

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027960.D
 Acq On : 05 Nov 2018 16:18
 Operator : MD/SY
 Sample : PB114473ZHE#15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#15

Quant Time: Nov 06 04:25:21 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

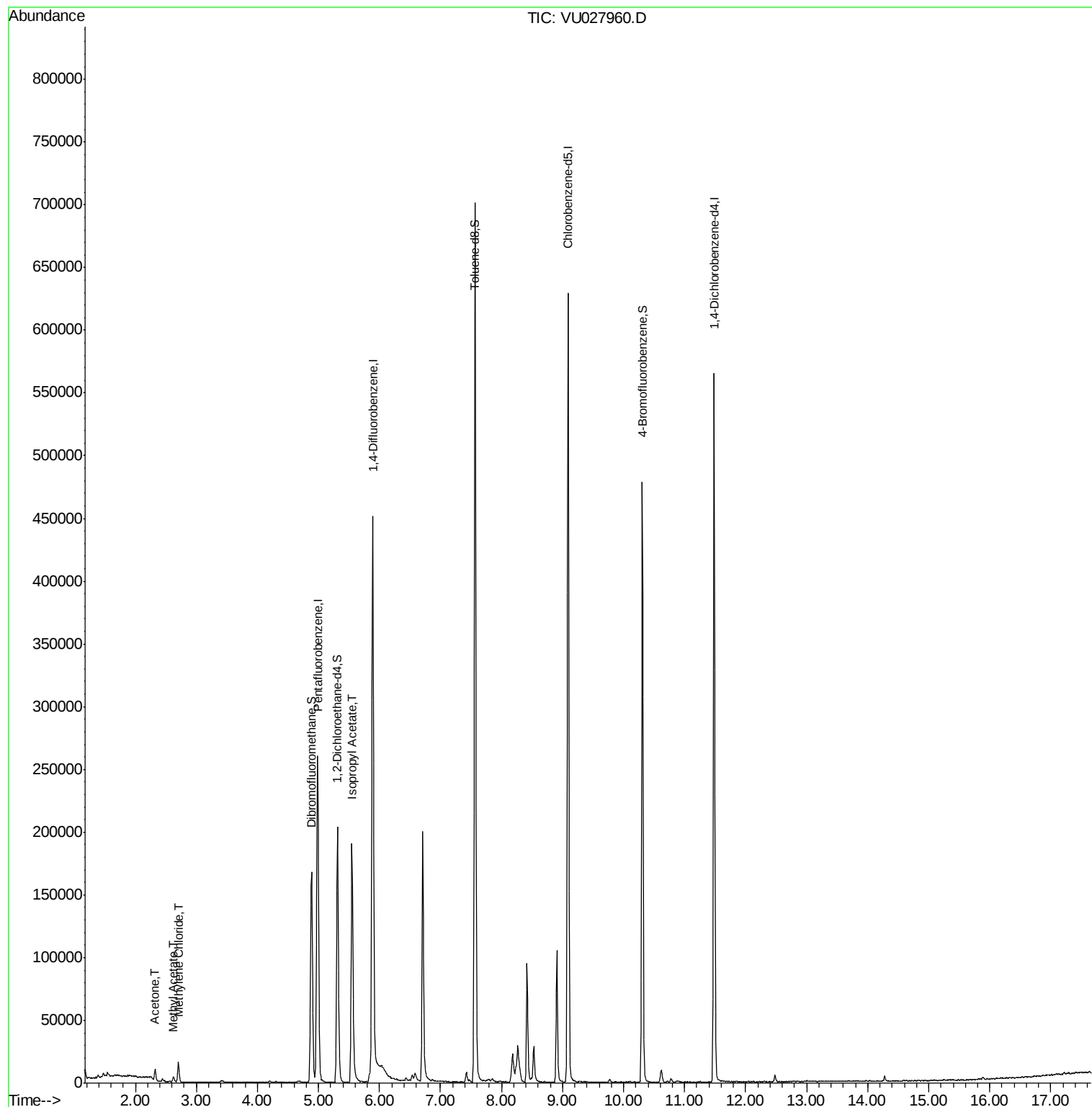
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	359421	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	323489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	141310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	157955	55.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.06%	
35) Dibromofluoromethane	4.89	113	116260	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
50) Toluene-d8	7.57	98	462878	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
62) 4-Bromofluorobenzene	10.31	95	158618	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
Target Compounds						
16) Acetone	2.32	43	9759	5.480	ug/l	89
18) Methyl Acetate	2.62	43	5127	1.047	ug/l	93
20) Methylene Chloride	2.71	84	6888	2.649	ug/l	92
43) Isopropyl Acetate	5.55	43	231746	26.818	ug/l	99

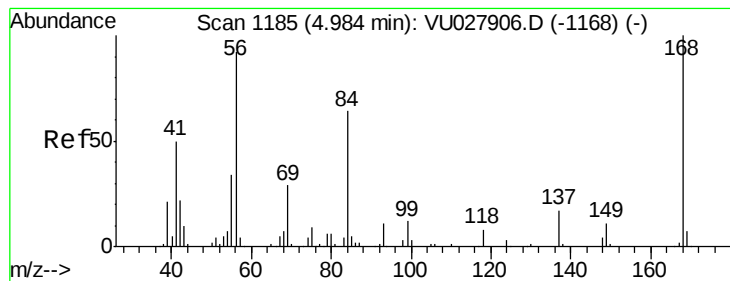
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027960.D

Acq: 05 Nov 2018 16:18

Instrument :

MSVOA_U

ClientSampleId :

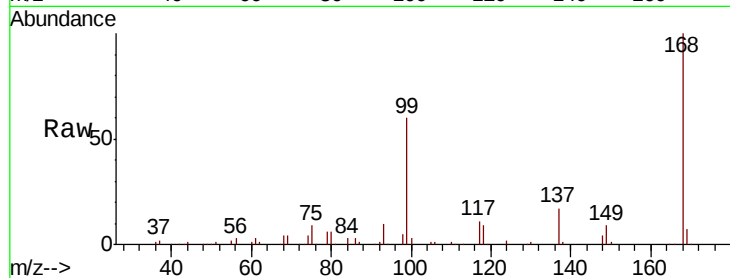
PB114473ZHE#15

Tot Ion:168 Resp: 193071

Ion Ratio Lower Upper

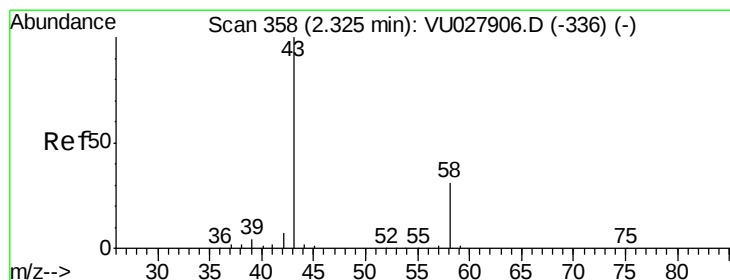
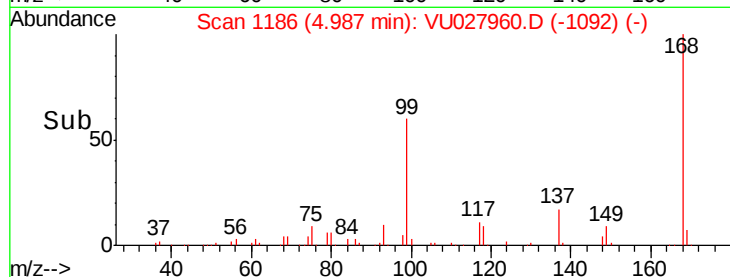
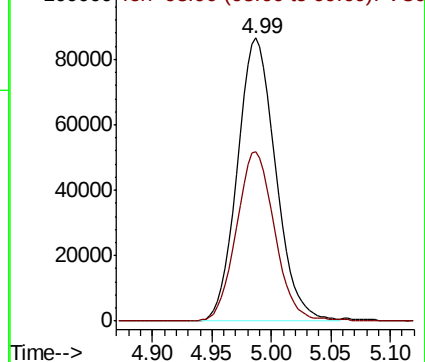
168 100

99 59.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027960.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027960.D (-1168) (-)



#16

Acetone

Concen: 5.480 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027960.D

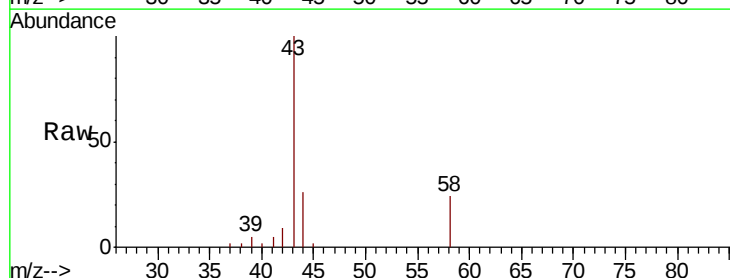
Acq: 05 Nov 2018 16:18

Tgt Ion: 43 Resp: 9759

Ion Ratio Lower Upper

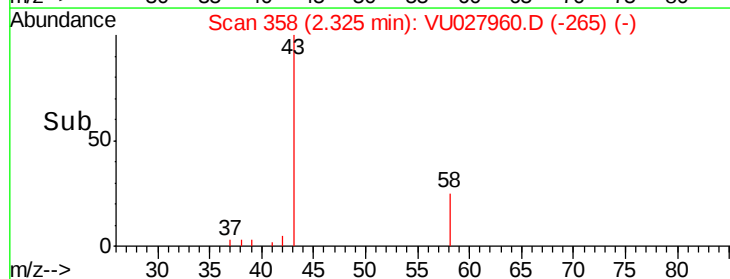
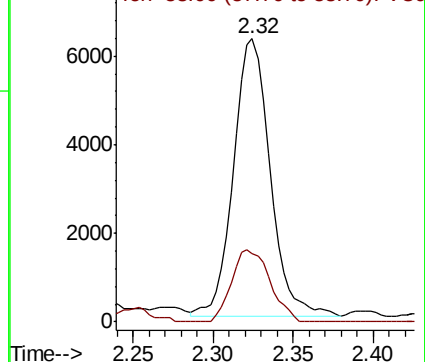
43 100

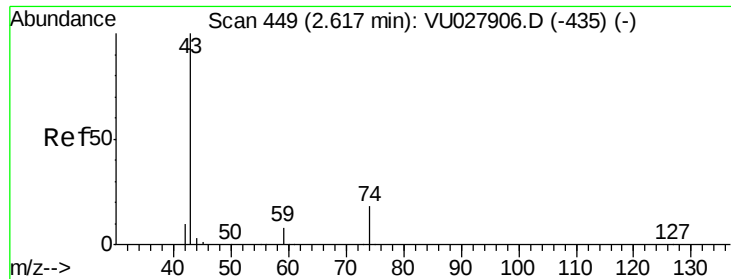
58 24.8 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU027960.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU027960.D (-336) (-)

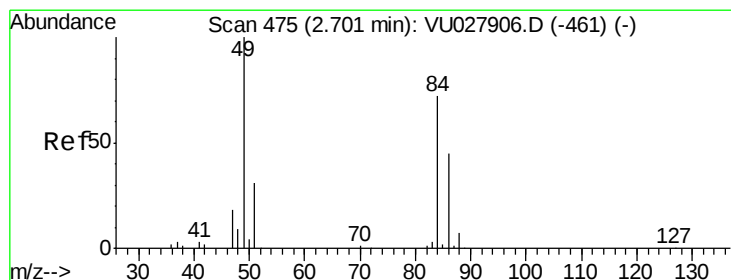
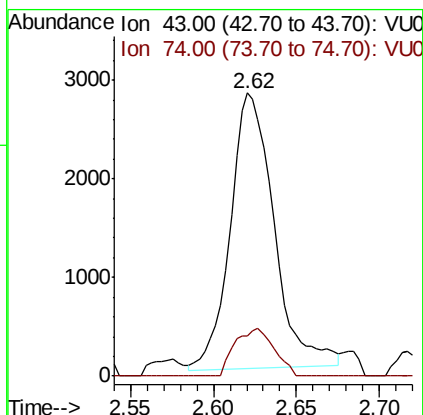
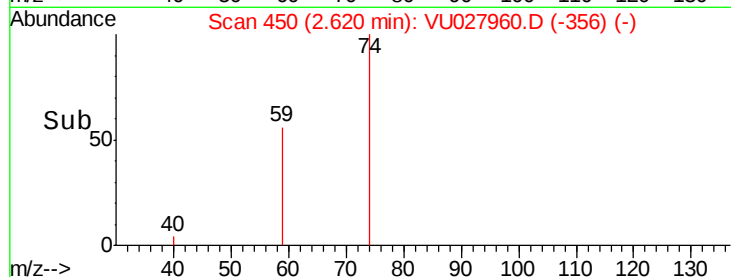
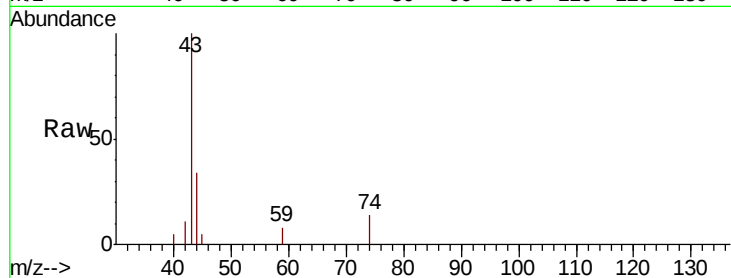




#18
Methyl Acetate
Concen: 1.047 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027960.D
Acq: 05 Nov 2018 16:18

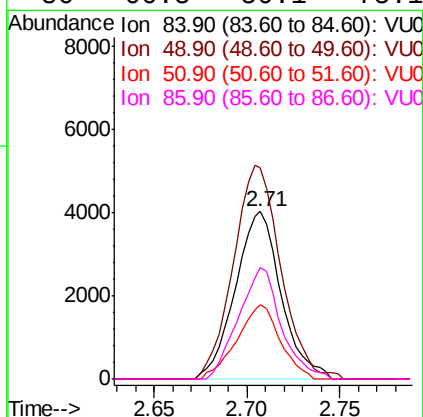
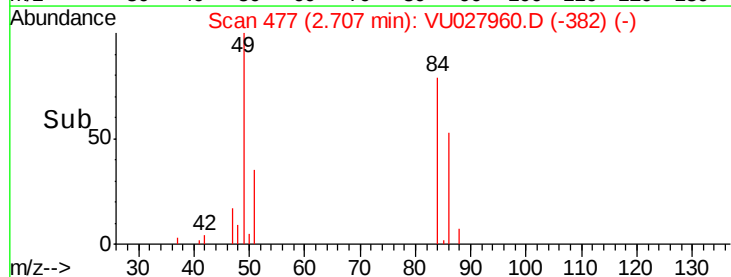
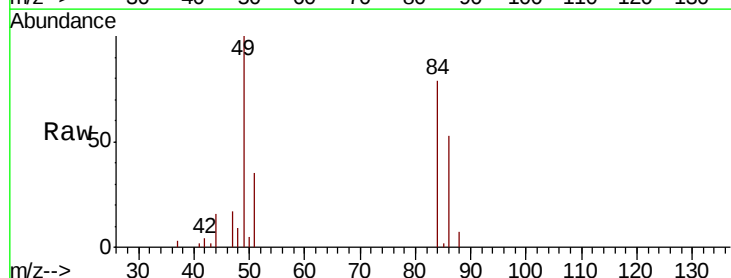
Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#15

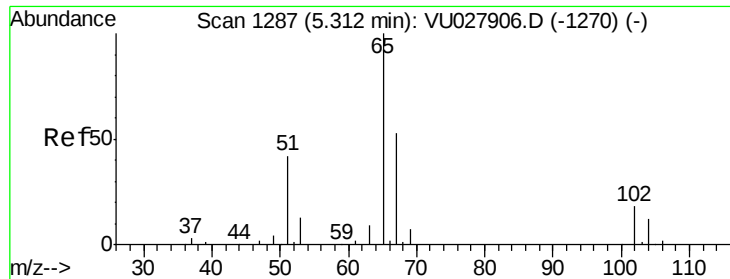
Tot Ion: 43 Resp: 5127
Ion Ratio Lower Upper
43 100
74 15.4 14.9 22.3



#20
Methylene Chloride
Concen: 2.649 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027960.D
Acq: 05 Nov 2018 16:18

Tgt Ion: 84 Resp: 6888
Ion Ratio Lower Upper
84 100
49 126.2 111.6 167.4
51 44.7 34.8 52.2
86 66.5 50.1 75.1

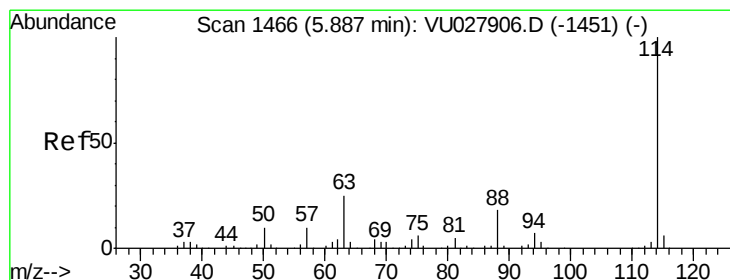
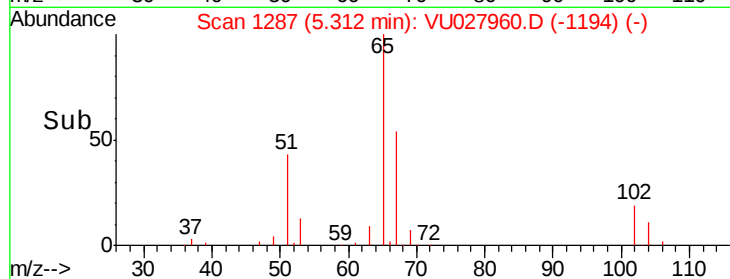
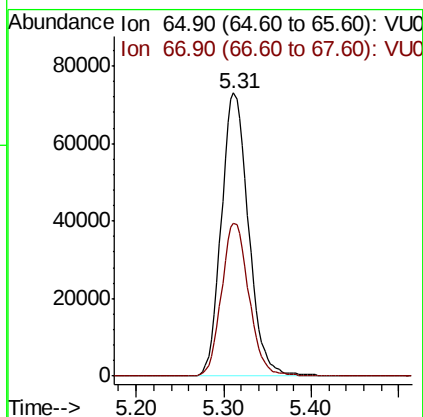
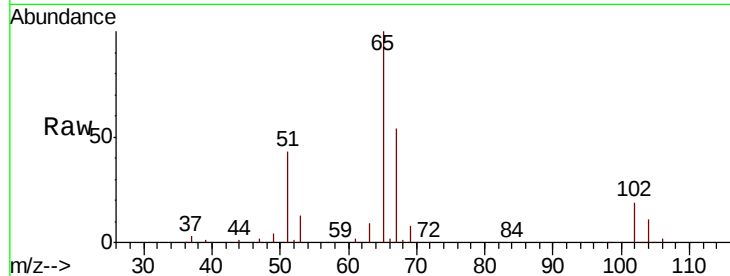




#33
 1,2-Dichloroethane-d4
 Concen: 55.027 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027960.D
 Acq: 05 Nov 2018 16:18

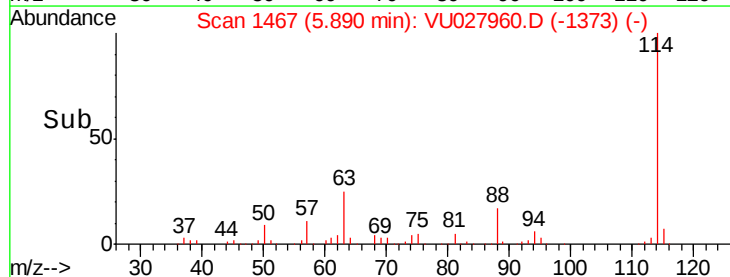
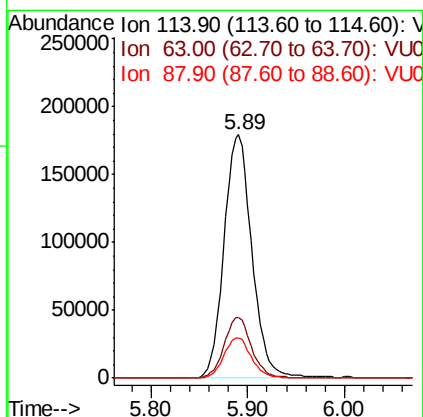
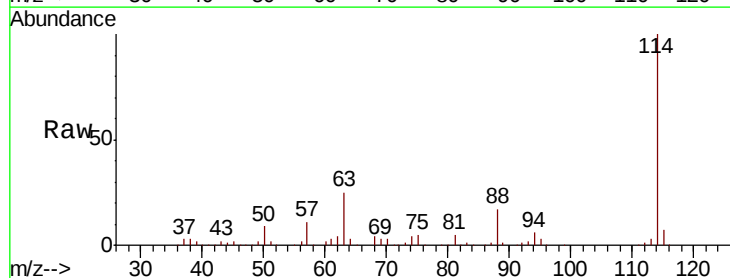
Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#15

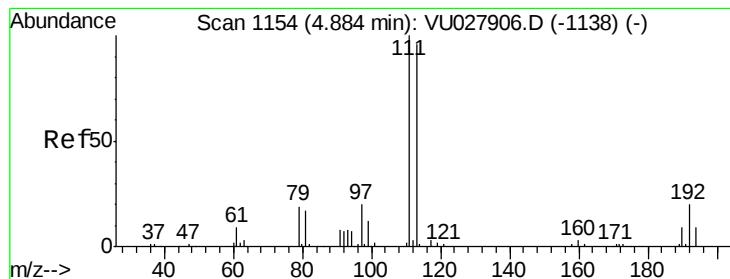
Tot Ion: 65 Resp: 157955
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027960.D
 Acq: 05 Nov 2018 16:18

Tgt Ion: 114 Resp: 359421
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.8
 88 16.7 0.0 35.8





#35

Dibromofluoromethane

Concen: 51.302 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027960.D

Acq: 05 Nov 2018 16:18

Instrument :

MSVOA_U

ClientSampleId :

PB114473ZHE#15

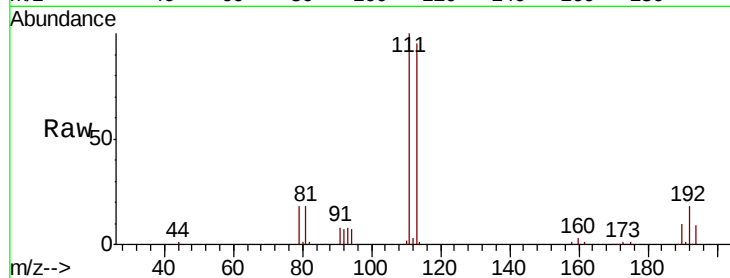
Tot Ion:113 Resp: 116260

Ion Ratio Lower Upper

113 100

111 105.1 83.0 124.6

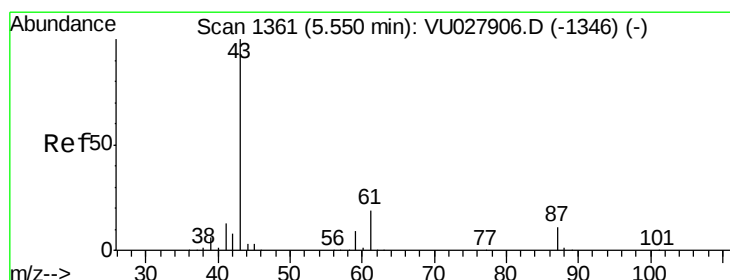
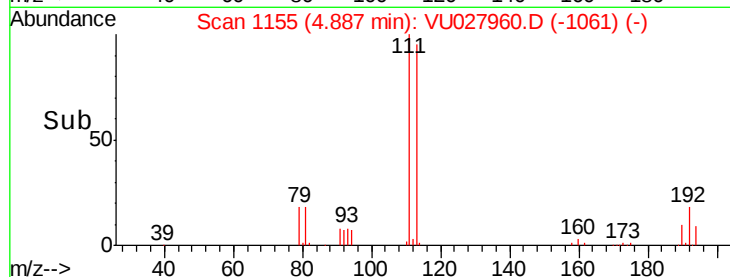
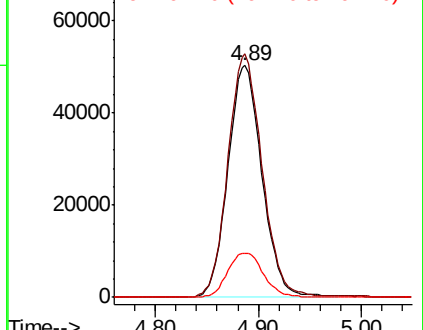
192 20.1 15.6 23.4



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



#43

Isopropyl Acetate

Concen: 26.818 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU027960.D

Acq: 05 Nov 2018 16:18

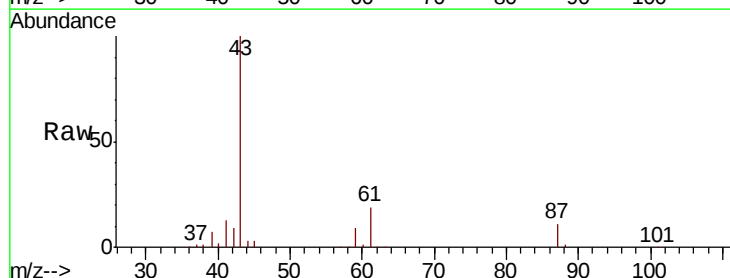
Tgt Ion: 43 Resp: 231746

Ion Ratio Lower Upper

43 100

61 18.9 15.0 22.4

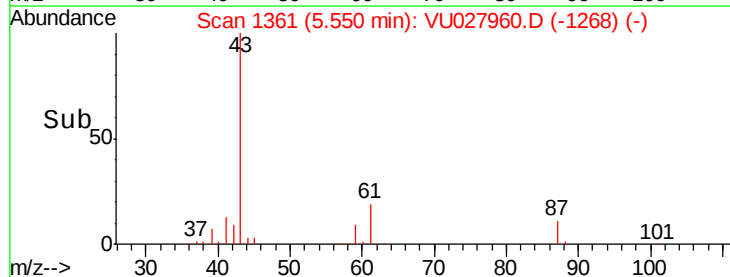
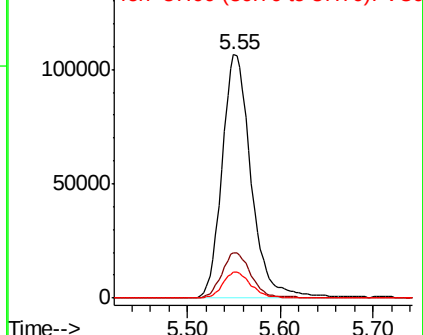
87 10.4 8.6 12.8

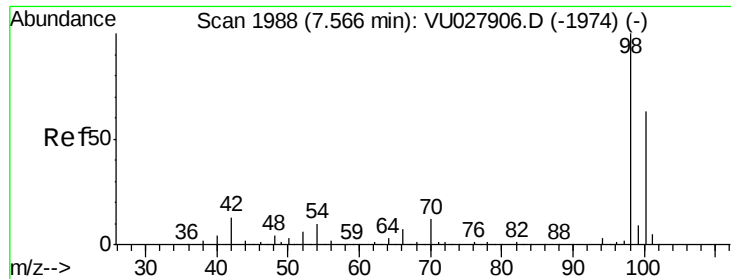


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#50

Toluene-d8

Concen: 52.875 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027960.D

Acq: 05 Nov 2018 16:18

Instrument :

MSVOA_U

ClientSampleId :

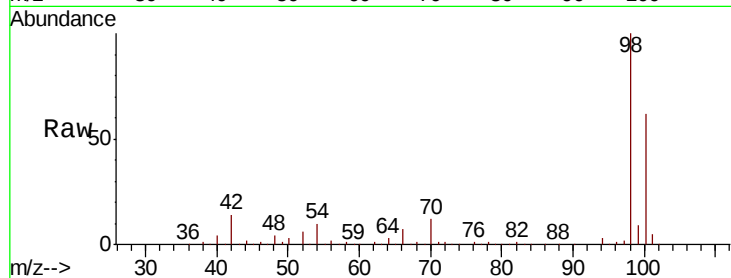
PB114473ZHE#15

Tot Ion: 98 Resp: 462878

Ion Ratio Lower Upper

98 100

100 62.4 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

7.57

250000

200000

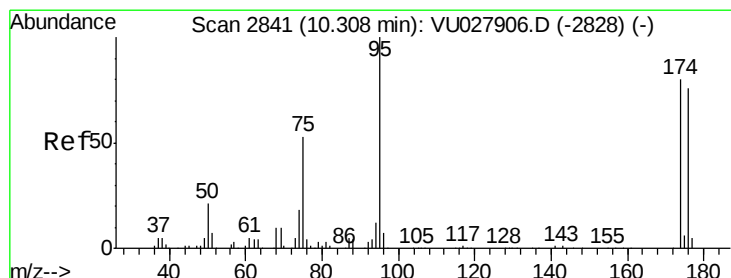
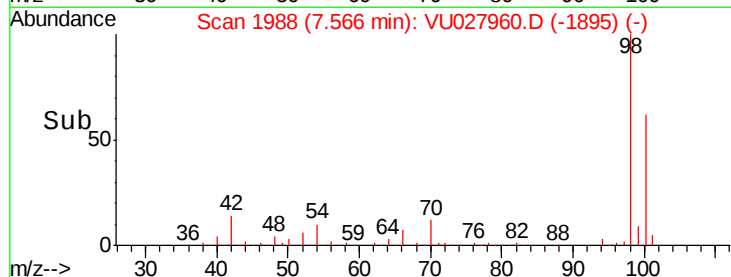
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.124 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027960.D

Acq: 05 Nov 2018 16:18

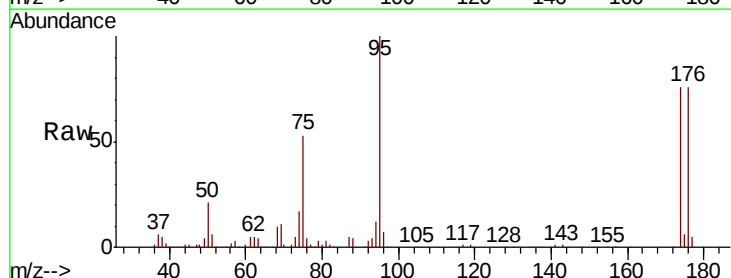
Tgt Ion: 95 Resp: 158618

Ion Ratio Lower Upper

95 100

174 76.2 0.0 156.4

176 75.5 0.0 150.8



Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

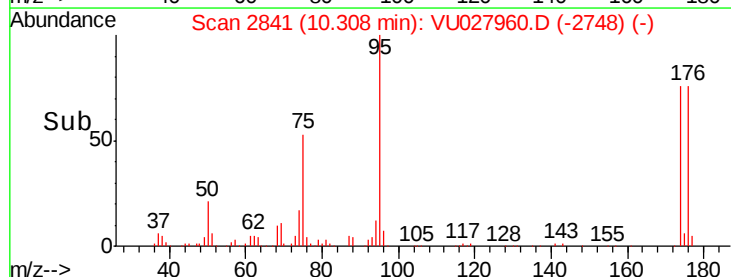
10.31

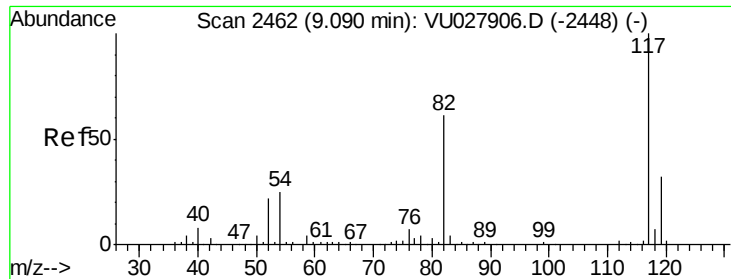
100000

50000

0

Time-->

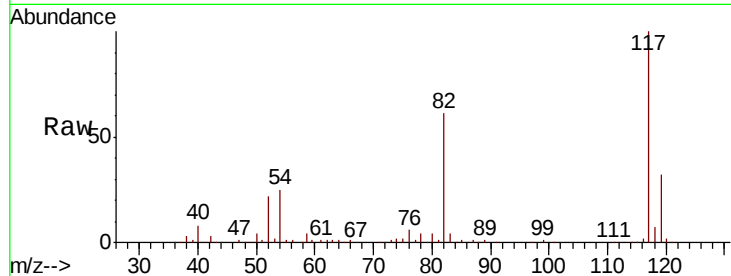




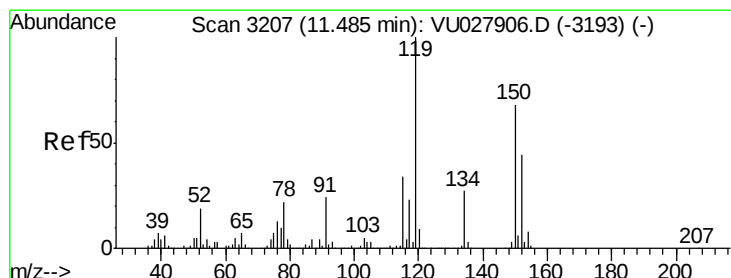
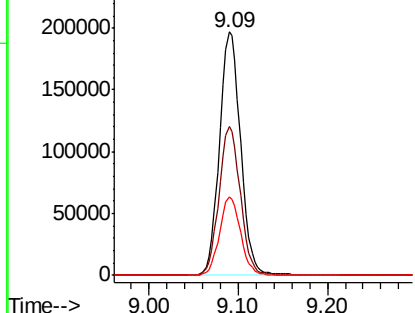
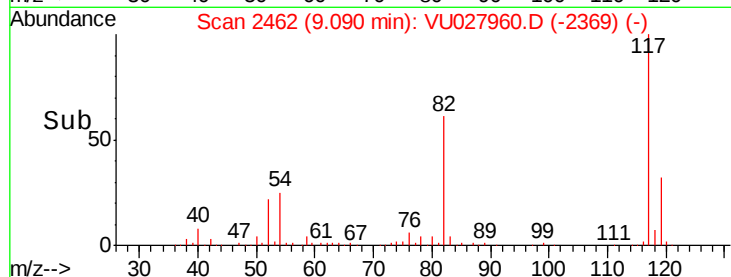
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027960.D
Acq: 05 Nov 2018 16:18

Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#15

Tot Ion:117 Resp: 323489
Ion Ratio Lower Upper
117 100
82 61.1 48.6 73.0
119 32.2 25.8 38.8

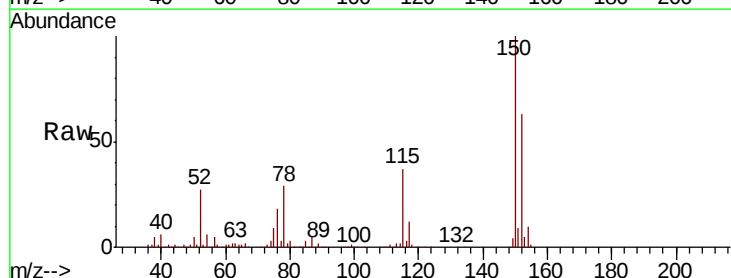


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU027960.D (-2369) (-)
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027960.D
Acq: 05 Nov 2018 16:18

Tgt Ion:152 Resp: 141310
Ion Ratio Lower Upper
152 100
115 59.6 43.0 129.0
150 156.9 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): VU027960.D (-3114) (-)
Ion 149.90 (149.60 to 150.60): V

