

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110718\
 Data File : VU027997.D
 Acq On : 07 Nov 2018 11:53
 Operator : MD/SY
 Sample : PB114573ZHE#02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114573ZHE#02

Quant Time: Nov 07 13:56:30 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

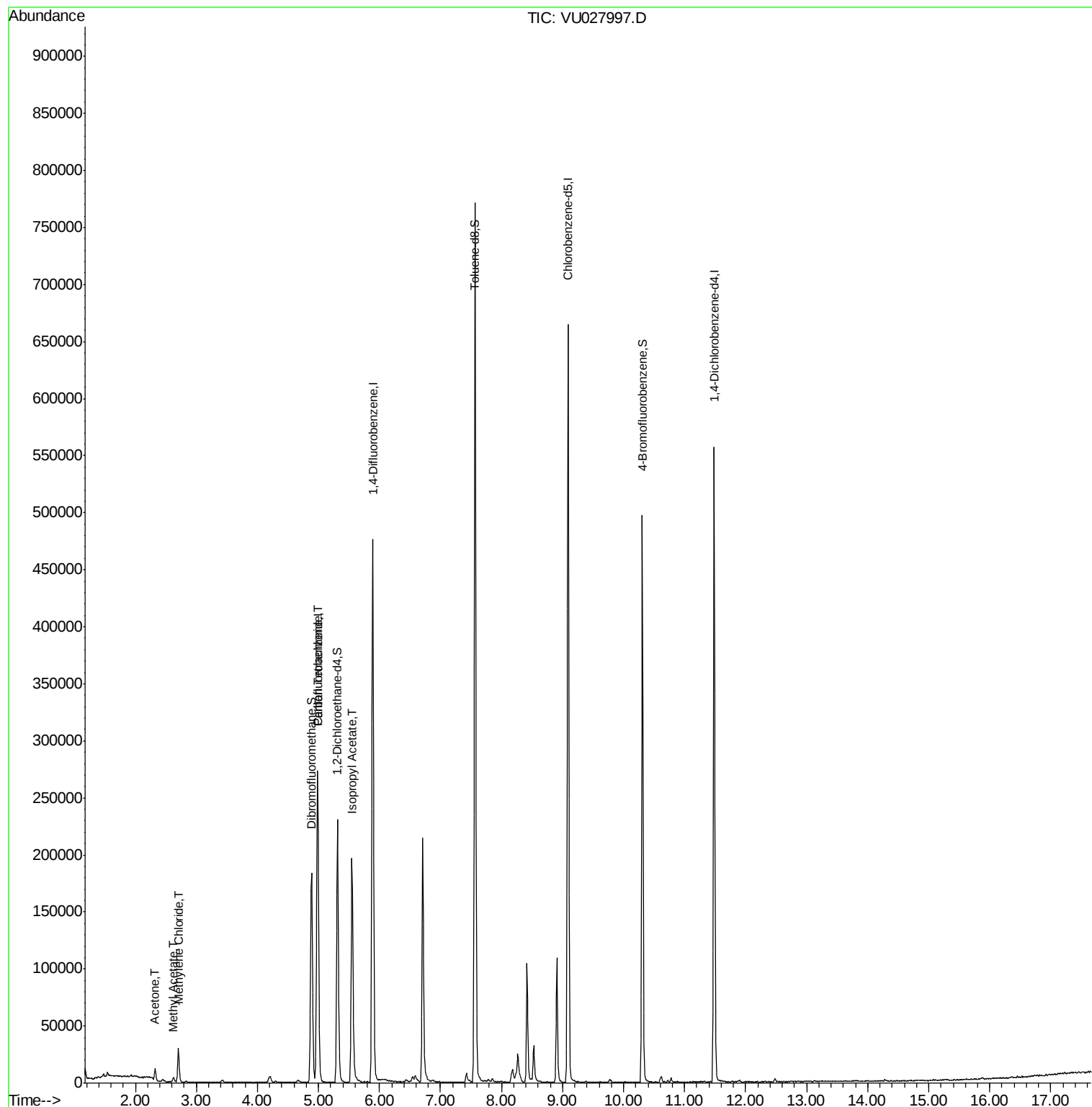
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	207522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	388710	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	345200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	141680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	169927	55.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.16%	
35) Dibromofluoromethane	4.89	113	128291	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
50) Toluene-d8	7.57	98	502922	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	10.31	95	164493	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
Target Compounds						
16) Acetone	2.32	43	11398	5.954	ug/l	89
18) Methyl Acetate	2.62	43	5361	1.018	ug/l	98
20) Methylene Chloride	2.71	84	12393	4.434	ug/l	99
38) Carbon Tetrachloride	4.98	117	20817	5.770	ug/l #	16
43) Isopropyl Acetate	5.55	43	239035	25.578	ug/l	99

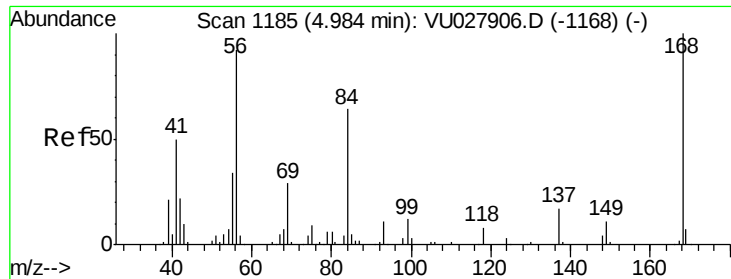
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027997.D

Acq: 07 Nov 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

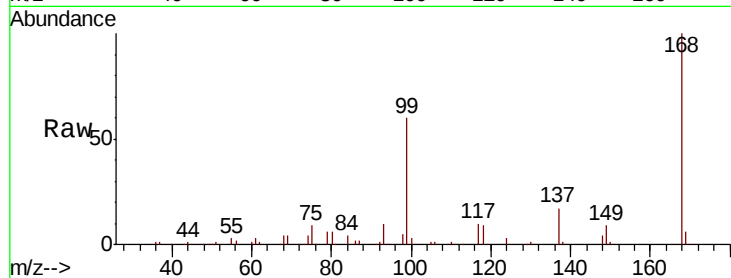
PB114573ZHE#02

Tot Ion:168 Resp: 207522

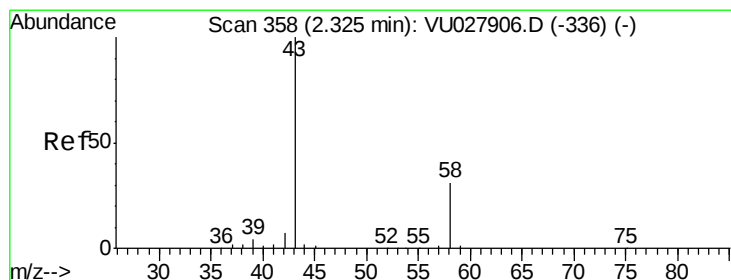
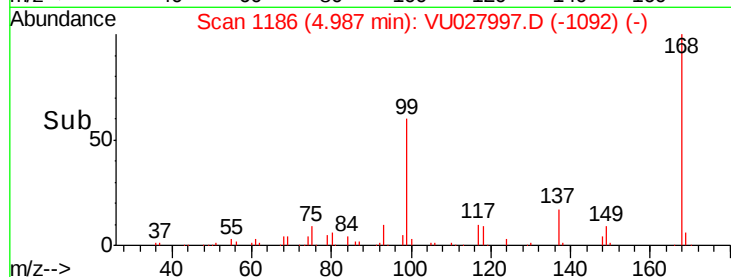
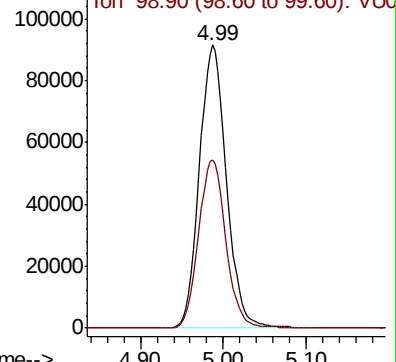
Ion Ratio Lower Upper

168 100

99 59.6 47.9 71.9



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



#16

Acetone

Concen: 5.954 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027997.D

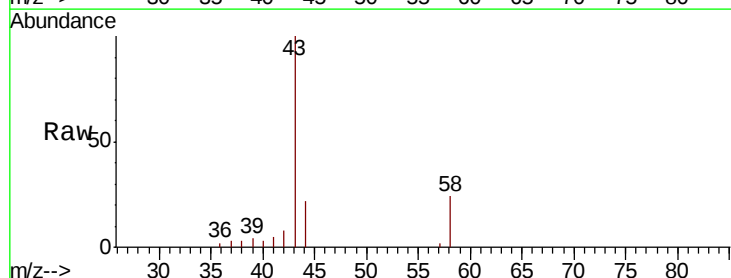
Acq: 07 Nov 2018 11:53

Tgt Ion: 43 Resp: 11398

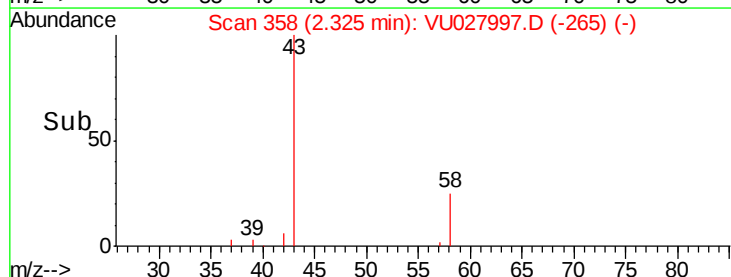
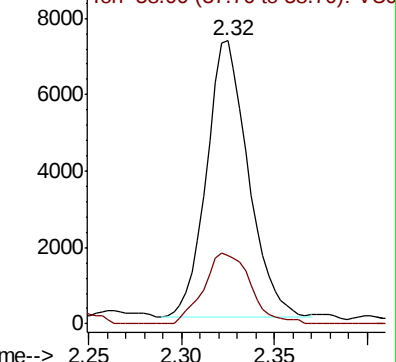
Ion Ratio Lower Upper

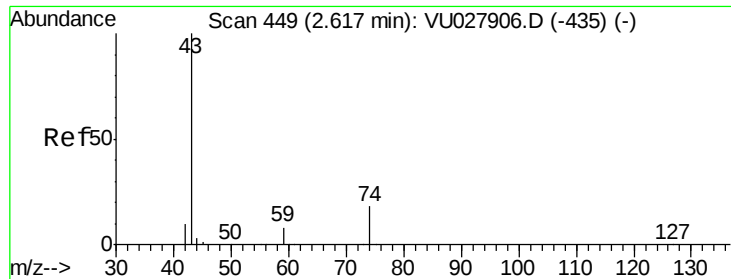
43 100

58 24.8 24.6 37.0



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

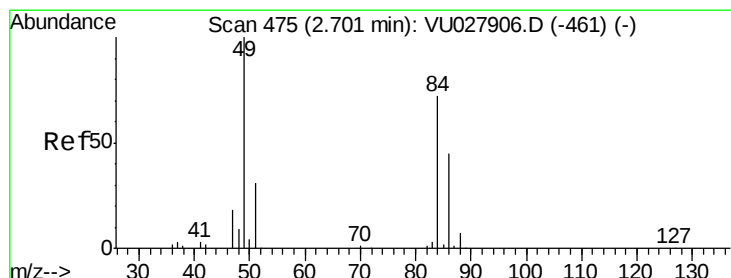
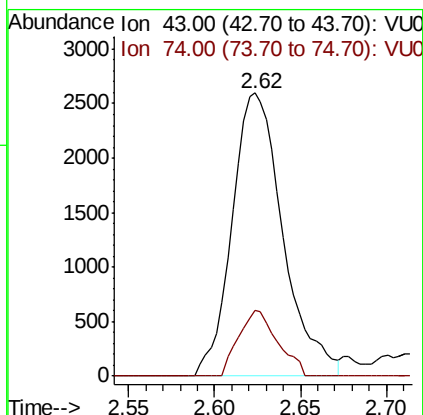
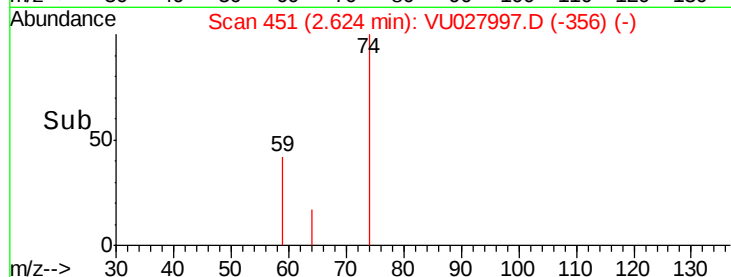
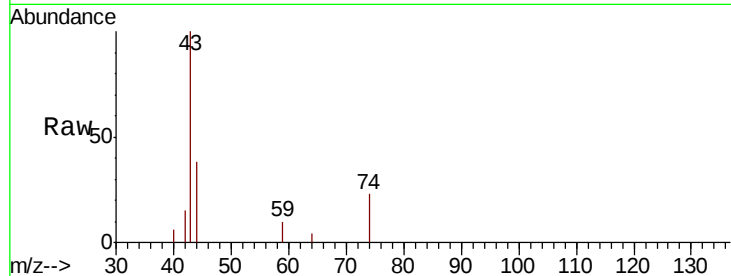




#18
Methyl Acetate
Concen: 1.018 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027997.D
Acq: 07 Nov 2018 11:53

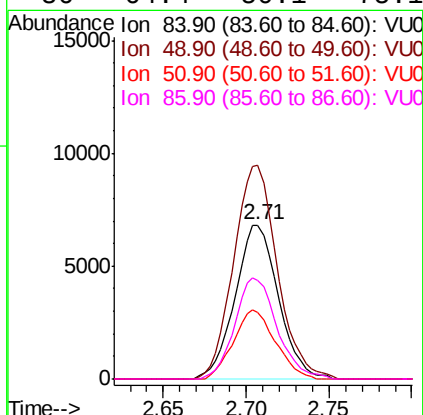
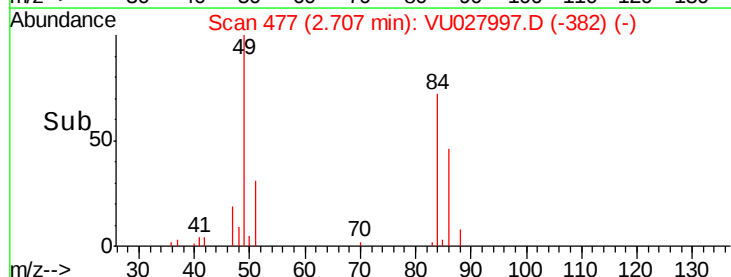
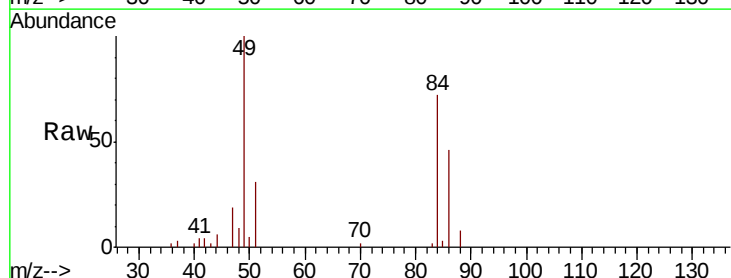
Instrument :
MSVOA_U
ClientSampleId :
PB114573ZHE#02

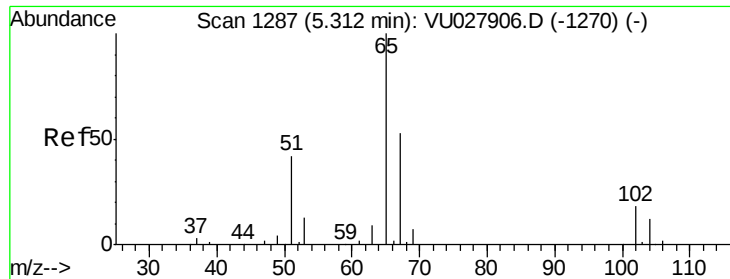
Tot Ion: 43 Resp: 5361
Ion Ratio Lower Upper
43 100
74 17.7 14.9 22.3



#20
Methylene Chloride
Concen: 4.434 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027997.D
Acq: 07 Nov 2018 11:53

Tgt Ion: 84 Resp: 12393
Ion Ratio Lower Upper
84 100
49 139.0 111.6 167.4
51 43.6 34.8 52.2
86 64.4 50.1 75.1

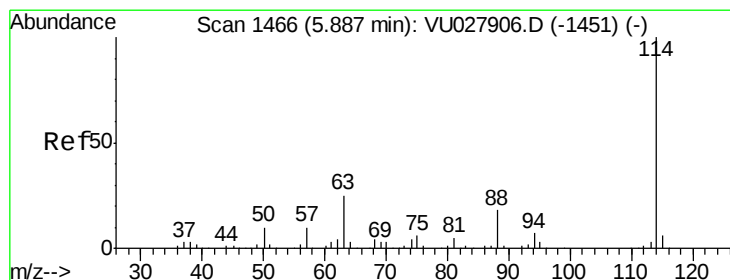
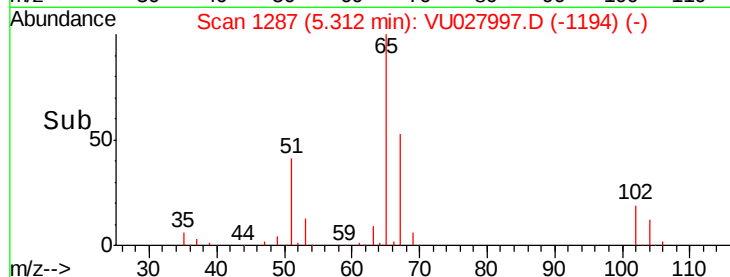
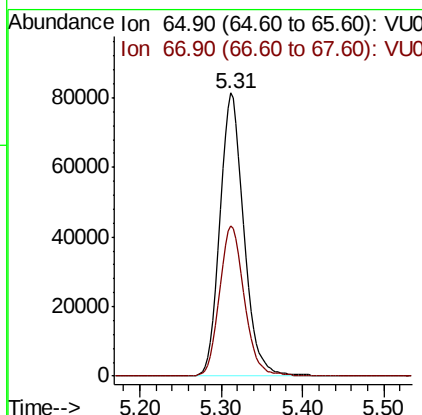
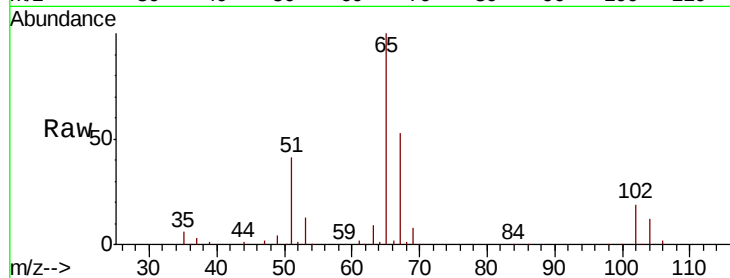




#33
 1,2-Dichloroethane-d4
 Concen: 55.076 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027997.D
 Acq: 07 Nov 2018 11:53

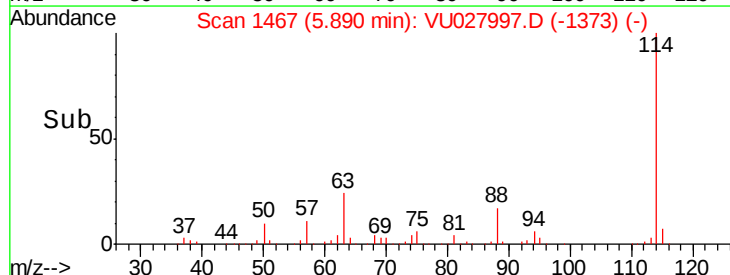
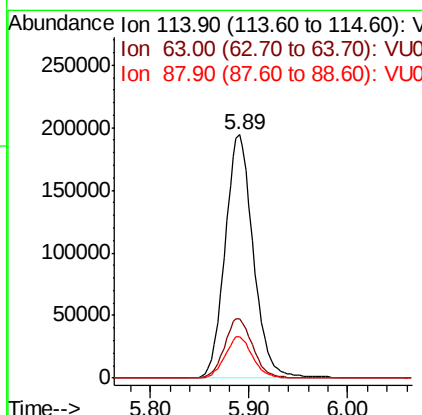
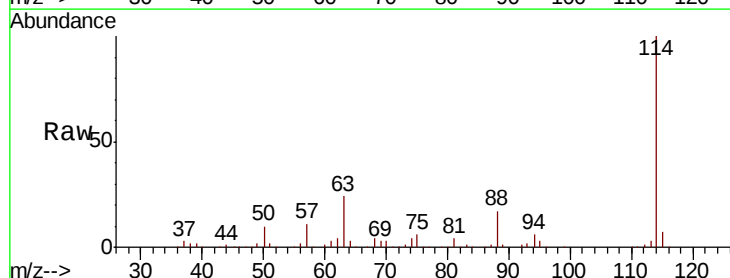
Instrument :
 MSVOA_U
 ClientSampleId :
 PB114573ZHE#02

Tot Ion: 65 Resp: 169927
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027997.D
 Acq: 07 Nov 2018 11:53

Tgt Ion: 114 Resp: 388710
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.8
 88 17.1 0.0 35.8

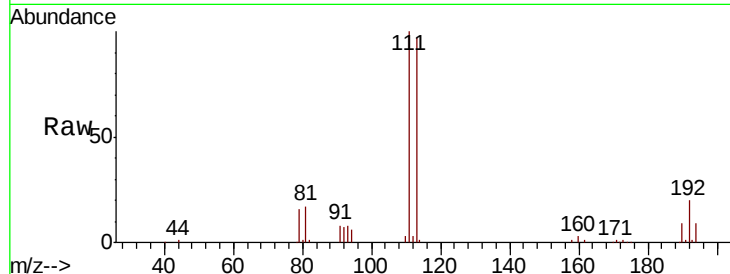




#35
 Dibromofluoromethane
 Concen: 52.345 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027997.D
 Acq: 07 Nov 2018 11:53

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114573ZHE#02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.6
192	20.1	15.6	23.4

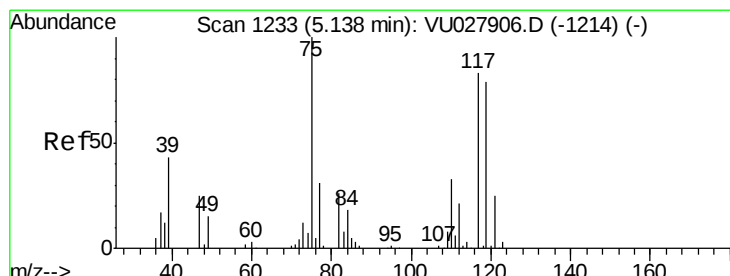
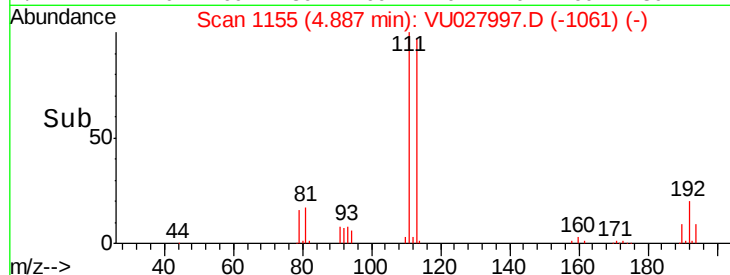
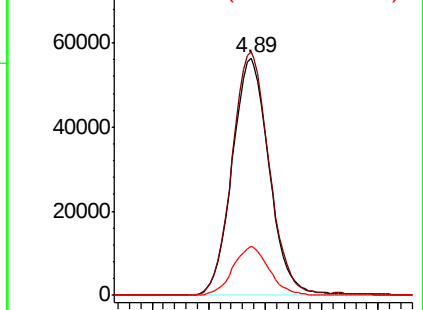


Abundance

Ion 112.80 (112.50 to 113.50): V

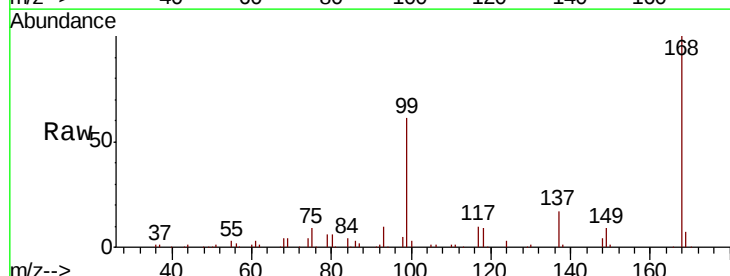
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#38
 Carbon Tetrachloride
 Concen: 5.770 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027997.D
 Acq: 07 Nov 2018 11:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.0	114.0#
121	0.0	24.5	36.7#

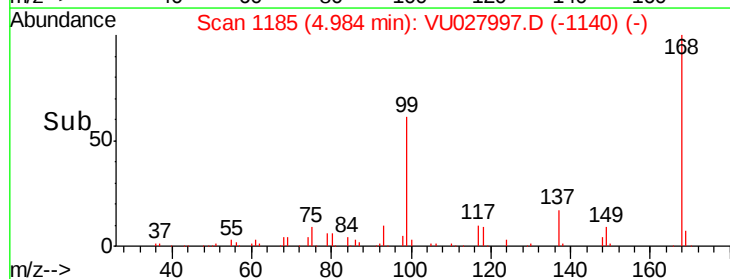
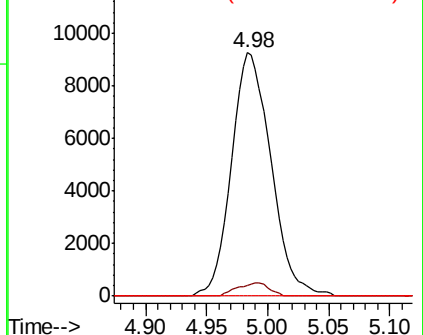


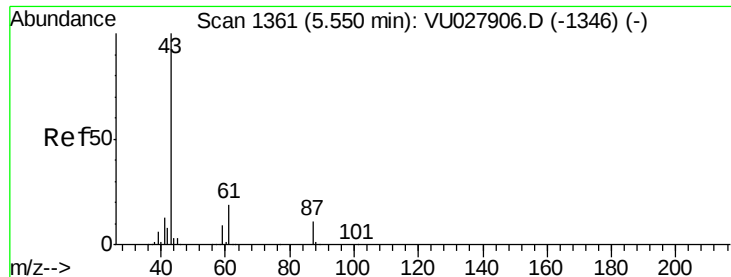
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 25.578 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU027997.D

Acq: 07 Nov 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

PB114573ZHE#02

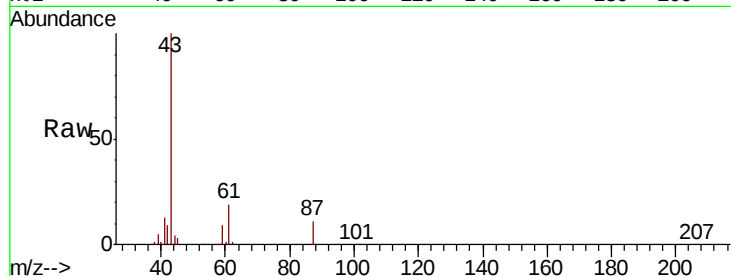
Tot Ion: 43 Resp: 239035

Ion Ratio Lower Upper

43 100

61 19.3 15.0 22.4

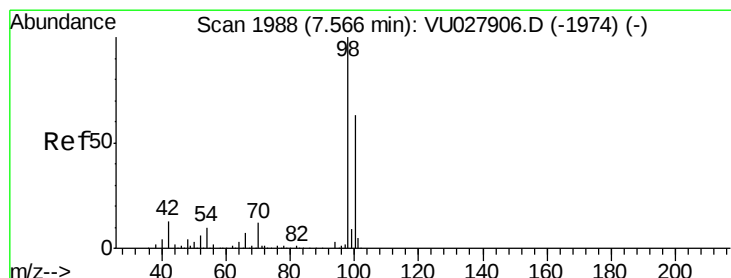
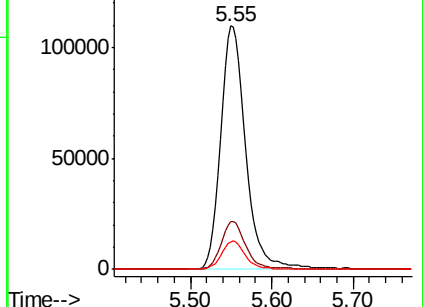
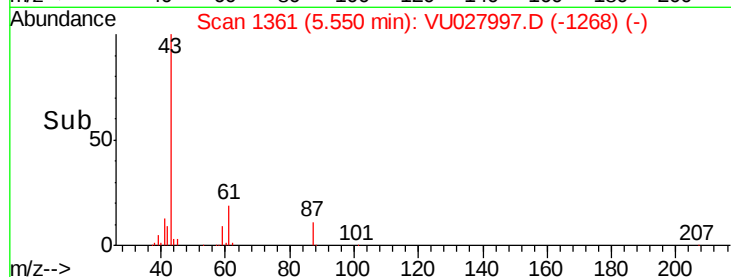
87 10.9 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027997.D (-1268) (-)

Ion 61.00 (60.70 to 61.70): VU027997.D (-1268) (-)

Ion 87.00 (86.70 to 87.70): VU027997.D (-1268) (-)



#50

Toluene-d8

Concen: 53.121 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027997.D

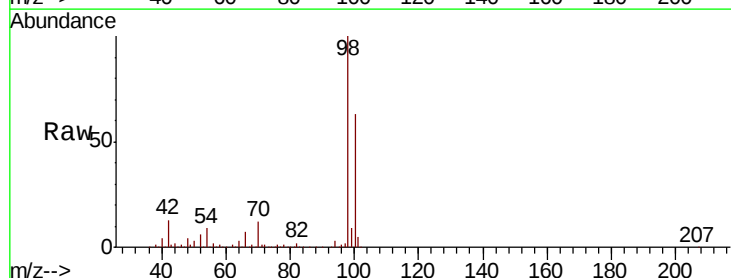
Acq: 07 Nov 2018 11:53

Tgt Ion: 98 Resp: 502922

Ion Ratio Lower Upper

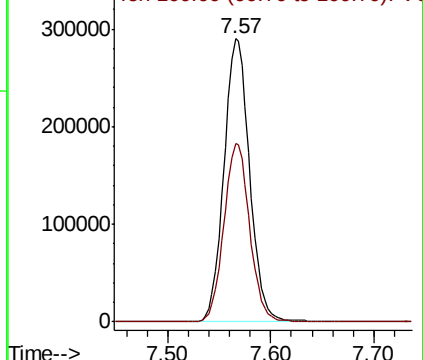
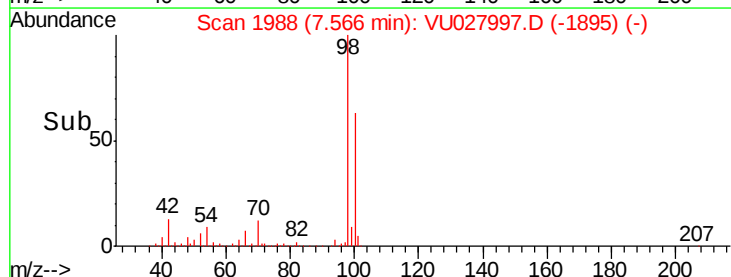
98 100

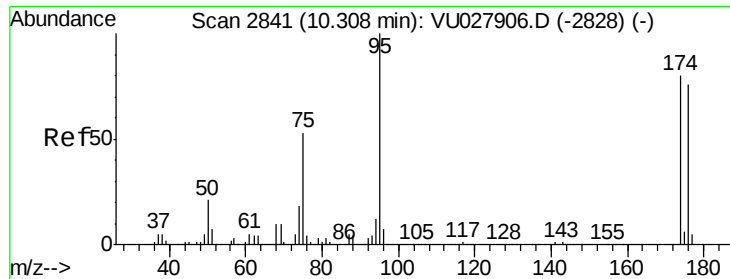
100 63.2 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027997.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU027997.D (-1895) (-)





#62

4-Bromofluorobenzene

Concen: 47.105 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027997.D

Acq: 07 Nov 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

PB114573ZHE#02

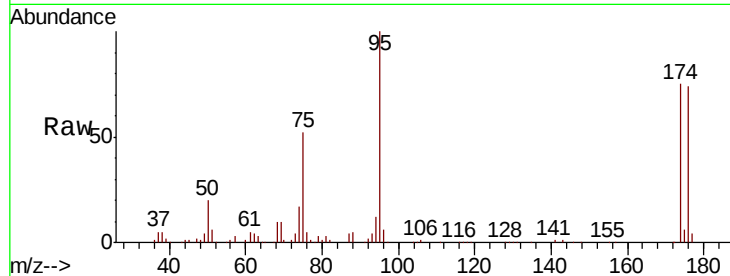
Tot Ion: 95 Resp: 164493

Ion Ratio Lower Upper

95 100

174 77.9 0.0 156.4

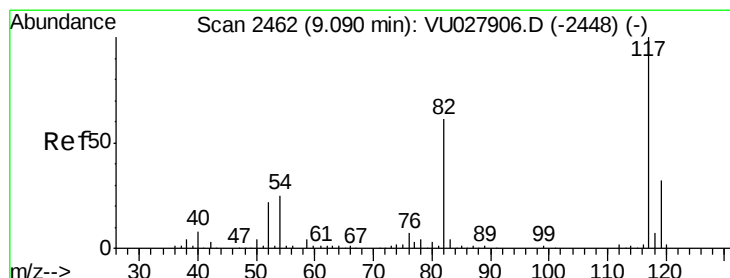
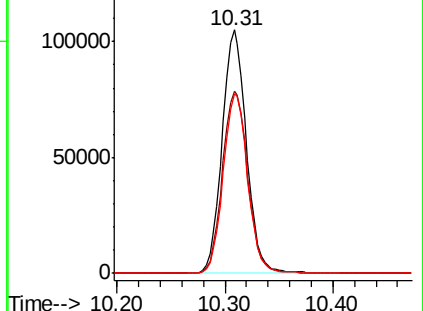
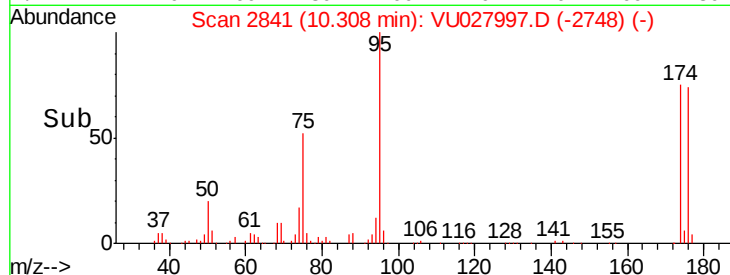
176 74.1 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027997.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027997.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027997.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027997.D

Acq: 07 Nov 2018 11:53

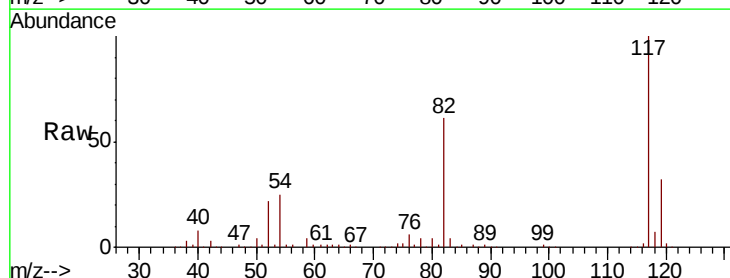
Tgt Ion: 117 Resp: 345200

Ion Ratio Lower Upper

117 100

82 60.8 48.6 73.0

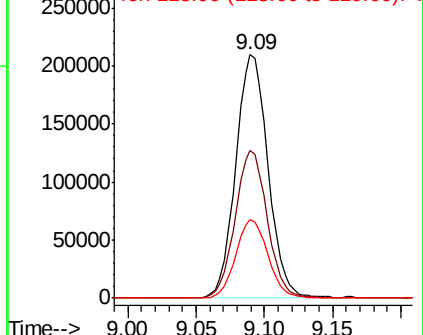
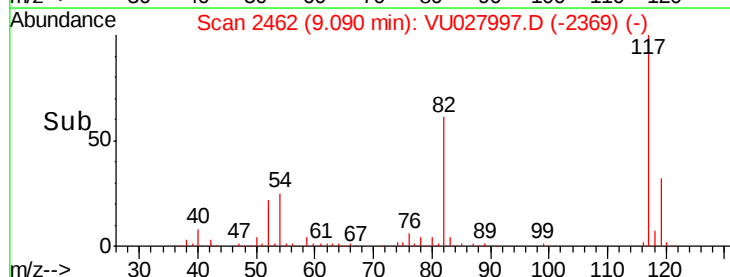
119 32.3 25.8 38.8

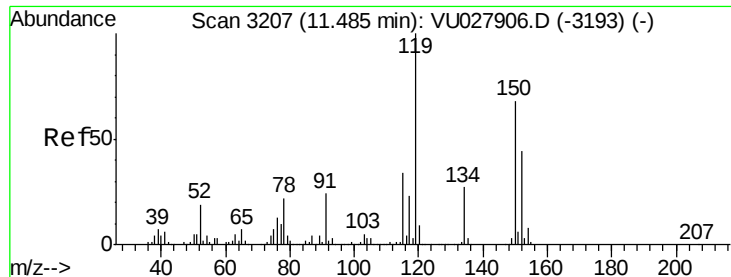


Abundance Ion 116.90 (116.60 to 117.60): VU027997.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU027997.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU027997.D (-2369) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU027997.D

Acq: 07 Nov 2018 11:53

Instrument :

MSVOA_U

ClientSampleId :

PB114573ZHE#02

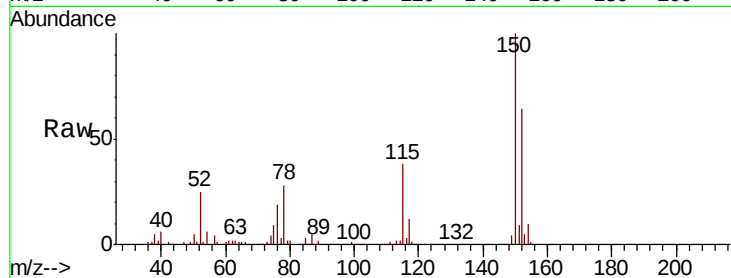
Tot Ion:152 Resp: 141680

Ion Ratio Lower Upper

152 100

115 58.9 43.0 129.0

150 156.3 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

