

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028552.D
 Acq On : 10 Dec 2018 15:37
 Operator : MD/SY
 Sample : J6323-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-122D1-20181206

Quant Time: Dec 11 03:58:10 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

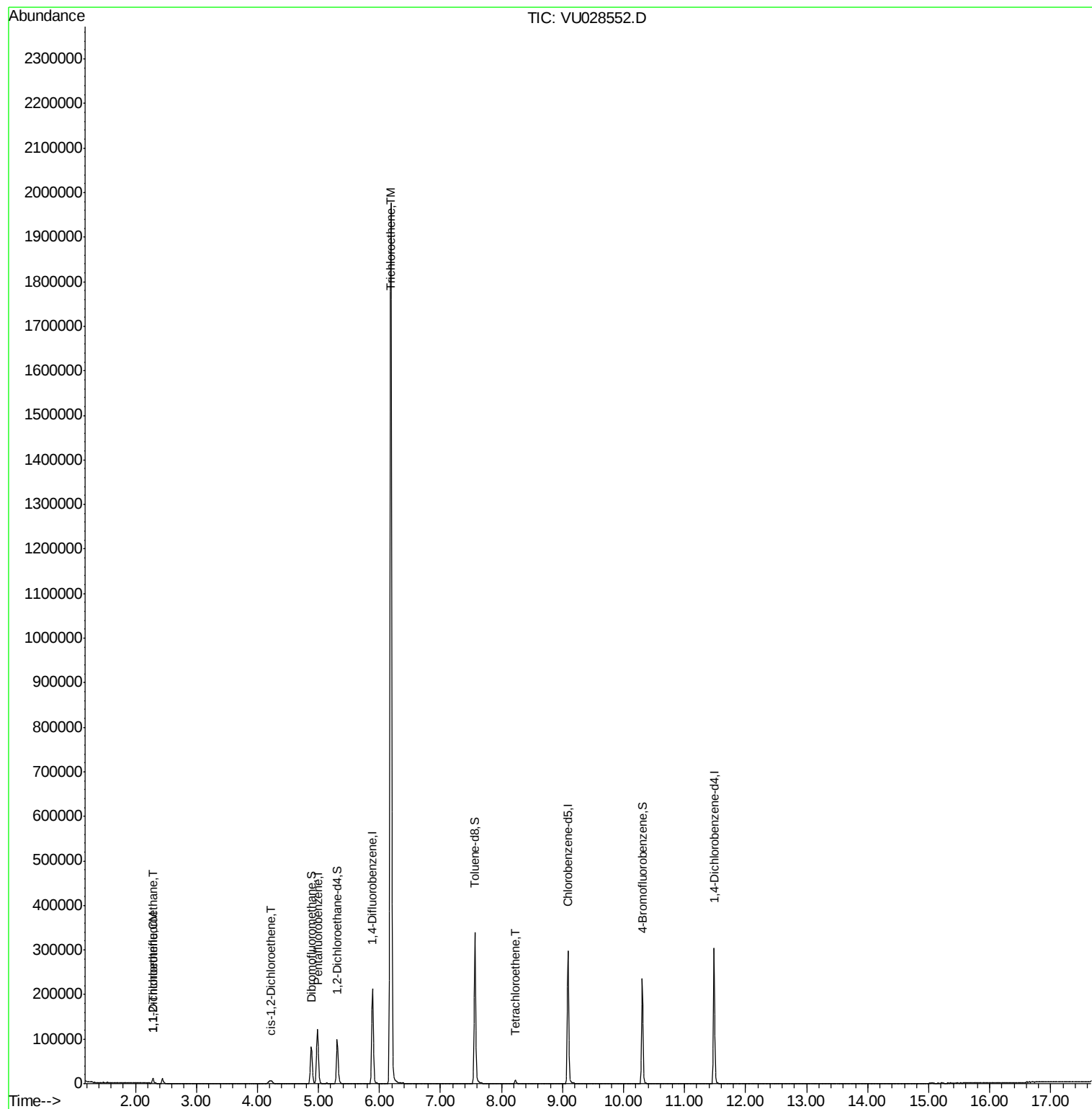
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	90570	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	169659	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	161015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74455	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76883	55.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.26%	
35) Dibromofluoromethane	4.88	113	56359	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
50) Toluene-d8	7.57	98	224910	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
62) 4-Bromofluorobenzene	10.30	95	80165	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	3733	3.683	ug/l	99
12) 1,1-Dichloroethene	2.29	96	889	0.882	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	3086	2.401	ug/l	88
44) Trichloroethene	6.19	130	647486	532.563	ug/l	98
64) Tetrachloroethene	8.23	164	1895	1.764	ug/l	91

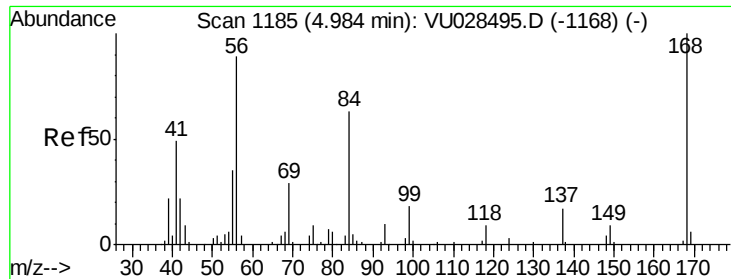
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028552.D

Acq: 10 Dec 2018 15:37

Instrument :

MSVOA_U

ClientSampleId :

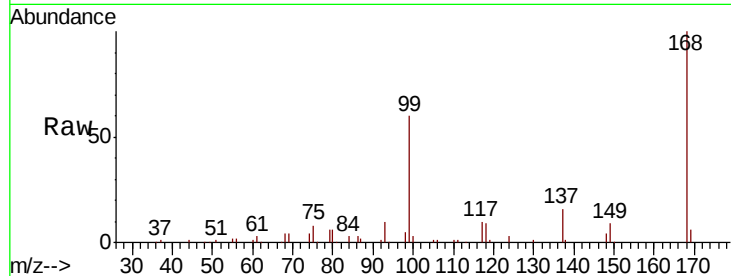
RE-122D1-20181206

Tot Ion:168 Resp: 90570

Ion Ratio Lower Upper

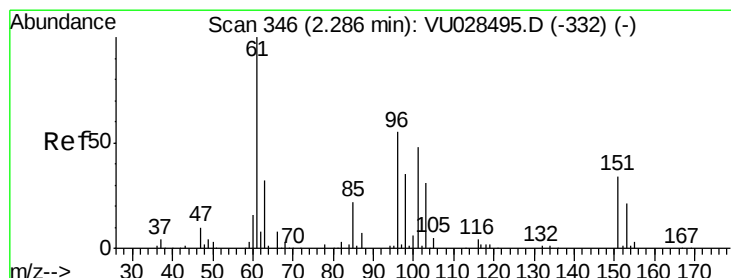
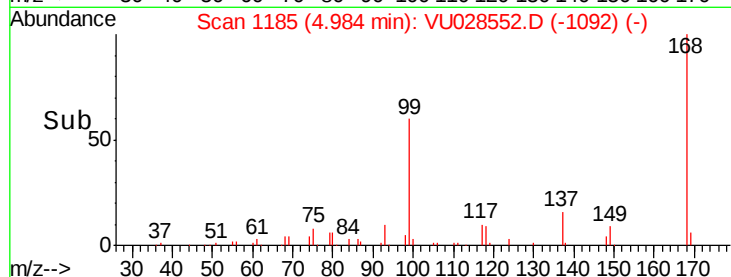
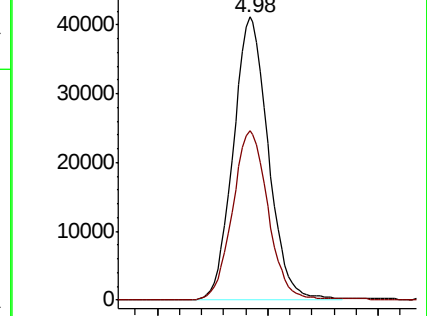
168 100

99 59.7 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: 3.683 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU028552.D

Acq: 10 Dec 2018 15:37

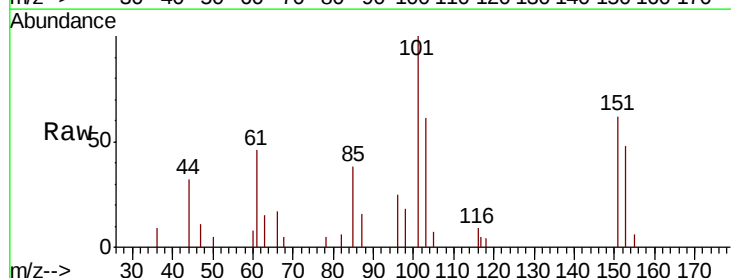
Tgt Ion:101 Resp: 3733

Ion Ratio Lower Upper

101 100

85 45.5 36.4 54.6

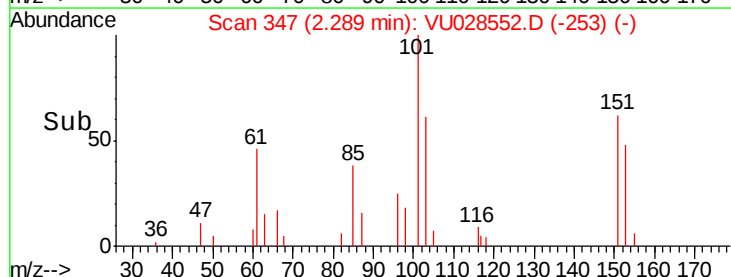
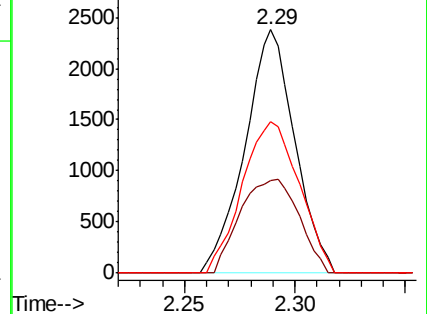
151 71.1 58.2 87.2

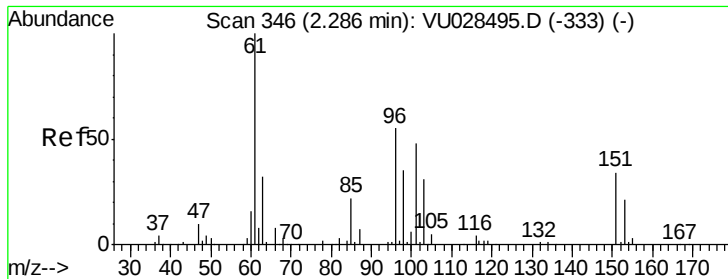


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V

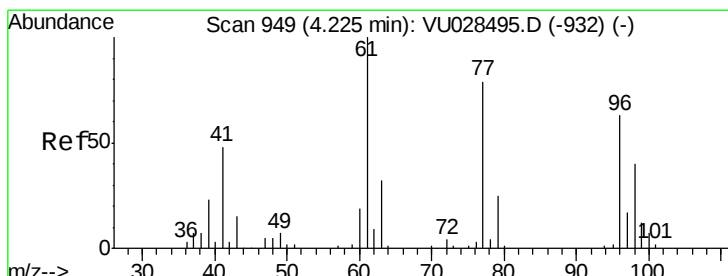
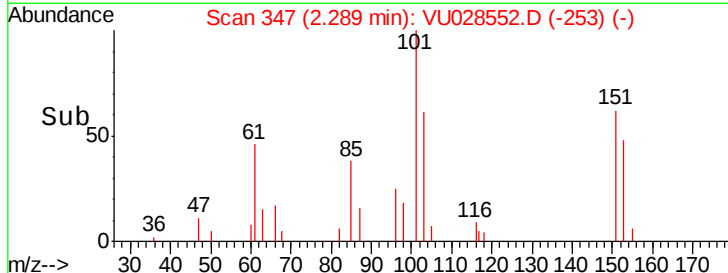
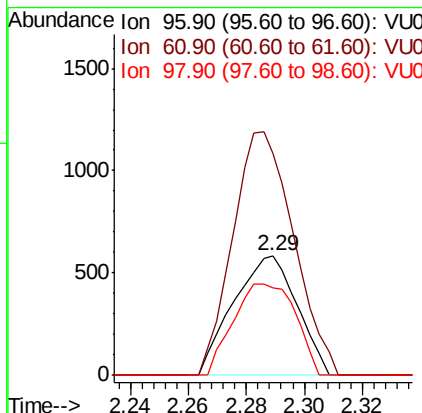
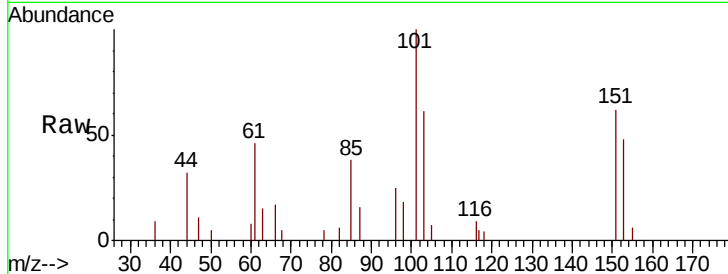




#12
 1,1-Dichloroethene
 Concen: 0.882 ug/l
 RT: 2.29 min Scan# 347
 Delta R.T. 0.00 min
 Lab File: VU028552.D
 Acq: 10 Dec 2018 15:37

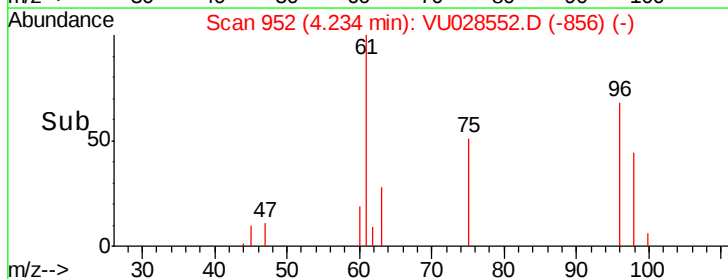
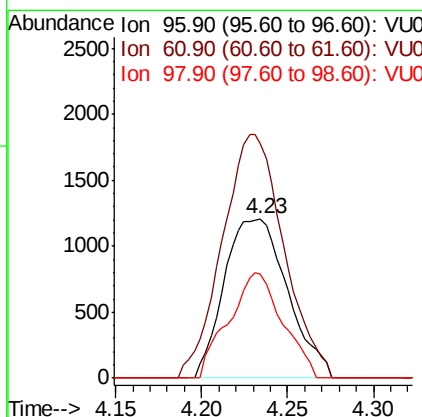
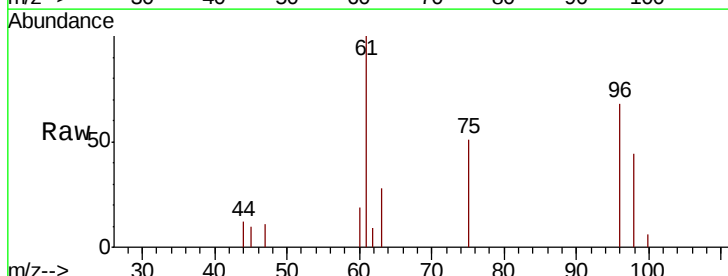
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-122D1-20181206

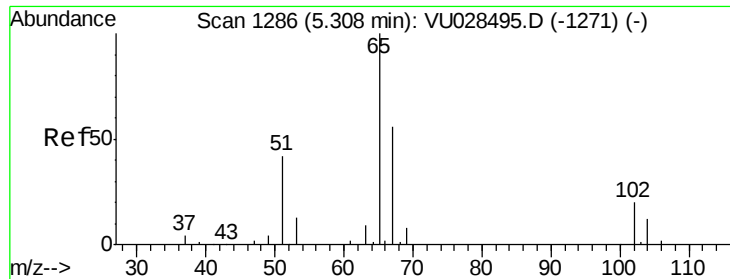
Tot Ion: 96 Resp: 889
 Ion Ratio Lower Upper
 96 100
 61 185.3 146.4 219.6
 98 72.8 51.8 77.8



#27
 cis-1,2-Dichloroethene
 Concen: 2.401 ug/l
 RT: 4.23 min Scan# 952
 Delta R.T. 0.01 min
 Lab File: VU028552.D
 Acq: 10 Dec 2018 15:37

Tgt Ion: 96 Resp: 3086
 Ion Ratio Lower Upper
 96 100
 61 148.6 0.0 332.4
 98 56.3 0.0 129.0

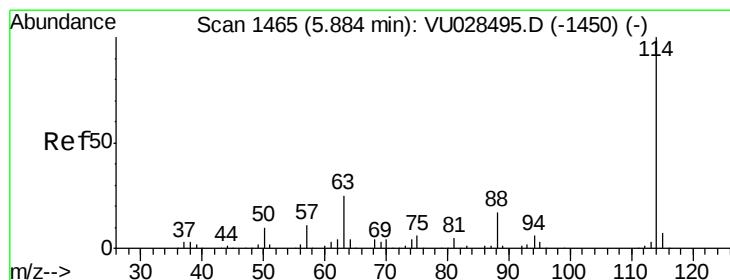
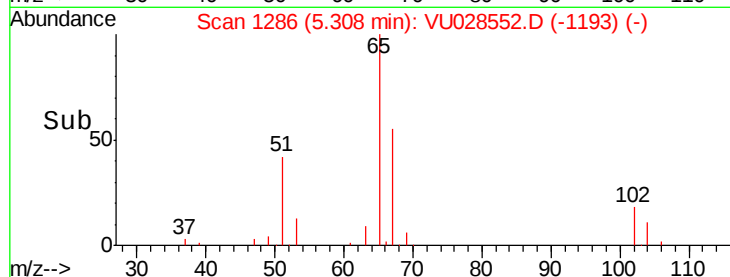
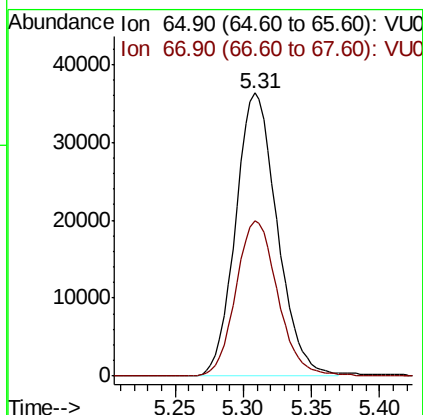
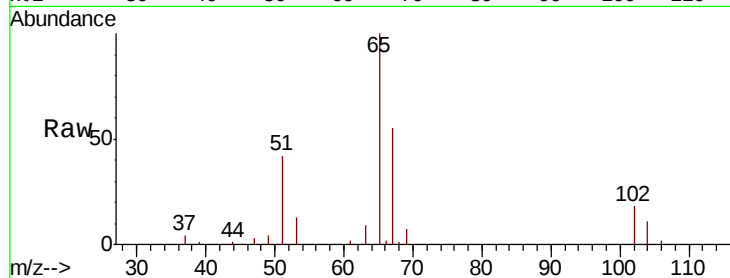




#33
 1,2-Dichloroethane-d4
 Concen: 55.625 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028552.D
 Acq: 10 Dec 2018 15:37

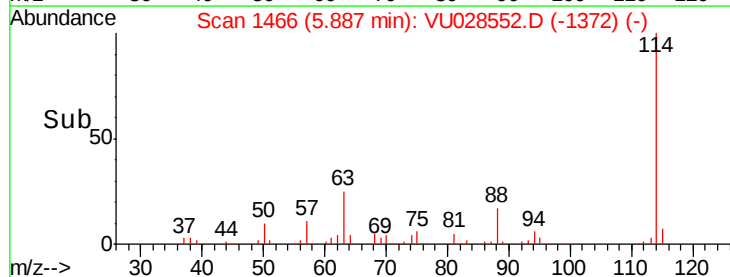
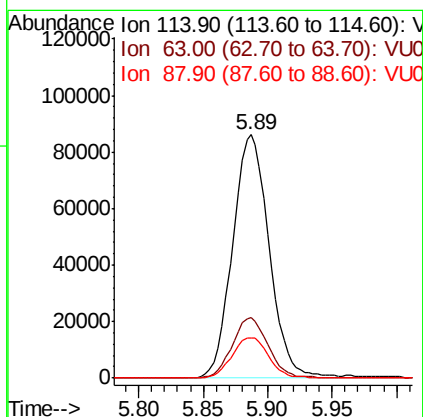
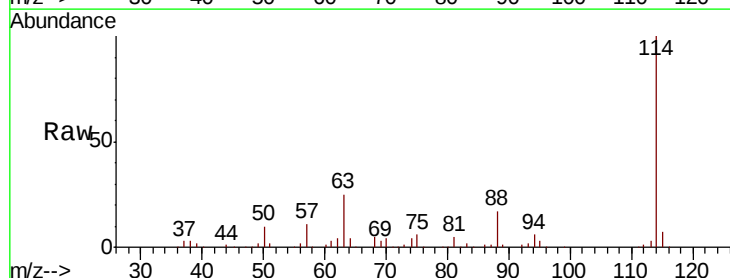
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-122D1-20181206

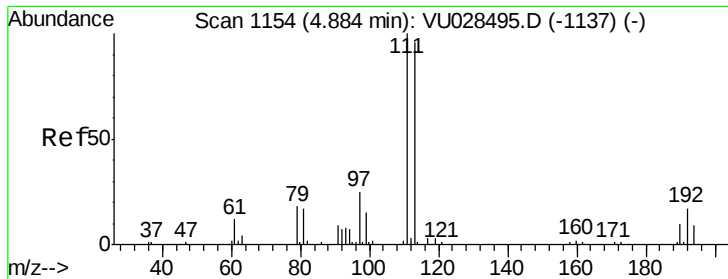
Tot Ion: 65 Resp: 76883
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028552.D
 Acq: 10 Dec 2018 15:37

Tgt Ion: 114 Resp: 169659
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 16.7 0.0 33.4

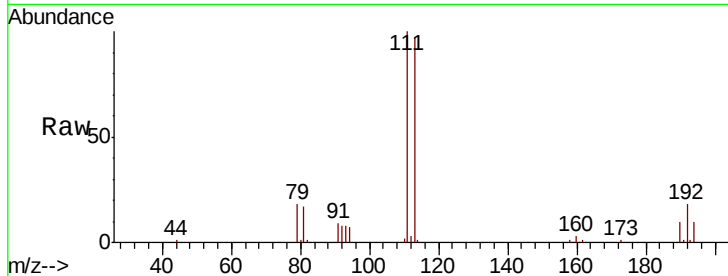




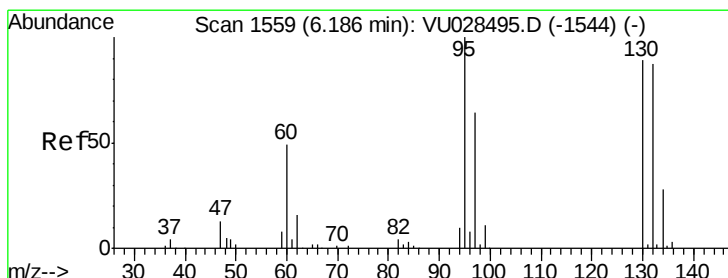
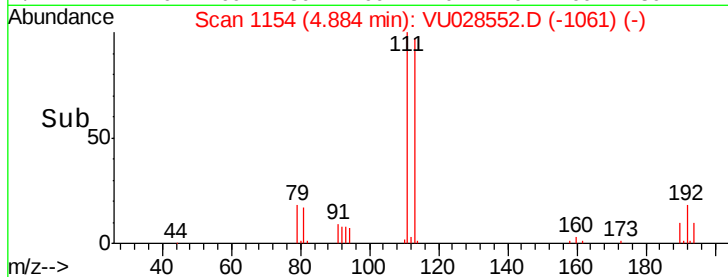
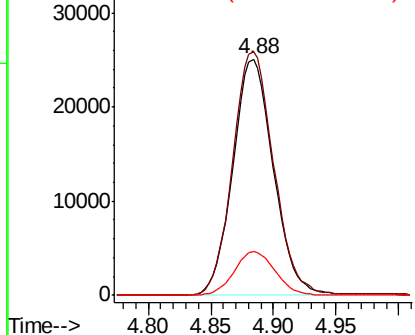
#35
 Dibromofluoromethane
 Concen: 52.787 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028552.D
 Acq: 10 Dec 2018 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-122D1-20181206

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.4	125.0
192	18.6	14.8	22.2

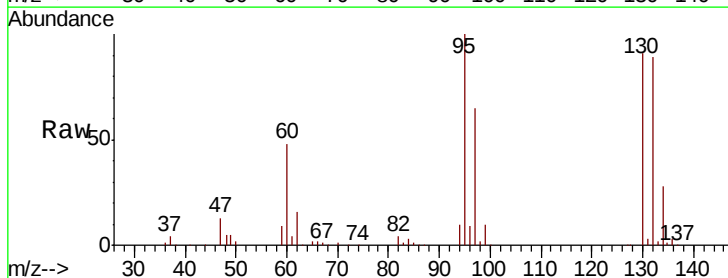


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

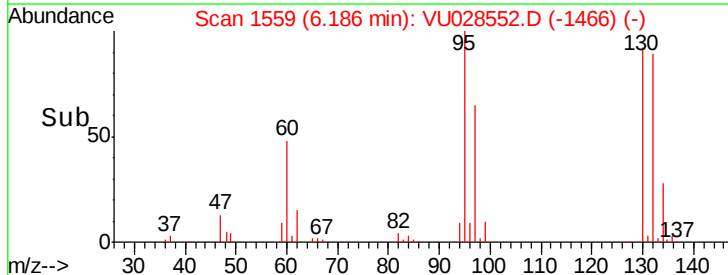
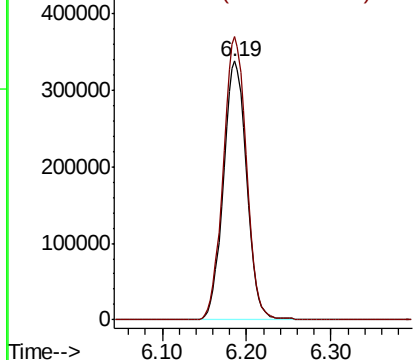


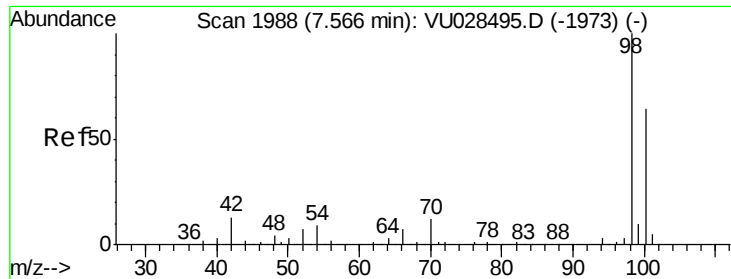
#44
 Trichloroethene
 Concen: 532.563 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028552.D
 Acq: 10 Dec 2018 15:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	109.4	0.0	224.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VU0

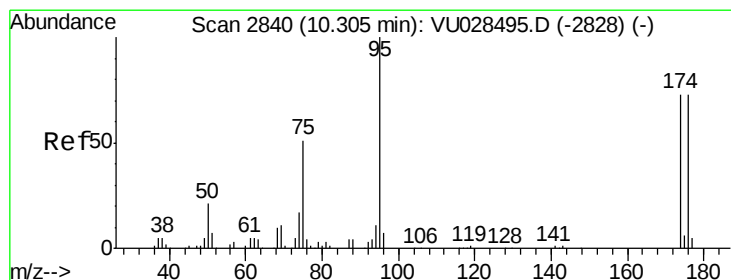
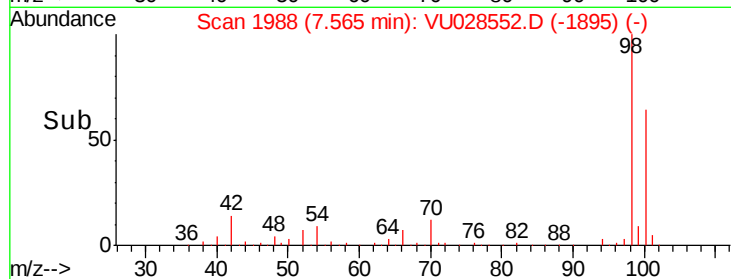
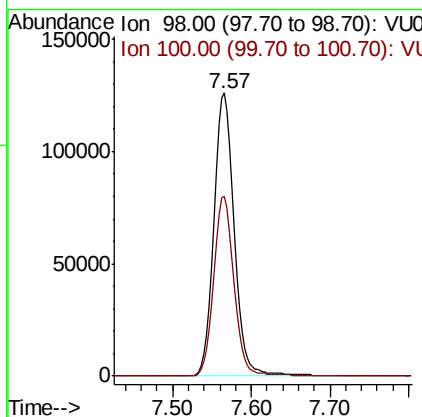
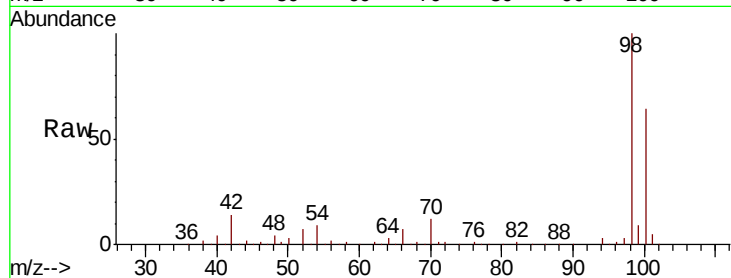




#50
Toluene-d8
Concen: 53.252 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028552.D
Acq: 10 Dec 2018 15:37

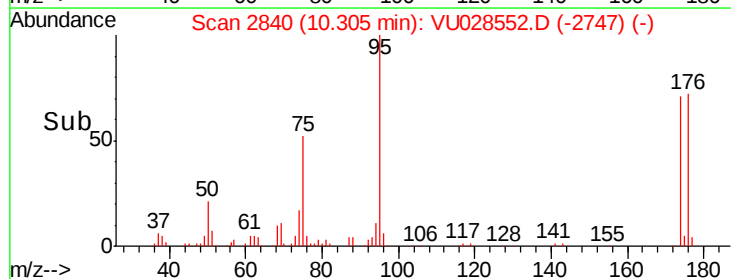
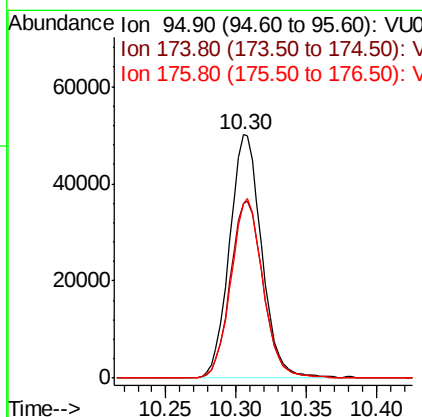
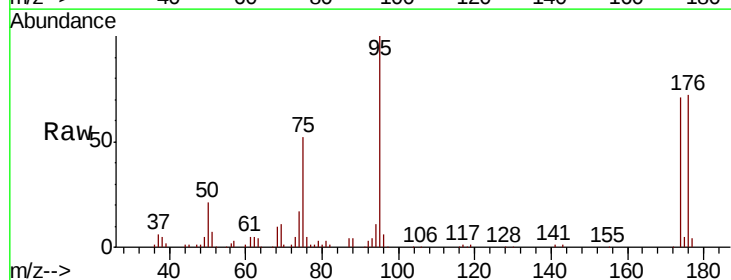
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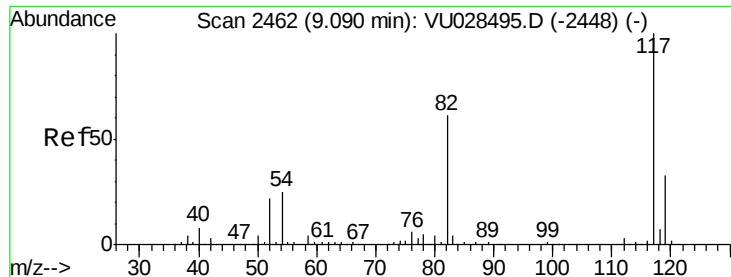
Tot Ion: 98 Resp: 224910
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 50.782 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028552.D
Acq: 10 Dec 2018 15:37

Tgt Ion: 95 Resp: 80165
Ion Ratio Lower Upper
95 100
174 74.2 0.0 150.4
176 73.4 0.0 145.2

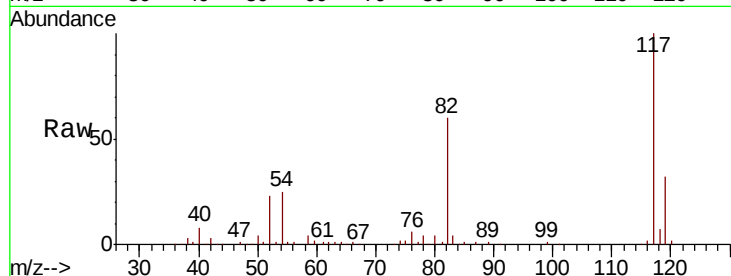




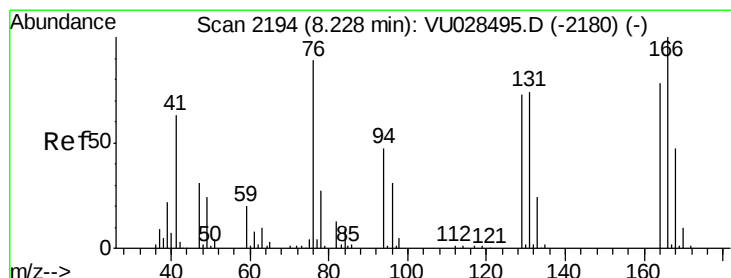
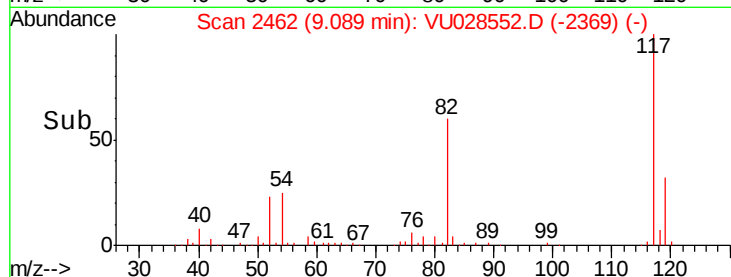
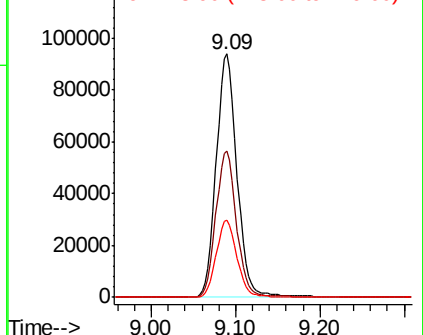
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028552.D
Acq: 10 Dec 2018 15:37

Instrument :
MSVOA_U
ClientSampleId :
RE-122D1-20181206

Tot Ion:117 Resp: 161015
Ion Ratio Lower Upper
117 100
82 60.3 48.9 73.3
119 31.5 26.2 39.4

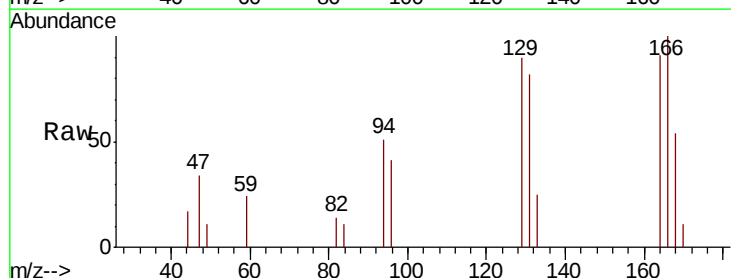


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

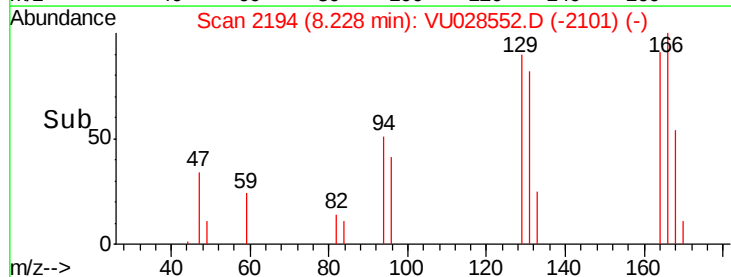
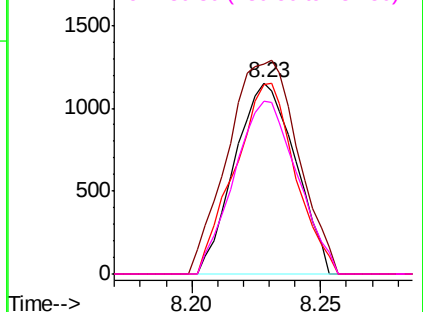


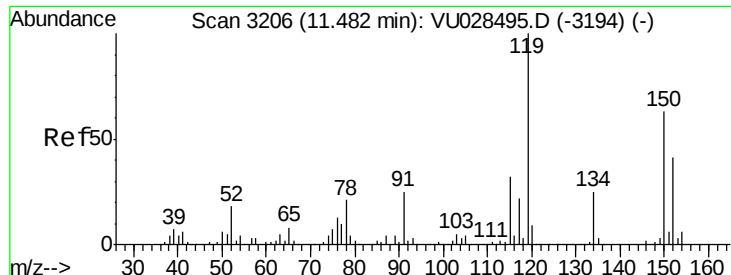
#64
Tetrachloroethene
Concen: 1.764 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028552.D
Acq: 10 Dec 2018 15:37

Tgt Ion:164 Resp: 1895
Ion Ratio Lower Upper
164 100
166 110.0 101.9 152.9
129 99.5 74.9 112.3
131 90.5 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: VU028552.D
 Acq: 10 Dec 2018 15:37

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-122D1-20181206

Tot Ion:152 Resp: 74455
 Ion Ratio Lower Upper
 152 100
 115 61.6 42.7 128.1
 150 156.3 0.0 346.0

