

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028570.D
 Acq On : 10 Dec 2018 22:49
 Operator : MD/SY
 Sample : J6325-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205

Quant Time: Dec 11 04:32:48 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

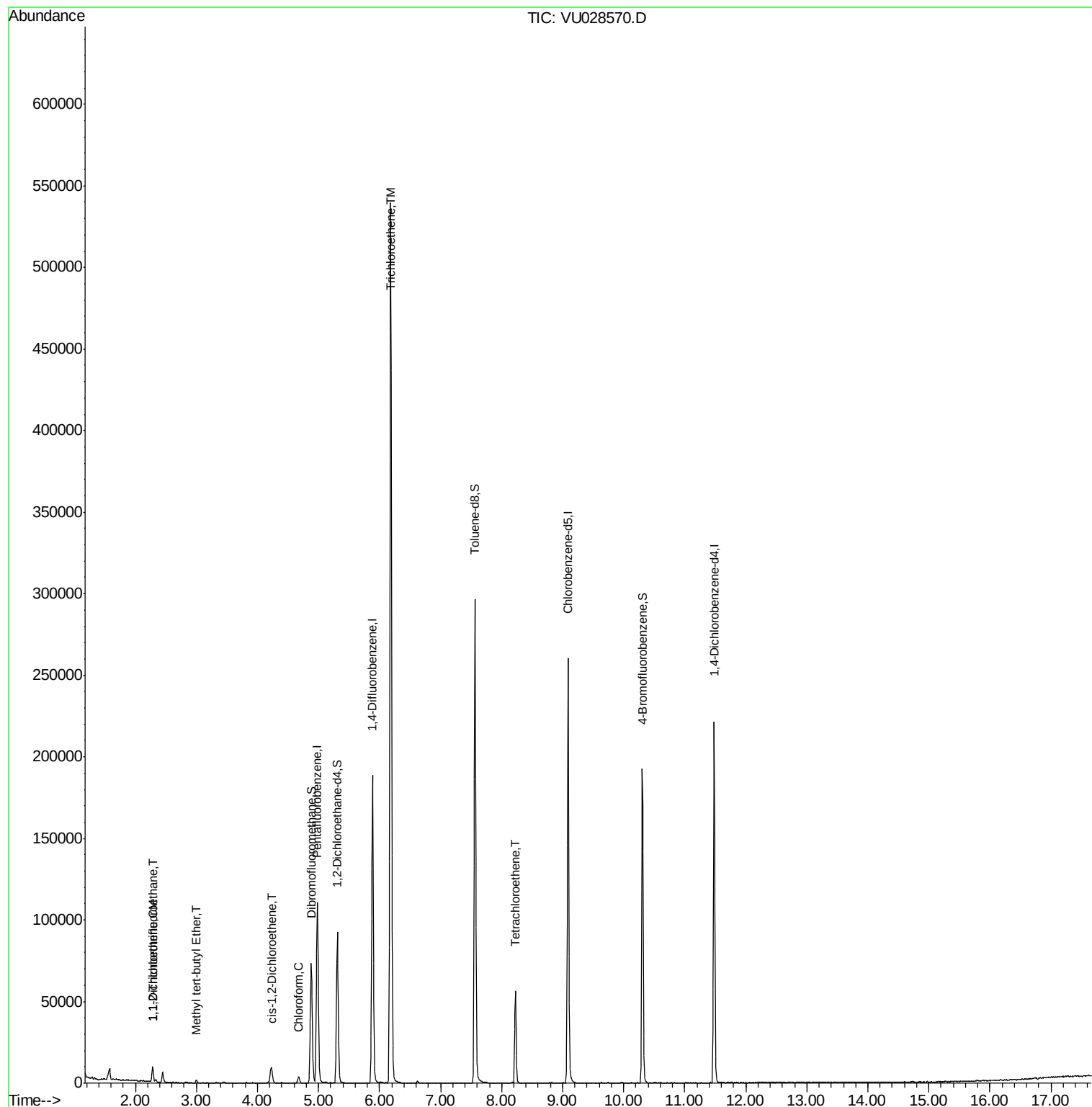
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	79972	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	149975	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	136749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	53784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70395	57.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.36%	
35) Dibromofluoromethane	4.88	113	50702	53.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.44%	
50) Toluene-d8	7.56	98	194686	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	10.30	95	64576	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.29	101	3018	3.372	ug/l	93
12) 1,1-Dichloroethene	2.28	96	676	0.759	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	1716	0.508	ug/l	91
27) cis-1,2-Dichloroethene	4.23	96	5356	4.720	ug/l	90
30) Chloroform	4.67	83	3500	1.873	ug/l	92
44) Trichloroethene	6.18	130	176853	164.555	ug/l	100
64) Tetrachloroethene	8.23	164	12076	13.239	ug/l	99

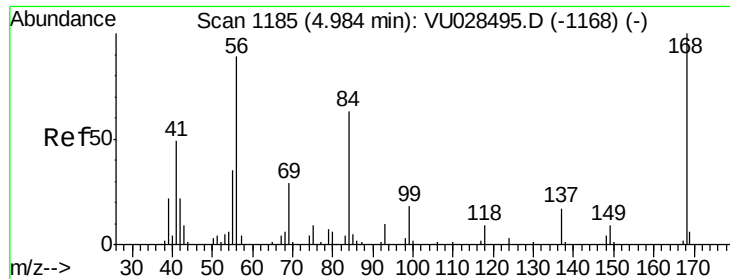
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121118\
Data File : VU028570.D
Acq On : 10 Dec 2018 22:49
Operator : MD/SY
Sample : J6325-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RE-131D1-20181205

Quant Time: Dec 11 04:32:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
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: VU028570.D

Acq: 10 Dec 2018 22:49

Instrument :

MSVOA_U

ClientSampleId :

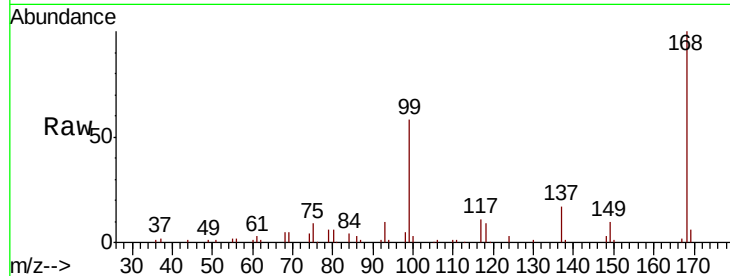
RE-131D1-20181205

Tot Ion:168 Resp: 79972

Ion Ratio Lower Upper

168 100

99 57.9 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

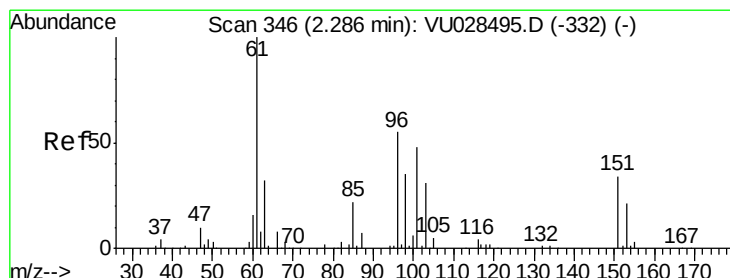
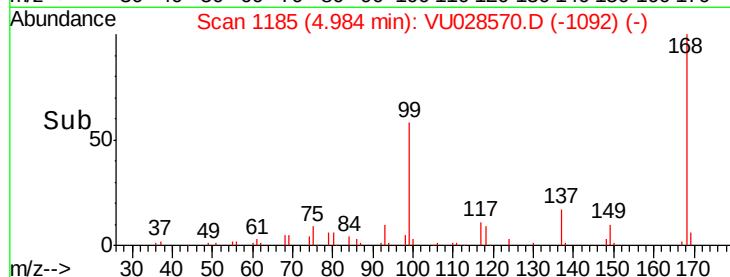
20000

10000

0

4.90 5.00 5.10

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.372 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028570.D

Acq: 10 Dec 2018 22:49

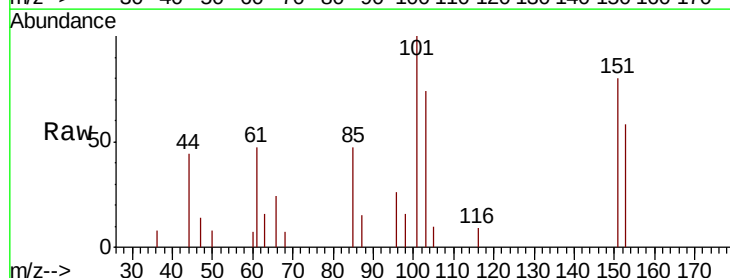
Tgt Ion:101 Resp: 3018

Ion Ratio Lower Upper

101 100

85 50.7 36.4 54.6

151 77.6 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

2000

1500

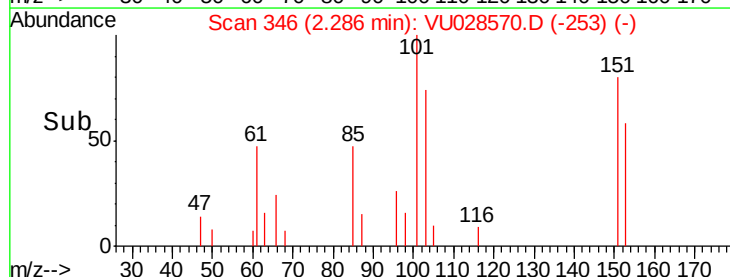
1000

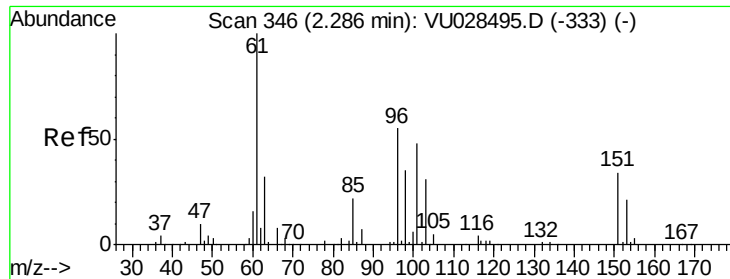
500

0

2.25 2.30

Time-->

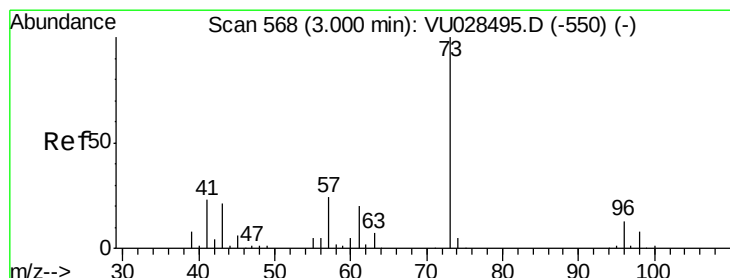
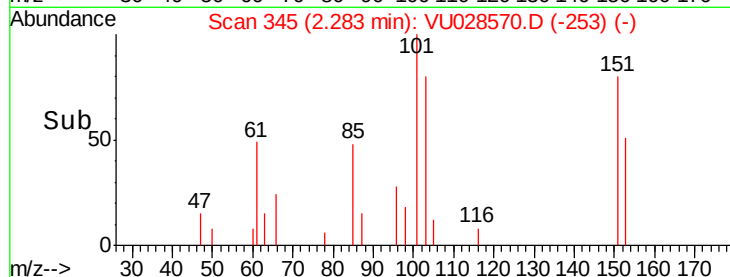
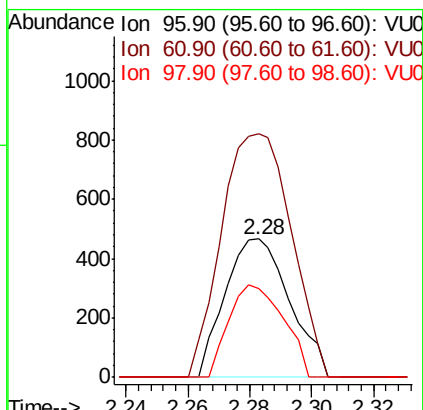
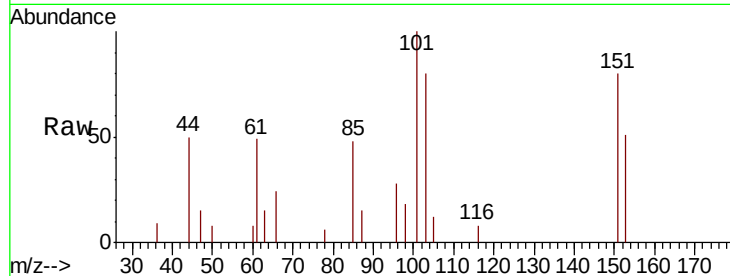




#12
 1,1-Dichloroethene
 Concen: 0.759 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU028570.D
 Acq: 10 Dec 2018 22:49

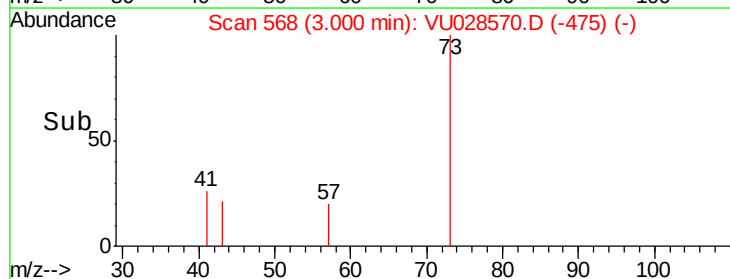
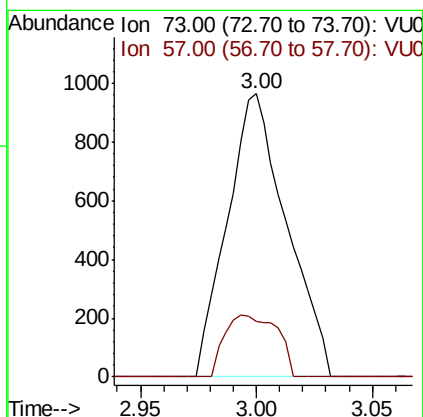
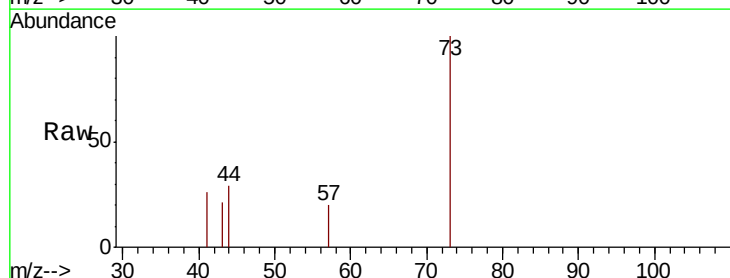
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205

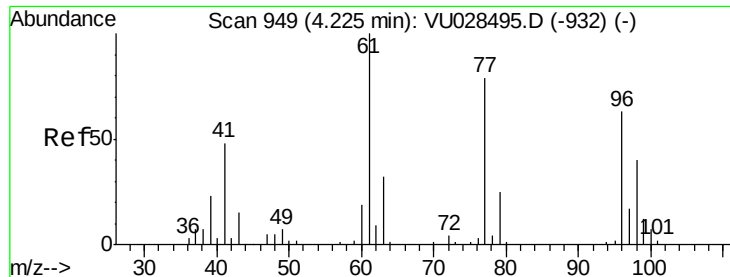
Tot Ion: 96 Resp: 676
 Ion Ratio Lower Upper
 96 100
 61 175.8 146.4 219.6
 98 64.0 51.8 77.8



#19
 Methyl tert-butyl Ether
 Concen: 0.508 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VU028570.D
 Acq: 10 Dec 2018 22:49

Tgt Ion: 73 Resp: 1716
 Ion Ratio Lower Upper
 73 100
 57 19.8 19.4 29.2



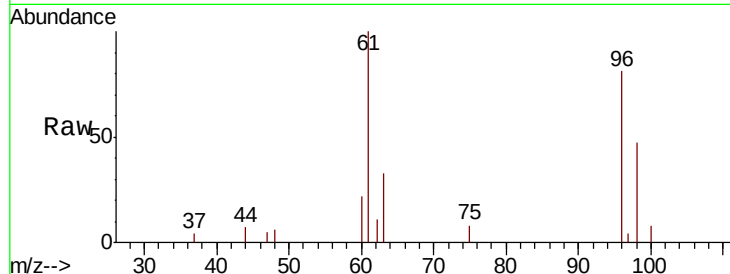


#27

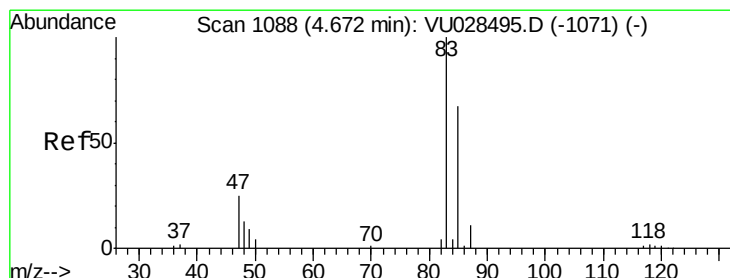
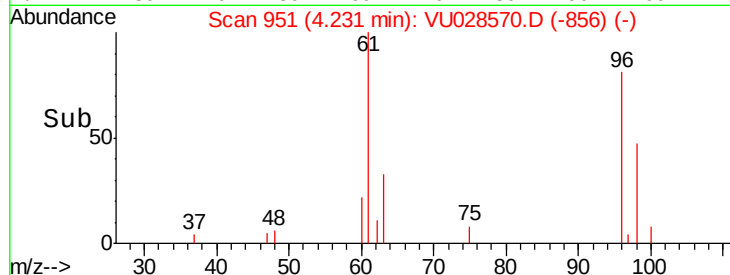
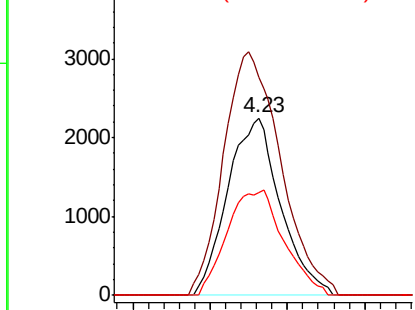
cis-1,2-Dichloroethene
 Concen: 4.720 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.01 min
 Lab File: VU028570.D
 Acq: 10 Dec 2018 22:49

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205

Tot Ion: 96 Resp: 5356
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 332.4
 98 63.5 0.0 129.0



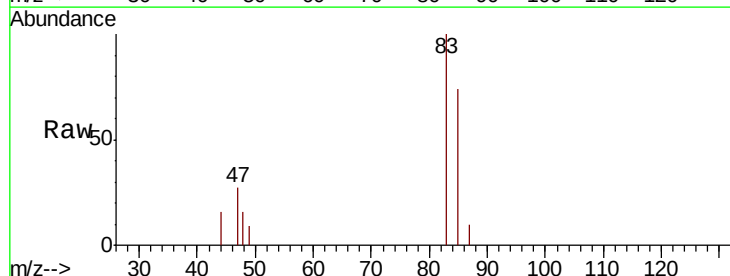
Abundance Ion 95.90 (95.60 to 96.60): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 97.90 (97.60 to 98.60): VU0



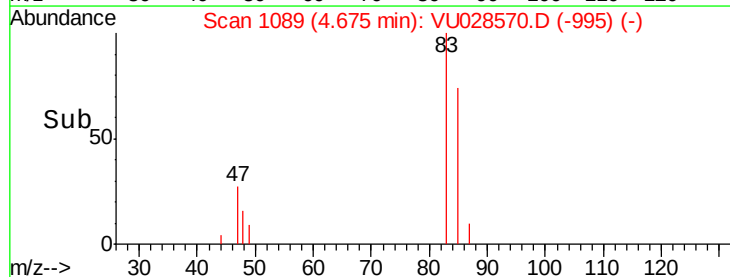
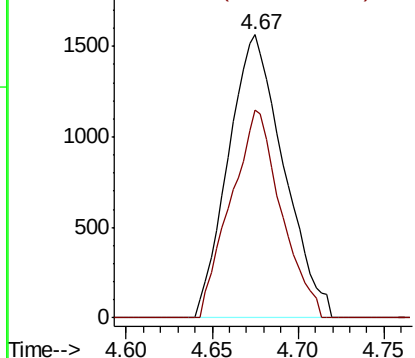
#30

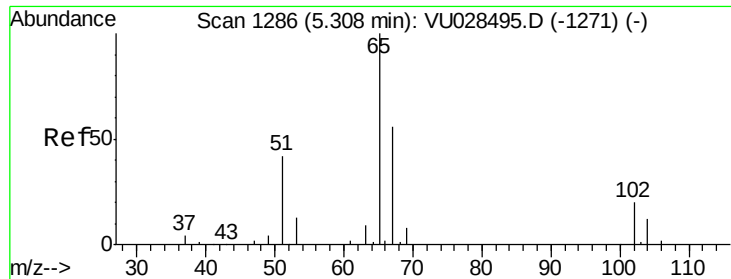
Chloroform
 Concen: 1.873 ug/l
 RT: 4.67 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VU028570.D
 Acq: 10 Dec 2018 22:49

Tgt Ion: 83 Resp: 3500
 Ion Ratio Lower Upper
 83 100
 85 73.7 53.6 80.4



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

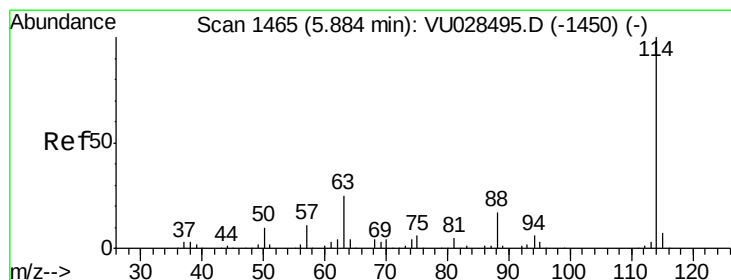
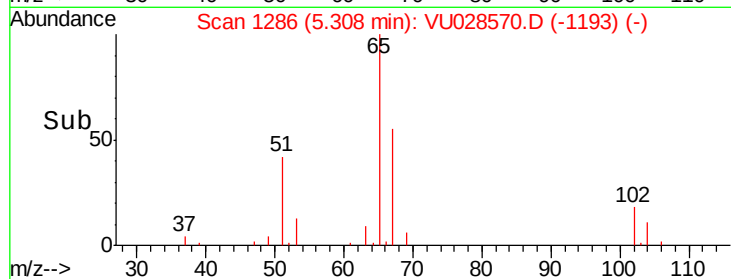
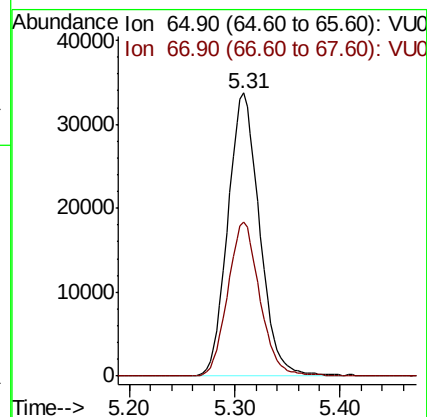
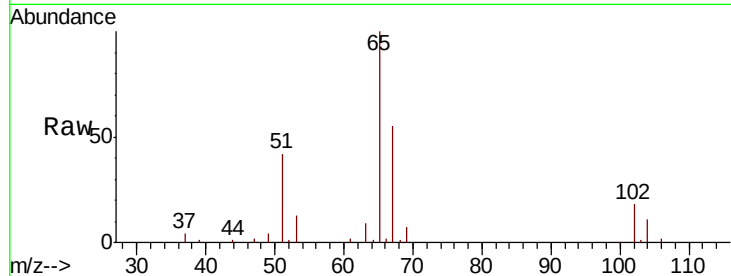




#33
 1,2-Dichloroethane-d4
 Concen: 57.681 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028570.D
 Acq: 10 Dec 2018 22:49

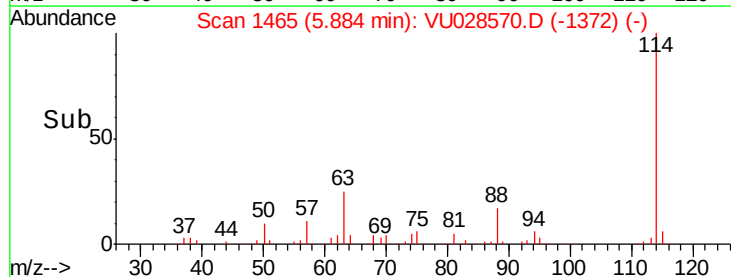
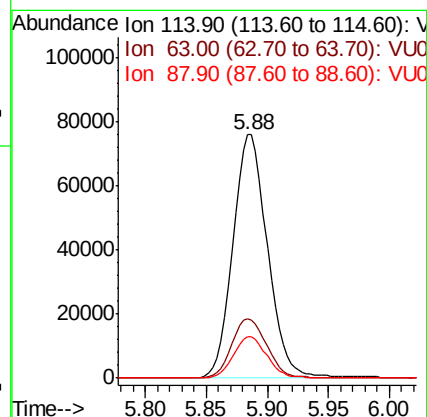
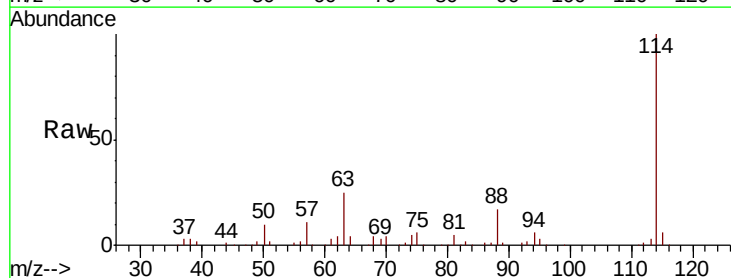
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205

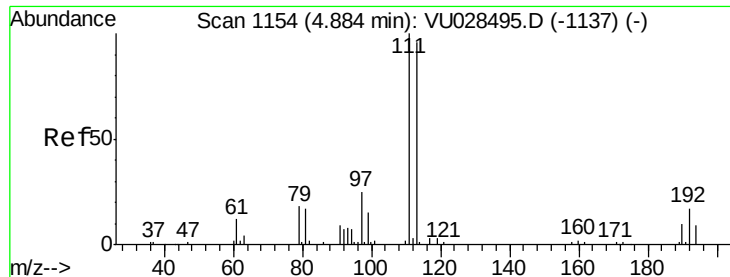
Tot Ion: 65 Resp: 70395
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. -0.00 min
 Lab File: VU028570.D
 Acq: 10 Dec 2018 22:49

Tgt Ion: 114 Resp: 149975
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 16.9 0.0 33.4

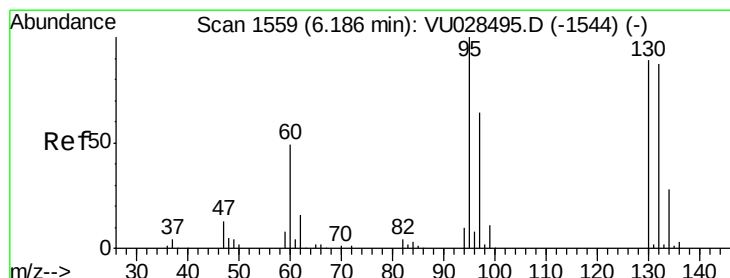
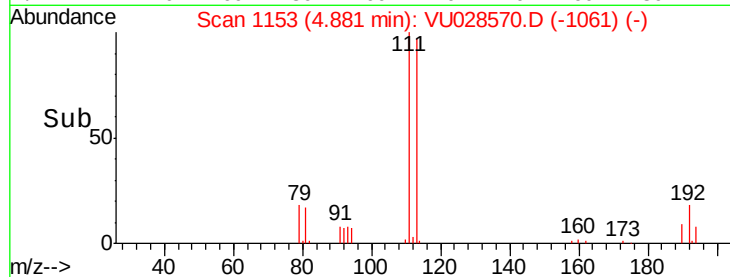
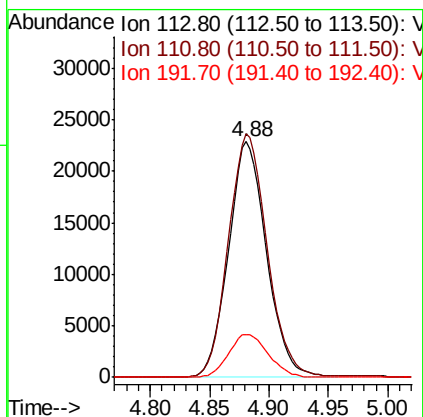
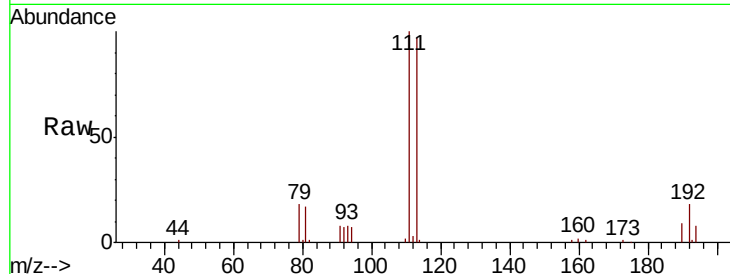




#35
 Dibromofluoromethane
 Concen: 53.721 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028570.D
 Acq: 10 Dec 2018 22:49

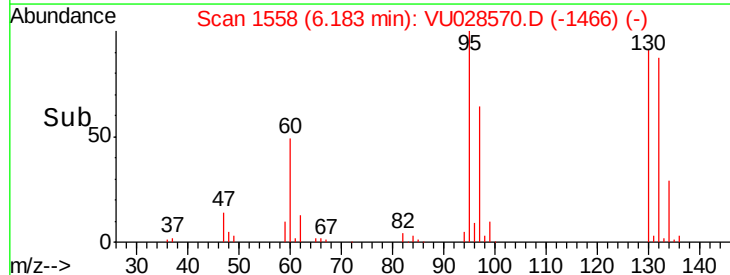
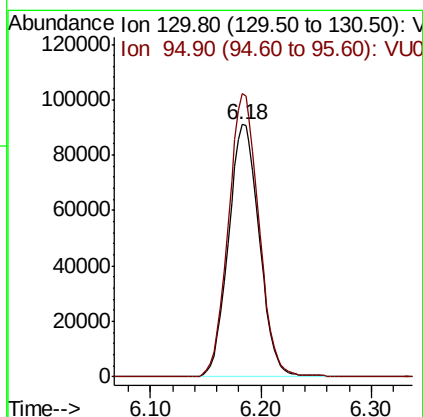
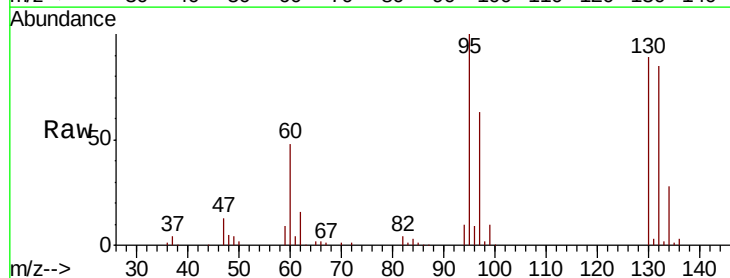
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205

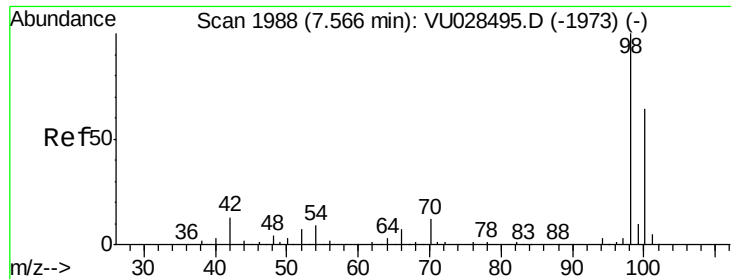
Tot Ion:113 Resp: 50702
 Ion Ratio Lower Upper
 113 100
 111 105.1 83.4 125.0
 192 18.8 14.8 22.2



#44
 Trichloroethene
 Concen: 164.555 ug/l
 RT: 6.18 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VU028570.D
 Acq: 10 Dec 2018 22:49

Tgt Ion:130 Resp: 176853
 Ion Ratio Lower Upper
 130 100
 95 112.3 0.0 224.0

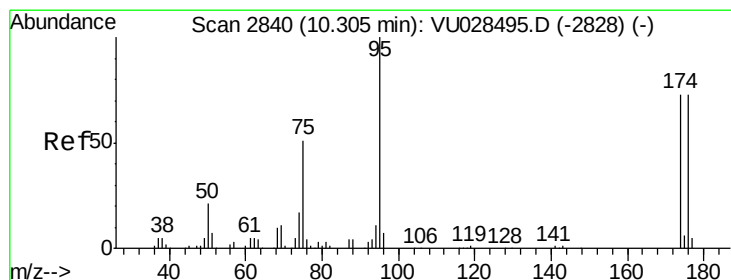
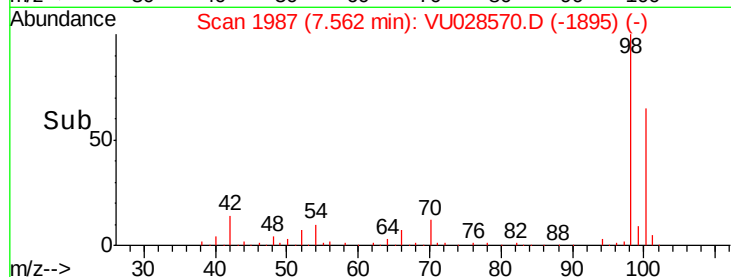
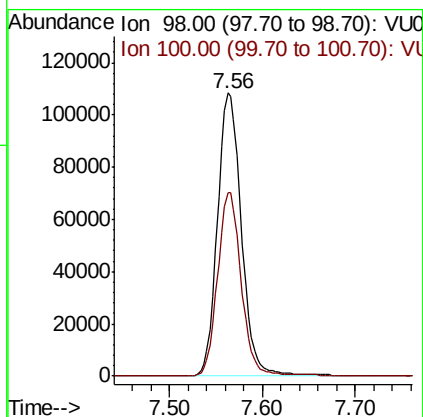
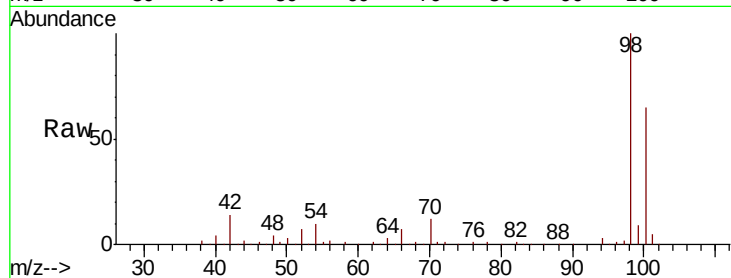




#50
Toluene-d8
Concen: 52.145 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028570.D
Acq: 10 Dec 2018 22:49

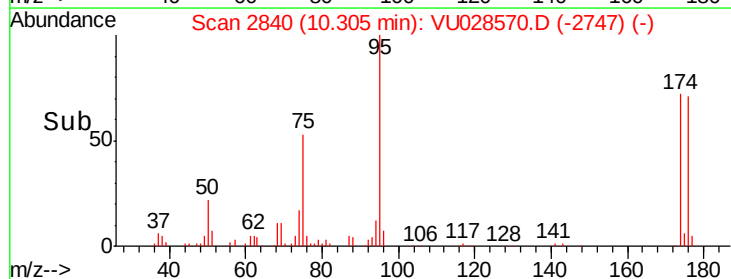
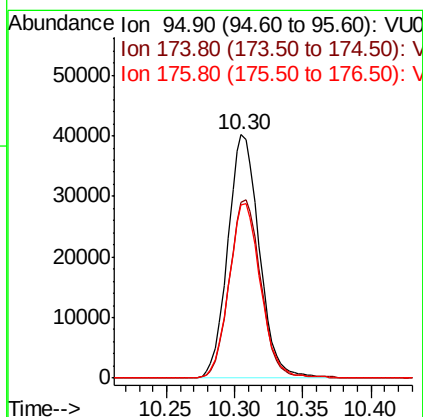
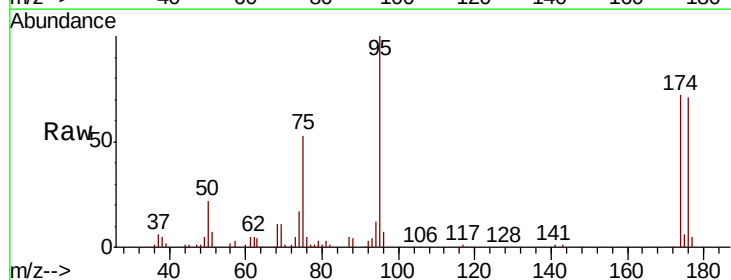
Instrument :
MSVOA_U
ClientSampleId :
RE-131D1-20181205

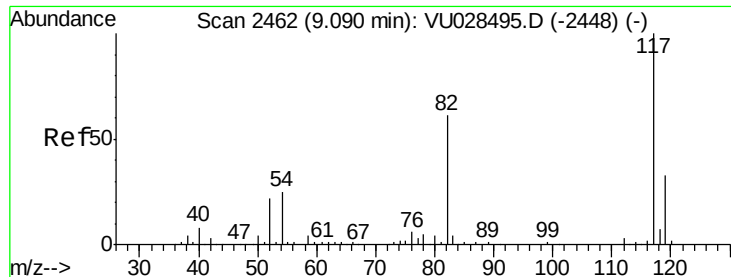
Tot Ion: 98 Resp: 194686
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 46.276 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028570.D
Acq: 10 Dec 2018 22:49

Tgt Ion: 95 Resp: 64576
Ion Ratio Lower Upper
95 100
174 73.3 0.0 150.4
176 72.0 0.0 145.2

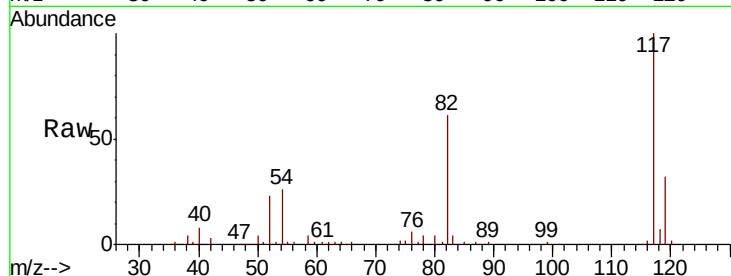




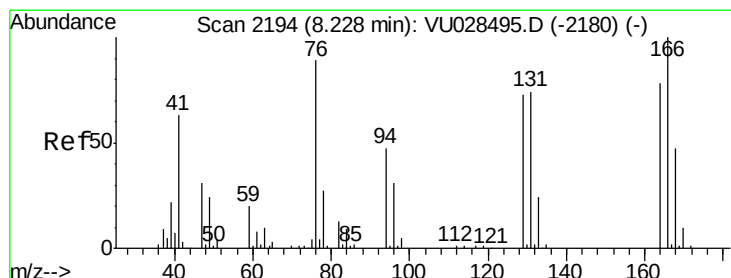
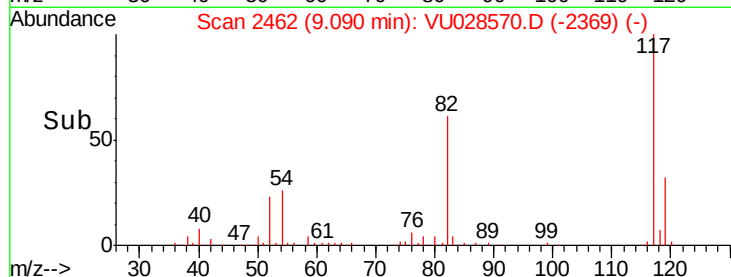
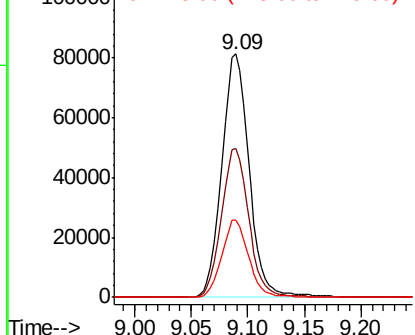
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028570.D
Acq: 10 Dec 2018 22:49

Instrument :
MSVOA_U
ClientSampleId :
RE-131D1-20181205

Tot Ion:117 Resp: 136749
Ion Ratio Lower Upper
117 100
82 61.3 48.9 73.3
119 31.8 26.2 39.4

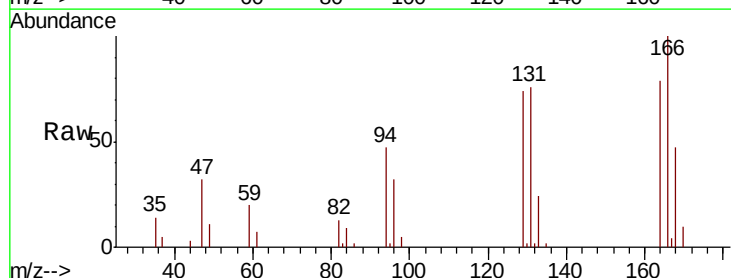


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

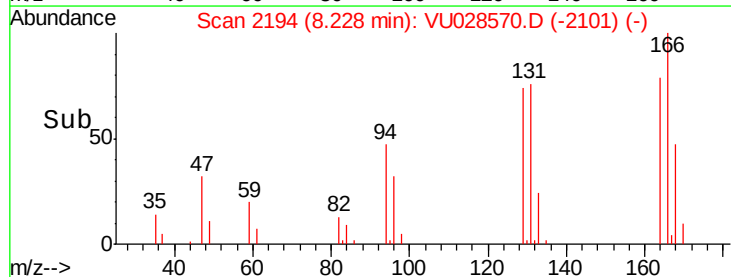
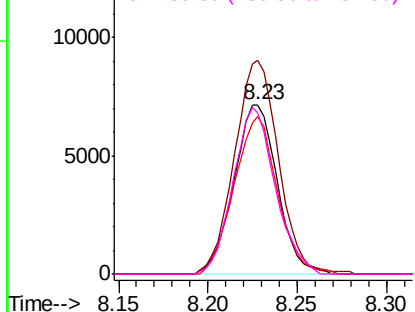


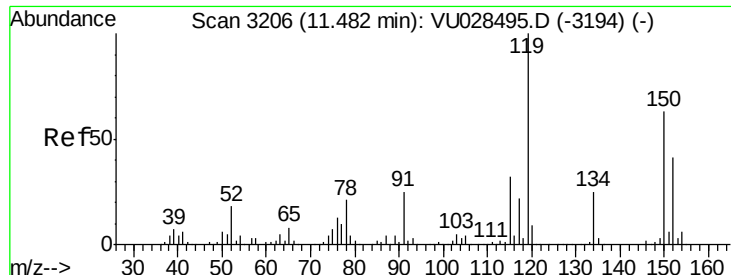
#64
Tetrachloroethene
Concen: 13.239 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028570.D
Acq: 10 Dec 2018 22:49

Tgt Ion:164 Resp: 12076
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 93.1 74.9 112.3
131 95.5 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: VU028570.D
 Acq: 10 Dec 2018 22:49

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D1-20181205

Tot Ion:152 Resp: 53784
 Ion Ratio Lower Upper
 152 100
 115 60.1 42.7 128.1
 150 155.2 0.0 346.0

