

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028622.D
 Acq On : 11 Dec 2018 21:15
 Operator : MD/SY
 Sample : J6325-11DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D3-20181205DL

Quant Time: Dec 12 04:56:41 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

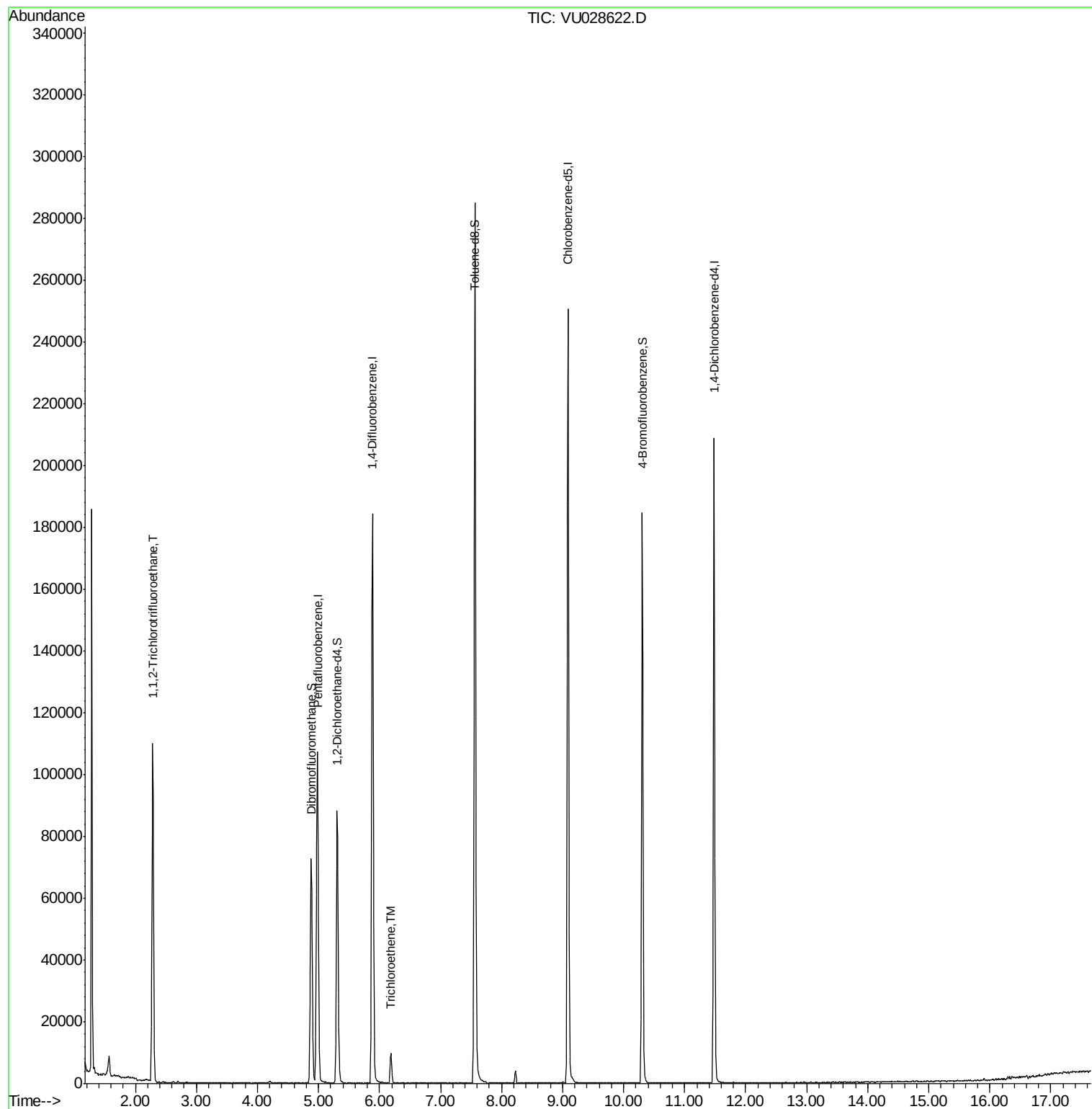
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	79960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	147268	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	130771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	50684	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	67644	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
35) Dibromofluoromethane	4.88	113	50321	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
50) Toluene-d8	7.57	98	187714	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	10.30	95	61606	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	41719	46.626	ug/l	97
44) Trichloroethene	6.19	130	3458	3.277	ug/l	84

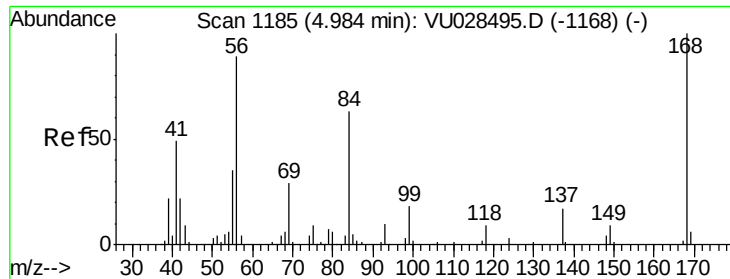
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028622.D

Acq: 11 Dec 2018 21:15

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MSVOA_U

ClientSampleId :

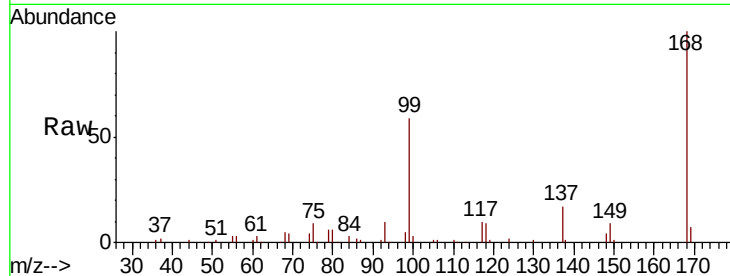
RE-131D3-20181205DL

Tot Ion:168 Resp: 79960

Ion Ratio Lower Upper

168 100

99 59.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.98

40000

30000

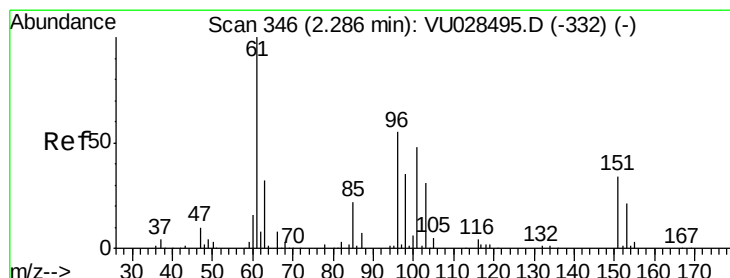
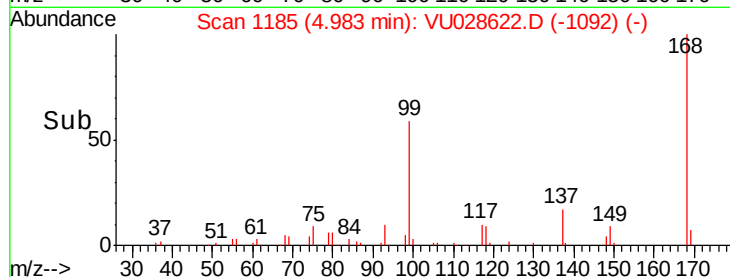
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.626 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028622.D

Acq: 11 Dec 2018 21:15

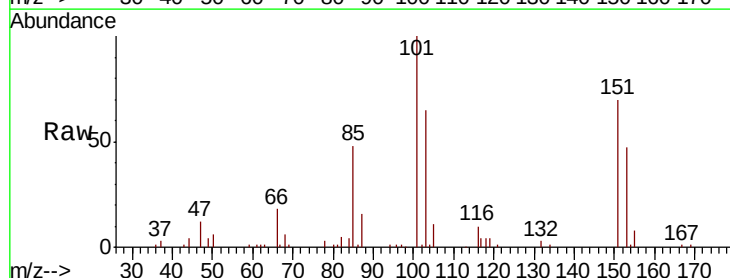
Tgt Ion:101 Resp: 41719

Ion Ratio Lower Upper

101 100

85 47.5 36.4 54.6

151 70.5 58.2 87.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V

2.29

30000

25000

20000

15000

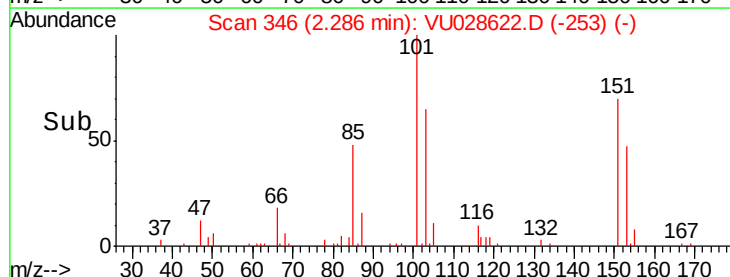
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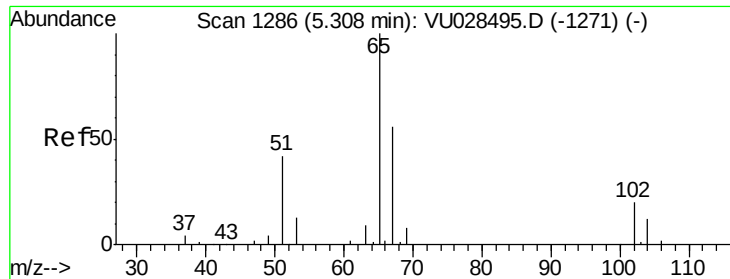
5000

0

2.20 2.25 2.30 2.35

Time-->

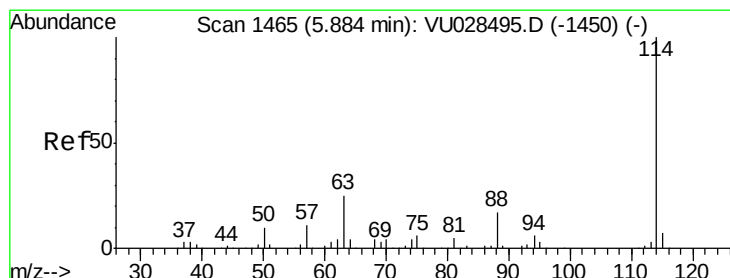
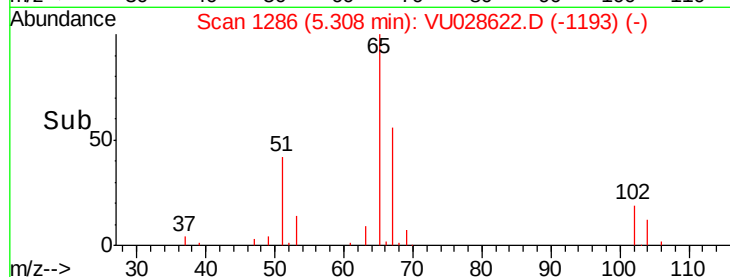
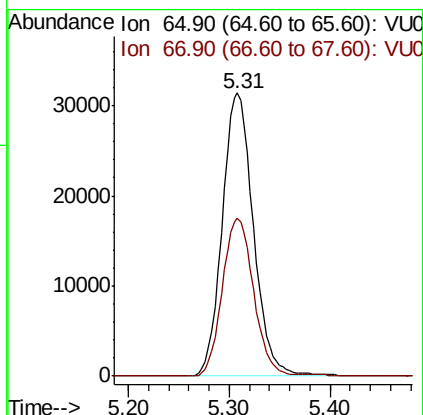
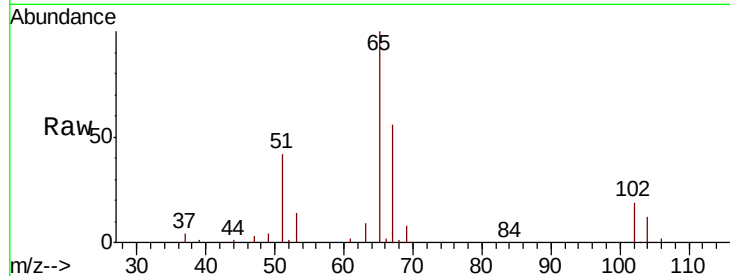




#33
 1,2-Dichloroethane-d4
 Concen: 55.435 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028622.D
 Acq: 11 Dec 2018 21:15

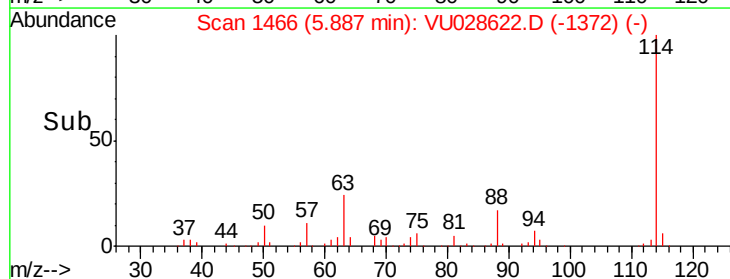
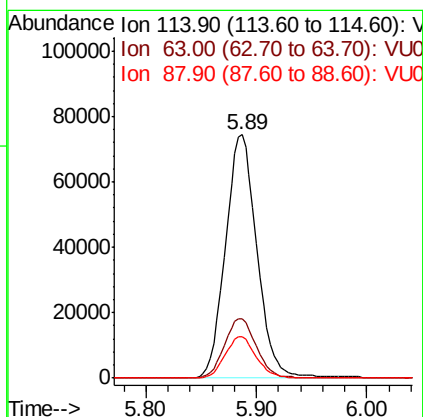
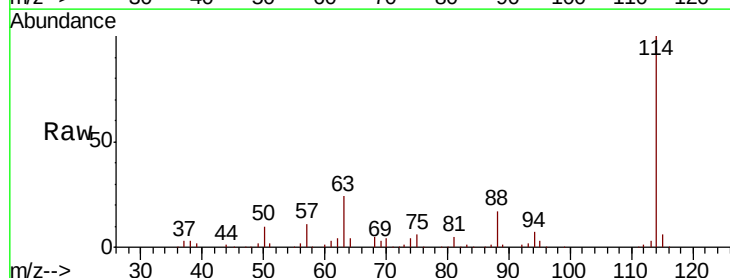
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D3-20181205DL

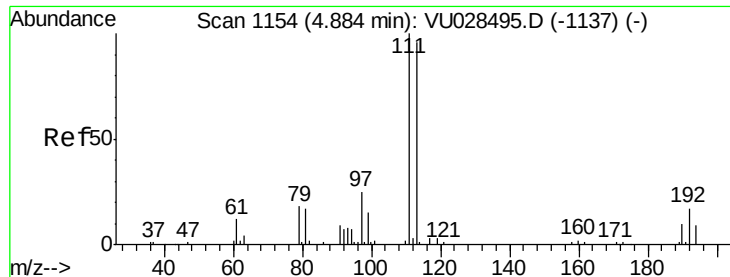
Tot Ion: 65 Resp: 67644
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028622.D
 Acq: 11 Dec 2018 21:15

Tgt Ion: 114 Resp: 147268
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 17.0 0.0 33.4

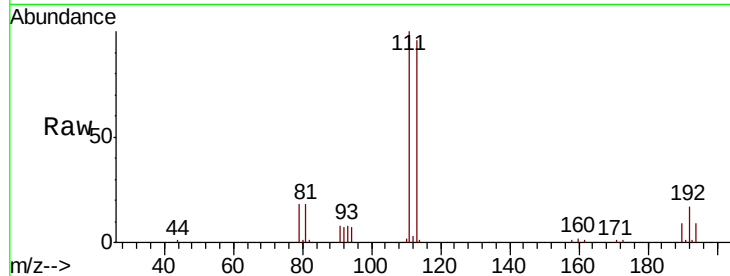




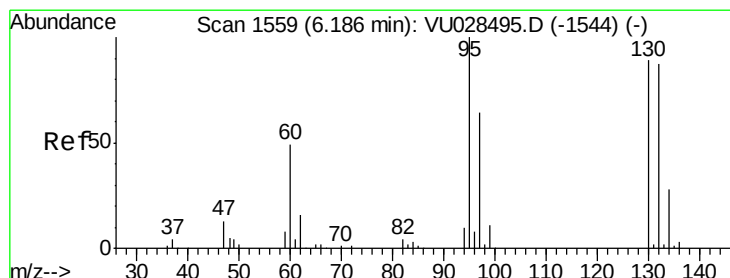
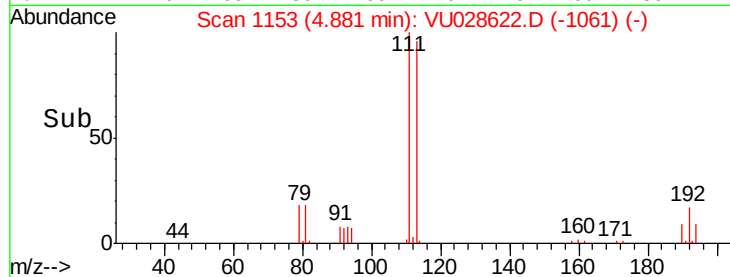
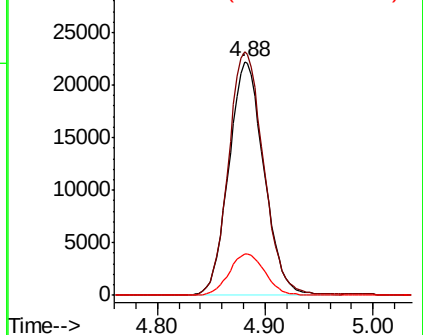
#35
 Dibromofluoromethane
 Concen: 54.297 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028622.D
 Acq: 11 Dec 2018 21:15

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D3-20181205DL

Tot Ion:113 Resp: 50321
 Ion Ratio Lower Upper
 113 100
 111 104.1 83.4 125.0
 192 18.0 14.8 22.2

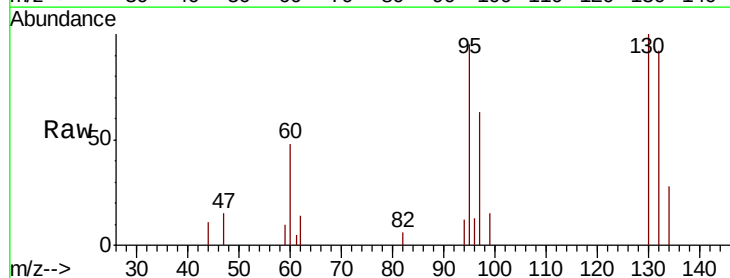


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

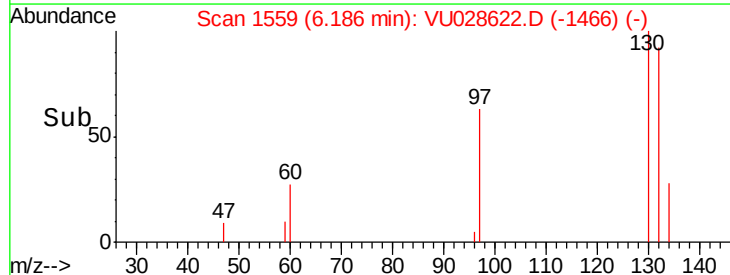
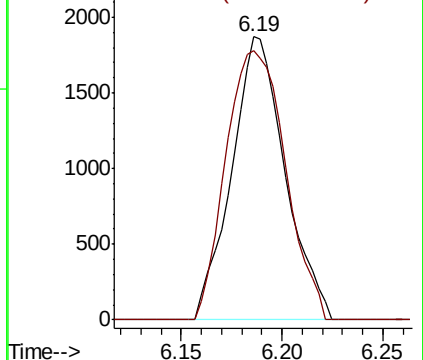


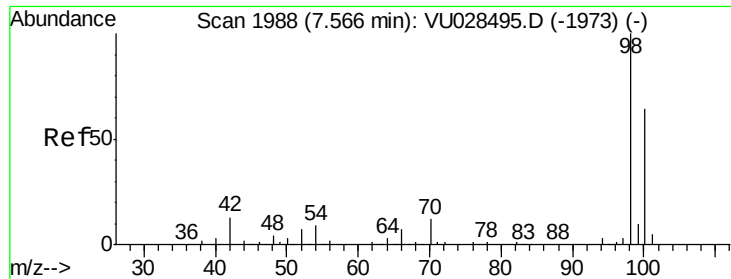
#44
 Trichloroethene
 Concen: 3.277 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028622.D
 Acq: 11 Dec 2018 21:15

Tgt Ion:130 Resp: 3458
 Ion Ratio Lower Upper
 130 100
 95 94.9 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: 51.202 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028622.D

Acq: 11 Dec 2018 21:15

Instrument :

MSVOA_U

ClientSampleId :

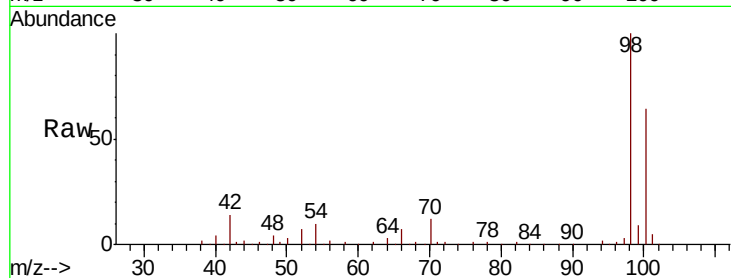
RE-131D3-20181205DL

Tot Ion: 98 Resp: 187714

Ion Ratio Lower Upper

98 100

100 64.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.57

120000

100000

80000

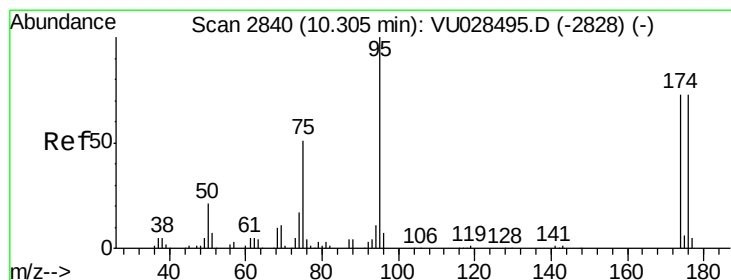
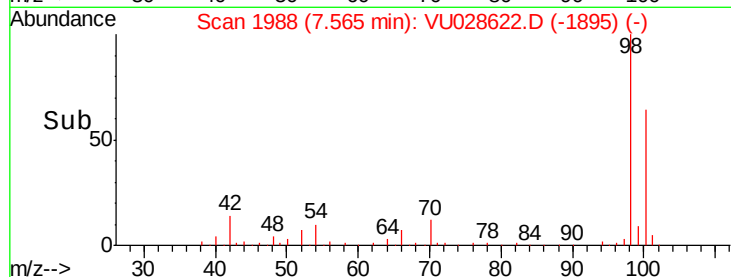
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.959 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028622.D

Acq: 11 Dec 2018 21:15

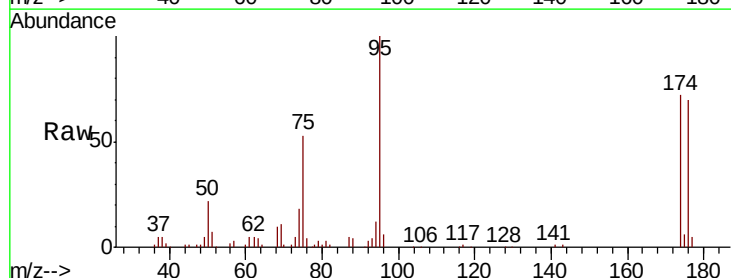
Tgt Ion: 95 Resp: 61606

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.4

176 71.0 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

50000

40000

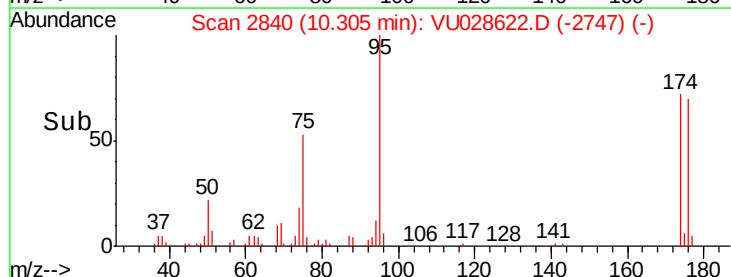
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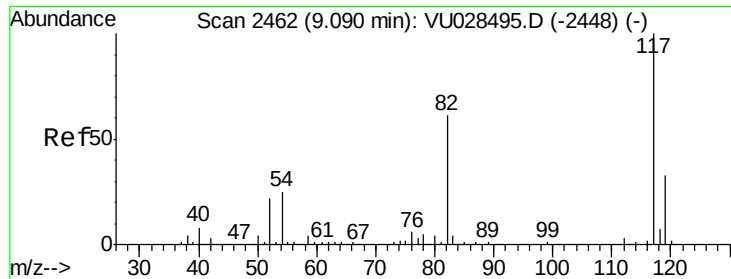
20000

10000

0

Time-->

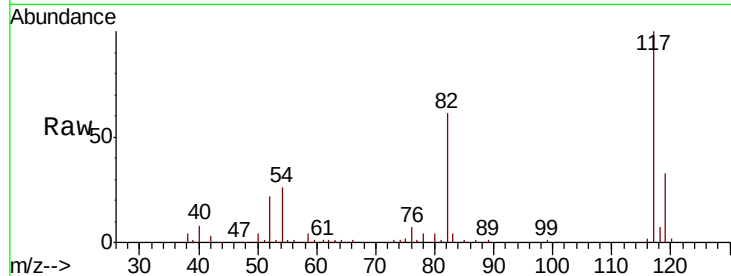




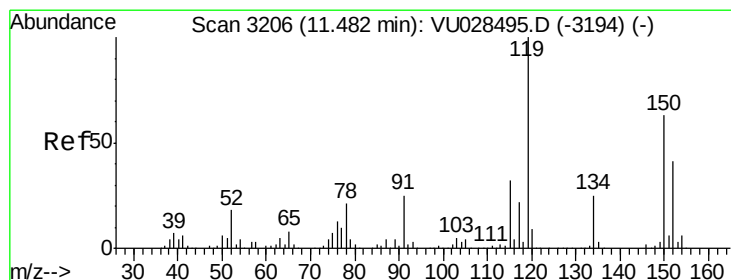
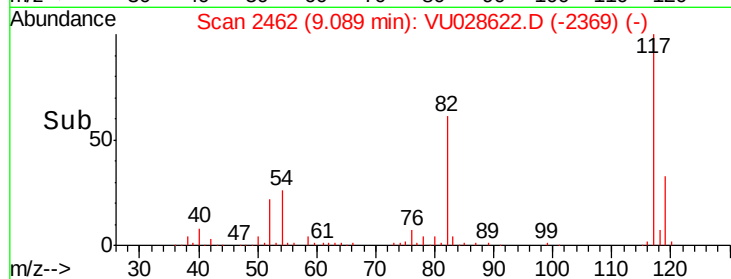
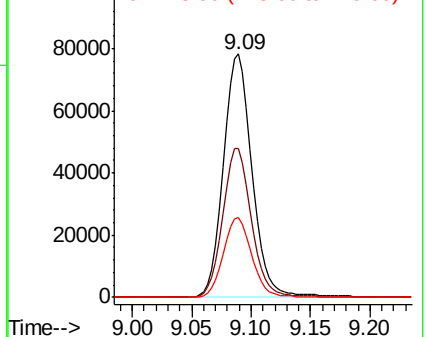
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028622.D
Acq: 11 Dec 2018 21:15

Instrument :
MSVOA_U
ClientSampleId :
RE-131D3-20181205DL

Tot Ion:117 Resp: 130771
Ion Ratio Lower Upper
117 100
82 61.0 48.9 73.3
119 32.6 26.2 39.4

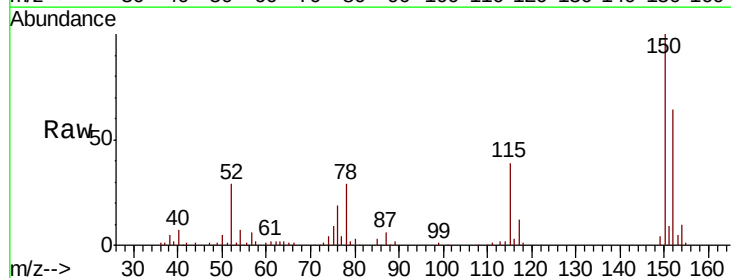


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028622.D
Acq: 11 Dec 2018 21:15

Tgt Ion:152 Resp: 50684
Ion Ratio Lower Upper
152 100
115 60.9 42.7 128.1
150 157.4 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

