

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027954.D
 Acq On : 05 Nov 2018 13:59
 Operator : MD/SY
 Sample : PB114473ZHE#09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#09

Quant Time: Nov 06 04:14:46 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

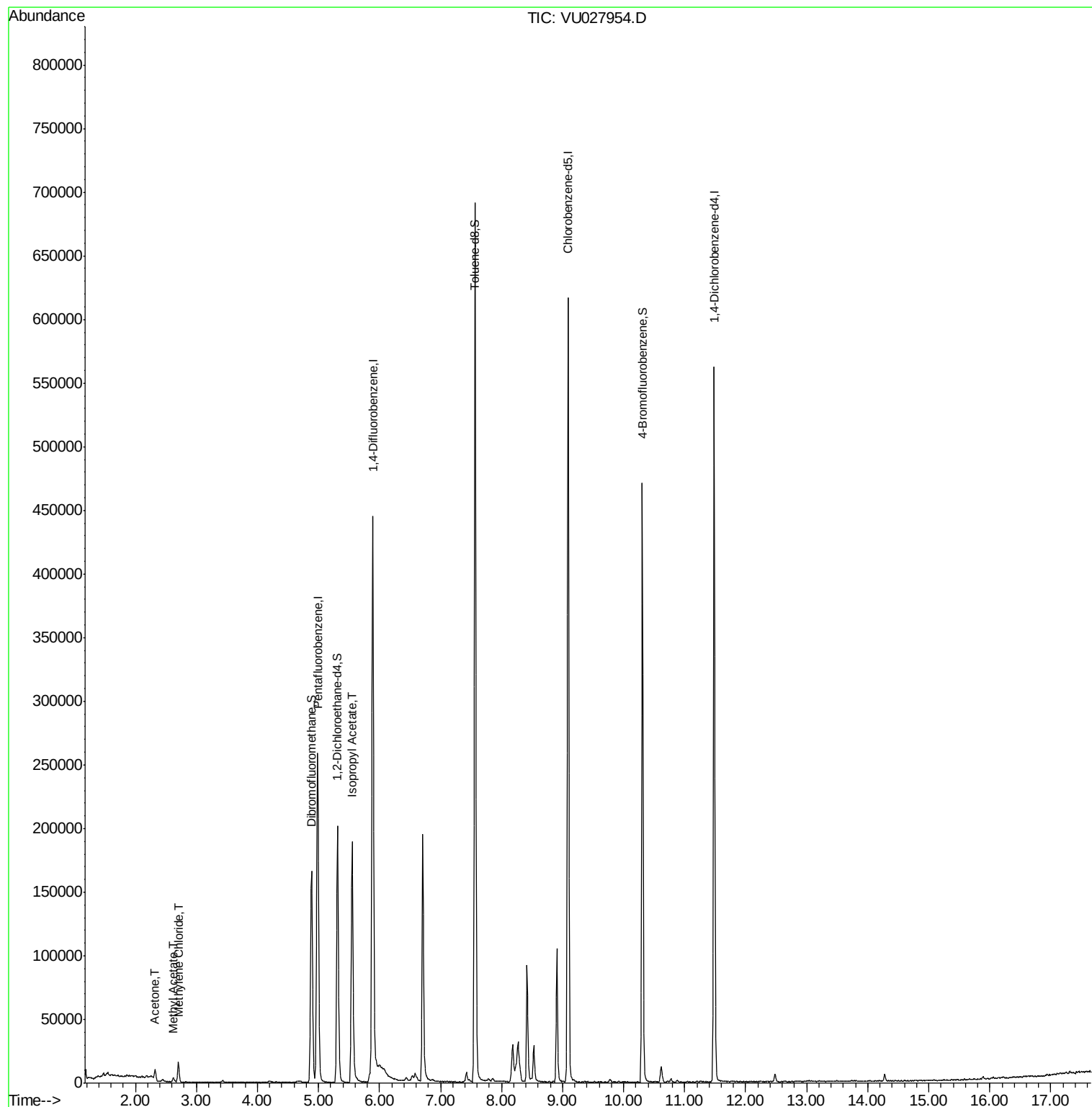
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	356541	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	318604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	136700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	155628	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
35) Dibromofluoromethane	4.89	113	114917	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	7.57	98	455389	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	10.31	95	155770	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
Target Compounds						
16) Acetone	2.32	43	10288	5.751	ug/l	93
18) Methyl Acetate	2.62	43	5354	1.088	ug/l	94
20) Methylene Chloride	2.71	84	6929	2.653	ug/l	96
43) Isopropyl Acetate	5.55	43	229139	26.731	ug/l	99

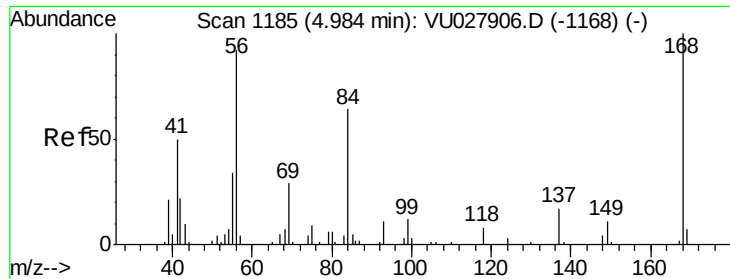
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027954.D

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Instrument :

MSVOA_U

ClientSampleId :

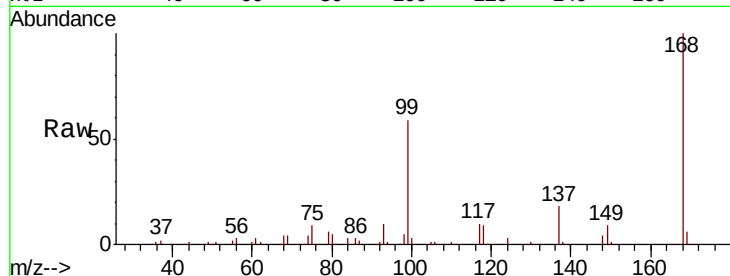
PB114473ZHE#09

Tot Ion:168 Resp: 193919

Ion Ratio Lower Upper

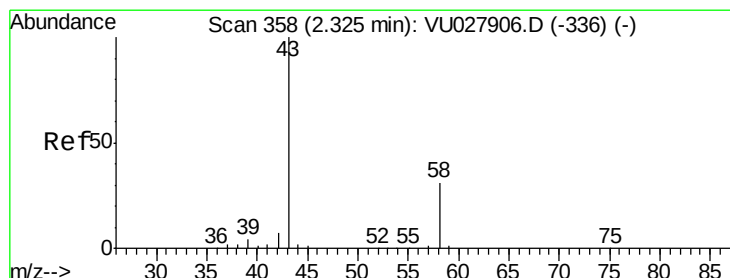
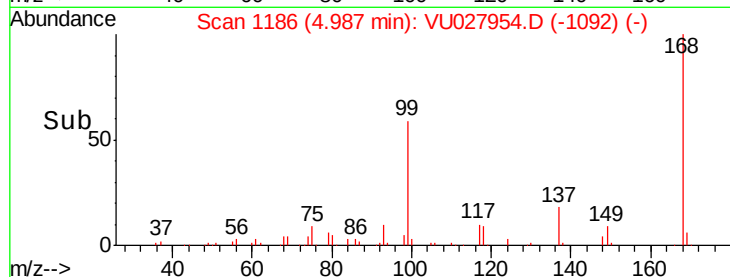
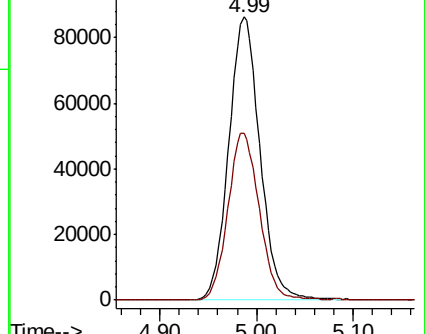
168 100

99 59.1 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027954.D (-1092) (-)



#16

Acetone

Concen: 5.751 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027954.D

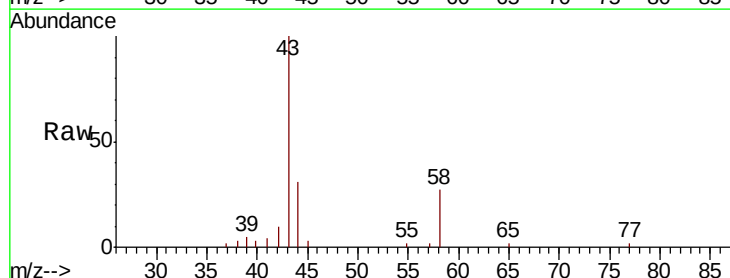
Acq: 05 Nov 2018 13:59

Tgt Ion: 43 Resp: 10288

Ion Ratio Lower Upper

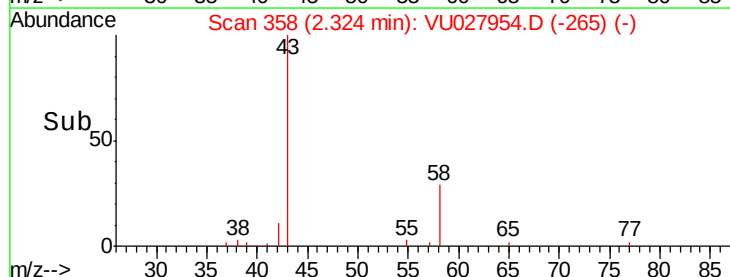
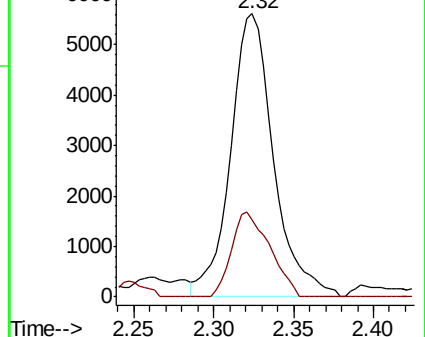
43 100

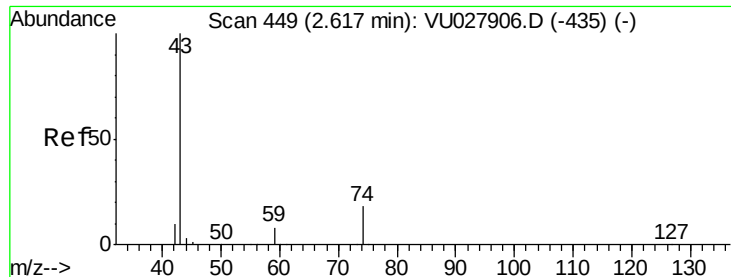
58 27.2 24.6 37.0



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

Ion 58.00 (57.70 to 58.70): VU027954.D (-265) (-)

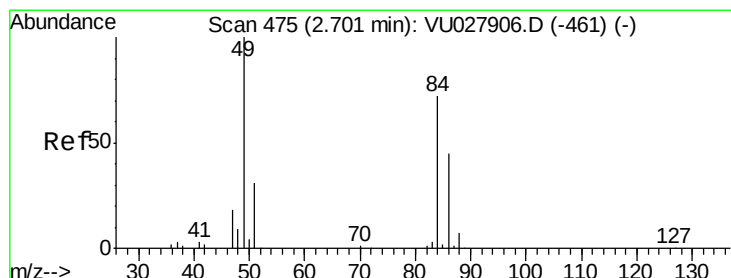
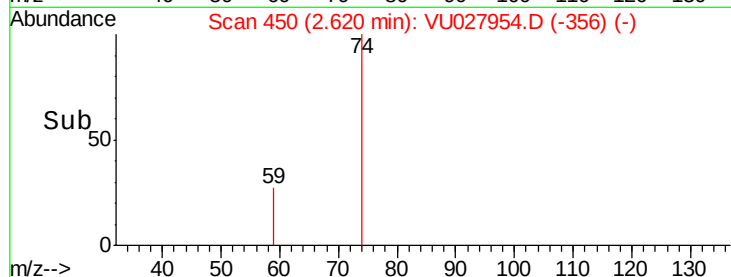
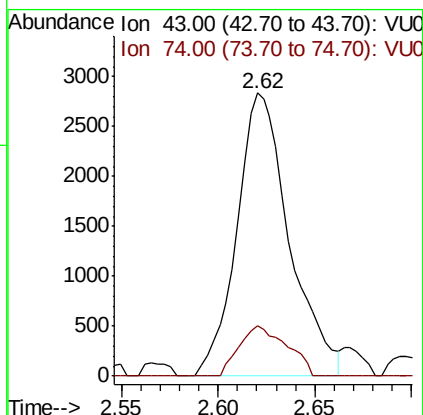
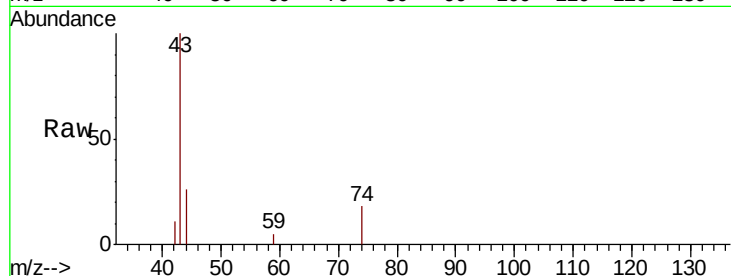




#18
Methyl Acetate
Concen: 1.088 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027954.D
Acq: 05 Nov 2018 13:59

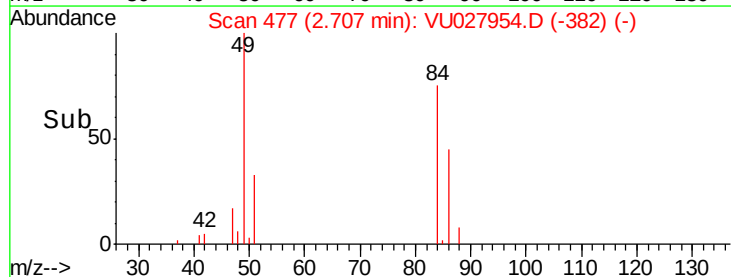
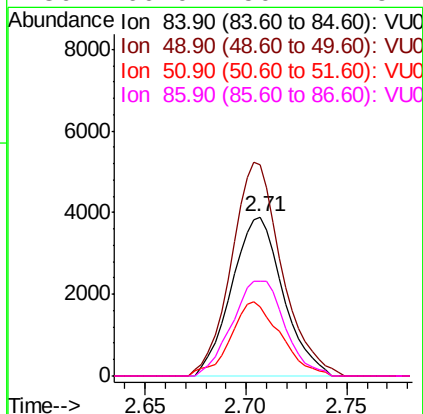
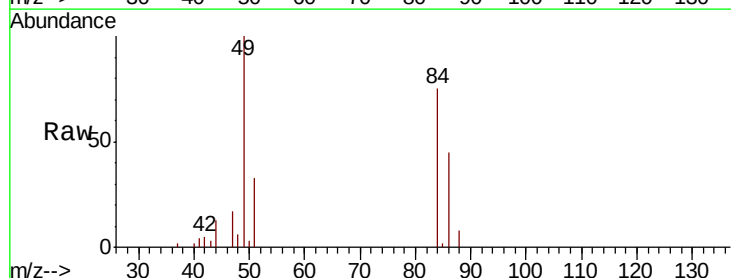
Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#09

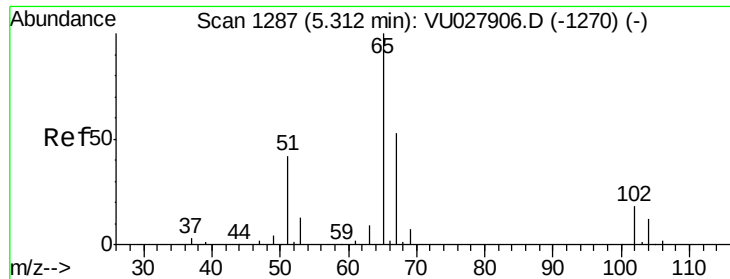
Tot Ion: 43 Resp: 5354
Ion Ratio Lower Upper
43 100
74 16.0 14.9 22.3



#20
Methylene Chloride
Concen: 2.653 ug/l
RT: 2.71 min Scan# 477
Delta R.T. 0.01 min
Lab File: VU027954.D
Acq: 05 Nov 2018 13:59

Tgt Ion: 84 Resp: 6929
Ion Ratio Lower Upper
84 100
49 132.8 111.6 167.4
51 43.2 34.8 52.2
86 60.0 50.1 75.1

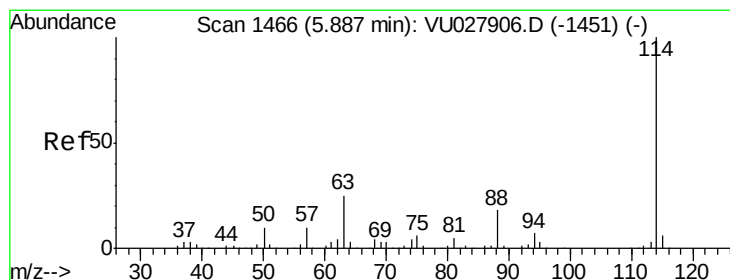
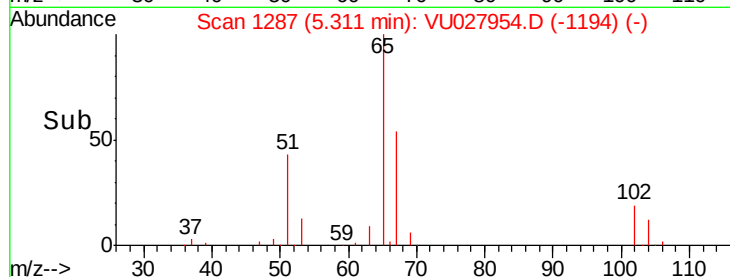
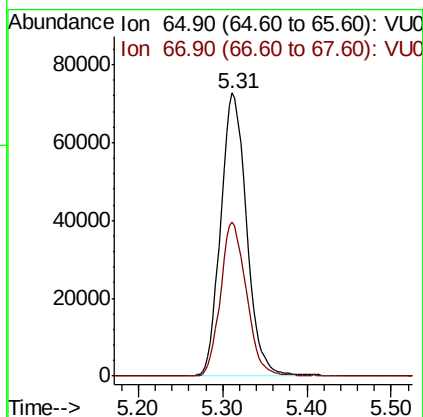
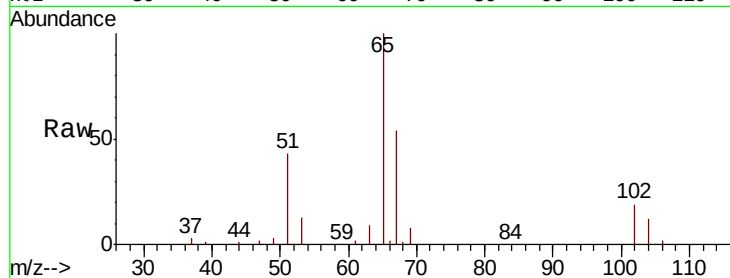




#33
 1,2-Dichloroethane-d4
 Concen: 53.980 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU027954.D
 Acq: 05 Nov 2018 13:59

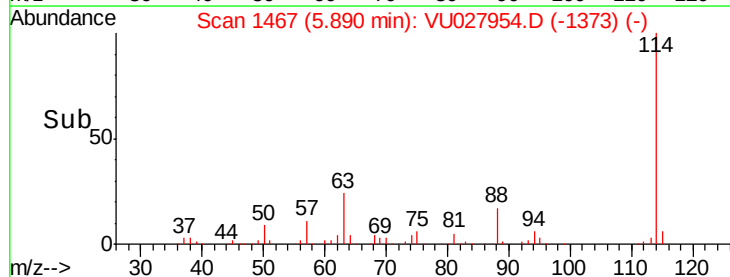
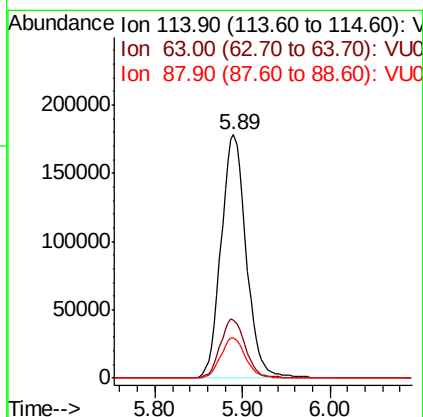
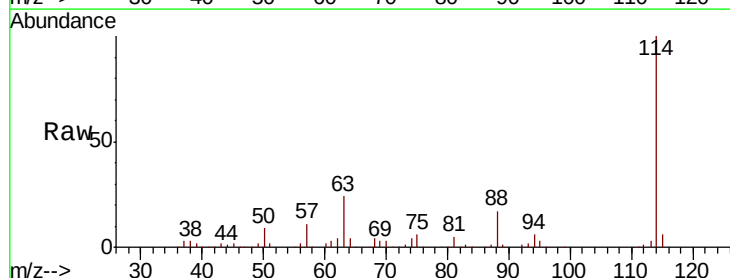
Instrument :
 MSVOA_U
 ClientSampleId :
 PB114473ZHE#09

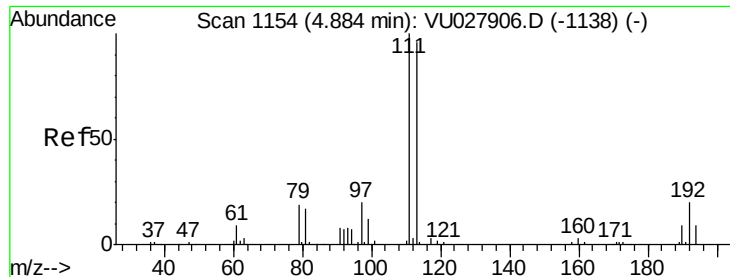
Tot Ion: 65 Resp: 155628
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027954.D
 Acq: 05 Nov 2018 13:59

Tgt Ion: 114 Resp: 356541
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 50.8
 88 16.5 0.0 35.8





#35

Dibromofluoromethane

Concen: 51.119 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027954.D

Acq: 05 Nov 2018 13:59

Instrument :

MSVOA_U

ClientSampleId :

PB114473ZHE#09

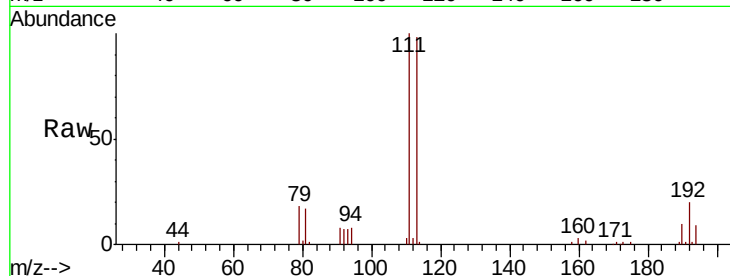
Tot Ion:113 Resp: 114917

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

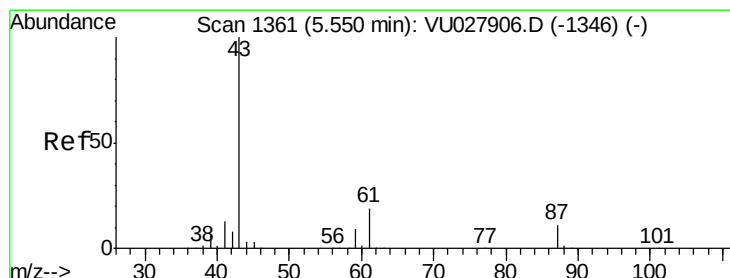
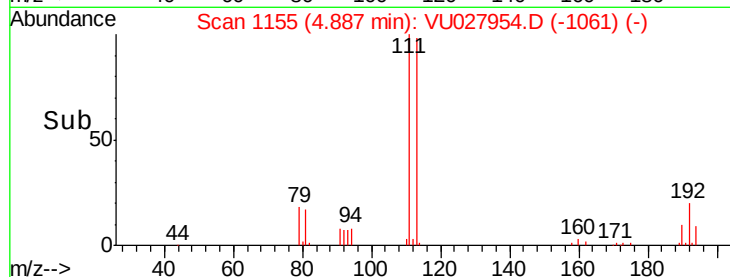
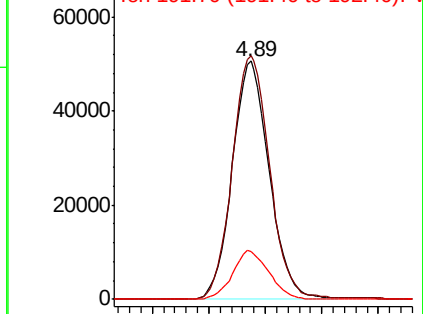
192 20.0 15.6 23.4



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: 26.731 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027954.D

Acq: 05 Nov 2018 13:59

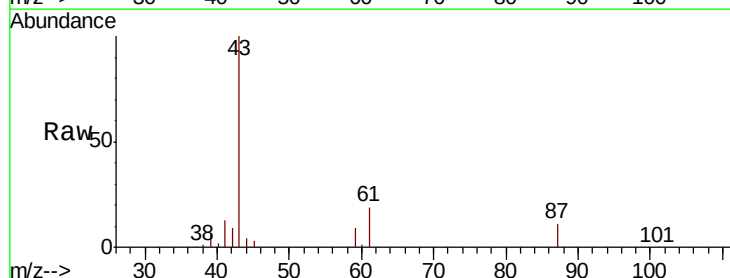
Tgt Ion: 43 Resp: 229139

Ion Ratio Lower Upper

43 100

61 18.8 15.0 22.4

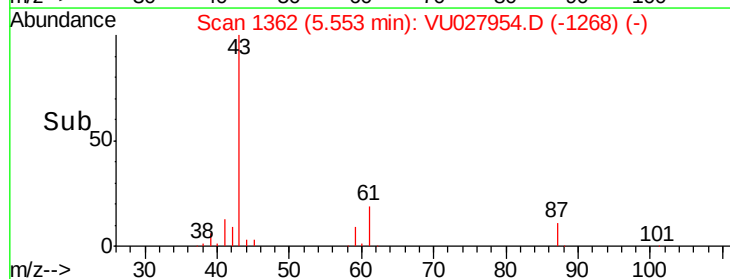
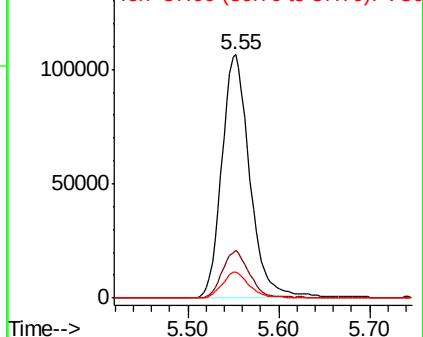
87 10.3 8.6 12.8

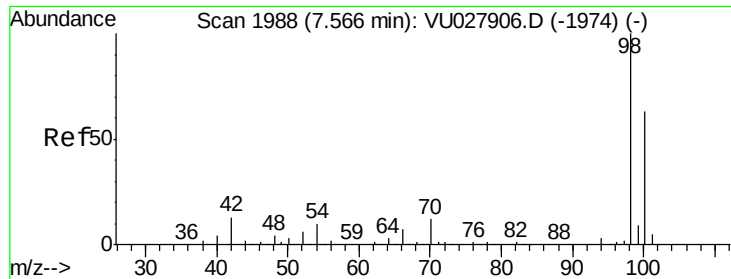


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

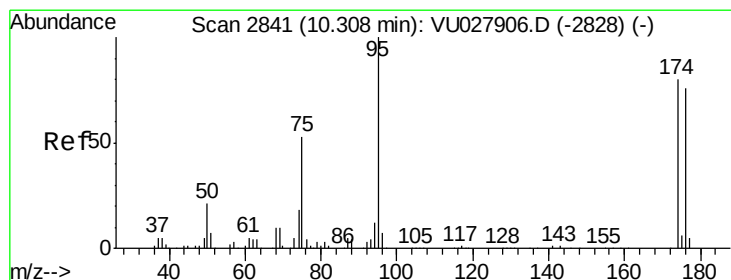
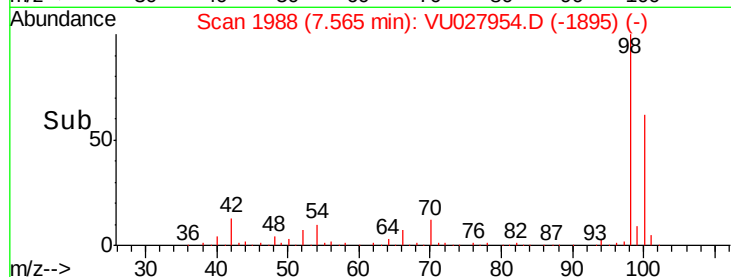
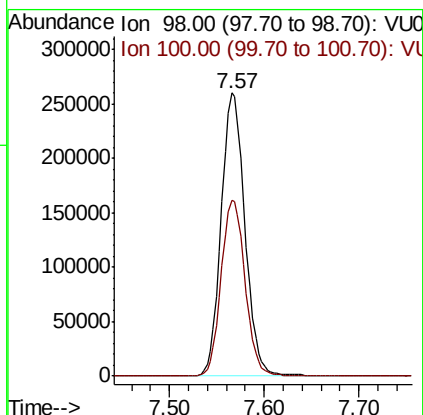
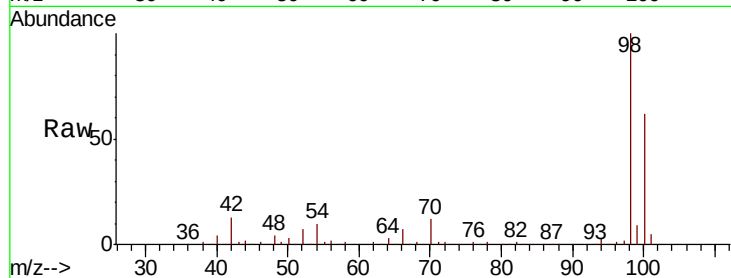




#50
Toluene-d8
Concen: 52.440 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027954.D
Acq: 05 Nov 2018 13:59

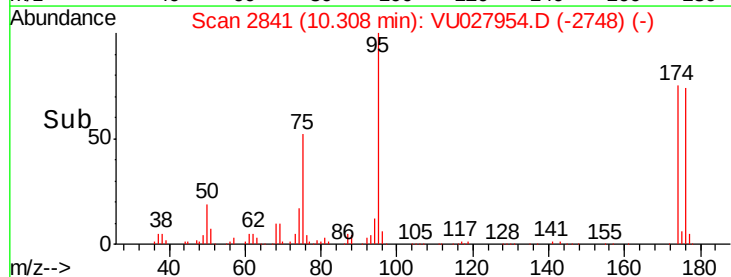
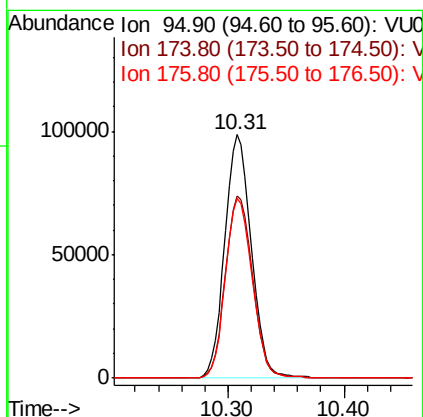
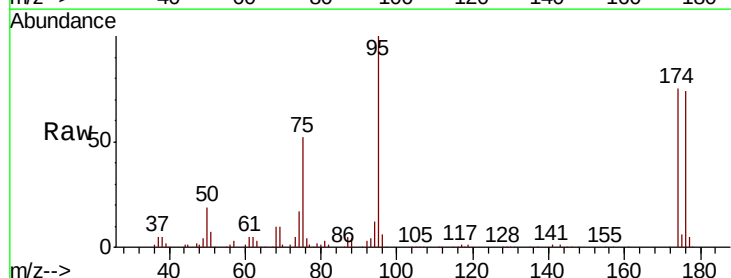
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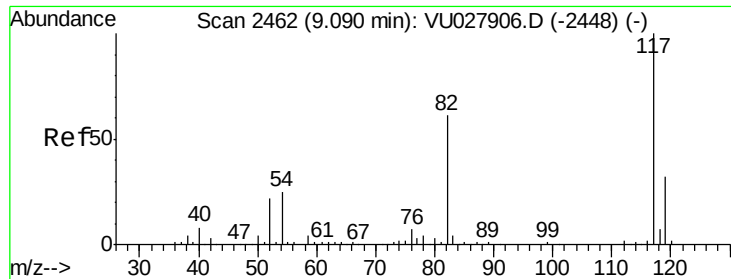
Tot Ion: 98 Resp: 455389
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.632 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027954.D
Acq: 05 Nov 2018 13:59

Tgt Ion: 95 Resp: 155770
Ion Ratio Lower Upper
95 100
174 76.8 0.0 156.4
176 74.9 0.0 150.8

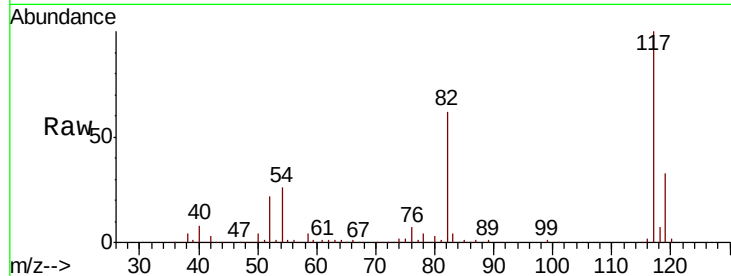




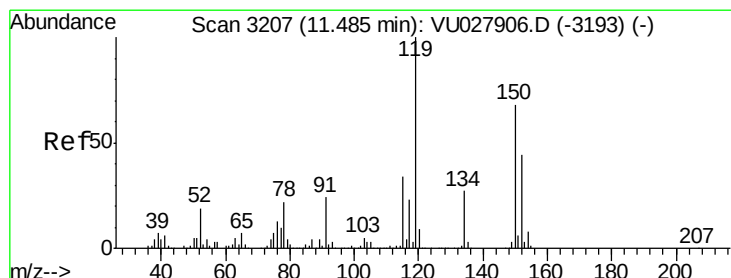
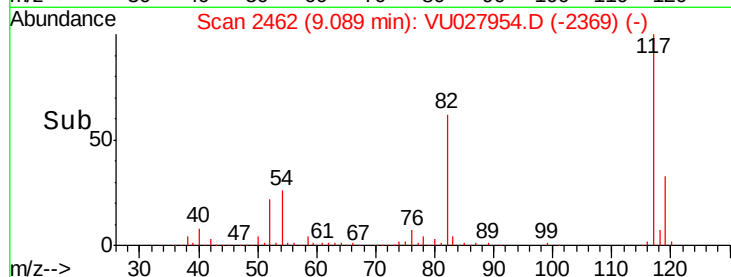
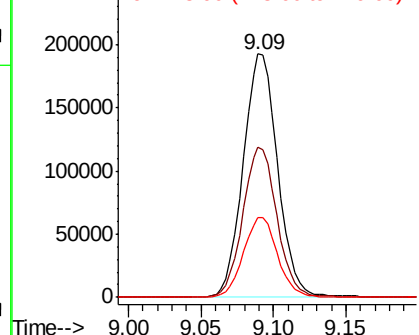
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027954.D
Acq: 05 Nov 2018 13:59

Instrument :
MSVOA_U
ClientSampleId :
PB114473ZHE#09

Tot Ion:117 Resp: 318604
Ion Ratio Lower Upper
117 100
82 61.8 48.6 73.0
119 32.6 25.8 38.8

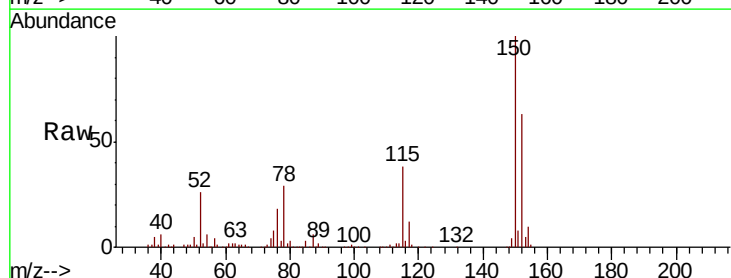


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027954.D
Acq: 05 Nov 2018 13:59

Tgt Ion:152 Resp: 136700
Ion Ratio Lower Upper
152 100
115 60.8 43.0 129.0
150 157.5 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

