

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028620.D
 Acq On : 11 Dec 2018 20:27
 Operator : MD/SY
 Sample : J6325-07DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D2-20181205DL

Quant Time: Dec 12 04:52:33 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

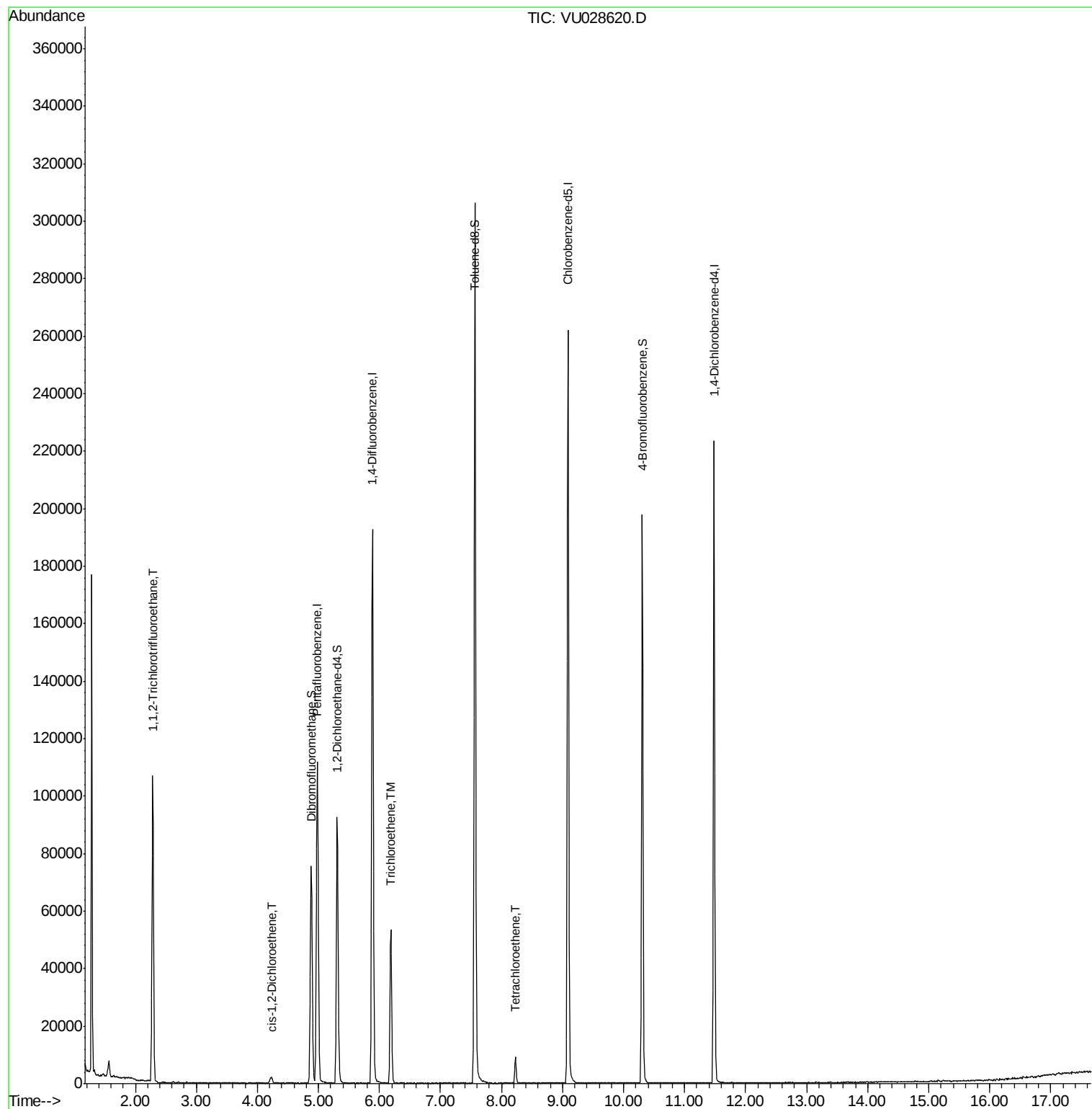
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	82522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	154878	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139415	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	71270	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
35) Dibromofluoromethane	4.88	113	52326	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
50) Toluene-d8	7.57	98	199502	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	10.30	95	65516	45.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.92%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	40471	43.827	ug/l	98
27) cis-1,2-Dichloroethene	4.22	96	1112	0.950	ug/l	91
44) Trichloroethene	6.19	130	17319	15.605	ug/l	99
64) Tetrachloroethene	8.23	164	2128	2.288	ug/l	85

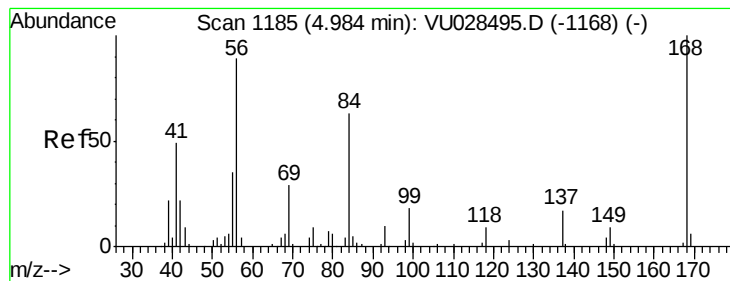
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.00 min

Lab File: VU028620.D

Acq: 11 Dec 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

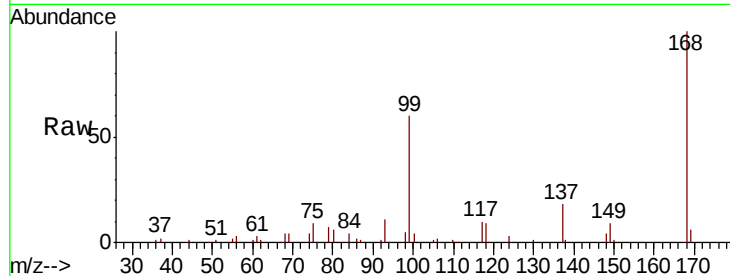
RE-131D2-20181205DL

Tot Ion:168 Resp: 82522

Ion Ratio Lower Upper

168 100

99 59.6 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

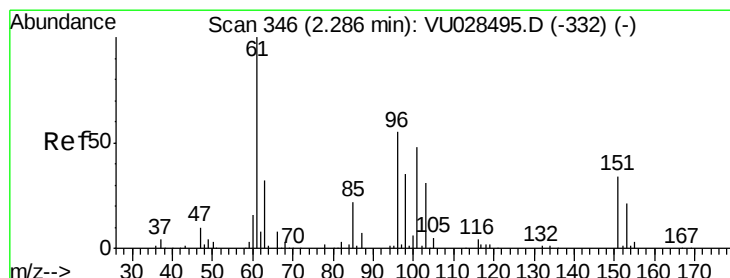
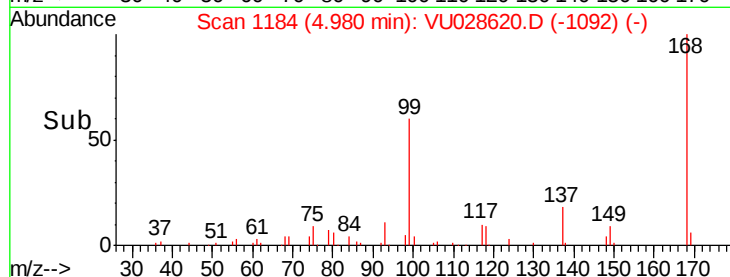
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.827 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028620.D

Acq: 11 Dec 2018 20:27

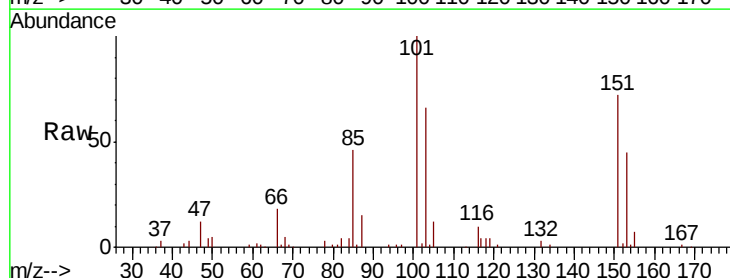
Tgt Ion:101 Resp: 40471

Ion Ratio Lower Upper

101 100

85 47.5 36.4 54.6

151 71.4 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

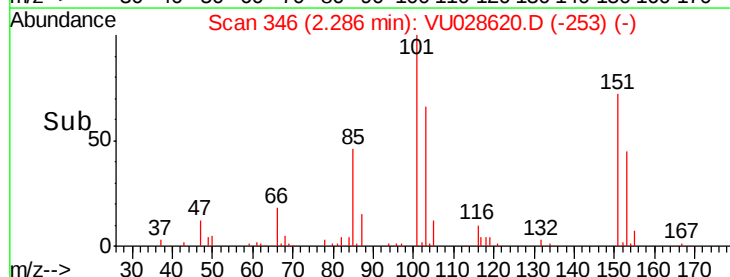
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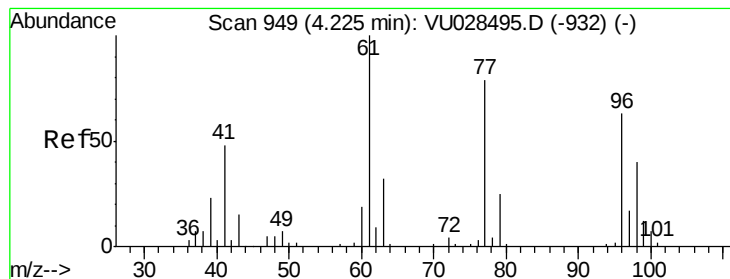
5000

0

2.20 2.25 2.30 2.35

Time-->



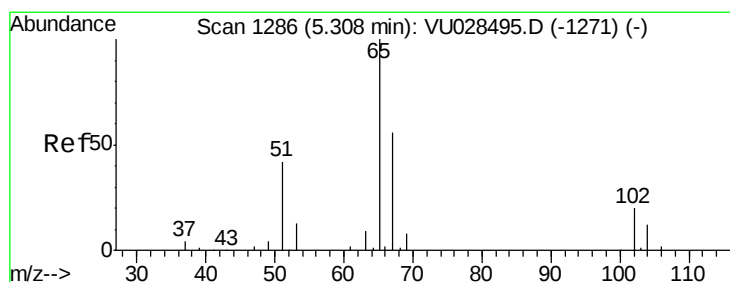
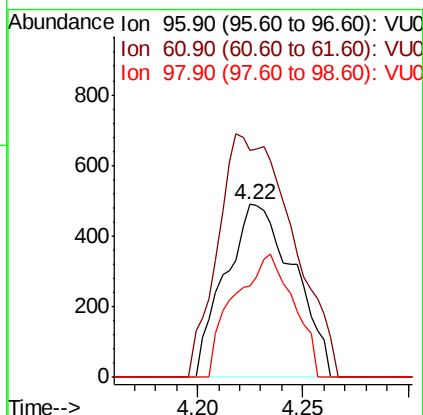
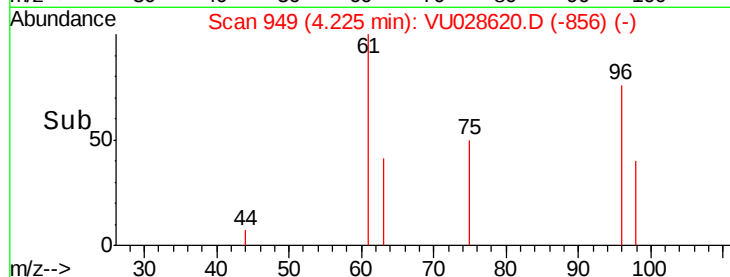
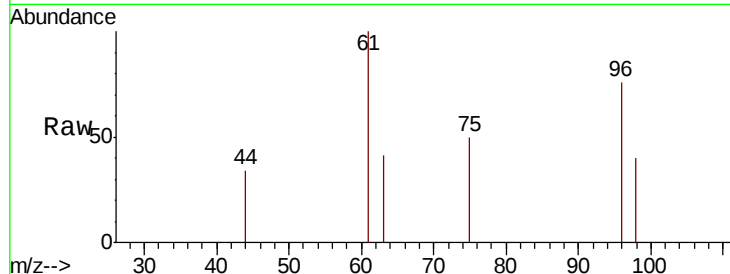


#27

cis-1,2-Dichloroethene
 Concen: 0.950 ug/l
 RT: 4.22 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: VU028620.D
 Acq: 11 Dec 2018 20:27

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D2-20181205DL

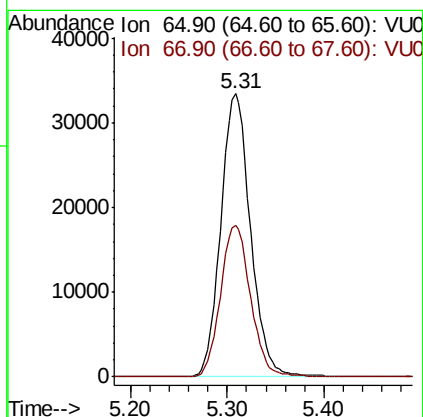
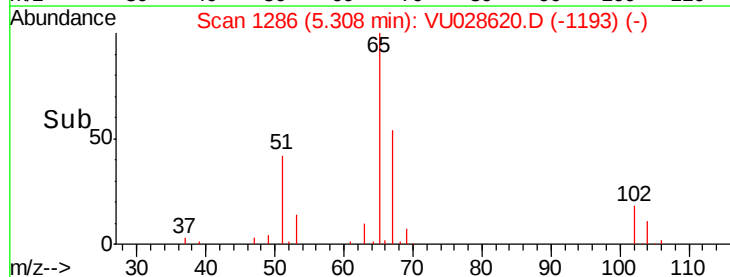
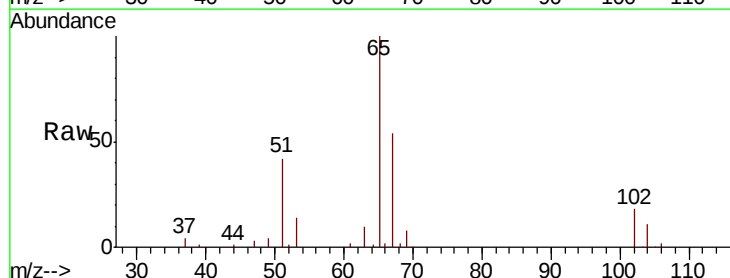
Tot Ion: 96 Resp: 1112
 Ion Ratio Lower Upper
 96 100
 61 151.5 0.0 332.4
 98 61.1 0.0 129.0

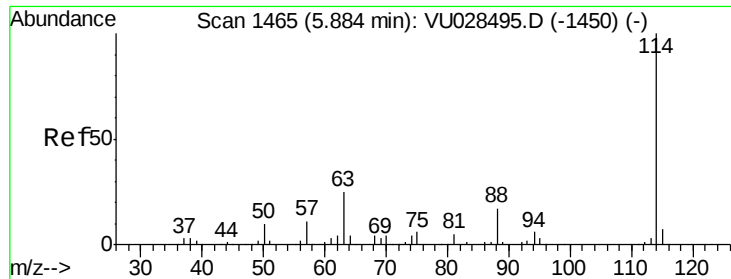


#33

1,2-Dichloroethane-d4
 Concen: 56.593 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028620.D
 Acq: 11 Dec 2018 20:27

Tgt Ion: 65 Resp: 71270
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6

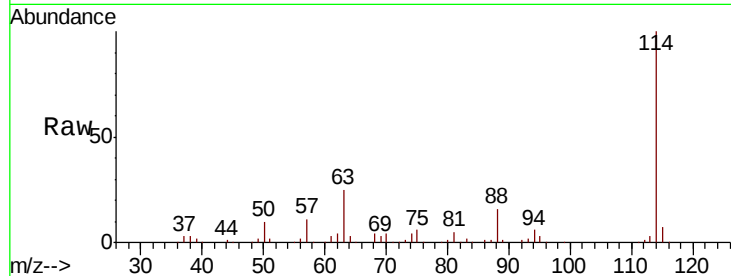




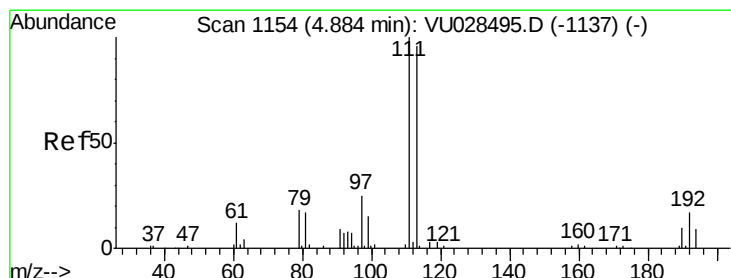
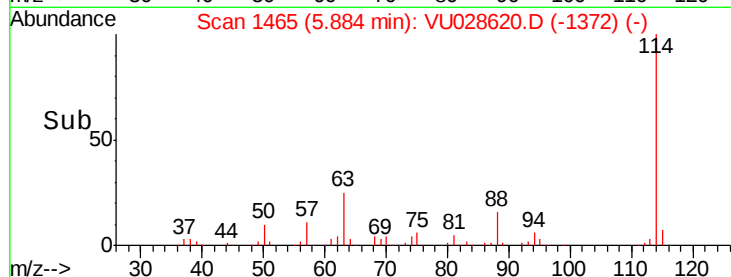
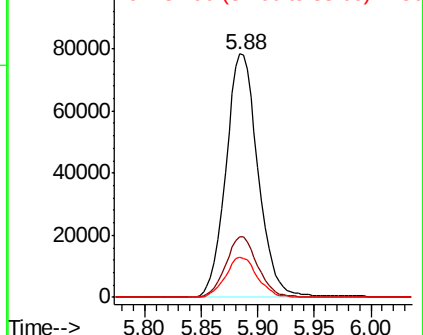
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028620.D
 Acq: 11 Dec 2018 20:27

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D2-20181205DL

Tot Ion:114 Resp: 154878
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.3 0.0 33.4

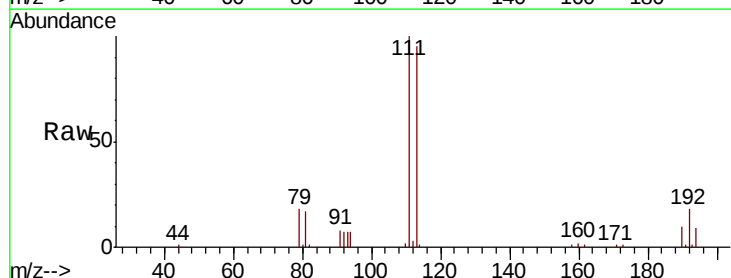


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

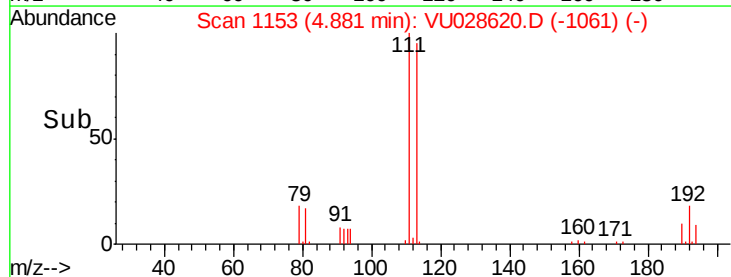
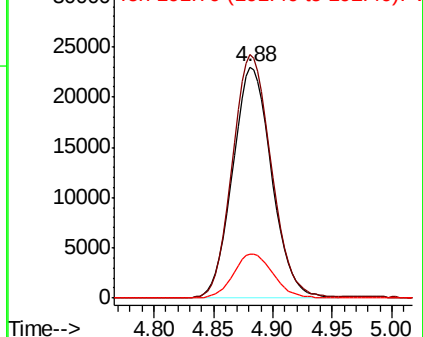


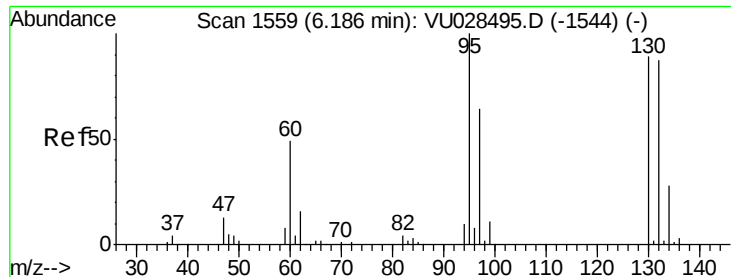
#35
 Dibromofluoromethane
 Concen: 53.687 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028620.D
 Acq: 11 Dec 2018 20:27

Tgt Ion:113 Resp: 52326
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.4 125.0
 192 19.2 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: 15.605 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VU028620.D

Acq: 11 Dec 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

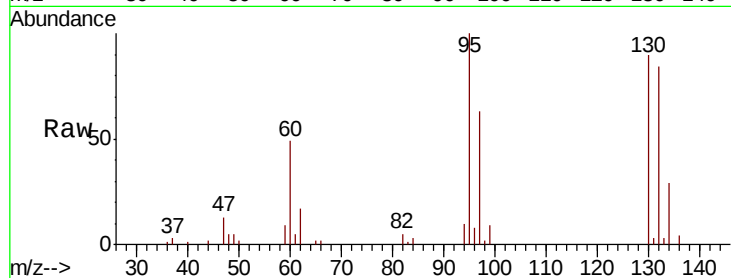
RE-131D2-20181205DL

Tot Ion:130 Resp: 17319

Ion Ratio Lower Upper

130 100

95 111.1 0.0 224.0

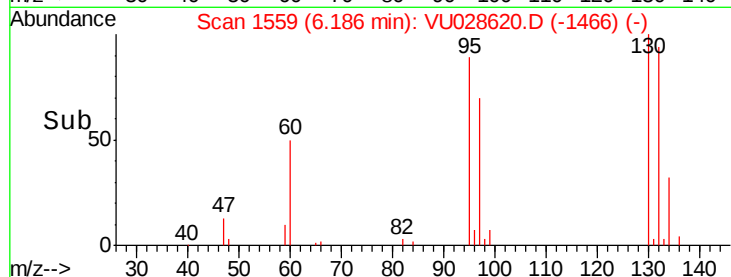


Abundance Ion 129.80 (129.50 to 130.50): VU028495.D (-1544) (-)

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

6.19

Time-->



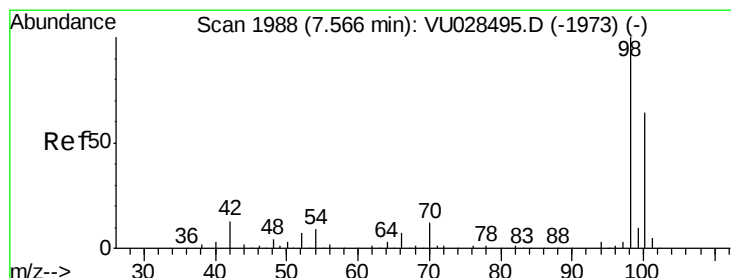
Abundance

Ion 129.80 (129.50 to 130.50): VU028620.D (-1466) (-)

Ion 94.90 (94.60 to 95.60): VU028620.D (-1466) (-)

6.19

Time-->



#50

Toluene-d8

Concen: 51.744 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028620.D

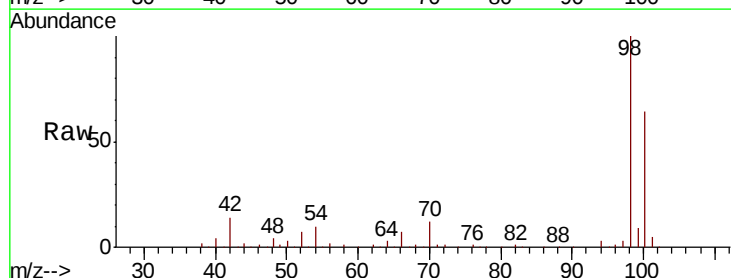
Acq: 11 Dec 2018 20:27

Tgt Ion: 98 Resp: 199502

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6

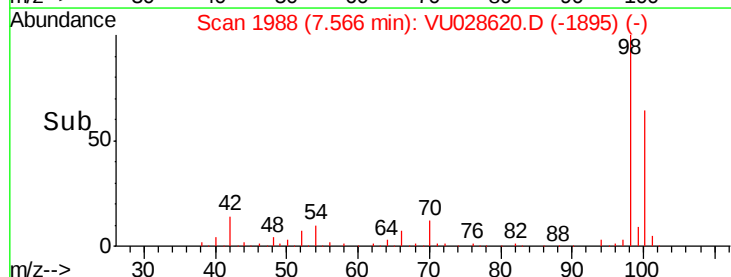


Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

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

7.57

Time-->



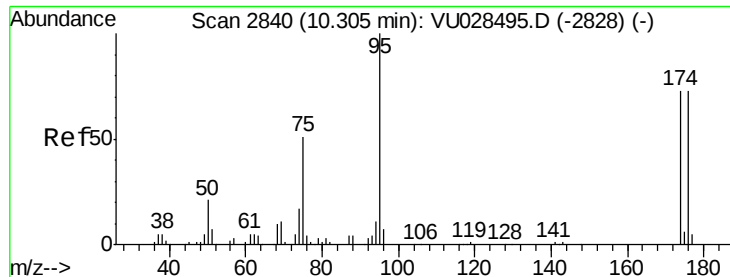
Abundance

Ion 98.00 (97.70 to 98.70): VU028620.D (-1895) (-)

Ion 100.00 (99.70 to 100.70): VU028620.D (-1895) (-)

7.57

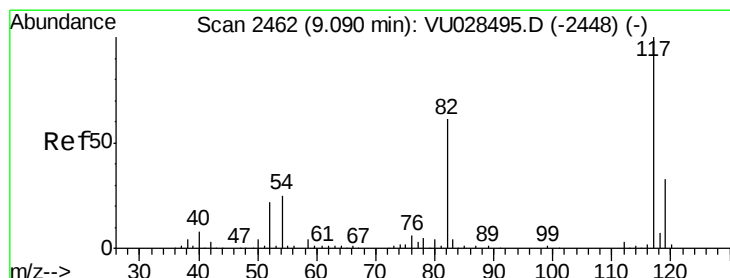
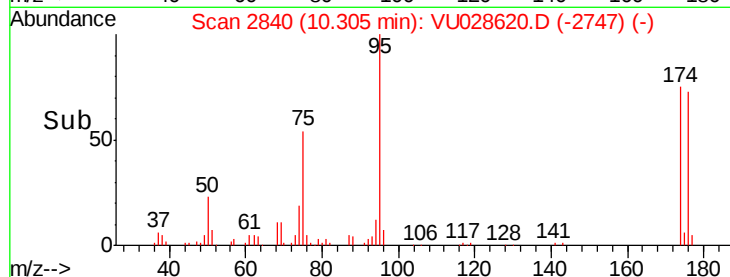
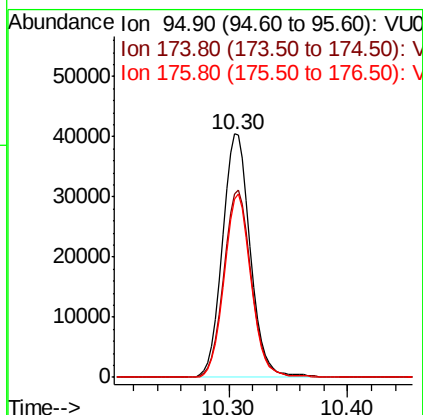
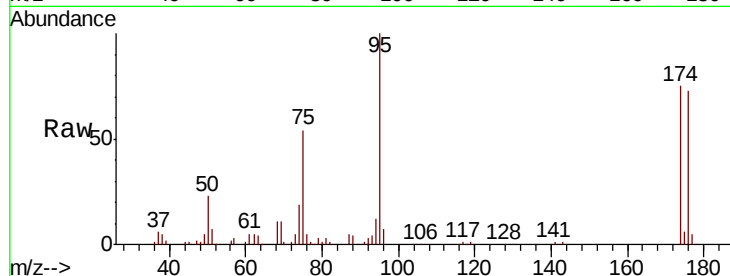
Time-->



#62
 4-Bromofluorobenzene
 Concen: 45.463 ug/l
 RT: 10.30 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VU028620.D
 Acq: 11 Dec 2018 20:27

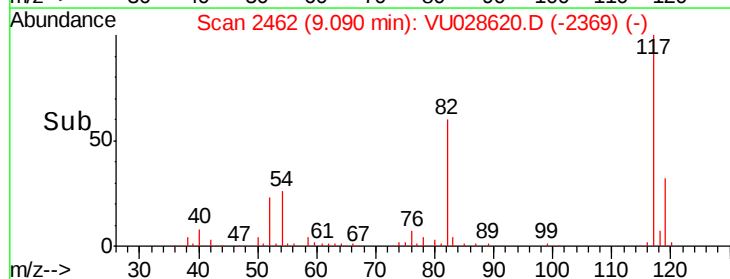
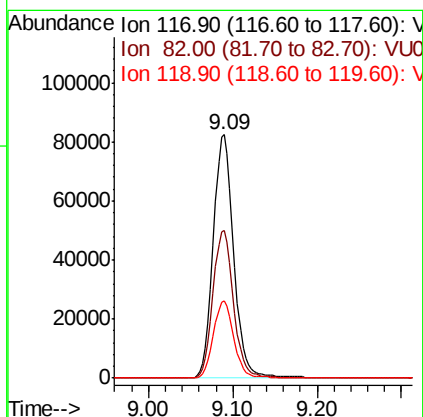
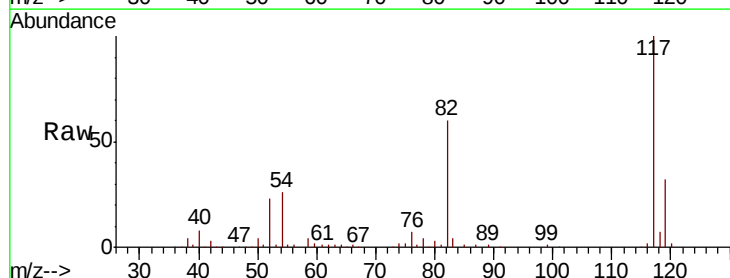
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D2-20181205DL

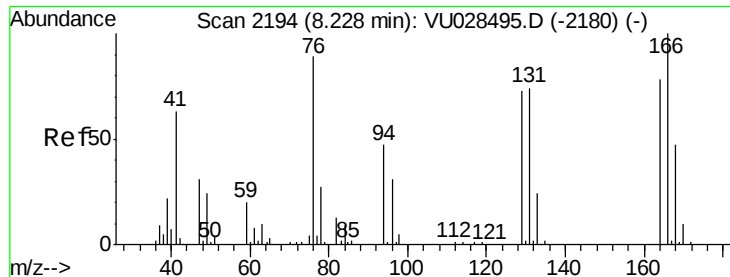
Tot Ion: 95 Resp: 65516
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.4
 176 73.1 0.0 145.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 9.09 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VU028620.D
 Acq: 11 Dec 2018 20:27

Tgt Ion: 117 Resp: 139415
 Ion Ratio Lower Upper
 117 100
 82 60.5 48.9 73.3
 119 31.6 26.2 39.4





#64

Tetrachloroethene

Concen: 2.288 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU028620.D

Acq: 11 Dec 2018 20:27

Instrument :

MSVOA_U

ClientSampleId :

RE-131D2-20181205DL

Tot Ion:164 Resp: 2128

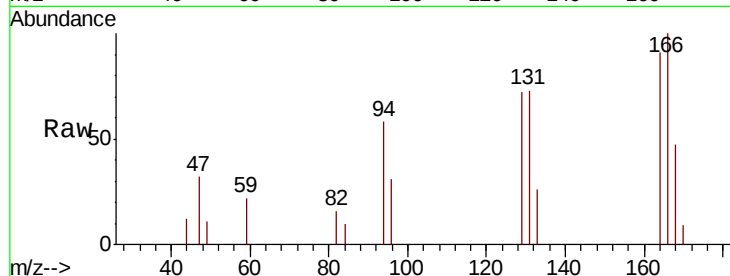
Ion Ratio Lower Upper

164 100

166 110.0 101.9 152.9

129 79.0 74.9 112.3

131 80.4 75.4 113.0

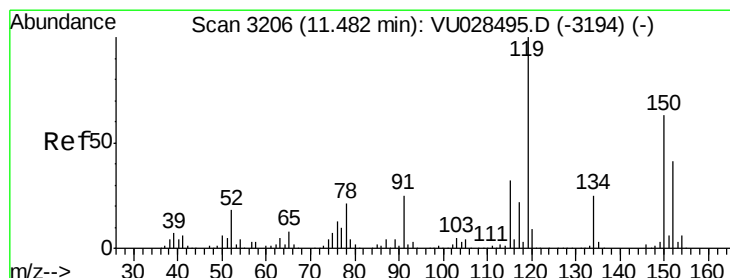
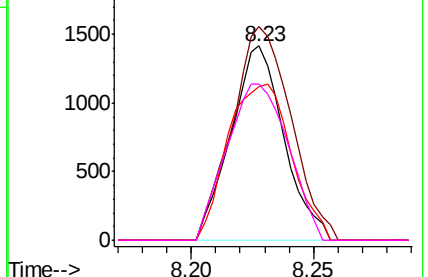
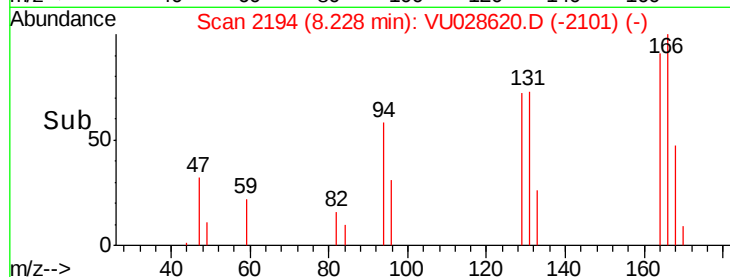


Abundance Ion 163.80 (163.50 to 164.50): V

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: VU028620.D

Acq: 11 Dec 2018 20:27

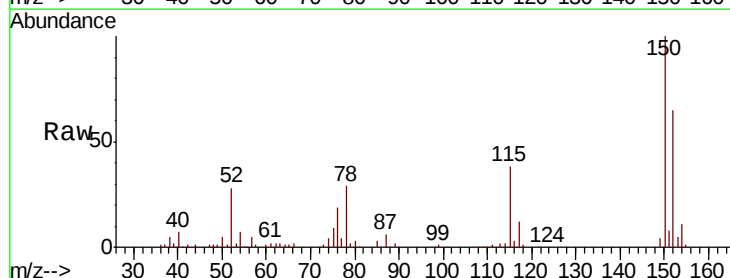
Tgt Ion:152 Resp: 54172

Ion Ratio Lower Upper

152 100

115 59.4 42.7 128.1

150 155.5 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

