

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028094.D
 Acq On : 13 Nov 2018 16:06
 Operator : MD/SY
 Sample : J5885-02DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1DL

Quant Time: Nov 14 07:53:33 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

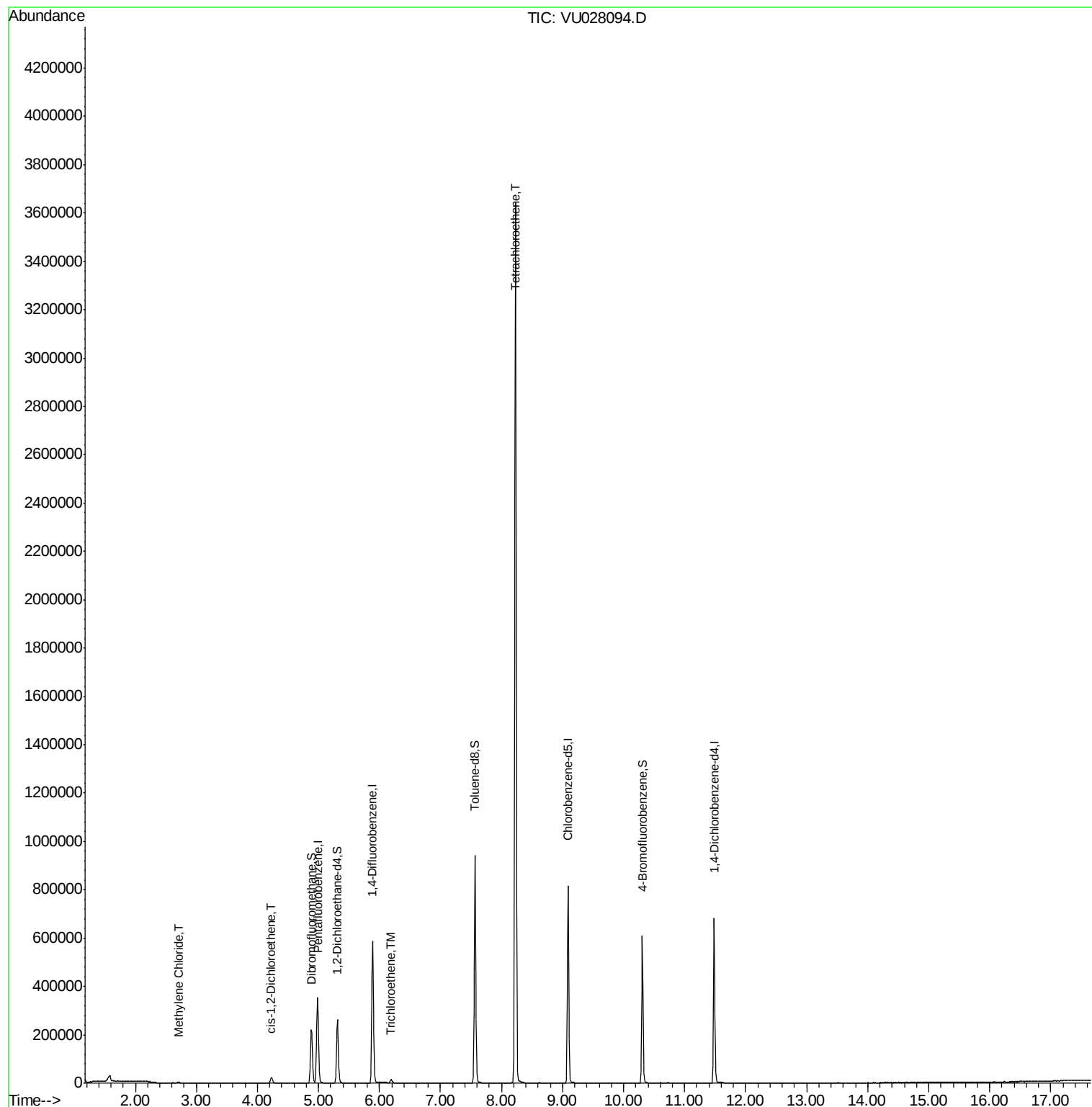
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	267901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	485792	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	425965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	173616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	204583	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
35) Dibromofluoromethane	4.88	113	155183	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
50) Toluene-d8	7.57	98	619716	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
62) 4-Bromofluorobenzene	10.31	95	202360	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						
20) Methylene Chloride	2.70	84	2044	0.566	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	12137	3.340	ug/l	87
44) Trichloroethene	6.19	130	5677	1.698	ug/l	93
64) Tetrachloroethene	8.23	164	799667	289.517	ug/l	100

(#) = 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: VU028094.D

Acq: 13 Nov 2018 16:06

Instrument :

MSVOA_U

ClientSampleId :

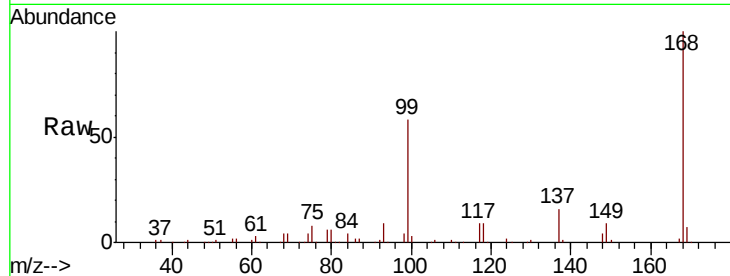
MW-1DL

Tot Ion:168 Resp: 267901

Ion Ratio Lower Upper

168 100

99 57.5 47.9 71.9



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

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)

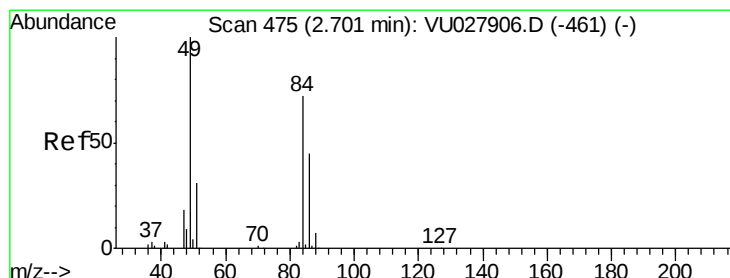
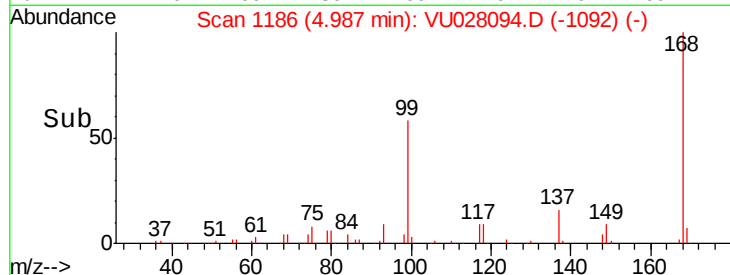
4.99

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 0.566 ug/l

RT: 2.70 min Scan# 475

Delta R.T. -0.00 min

Lab File: VU028094.D

Acq: 13 Nov 2018 16:06

Tgt Ion: 84 Resp: 2044

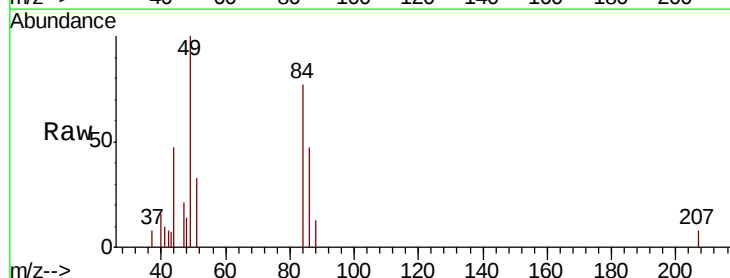
Ion Ratio Lower Upper

84 100

49 129.4 111.6 167.4

51 43.0 34.8 52.2

86 61.2 50.1 75.1



Abundance Ion 83.90 (83.60 to 84.60): VU027906.D (-461) (-)

Ion 48.90 (48.60 to 49.60): VU027906.D (-461) (-)

Ion 50.90 (50.60 to 51.60): VU027906.D (-461) (-)

Ion 85.90 (85.60 to 86.60): VU027906.D (-461) (-)

2000

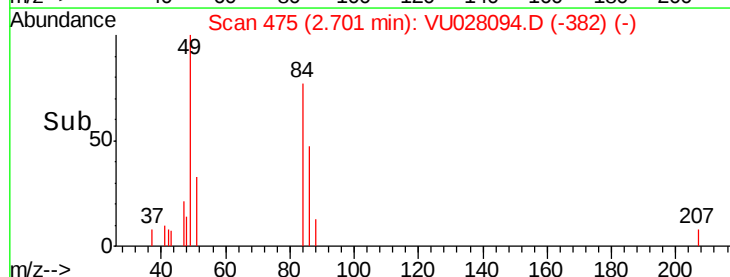
1500

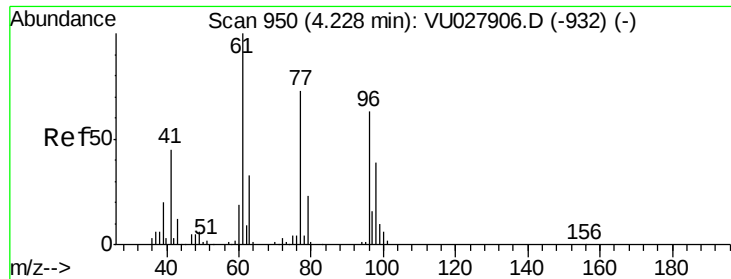
1000

500

0

Time-->

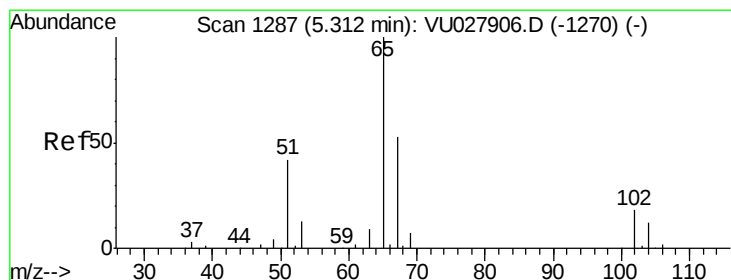
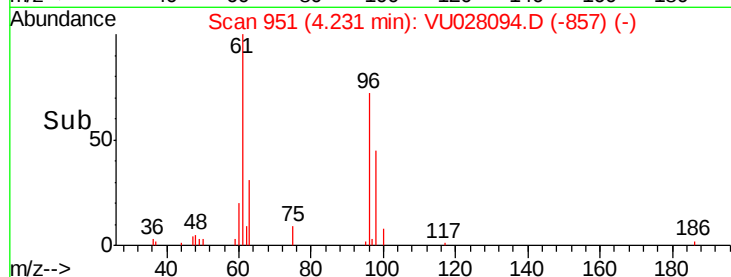
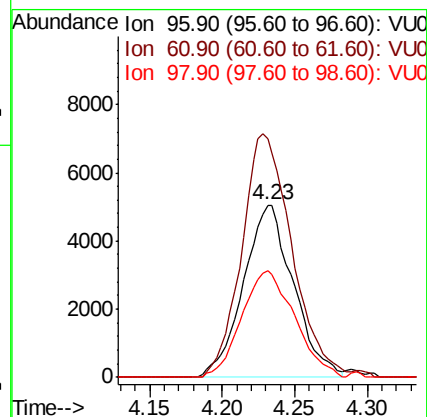
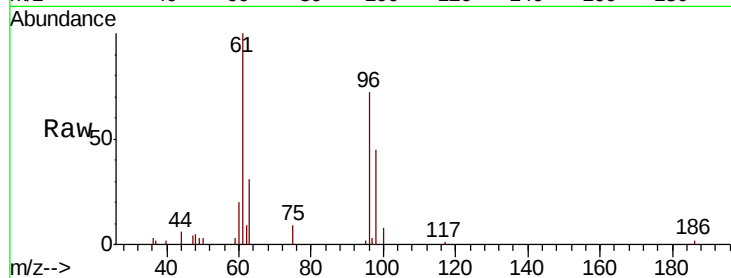




#27
 cis-1,2-Dichloroethene
 Concen: 3.340 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU028094.D
 Acq: 13 Nov 2018 16:06

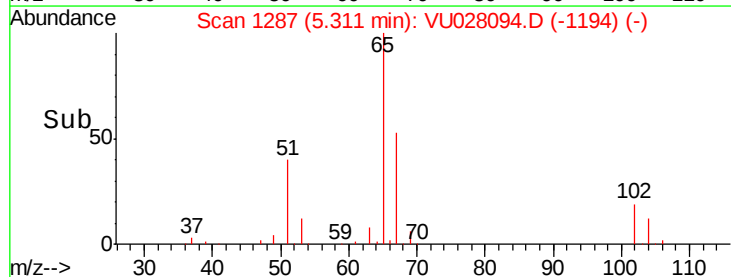
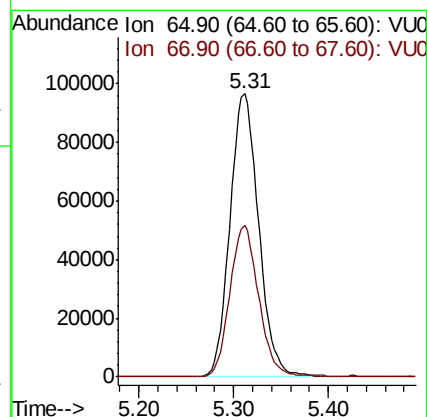
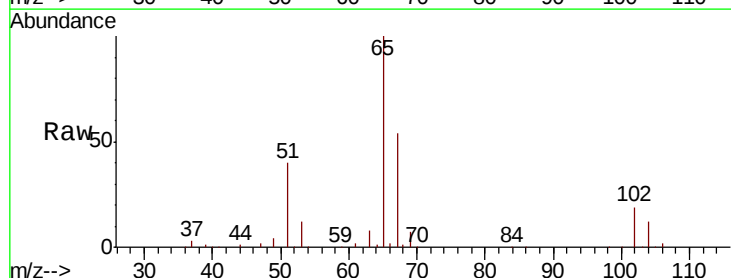
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-1DL

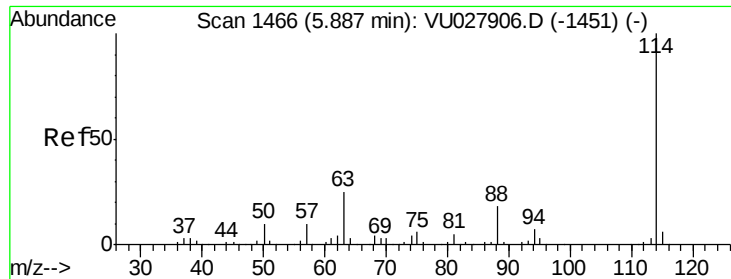
Tot Ion: 96 Resp: 12137
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 329.6
 98 65.4 0.0 127.2



#33
 1,2-Dichloroethane-d4
 Concen: 51.364 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. -0.00 min
 Lab File: VU028094.D
 Acq: 13 Nov 2018 16:06

Tgt Ion: 65 Resp: 204583
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 109.0

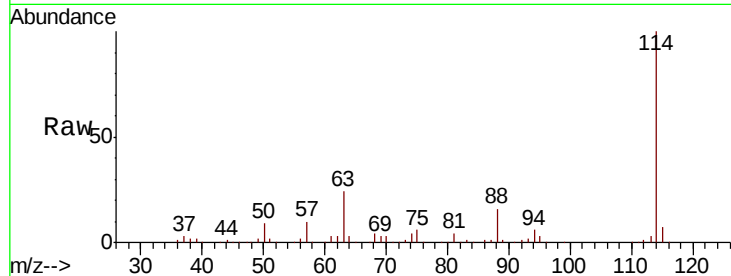




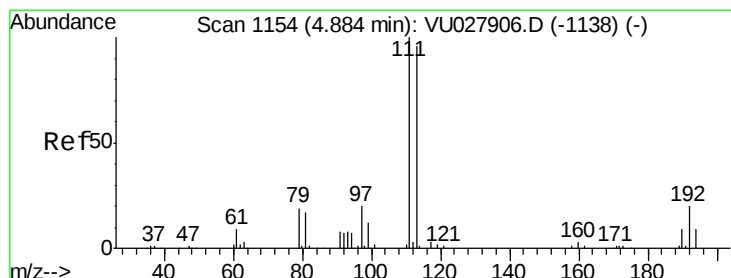
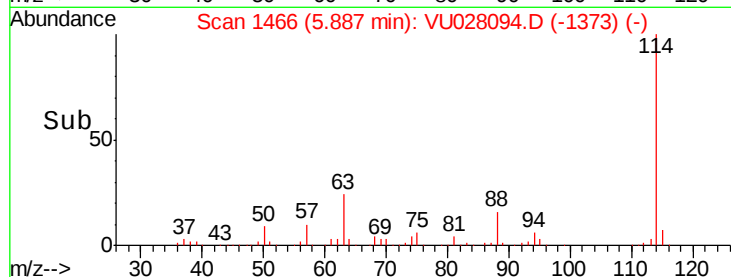
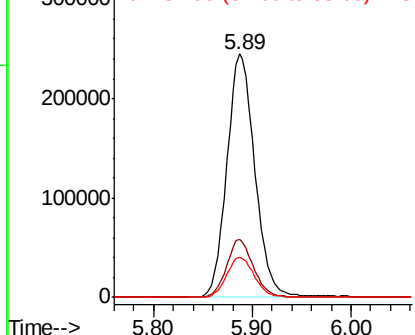
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1466
Delta R.T. -0.00 min
Lab File: VU028094.D
Acq: 13 Nov 2018 16:06

Instrument :
MSVOA_U
ClientSampleId :
MW-1DL

Tot Ion:114 Resp: 485792
Ion Ratio Lower Upper
114 100
63 23.9 0.0 50.8
88 16.4 0.0 35.8

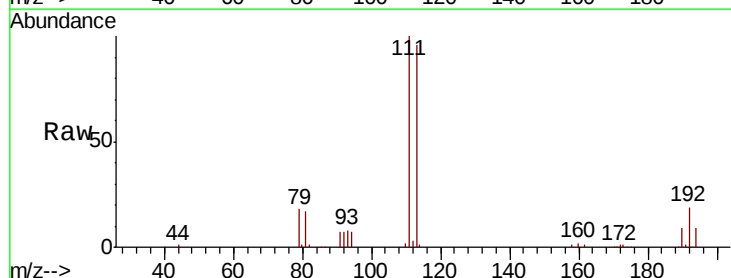


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VU0
Ion 87.90 (87.60 to 88.60): VU0

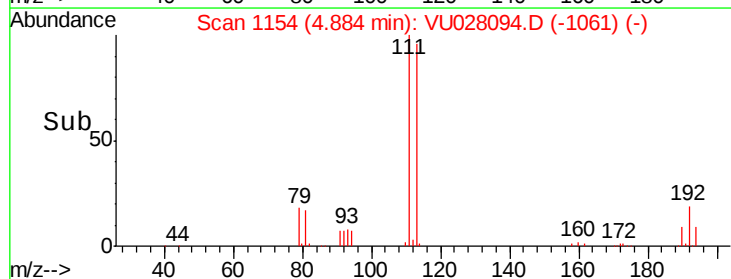
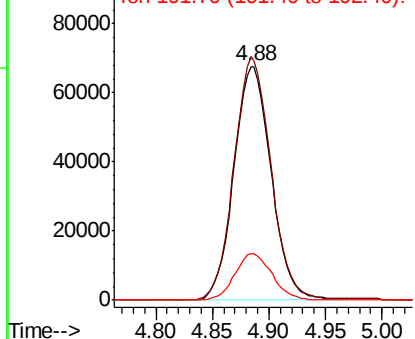


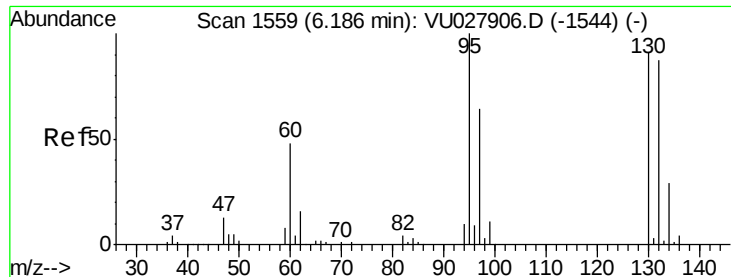
#35
Dibromofluoromethane
Concen: 50.664 ug/l
RT: 4.88 min Scan# 1154
Delta R.T. -0.00 min
Lab File: VU028094.D
Acq: 13 Nov 2018 16:06

Tgt Ion:113 Resp: 155183
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.6
192 19.8 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





#44

Trichloroethene

Concen: 1.698 ug/l

RT: 6.19 min Scan# 1561

Delta R.T. 0.01 min

Lab File: VU028094.D

Acq: 13 Nov 2018 16:06

Instrument :

MSVOA_U

ClientSampleId :

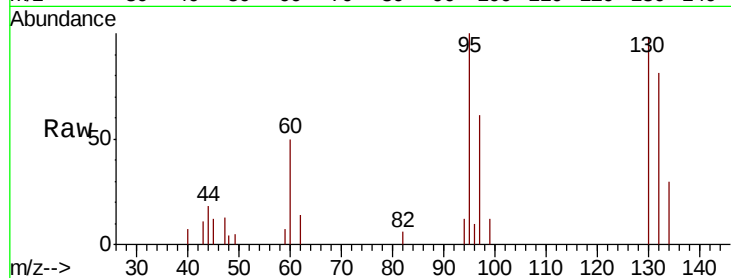
MW-1DL

Tot Ion:130 Resp: 5677

Ion Ratio Lower Upper

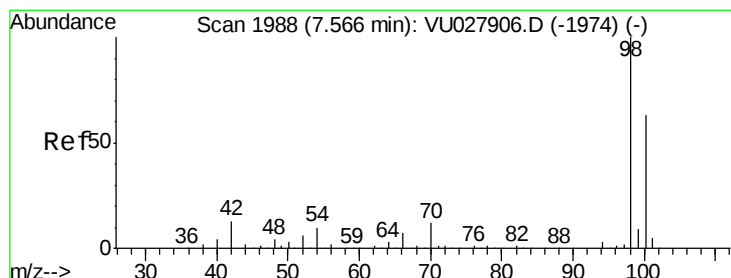
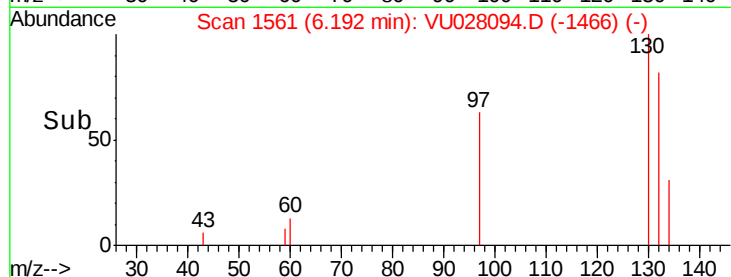
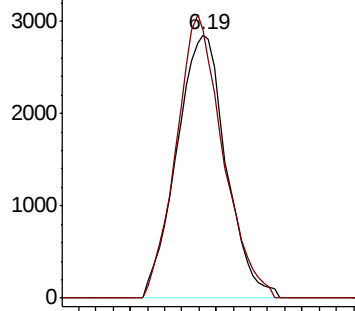
130 100

95 101.8 0.0 219.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0



#50

Toluene-d8

Concen: 52.376 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028094.D

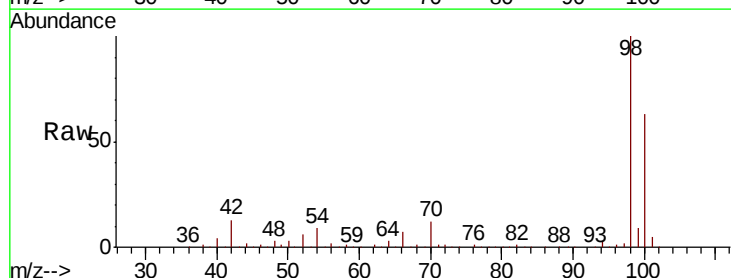
Acq: 13 Nov 2018 16:06

Tgt Ion: 98 Resp: 619716

Ion Ratio Lower Upper

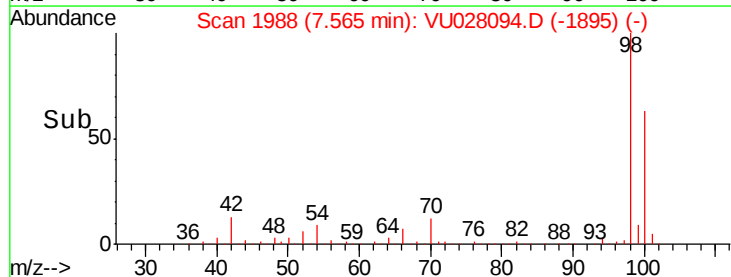
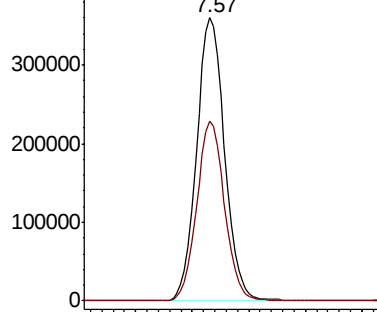
98 100

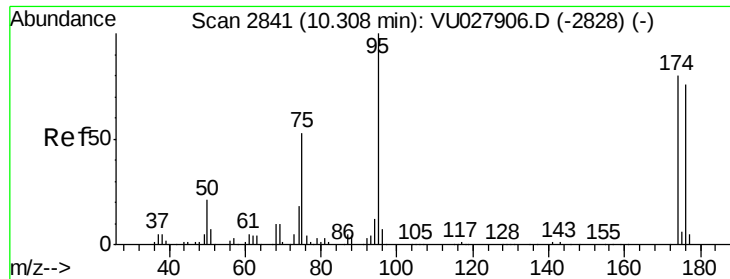
100 62.9 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

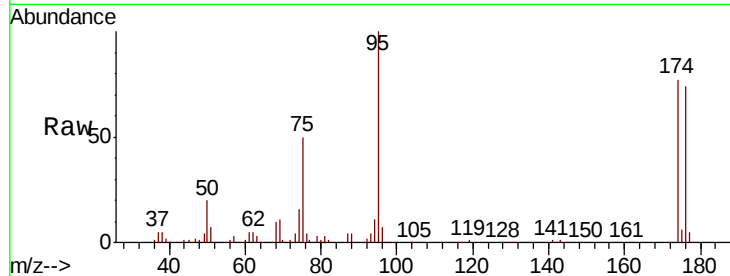




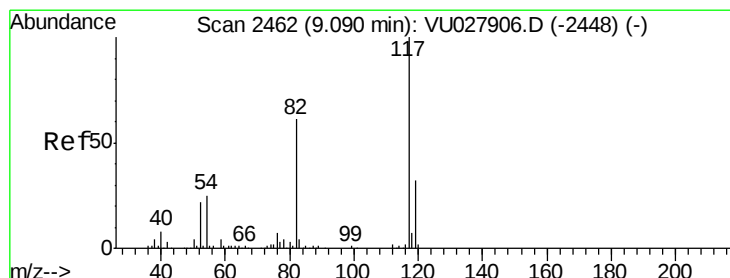
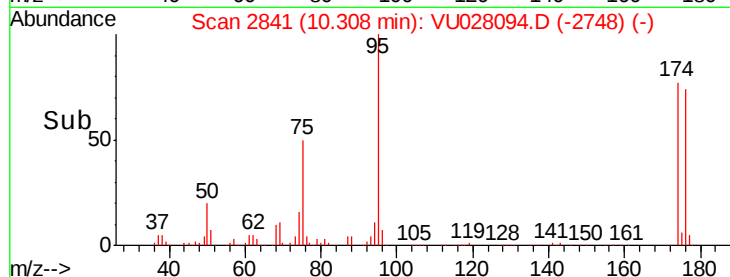
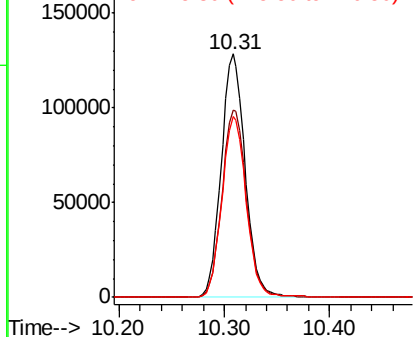
#62
4-Bromofluorobenzene
Concen: 46.368 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028094.D
Acq: 13 Nov 2018 16:06

Instrument :
MSVOA_U
ClientSampleId :
MW-1DL

Tot Ion: 95 Resp: 202360
Ion Ratio Lower Upper
95 100
174 78.8 0.0 156.4
176 75.4 0.0 150.8

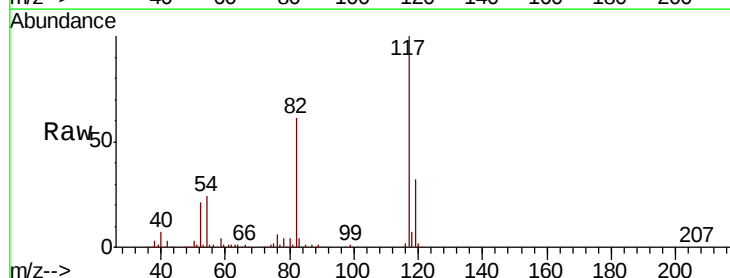


Abundance Ion 94.90 (94.60 to 95.60): VU027906.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU027906.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU027906.D (-2828) (-)

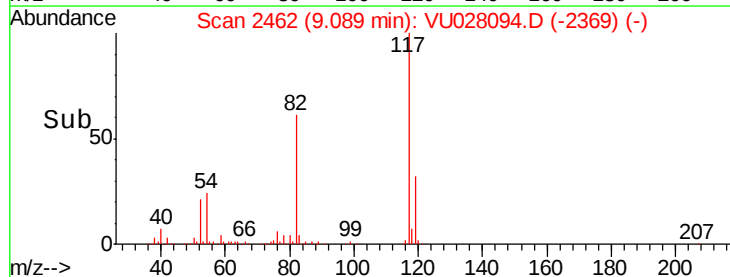
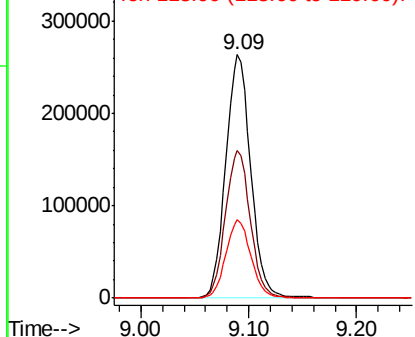


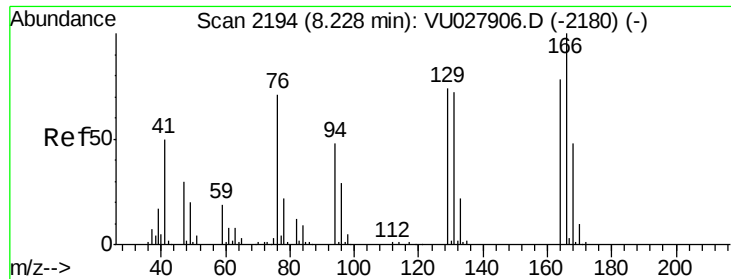
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028094.D
Acq: 13 Nov 2018 16:06

Tgt Ion: 117 Resp: 425965
Ion Ratio Lower Upper
117 100
82 60.6 48.6 73.0
119 32.0 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU027906.D (-2448) (-)
Ion 82.00 (81.70 to 82.70): VU027906.D (-2448) (-)
Ion 118.90 (118.60 to 119.60): VU027906.D (-2448) (-)

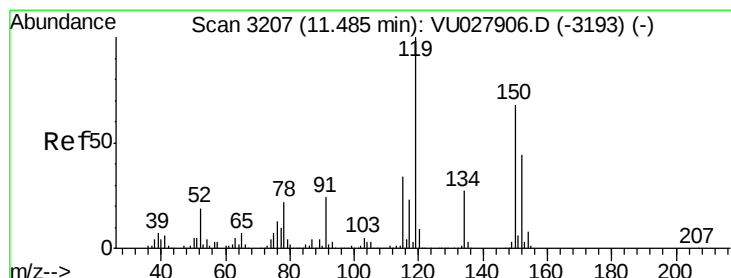
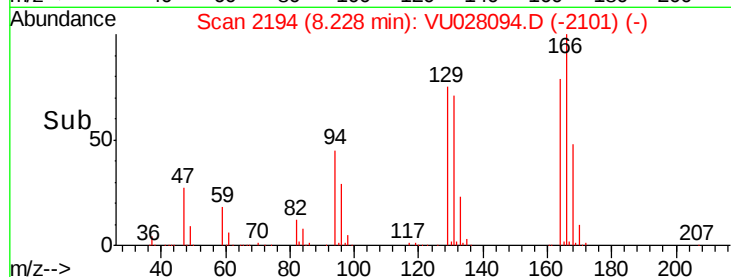
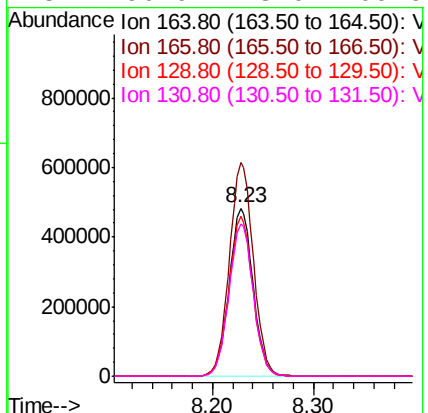
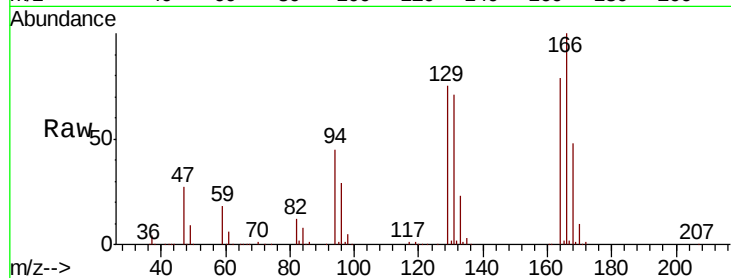




#64
Tetrachloroethene
Concen: 289.517 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028094.D
Acq: 13 Nov 2018 16:06

Instrument :
MSVOA_U
ClientSampleId :
MW-1DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.1	153.1
129	95.1	75.9	113.9
131	90.9	73.0	109.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU028094.D
Acq: 13 Nov 2018 16:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	43.0	129.0
150	158.0	0.0	349.4

