

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027957.D
 Acq On : 05 Nov 2018 15:09
 Operator : MD/SY
 Sample : PB114473ZHE#12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#12

Quant Time: Nov 06 04:20:18 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

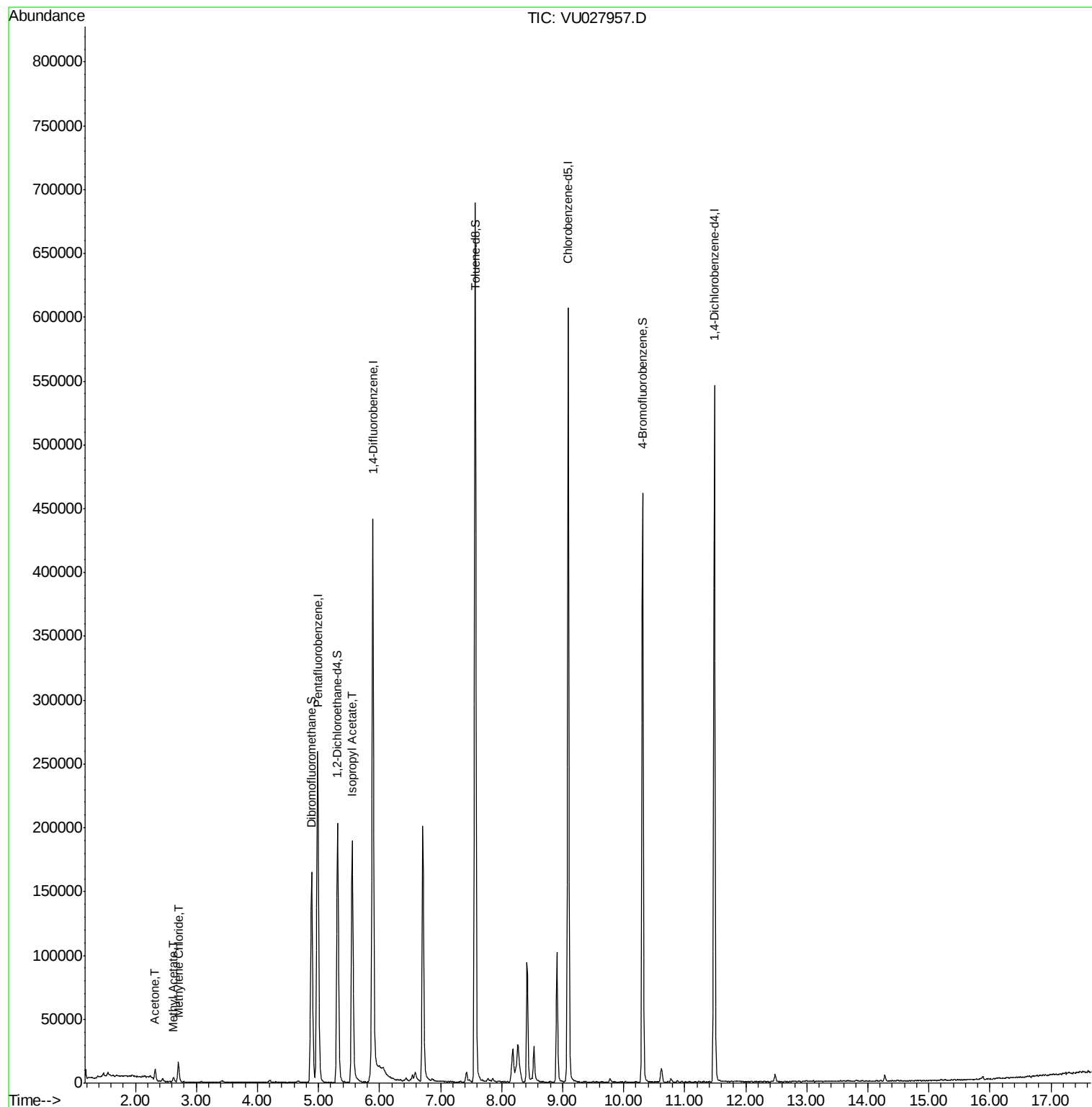
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	350010	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	312040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	136774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	154891	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
35) Dibromofluoromethane	4.89	113	114182	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	7.57	98	448663	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	10.31	95	152757	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
16) Acetone	2.32	43	10351	5.824	ug/l	99
18) Methyl Acetate	2.62	43	5503	1.126	ug/l #	91
20) Methylene Chloride	2.71	84	6494	2.503	ug/l	97
43) Isopropyl Acetate	5.55	43	232226	27.597	ug/l	99

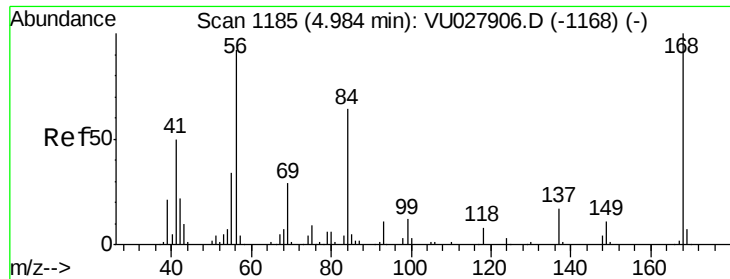
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027957.D

Acq: 05 Nov 2018 15:09

Instrument :

MSVOA_U

ClientSampleId :

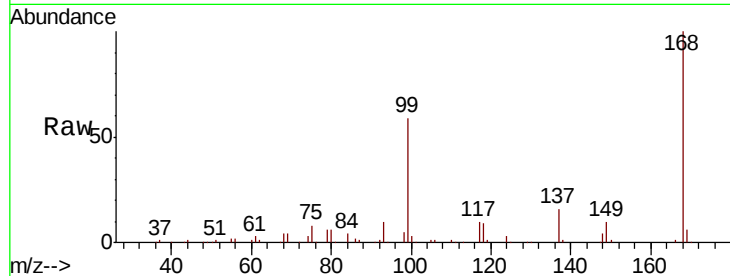
PB114473ZHE#12

Tot Ion:168 Resp: 192664

Ion Ratio Lower Upper

168 100

99 58.8 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

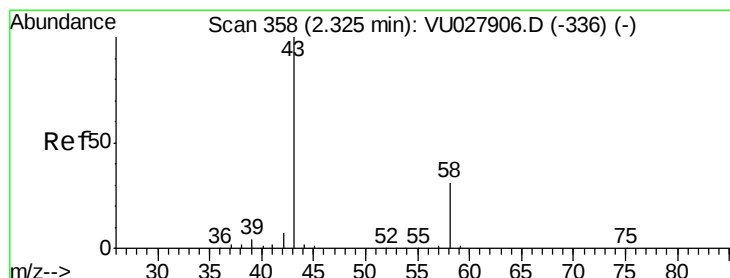
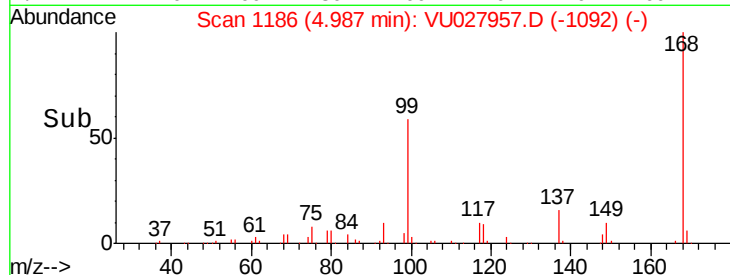
40000

20000

0

Time-->

4.90 5.00 5.10



#16

Acetone

Concen: 5.824 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027957.D

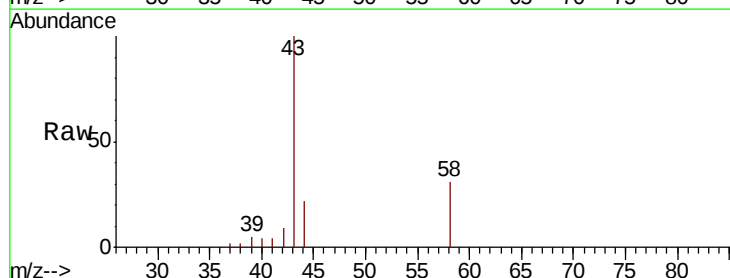
Acq: 05 Nov 2018 15:09

Tgt Ion: 43 Resp: 10351

Ion Ratio Lower Upper

43 100

58 31.3 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

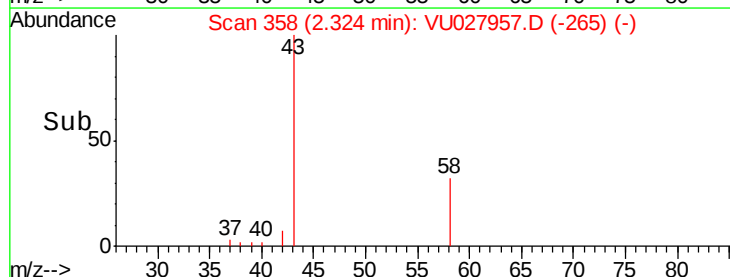
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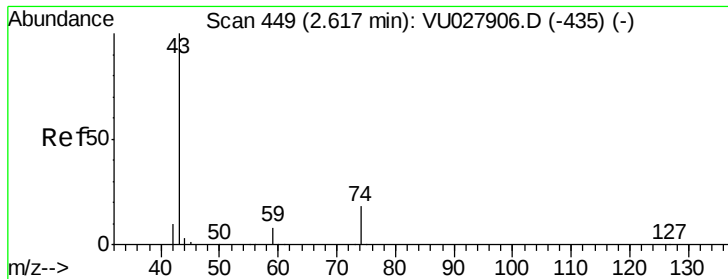
2000

0

Time-->

2.25 2.30 2.35 2.40 2.45

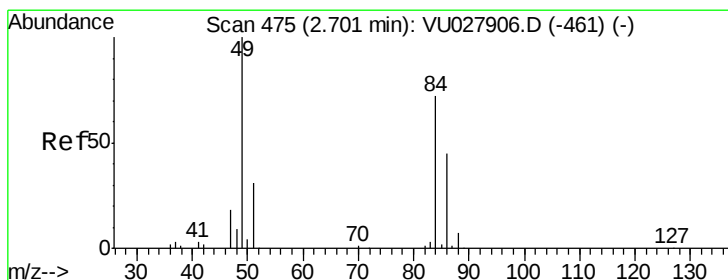
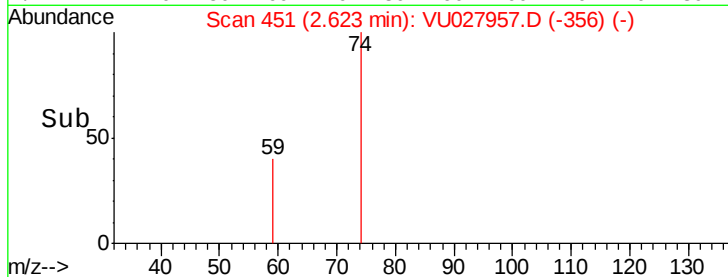
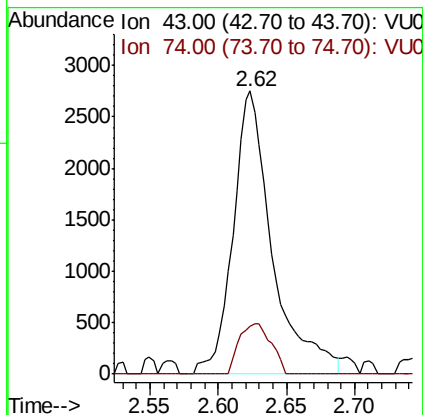
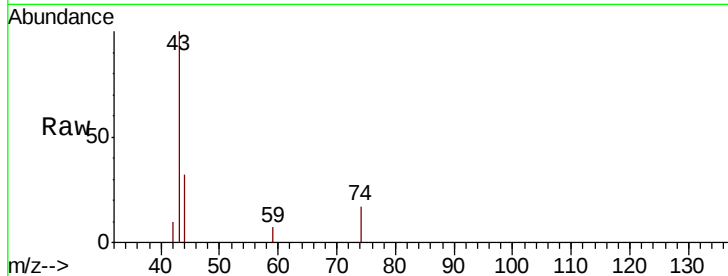




#18
Methyl Acetate
Concen: 1.126 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027957.D
Acq: 05 Nov 2018 15:09

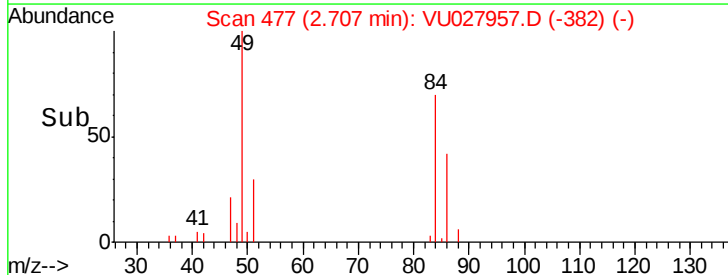
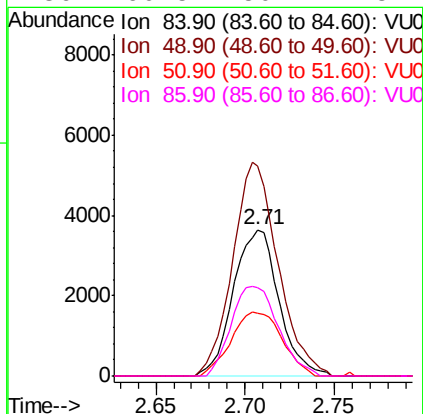
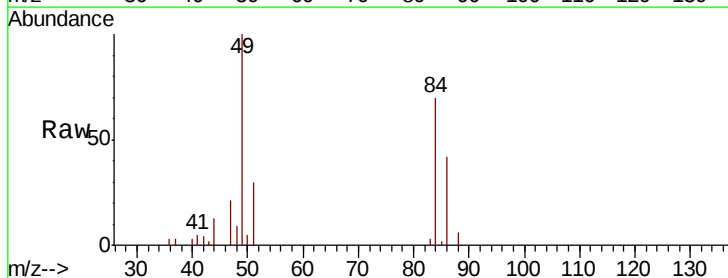
Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#12

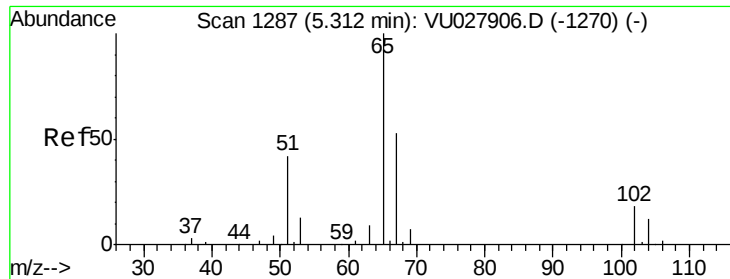
Tot Ion: 43 Resp: 5503
Ion Ratio Lower Upper
43 100
74 14.5 14.9 22.3#



#20
Methylene Chloride
Concen: 2.503 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027957.D
Acq: 05 Nov 2018 15:09

Tgt Ion: 84 Resp: 6494
Ion Ratio Lower Upper
84 100
49 143.5 111.6 167.4
51 42.6 34.8 52.2
86 60.5 50.1 75.1

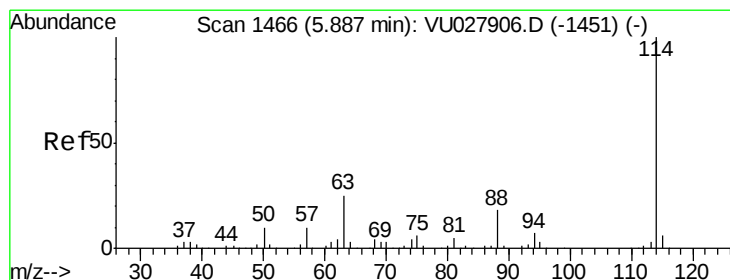
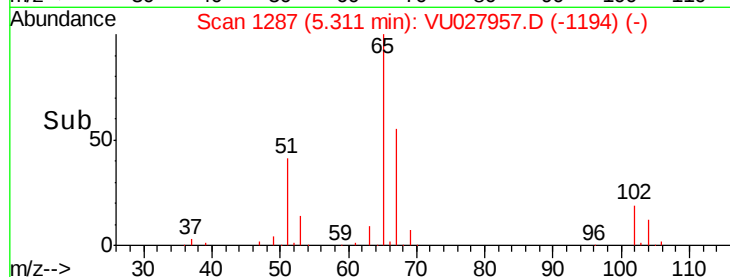
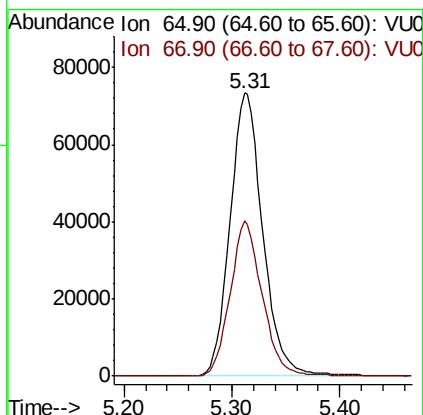
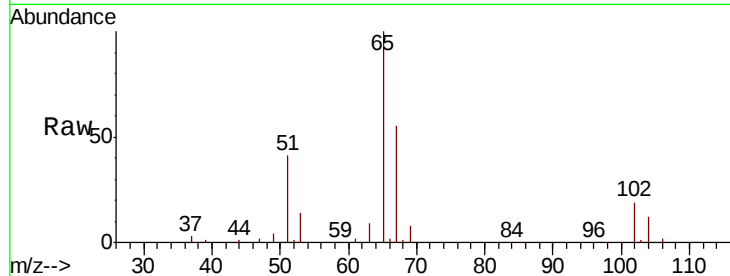




#33
 1,2-Dichloroethane-d4
 Concen: 54.074 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027957.D
 Acq: 05 Nov 2018 15:09

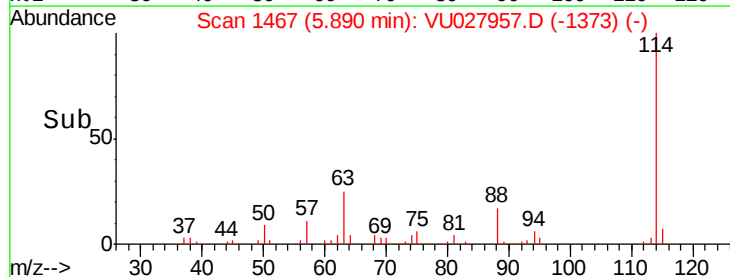
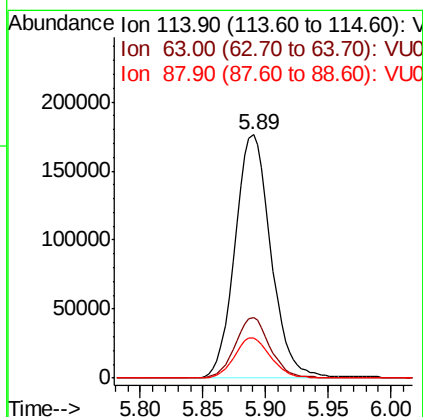
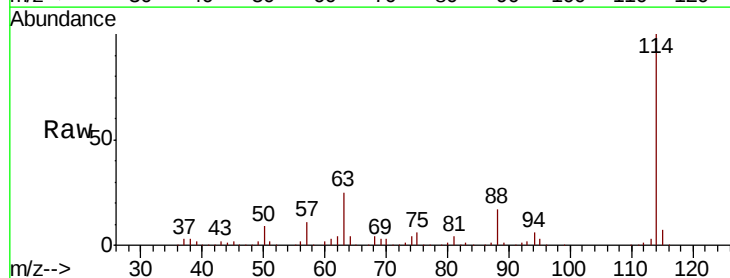
Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#12

Tot Ion: 65 Resp: 154891
 Ion Ratio Lower Upper
 65 100
 67 53.8 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: VU027957.D
 Acq: 05 Nov 2018 15:09

Tgt Ion: 114 Resp: 350010
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.8
 88 16.6 0.0 35.8

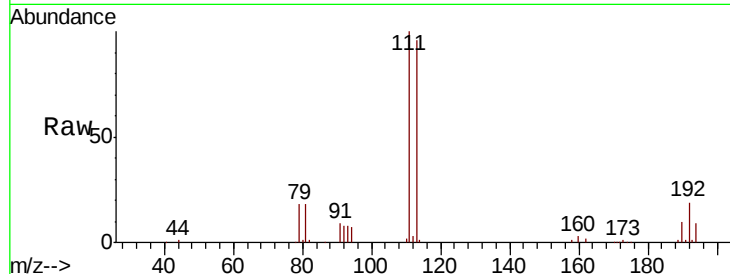




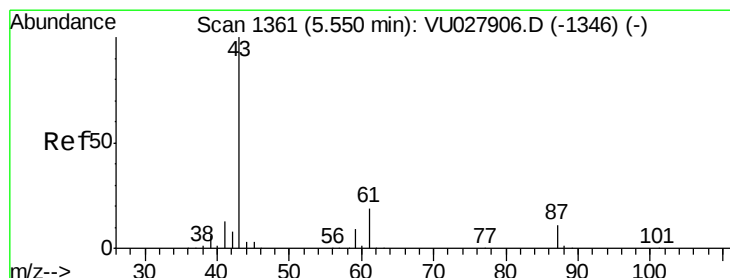
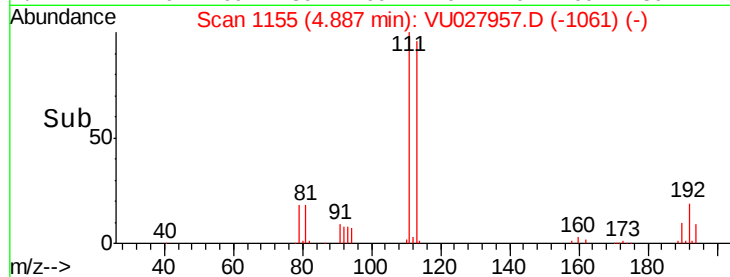
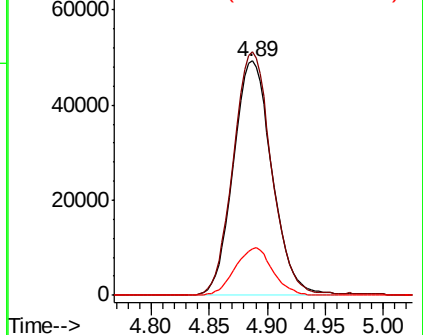
#35
 Dibromofluoromethane
 Concen: 51.739 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027957.D
 Acq: 05 Nov 2018 15:09

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#12

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.0	124.6
192	19.8	15.6	23.4

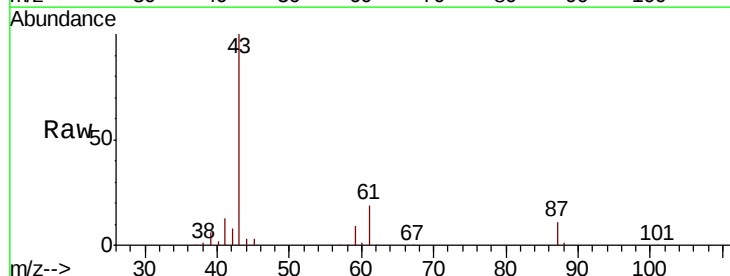


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

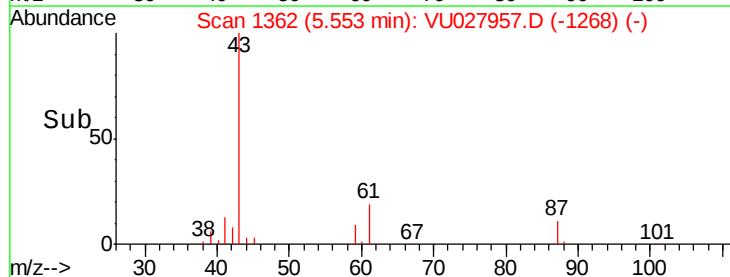
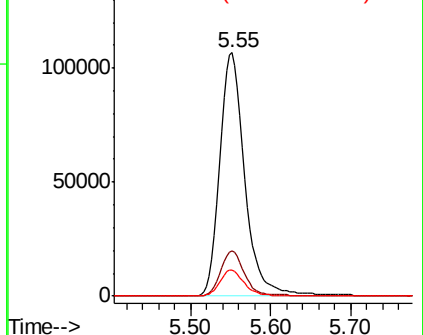


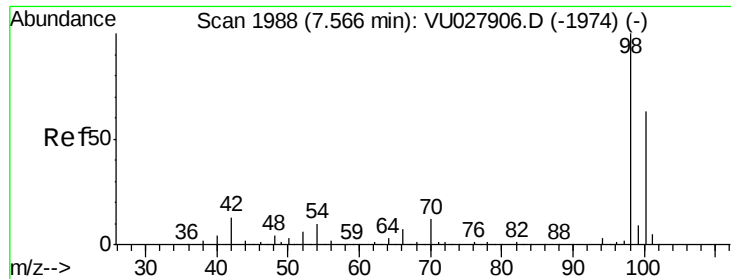
#43
 Isopropyl Acetate
 Concen: 27.597 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027957.D
 Acq: 05 Nov 2018 15:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.9	15.0	22.4
87	10.5	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

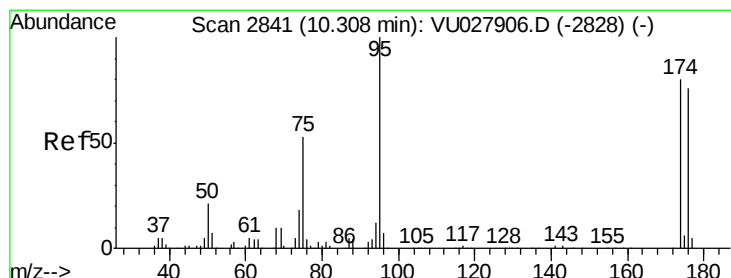
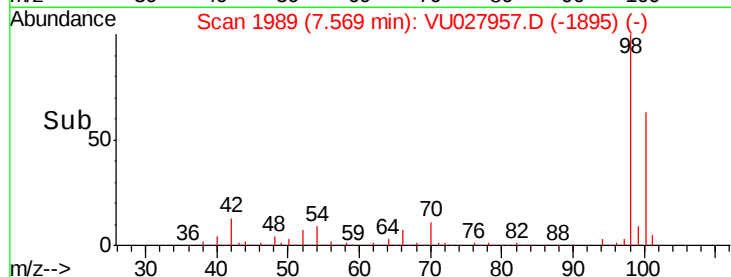
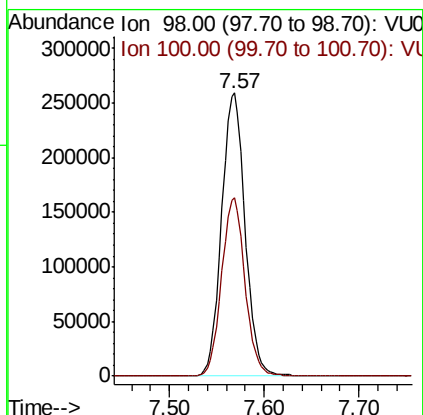
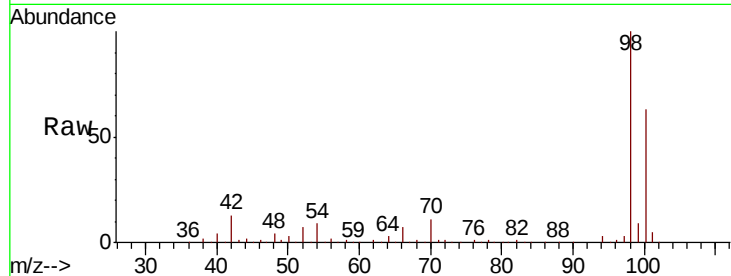




#50
Toluene-d8
Concen: 52.629 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027957.D
Acq: 05 Nov 2018 15:09

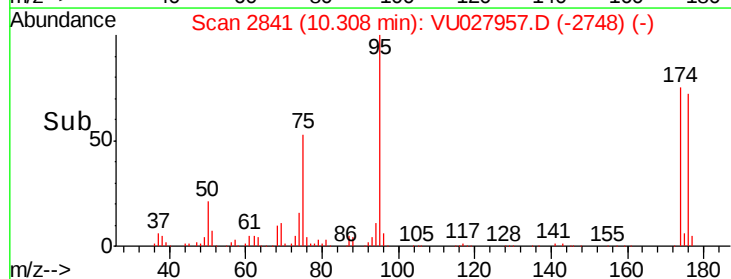
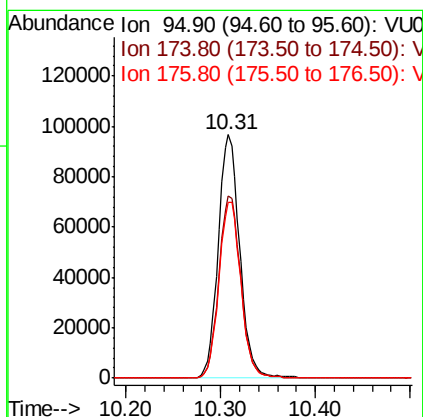
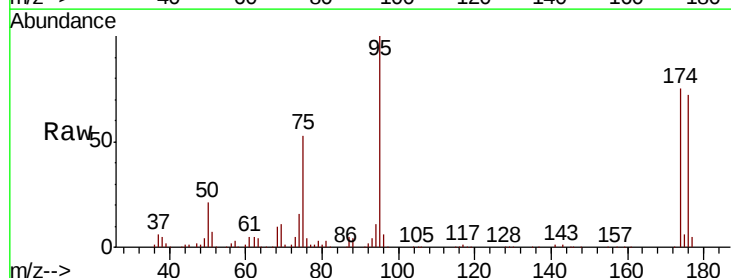
Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#12

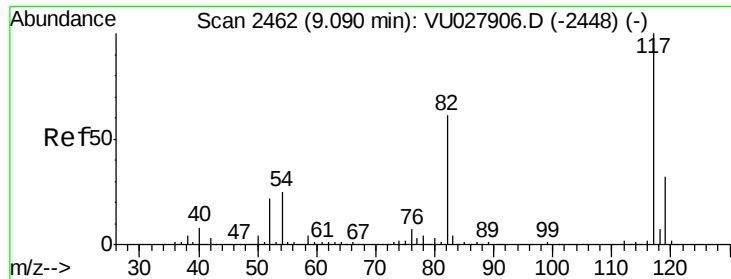
Tot Ion: 98 Resp: 448663
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.581 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027957.D
Acq: 05 Nov 2018 15:09

Tgt Ion: 95 Resp: 152757
Ion Ratio Lower Upper
95 100
174 76.2 0.0 156.4
176 73.9 0.0 150.8

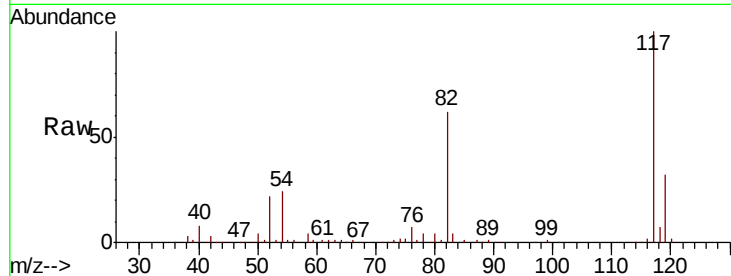




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027957.D
Acq: 05 Nov 2018 15:09

Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#12

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.5	48.6	73.0
119	31.6	25.8	38.8

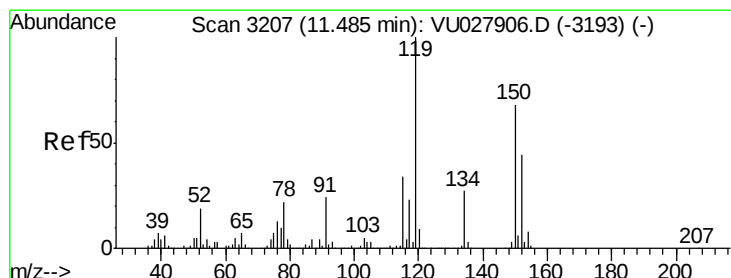
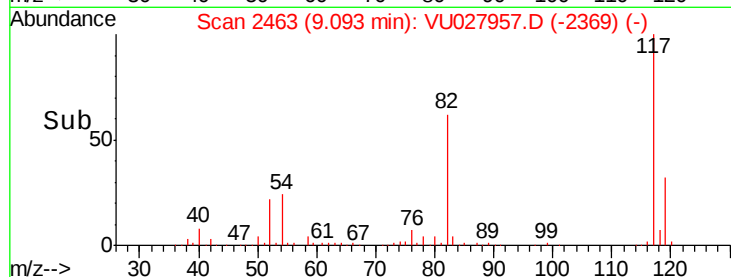
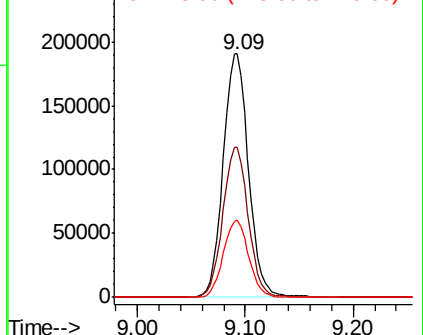


Abundance

Ion 116.90 (116.60 to 117.60): V

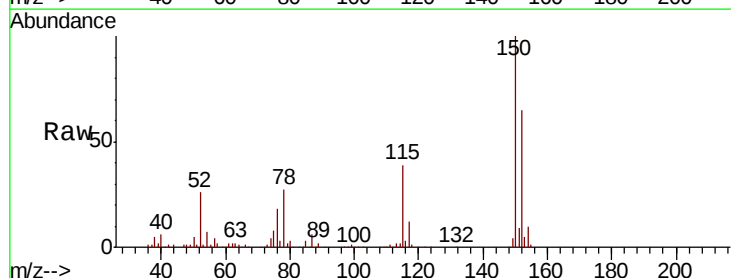
Ion 82.00 (81.70 to 82.70): V

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: VU027957.D
Acq: 05 Nov 2018 15:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	43.0	129.0
150	156.6	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

