

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028565.D
 Acq On : 10 Dec 2018 20:48
 Operator : MD/SY
 Sample : J6325-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D2-20181205

Quant Time: Dec 11 04:26:14 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

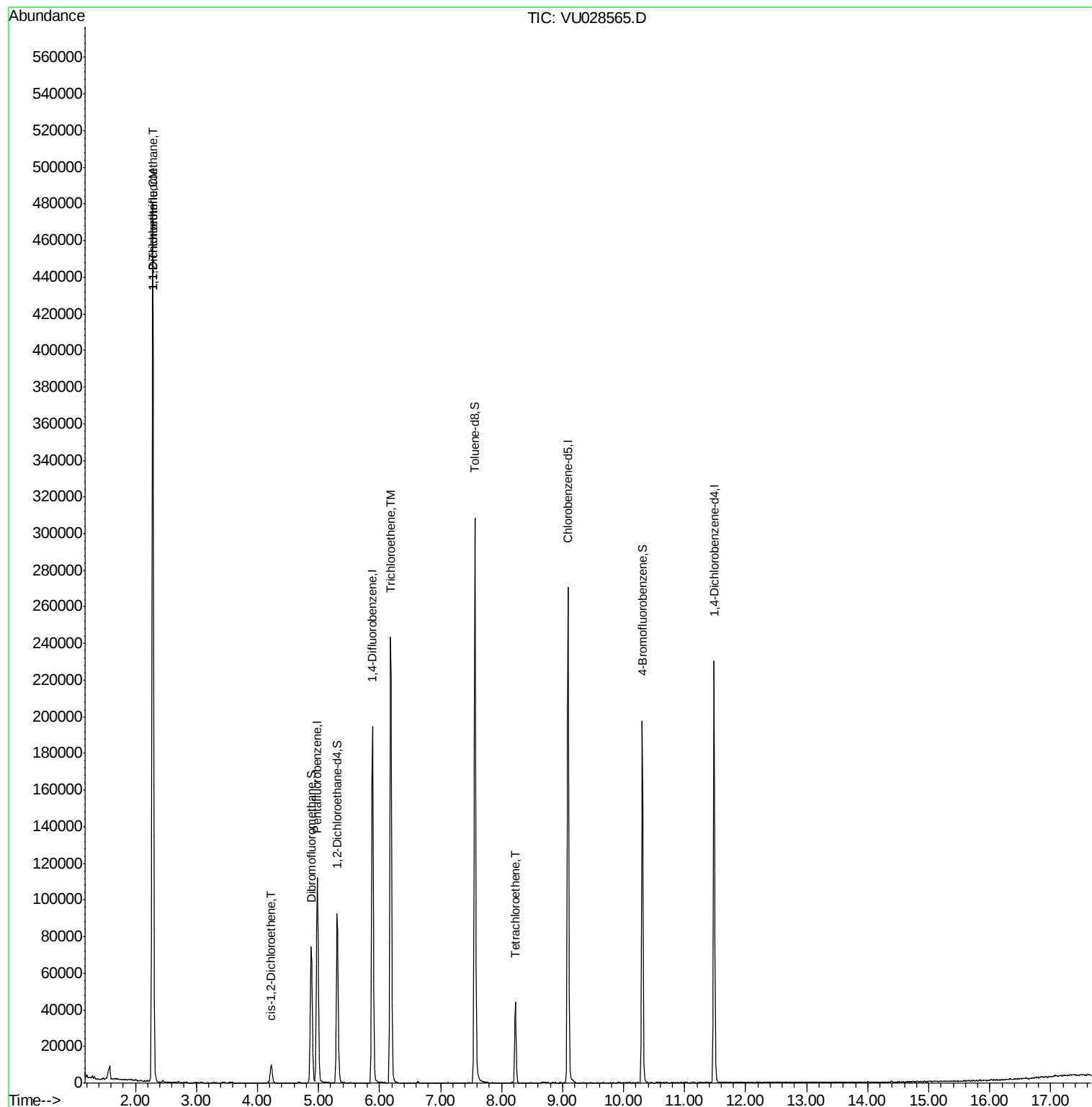
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	83695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	154597	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	140093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70976	55.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.14%	
35) Dibromofluoromethane	4.88	113	52125	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
50) Toluene-d8	7.57	98	204210	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
62) 4-Bromofluorobenzene	10.30	95	66527	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	186769	199.423	ug/l	98
12) 1,1-Dichloroethene	2.28	96	1740	1.867	ug/l	88
27) cis-1,2-Dichloroethene	4.23	96	5296	4.460	ug/l	90
44) Trichloroethene	6.19	130	77307	69.781	ug/l	99
64) Tetrachloroethene	8.23	164	9629	10.304	ug/l	98

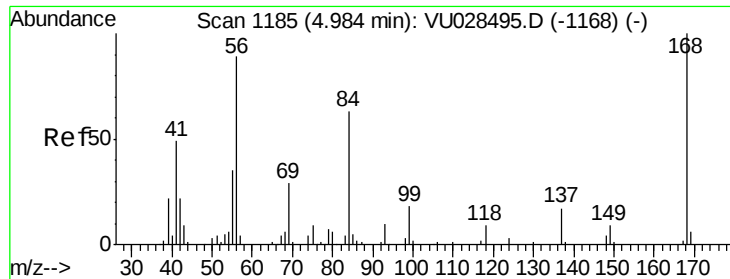
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028565.D

Acq: 10 Dec 2018 20:48

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MSVOA_U

ClientSampleId :

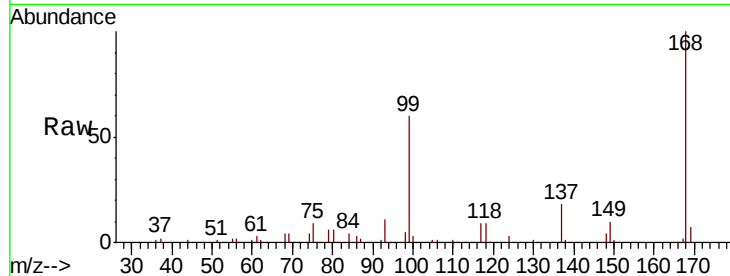
RE-131D2-20181205

Tot Ion:168 Resp: 83695

Ion Ratio Lower Upper

168 100

99 60.2 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

30000

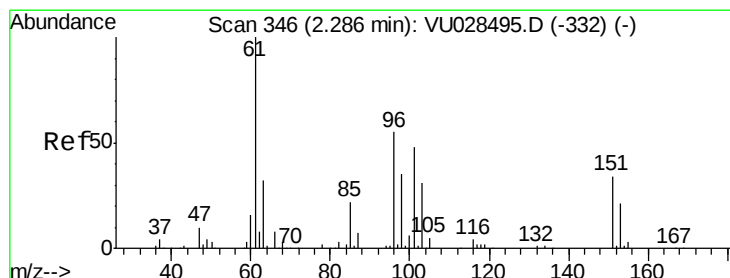
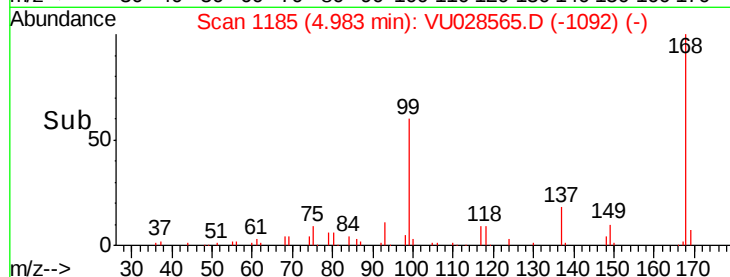
20000

10000

0

4.90 5.00 5.10

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 199.423 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028565.D

Acq: 10 Dec 2018 20:48

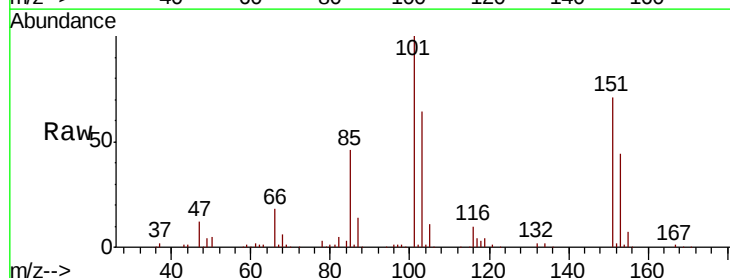
Tgt Ion:101 Resp: 186769

Ion Ratio Lower Upper

101 100

85 45.4 36.4 54.6

151 69.5 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

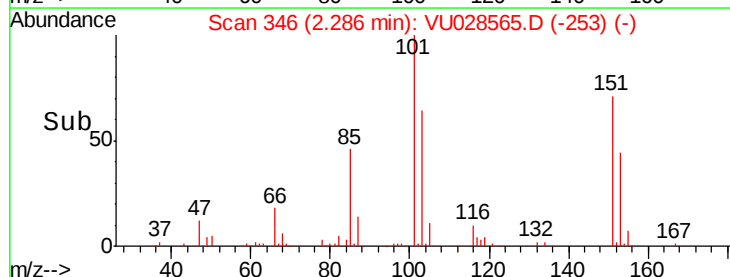
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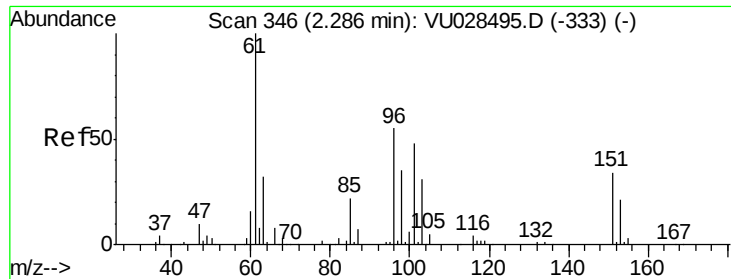
50000

0

2.20 2.25 2.30 2.35 2.40

Time-->





#12

1,1-Dichloroethene

Concen: 1.867 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028565.D

Acq: 10 Dec 2018 20:48

Instrument :

MSVOA_U

ClientSampleId :

RE-131D2-20181205

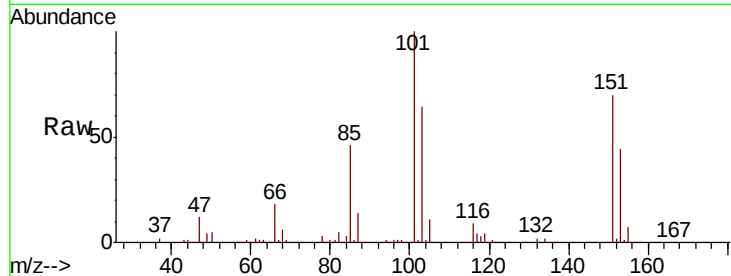
Tot Ion: 96 Resp: 1740

Ion Ratio Lower Upper

96 100

61 163.6 146.4 219.6

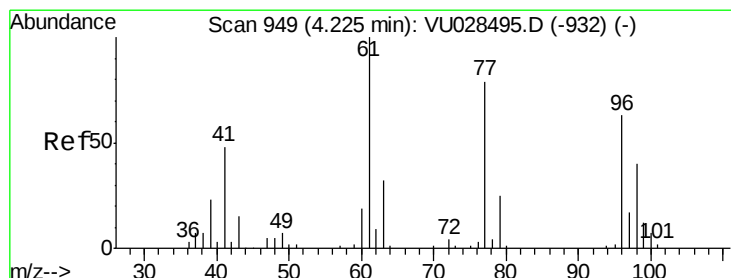
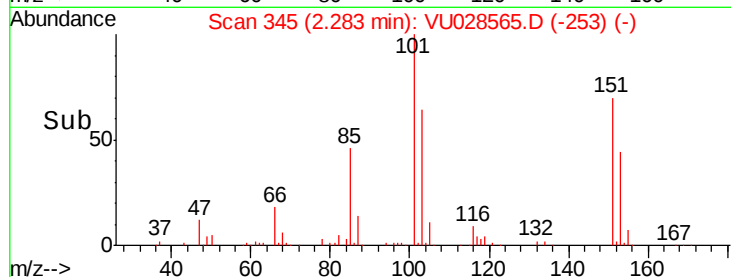
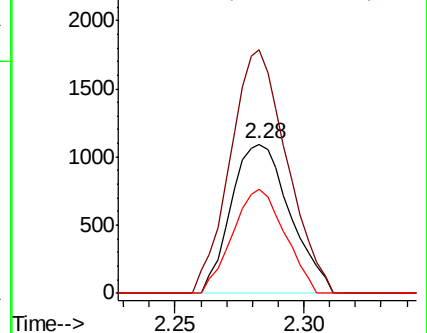
98 70.2 51.8 77.8



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



#27

cis-1,2-Dichloroethene

Concen: 4.460 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028565.D

Acq: 10 Dec 2018 20:48

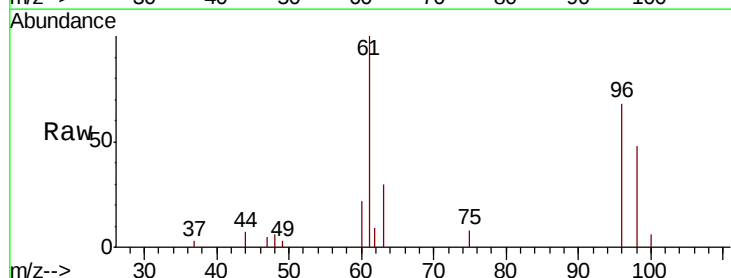
Tgt Ion: 96 Resp: 5296

Ion Ratio Lower Upper

96 100

61 149.0 0.0 332.4

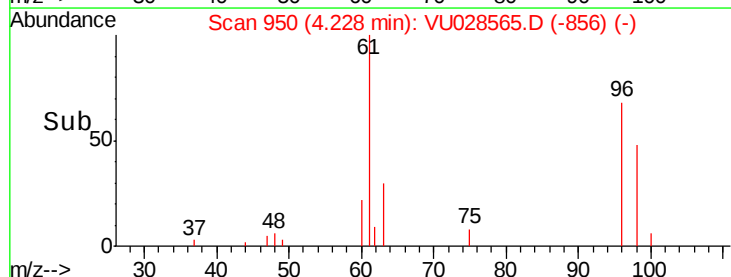
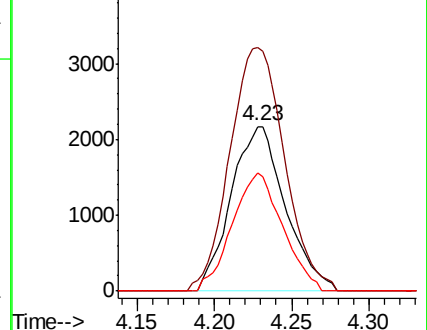
98 66.5 0.0 129.0

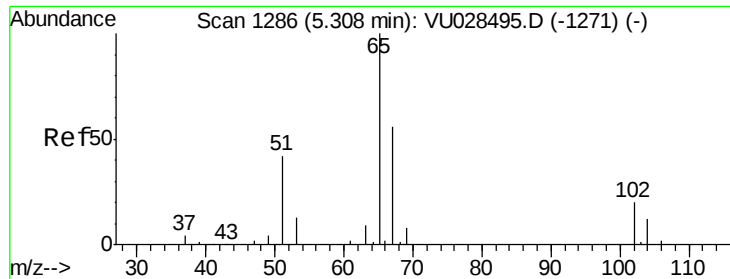


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

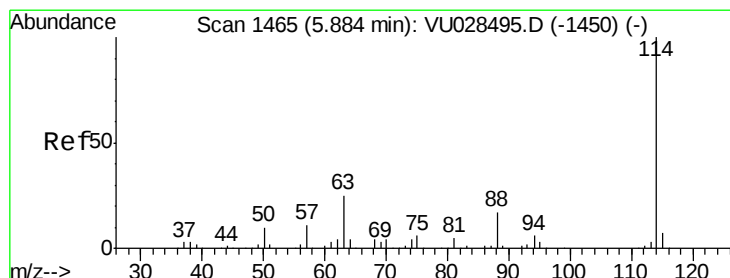
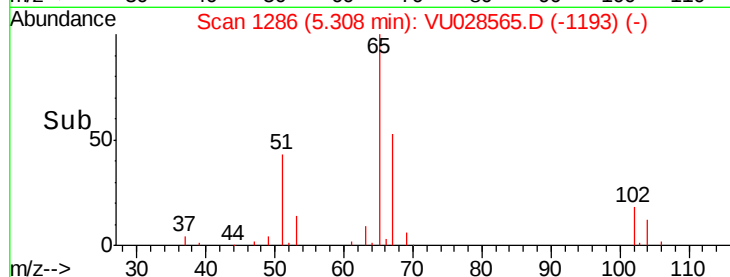
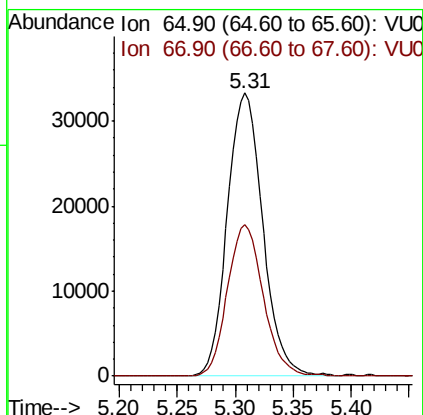
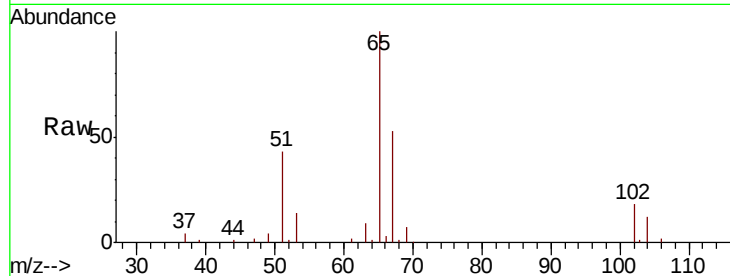




#33
 1,2-Dichloroethane-d4
 Concen: 55.570 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028565.D
 Acq: 10 Dec 2018 20:48

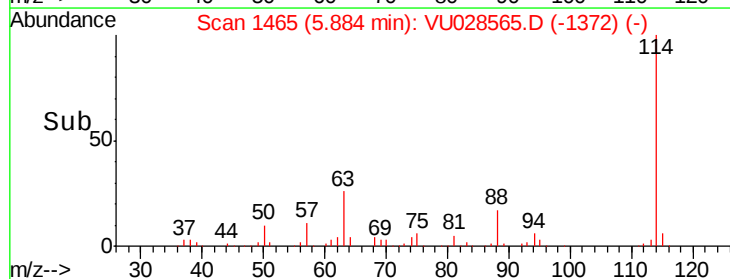
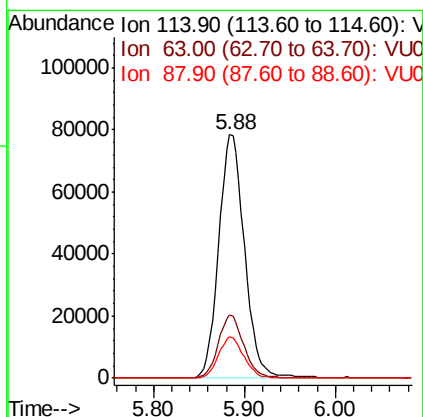
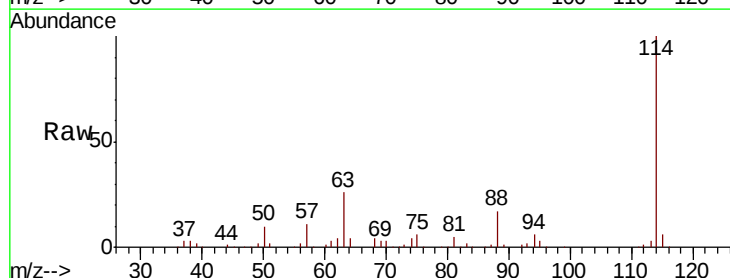
Instrument :
 MSVOA_U
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 RE-131D2-20181205

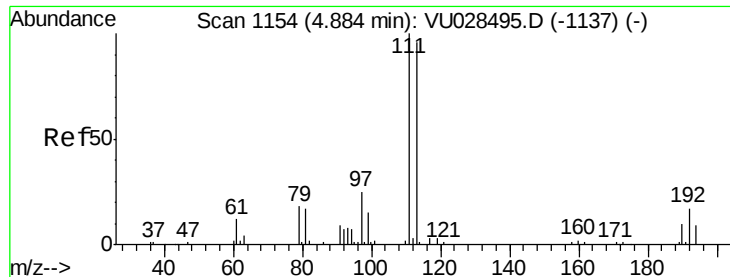
Tot Ion: 65 Resp: 70976
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028565.D
 Acq: 10 Dec 2018 20:48

Tgt Ion: 114 Resp: 154597
 Ion Ratio Lower Upper
 114 100
 63 25.8 0.0 49.2
 88 17.0 0.0 33.4

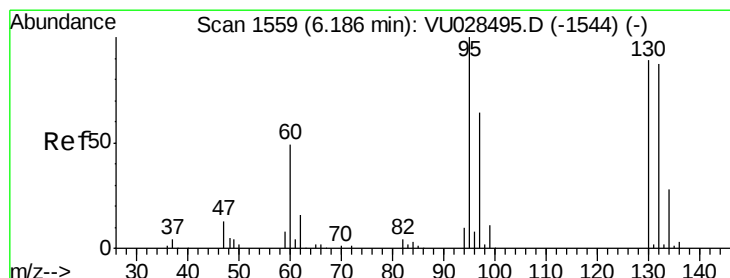
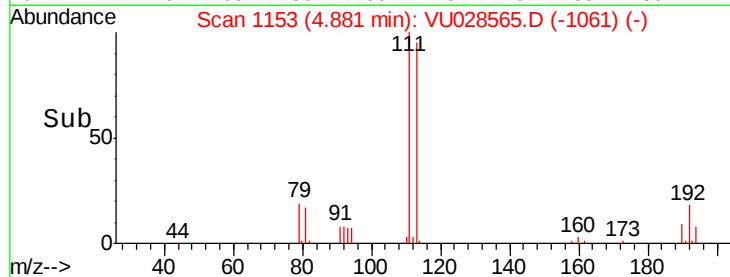
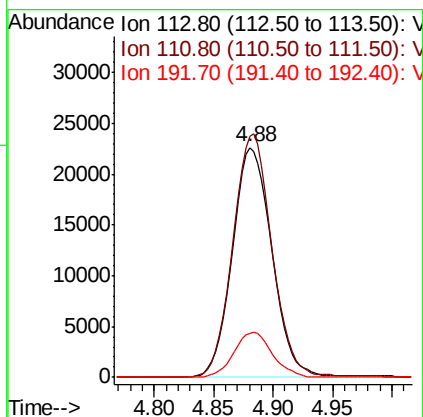
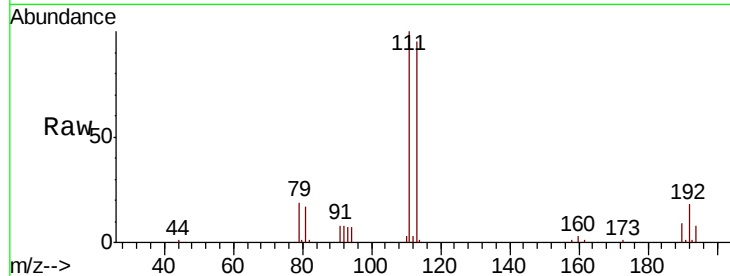




#35
 Dibromofluoromethane
 Concen: 53.577 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028565.D
 Acq: 10 Dec 2018 20:48

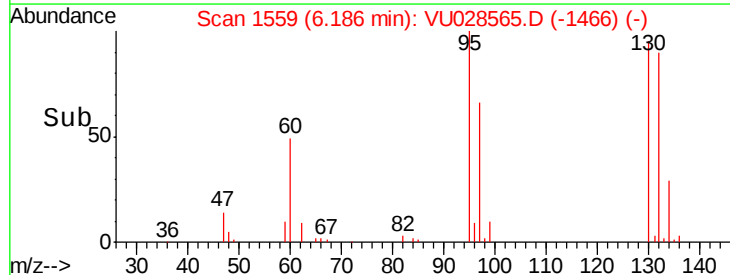
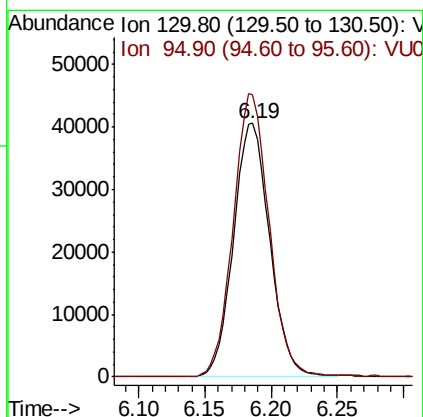
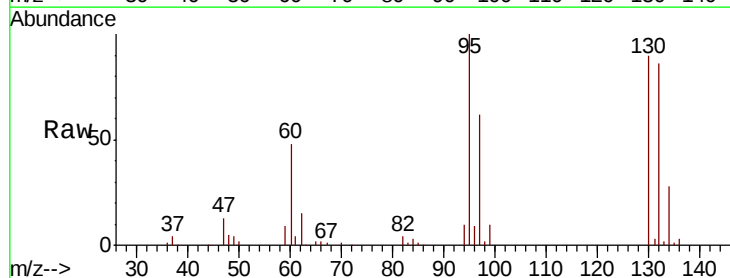
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D2-20181205

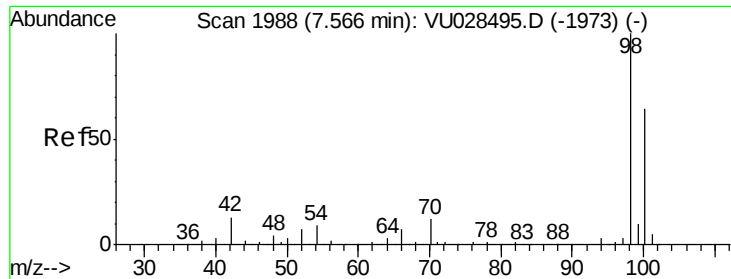
Tot Ion:113 Resp: 52125
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.4 125.0
 192 19.0 14.8 22.2



#44
 Trichloroethene
 Concen: 69.781 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028565.D
 Acq: 10 Dec 2018 20:48

Tgt Ion:130 Resp: 77307
 Ion Ratio Lower Upper
 130 100
 95 111.2 0.0 224.0

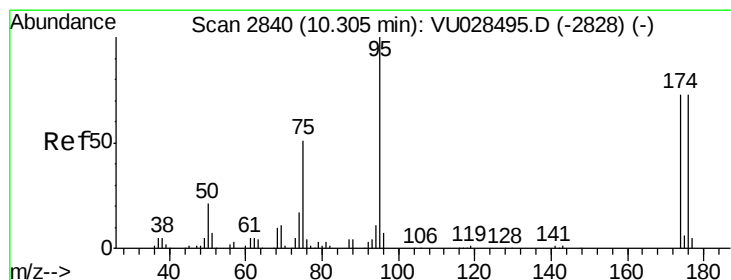
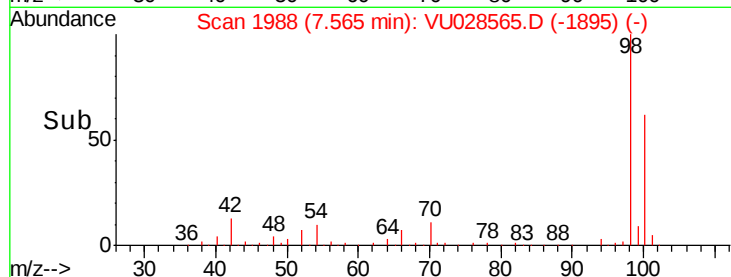
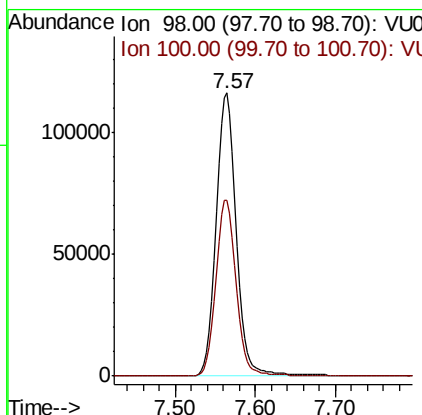
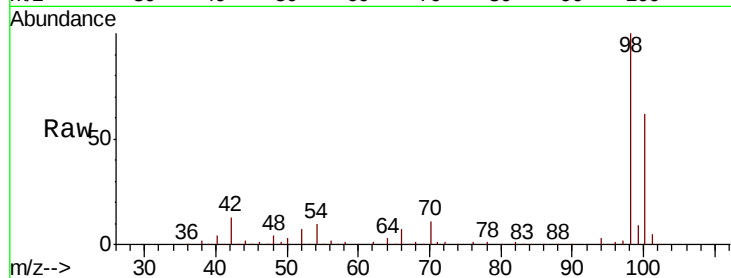




#50
Toluene-d8
Concen: 53.061 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU028565.D
Acq: 10 Dec 2018 20:48

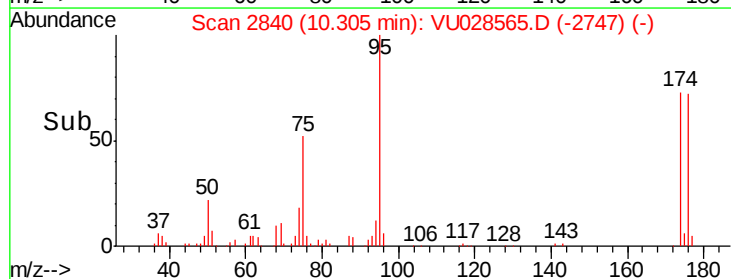
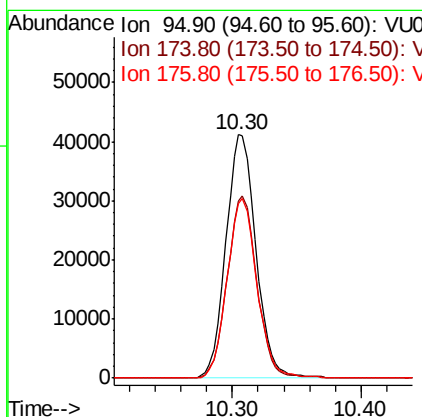
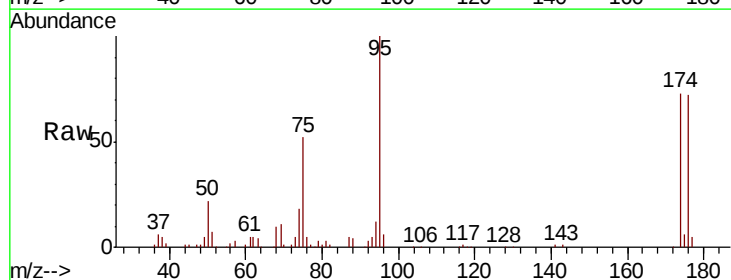
Instrument :
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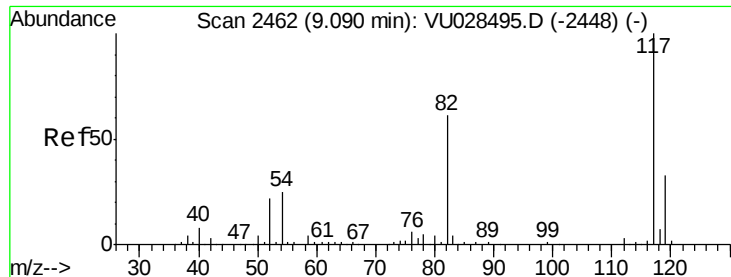
Tot Ion: 98 Resp: 204210
Ion Ratio Lower Upper
98 100
100 62.3 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 46.249 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028565.D
Acq: 10 Dec 2018 20:48

Tgt Ion: 95 Resp: 66527
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.4
176 73.4 0.0 145.2

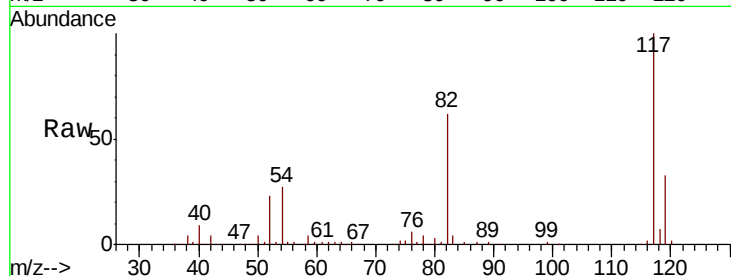




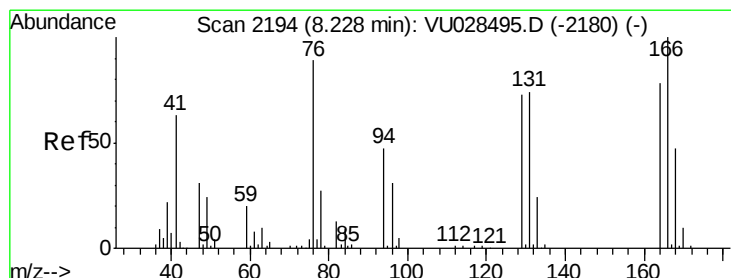
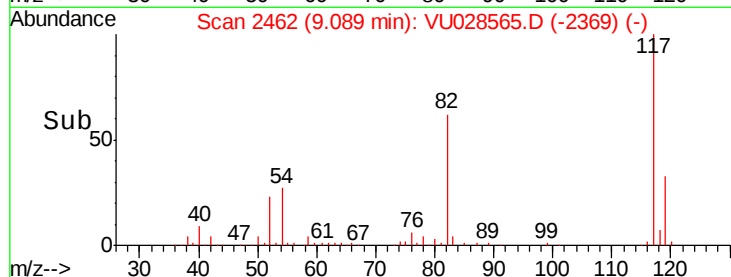
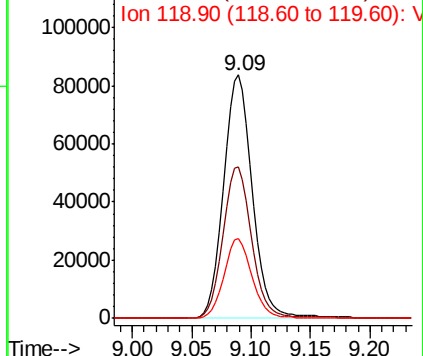
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028565.D
Acq: 10 Dec 2018 20:48

Instrument :
MSVOA_U
ClientSampleId :
RE-131D2-20181205

Tot Ion:117 Resp: 140093
Ion Ratio Lower Upper
117 100
82 62.1 48.9 73.3
119 32.6 26.2 39.4



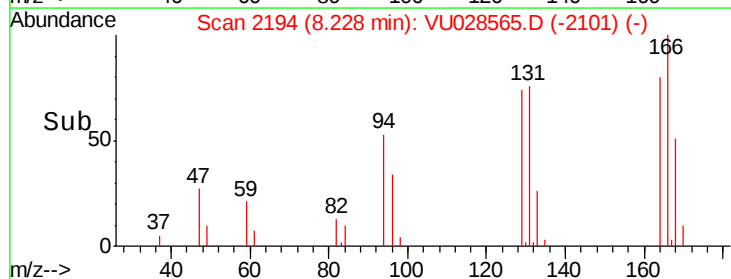
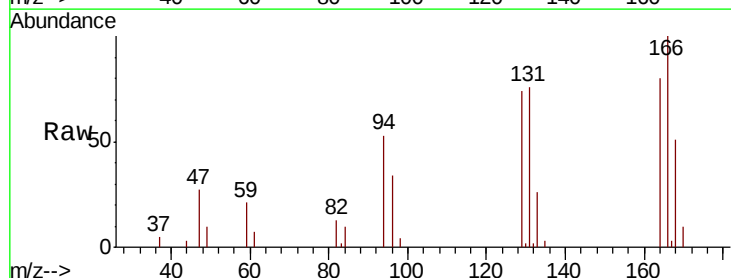
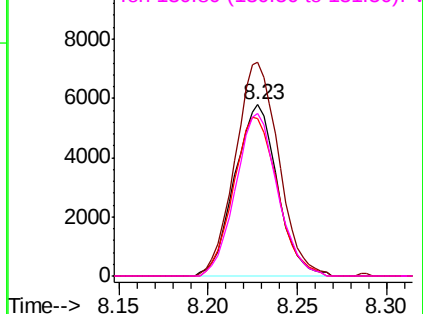
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

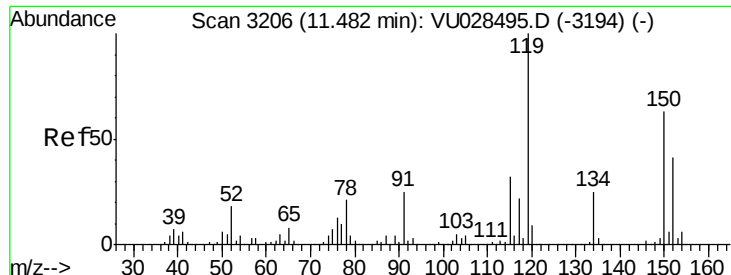


#64
Tetrachloroethene
Concen: 10.304 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028565.D
Acq: 10 Dec 2018 20:48

Tgt Ion:164 Resp: 9629
Ion Ratio Lower Upper
164 100
166 124.8 101.9 152.9
129 91.9 74.9 112.3
131 95.4 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: VU028565.D
 Acq: 10 Dec 2018 20:48

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D2-20181205

Tot Ion:152 Resp: 54742
 Ion Ratio Lower Upper
 152 100
 115 61.7 42.7 128.1
 150 157.7 0.0 346.0

