

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028557.D
 Acq On : 10 Dec 2018 17:35
 Operator : MD/SY
 Sample : J6323-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-126D3-20181207

Quant Time: Dec 11 04:09:25 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

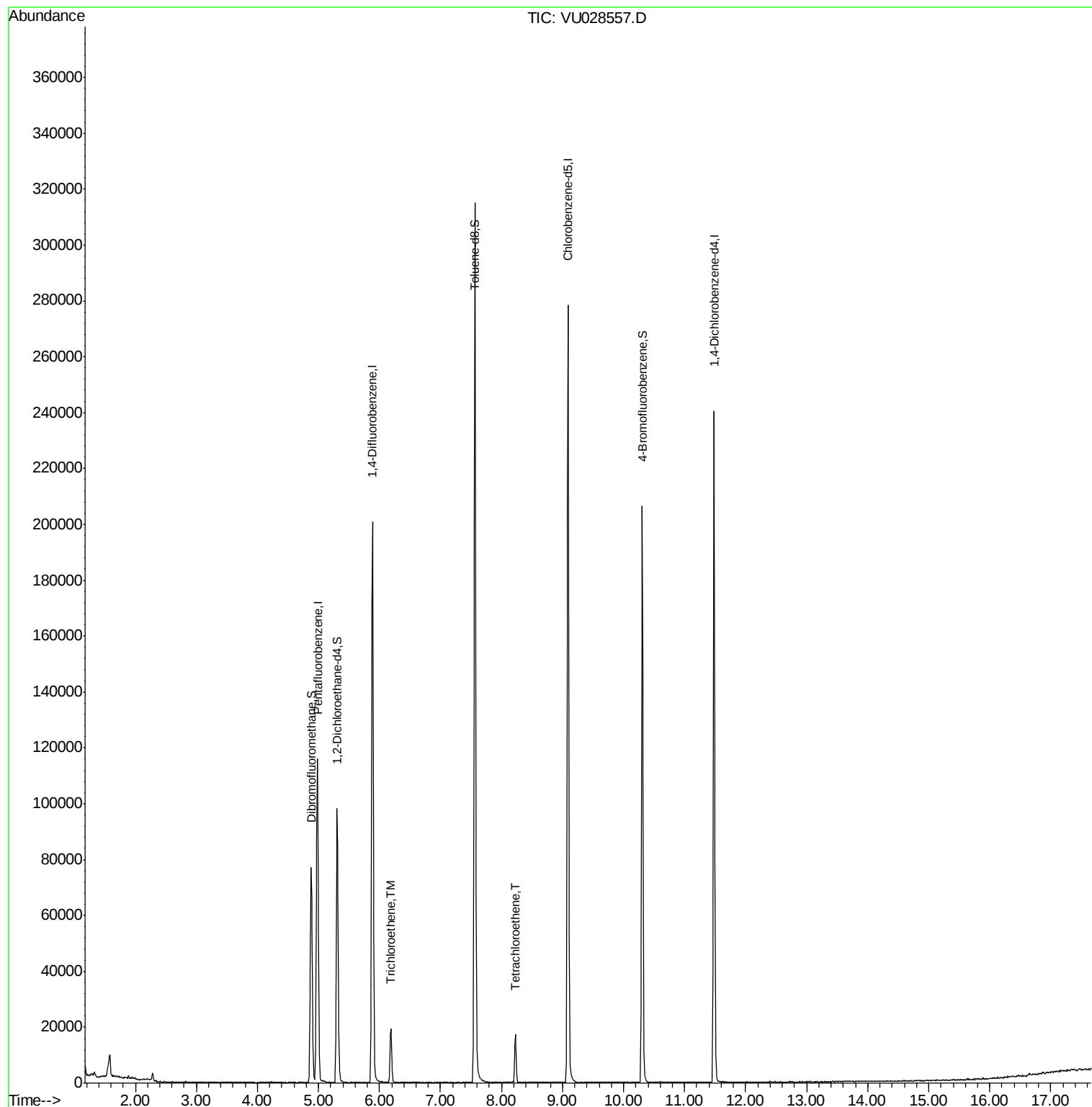
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	86606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	160414	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	146309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	58941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	74559	56.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.82%	
35) Dibromofluoromethane	4.88	113	53480	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	7.57	98	208172	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	10.30	95	68657	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
44) Trichloroethene	6.19	130	6471	5.629	ug/l	97
64) Tetrachloroethene	8.22	164	3981	4.079	ug/l	95

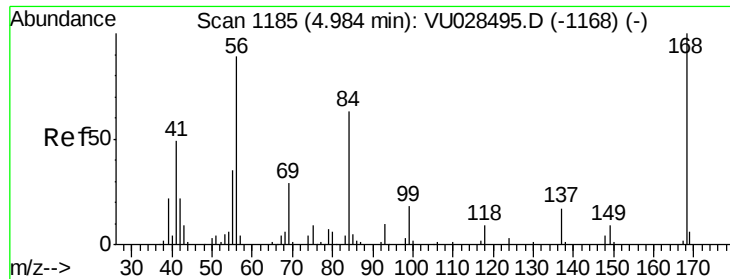
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028557.D

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Instrument :

MSVOA_U

ClientSampleId :

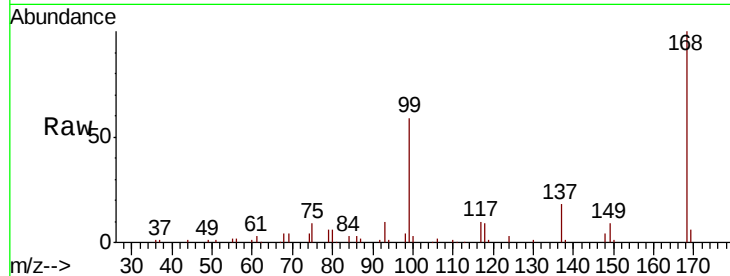
RE-126D3-20181207

Tot Ion:168 Resp: 86606

Ion Ratio Lower Upper

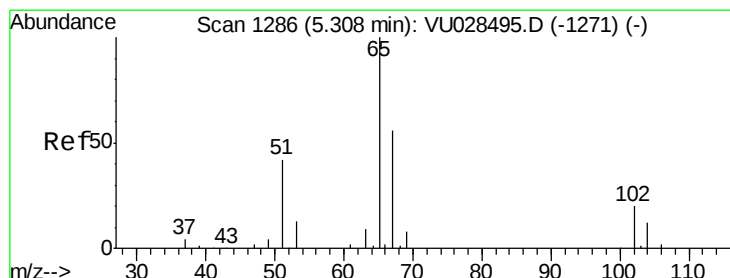
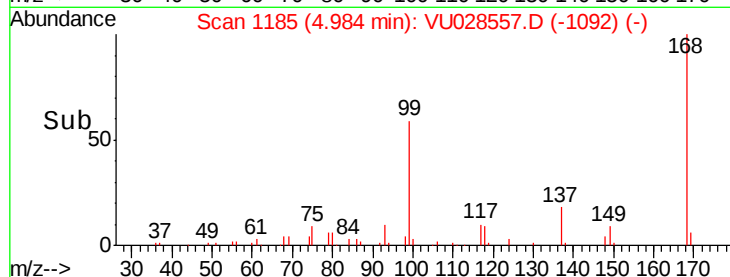
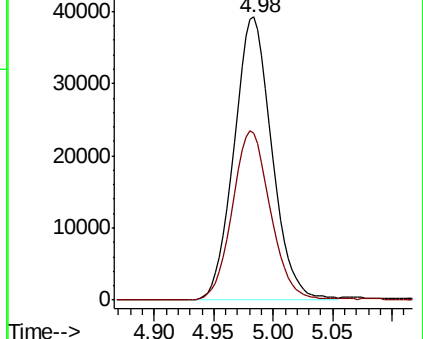
168 100

99 59.1 46.6 69.8



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

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.413 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. -0.00 min

Lab File: VU028557.D

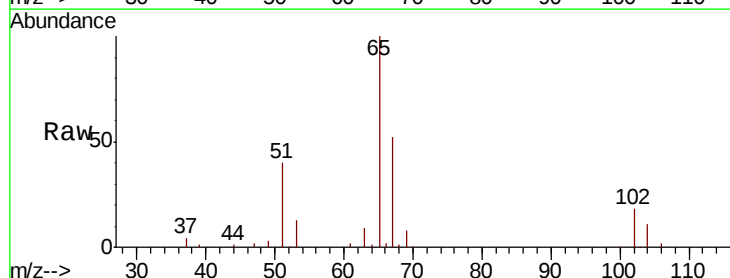
Acq: 10 Dec 2018 17:35

Tgt Ion: 65 Resp: 74559

Ion Ratio Lower Upper

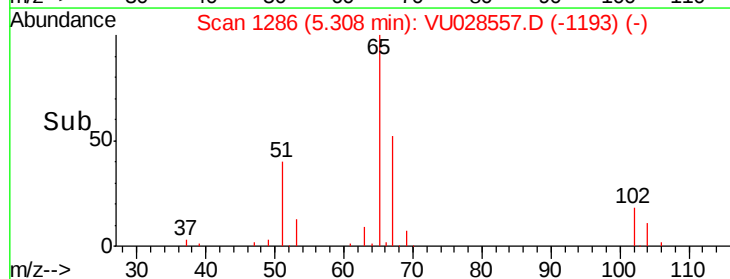
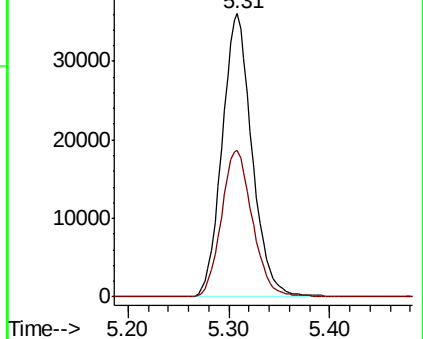
65 100

67 53.7 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

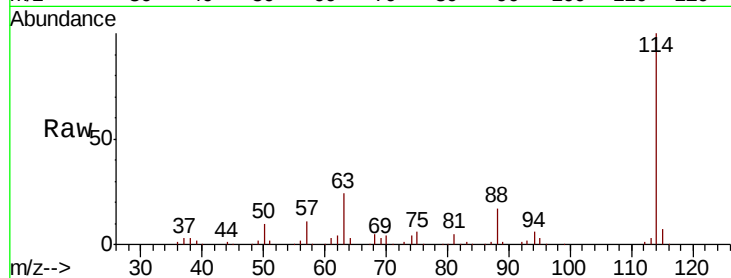




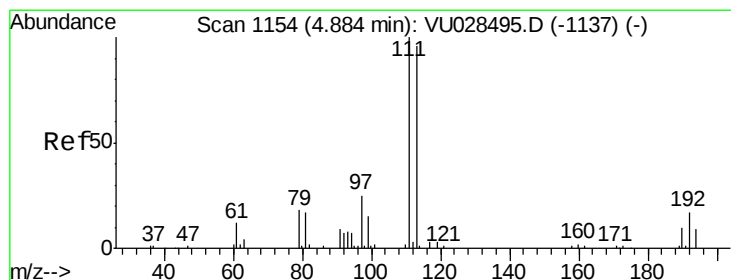
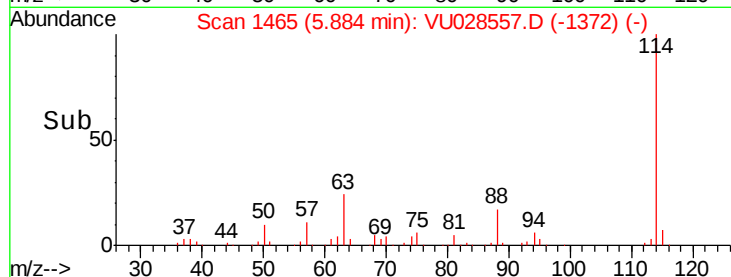
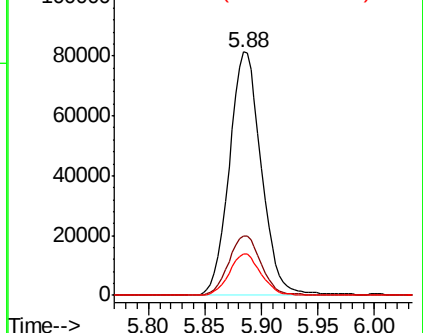
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028557.D
 Acq: 10 Dec 2018 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-126D3-20181207

Tot Ion:114 Resp: 160414
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 17.0 0.0 33.4

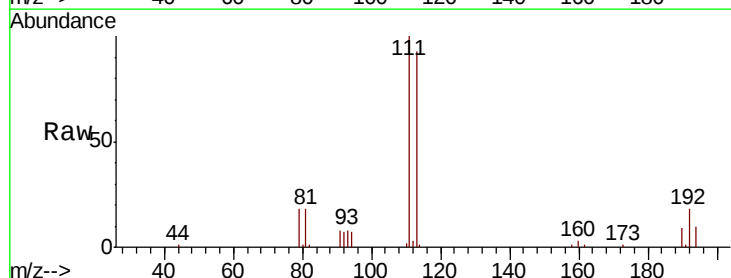


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

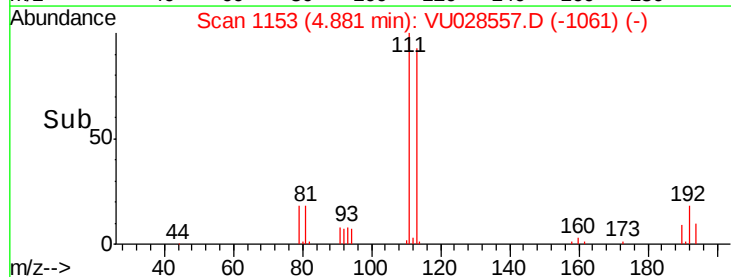
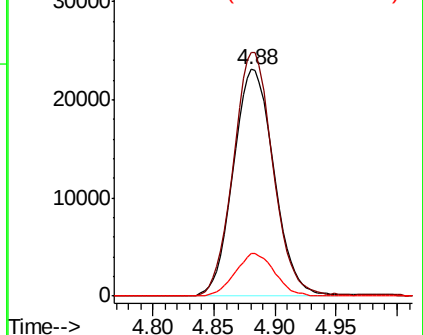


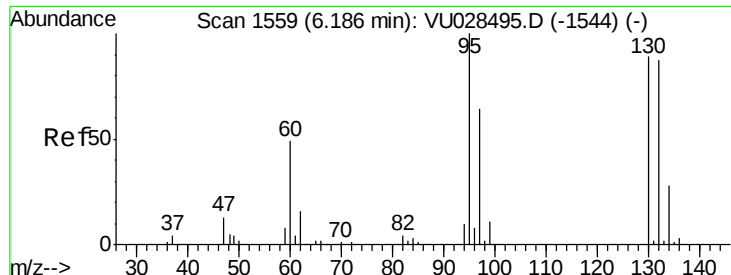
#35
 Dibromofluoromethane
 Concen: 52.977 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028557.D
 Acq: 10 Dec 2018 17:35

Tgt Ion:113 Resp: 53480
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.4 125.0
 192 18.2 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: 5.629 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028557.D

Acq: 10 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

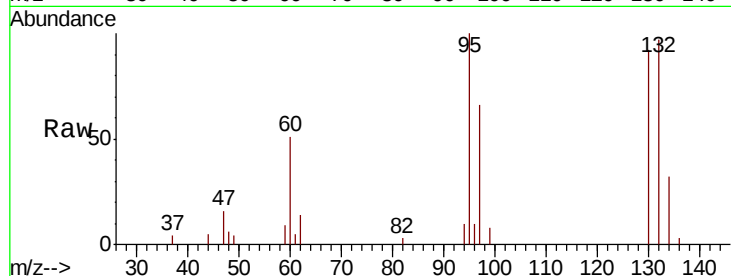
RE-126D3-20181207

Tot Ion:130 Resp: 6471

Ion Ratio Lower Upper

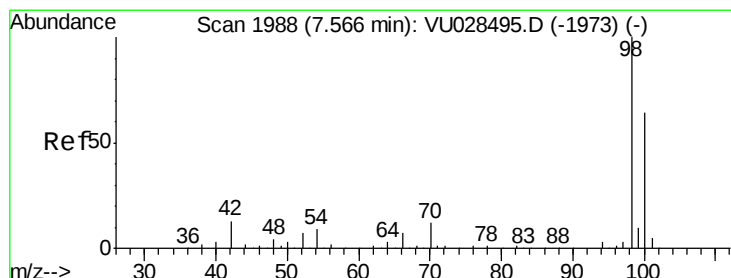
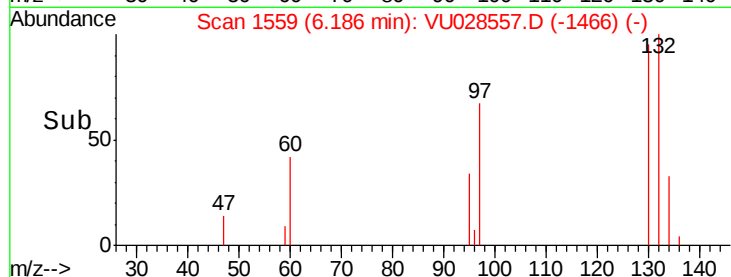
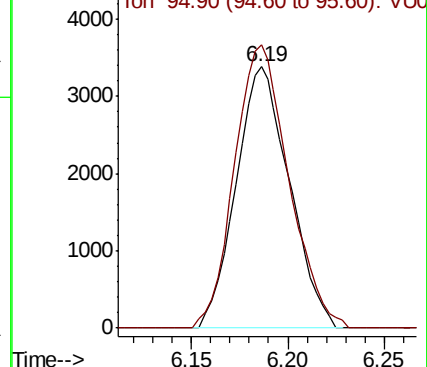
130 100

95 108.4 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: 52.129 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU028557.D

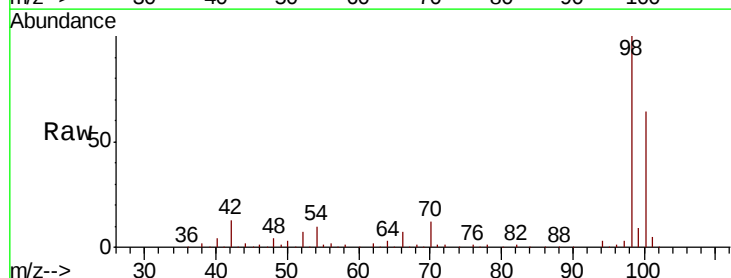
Acq: 10 Dec 2018 17:35

Tgt Ion: 98 Resp: 208172

Ion Ratio Lower Upper

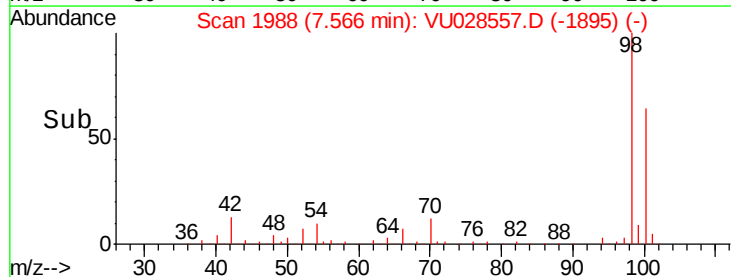
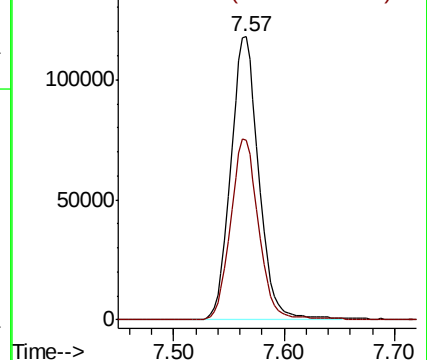
98 100

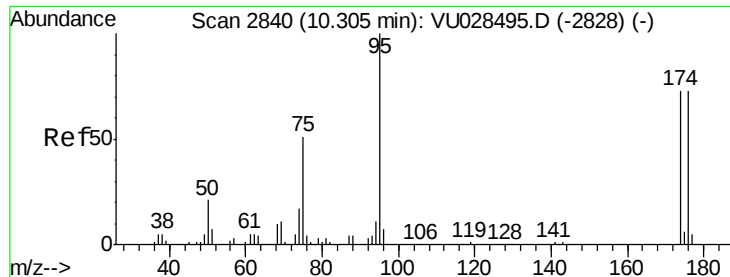
100 64.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU





#62

4-Bromofluorobenzene

Concen: 45.999 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028557.D

Acq: 10 Dec 2018 17:35

Instrument :

MSVOA_U

ClientSampleId :

RE-126D3-20181207

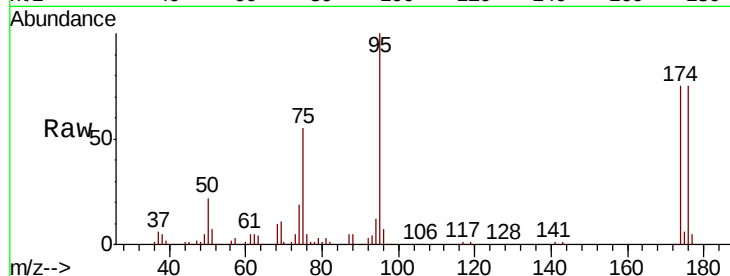
Tot Ion: 95 Resp: 68657

Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.4

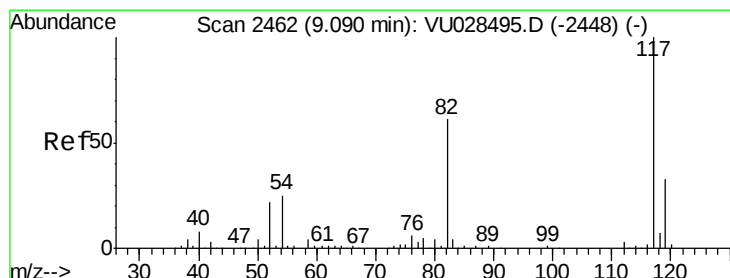
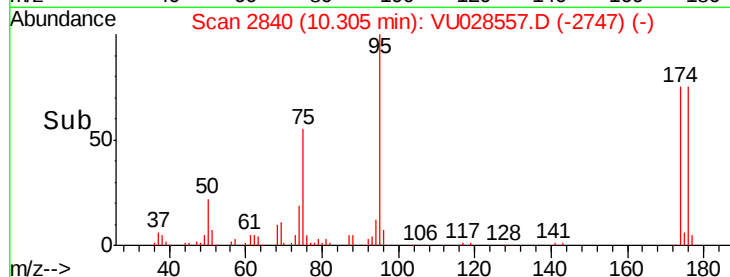
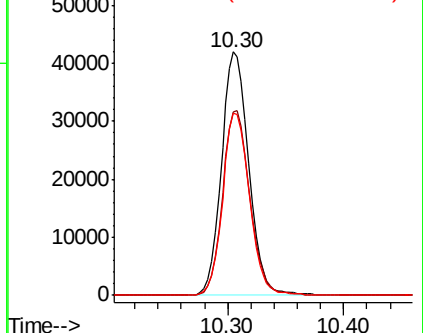
176 73.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028557.D

Acq: 10 Dec 2018 17:35

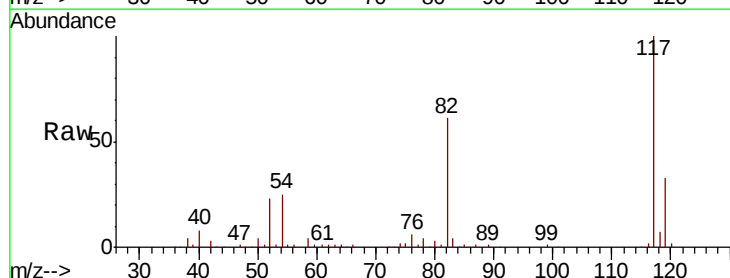
Tgt Ion: 117 Resp: 146309

Ion Ratio Lower Upper

117 100

82 61.3 48.9 73.3

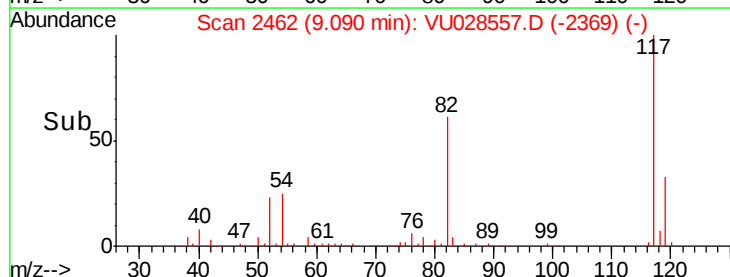
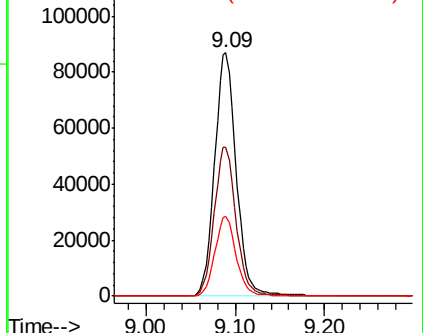
119 32.5 26.2 39.4

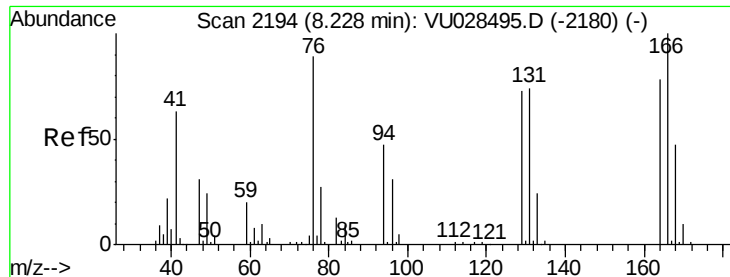


Abundance Ion 116.90 (116.60 to 117.60): VU028495.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028495.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028495.D (-2448) (-)

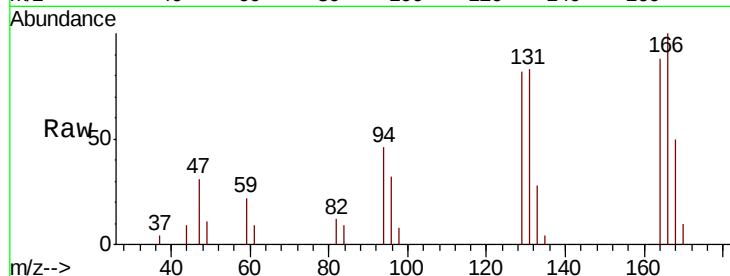




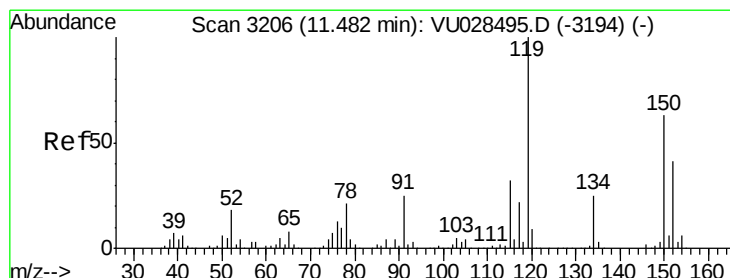
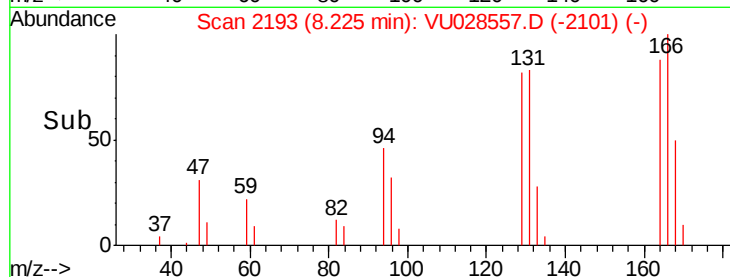
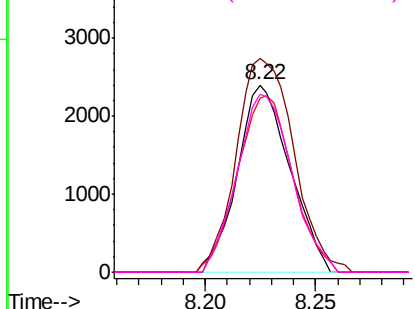
#64
Tetrachloroethene
Concen: 4.079 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028557.D
Acq: 10 Dec 2018 17:35

Instrument :
MSVOA_U
ClientSampleId :
RE-126D3-20181207

Tot Ion:164 Resp: 3981
Ion Ratio Lower Upper
164 100
166 114.1 101.9 152.9
129 93.0 74.9 112.3
131 95.2 75.4 113.0

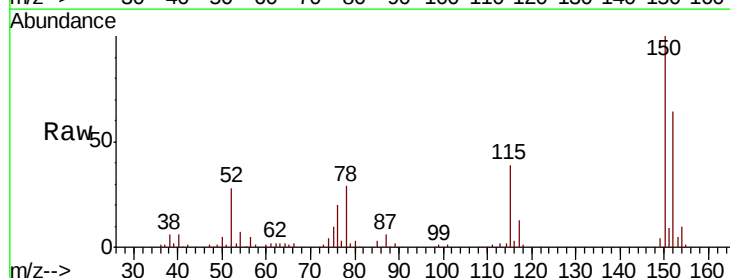


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028557.D
Acq: 10 Dec 2018 17:35

Tgt Ion:152 Resp: 58941
Ion Ratio Lower Upper
152 100
115 61.5 42.7 128.1
150 154.8 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

