

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028551.D
 Acq On : 10 Dec 2018 15:14
 Operator : MD/SY
 Sample : J6323-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-104D2-20181206

Quant Time: Dec 11 11:57:44 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

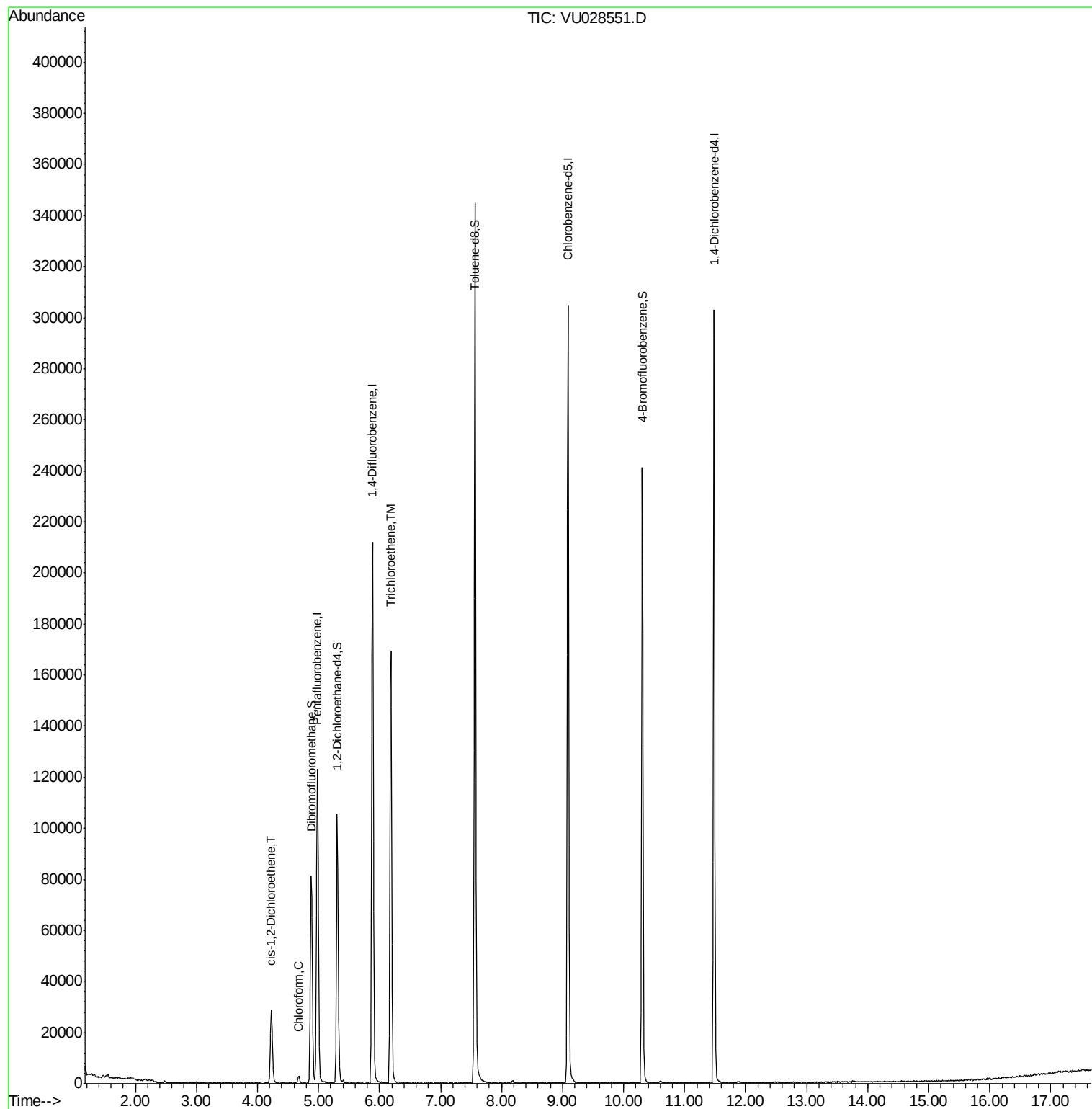
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	92525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	171185	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	161822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	72450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	79462	56.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.56%	
35) Dibromofluoromethane	4.88	113	57574	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
50) Toluene-d8	7.57	98	227629	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	10.30	95	81743	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.23	96	15293	11.649	ug/l	89
30) Chloroform	4.68	83	2814	1.301	ug/l	87
44) Trichloroethene	6.19	130	55910	45.577	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028551.D

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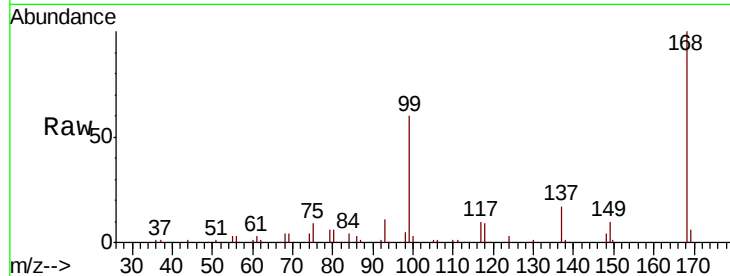
RE-104D2-20181206

Tot Ion:168 Resp: 92525

Ion Ratio Lower Upper

168 100

99 60.0 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028551.D (-1092) (-)

4.98

40000

30000

20000

10000

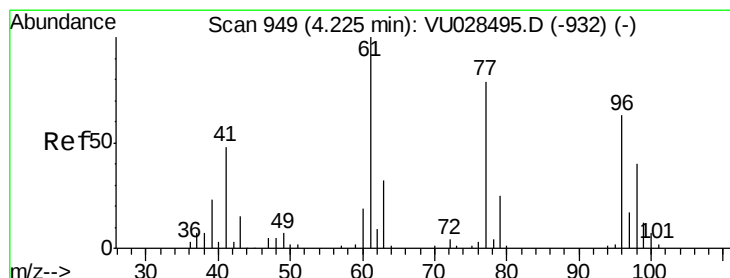
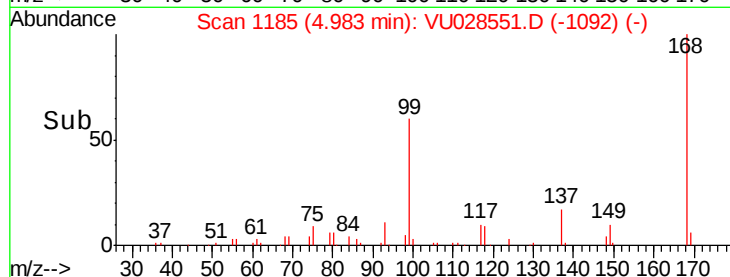
0

4.90

5.00

5.10

Time-->



#27

cis-1,2-Dichloroethene

Concen: 11.649 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028551.D

Acq: 10 Dec 2018 15:14

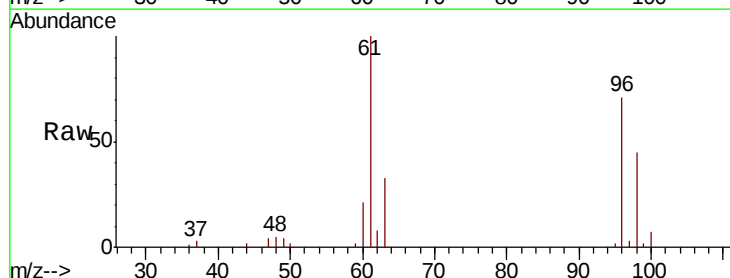
Tgt Ion: 96 Resp: 15293

Ion Ratio Lower Upper

96 100

61 146.9 0.0 332.4

98 66.1 0.0 129.0



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

Ion 60.90 (60.60 to 61.60): VU028551.D (-856) (-)

Ion 97.90 (97.60 to 98.60): VU028551.D (-856) (-)

4.23

12000

10000

8000

6000

4000

2000

0

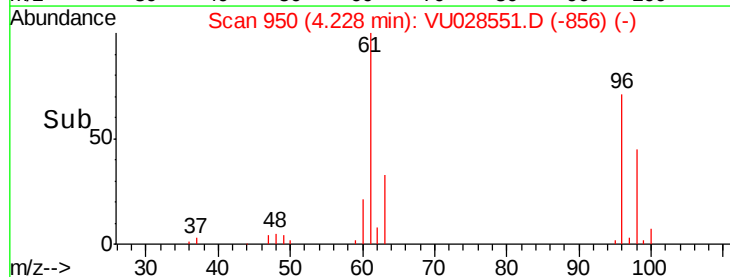
4.15

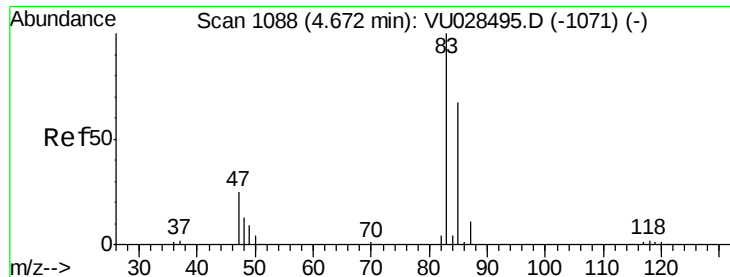
4.20

4.25

4.30

Time-->

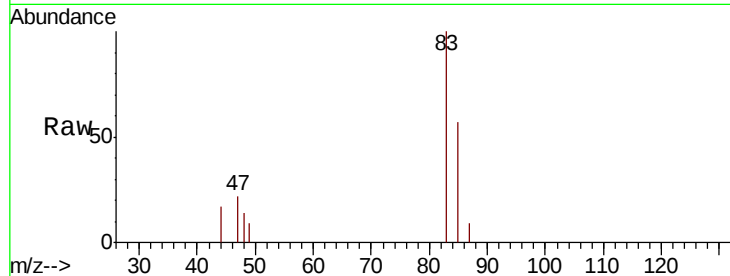




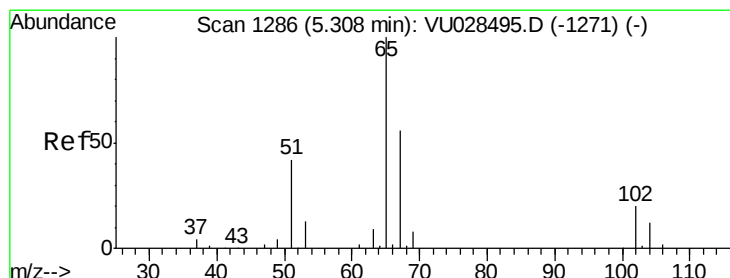
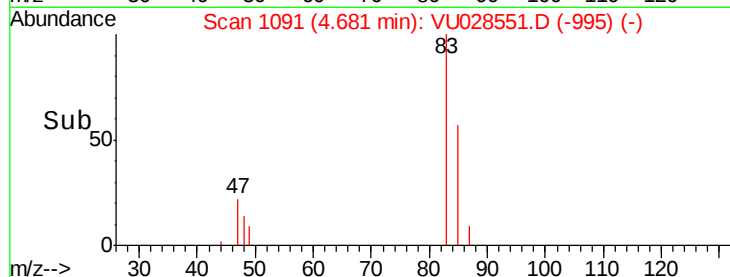
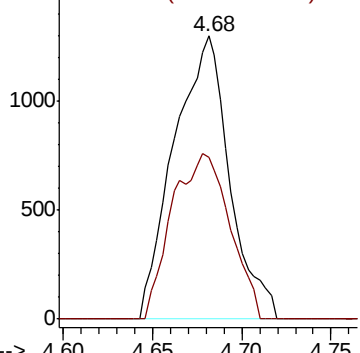
#30
Chloroform
Concen: 1.301 ug/l
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU028551.D
Acq: 10 Dec 2018 15:14

Instrument :
MSVOA_U
ClientSampleId :
RE-104D2-20181206

Tot Ion: 83 Resp: 2814
Ion Ratio Lower Upper
83 100
85 57.0 53.6 80.4

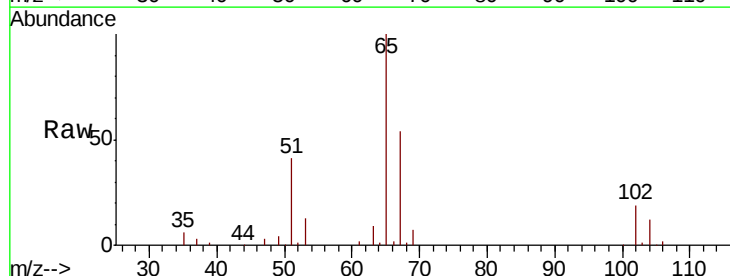


Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

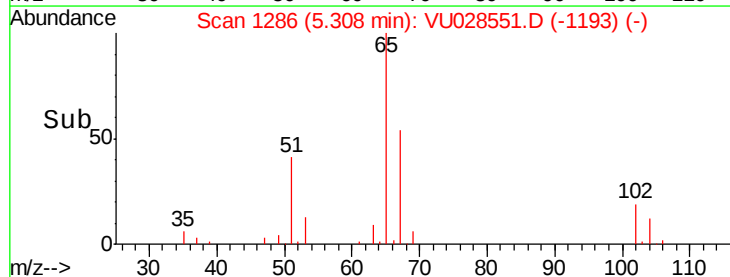
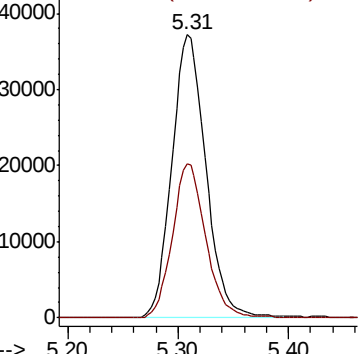


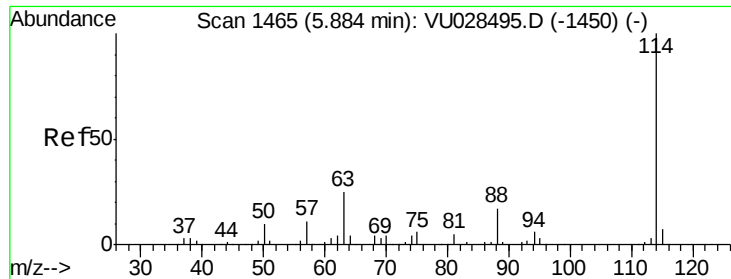
#33
1,2-Dichloroethane-d4
Concen: 56.277 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. -0.00 min
Lab File: VU028551.D
Acq: 10 Dec 2018 15:14

Tgt Ion: 65 Resp: 79462
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

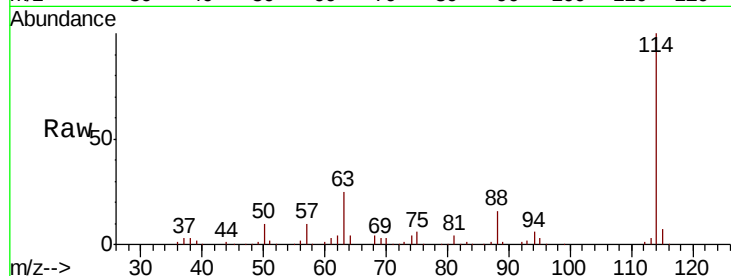




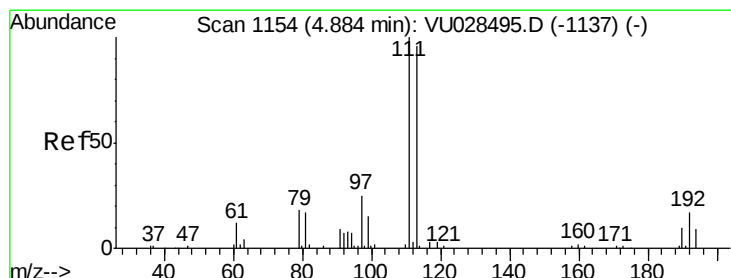
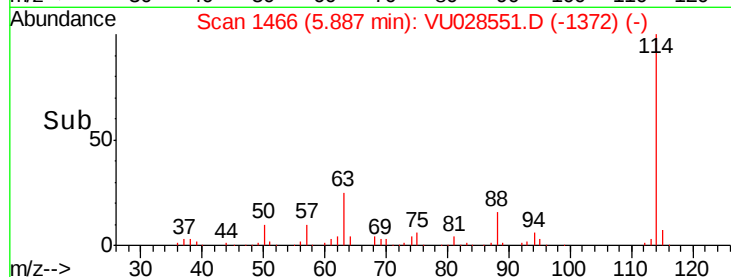
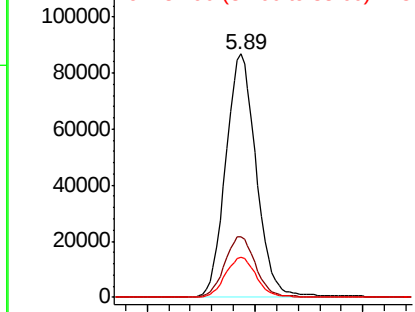
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028551.D
 Acq: 10 Dec 2018 15:14

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-104D2-20181206

Tot Ion:114 Resp: 171185
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 49.2
 88 16.4 0.0 33.4

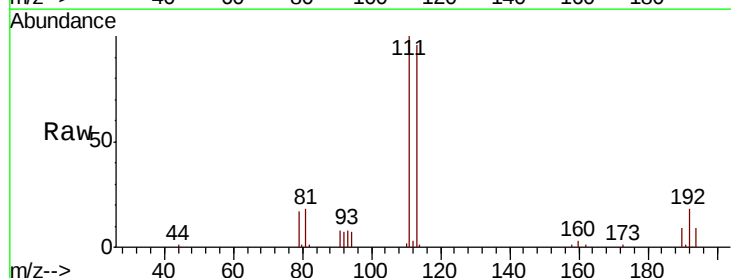


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

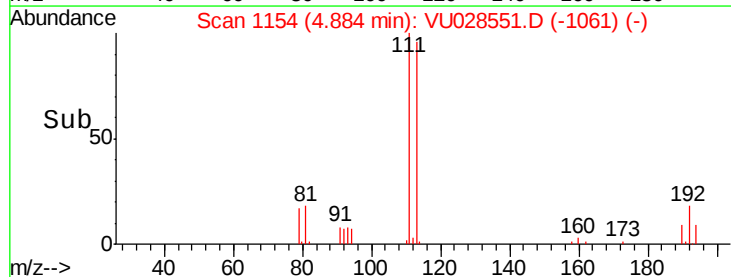
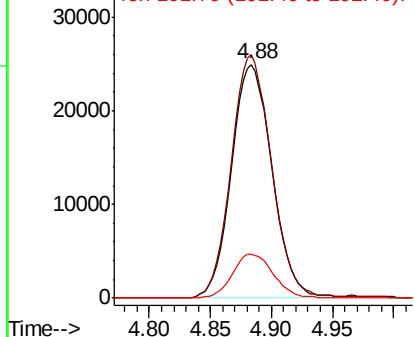


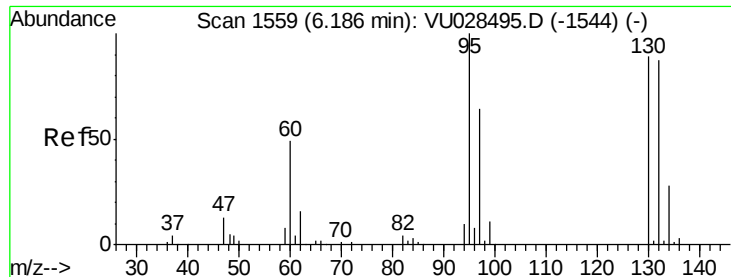
#35
 Dibromofluoromethane
 Concen: 53.444 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028551.D
 Acq: 10 Dec 2018 15:14

Tgt Ion:113 Resp: 57574
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.4 125.0
 192 18.9 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: 45.577 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028551.D

Acq: 10 Dec 2018 15:14

Instrument :

MSVOA_U

ClientSampleId :

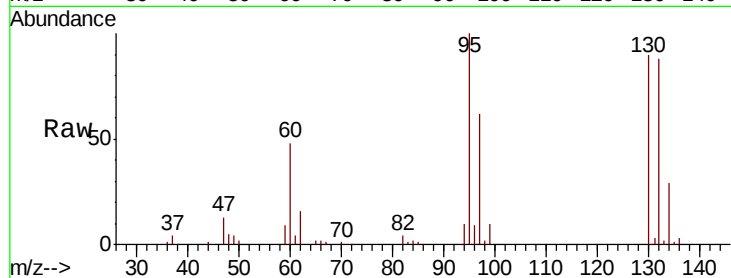
RE-104D2-20181206

Tot Ion:130 Resp: 55910

Ion Ratio Lower Upper

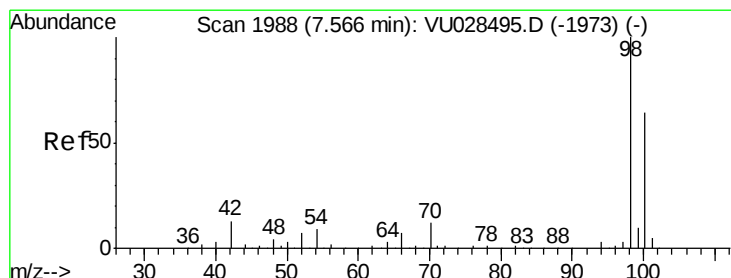
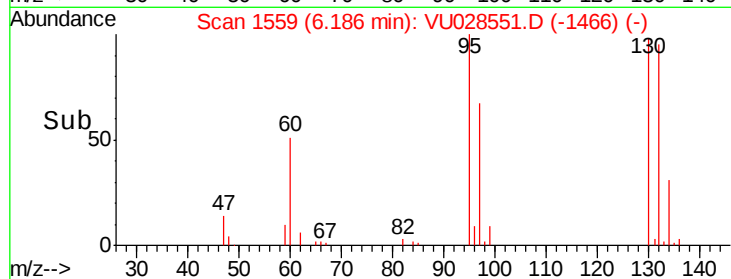
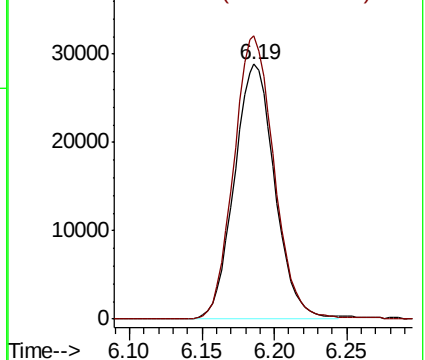
130 100

95 111.1 0.0 224.0



Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

Ion 94.90 (94.60 to 95.60): VU028495.D (-1544) (-)



#50

Toluene-d8

Concen: 53.415 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028551.D

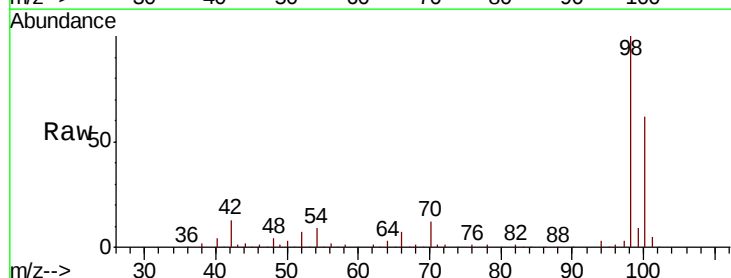
Acq: 10 Dec 2018 15:14

Tgt Ion: 98 Resp: 227629

Ion Ratio Lower Upper

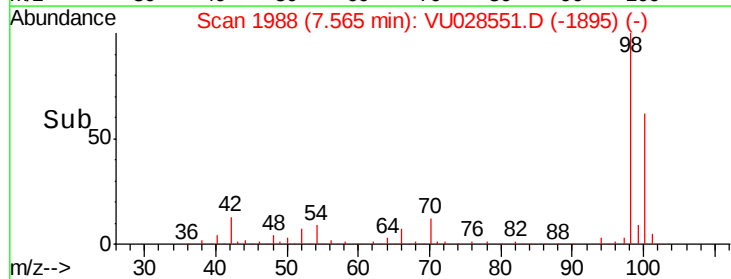
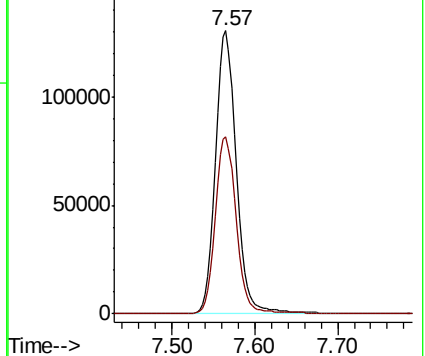
98 100

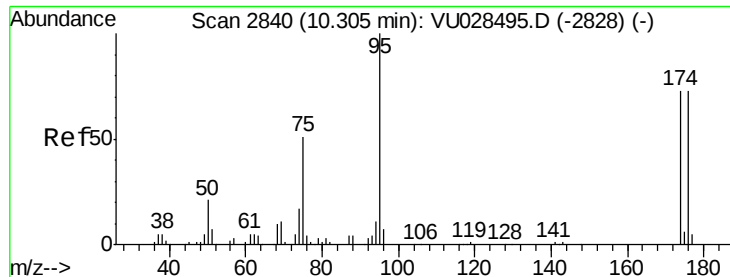
100 63.0 51.0 76.6



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

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

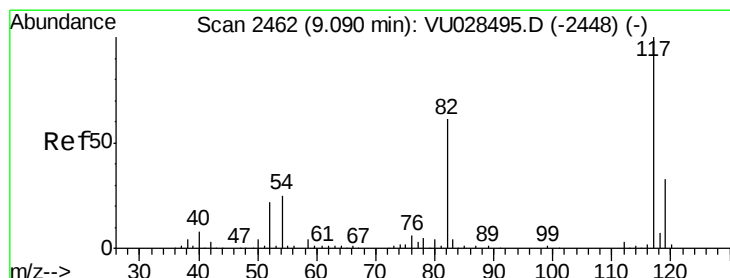
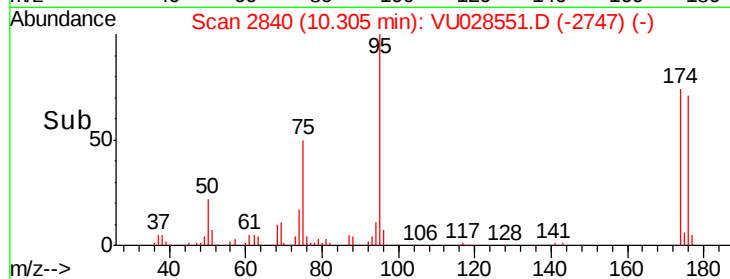
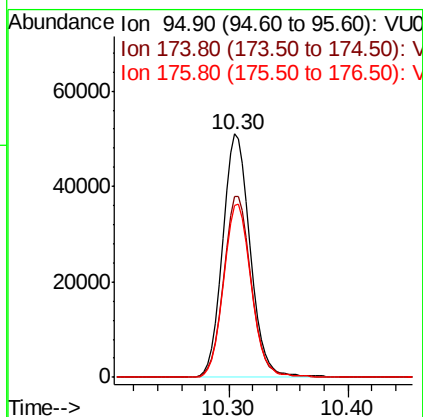
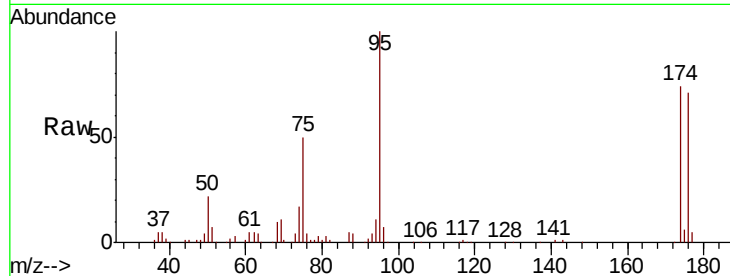




#62
 4-Bromofluorobenzene
 Concen: 51.320 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU028551.D
 Acq: 10 Dec 2018 15:14

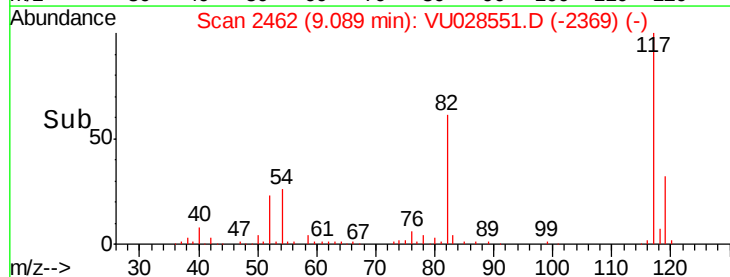
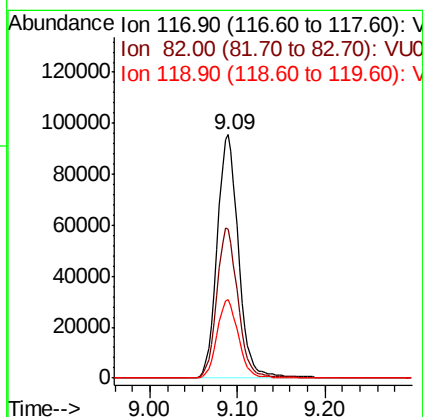
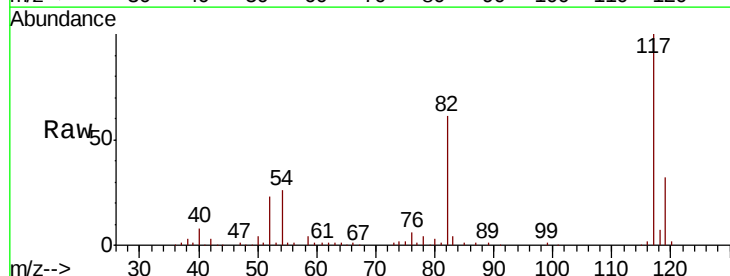
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-104D2-20181206

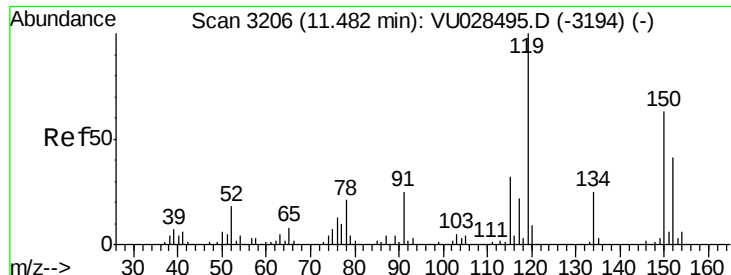
Tot Ion: 95 Resp: 81743
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 150.4
 176 71.7 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028551.D
 Acq: 10 Dec 2018 15:14

Tgt Ion: 117 Resp: 161822
 Ion Ratio Lower Upper
 117 100
 82 61.1 48.9 73.3
 119 32.3 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028551.D

Acq: 10 Dec 2018 15:14

Instrument :

MSVOA_U

ClientSampleId :

RE-104D2-20181206

Tot Ion:152 Resp: 72450

Ion Ratio Lower Upper

152 100

115 62.0 42.7 128.1

150 160.6 0.0 346.0

