

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121118\
 Data File : VU028563.D
 Acq On : 10 Dec 2018 20:00
 Operator : MD/SY
 Sample : J6325-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D1-20181204

Quant Time: Dec 11 04:20:42 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	84112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157182	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	142862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	55077	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	72958	56.84	ug/l	0.00
Spiked Amount			Recovery	=	113.68%	
35) Dibromofluoromethane	4.88	113	53504	54.09	ug/l	0.00
Spiked Amount			Recovery	=	108.18%	
50) Toluene-d8	7.57	98	206726	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	10.30	95	66081	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	

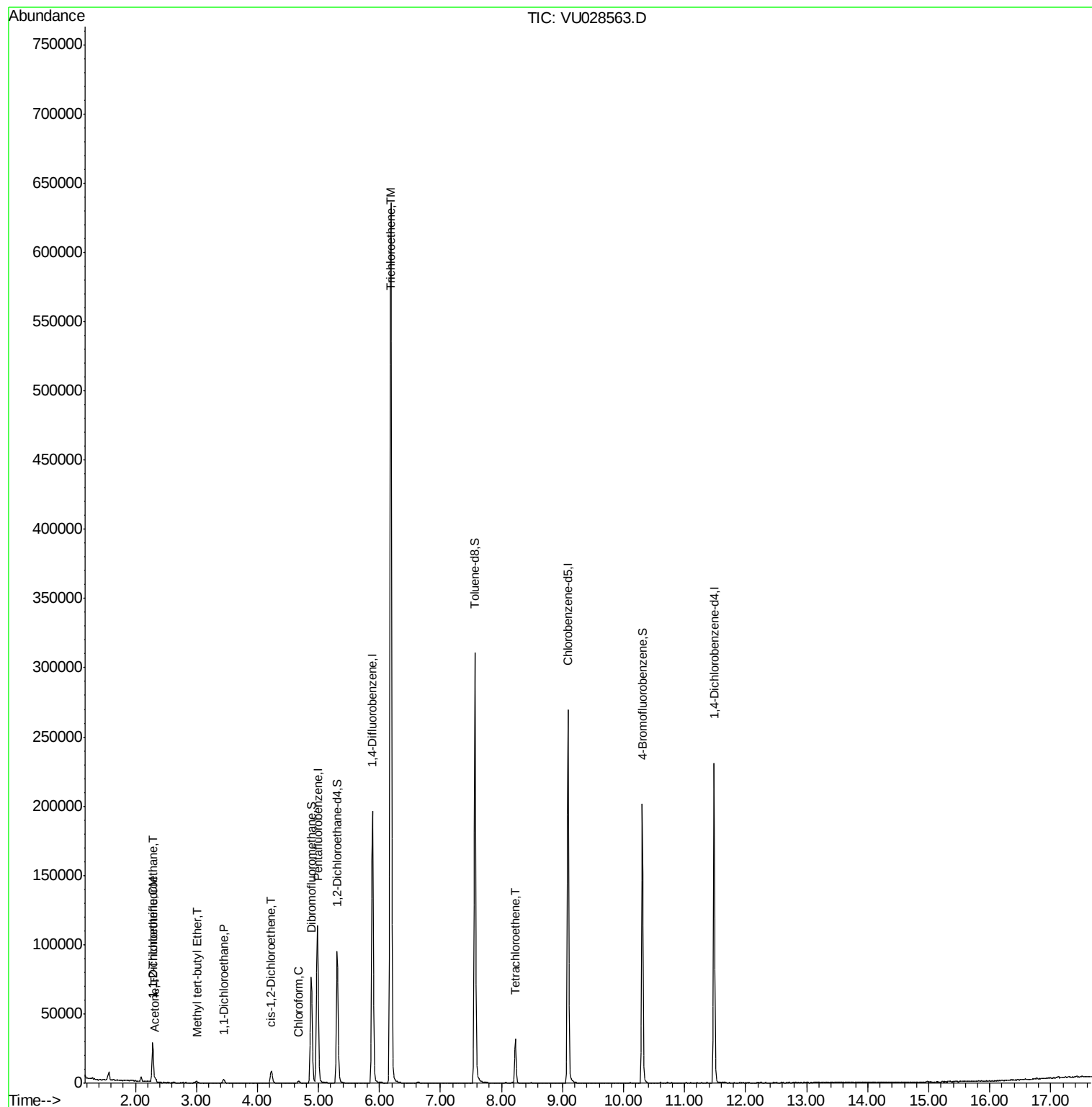
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.29	101	8794	9.343	ug/l	98
12) 1,1-Dichloroethene	2.28	96	2037	2.175	ug/l	96
16) Acetone	2.32	43	4064	4.852	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	1373	0.387	ug/l	94
24) 1,1-Dichloroethane	3.45	63	3340	1.481	ug/l #	85
27) cis-1,2-Dichloroethene	4.23	96	4978	4.171	ug/l	87
30) Chloroform	4.68	83	1352	0.688	ug/l	100
44) Trichloroethene	6.19	130	208623	185.215	ug/l	96
64) Tetrachloroethene	8.22	164	7088	7.438	ug/l	97

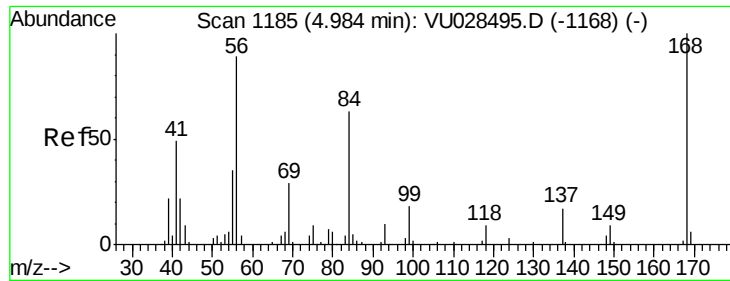
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
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: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

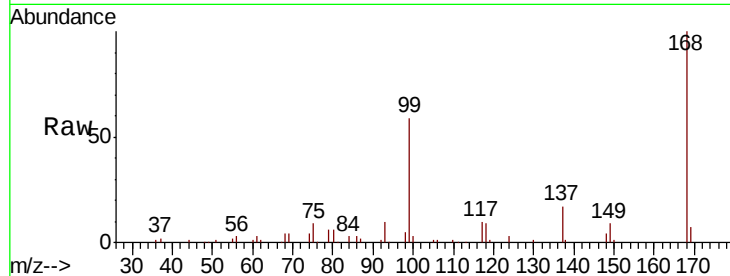
RE-125D1-20181204

Tot Ion:168 Resp: 84112

Ion Ratio Lower Upper

168 100

99 58.6 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

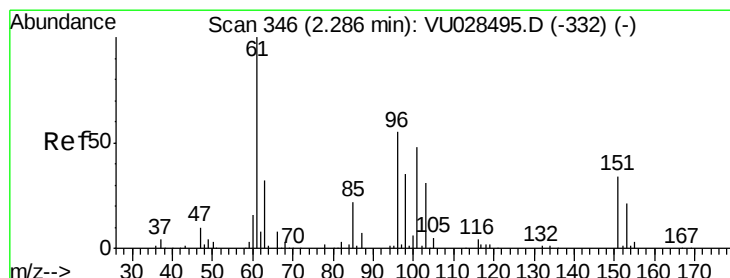
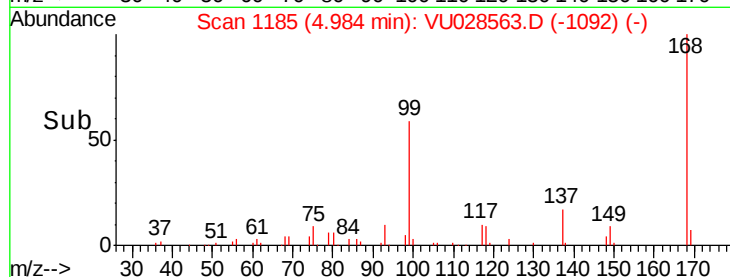
20000

10000

0

Time-->

4.90 5.00 5.10



#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.343 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

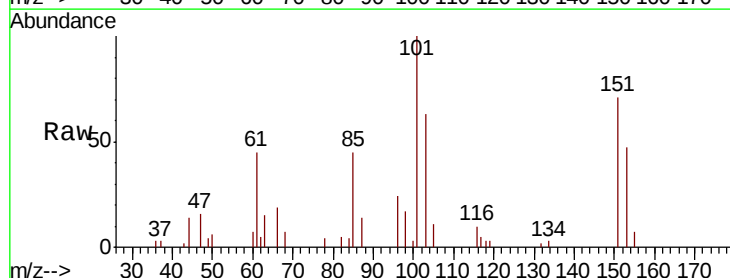
Tgt Ion:101 Resp: 8794

Ion Ratio Lower Upper

101 100

85 44.5 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

6000

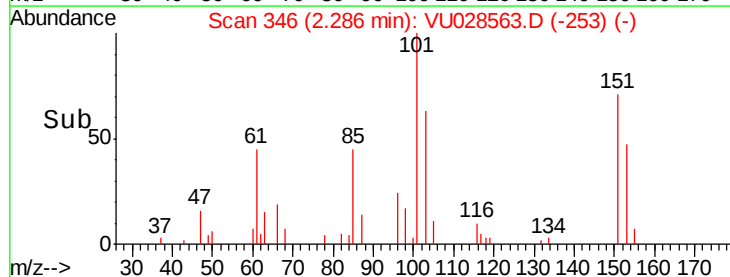
4000

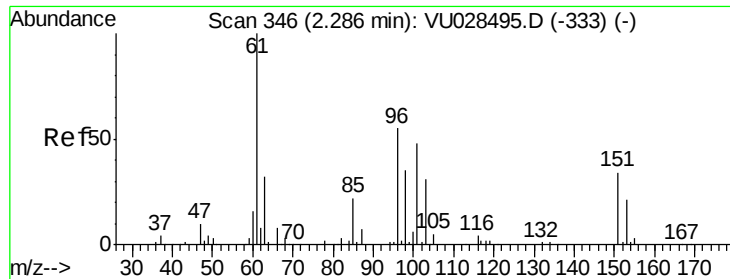
2000

0

Time-->

2.25 2.30 2.35





#12

1,1-Dichloroethene

Concen: 2.175 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028563.D

Acq: 10 Dec 2018 20:00

Instrument :

MSVOA_U

ClientSampleId :

RE-125D1-20181204

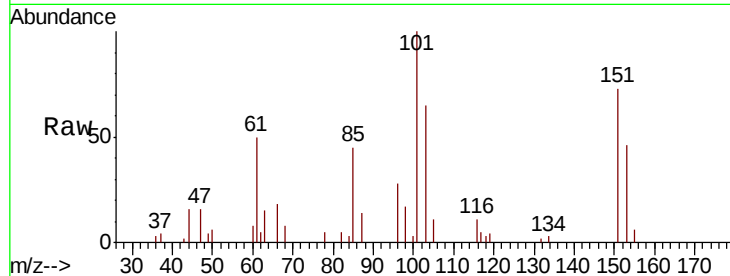
Tot Ion: 96 Resp: 2037

Ion Ratio Lower Upper

96 100

61 178.3 146.4 219.6

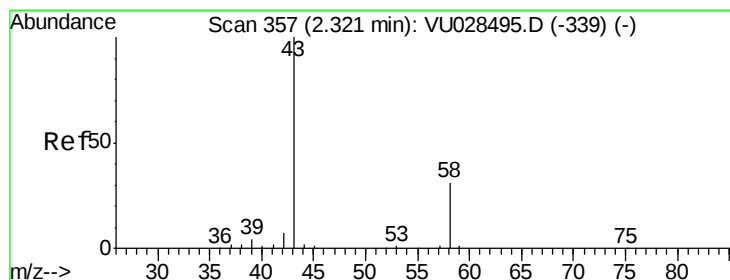
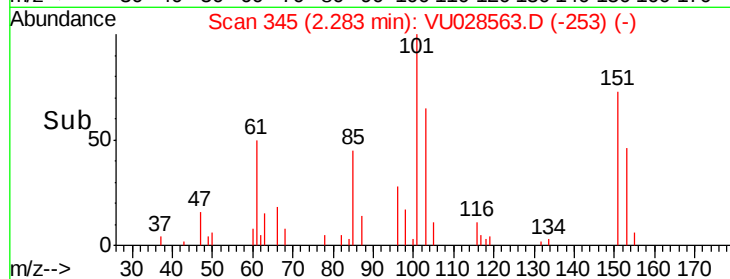
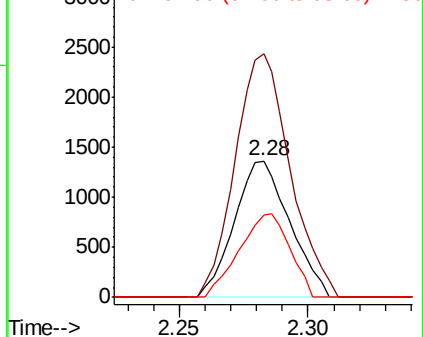
98 60.2 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#16

Acetone

Concen: 4.852 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU028563.D

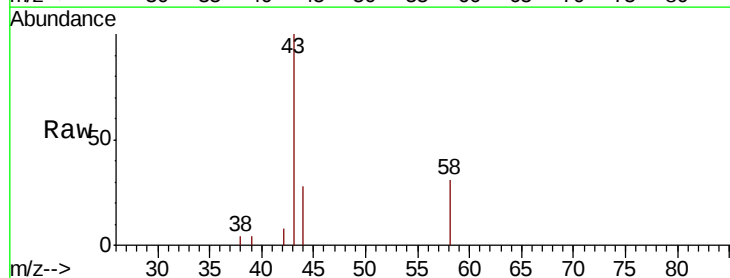
Acq: 10 Dec 2018 20:00

Tgt Ion: 43 Resp: 4064

Ion Ratio Lower Upper

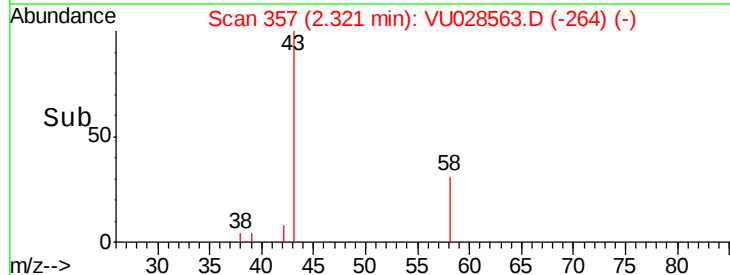
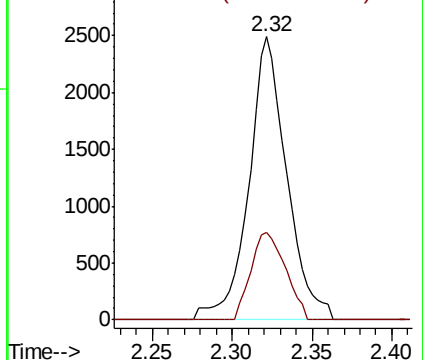
43 100

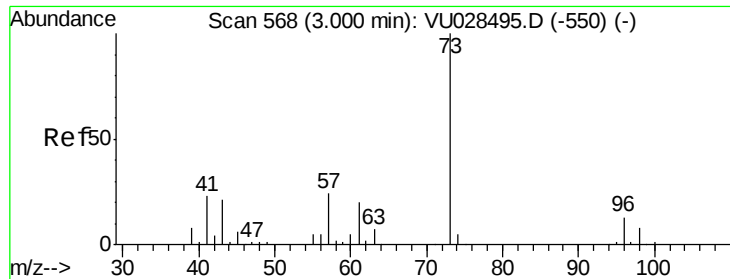
58 31.0 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

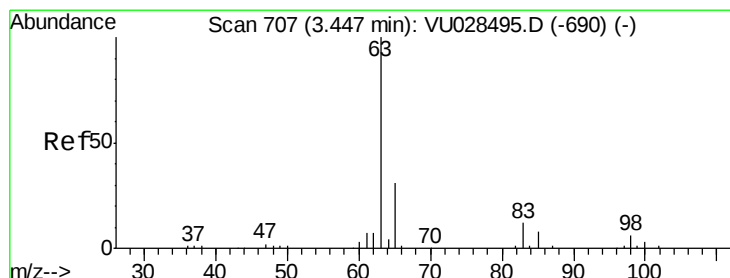
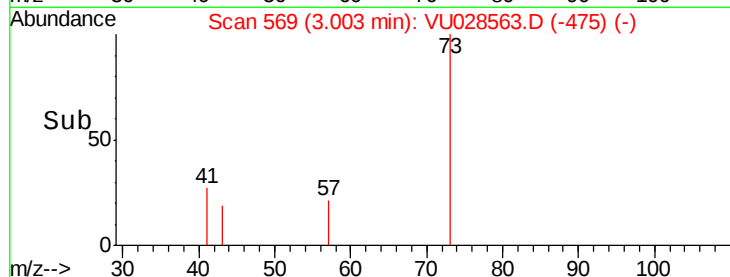
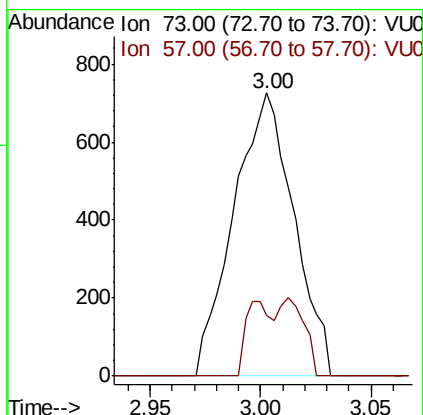
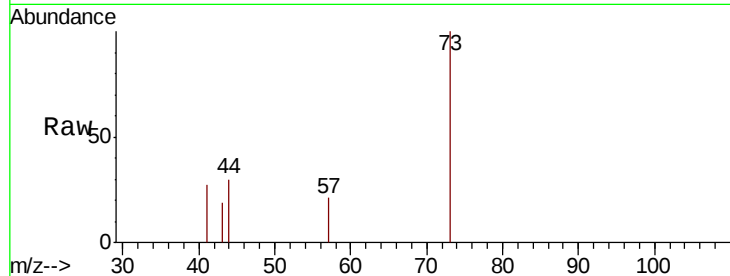




#19
Methvl tert-butvl Ether
Concen: 0.387 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU028563.D
Acq: 10 Dec 2018 20:00

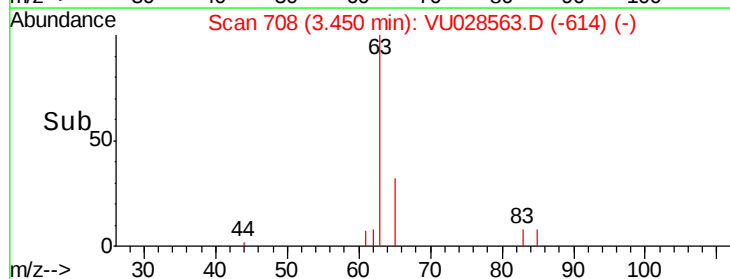
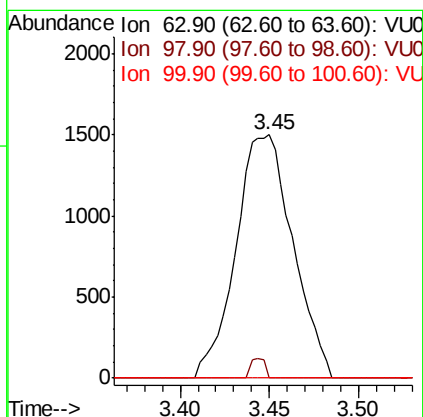
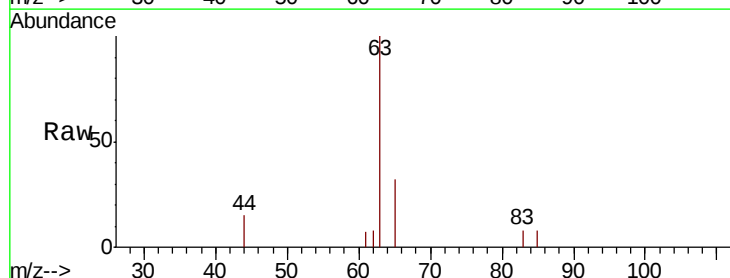
Instrument :
MSVOA_U
ClientSampleId :
RE-125D1-20181204

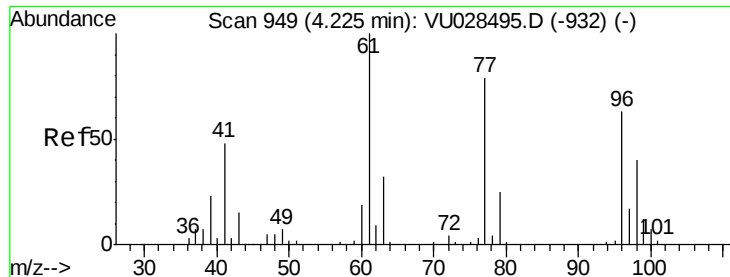
Tot Ion: 73 Resp: 1373
Ion Ratio Lower Upper
73 100
57 21.2 19.4 29.2



#24
1,1-Dichloroethane
Concen: 1.481 ug/l
RT: 3.45 min Scan# 708
Delta R.T. 0.00 min
Lab File: VU028563.D
Acq: 10 Dec 2018 20:00

Tgt Ion: 63 Resp: 3340
Ion Ratio Lower Upper
63 100
98 0.0 3.0 9.2#
100 0.0 1.7 5.1#



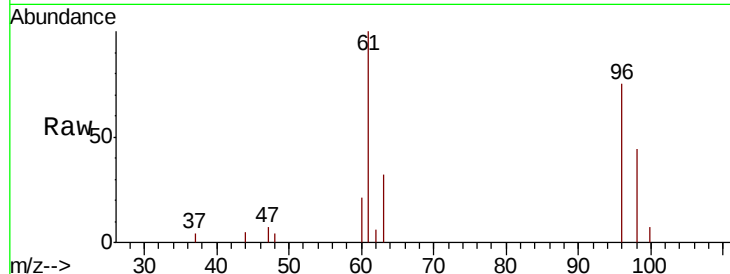


#27

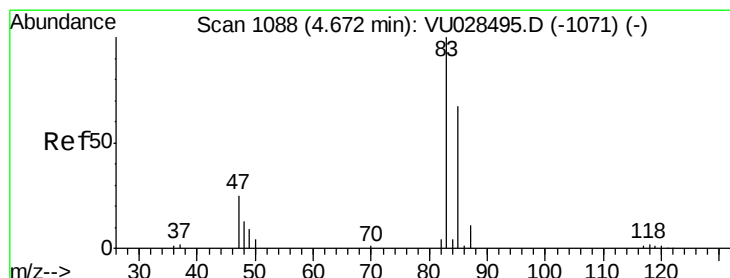
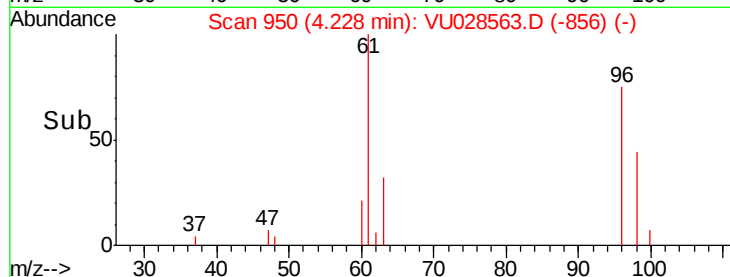
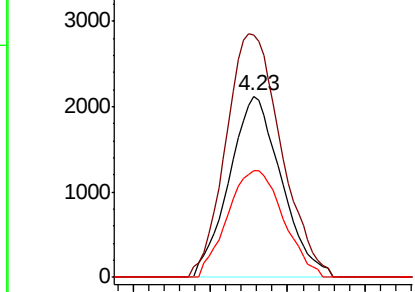
cis-1,2-Dichloroethene
 Concen: 4.171 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU028563.D
 Acq: 10 Dec 2018 20:00

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D1-20181204

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	332.4
98	62.9	0.0	129.0



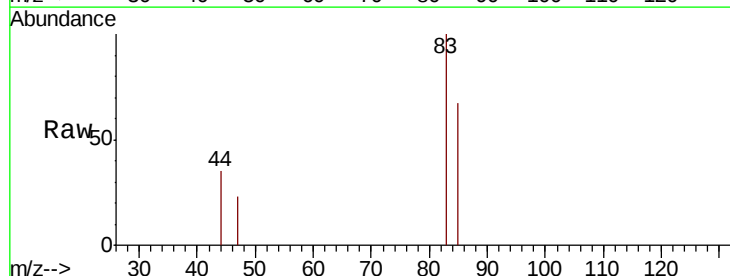
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



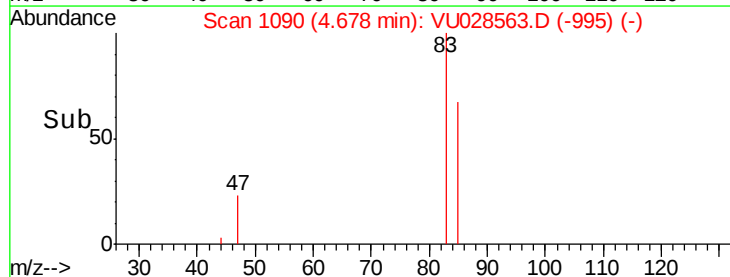
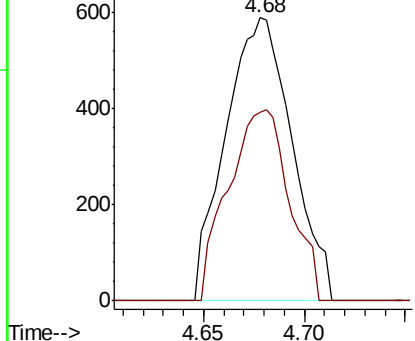
#30

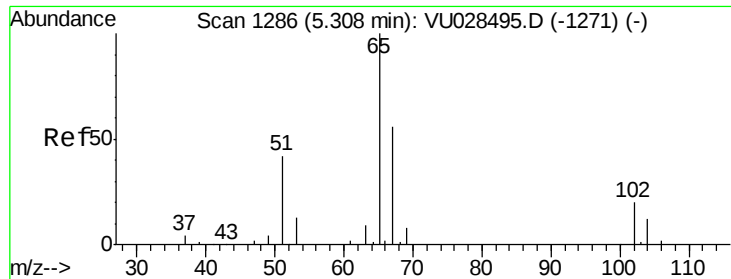
Chloroform
 Concen: 0.688 ug/l
 RT: 4.68 min Scan# 1090
 Delta R.T. 0.01 min
 Lab File: VU028563.D
 Acq: 10 Dec 2018 20:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	53.6	80.4



Abundance Ion 82.90 (82.60 to 83.60): VU0
 Ion 84.90 (84.60 to 85.60): VU0

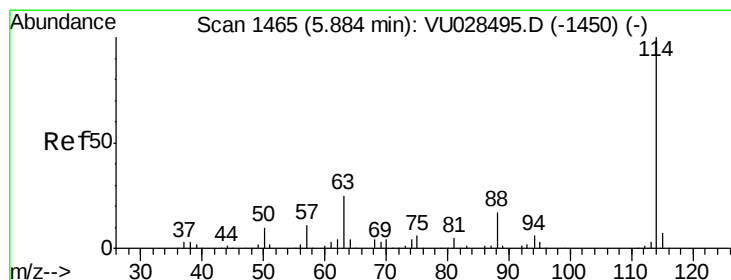
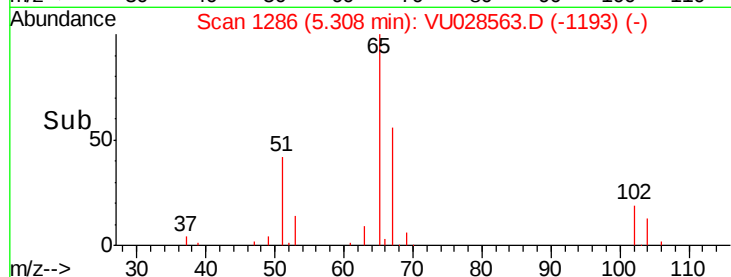
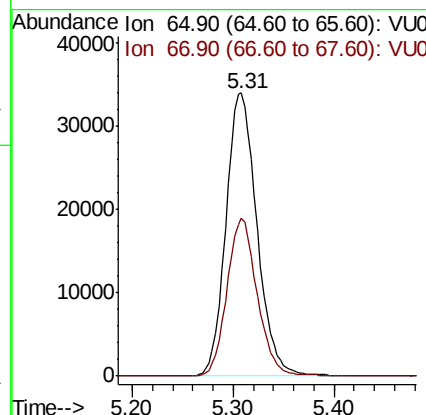
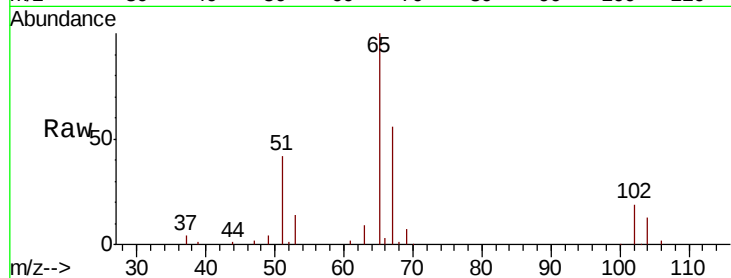




#33
 1,2-Dichloroethane-d4
 Concen: 56.838 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028563.D
 Acq: 10 Dec 2018 20:00

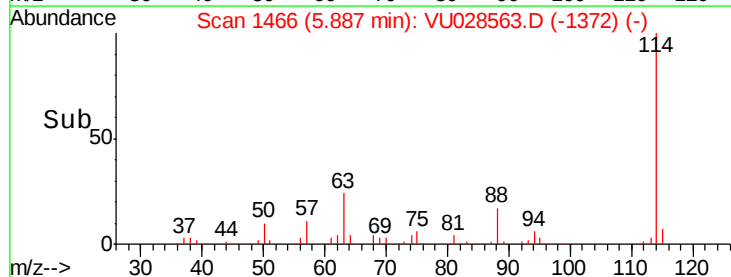
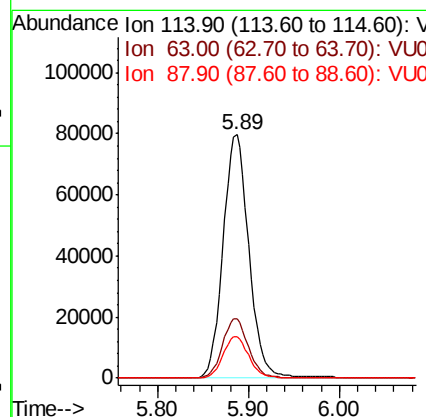
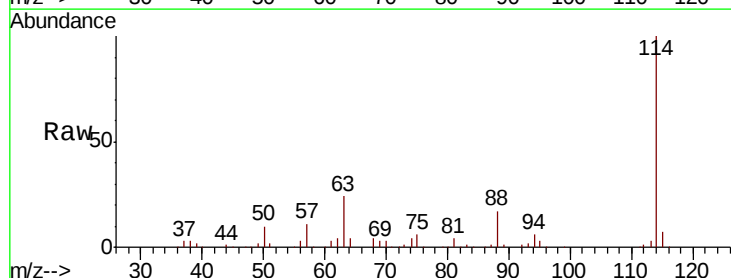
Instrument :
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 ClientSampleId :
 RE-125D1-20181204

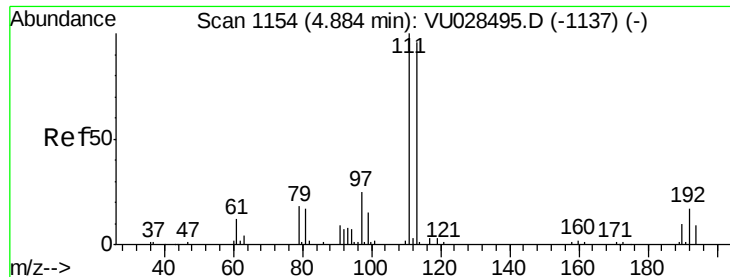
Tot Ion: 65 Resp: 72958
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028563.D
 Acq: 10 Dec 2018 20:00

Tgt Ion: 114 Resp: 157182
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 17.2 0.0 33.4

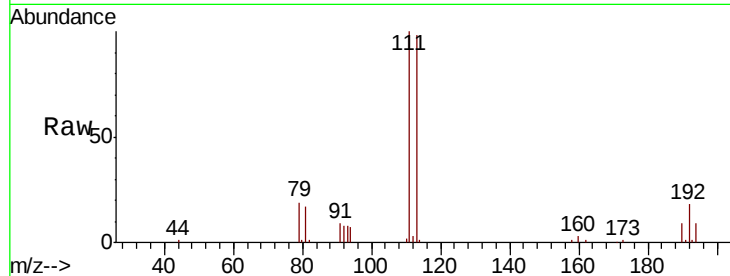




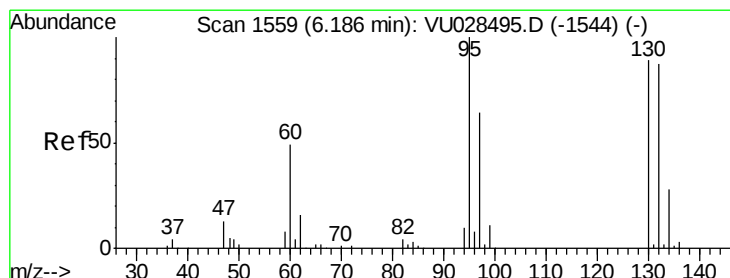
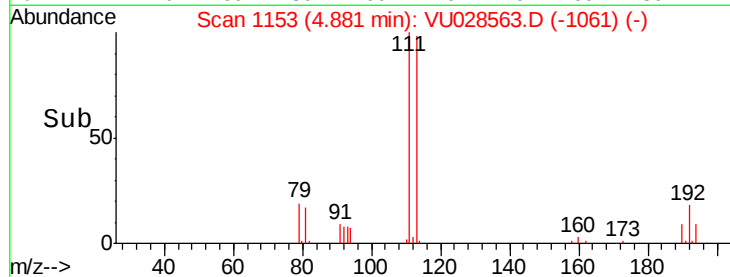
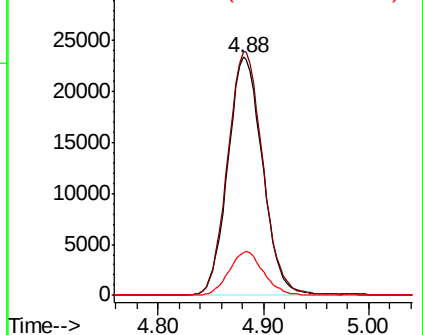
#35
 Dibromofluoromethane
 Concen: 54.090 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028563.D
 Acq: 10 Dec 2018 20:00

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D1-20181204

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.0
192	18.0	14.8	22.2

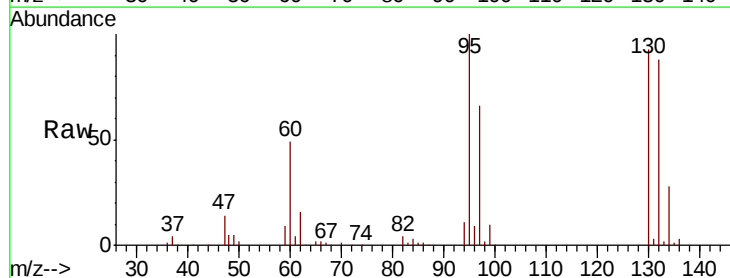


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

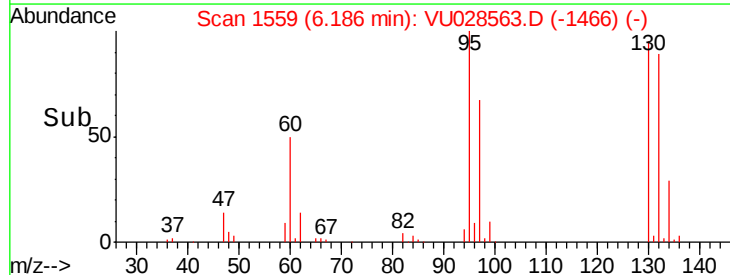
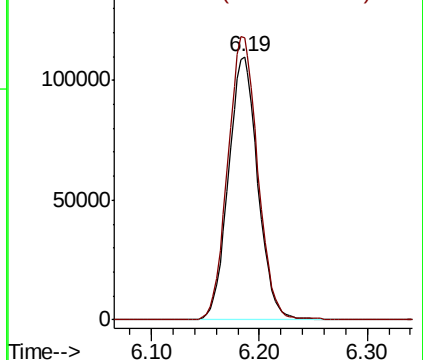


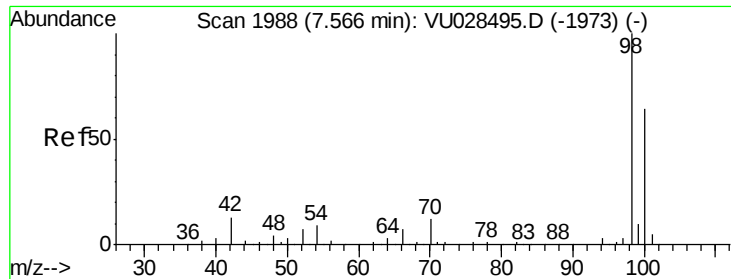
#44
 Trichloroethene
 Concen: 185.215 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028563.D
 Acq: 10 Dec 2018 20:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	224.0



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

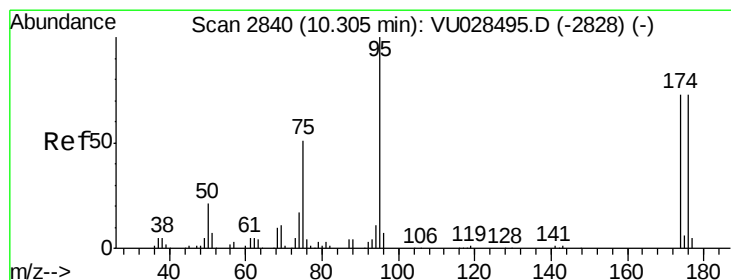
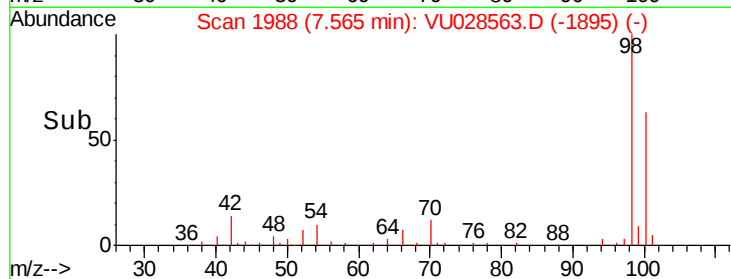
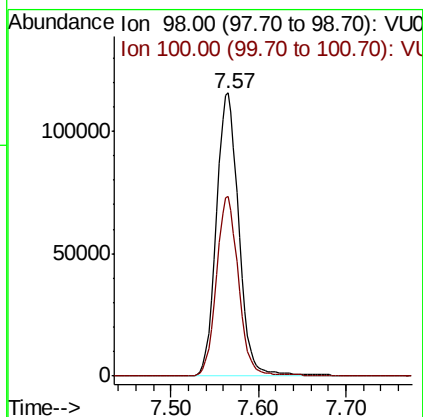
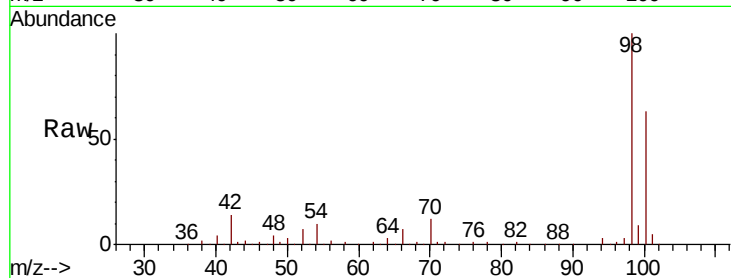




#50
Toluene-d8
Concen: 52.832 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028563.D
Acq: 10 Dec 2018 20:00

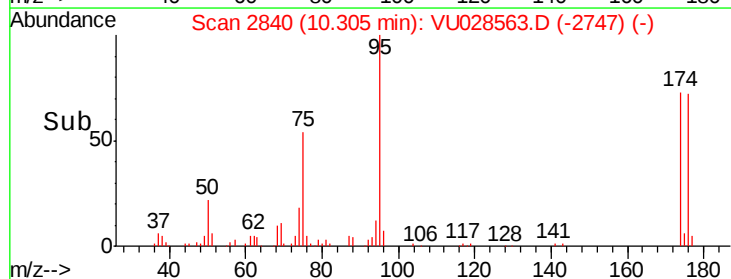
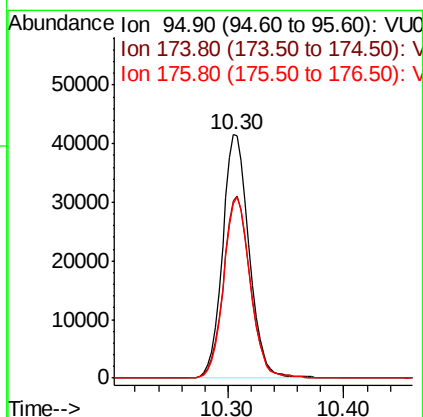
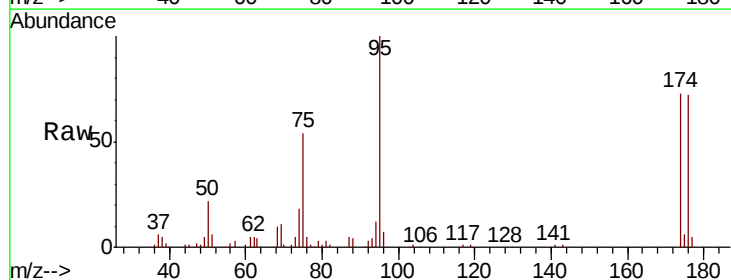
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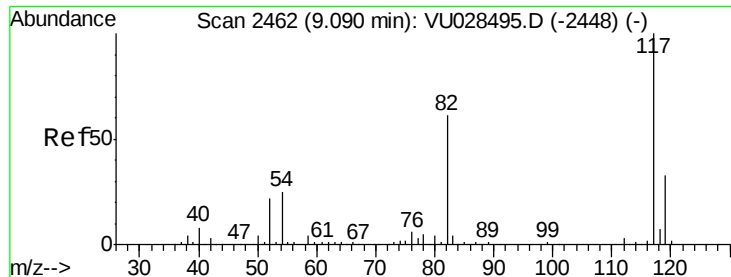
Tot Ion: 98 Resp: 206726
Ion Ratio Lower Upper
98 100
100 61.7 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 45.183 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028563.D
Acq: 10 Dec 2018 20:00

Tgt Ion: 95 Resp: 66081
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 74.1 0.0 145.2

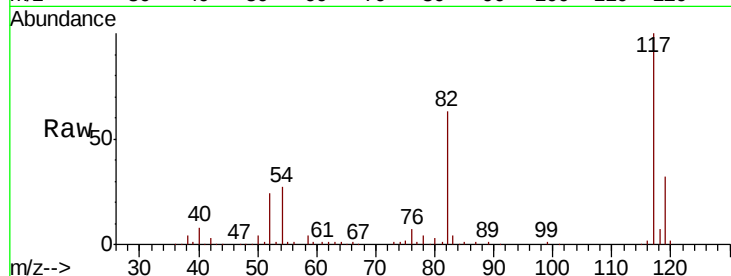




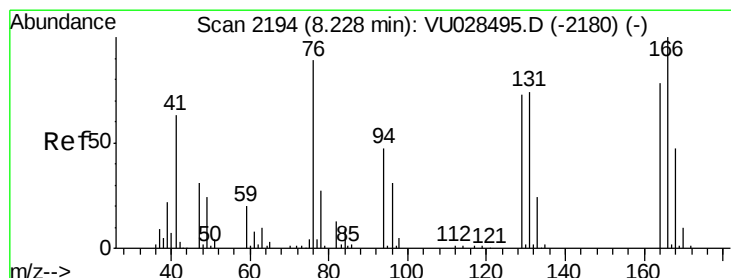
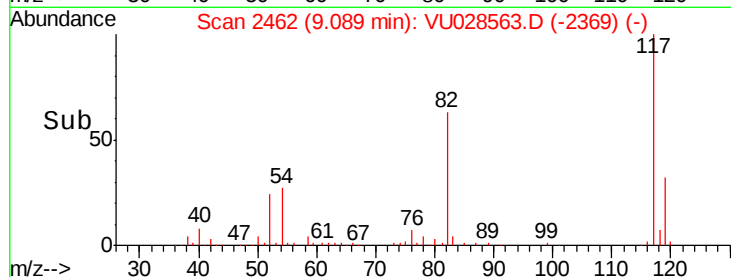
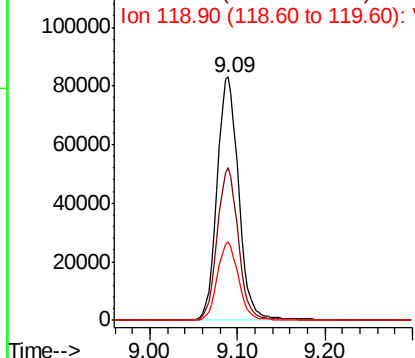
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028563.D
Acq: 10 Dec 2018 20:00

Instrument :
MSVOA_U
ClientSampleId :
RE-125D1-20181204

Tot Ion:117 Resp: 142862
Ion Ratio Lower Upper
117 100
82 62.9 48.9 73.3
119 32.0 26.2 39.4

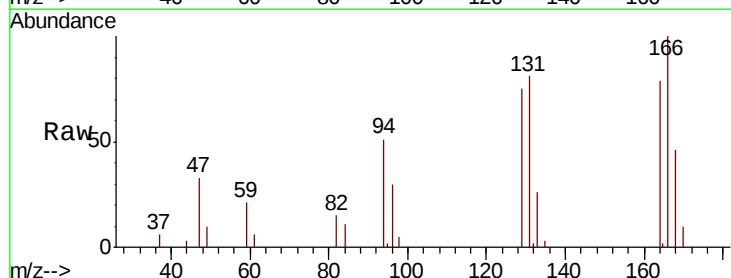


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

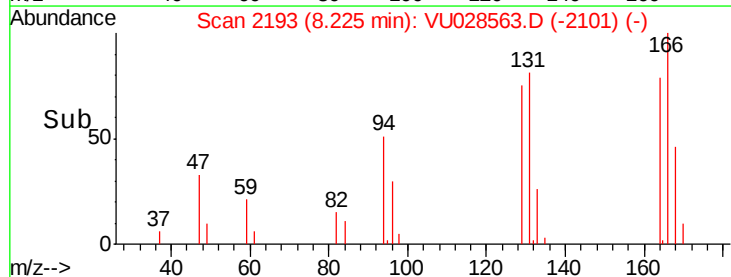
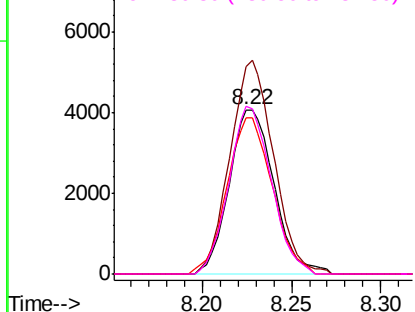


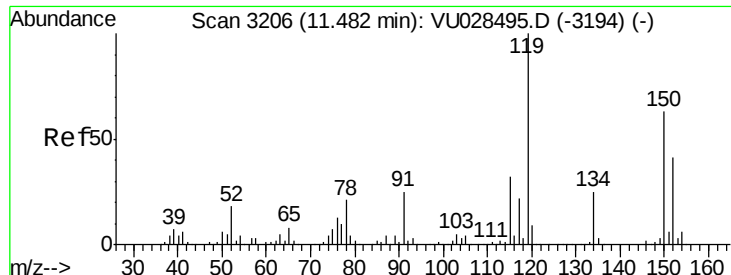
#64
Tetrachloroethene
Concen: 7.438 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU028563.D
Acq: 10 Dec 2018 20:00

Tgt Ion:164 Resp: 7088
Ion Ratio Lower Upper
164 100
166 126.7 101.9 152.9
129 95.4 74.9 112.3
131 102.4 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

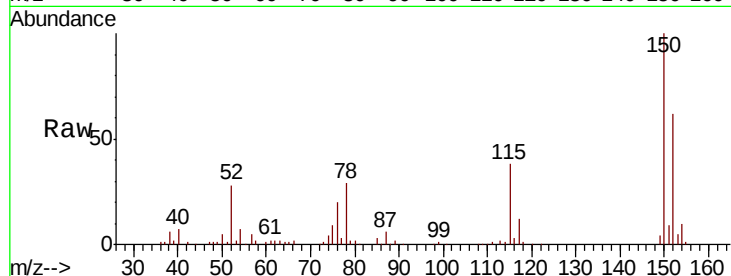




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.48 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU028563.D
 Acq: 10 Dec 2018 20:00

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-125D1-20181204

Tot Ion:152 Resp: 55077
 Ion Ratio Lower Upper
 152 100
 115 60.6 42.7 128.1
 150 157.2 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

