

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027962.D
 Acq On : 05 Nov 2018 17:05
 Operator : MD/SY
 Sample : PB114473ZHE#17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#17

Quant Time: Nov 06 04:38:59 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

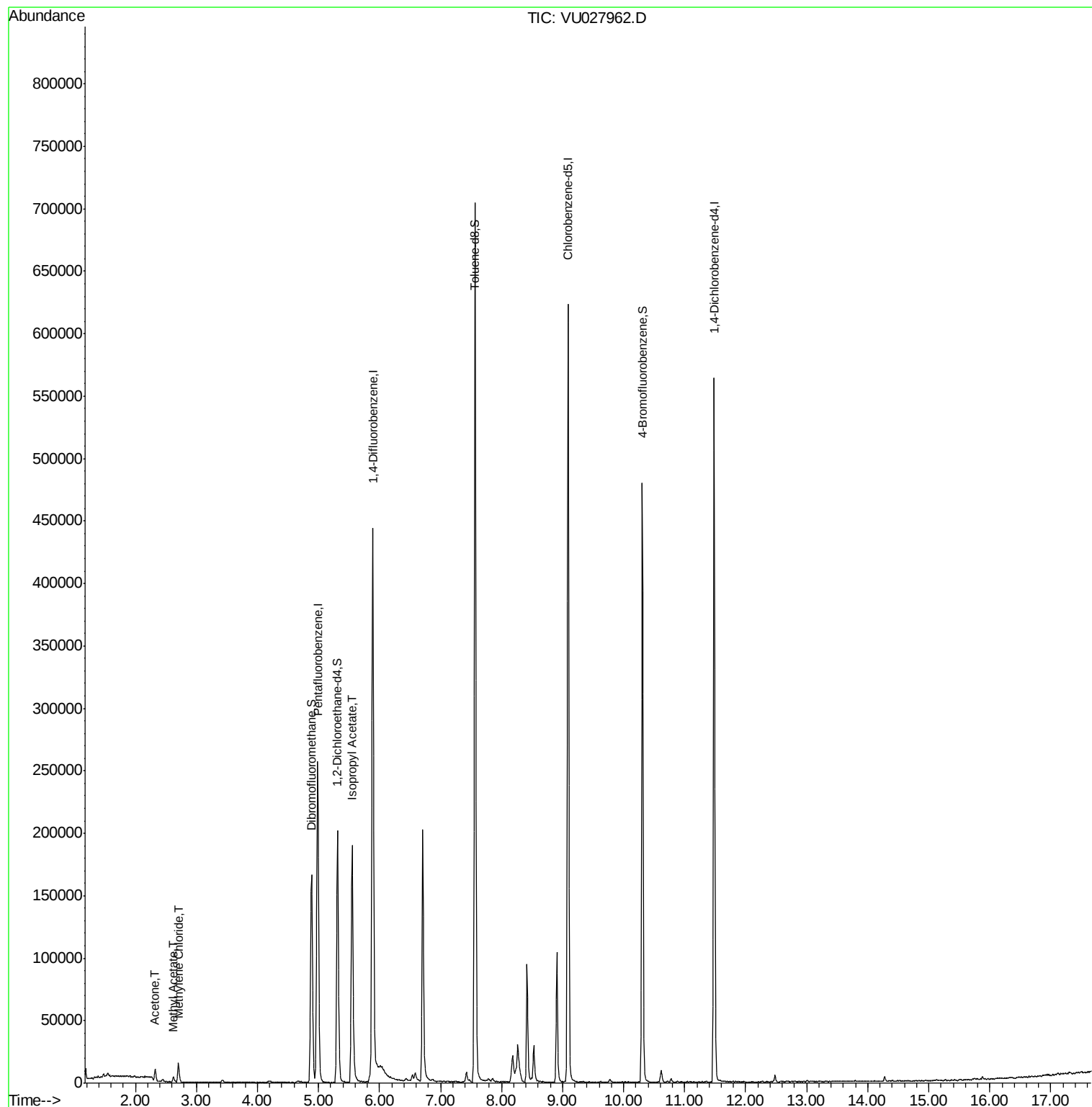
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	357106	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	321709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	139378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	154880	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
35) Dibromofluoromethane	4.89	113	117173	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
50) Toluene-d8	7.57	98	461729	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	10.31	95	158570	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
Target Compounds						
16) Acetone	2.32	43	9791	5.496	ug/l	91
18) Methyl Acetate	2.62	43	5656	1.154	ug/l	97
20) Methylene Chloride	2.70	84	6270	2.410	ug/l	97
43) Isopropyl Acetate	5.55	43	233223	27.164	ug/l	100

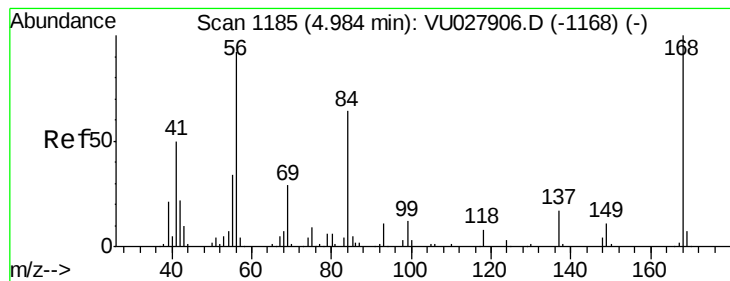
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027962.D

Acq: 05 Nov 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

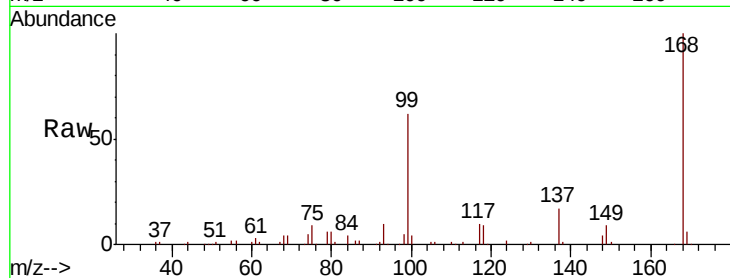
PB114473ZHE#17

Tot Ion:168 Resp: 193131

Ion Ratio Lower Upper

168 100

99 62.3 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

4.99

80000

60000

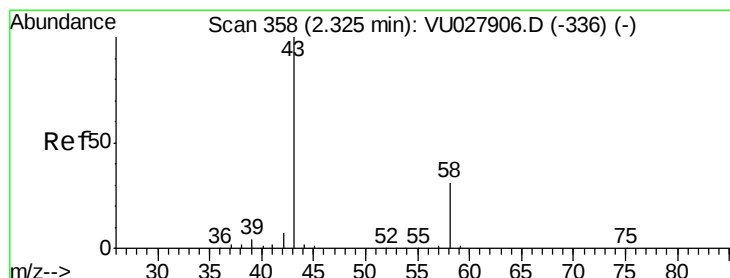
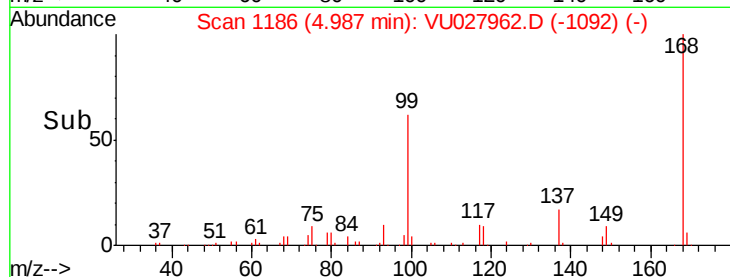
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 5.496 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027962.D

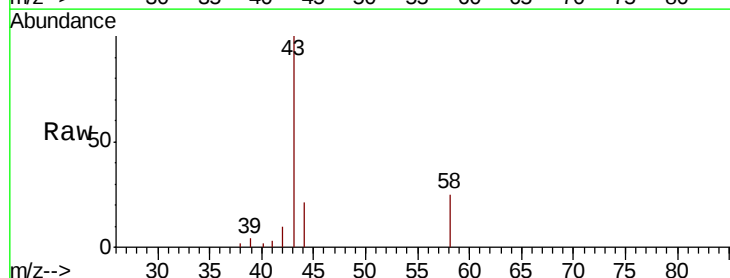
Acq: 05 Nov 2018 17:05

Tgt Ion: 43 Resp: 9791

Ion Ratio Lower Upper

43 100

58 26.0 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU027906.D (-336) (-)

2.32

6000

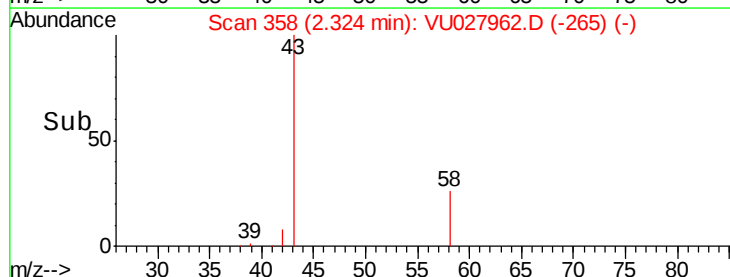
4000

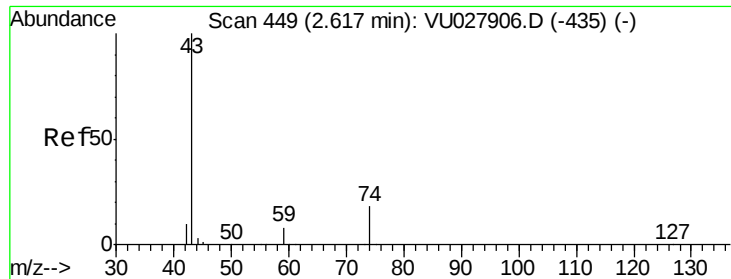
2000

0

Time-->

2.30 2.35

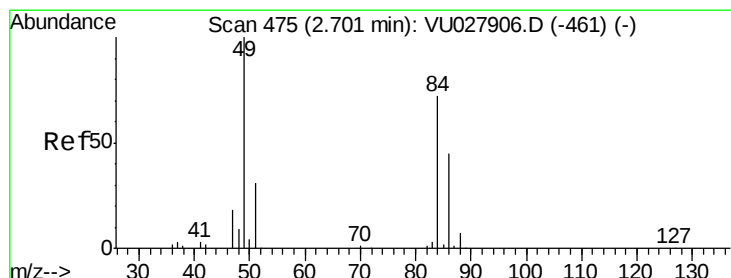
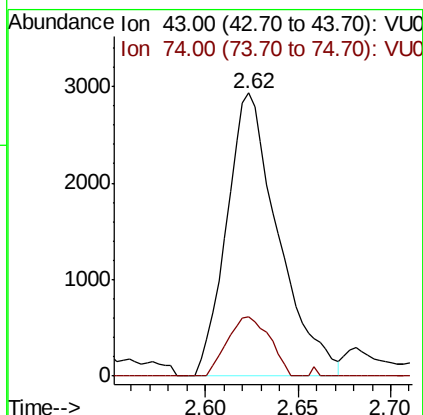
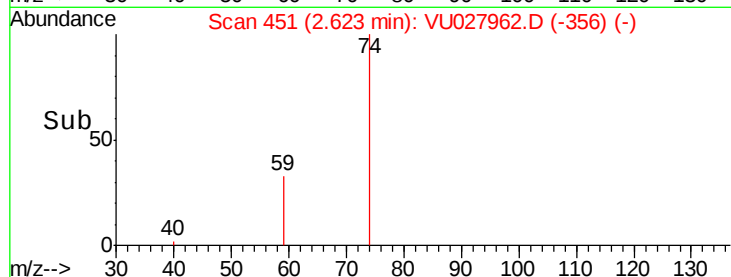
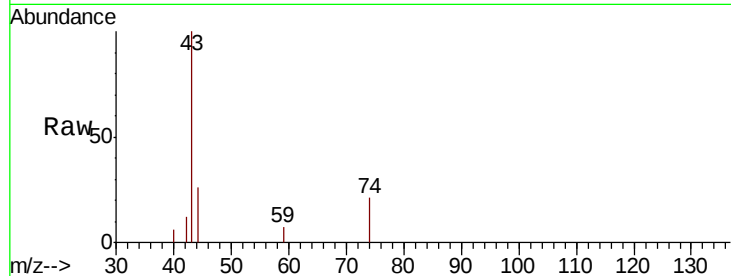




#18
Methyl Acetate
Concen: 1.154 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027962.D
Acq: 05 Nov 2018 17:05

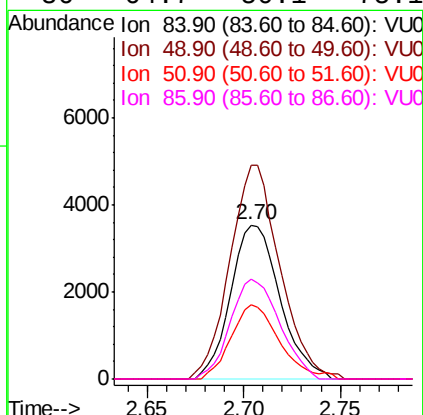
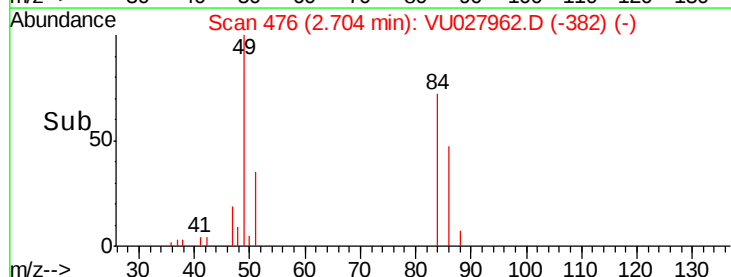
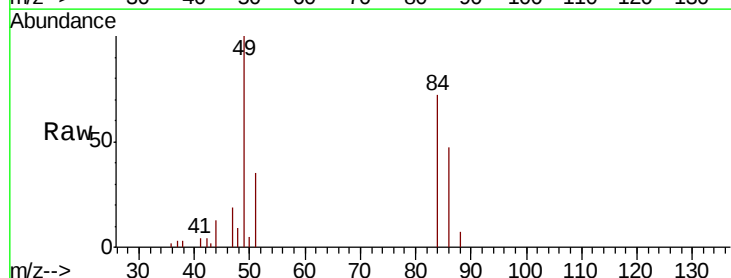
Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#17

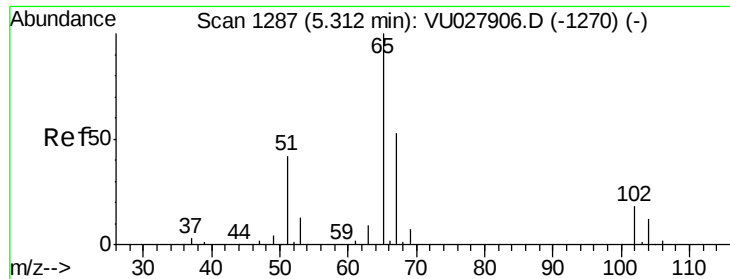
Tot Ion: 43 Resp: 5656
Ion Ratio Lower Upper
43 100
74 17.3 14.9 22.3



#20
Methylene Chloride
Concen: 2.410 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027962.D
Acq: 05 Nov 2018 17:05

Tgt Ion: 84 Resp: 6270
Ion Ratio Lower Upper
84 100
49 138.6 111.6 167.4
51 48.6 34.8 52.2
86 64.7 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 53.939 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027962.D

Acq: 05 Nov 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

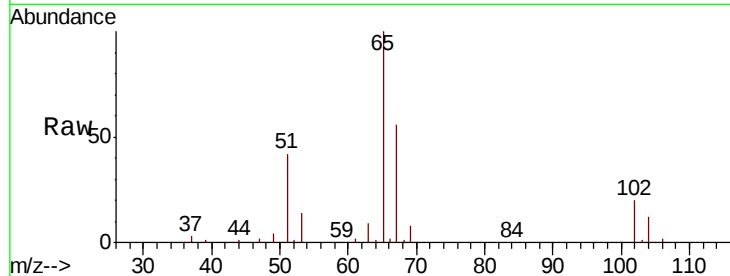
PB114473ZHE#17

Tot Ion: 65 Resp: 154880

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.0

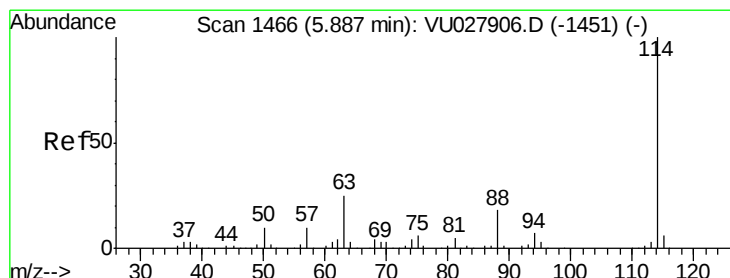
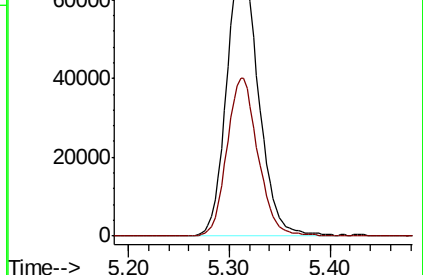
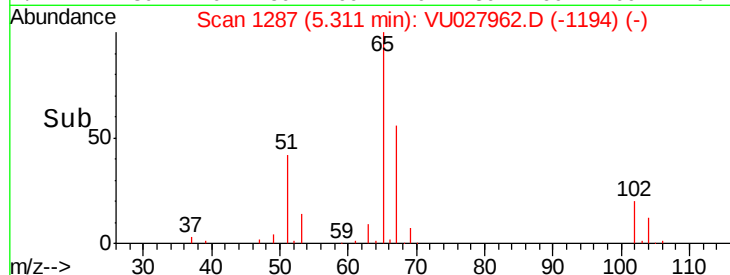


Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

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

5.31

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027962.D

Acq: 05 Nov 2018 17:05

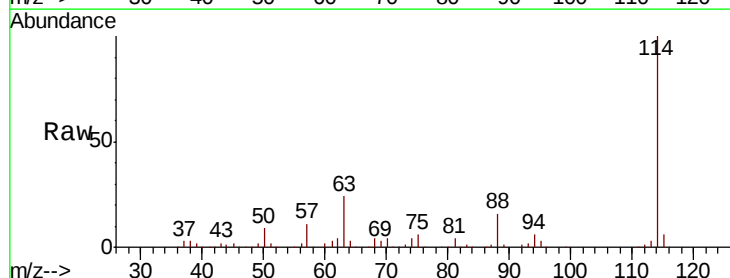
Tgt Ion: 114 Resp: 357106

Ion Ratio Lower Upper

114 100

63 24.0 0.0 50.8

88 16.5 0.0 35.8



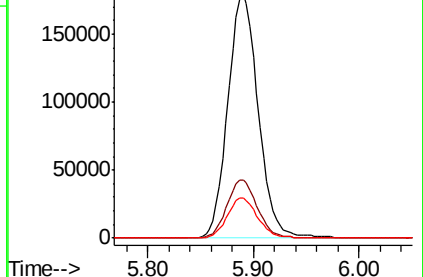
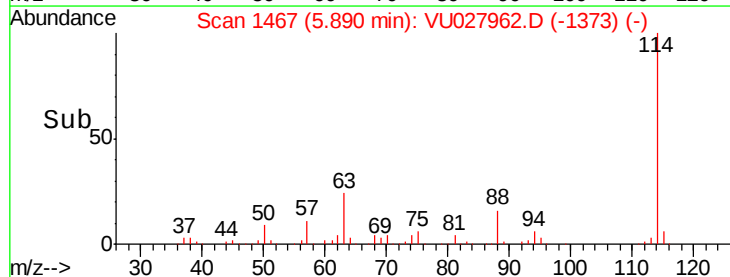
Abundance Ion 113.90 (113.60 to 114.60): VU027906.D (-1451) (-)

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

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

5.89

Time-->

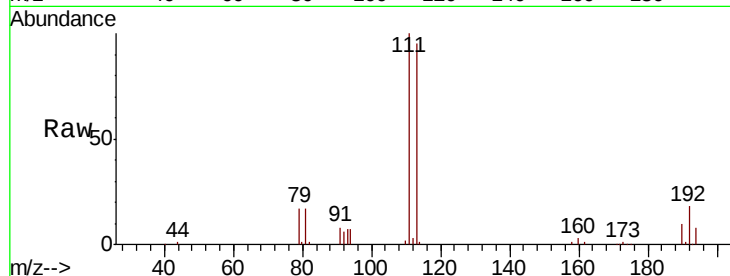




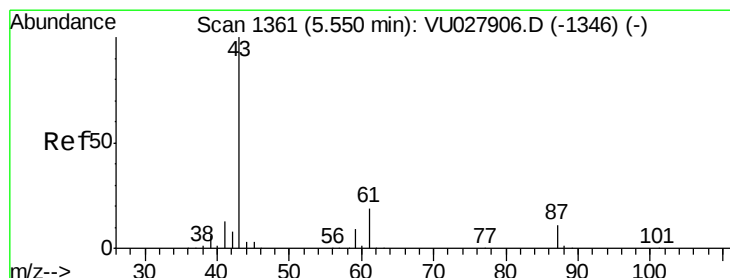
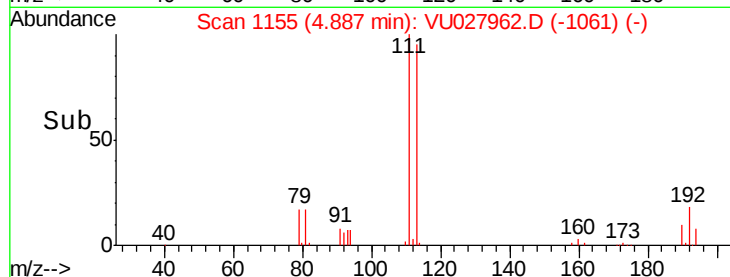
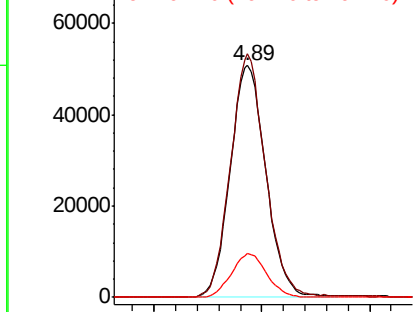
#35
 Dibromofluoromethane
 Concen: 52.040 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027962.D
 Acq: 05 Nov 2018 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#17

Tot Ion:113 Resp: 117173
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.0 124.6
 192 18.8 15.6 23.4

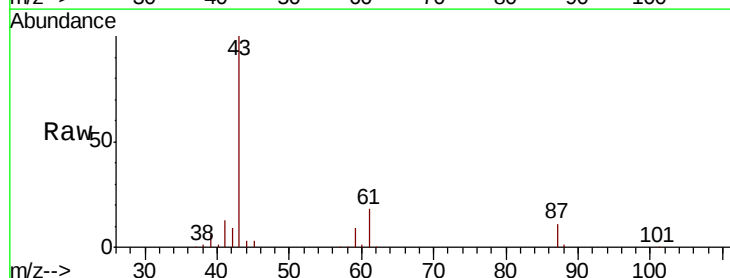


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

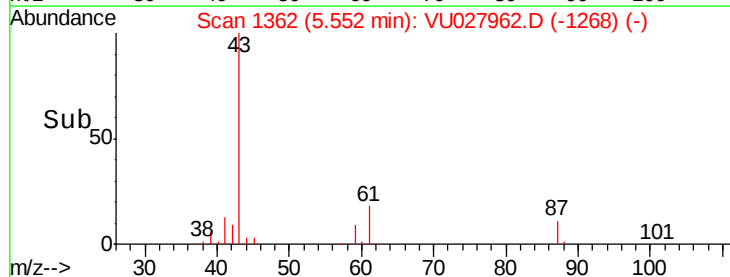
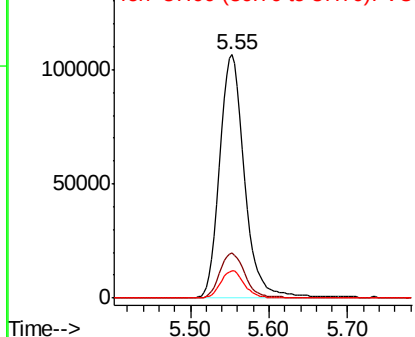


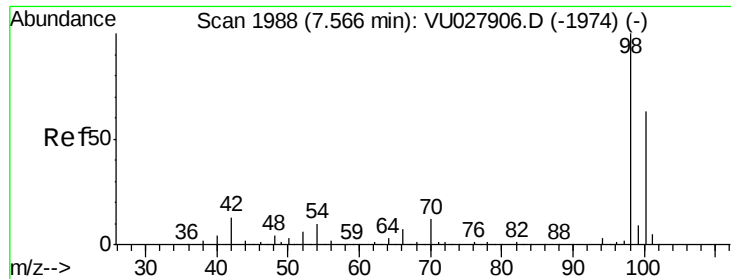
#43
 Isopropyl Acetate
 Concen: 27.164 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027962.D
 Acq: 05 Nov 2018 17:05

Tgt Ion: 43 Resp: 233223
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.0 22.4
 87 10.7 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: 53.086 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027962.D

Acq: 05 Nov 2018 17:05

Instrument :

MSVOA_U

ClientSampleId :

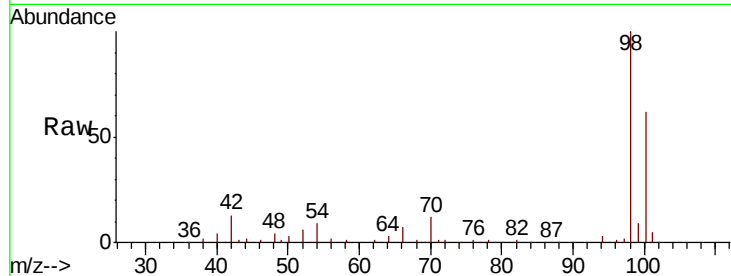
PB114473ZHE#17

Tot Ion: 98 Resp: 461729

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

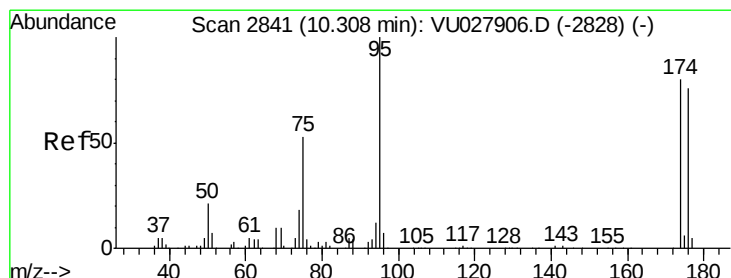
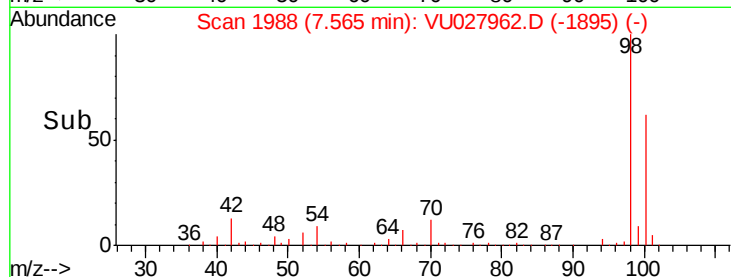
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.428 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027962.D

Acq: 05 Nov 2018 17:05

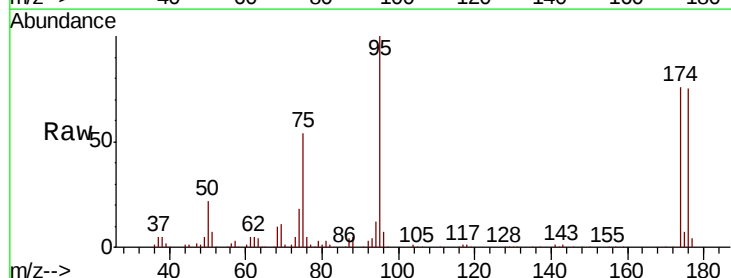
Tgt Ion: 95 Resp: 158570

Ion Ratio Lower Upper

95 100

174 75.5 0.0 156.4

176 74.4 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) (-)

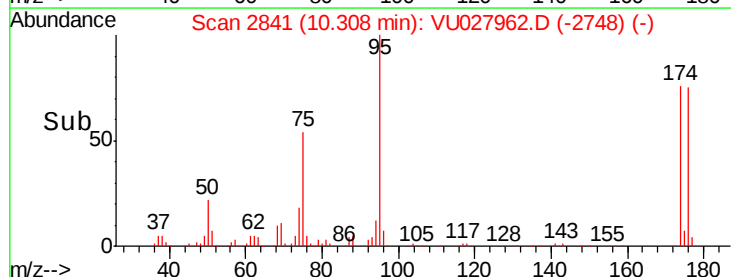
10.31

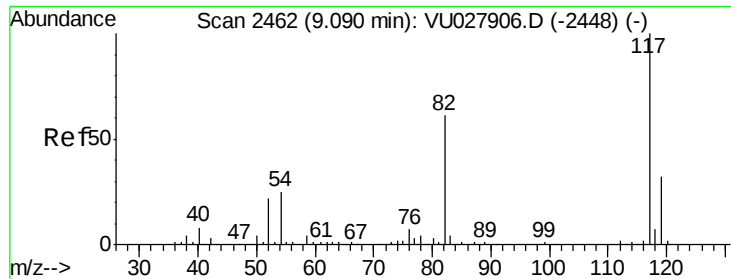
100000

50000

0

Time-->

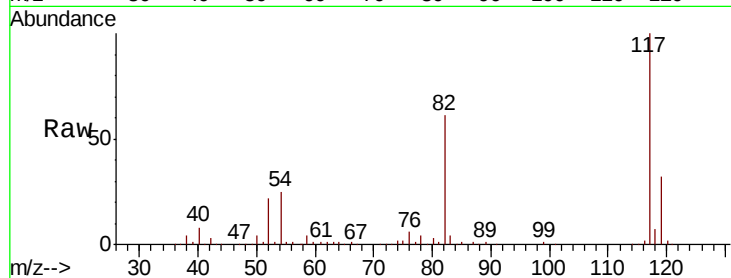




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027962.D
Acq: 05 Nov 2018 17:05

Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#17

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	48.6	73.0
119	31.7	25.8	38.8

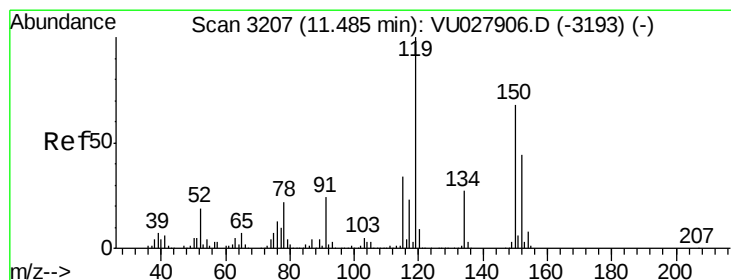
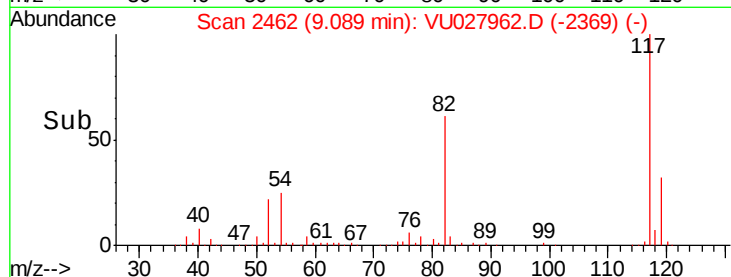
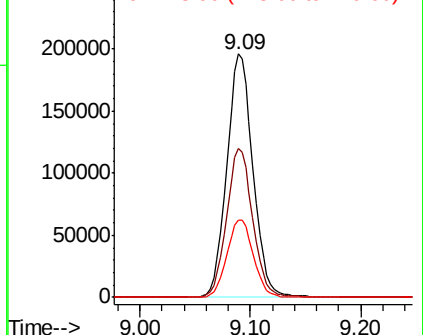


Abundance

Ion 116.90 (116.60 to 117.60): V

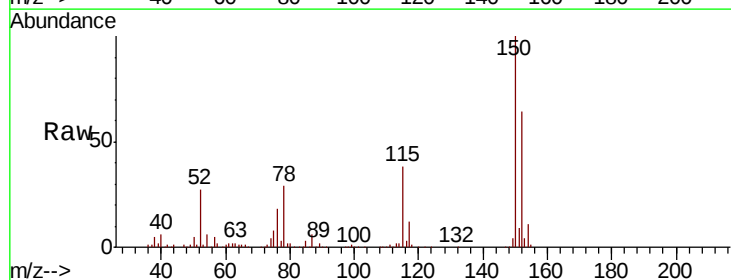
Ion 82.00 (81.70 to 82.70): V

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: VU027962.D
Acq: 05 Nov 2018 17:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	43.0	129.0
150	158.5	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

