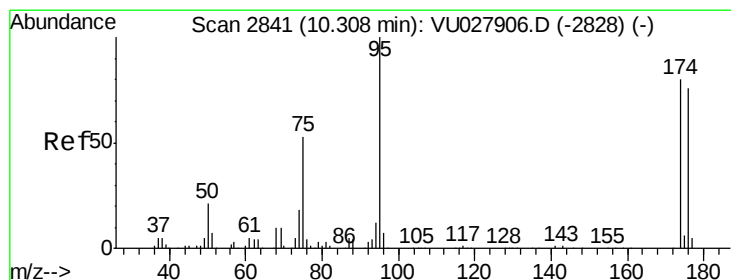
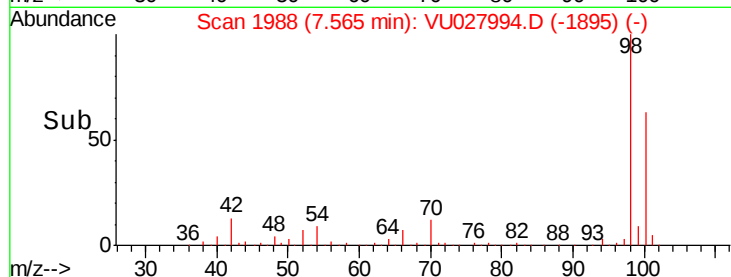
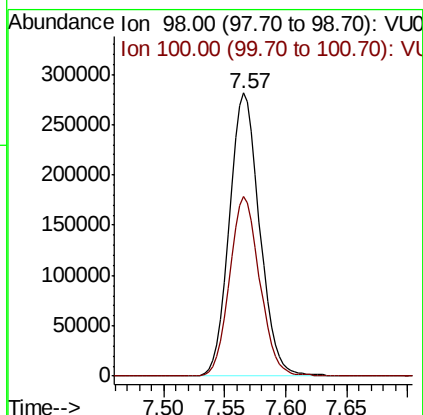
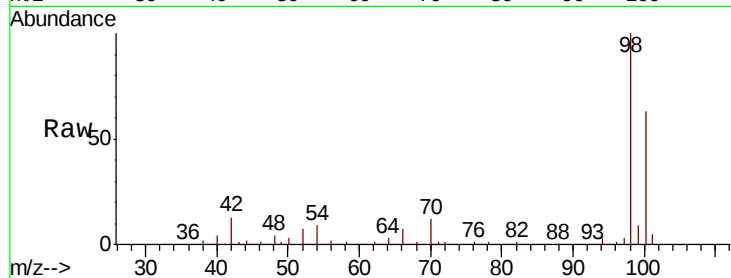




#50
Toluene-d8
Concen: 52.002 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027994.D
Acq: 07 Nov 2018 10:43

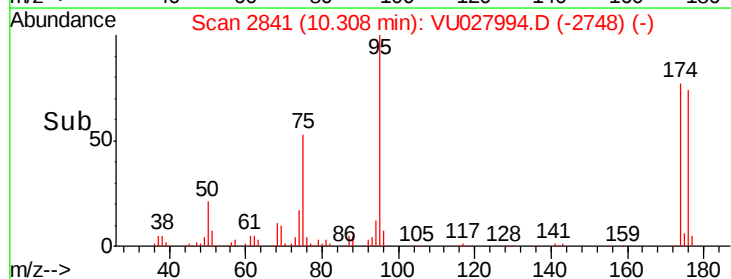
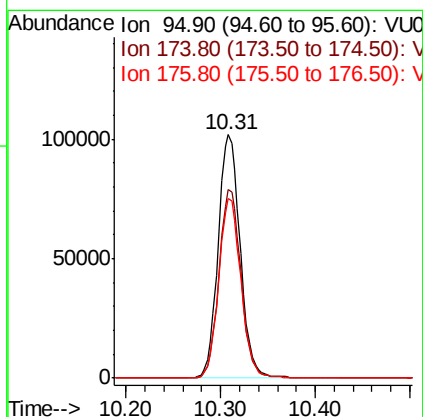
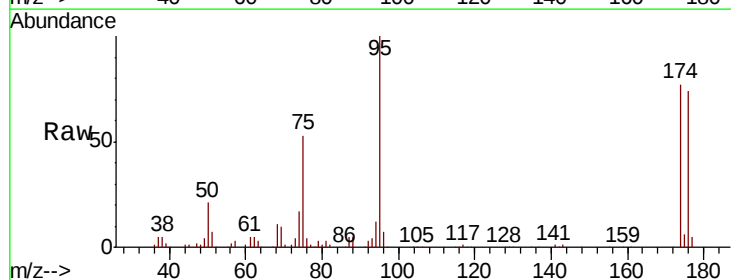
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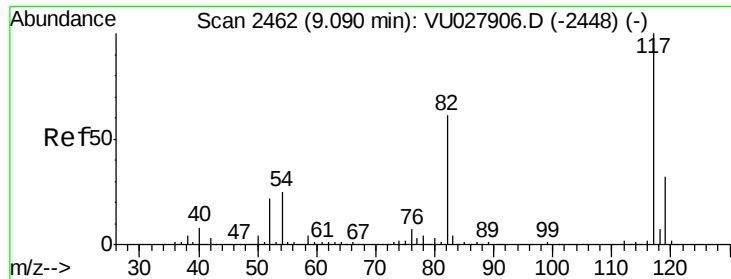
Tot Ion: 98 Resp: 487141
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.581 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027994.D
Acq: 07 Nov 2018 10:43

Tgt Ion: 95 Resp: 164404
Ion Ratio Lower Upper
95 100
174 77.6 0.0 156.4
176 74.3 0.0 150.8

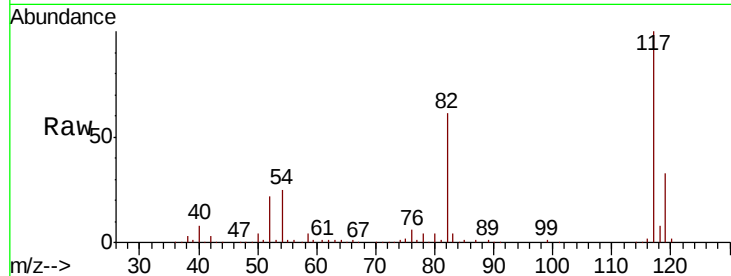




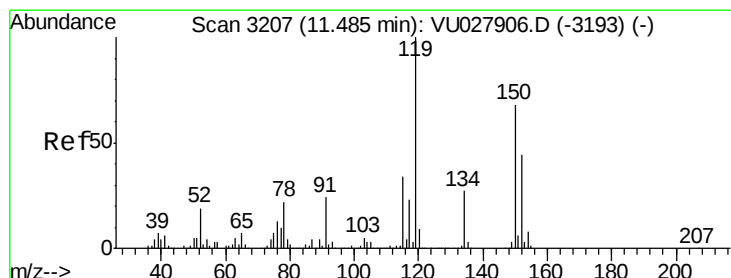
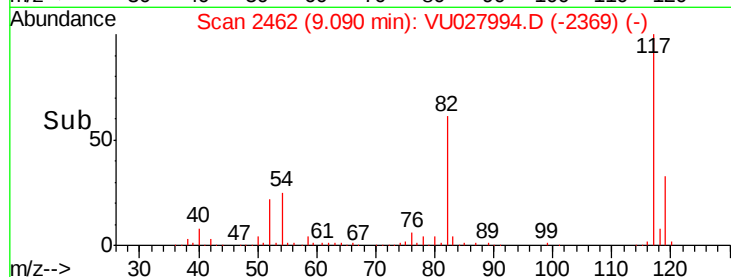
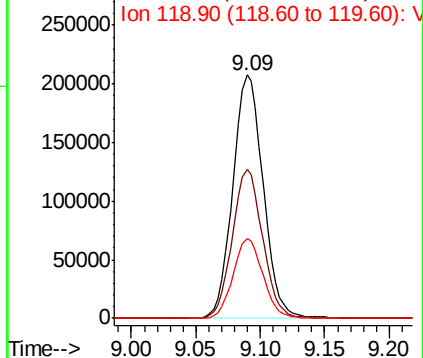
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027994.D
Acq: 07 Nov 2018 10:43

Instrument :
MSVOA_U
ClientSampleId :
PB114573TB

Tot Ion:117 Resp: 339708
Ion Ratio Lower Upper
117 100
82 61.2 48.6 73.0
119 32.7 25.8 38.8

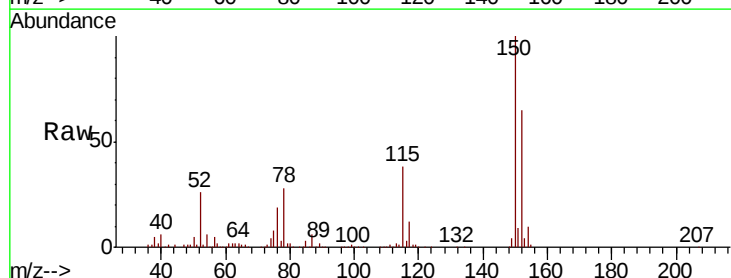


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027994.D
Acq: 07 Nov 2018 10:43

Tgt Ion:152 Resp: 145714
Ion Ratio Lower Upper
152 100
115 59.8 43.0 129.0
150 156.4 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

