

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028089.D
 Acq On : 13 Nov 2018 14:05
 Operator : MD/SY
 Sample : J5885-01DL 20X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RW-2DL

Quant Time: Nov 14 09:39:44 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

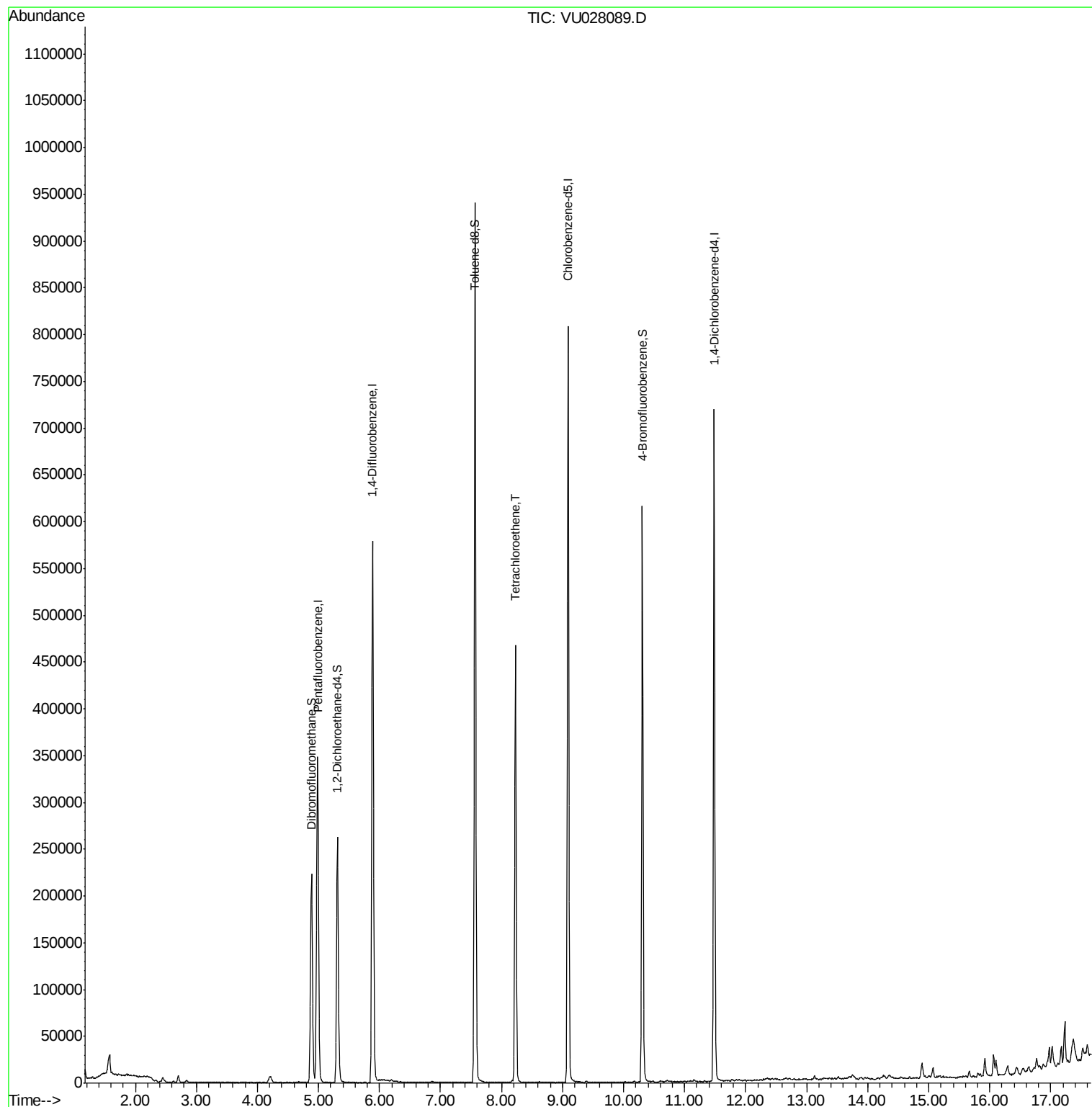
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	264874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	486298	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	430775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	182695	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	200536	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
35) Dibromofluoromethane	4.89	113	154612	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	7.57	98	616602	52.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	10.31	95	205706	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
Target Compounds						
64) Tetrachloroethene	8.23	164	102862	36.825	ug/l	Qvalue 99

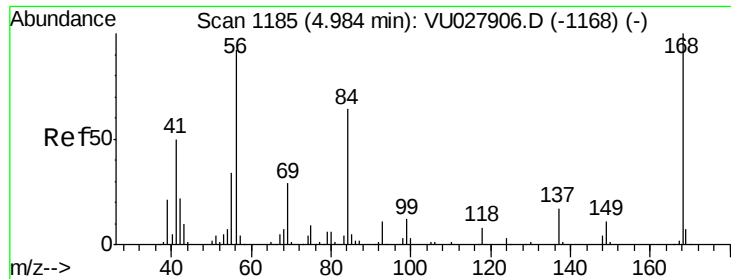
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028089.D

Acq: 13 Nov 2018 14:05

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ClientSampleId :

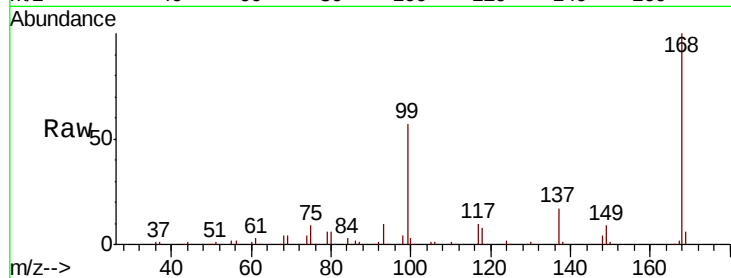
RW-2DL

Tot Ion:168 Resp: 264874

Ion Ratio Lower Upper

168 100

99 57.0 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

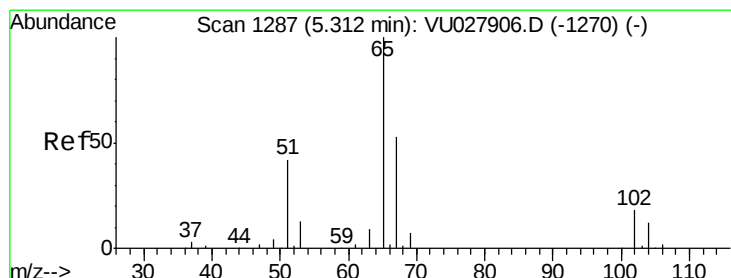
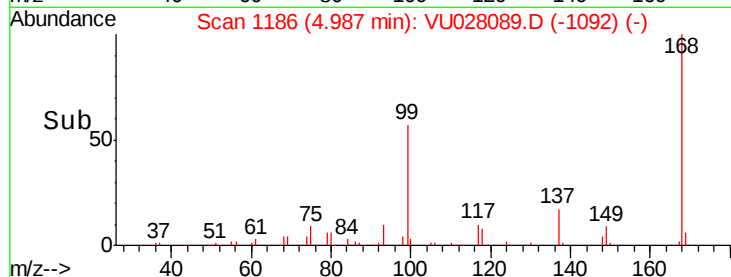
100000

50000

0

Time-->

4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 50.923 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VU028089.D

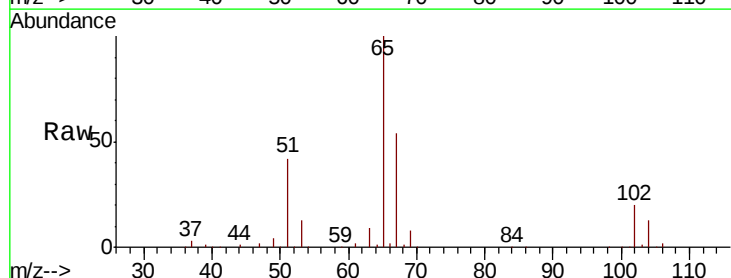
Acq: 13 Nov 2018 14:05

Tgt Ion: 65 Resp: 200536

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

5.31

100000

80000

60000

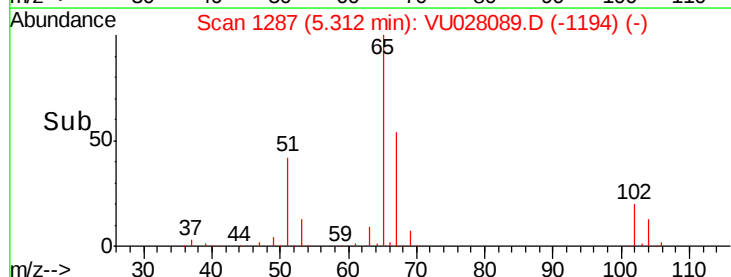
40000

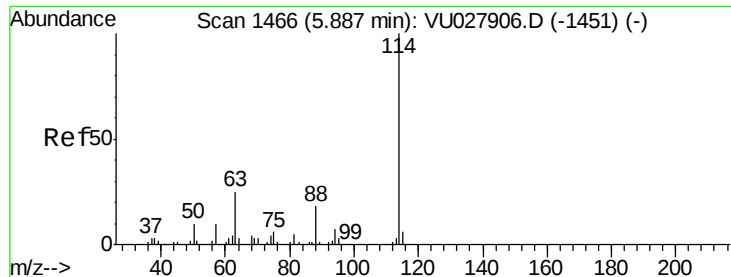
20000

0

Time-->

5.20 5.30 5.40

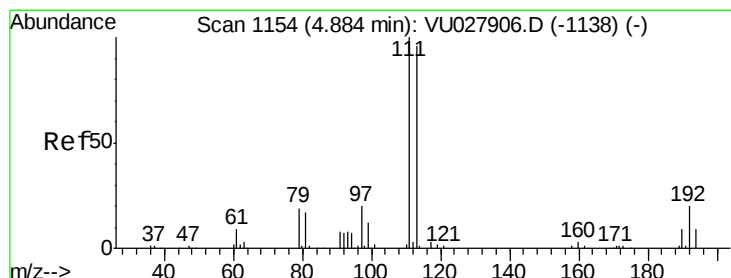
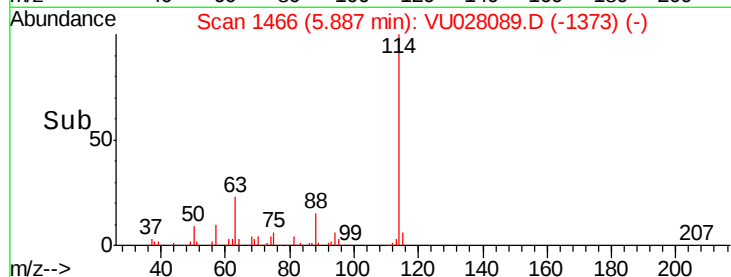
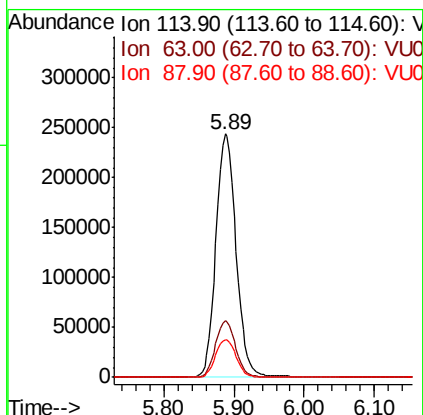
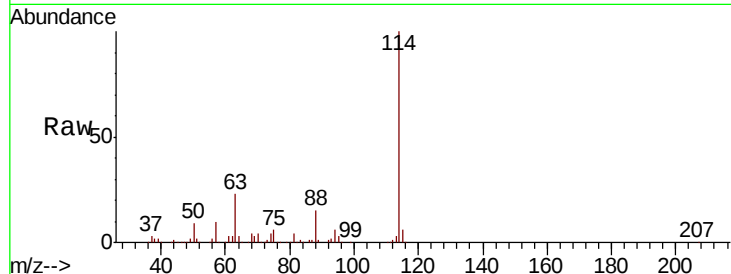




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028089.D
 Acq: 13 Nov 2018 14:05

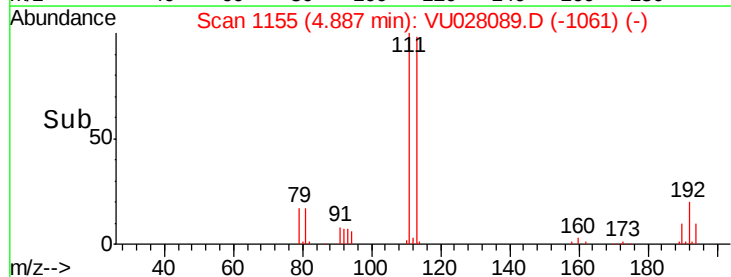
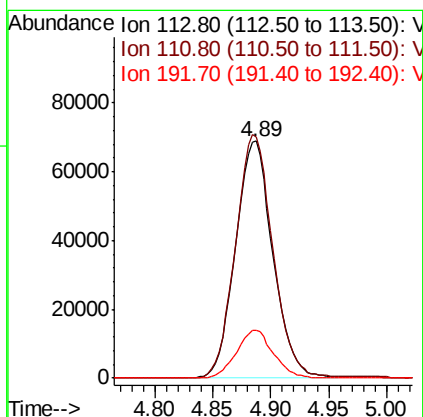
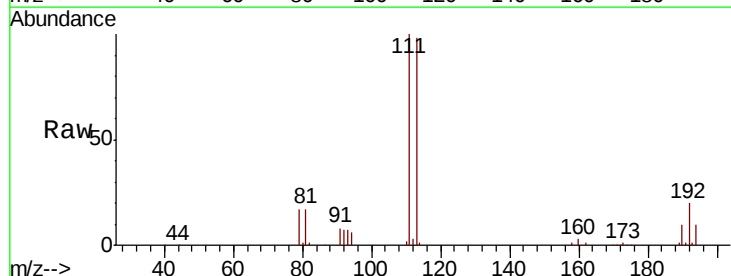
Instrument :
 MSVOA_U
 ClientSampleId :
 RW-2DL

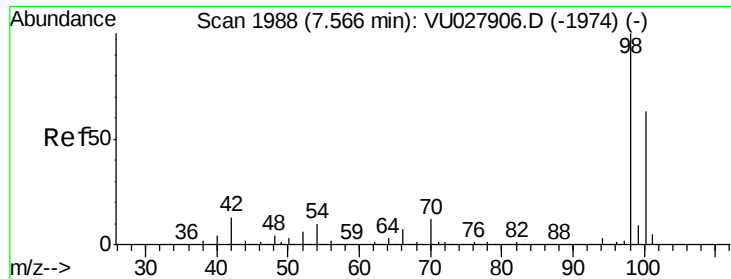
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	50.8
88	15.5	0.0	35.8



#35
 Dibromofluoromethane
 Concen: 50.425 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU028089.D
 Acq: 13 Nov 2018 14:05

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.6
192	20.0	15.6	23.4

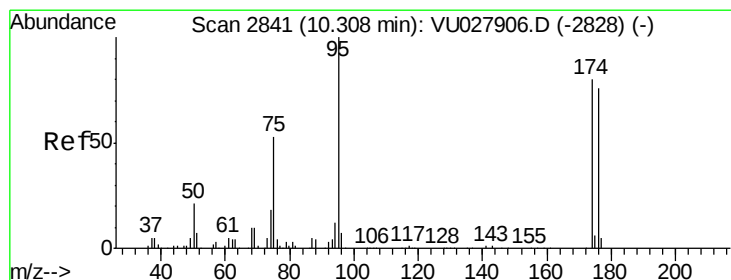
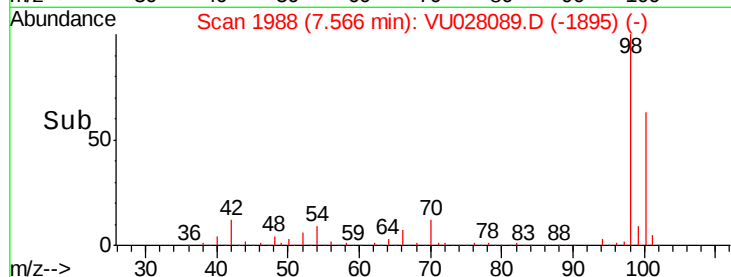
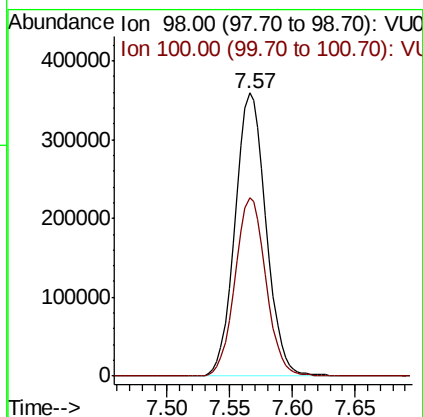
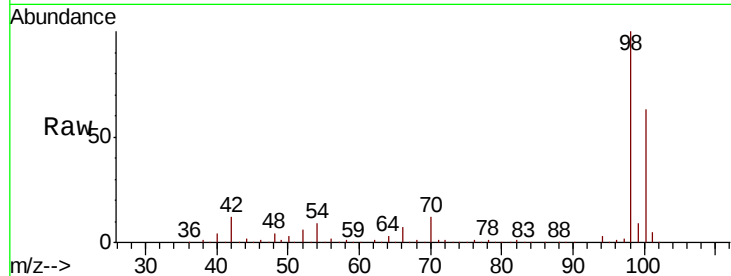




#50
Toluene-d8
Concen: 52.058 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028089.D
Acq: 13 Nov 2018 14:05

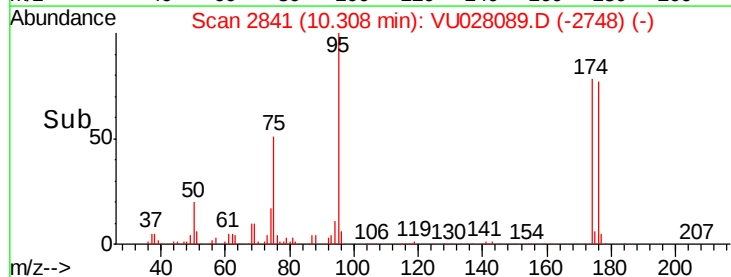
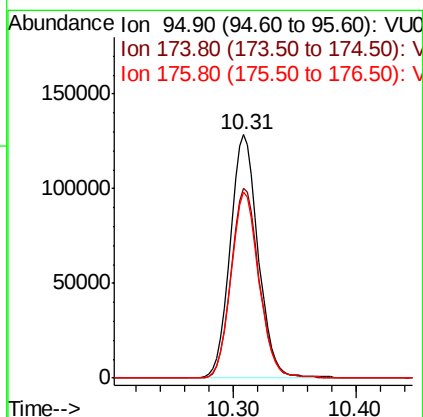
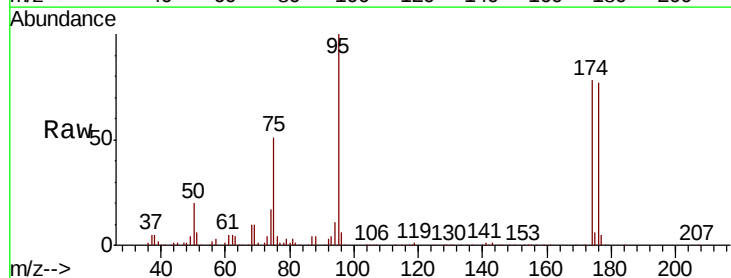
Instrument :
MSVOA_U
ClientSampleId :
RW-2DL

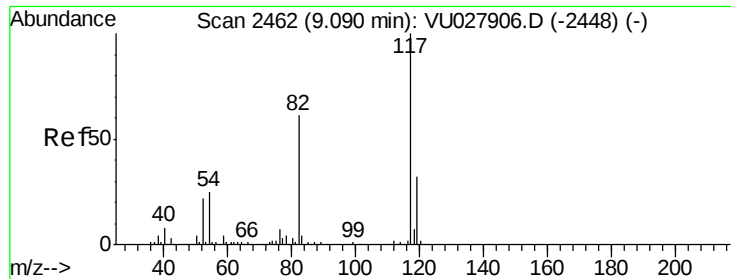
Tot Ion: 98 Resp: 616602
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.086 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU028089.D
Acq: 13 Nov 2018 14:05

Tgt Ion: 95 Resp: 205706
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.4
176 76.3 0.0 150.8

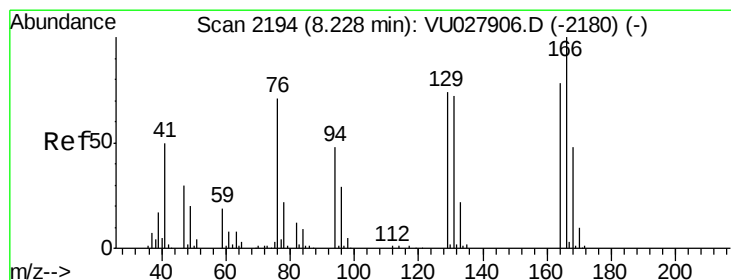
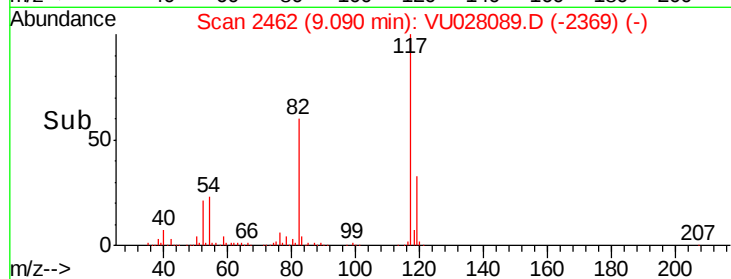
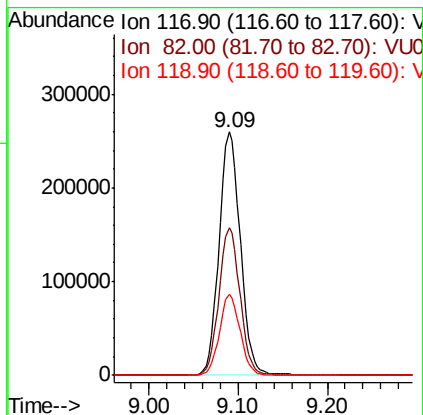
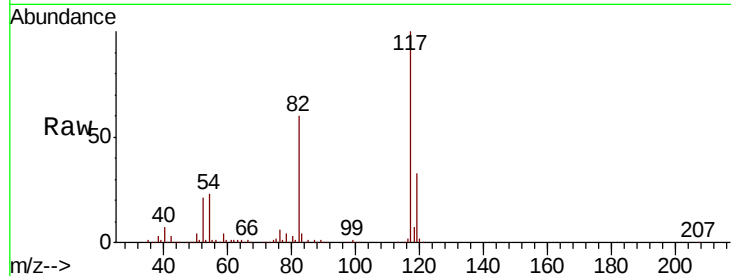




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028089.D
Acq: 13 Nov 2018 14:05

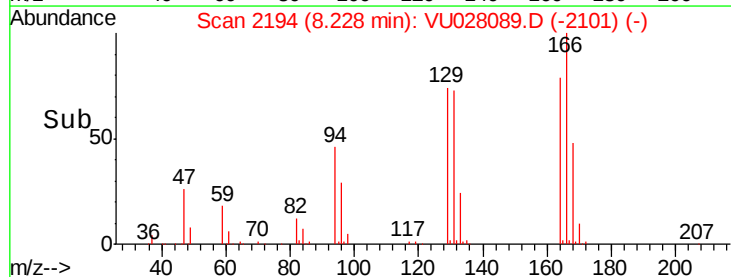
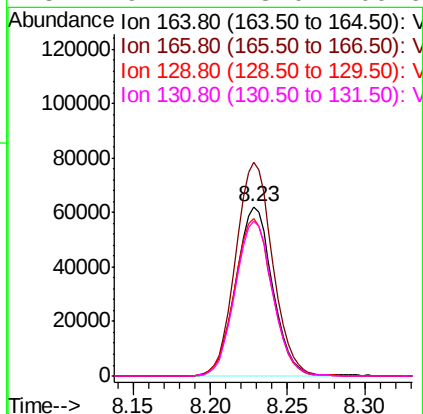
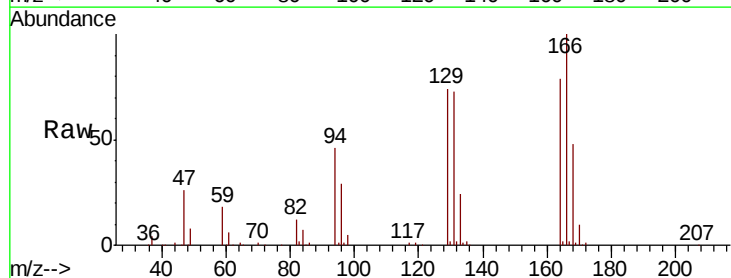
Instrument :
MSVOA_U
ClientSampleId :
RW-2DL

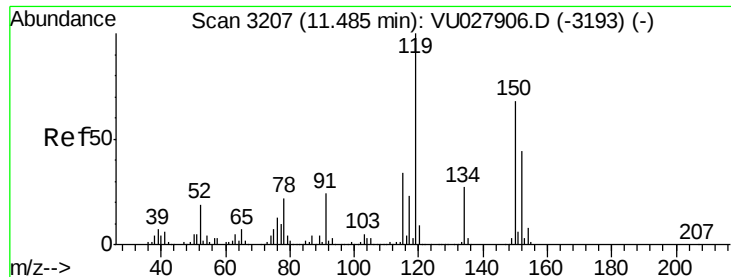
Tot Ion:117 Resp: 430775
Ion Ratio Lower Upper
117 100
82 60.5 48.6 73.0
119 33.2 25.8 38.8



#64
Tetrachloroethene
Concen: 36.825 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028089.D
Acq: 13 Nov 2018 14:05

Tgt Ion:164 Resp: 102862
Ion Ratio Lower Upper
164 100
166 126.0 102.1 153.1
129 93.2 75.9 113.9
131 91.7 73.0 109.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU028089.D

Acq: 13 Nov 2018 14:05

Instrument :

MSVOA_U

ClientSampleId :

RW-2DL

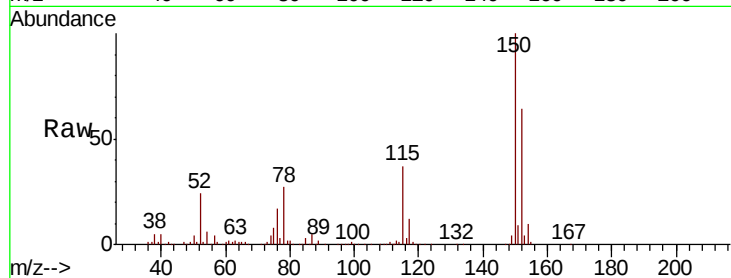
Tot Ion:152 Resp: 182695

Ion Ratio Lower Upper

152 100

115 58.8 43.0 129.0

150 157.2 0.0 349.4



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

