

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121019\
 Data File : VX013919.D
 Acq On : 11 Dec 2019 00:10
 Operator : JC/SP
 Sample : K6185-06DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20191205DL

Quant Time: Dec 11 06:48:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

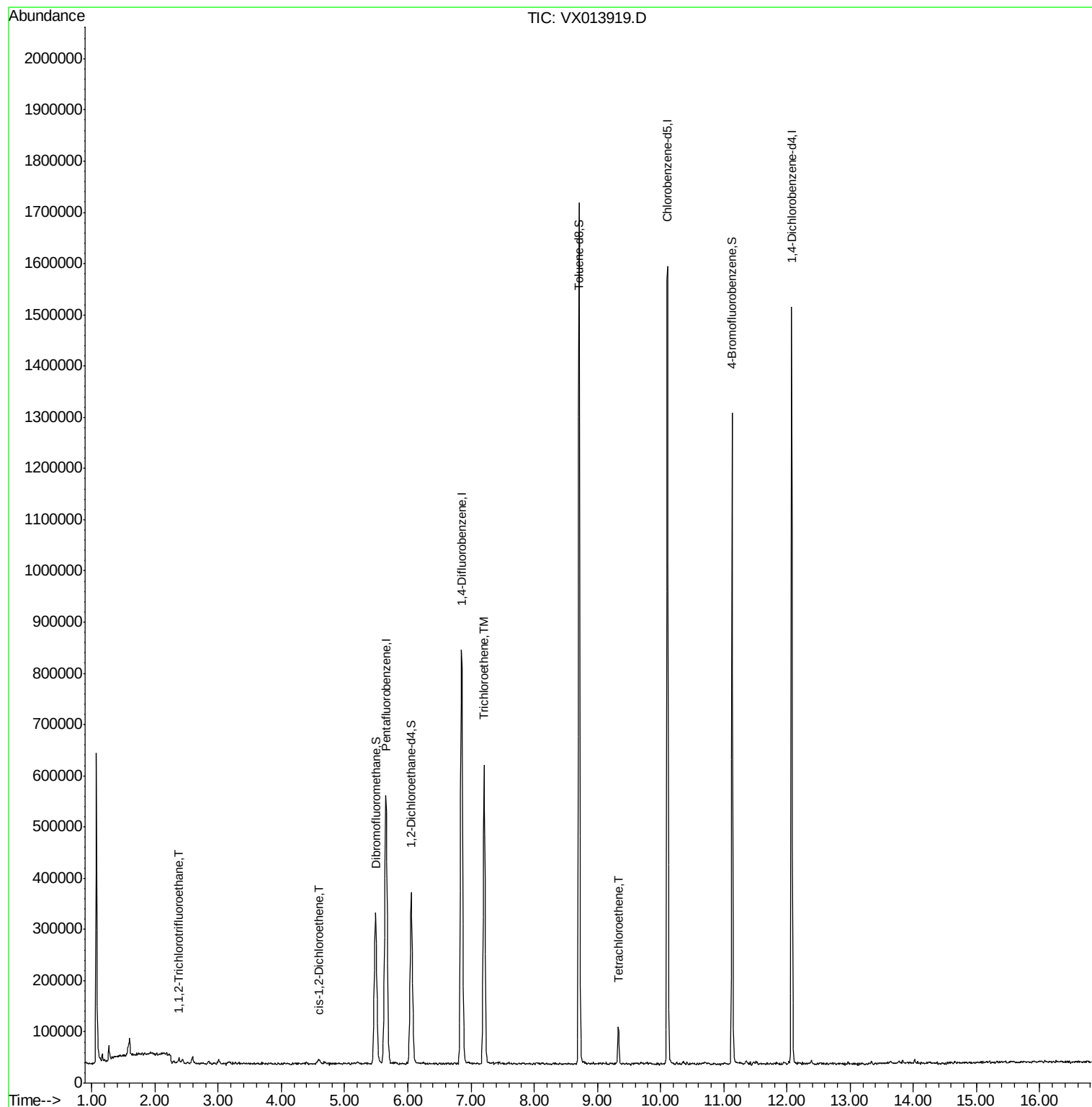
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	552926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	833970	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	749589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	309117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	309194	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
35) Dibromofluoromethane	5.49	113	254525	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	990462	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	328057	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4234	0.803	ug/l	90
27) cis-1,2-Dichloroethene	4.59	96	7382	1.121	ug/l	86
44) Trichloroethene	7.21	130	236965	37.448	ug/l	92
64) Tetrachloroethene	9.33	164	15203	2.720	ug/l	94

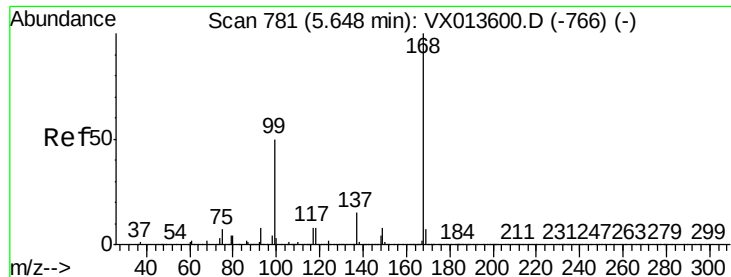
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013919.D

Acq: 11 Dec 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

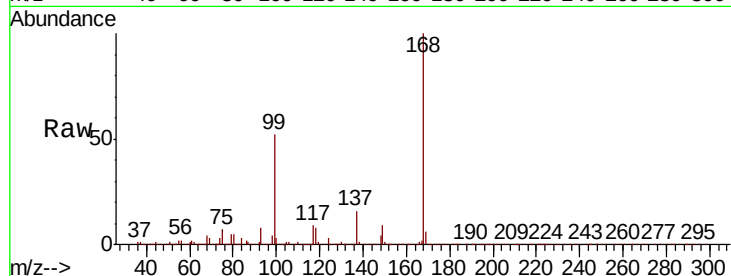
RE131D1-20191205DL

Tot Ion:168 Resp: 552926

Ion Ratio Lower Upper

168 100

99 51.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

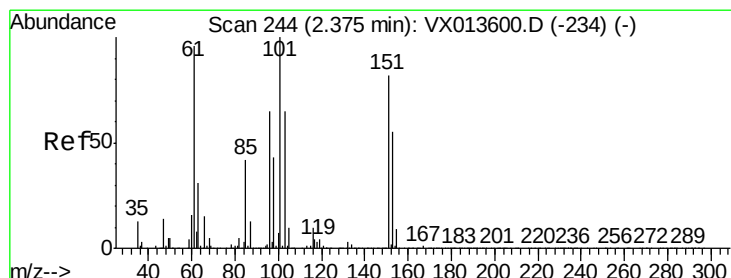
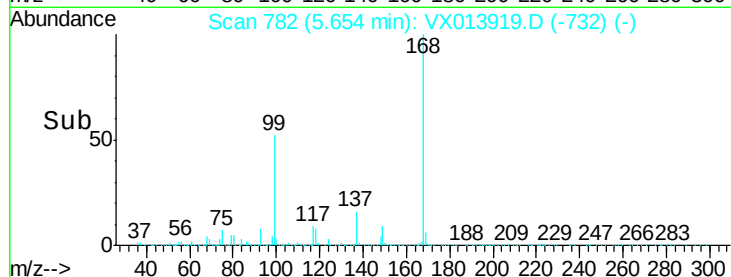
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.803 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013919.D

Acq: 11 Dec 2019 00:10

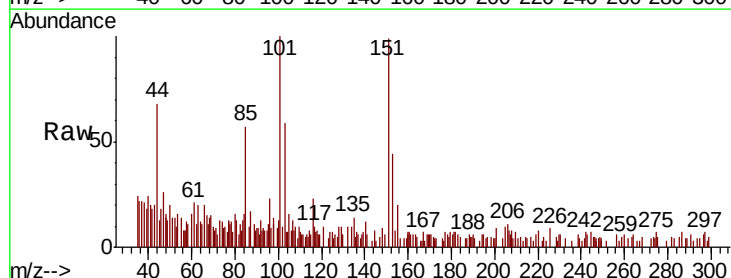
Tgt Ion:101 Resp: 4234

Ion Ratio Lower Upper

101 100

85 42.9 33.9 50.9

151 94.0 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2500

2000

1500

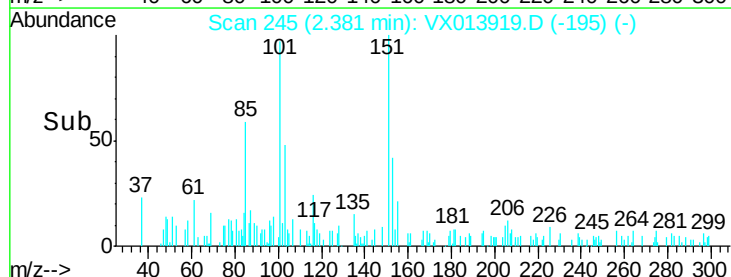
1000

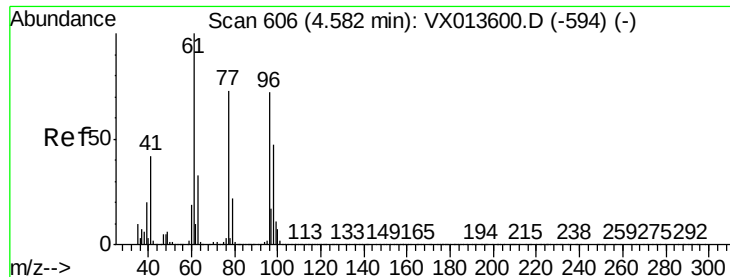
500

0

Time-->

2.30 2.35 2.40 2.45





#27

cis-1,2-Dichloroethene

Concen: 1.121 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX013919.D

Acq: 11 Dec 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20191205DL

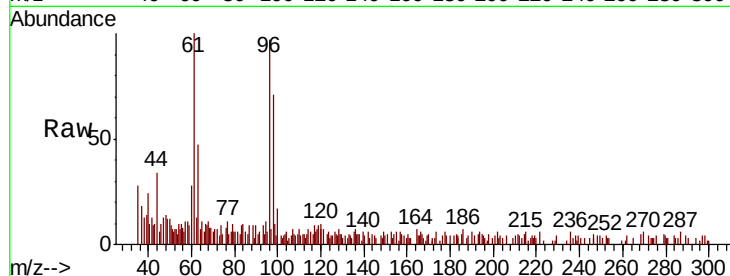
Tot Ion: 96 Resp: 7382

Ion Ratio Lower Upper

96 100

61 120.9 0.0 286.4

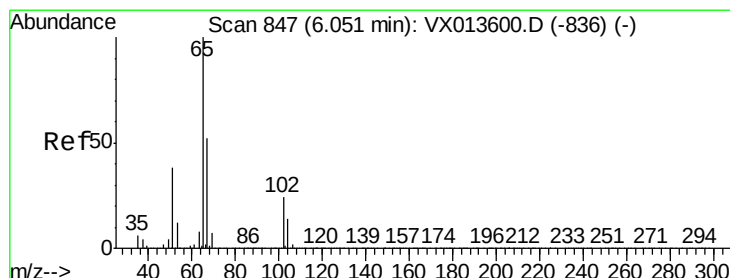
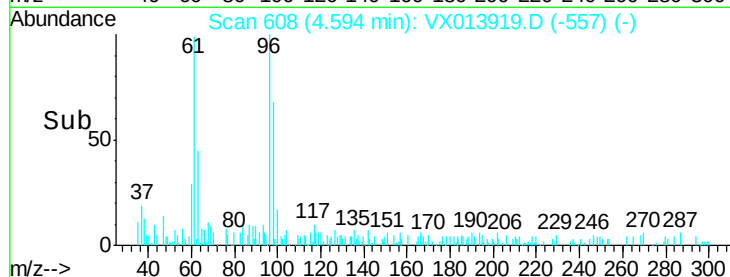
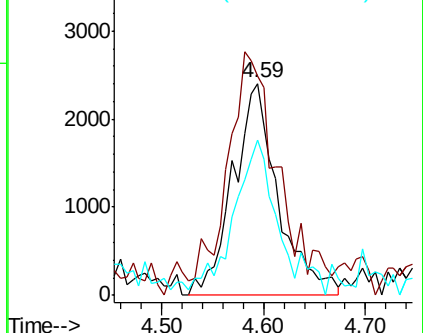
98 60.6 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.174 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013919.D

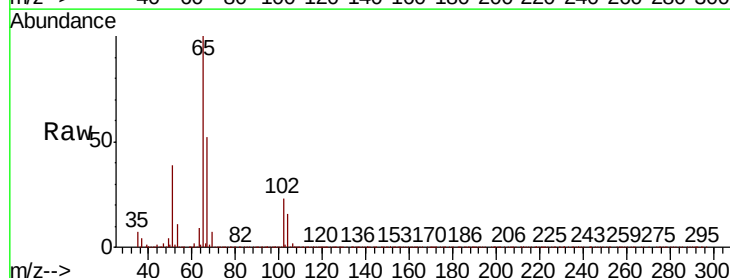
Acq: 11 Dec 2019 00:10

Tgt Ion: 65 Resp: 309194

Ion Ratio Lower Upper

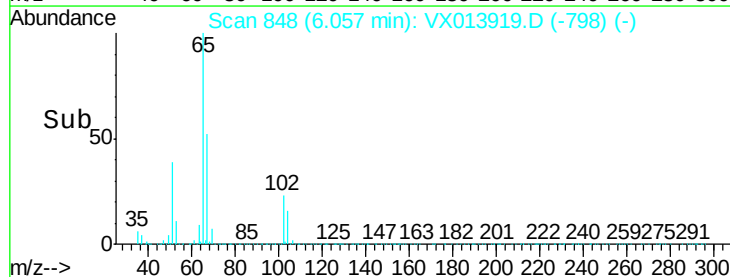
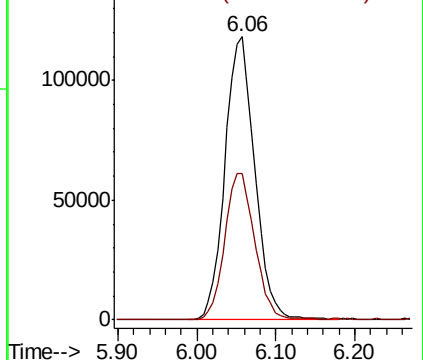
65 100

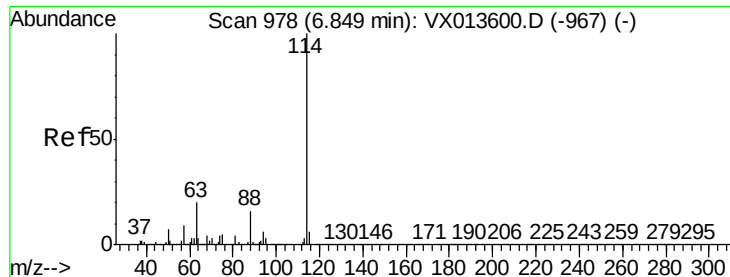
67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

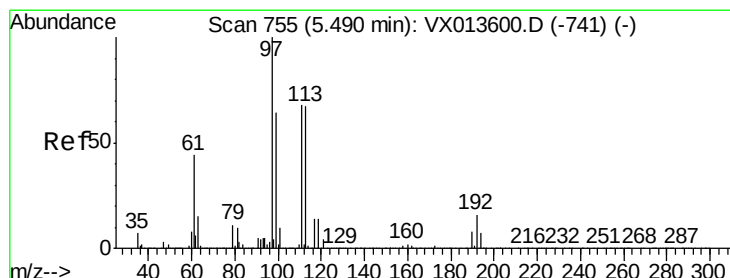
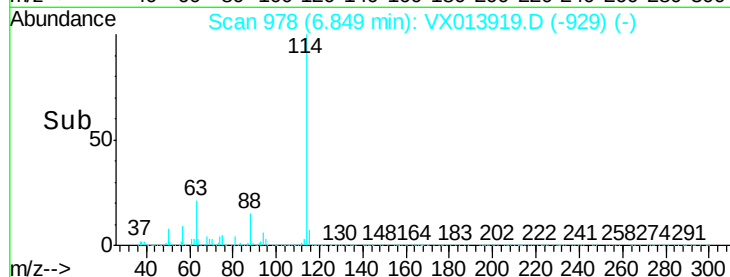
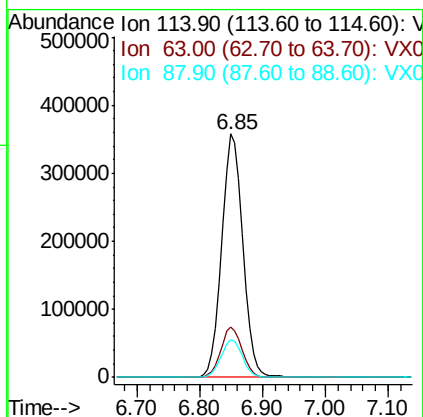
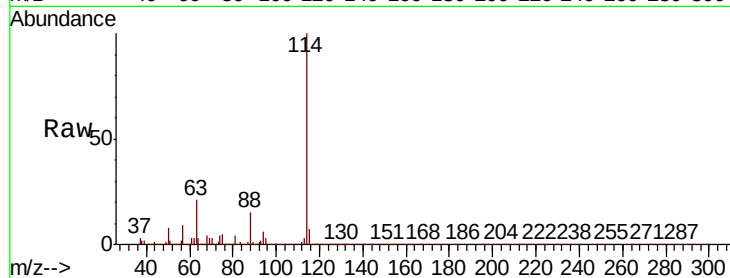




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

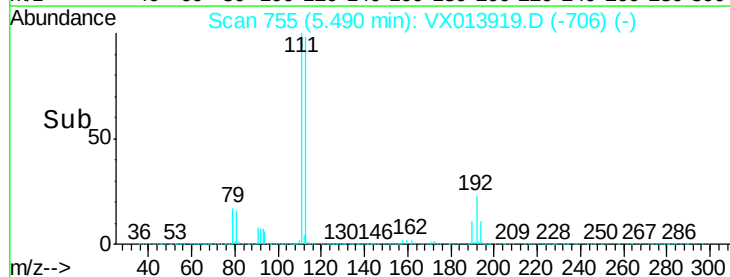
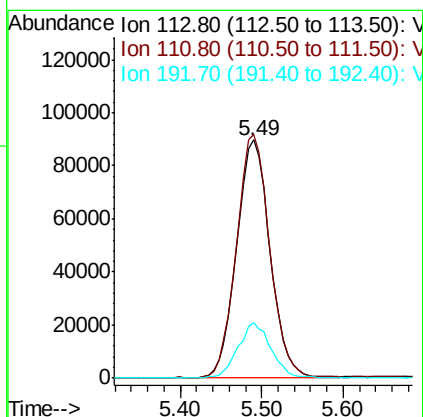
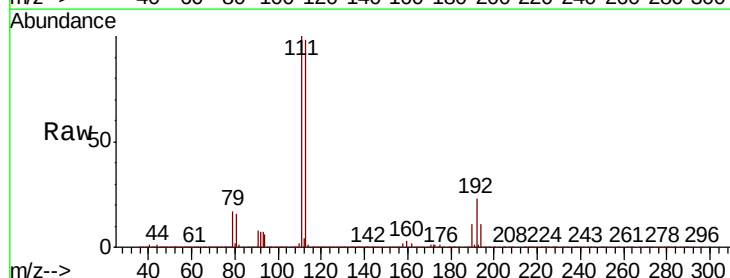
Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

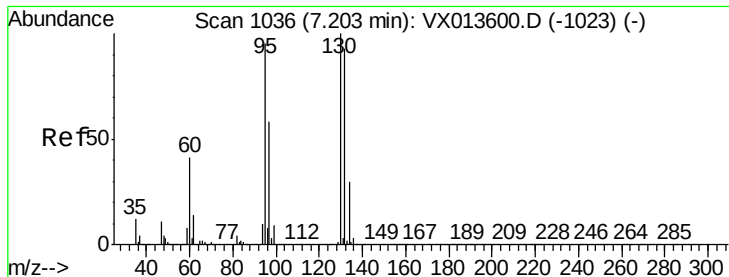
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.6
88	15.5	0.0	31.4



#35
Dibromofluoromethane
Concen: 49.368 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.6	125.4
192	23.2	19.2	28.8





#44

Trichloroethene

Concen: 37.448 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013919.D

Acq: 11 Dec 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

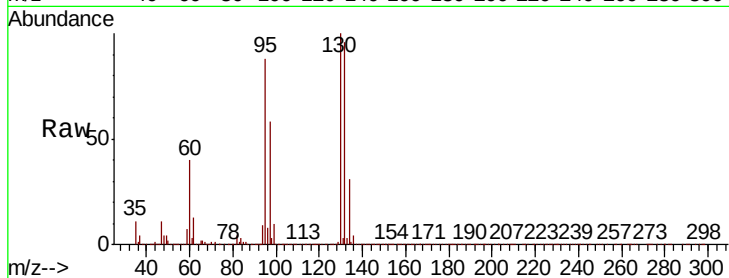
RE131D1-20191205DL

Tot Ion:130 Resp: 236965

Ion Ratio Lower Upper

130 100

95 88.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

120000

100000

80000

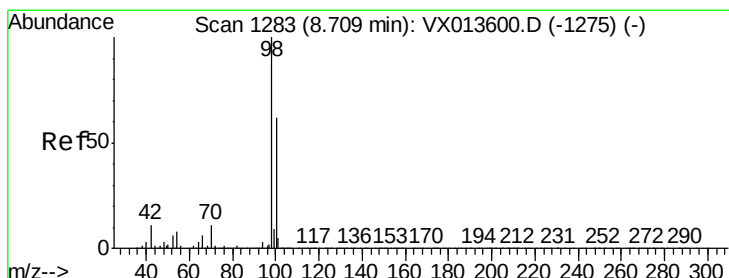
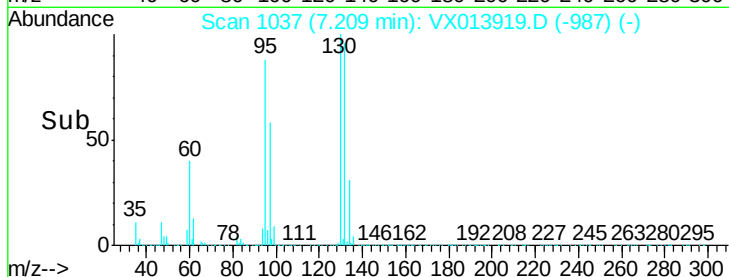
60000

40000

20000

0

Time--> 7.10 7.20 7.30



#50

Toluene-d8

Concen: 49.308 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013919.D

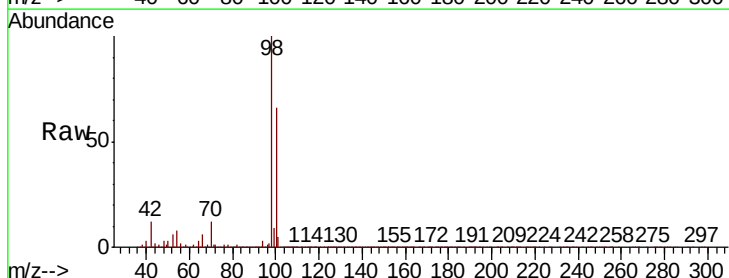
Acq: 11 Dec 2019 00:10

Tgt Ion: 98 Resp: 990462

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

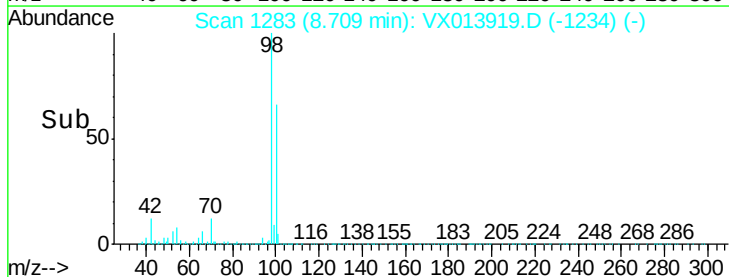
600000

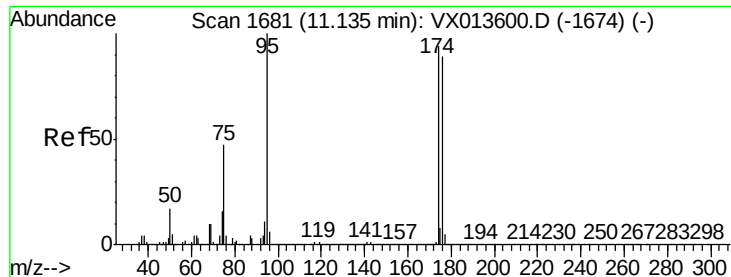
400000

200000

0

Time--> 8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 45.290 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013919.D

Acq: 11 Dec 2019 00:10

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20191205DL

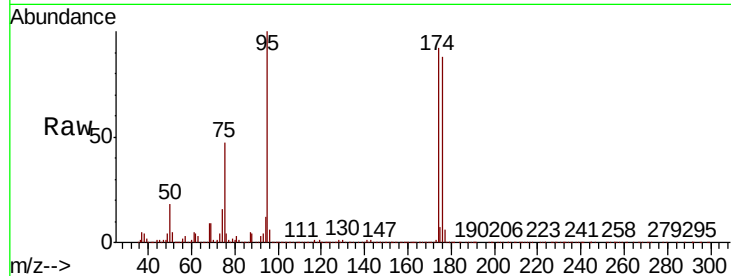
Tot Ion: 95 Resp: 328057

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.0

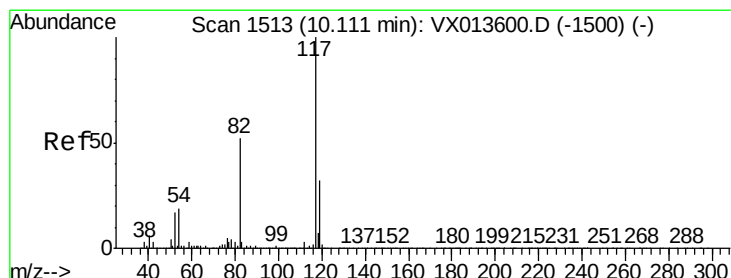
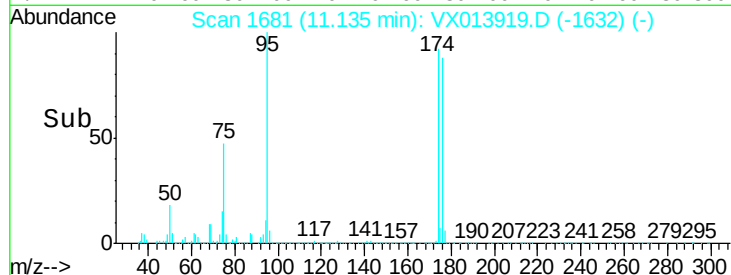
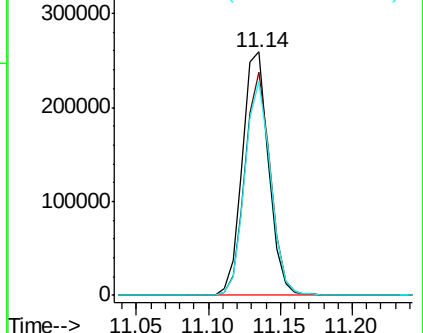
176 85.9 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013919.D

Acq: 11 Dec 2019 00:10

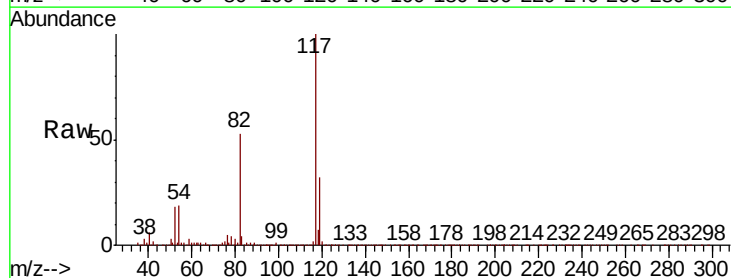
Tgt Ion: 117 Resp: 749589

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

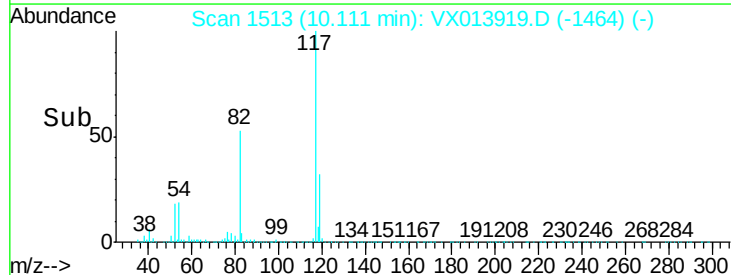
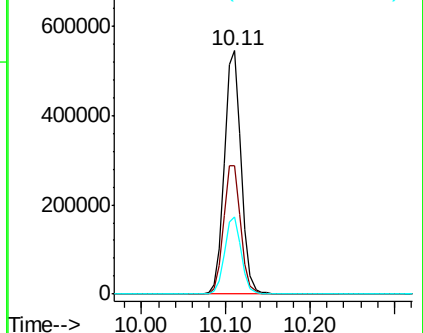
119 31.7 25.8 38.8

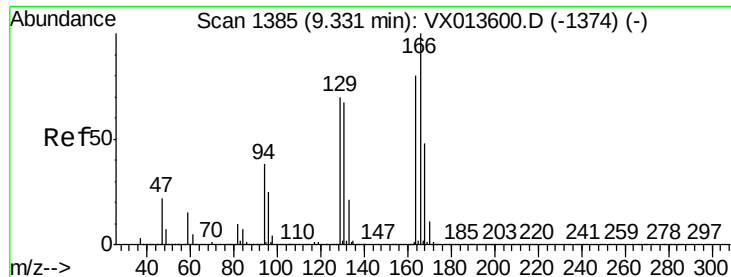


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

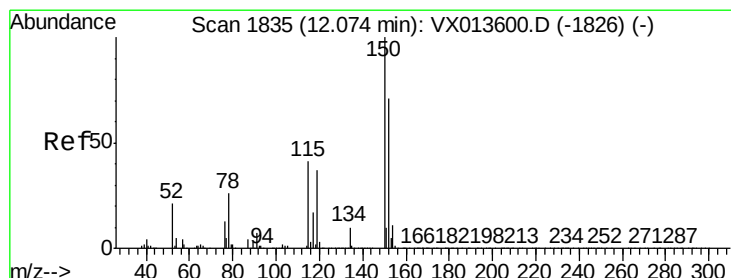
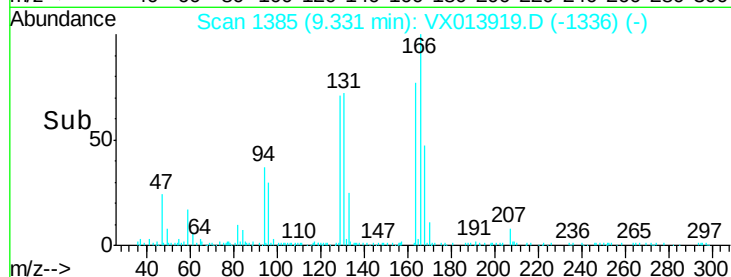
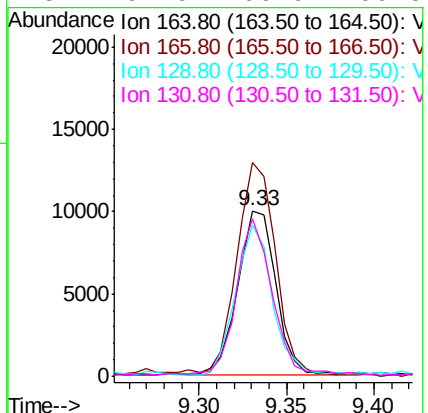
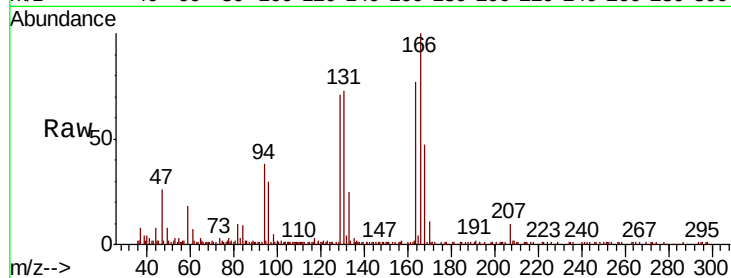




#64
Tetrachloroethene
Concen: 2.720 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20191205DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.0	99.7	149.5
129	91.7	70.1	105.1
131	94.0	66.9	100.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013919.D
Acq: 11 Dec 2019 00:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	38.4	115.1
150	157.6	0.0	346.8

