

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121518\
 Data File : VU028694.D
 Acq On : 14 Dec 2018 19:40
 Operator : MD/SY
 Sample : J6393-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10C_R1

Quant Time: Dec 17 10:03:04 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

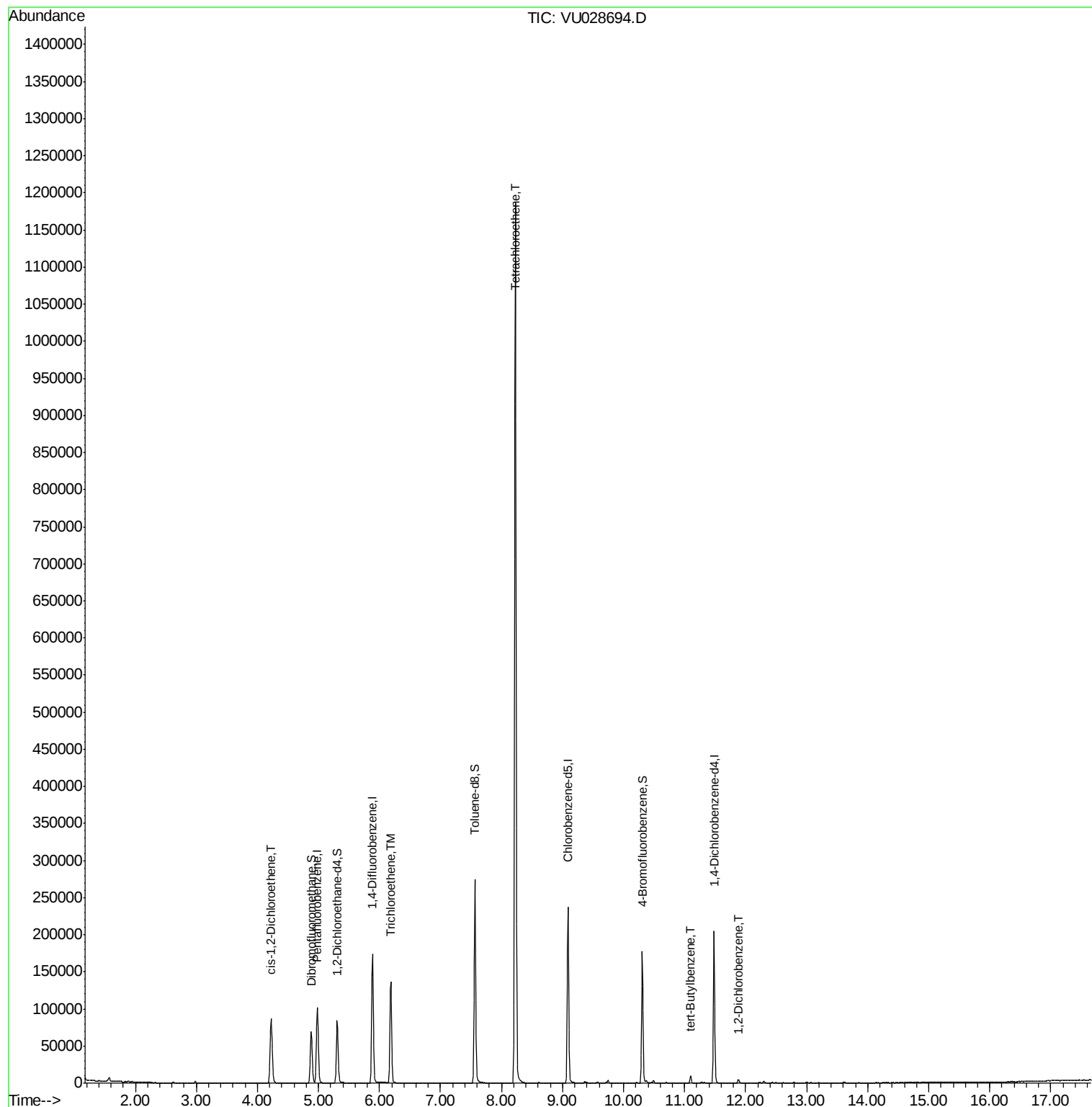
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	77241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	137530	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	126561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50148	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	64964	55.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.22%	
35) Dibromofluoromethane	4.88	113	48439	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
50) Toluene-d8	7.57	98	178666	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
62) 4-Bromofluorobenzene	10.30	95	59304	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.22	96	47374	43.227	ug/l	89
44) Trichloroethene	6.18	130	44181	44.829	ug/l	98
64) Tetrachloroethene	8.23	164	251226	297.593	ug/l	99
83) tert-Butylbenzene	11.10	119	4272	1.391	ug/l	88
91) 1,2-Dichlorobenzene	11.88	146	2187	1.287	ug/l	94

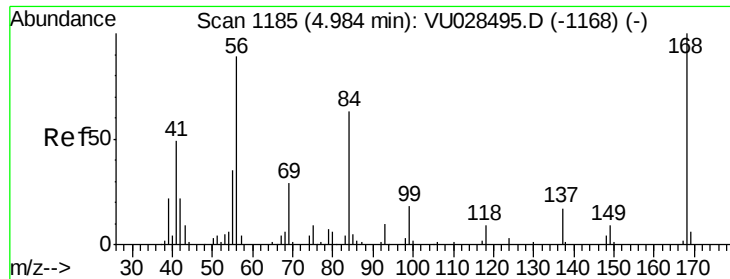
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VU028694.D

Acq: 14 Dec 2018 19:40

Instrument :

MSVOA_U

ClientSampleId :

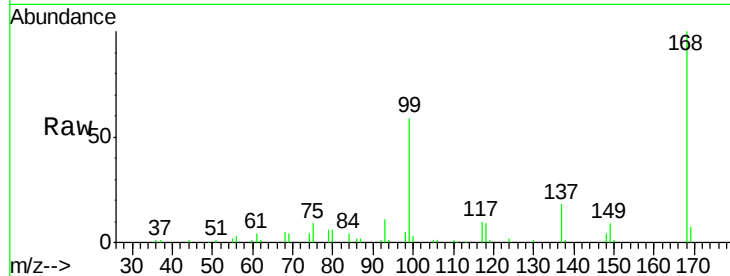
MW-10C_R1

Tgt Ion:168 Resp: 77241

Ion Ratio Lower Upper

168 100

99 59.2 46.6 69.8



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

30000

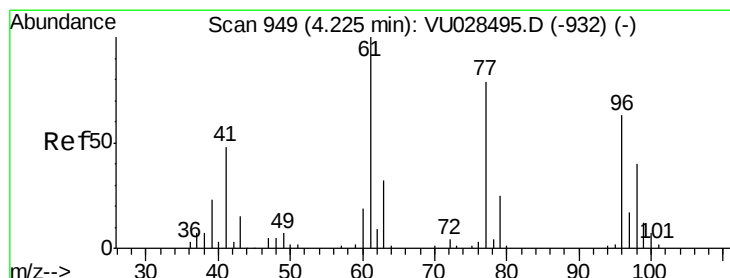
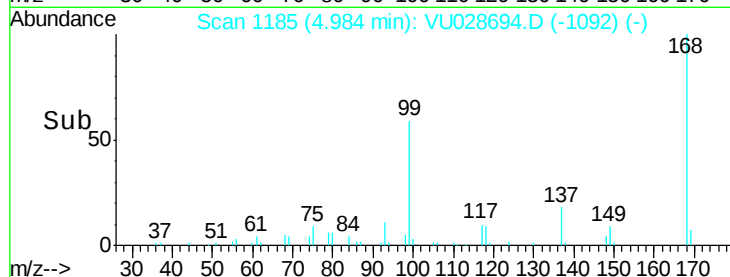
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#27

cis-1,2-Dichloroethene

Concen: 43.227 ug/l

RT: 4.22 min Scan# 949

Delta R.T. -0.00 min

Lab File: VU028694.D

Acq: 14 Dec 2018 19:40

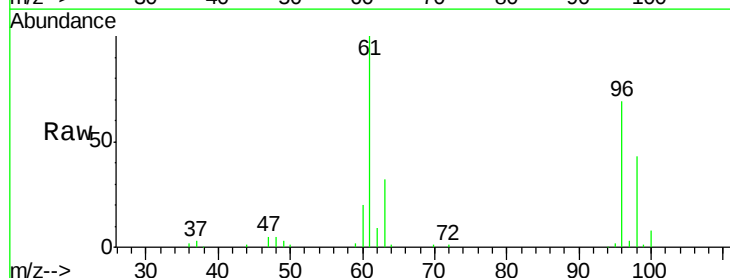
Tgt Ion: 96 Resp: 47374

Ion Ratio Lower Upper

96 100

61 145.7 0.0 332.4

98 63.3 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) (-)

4.22

30000

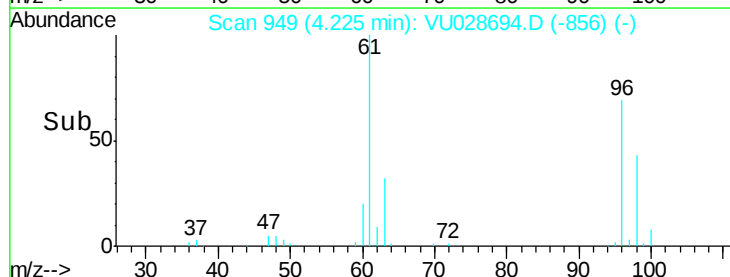
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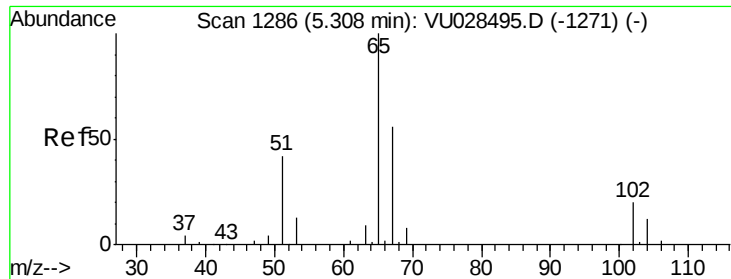
10000

0

4.20 4.30

Time-->

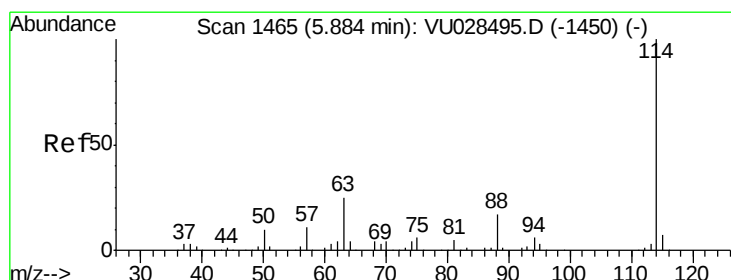
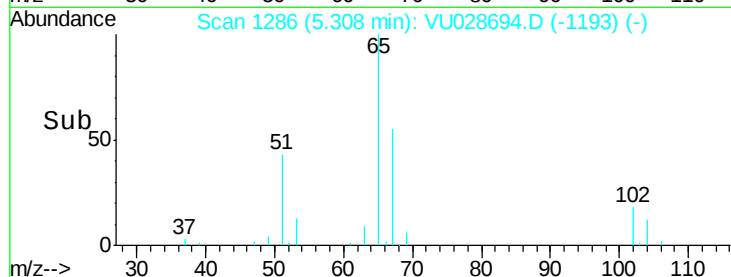
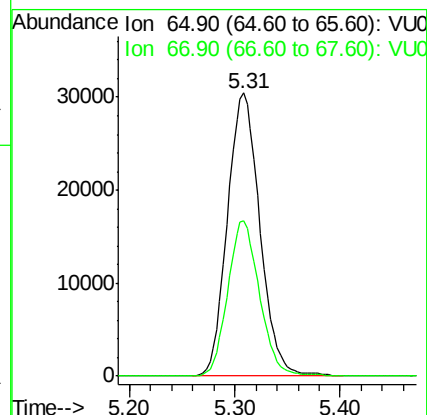
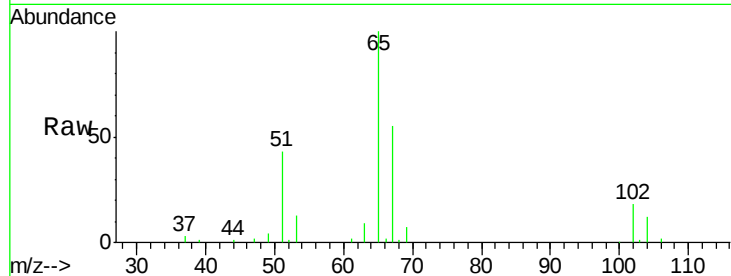




#33
 1,2-Dichloroethane-d4
 Concen: 55.113 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028694.D
 Acq: 14 Dec 2018 19:40

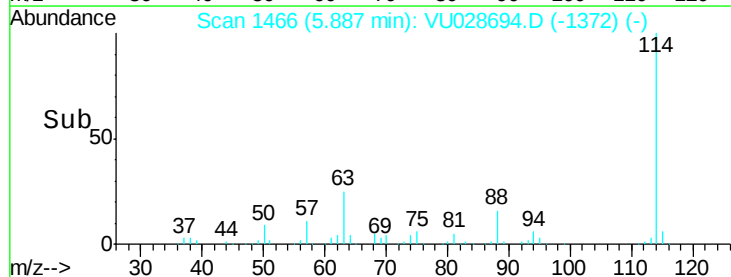
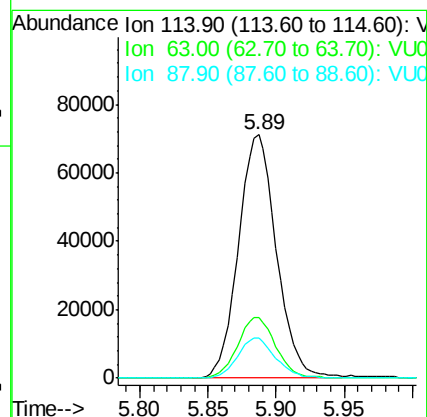
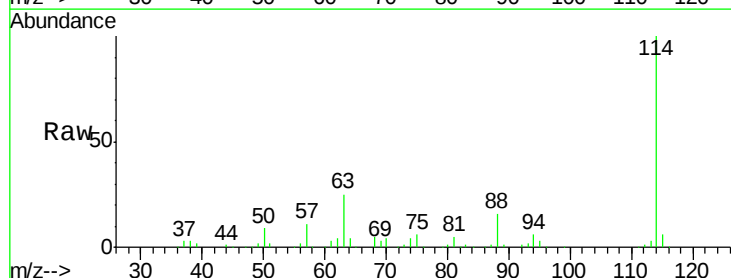
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10C_R1

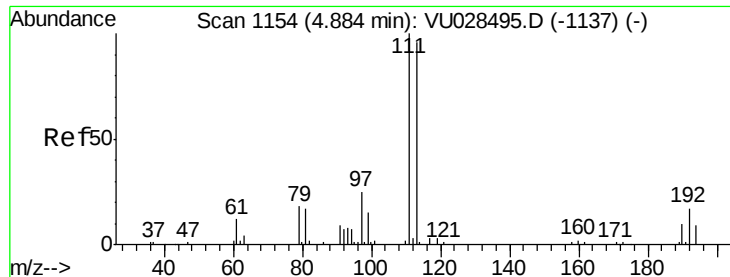
Tgt Ion: 65 Resp: 64964
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028694.D
 Acq: 14 Dec 2018 19:40

Tgt Ion: 114 Resp: 137530
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.3 0.0 33.4

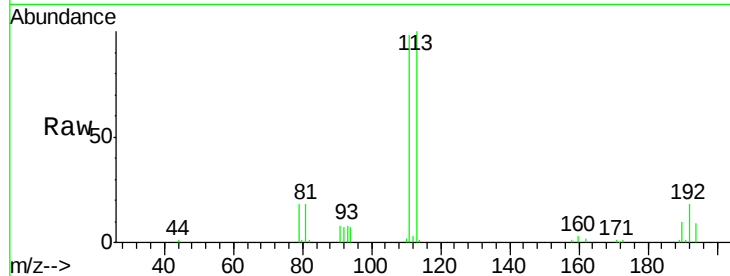




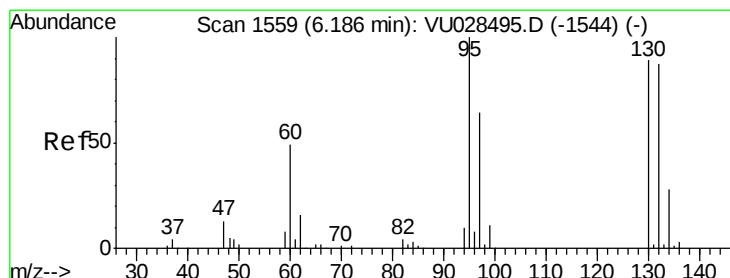
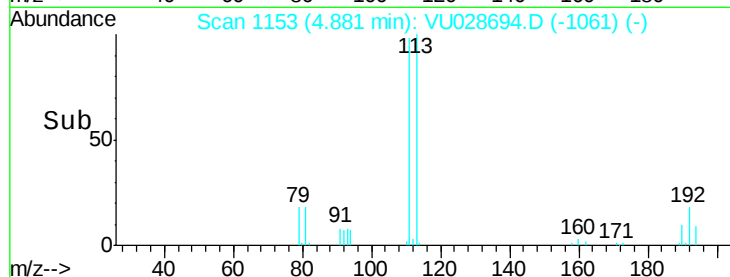
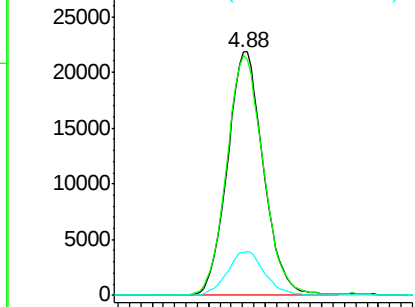
#35
Dibromofluoromethane
Concen: 55.967 ug/l
RT: 4.88 min Scan# 1153
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :
MW-10C_R1

Tgt Ion:113 Resp: 48439
Ion Ratio Lower Upper
113 100
111 100.2 83.4 125.0
192 18.5 14.8 22.2

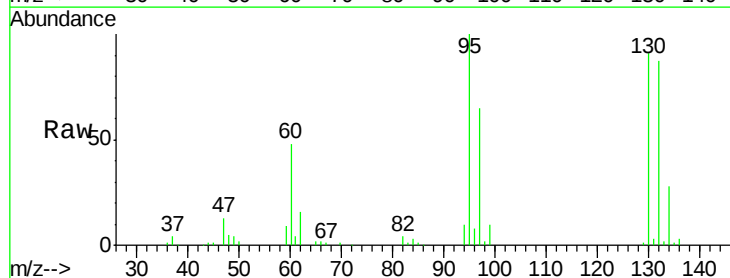


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

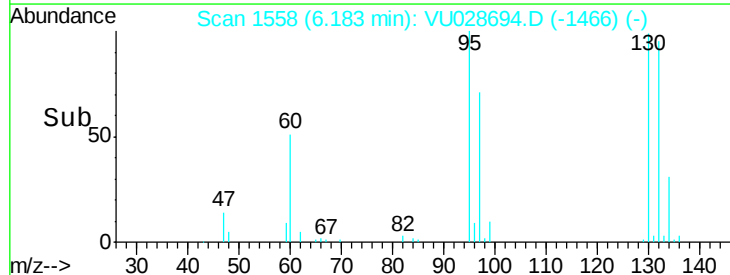
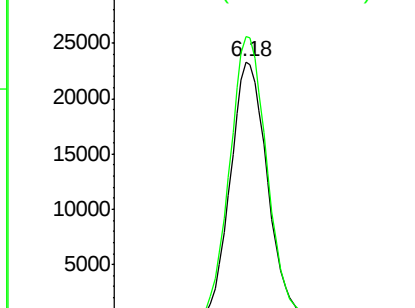


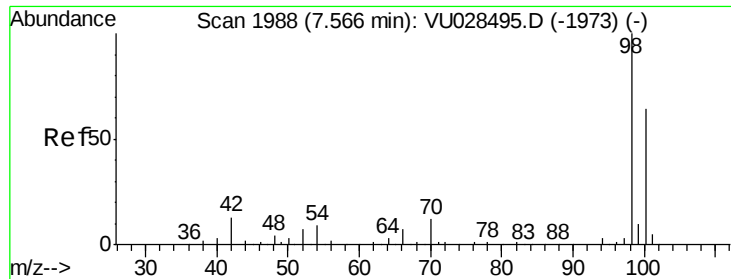
#44
Trichloroethene
Concen: 44.829 ug/l
RT: 6.18 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion:130 Resp: 44181
Ion Ratio Lower Upper
130 100
95 109.8 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VU0

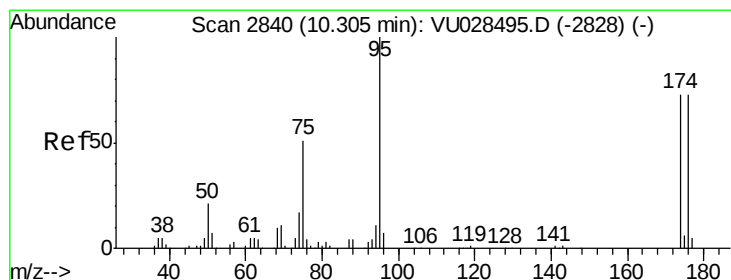
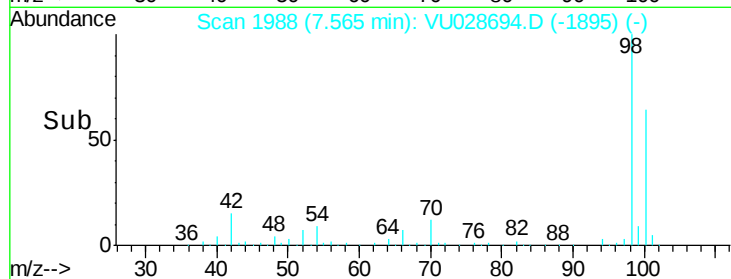
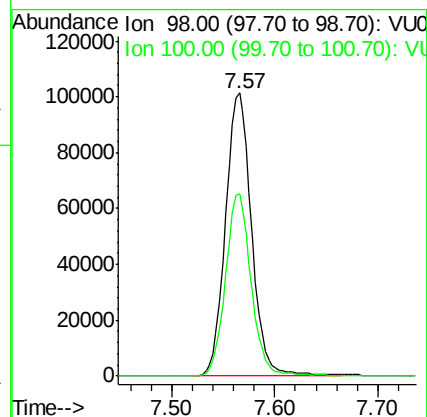
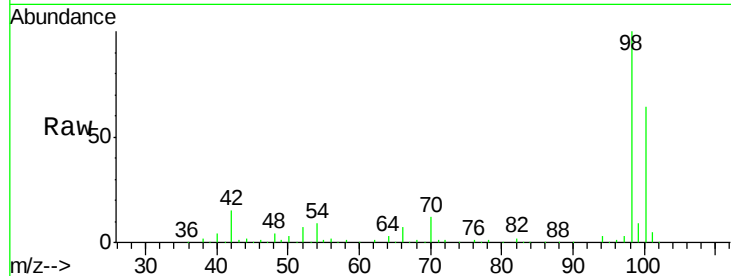




#50
Toluene-d8
Concen: 52.185 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

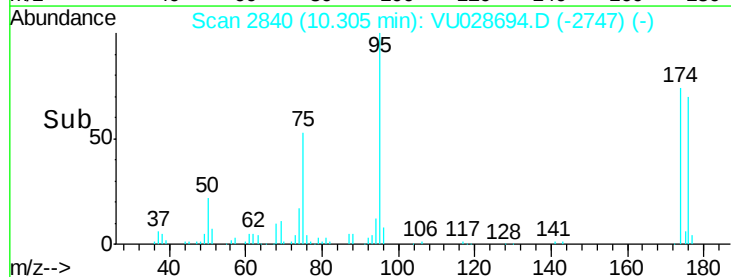
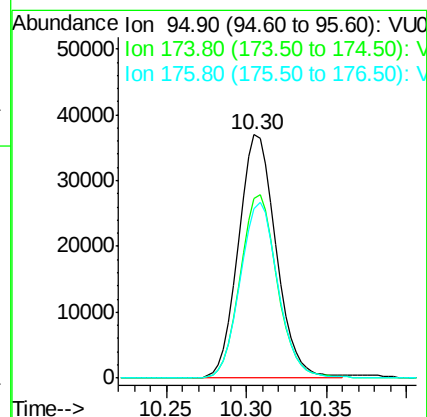
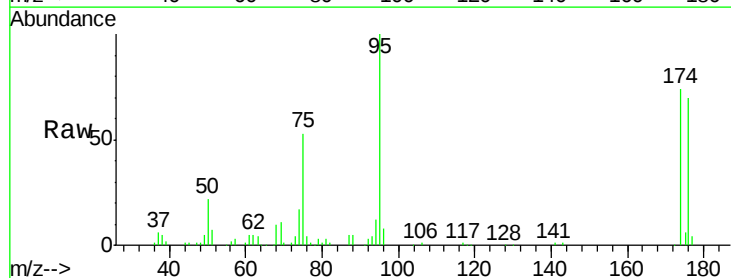
Instrument :
MSVOA_U
ClientSampleId :
MW-10C_R1

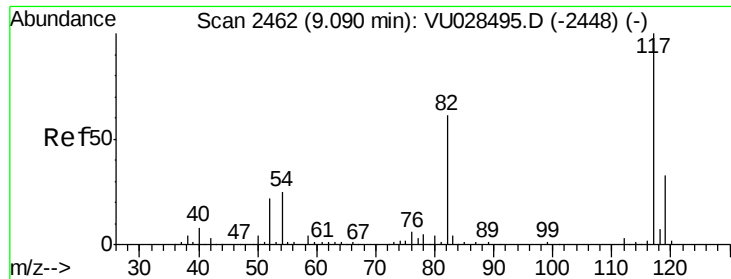
Tgt Ion: 98 Resp: 178666
Ion Ratio Lower Upper
98 100
100 63.1 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 46.344 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion: 95 Resp: 59304
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.4
176 72.1 0.0 145.2

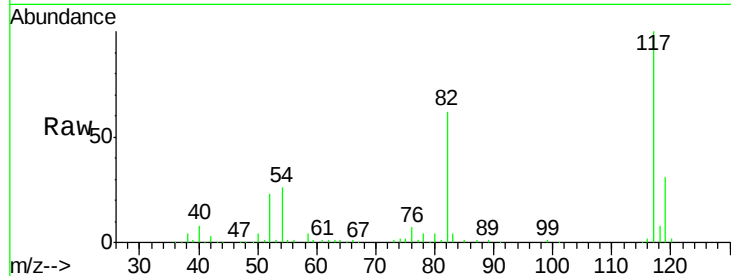




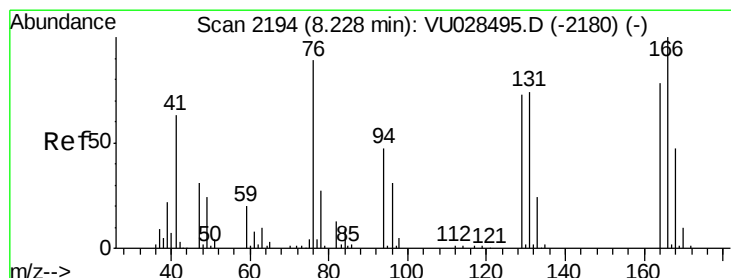
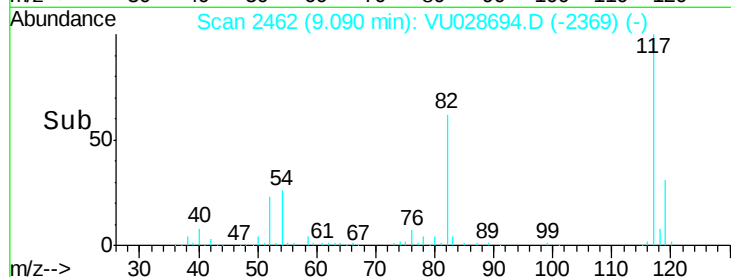
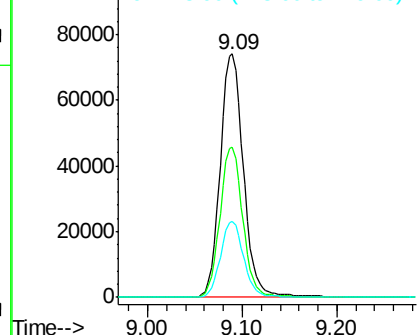
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Instrument :
MSVOA_U
ClientSampleId :
MW-10C_R1

Tgt Ion:117 Resp: 126561
Ion Ratio Lower Upper
117 100
82 61.6 48.9 73.3
119 31.3 26.2 39.4



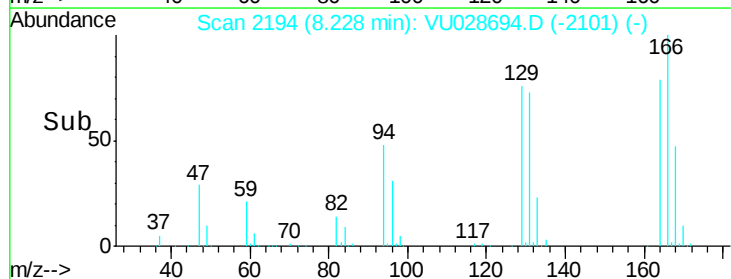
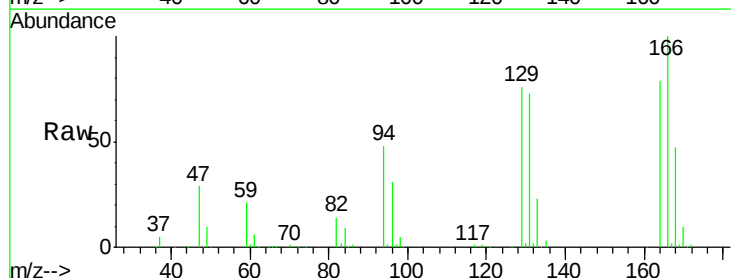
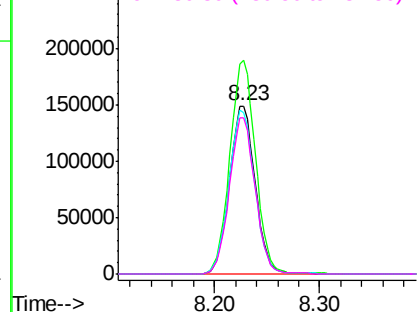
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

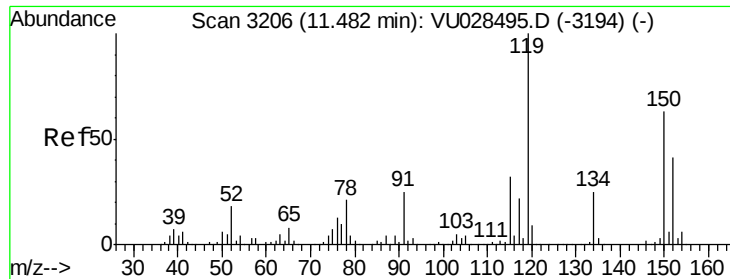


#64
Tetrachloroethene
Concen: 297.593 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028694.D
Acq: 14 Dec 2018 19:40

Tgt Ion:164 Resp: 251226
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 96.3 74.9 112.3
131 93.3 75.4 113.0

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028694.D

Acq: 14 Dec 2018 19:40

Instrument :

MSVOA_U

ClientSampleId :

MW-10C_R1

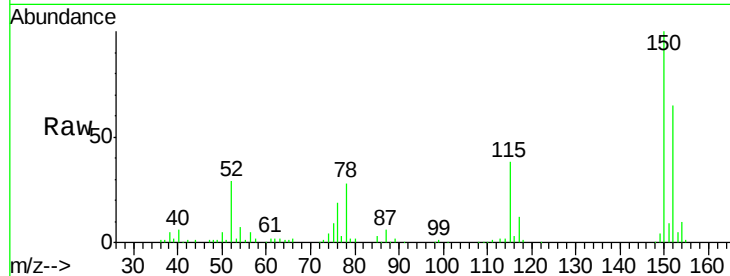
Tgt Ion:152 Resp: 50148

Ion Ratio Lower Upper

152 100

115 59.0 42.7 128.1

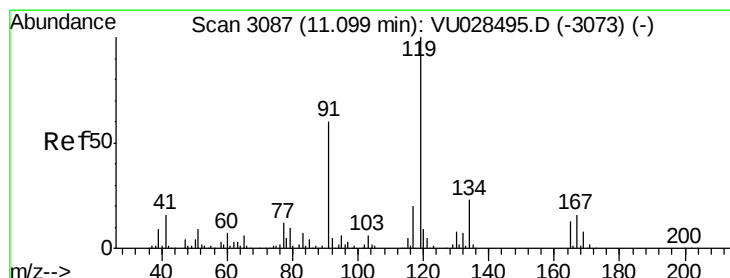
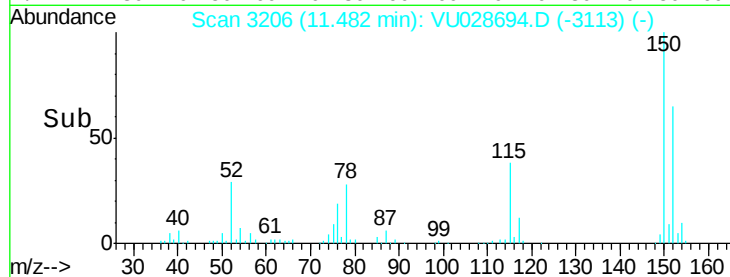
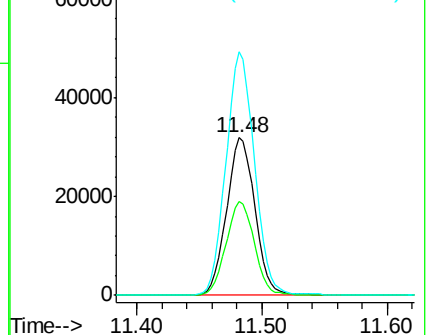
150 155.7 0.0 346.0



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



#83

tert-Butylbenzene

Concen: 1.391 ug/l

RT: 11.10 min Scan# 3087

Delta R.T. -0.00 min

Lab File: VU028694.D

Acq: 14 Dec 2018 19:40

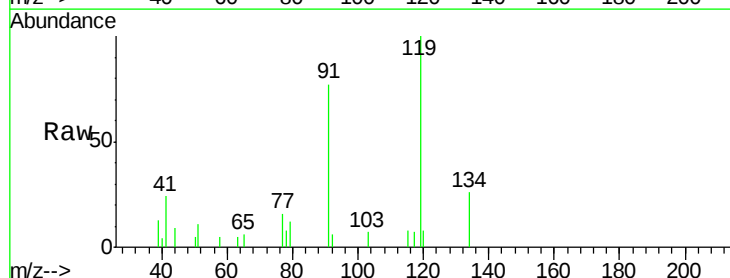
Tgt Ion:119 Resp: 4272

Ion Ratio Lower Upper

119 100

91 72.7 30.3 91.0

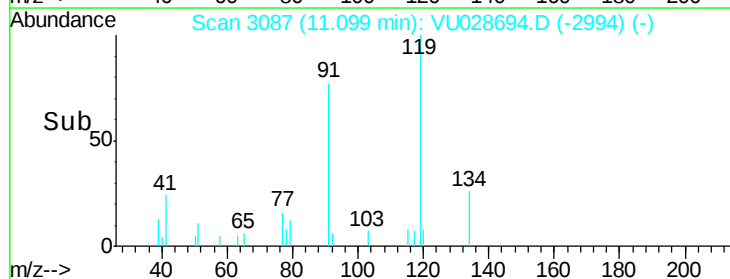
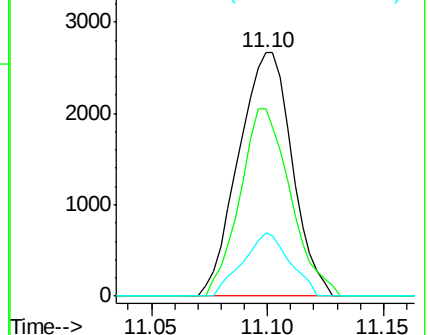
134 22.9 11.2 33.5

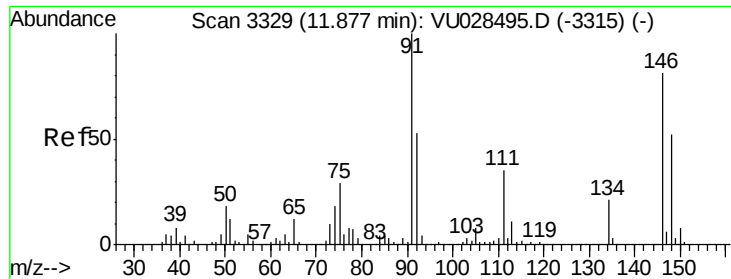


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V

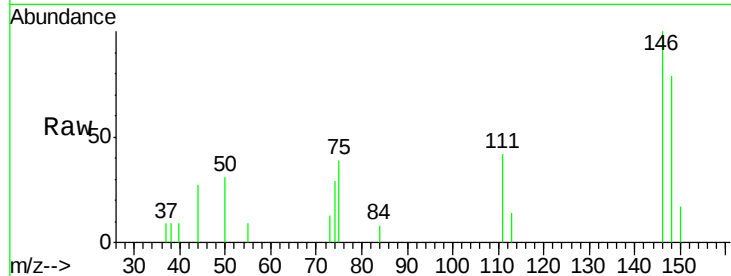




#91
 1,2-Dichlorobenzene
 Concen: 1.287 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. -0.00 min
 Lab File: VU028694.D
 Acq: 14 Dec 2018 19:40

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10C_R1

Tgt Ion:146 Resp: 2187
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.4
 148 69.9 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

