

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092818\
 Data File : VU027294.D
 Acq On : 29 Sep 2018 00:46
 Operator : MD/SY
 Sample : PB113306ZHE#05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#05

Quant Time: Sep 29 01:50:17 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

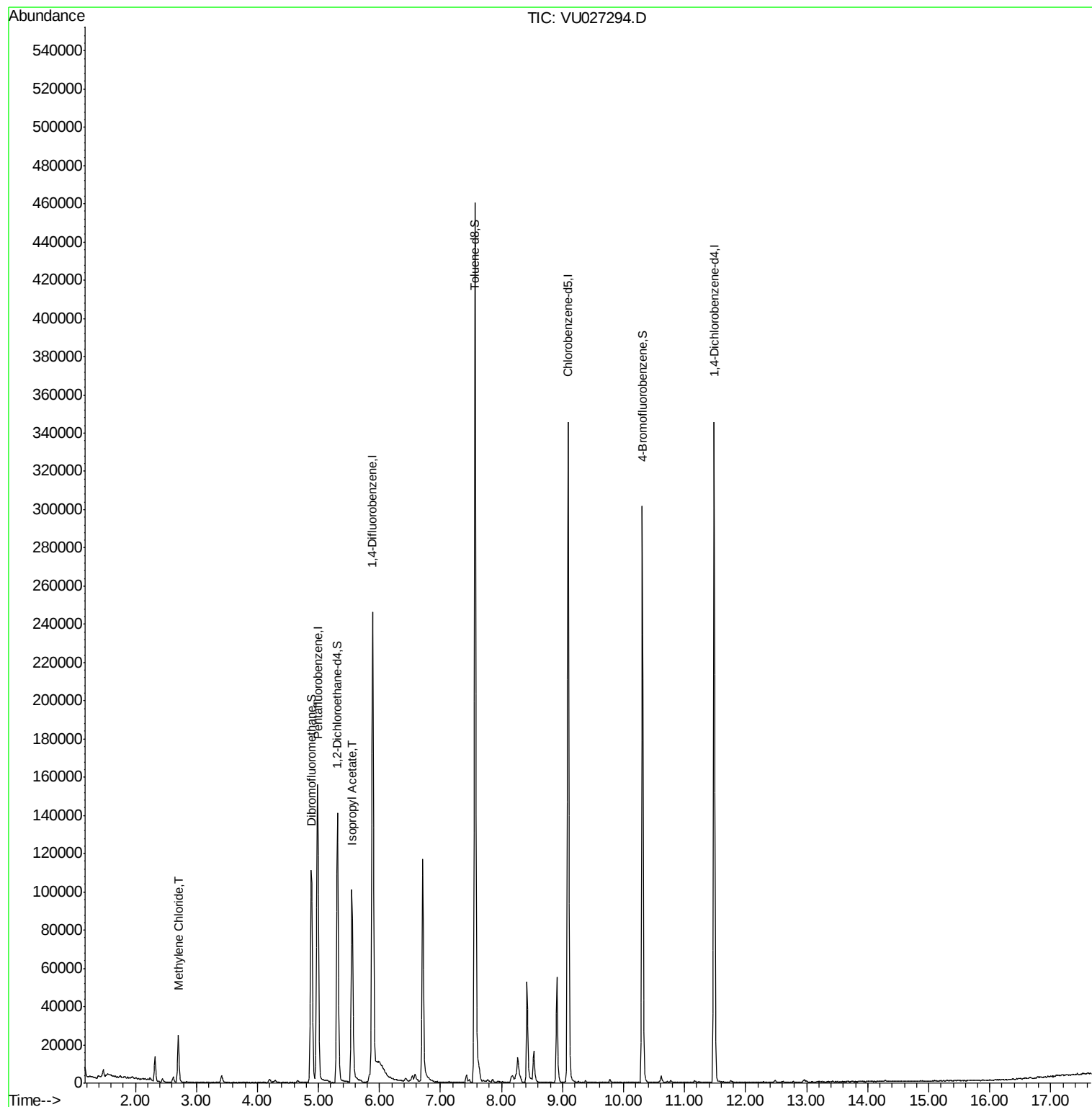
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	112573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	191620	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	182605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	86047	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	107532	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
35) Dibromofluoromethane	4.88	113	76821	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
50) Toluene-d8	7.57	98	302185	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	10.31	95	100270	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
Target Compounds						
20) Methylene Chloride	2.70	84	10113	4.984	ug/l	98
43) Isopropyl Acetate	5.55	43	121588	24.082	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027294.D

Acq: 29 Sep 2018 00:46

Instrument :

MSVOA_U

ClientSampleId :

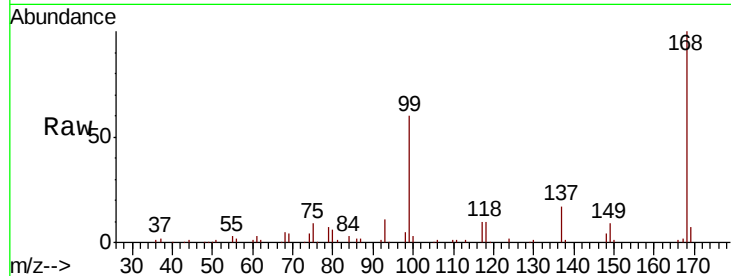
PB113306ZHE#05

Tot Ion:168 Resp: 112573

Ion Ratio Lower Upper

168 100

99 60.0 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

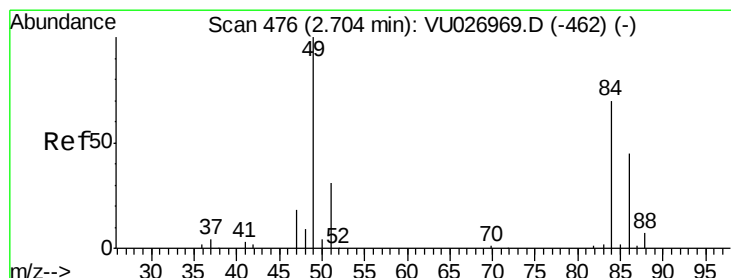
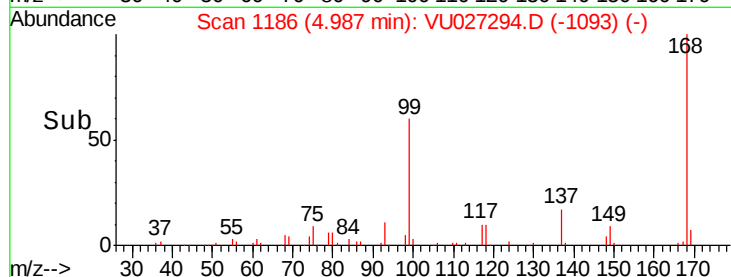
20000

10000

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4.90 4.95 5.00 5.05

Time-->



#20

Methylene Chloride

Concen: 4.984 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027294.D

Acq: 29 Sep 2018 00:46

Tgt Ion: 84 Resp: 10113

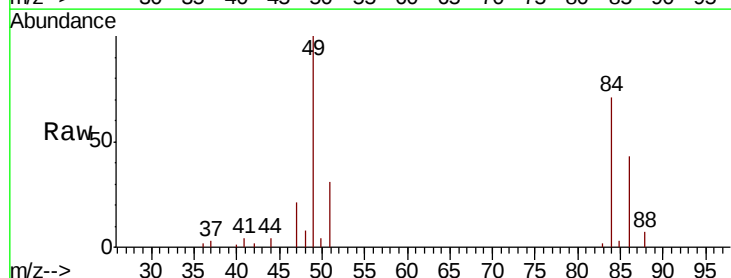
Ion Ratio Lower Upper

84 100

49 141.3 114.9 172.3

51 44.3 35.8 53.8

86 61.0 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

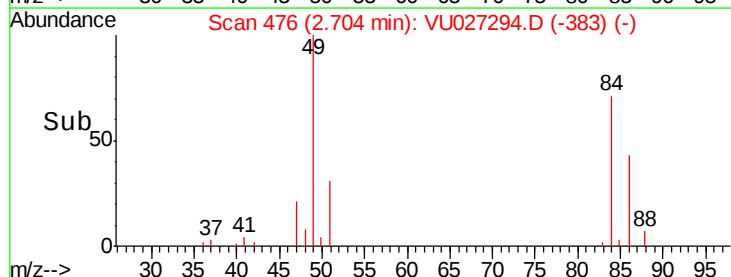
4000

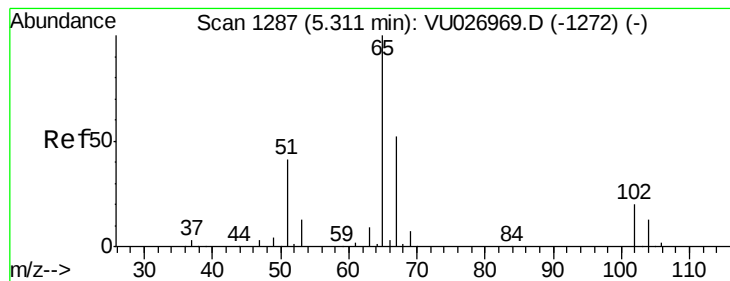
2000

0

2.65 2.70 2.75

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.460 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU027294.D

Acq: 29 Sep 2018 00:46

Instrument :

MSVOA_U

ClientSampleId :

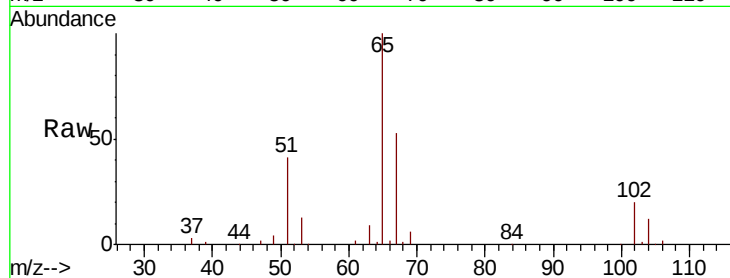
PB113306ZHE#05

Tot Ion: 65 Resp: 107532

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU027294.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU027294.D (-1194) (-)

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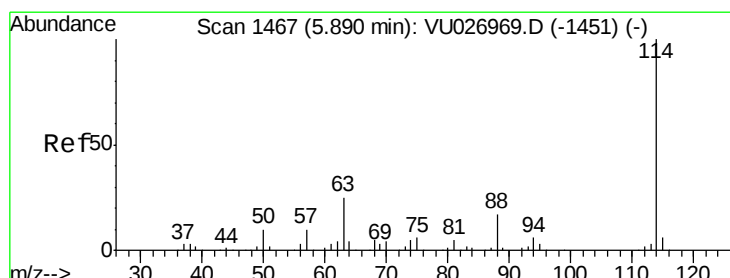
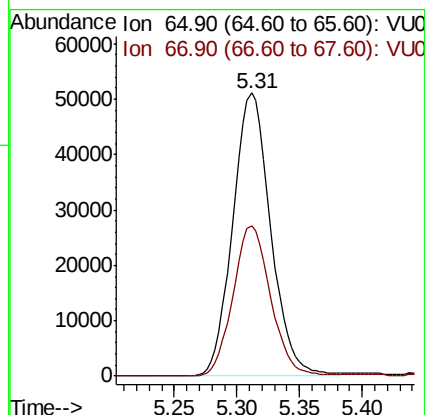
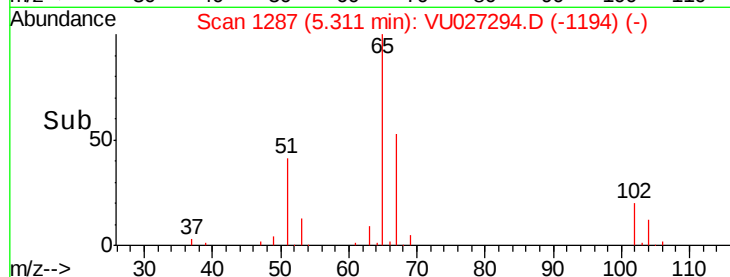
5.31

5.31

5.31

5.31

5.31



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027294.D

Acq: 29 Sep 2018 00:46

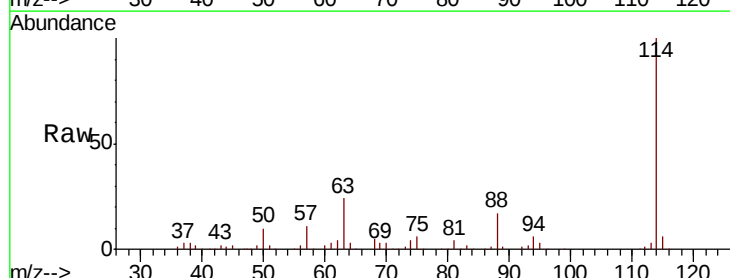
Tgt Ion: 114 Resp: 191620

Ion Ratio Lower Upper

114 100

63 24.2 0.0 49.2

88 17.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VU027294.D (-1374) (-)

Ion 63.00 (62.70 to 63.70): VU027294.D (-1374) (-)

Ion 87.90 (87.60 to 88.60): VU027294.D (-1374) (-)

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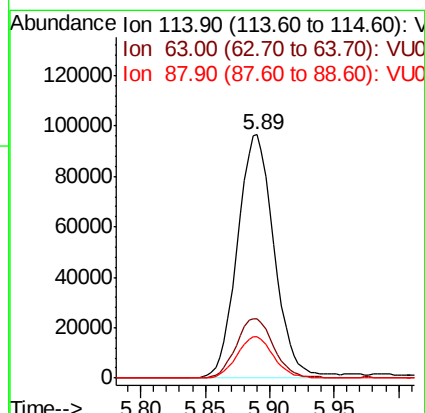
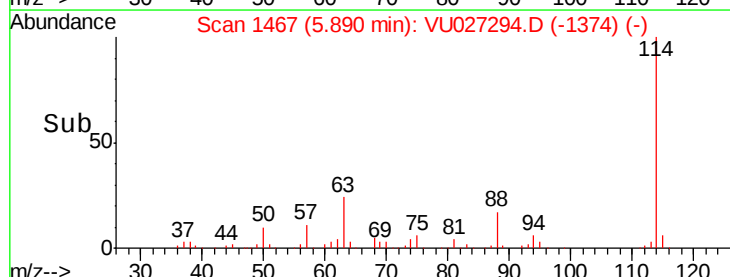
5.89

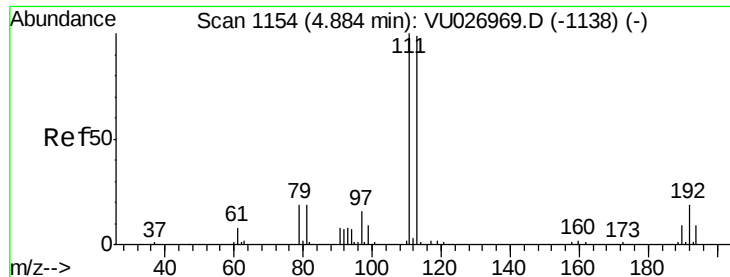
5.89

5.89

5.89

5.89

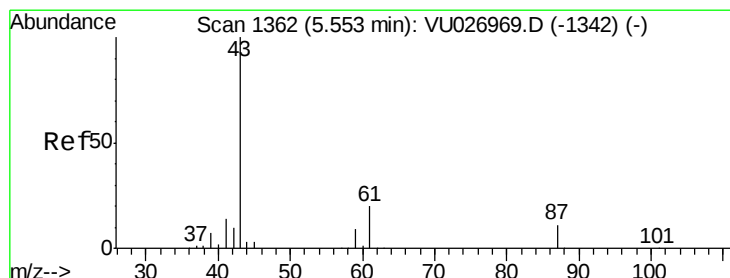
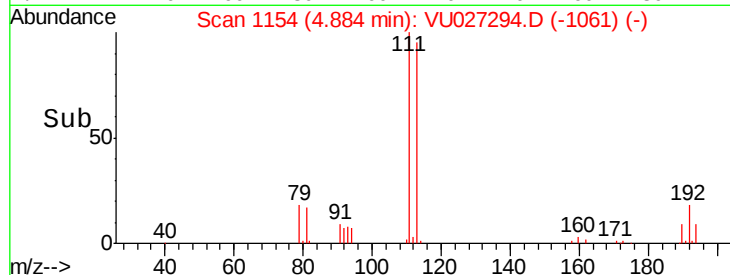
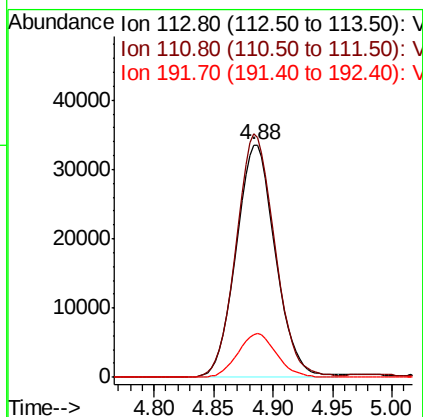
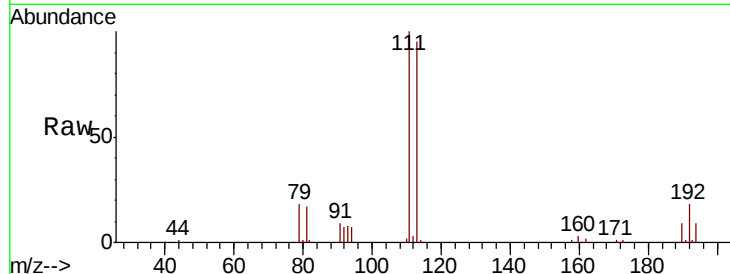




#35
 Dibromofluoromethane
 Concen: 46.251 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027294.D
 Acq: 29 Sep 2018 00:46

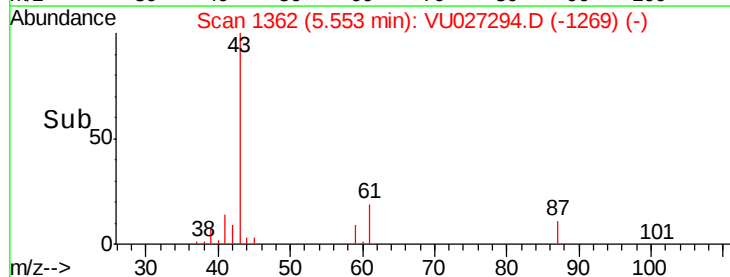
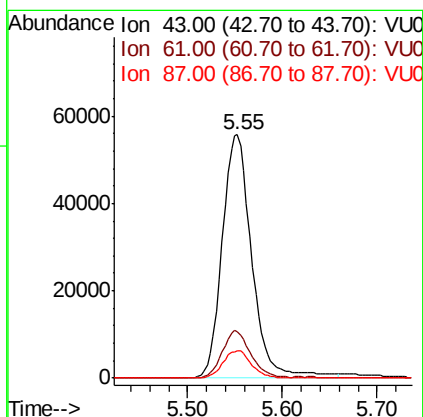
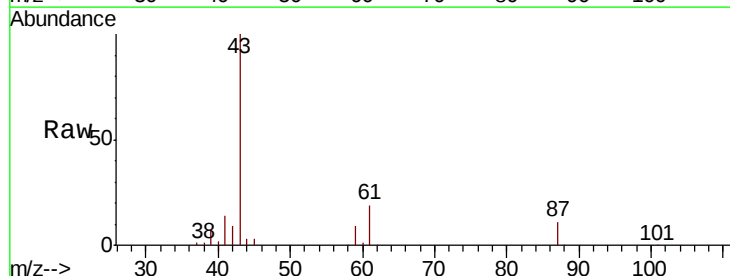
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113306ZHE#05

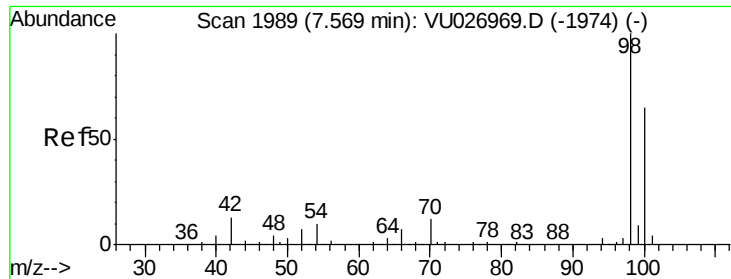
Tot Ion:113 Resp: 76821
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 18.5 15.2 22.8



#43
 Isopropyl Acetate
 Concen: 24.082 ug/l
 RT: 5.55 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VU027294.D
 Acq: 29 Sep 2018 00:46

Tgt Ion: 43 Resp: 121588
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.7 23.5
 87 10.7 9.0 13.4





#50

Toluene-d8

Concen: 47.738 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027294.D

Acq: 29 Sep 2018 00:46

Instrument :

MSVOA_U

ClientSampleId :

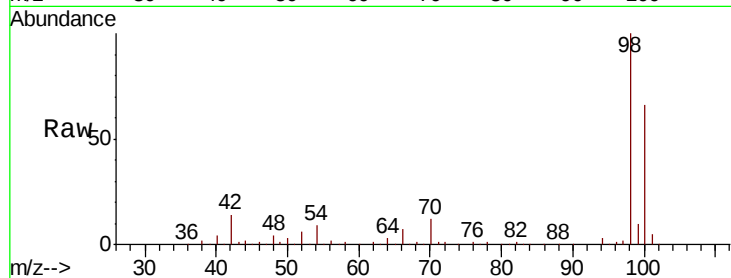
PB113306ZHE#05

Tot Ion: 98 Resp: 302185

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

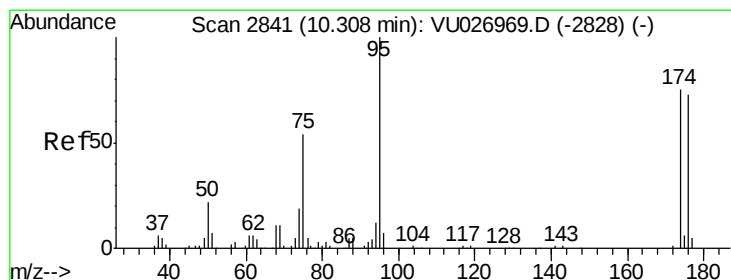
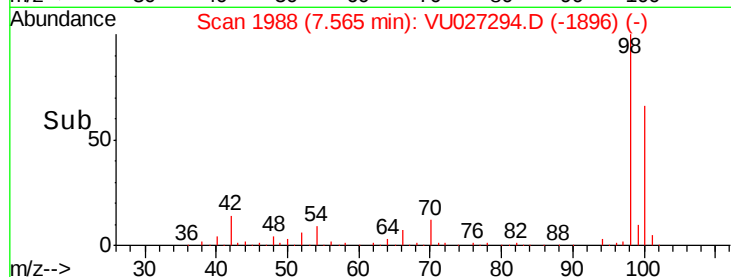
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.164 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027294.D

Acq: 29 Sep 2018 00:46

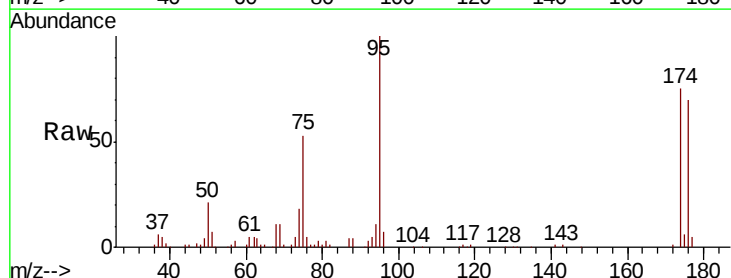
Tgt Ion: 95 Resp: 100270

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

176 70.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

10.31

80000

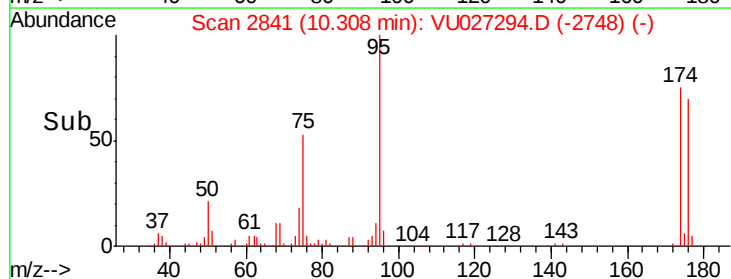
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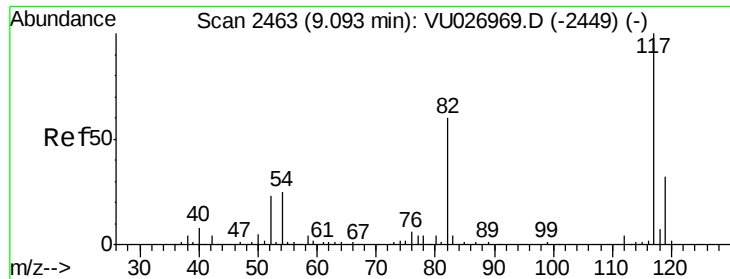
40000

20000

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Time-->

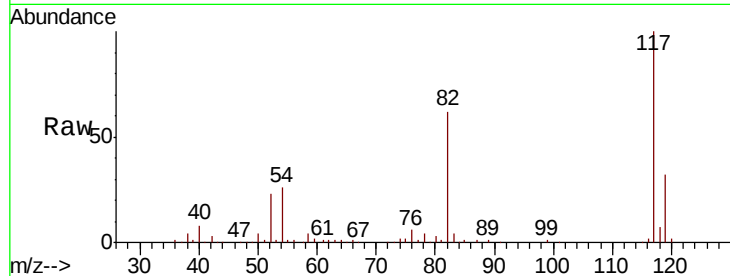




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027294.D
Acq: 29 Sep 2018 00:46

Instrument :
MSVOA_U
ClientSampleId :
PB113306ZHE#05

Tot Ion	Ratio	Lower	Upper
117	100		
82	62.0	48.0	72.0
119	31.6	25.8	38.8

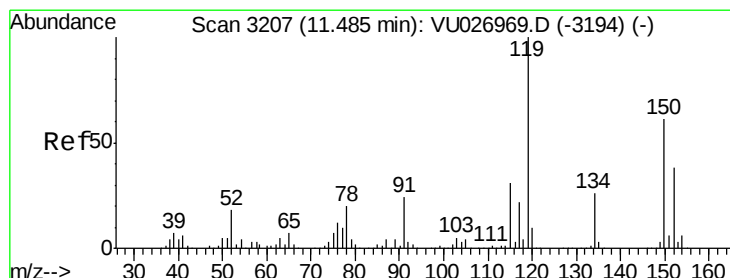
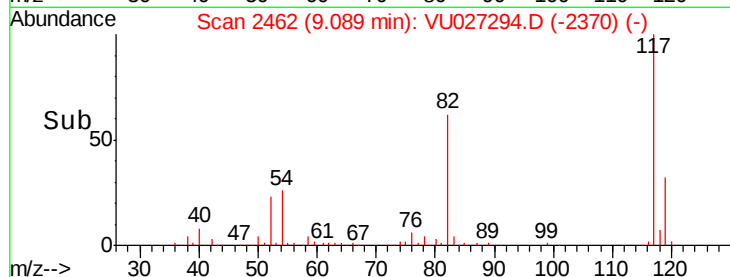
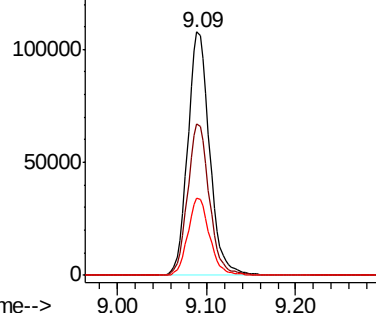


Abundance

Ion 116.90 (116.60 to 117.60): V

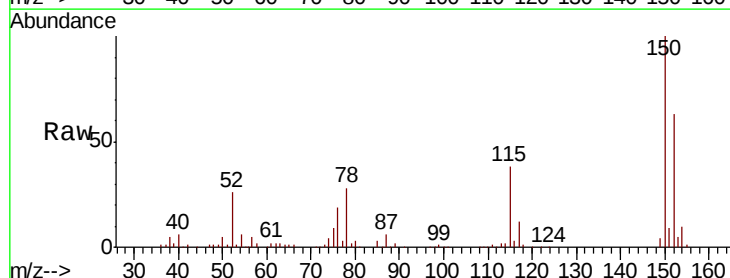
Ion 82.00 (81.70 to 82.70): V

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: VU027294.D
Acq: 29 Sep 2018 00:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	44.9	134.5
150	155.7	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

