

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121118\
 Data File : VU028566.D
 Acq On : 10 Dec 2018 21:13
 Operator : MD/SY
 Sample : J6325-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D3-20181205

Quant Time: Dec 11 04:28:16 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

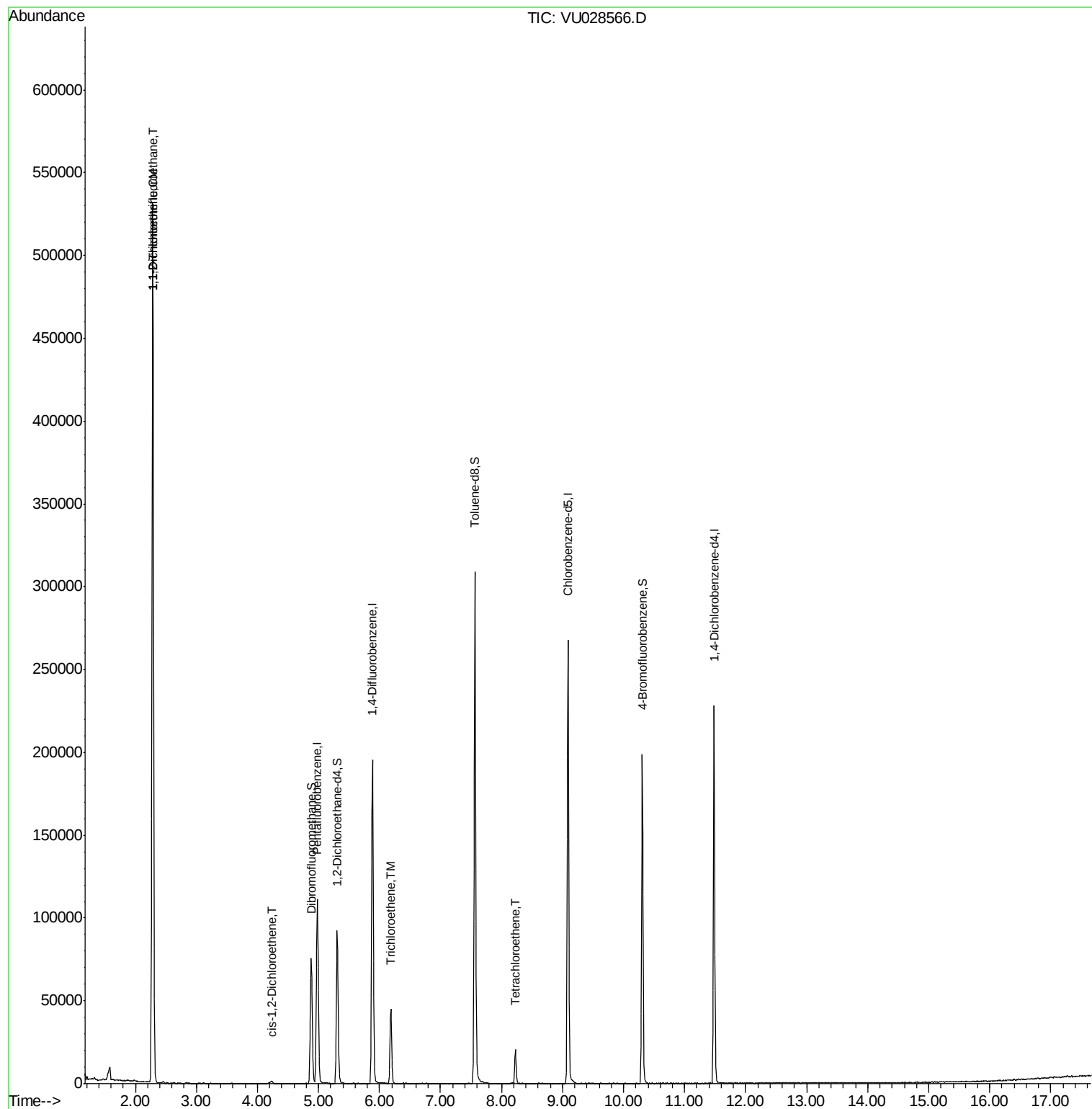
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	83548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	154646	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	139683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	54716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	70900	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
35) Dibromofluoromethane	4.88	113	51672	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
50) Toluene-d8	7.56	98	201093	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	10.30	95	66050	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.29	101	207255	221.686	ug/l	98
12) 1,1-Dichloroethene	2.28	96	1454	1.563	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	635	0.536	ug/l	90
44) Trichloroethene	6.19	130	14635	13.206	ug/l	97
64) Tetrachloroethene	8.23	164	4292	4.607	ug/l	97

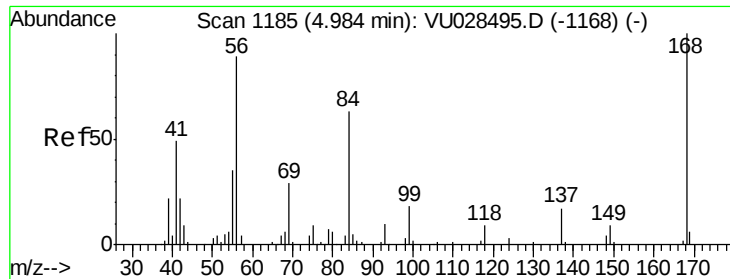
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028566.D

Acq: 10 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

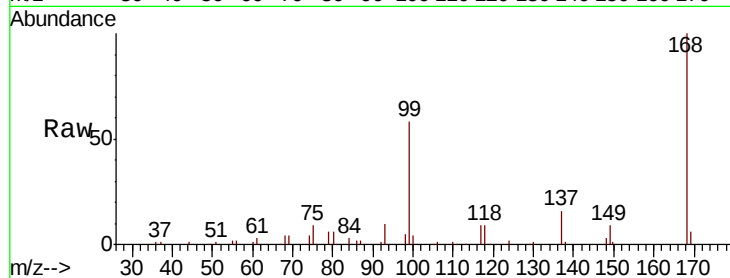
RE-131D3-20181205

Tot Ion:168 Resp: 83548

Ion Ratio Lower Upper

168 100

99 58.5 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

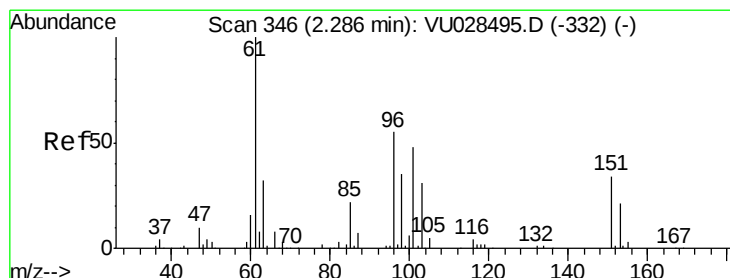
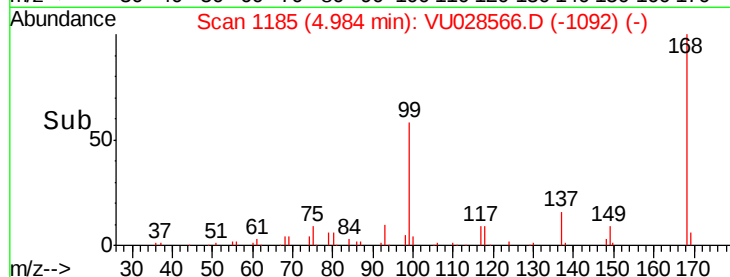
20000

10000

0

4.90 5.00 5.10

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 221.686 ug/l

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028566.D

Acq: 10 Dec 2018 21:13

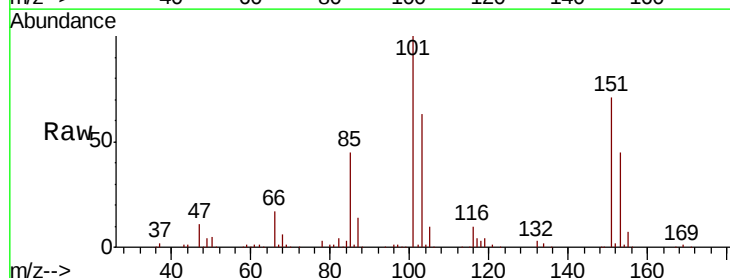
Tgt Ion:101 Resp: 207255

Ion Ratio Lower Upper

101 100

85 45.8 36.4 54.6

151 70.7 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

150000

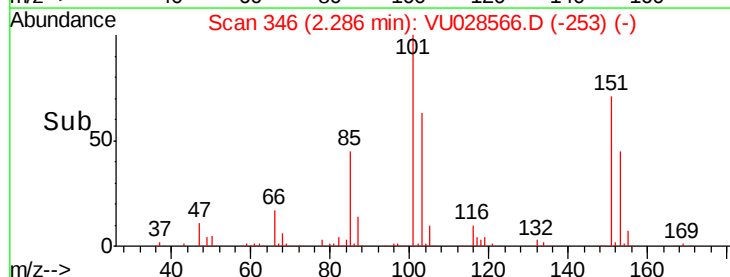
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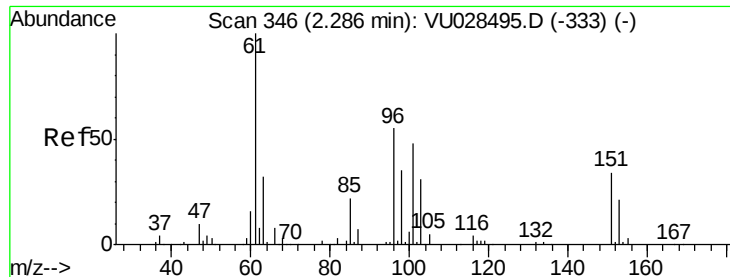
50000

0

2.20 2.25 2.30 2.35 2.40

Time-->





#12

1,1-Dichloroethene

Concen: 1.563 ug/l

RT: 2.28 min Scan# 345

Delta R.T. -0.00 min

Lab File: VU028566.D

Acq: 10 Dec 2018 21:13

Instrument :

MSVOA_U

ClientSampleId :

RE-131D3-20181205

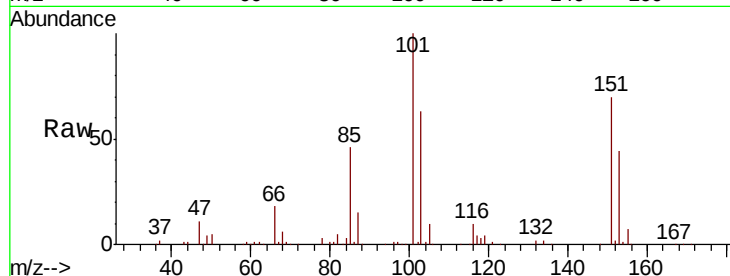
Tot Ion: 96 Resp: 1454

Ion Ratio Lower Upper

96 100

61 175.6 146.4 219.6

98 56.0 51.8 77.8

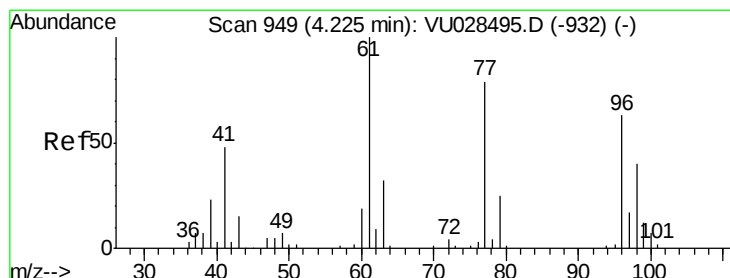
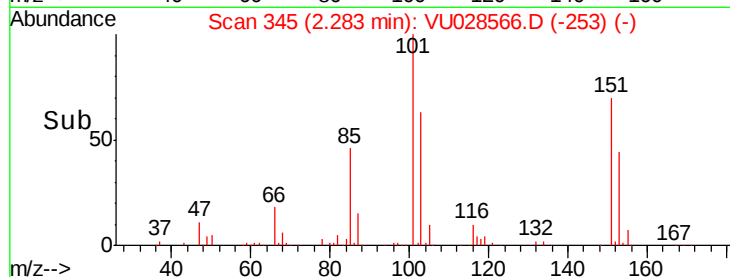
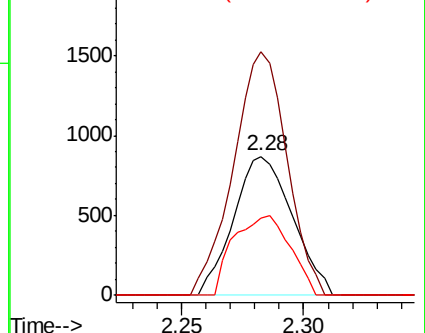


Abundance

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: 0.536 ug/l

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

Lab File: VU028566.D

Acq: 10 Dec 2018 21:13

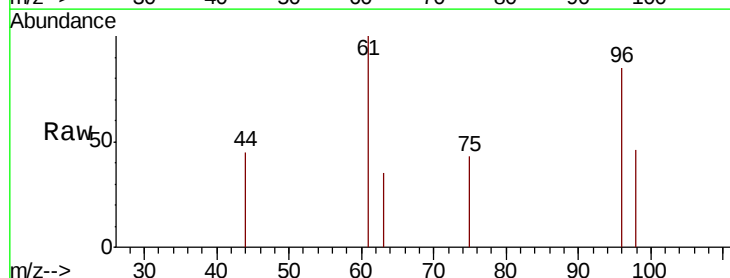
Tgt Ion: 96 Resp: 635

Ion Ratio Lower Upper

96 100

61 158.4 0.0 332.4

98 49.4 0.0 129.0

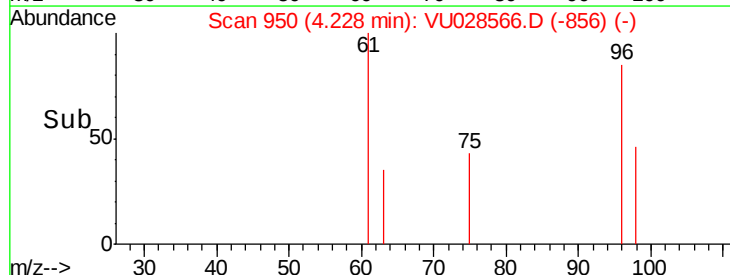
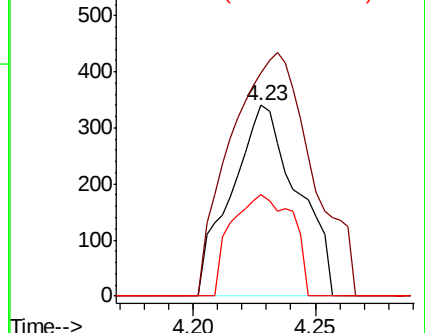


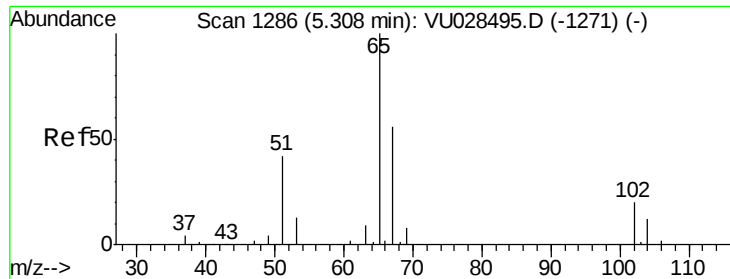
Abundance

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

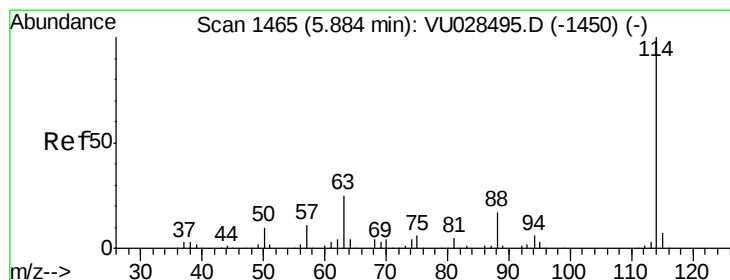
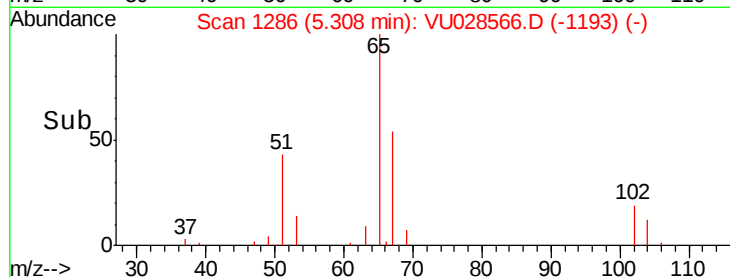
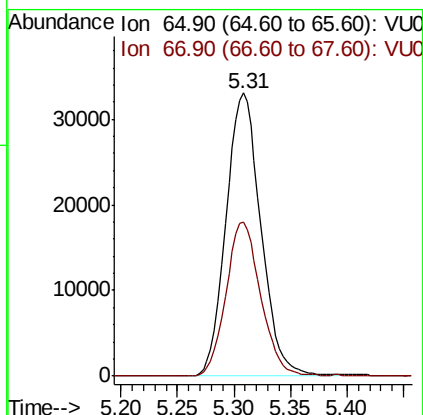
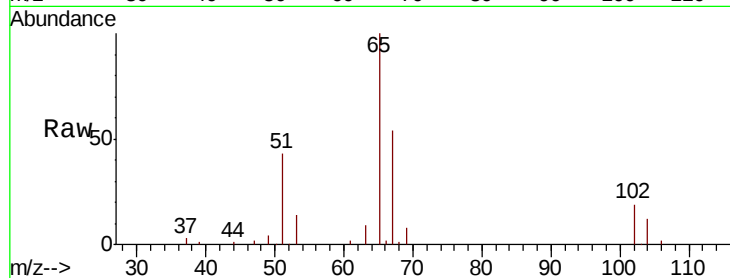




#33
 1,2-Dichloroethane-d4
 Concen: 55.608 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028566.D
 Acq: 10 Dec 2018 21:13

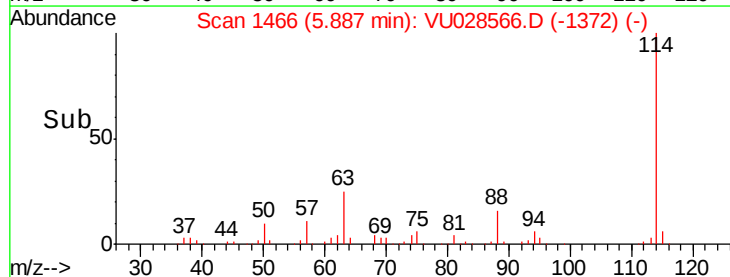
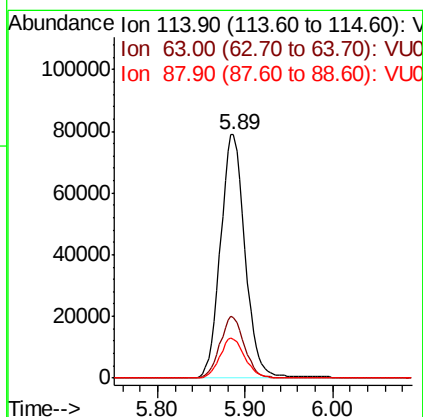
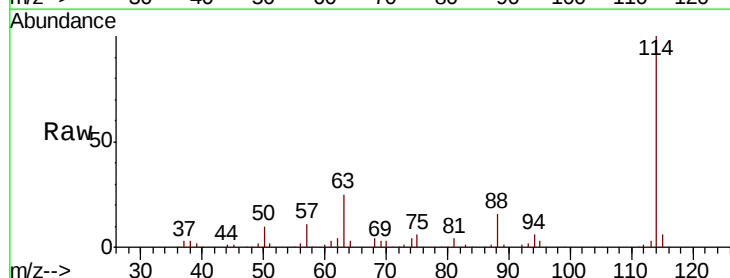
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D3-20181205

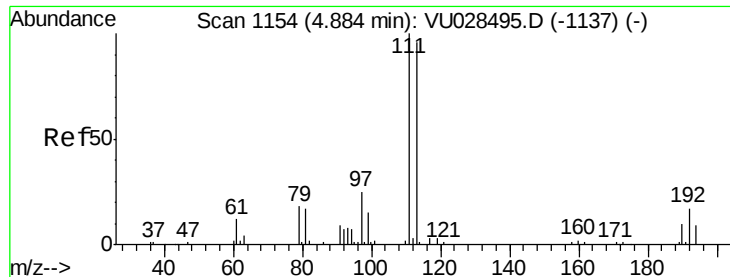
Tot Ion: 65 Resp: 70900
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028566.D
 Acq: 10 Dec 2018 21:13

Tgt Ion: 114 Resp: 154646
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.1 0.0 33.4

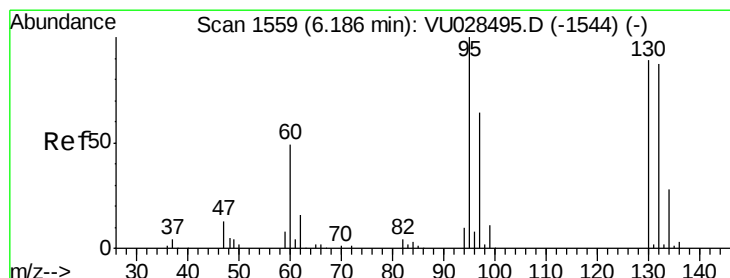
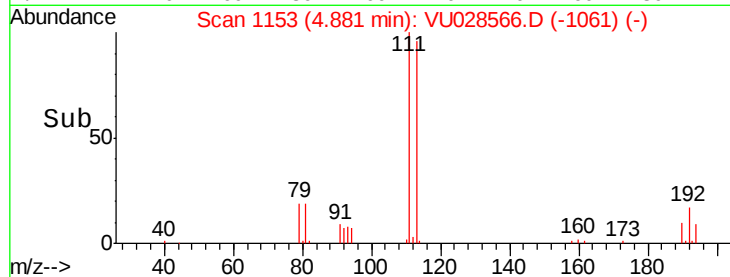
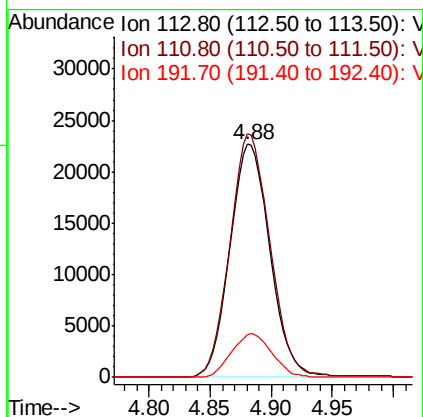
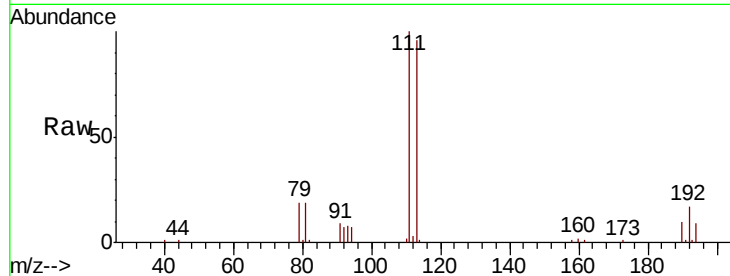




#35
 Dibromofluoromethane
 Concen: 53.095 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028566.D
 Acq: 10 Dec 2018 21:13

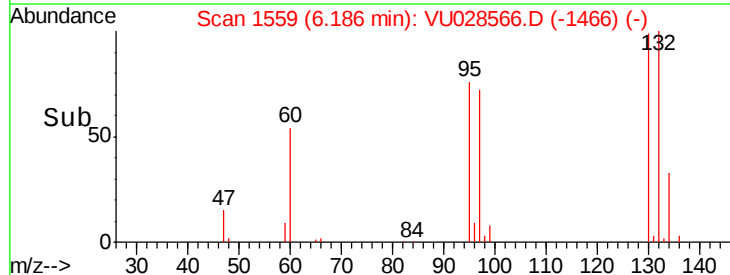
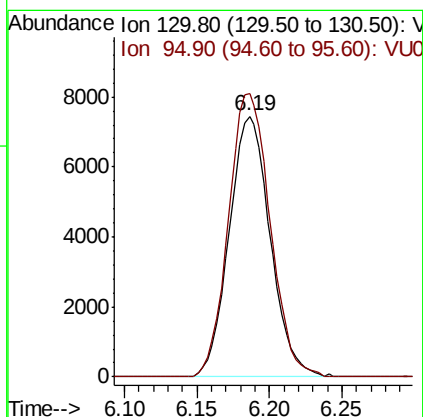
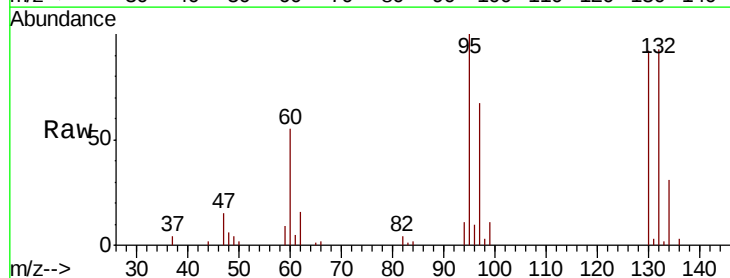
Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D3-20181205

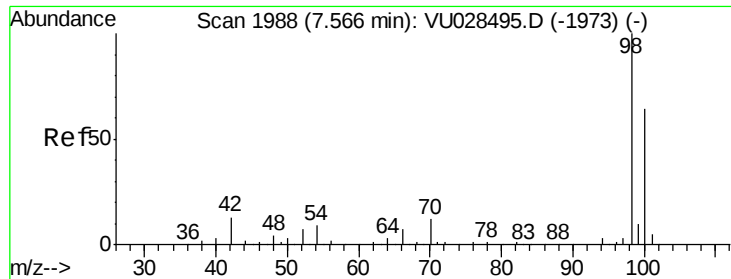
Tot Ion:113 Resp: 51672
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.4 125.0
 192 18.9 14.8 22.2



#44
 Trichloroethene
 Concen: 13.206 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. -0.00 min
 Lab File: VU028566.D
 Acq: 10 Dec 2018 21:13

Tgt Ion:130 Resp: 14635
 Ion Ratio Lower Upper
 130 100
 95 108.5 0.0 224.0

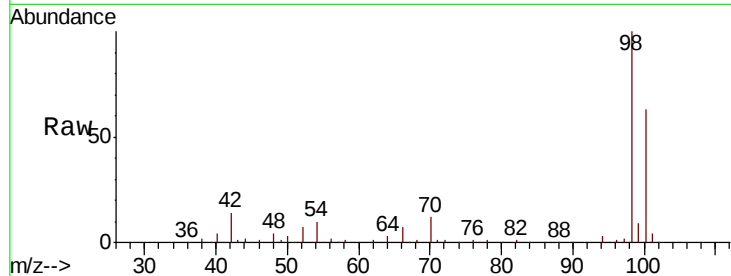




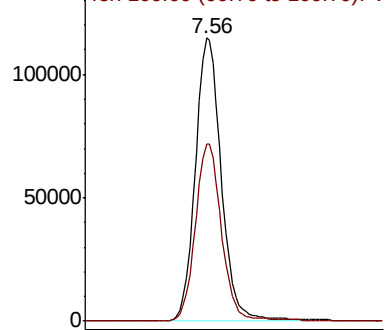
#50
Toluene-d8
Concen: 52.235 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028566.D
Acq: 10 Dec 2018 21:13

Instrument :
MSVOA_U
ClientSampleId :
RE-131D3-20181205

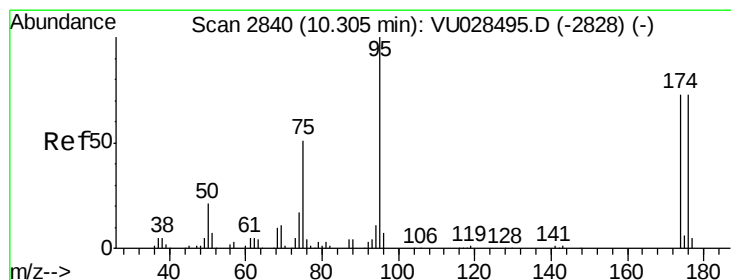
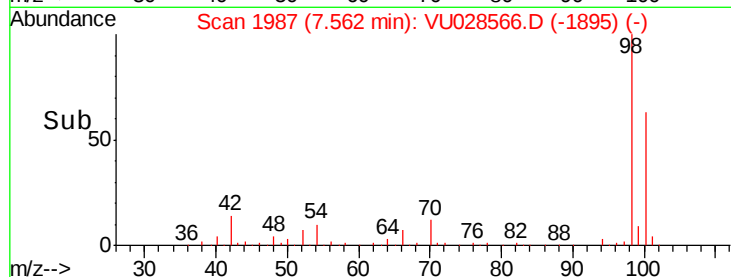
Tot Ion: 98 Resp: 201093
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)
Ion 100.00 (99.70 to 100.70): VU028566.D (-1895) (-)

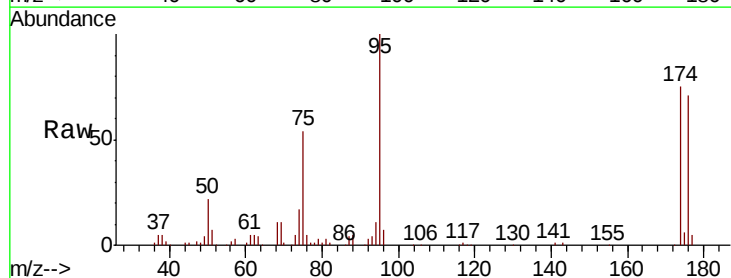


Time-->

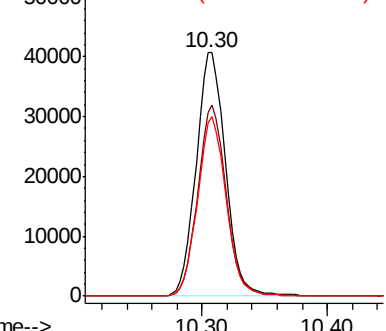


#62
4-Bromofluorobenzene
Concen: 45.903 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VU028566.D
Acq: 10 Dec 2018 21:13

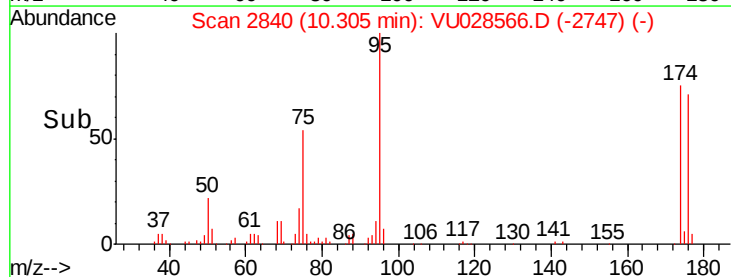
Tgt Ion: 95 Resp: 66050
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.4
176 71.9 0.0 145.2

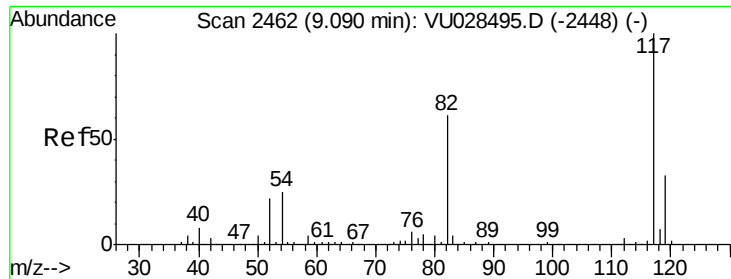


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU028566.D (-2747) (-)
Ion 175.80 (175.50 to 176.50): VU028566.D (-2747) (-)



Time-->

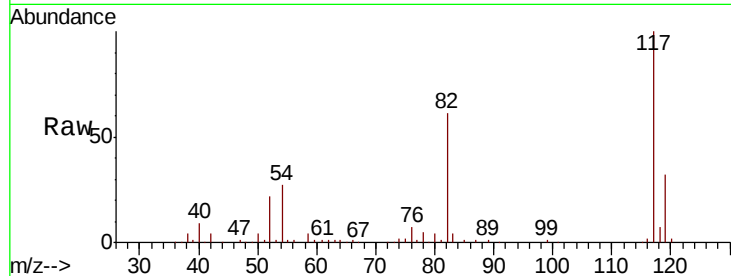




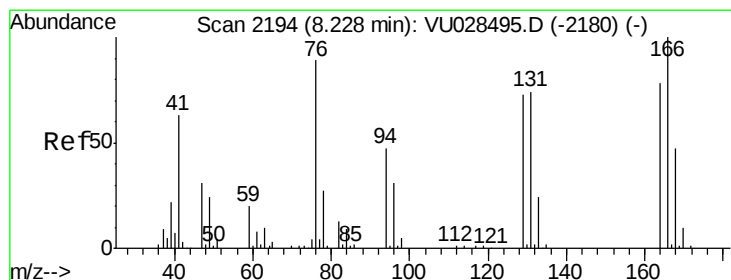
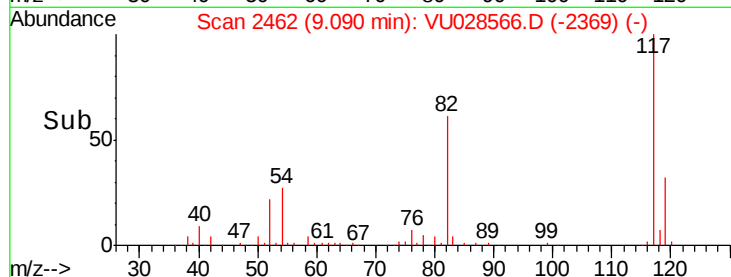
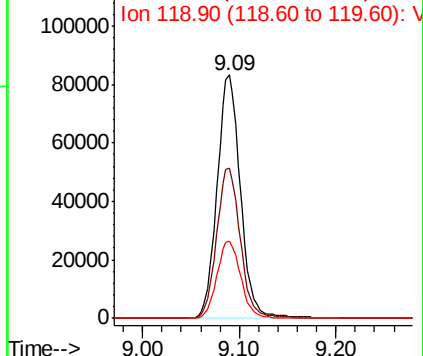
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028566.D
Acq: 10 Dec 2018 21:13

Instrument :
MSVOA_U
ClientSampleId :
RE-131D3-20181205

Tot Ion:117 Resp: 139683
Ion Ratio Lower Upper
117 100
82 61.5 48.9 73.3
119 31.6 26.2 39.4

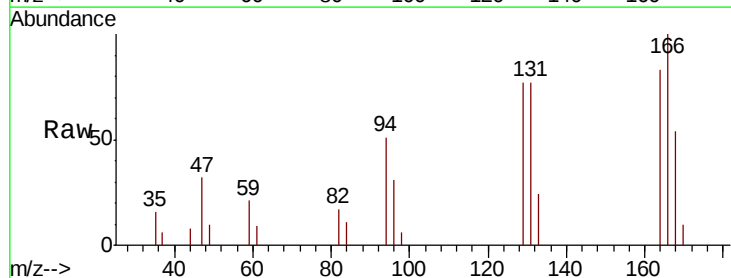


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

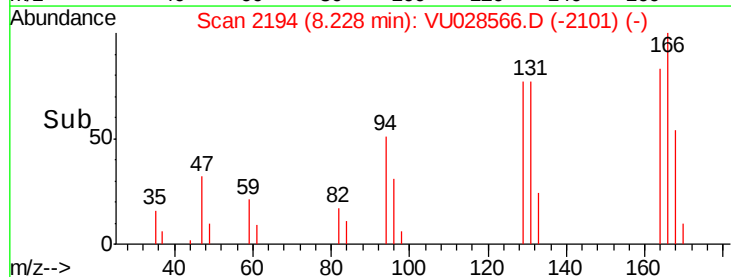
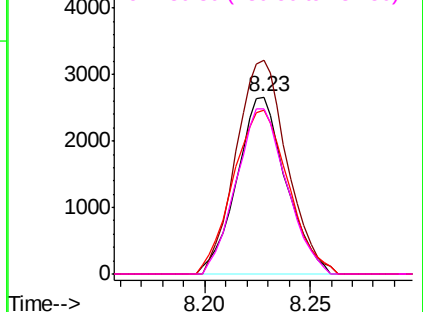


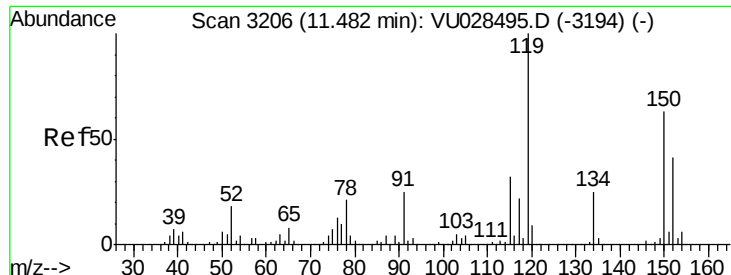
#64
Tetrachloroethene
Concen: 4.607 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU028566.D
Acq: 10 Dec 2018 21:13

Tgt Ion:164 Resp: 4292
Ion Ratio Lower Upper
164 100
166 120.6 101.9 152.9
129 92.7 74.9 112.3
131 93.2 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: VU028566.D
 Acq: 10 Dec 2018 21:13

Instrument :
 MSVOA_U
 ClientSampleId :
 RE-131D3-20181205

Tot Ion:152 Resp: 54716
 Ion Ratio Lower Upper
 152 100
 115 60.2 42.7 128.1
 150 158.0 0.0 346.0

