

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028691.D
 Acq On : 14 Dec 2018 18:27
 Operator : MD/SY
 Sample : J6393-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9E_R1

Manual Integrations
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 12/17/2018 9:48:54 AM

Quant Time: Dec 15 01:12:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	78187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	140904	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	126475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	48984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	65816	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
35) Dibromofluoromethane	4.88	113	47986	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
50) Toluene-d8	7.57	98	179568	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	10.30	95	58621	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	1005m	0.906	ug/l	
44) Trichloroethene	6.18	130	770	0.763	ug/l	82
64) Tetrachloroethene	8.23	164	2844	3.371	ug/l	96

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

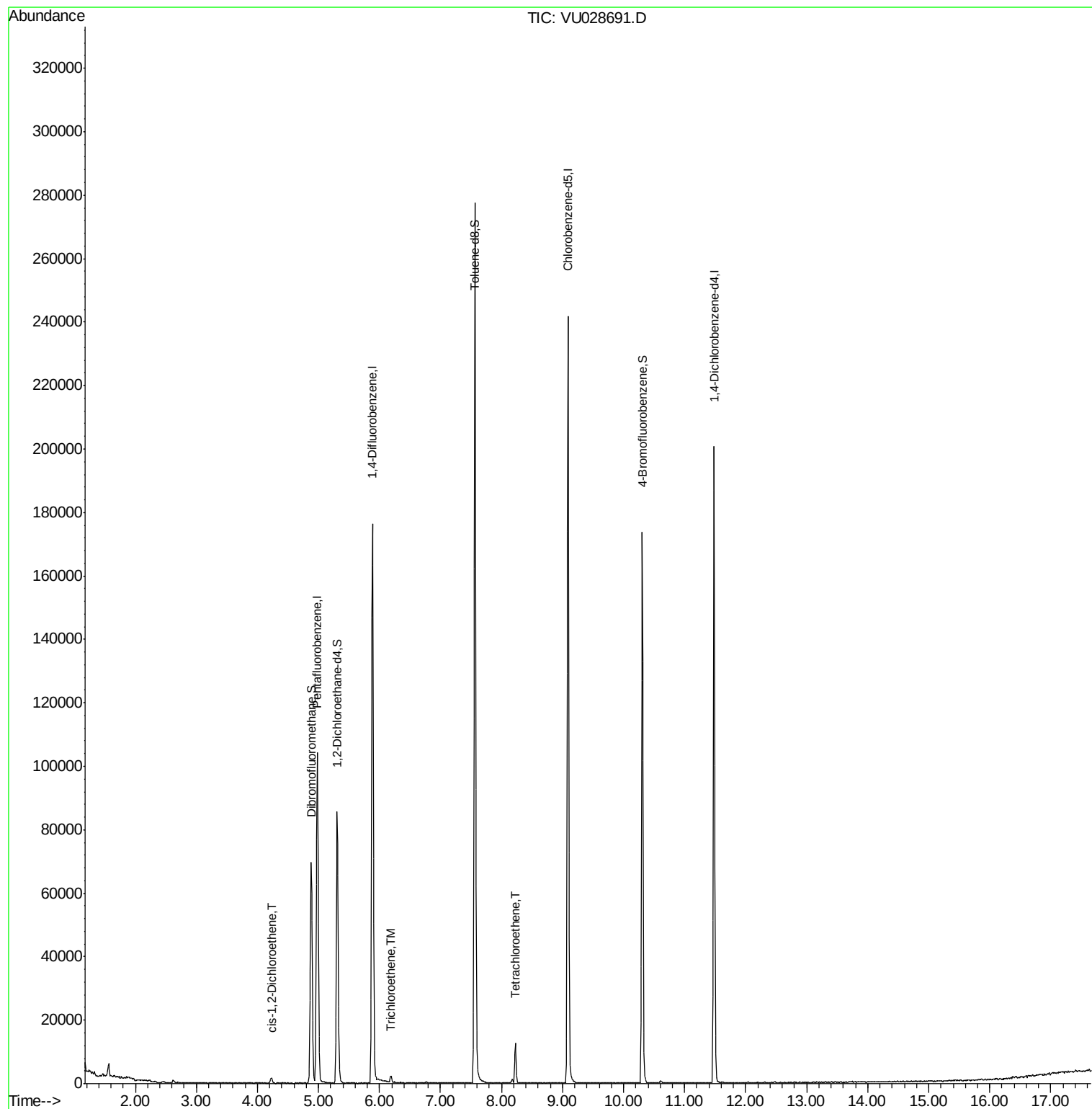
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
Data File : VU028691.D
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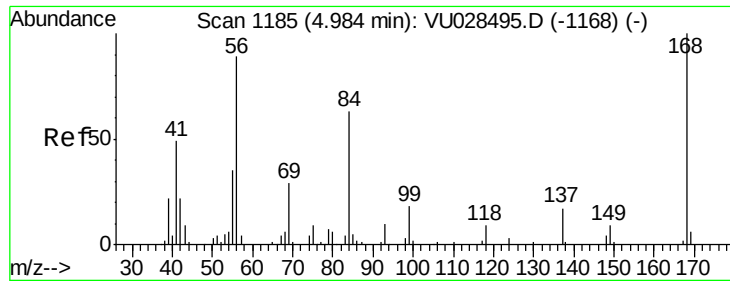
Instrument :
MSVOA_U
ClientSampleId :
MW-9E_R1

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

Instrument :

MSVOA_U

ClientSampled :

MW-9E_R1

Tgt Ion:168 Resp: 78187

Ion Ratio Lower Upper

168 100

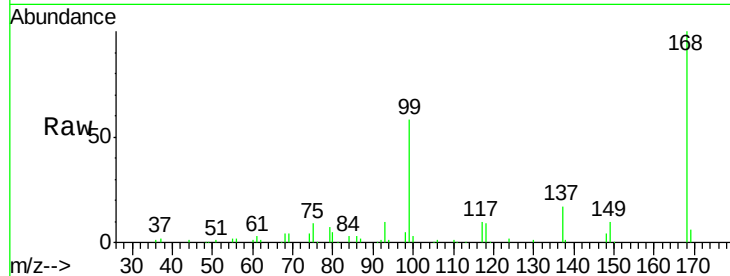
99 58.4 46.6 69.8

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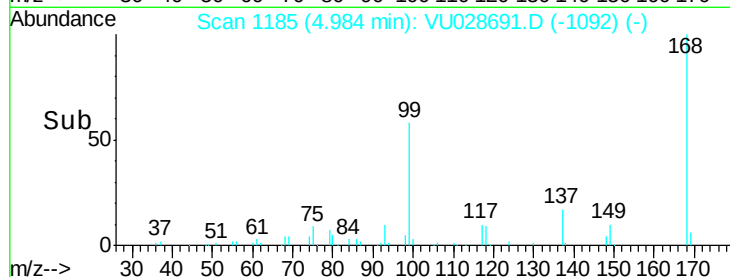


Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

4.90 4.95 5.00 5.05

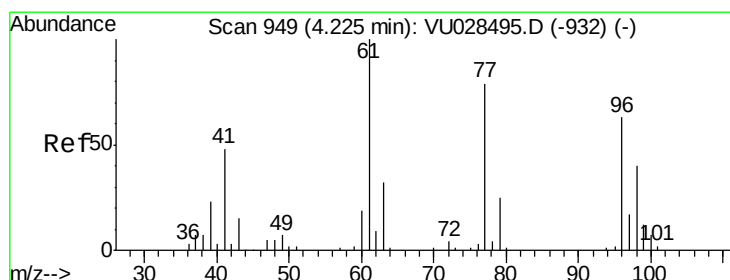


Abundance Ion 167.90 (167.60 to 168.60): VU028691.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028691.D (-1092) (-)

4.98

4.90 4.95 5.00 5.05



#27

cis-1,2-Dichloroethene

Concen: 0.906 ug/l m

RT: 4.23 min Scan# 952

Delta R.T. 0.01 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

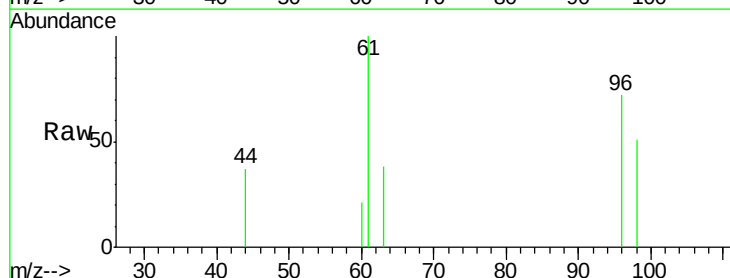
Tgt Ion: 96 Resp: 1005

Ion Ratio Lower Upper

96 100

61 140.9 0.0 332.4

98 49.8 0.0 129.0



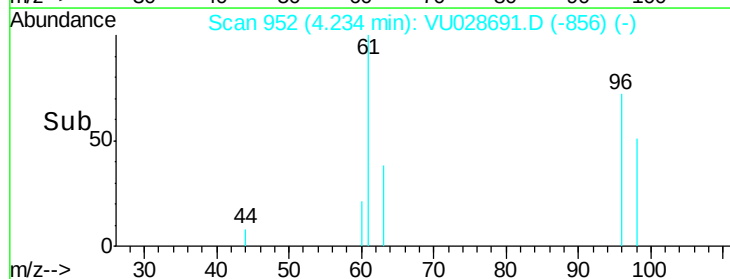
Abundance Ion 95.90 (95.60 to 96.60): VU028495.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VU028495.D (-932) (-)

Ion 97.90 (97.60 to 98.60): VU028495.D (-932) (-)

4.23

4.20 4.25 4.30



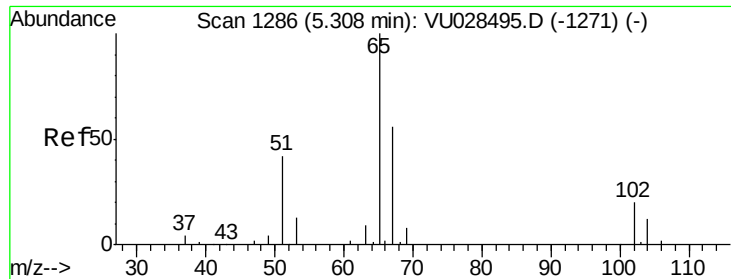
Abundance Ion 95.90 (95.60 to 96.60): VU028691.D (-856) (-)

Ion 60.90 (60.60 to 61.60): VU028691.D (-856) (-)

Ion 97.90 (97.60 to 98.60): VU028691.D (-856) (-)

4.23

4.20 4.25 4.30



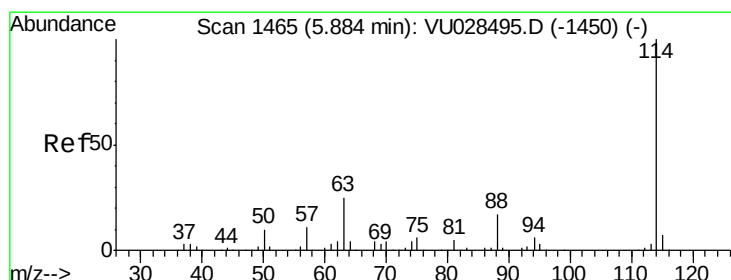
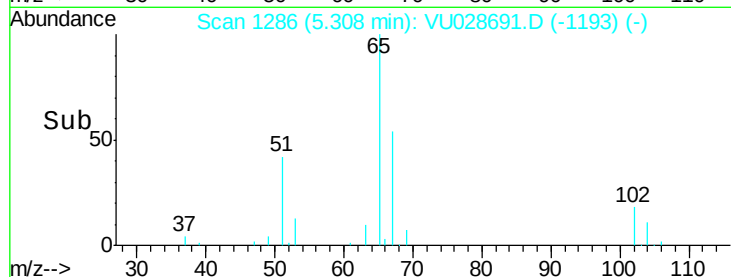
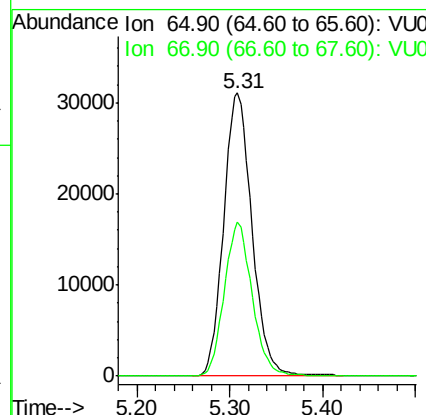
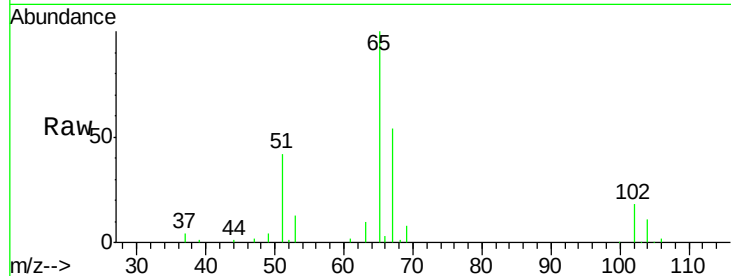
#33
 1,2-Dichloroethane-d4
 Concen: 55.160 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9E_R1

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	65816		
67	53.3	0.0	110.6	

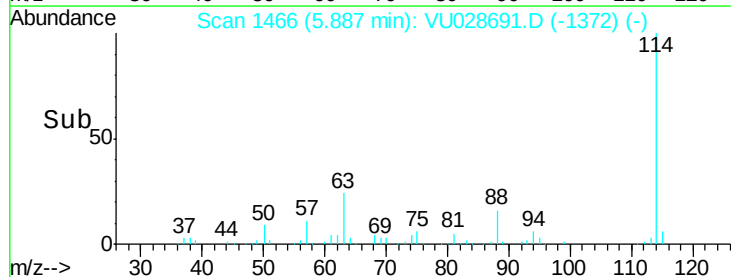
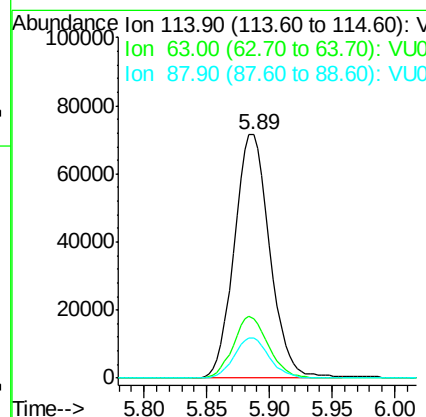
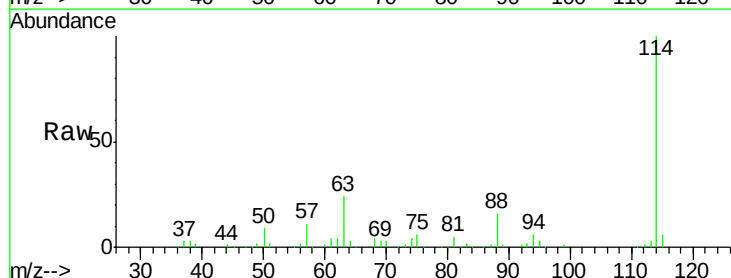
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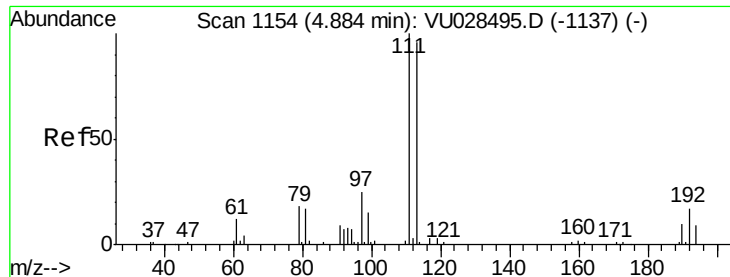
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	140904		
63	24.3	0.0	49.2	
88	16.5	0.0	33.4	





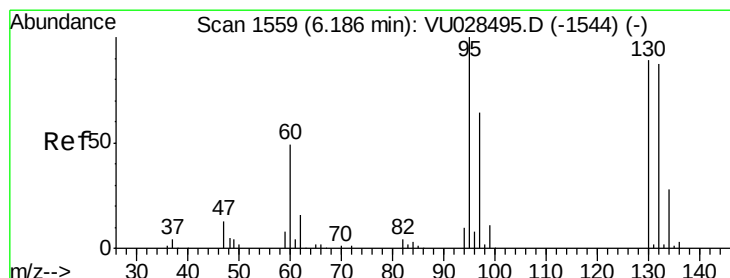
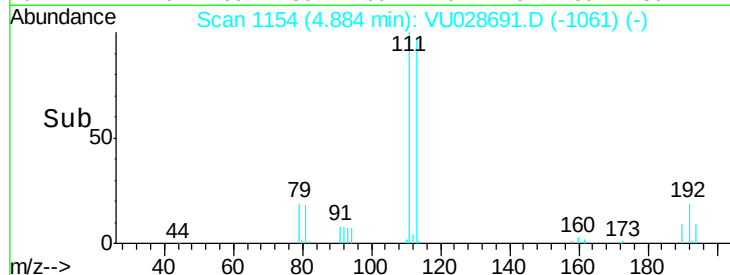
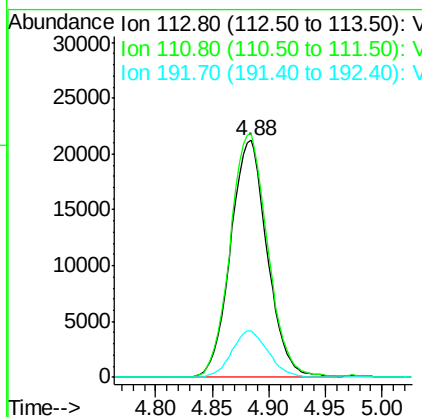
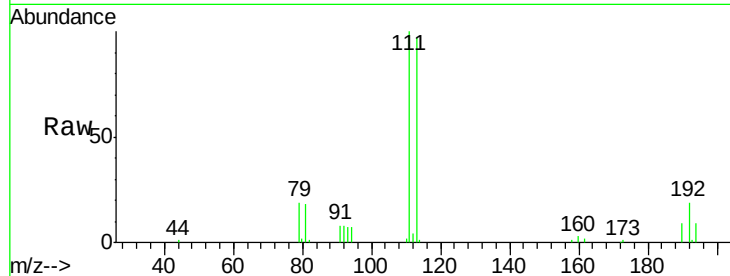
#35
 Dibromofluoromethane
 Concen: 54.116 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-9E_R1

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	47986		
111	105.2		83.4	125.0
192	19.4		14.8	22.2

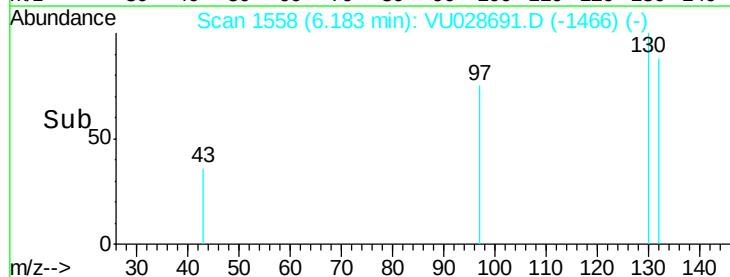
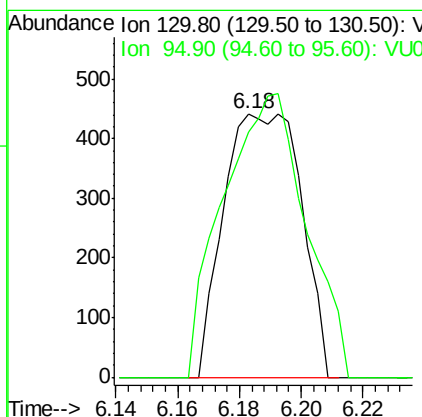
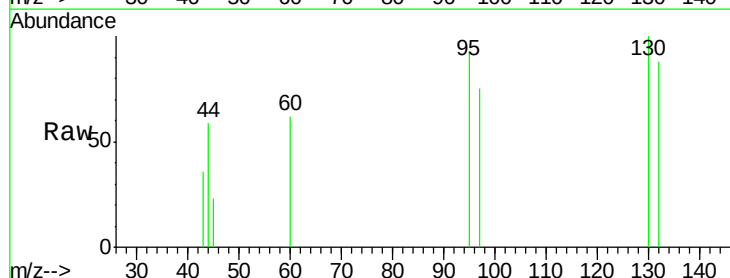
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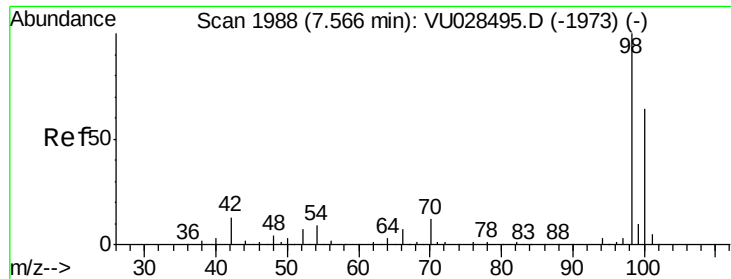
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#44
 Trichloroethene
 Concen: 0.763 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU028691.D
 Acq: 14 Dec 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	770		
95	93.0		0.0	224.0





#50

Toluene-d8

Concen: 51.193 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

MW-9E_R1

Tgt Ion: 98 Resp: 179568

Ion Ratio Lower Upper

98 100

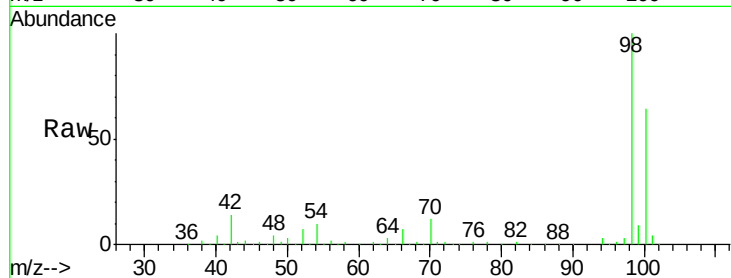
100 64.2 51.0 76.6

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Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.57

100000

80000

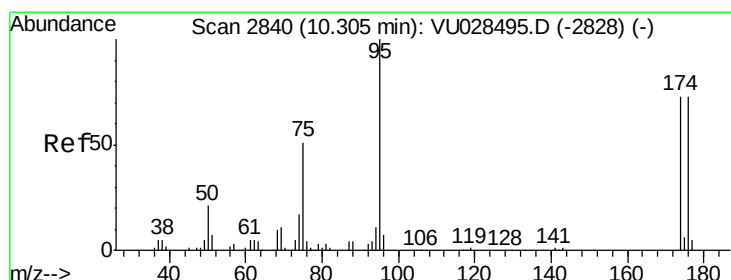
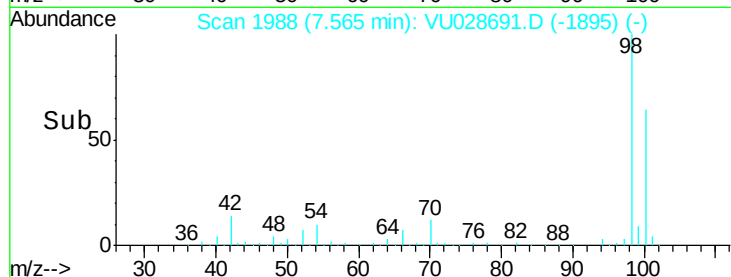
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.713 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028691.D

Acq: 14 Dec 2018 18:27

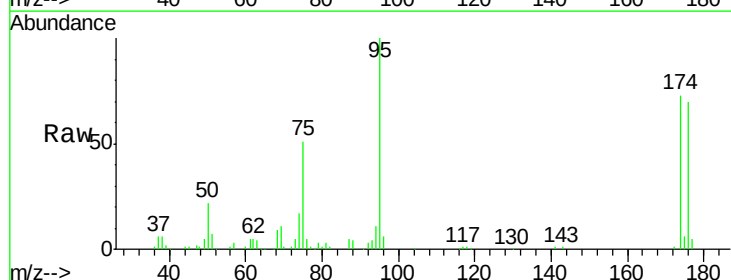
Tgt Ion: 95 Resp: 58621

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.4

176 72.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.30

50000

40000

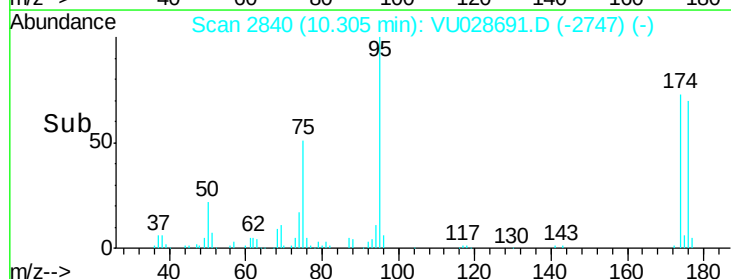
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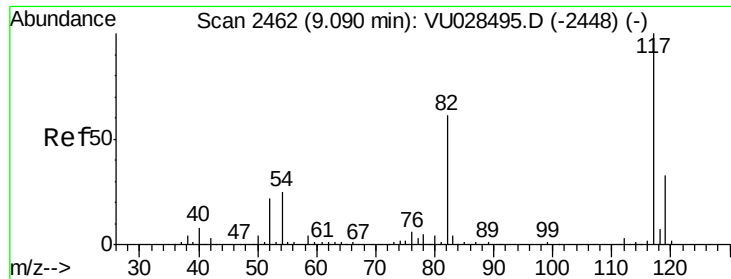
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Time-->





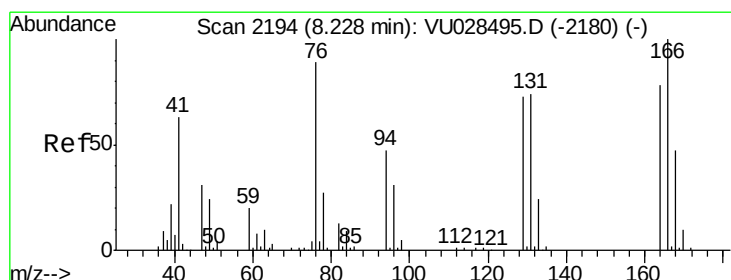
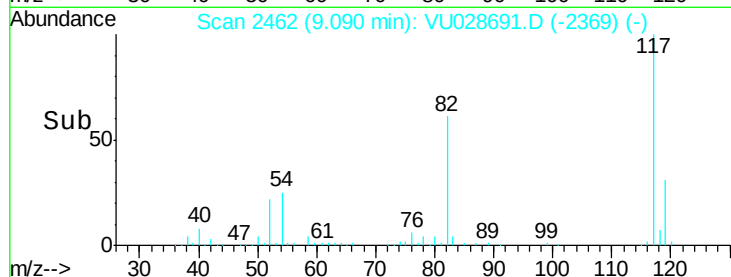
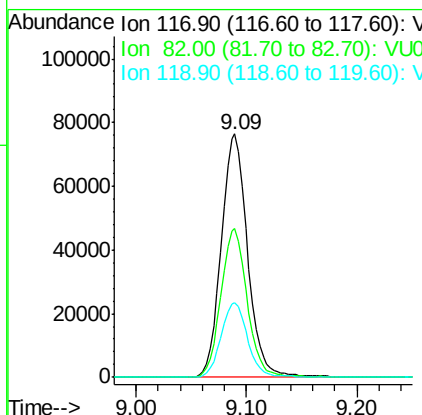
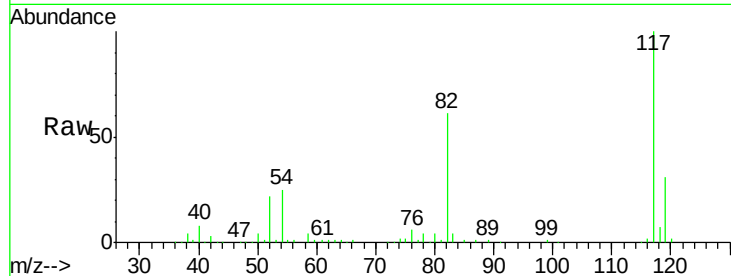
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028691.D
Acq: 14 Dec 2018 18:27

Instrument :
MSVOA_U
ClientSampled :
MW-9E_R1

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	126475		
82	61.0	48.9	73.3	
119	30.8	26.2	39.4	

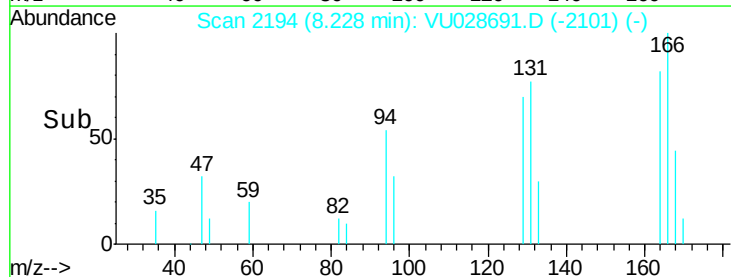
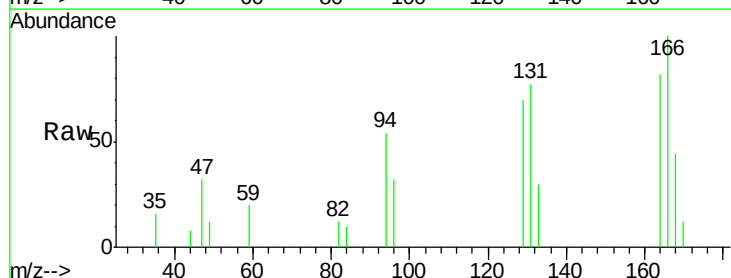
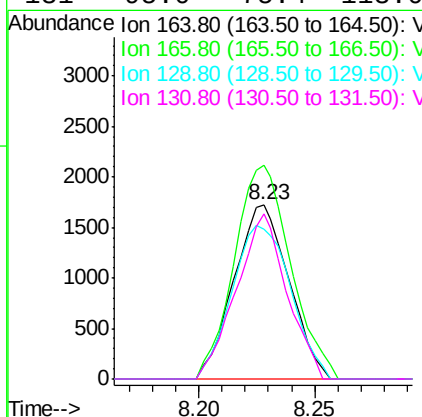
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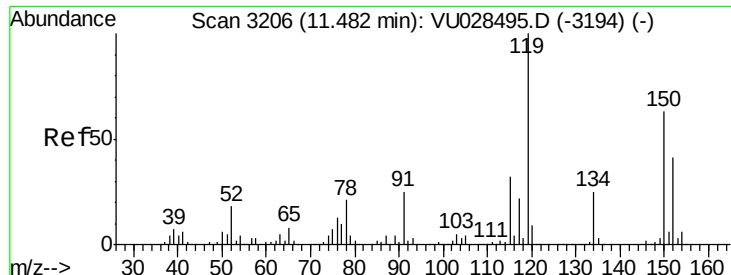
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#64
Tetrachloroethene
Concen: 3.371 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028691.D
Acq: 14 Dec 2018 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	2844		
166	122.6	101.9	152.9	
129	86.2	74.9	112.3	
131	95.0	75.4	113.0	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028691.D

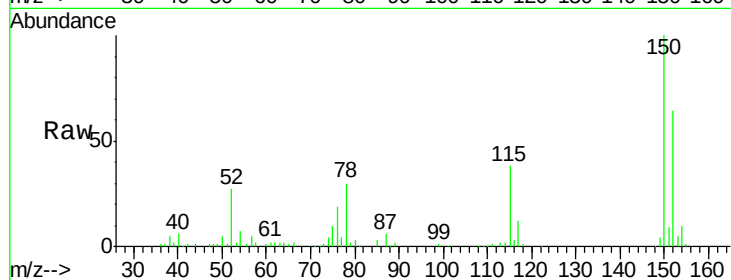
Acq: 14 Dec 2018 18:27

Instrument :

MSVOA_U

ClientSampleId :

MW-9E_R1



Tgt Ion:152 Resp: 48984

Ion Ratio Lower Upper

152 100

115 58.7 42.7 128.1

150 155.4 0.0 346.0

Manual Integrations
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