

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121318\
 Data File : VU028619.D
 Acq On : 11 Dec 2018 20:02
 Operator : MD/SY
 Sample : J6325-06DL 4X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D3-20181204DL

Quant Time: Dec 12 04:50:19 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

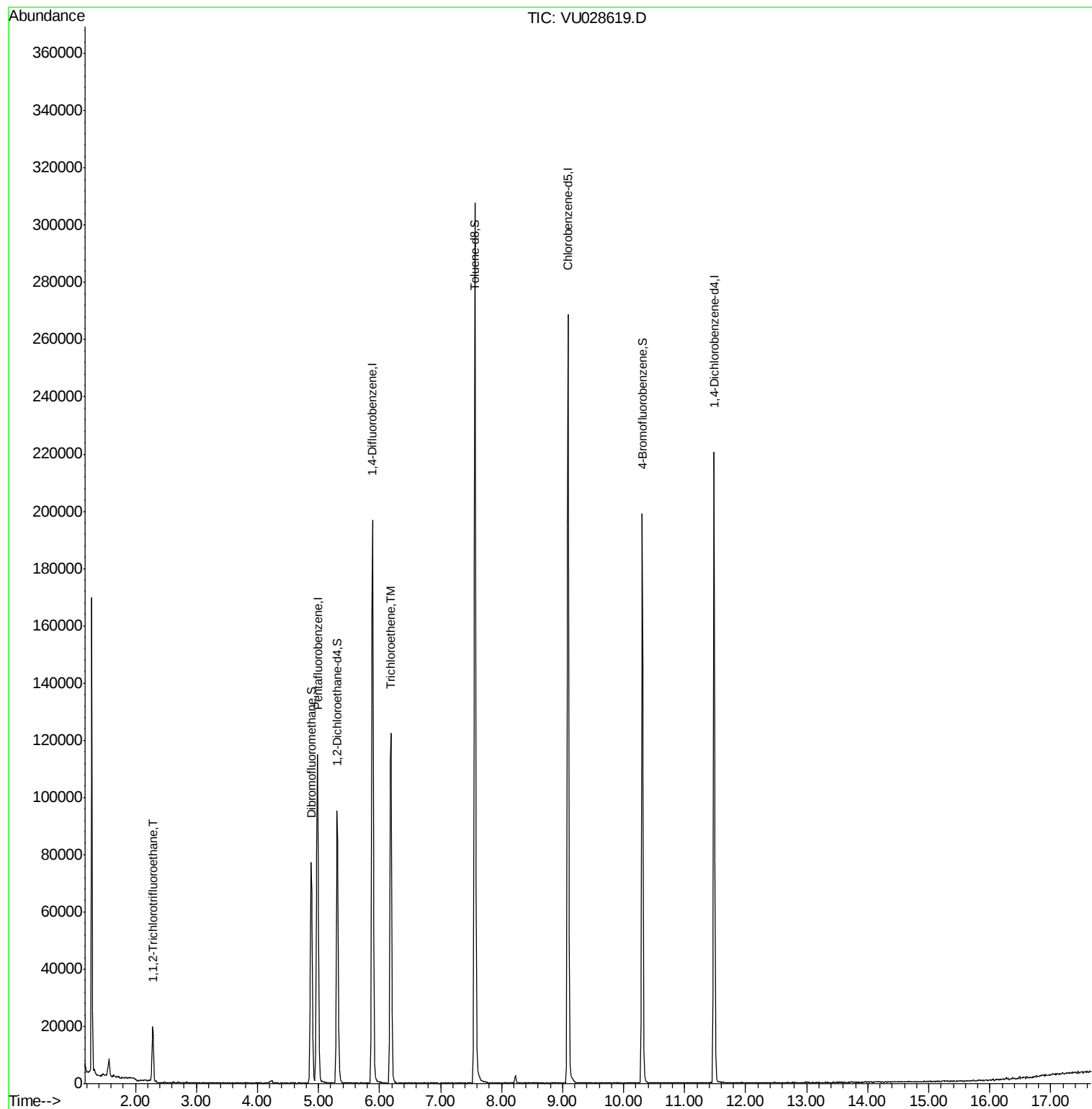
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	85342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	155110	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54760	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	72892	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	4.88	113	53169	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
50) Toluene-d8	7.57	98	200243	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	10.30	95	66085	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	7424	7.774	ug/l	98
44) Trichloroethene	6.19	130	40076	36.055	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: VU028619.D

Acq: 11 Dec 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

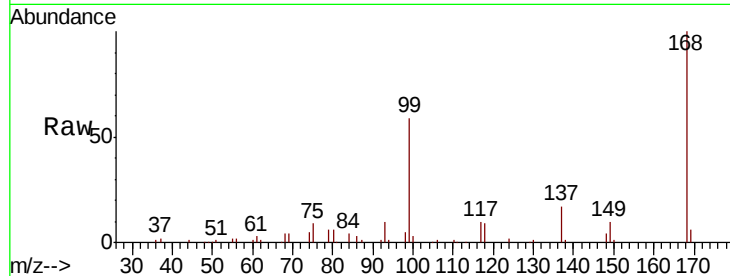
RE-125D3-20181204DL

Tot Ion:168 Resp: 85342

Ion Ratio Lower Upper

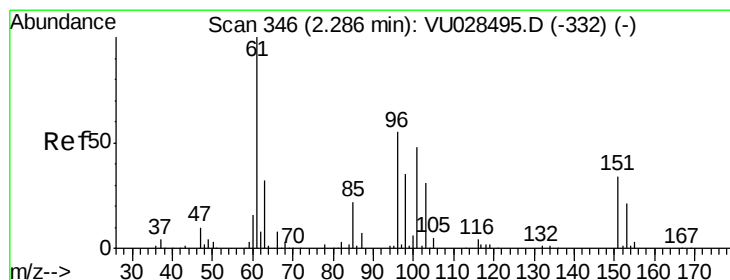
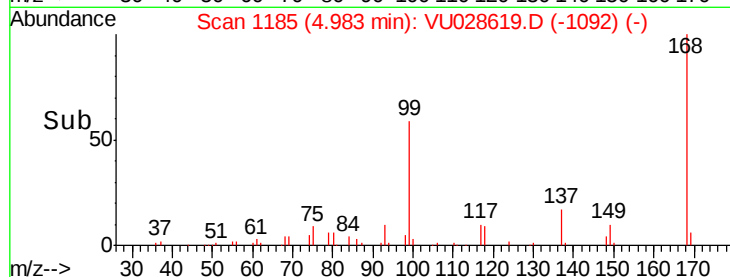
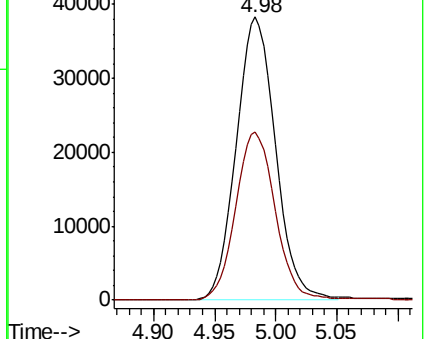
168 100

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



#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.774 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028619.D

Acq: 11 Dec 2018 20:02

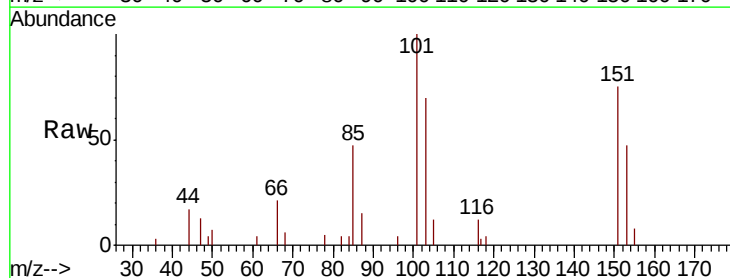
Tgt Ion:101 Resp: 7424

Ion Ratio Lower Upper

101 100

85 46.7 36.4 54.6

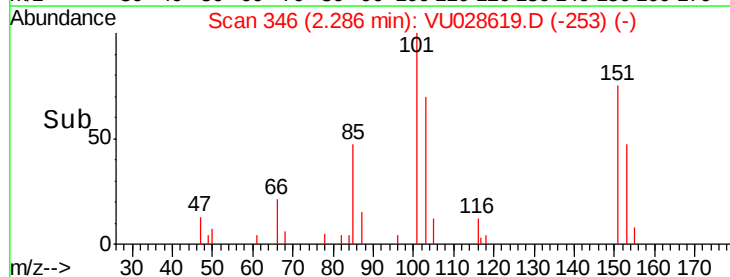
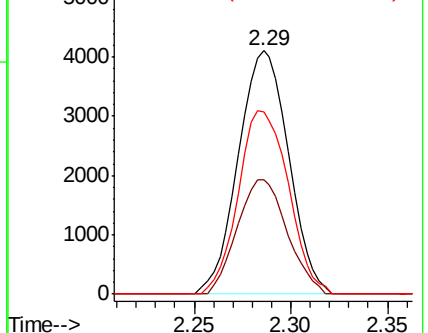
151 75.1 58.2 87.2

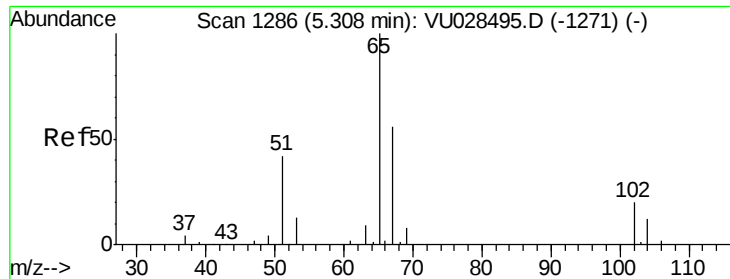


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V

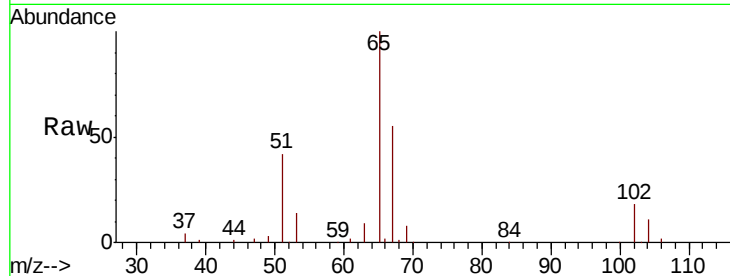




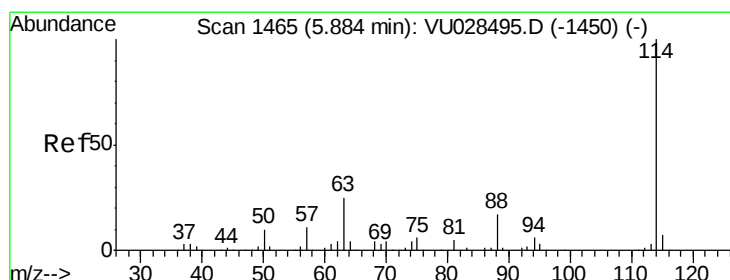
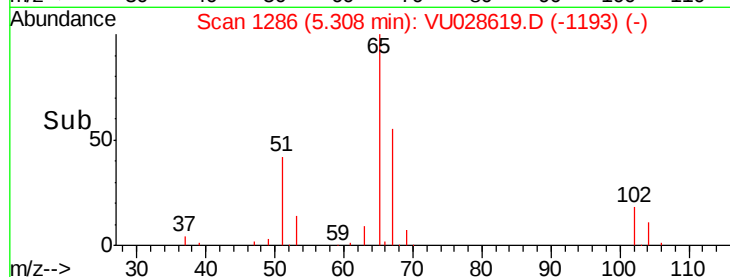
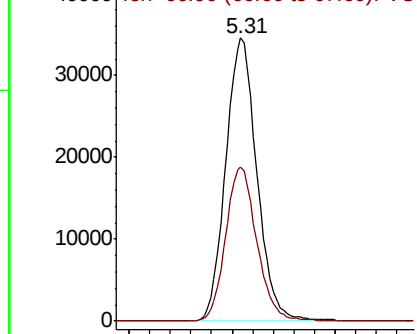
#33
 1,2-Dichloroethane-d4
 Concen: 55.969 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028619.D
 Acq: 11 Dec 2018 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D3-20181204DL

Tot Ion: 65 Resp: 72892
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.6

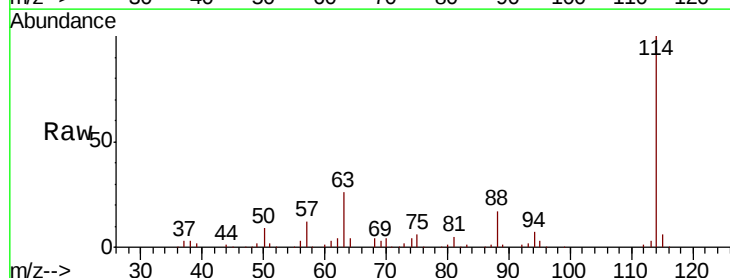


Abundance Ion 64.90 (64.60 to 65.60): VU0
 Ion 66.90 (66.60 to 67.60): VU0

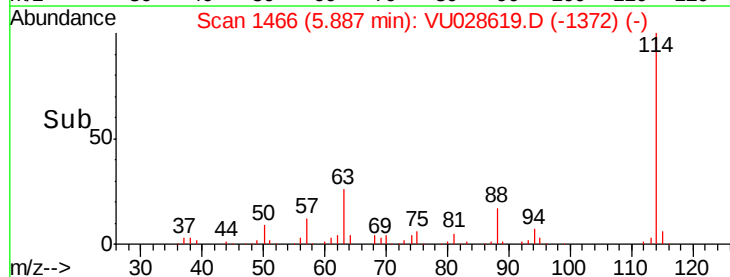
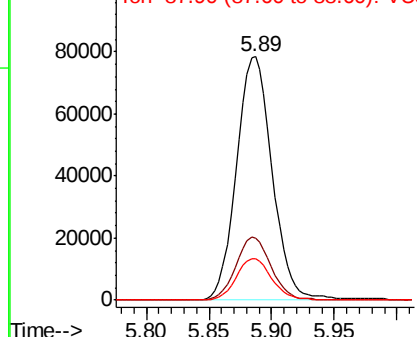


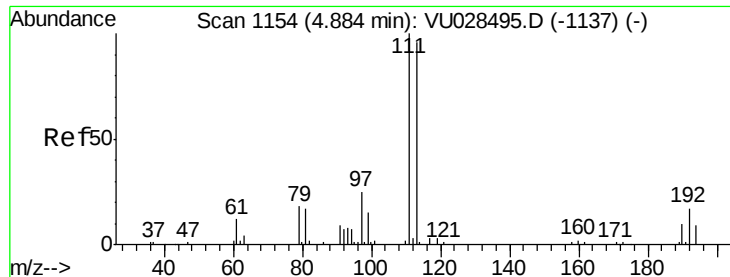
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028619.D
 Acq: 11 Dec 2018 20:02

Tgt Ion: 114 Resp: 155110
 Ion Ratio Lower Upper
 114 100
 63 25.6 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

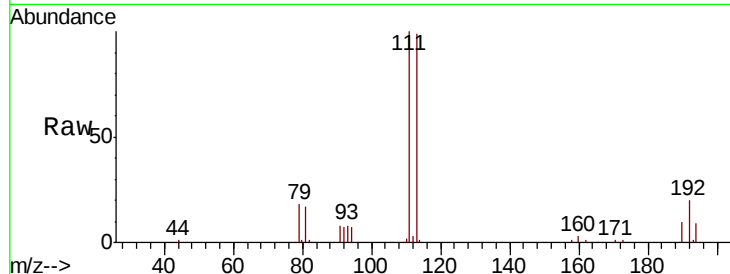




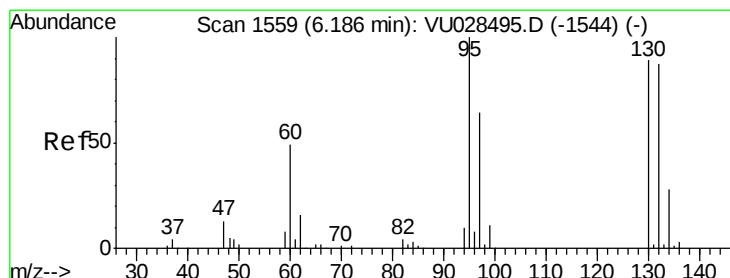
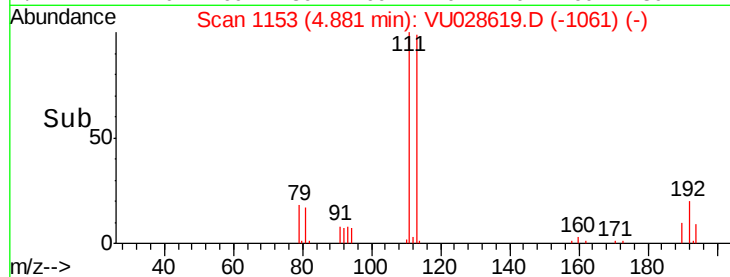
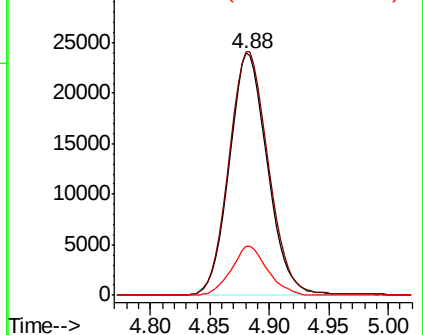
#35
 Dibromofluoromethane
 Concen: 54.470 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028619.D
 Acq: 11 Dec 2018 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D3-20181204DL

Tot Ion:113 Resp: 53169
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.0
 192 19.1 14.8 22.2

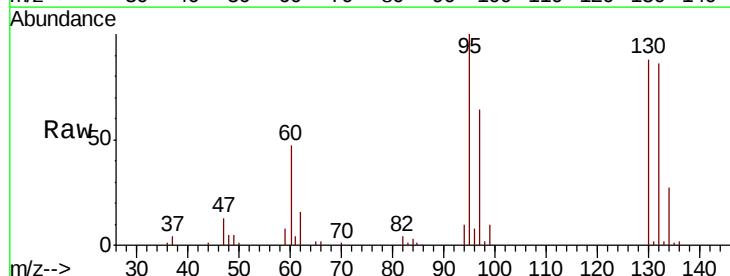


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

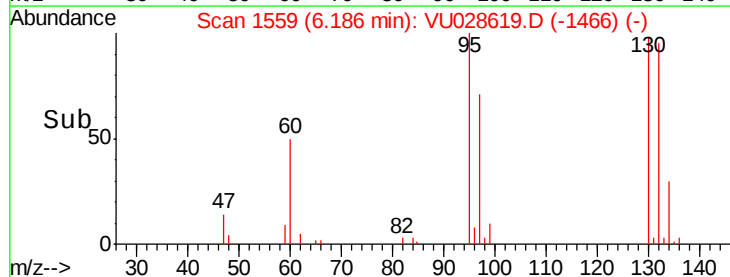
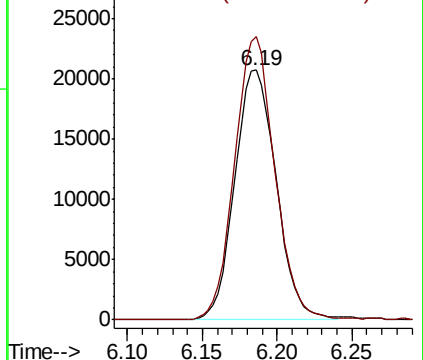


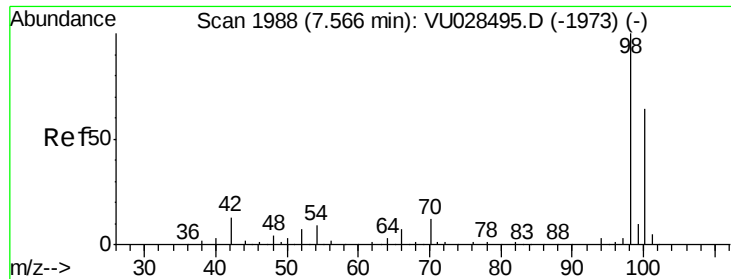
#44
 Trichloroethene
 Concen: 36.055 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028619.D
 Acq: 11 Dec 2018 20:02

Tgt Ion:130 Resp: 40076
 Ion Ratio Lower Upper
 130 100
 95 113.3 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: 51.858 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028619.D

Acq: 11 Dec 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

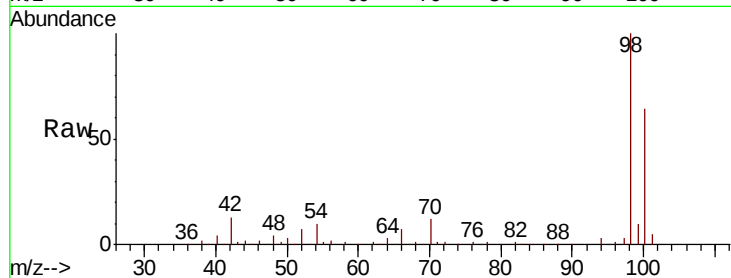
RE-125D3-20181204DL

Tot Ion: 98 Resp: 200243

Ion Ratio Lower Upper

98 100

100 64.4 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

120000

100000

80000

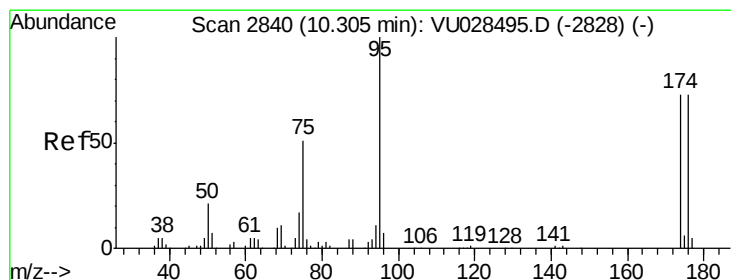
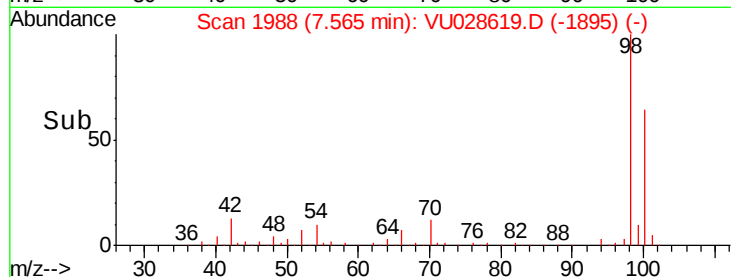
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.790 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028619.D

Acq: 11 Dec 2018 20:02

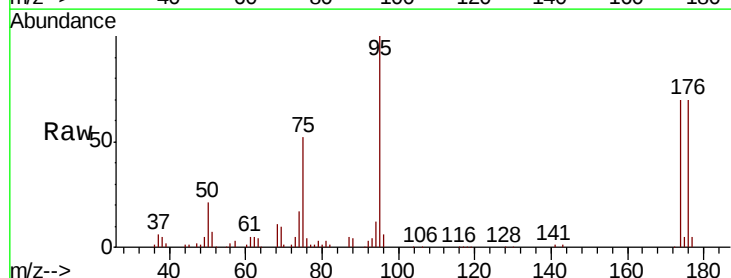
Tgt Ion: 95 Resp: 66085

Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

176 72.7 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) (-)

10.30

50000

40000

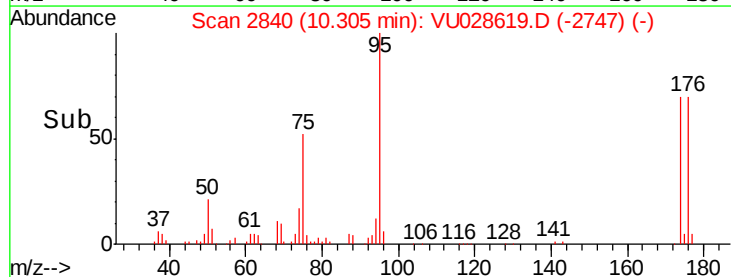
30000

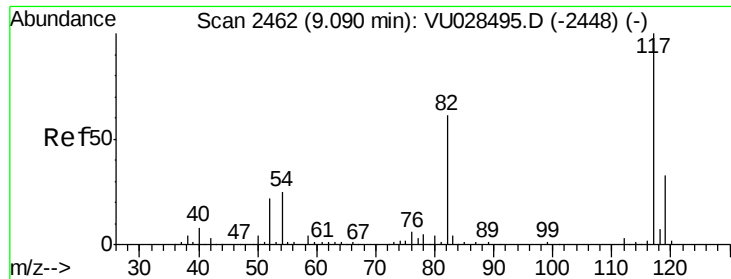
20000

10000

0

Time-->

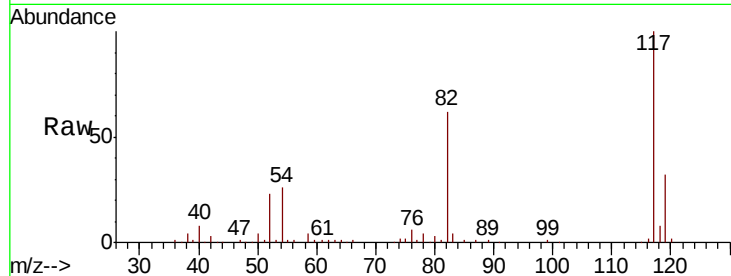




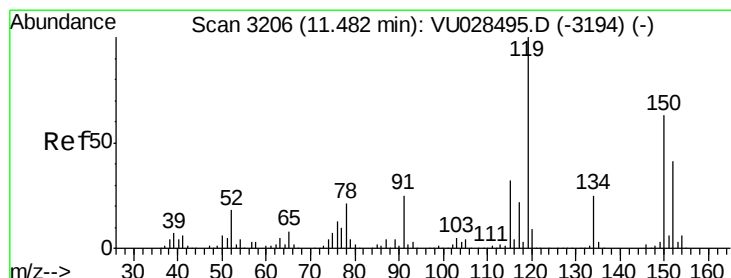
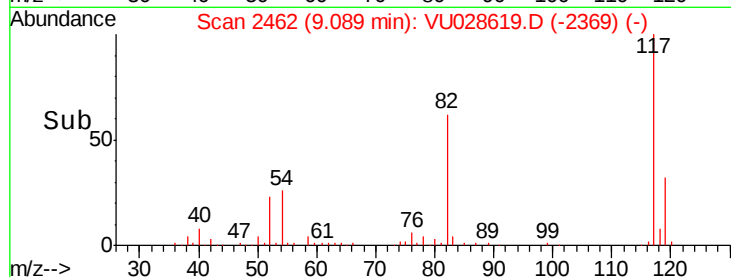
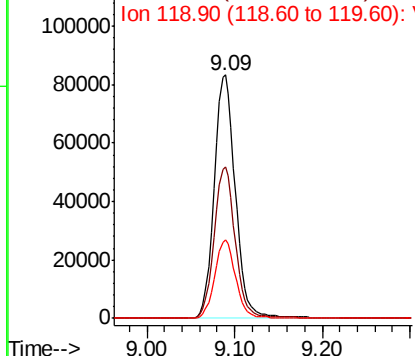
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028619.D
Acq: 11 Dec 2018 20:02

Instrument :
MSVOA_U
ClientSampleId :
RE-125D3-20181204DL

Tot Ion:117 Resp: 139633
Ion Ratio Lower Upper
117 100
82 62.5 48.9 73.3
119 32.3 26.2 39.4

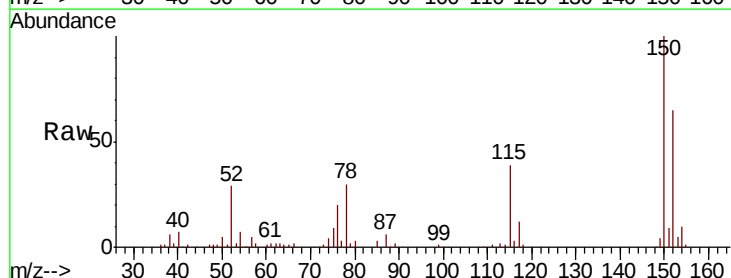


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. -0.00 min
Lab File: VU028619.D
Acq: 11 Dec 2018 20:02

Tgt Ion:152 Resp: 54760
Ion Ratio Lower Upper
152 100
115 58.9 42.7 128.1
150 154.2 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

