

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027291.D
 Acq On : 28 Sep 2018 23:37
 Operator : MD/SY
 Sample : PB113306ZHE#02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#02

Quant Time: Oct 01 01:38:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

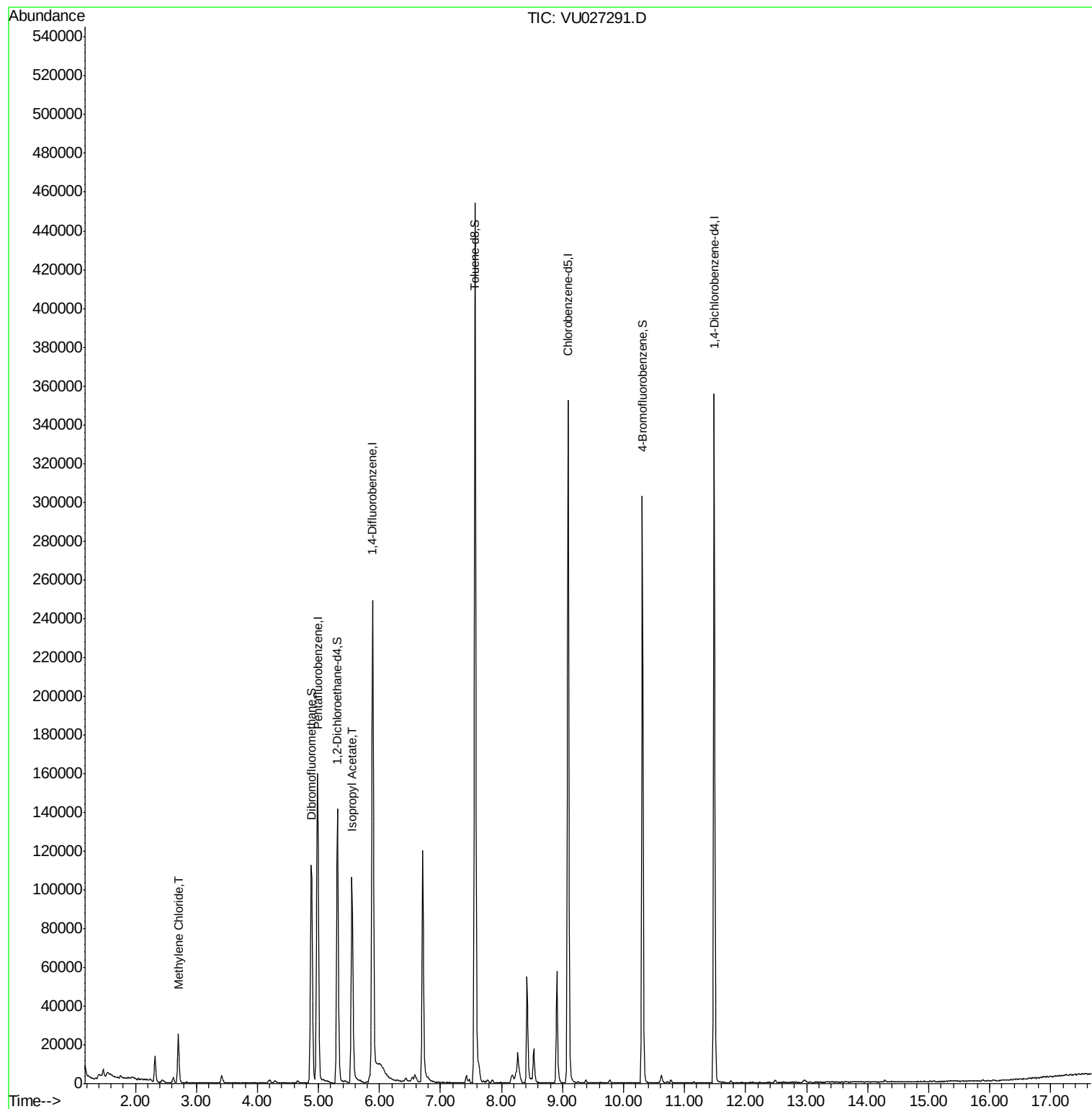
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	116830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	198077	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	86703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107149	45.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.14%	
35) Dibromofluoromethane	4.88	113	77514	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.30%	
50) Toluene-d8	7.57	98	304810	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	10.31	95	102004	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
Target Compounds						
20) Methylene Chloride	2.70	84	10317	4.899	ug/l	99
43) Isopropyl Acetate	5.55	43	127772	24.482	ug/l	99

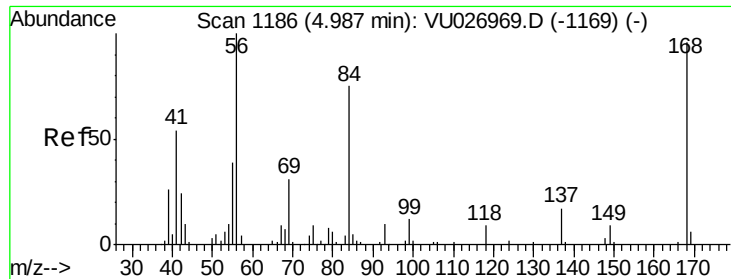
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027291.D

Acq: 28 Sep 2018 23:37

Instrument :

MSVOA_U

ClientSampleId :

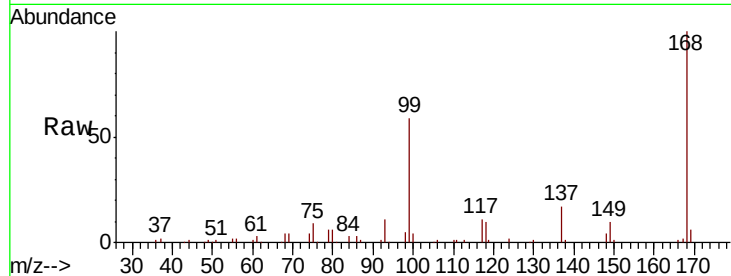
PB113306ZHE#02

Tot Ion:168 Resp: 116830

Ion Ratio Lower Upper

168 100

99 58.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

60000

50000

40000

30000

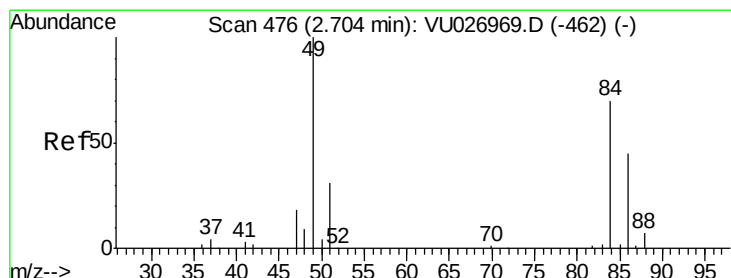
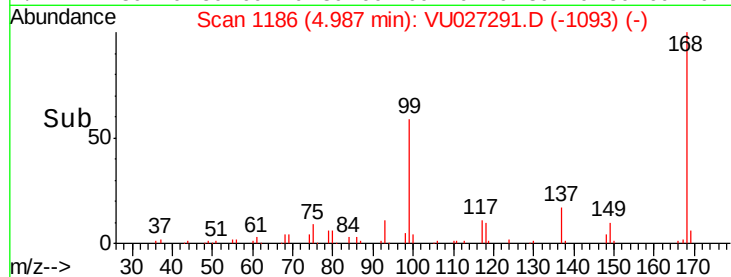
20000

10000

0

Time-->

4.90 5.00 5.10



#20

Methylene Chloride

Concen: 4.899 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027291.D

Acq: 28 Sep 2018 23:37

Tgt Ion: 84 Resp: 10317

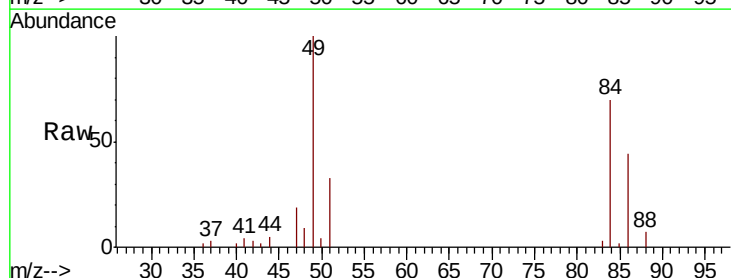
Ion Ratio Lower Upper

84 100

49 142.8 114.9 172.3

51 47.2 35.8 53.8

86 63.2 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VU026969.D (-462) (-)

Ion 48.90 (48.60 to 49.60): VU026969.D (-462) (-)

Ion 50.90 (50.60 to 51.60): VU026969.D (-462) (-)

Ion 85.90 (85.60 to 86.60): VU026969.D (-462) (-)

2.70

12000

10000

8000

6000

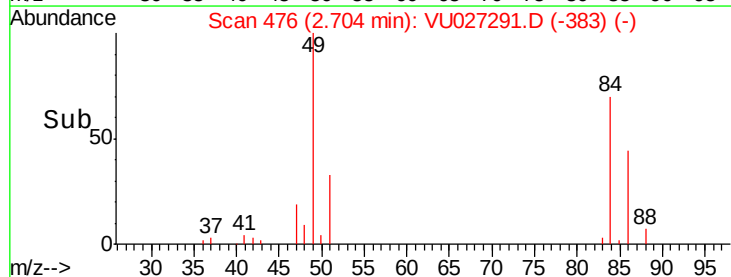
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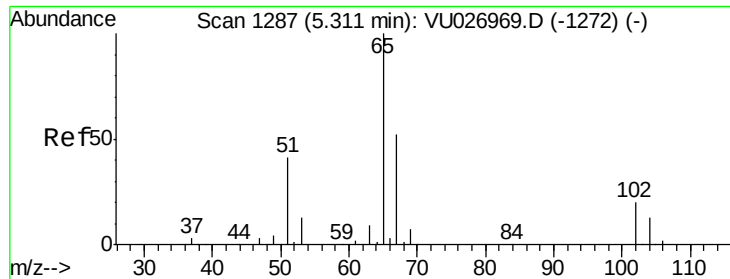
2000

0

Time-->

2.65 2.70 2.75

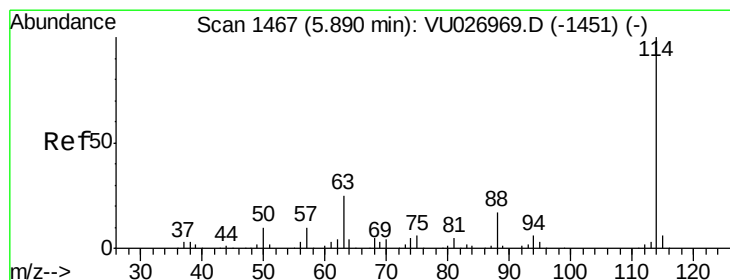
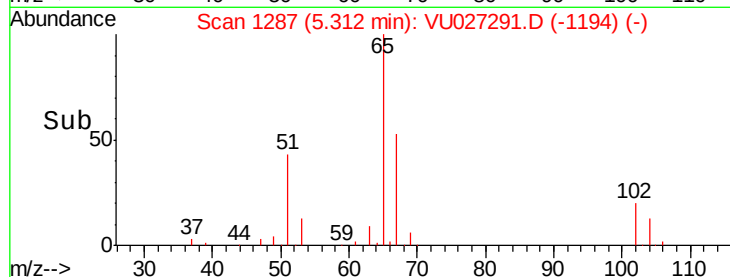
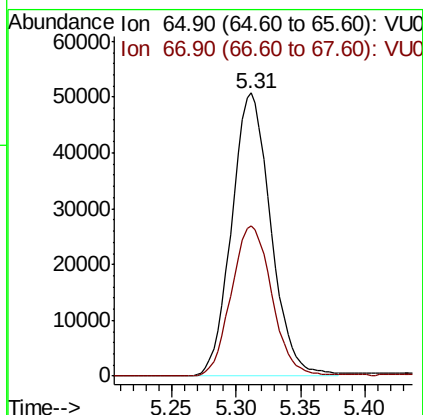
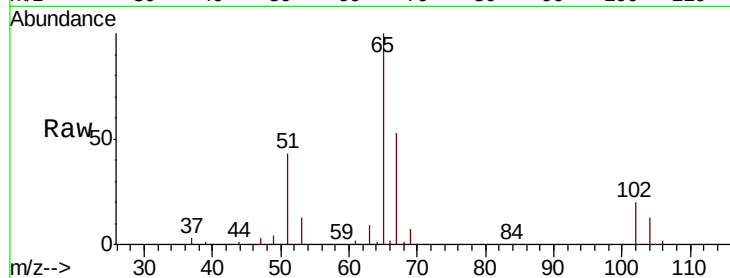




#33
 1,2-Dichloroethane-d4
 Concen: 45.568 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027291.D
 Acq: 28 Sep 2018 23:37

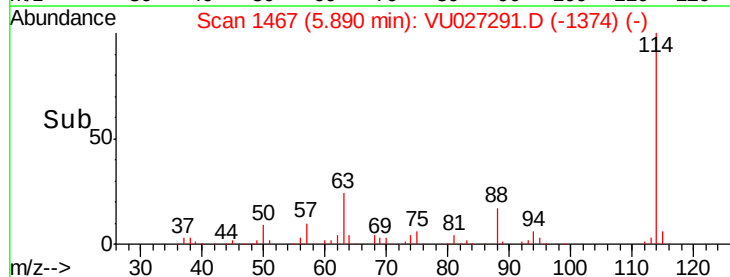
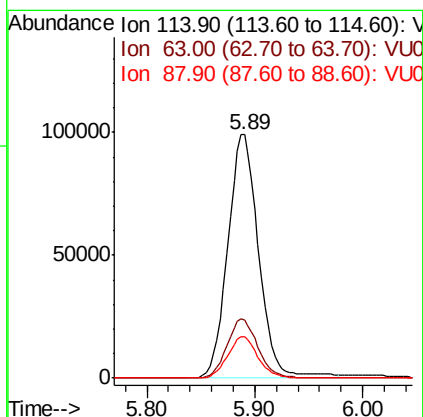
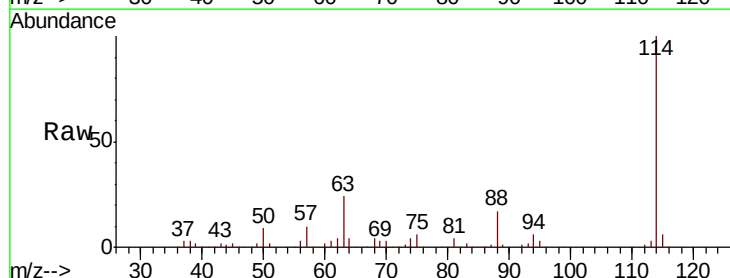
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#02

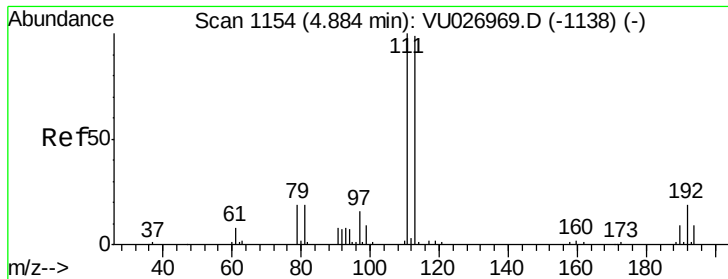
Tot Ion: 65 Resp: 107149
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027291.D
 Acq: 28 Sep 2018 23:37

Tgt Ion: 114 Resp: 198077
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 17.0 0.0 33.8

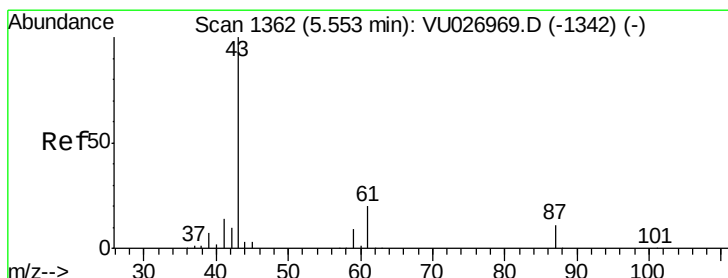
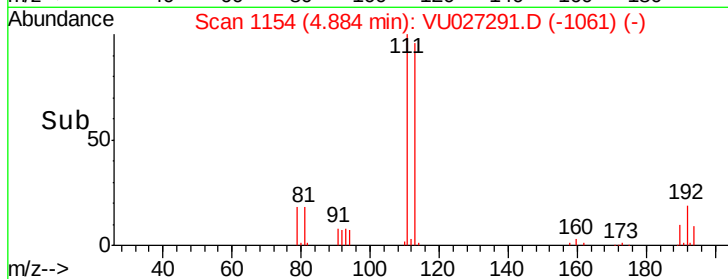
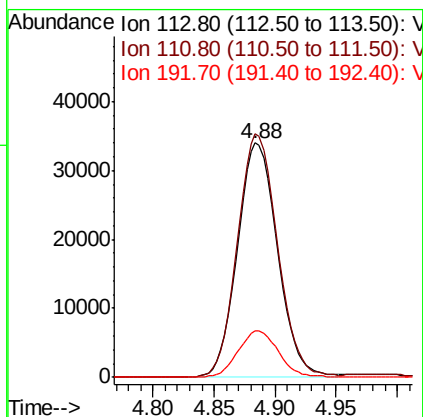
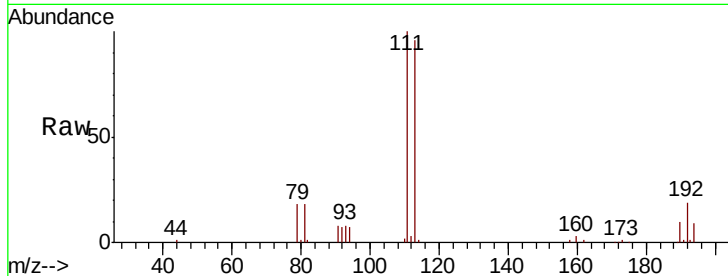




#35
 Dibromofluoromethane
 Concen: 45.147 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027291.D
 Acq: 28 Sep 2018 23:37

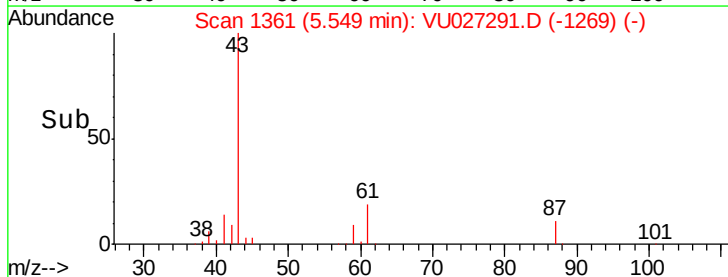
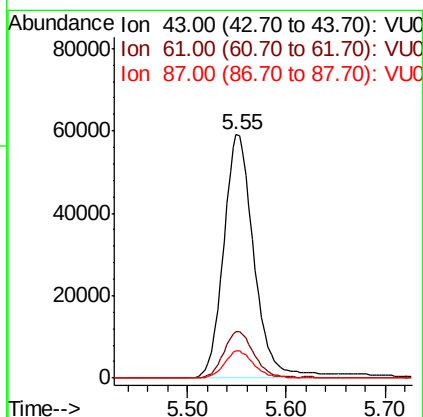
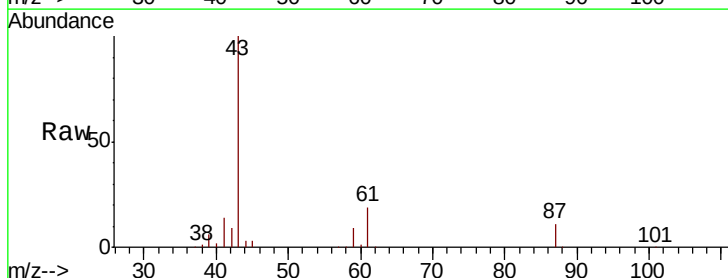
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#02

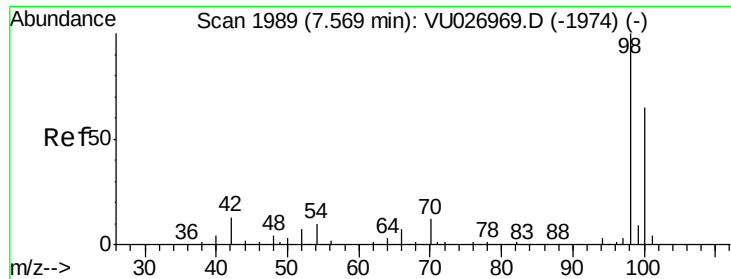
Tot Ion:113 Resp: 77514
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.4
 192 19.9 15.2 22.8



#43
 Isopropyl Acetate
 Concen: 24.482 ug/l
 RT: 5.55 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: VU027291.D
 Acq: 28 Sep 2018 23:37

Tgt Ion: 43 Resp: 127772
 Ion Ratio Lower Upper
 43 100
 61 18.9 15.7 23.5
 87 10.8 9.0 13.4

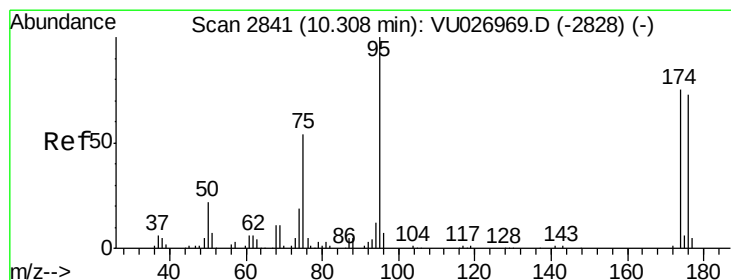
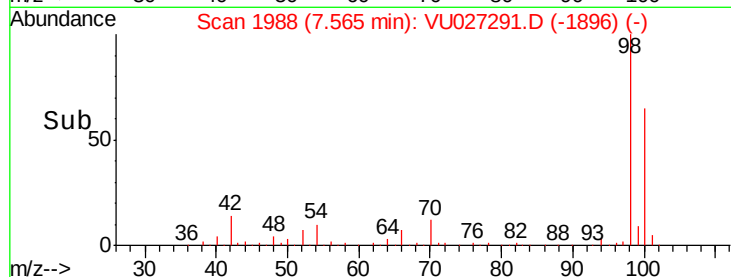
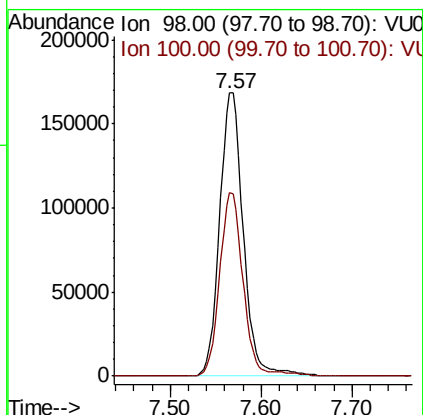
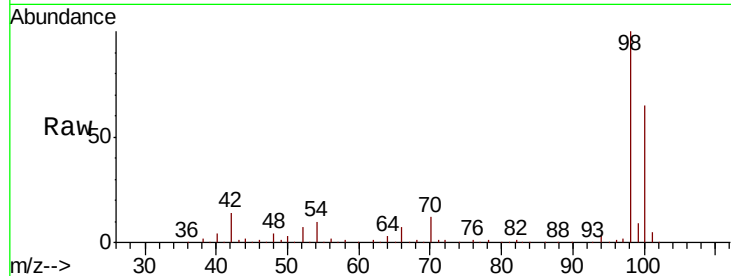




#50
Toluene-d8
Concen: 46.583 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027291.D
Acq: 28 Sep 2018 23:37

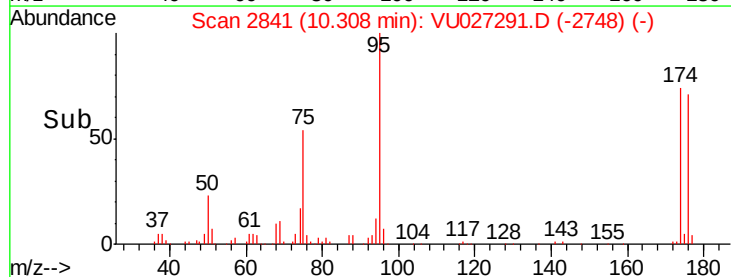
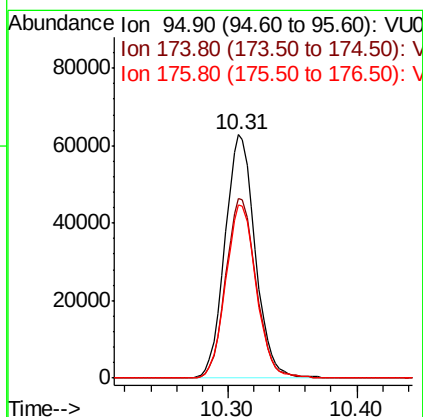
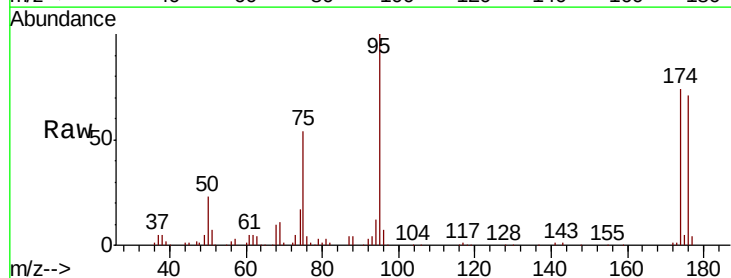
Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#02

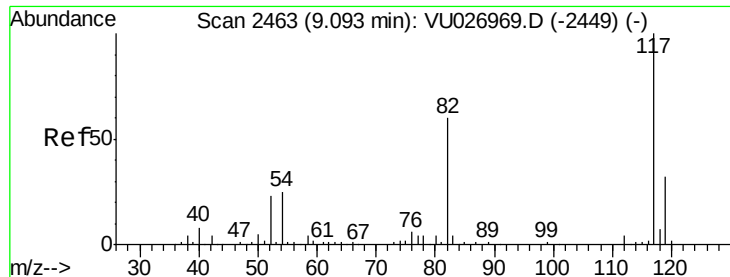
Tot Ion: 98 Resp: 304810
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.432 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027291.D
Acq: 28 Sep 2018 23:37

Tgt Ion: 95 Resp: 102004
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.2
176 72.0 0.0 145.2

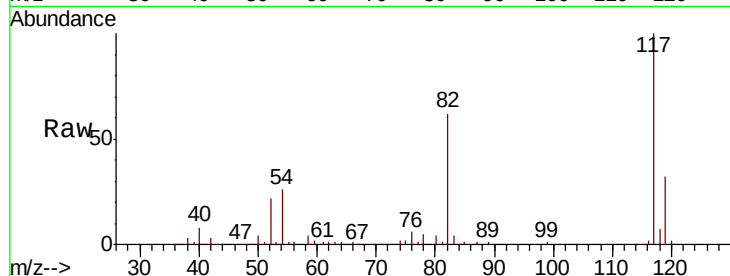




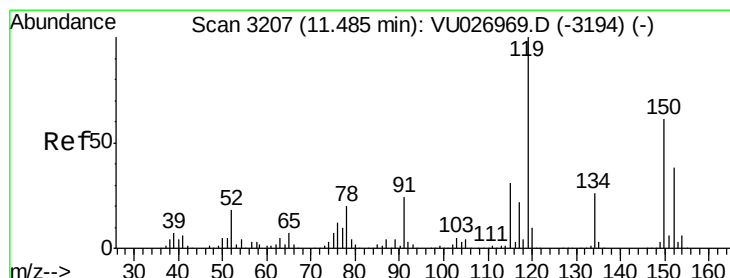
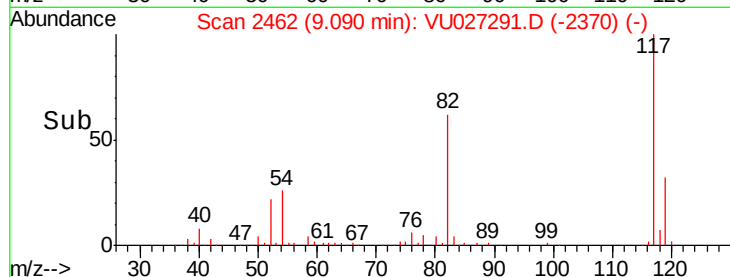
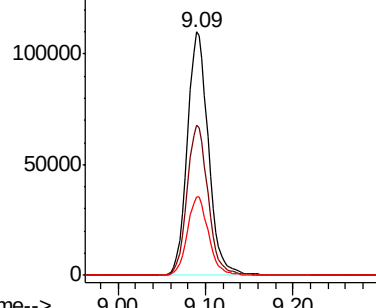
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027291.D
Acq: 28 Sep 2018 23:37

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#02

Tot Ion:117 Resp: 184311
Ion Ratio Lower Upper
117 100
82 61.6 48.0 72.0
119 32.5 25.8 38.8

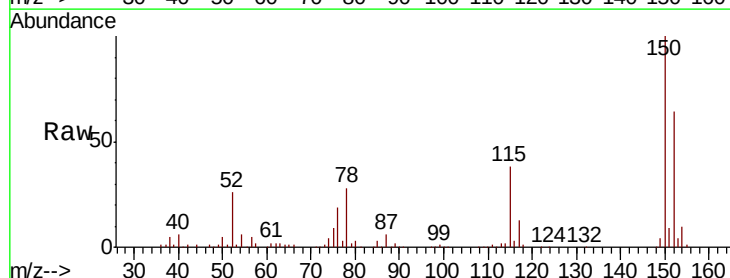


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027291.D
Acq: 28 Sep 2018 23:37

Tgt Ion:152 Resp: 86703
Ion Ratio Lower Upper
152 100
115 59.7 44.9 134.5
150 158.2 0.0 355.8



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

