

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013854.D
 Acq On : 09 Dec 2019 16:10
 Operator : JC/SP
 Sample : K6184-14DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20191203DL

Quant Time: Dec 10 04:14:24 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

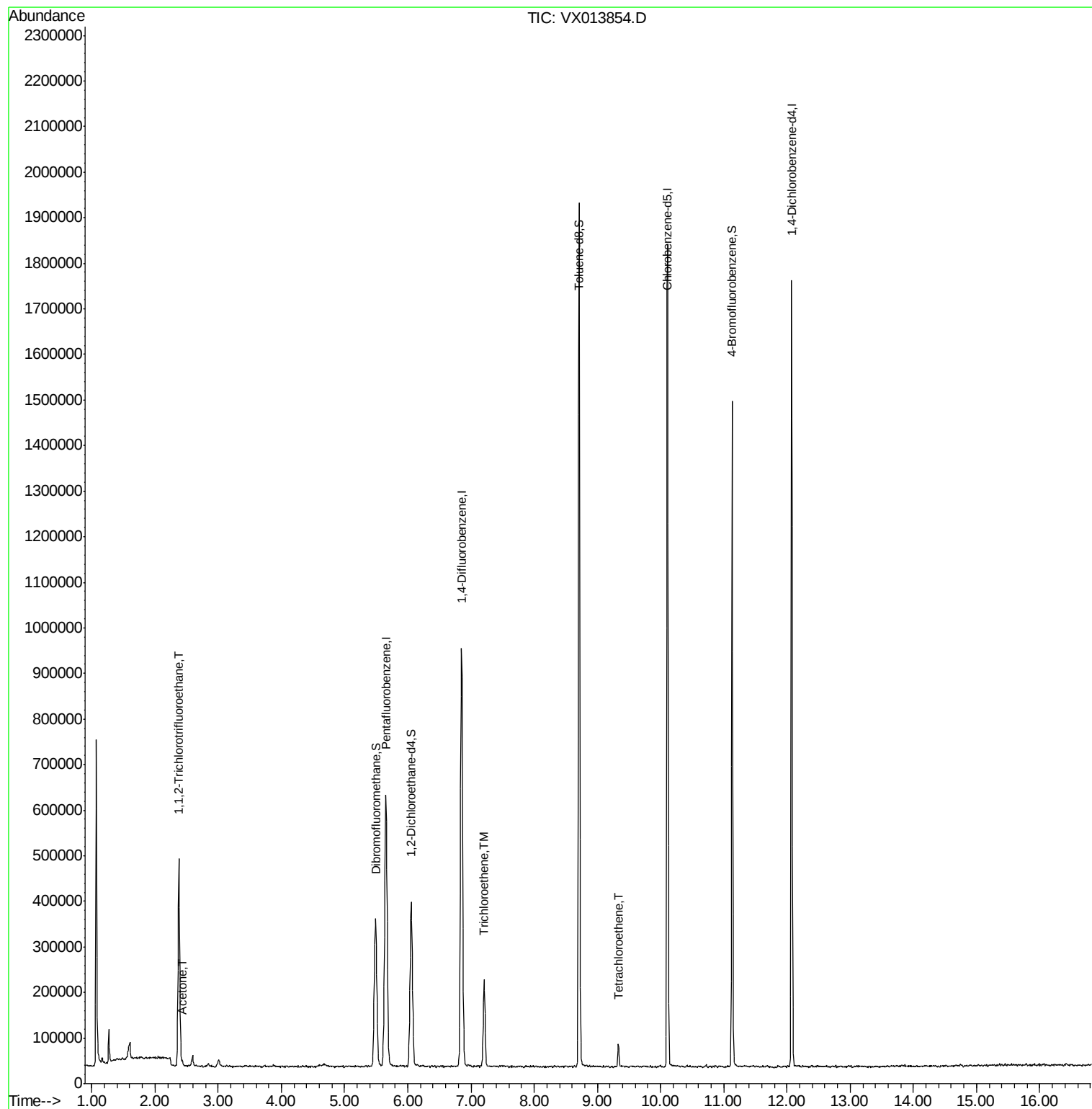
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	621660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	946395	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	854039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	362986	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	344501	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
35) Dibromofluoromethane	5.49	113	281271	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1119404	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	369348	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	185280	31.260	ug/l	98
16) Acetone	2.43	43	11051	3.102	ug/l #	83
44) Trichloroethene	7.21	130	76063	10.592	ug/l	98
64) Tetrachloroethene	9.33	164	10893	1.710	ug/l	95

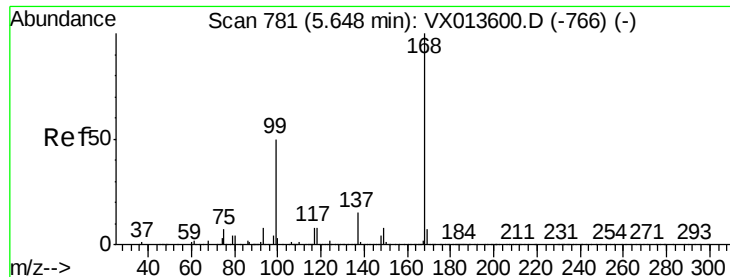
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX013854.D

Acq: 09 Dec 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

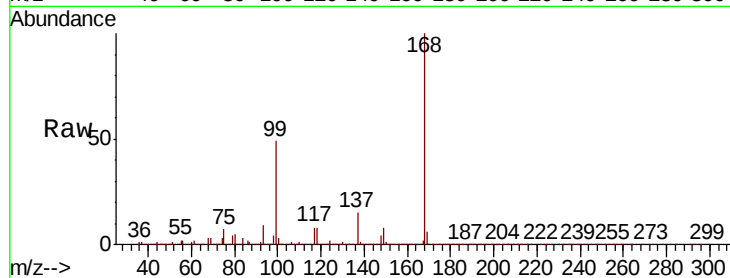
RE122D2-20191203DL

Tot Ion:168 Resp: 621660

Ion Ratio Lower Upper

168 100

99 49.2 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

250000

200000

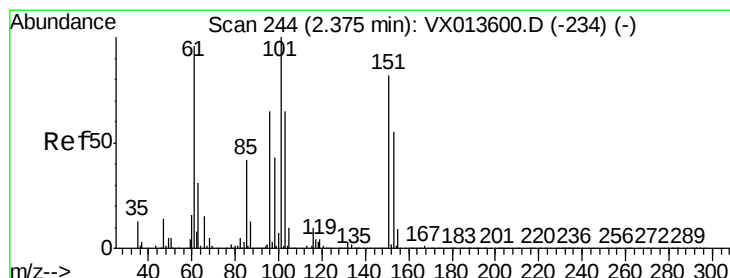
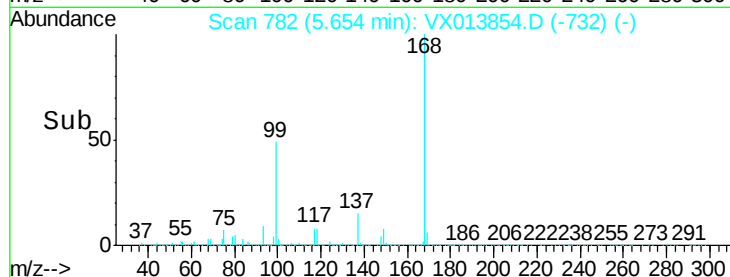
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 31.260 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX013854.D

Acq: 09 Dec 2019 16:10

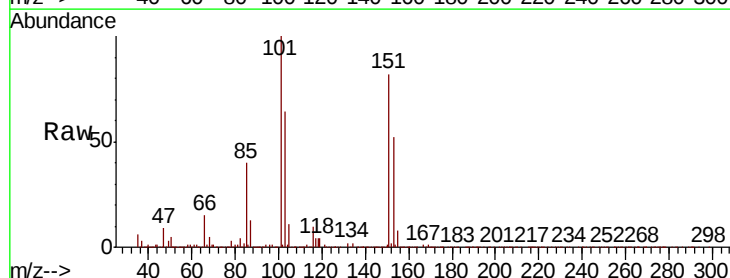
Tgt Ion:101 Resp: 185280

Ion Ratio Lower Upper

101 100

85 41.5 33.9 50.9

151 82.5 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

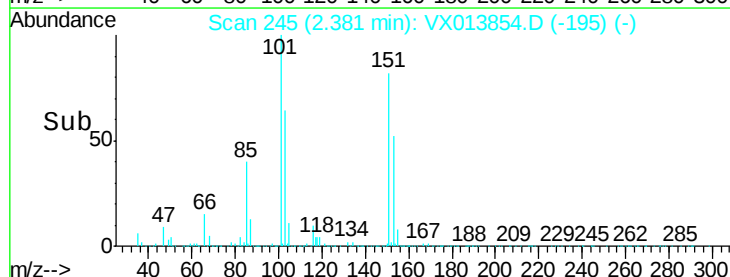
Ion 150.80 (150.50 to 151.50): V

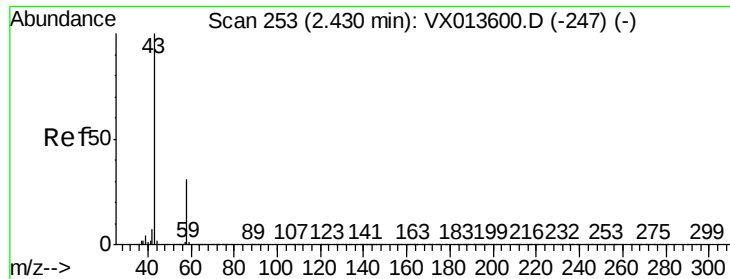
100000

50000

0

Time-->

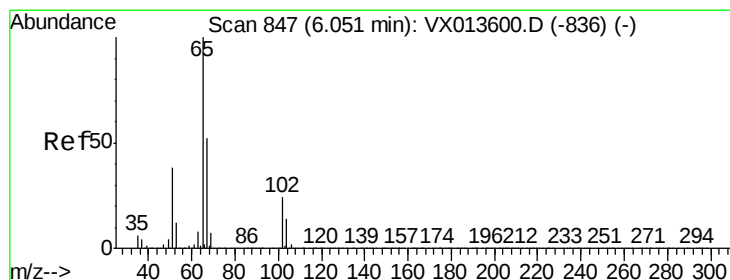
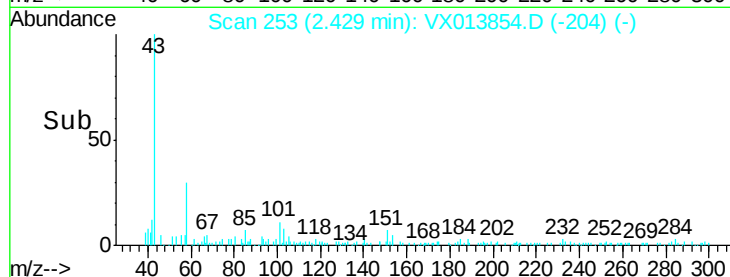
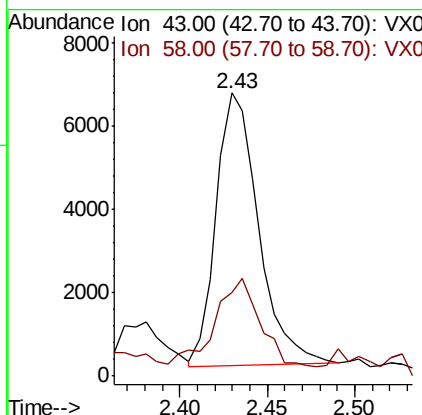
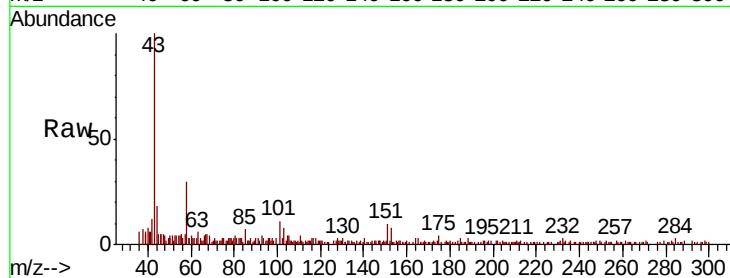




#16
Acetone
Concen: 3.102 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013854.D
Acq: 09 Dec 2019 16:10

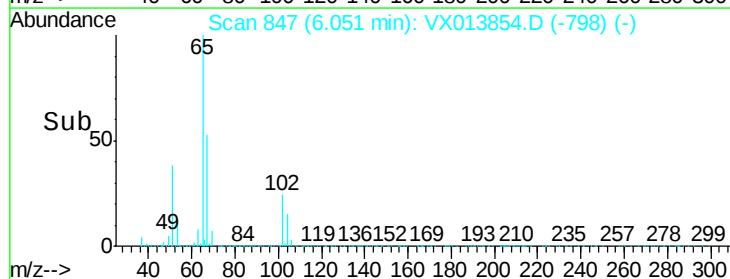
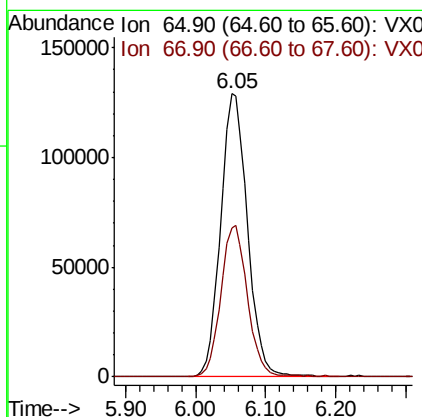
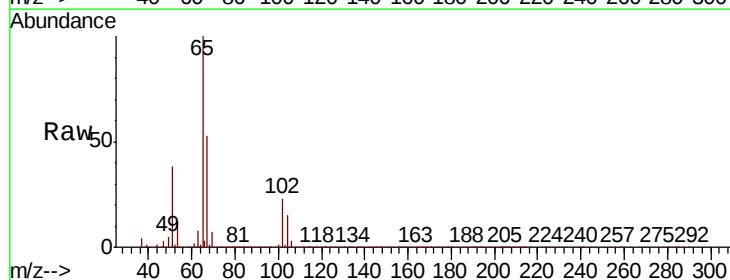
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20191203DL

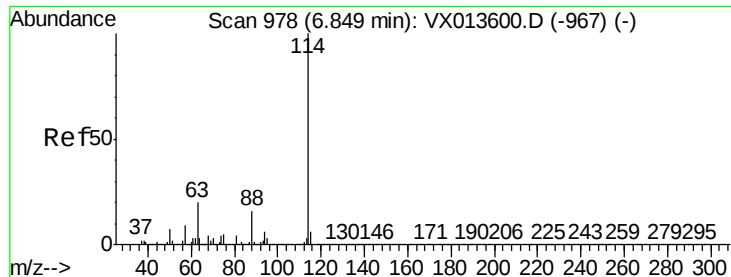
Tot Ion: 43 Resp: 11051
Ion Ratio Lower Upper
43 100
58 21.1 24.6 36.8#



#33
1,2-Dichloroethane-d4
Concen: 47.741 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013854.D
Acq: 09 Dec 2019 16:10

Tgt Ion: 65 Resp: 344501
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013854.D

Acq: 09 Dec 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20191203DL

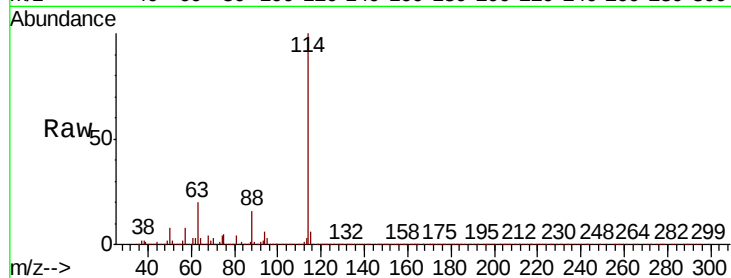
Tot Ion:114 Resp: 946395

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

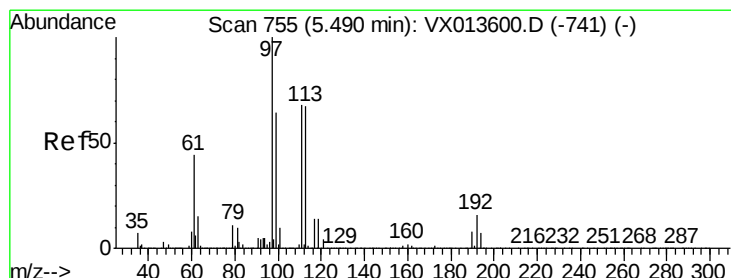
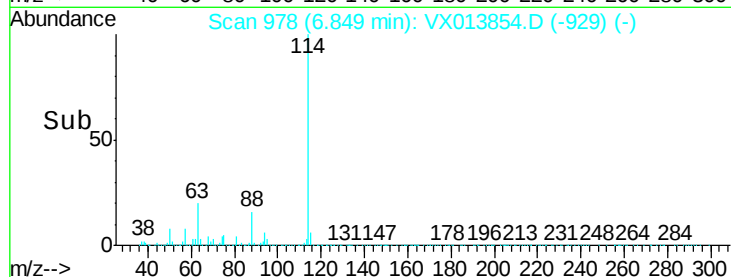
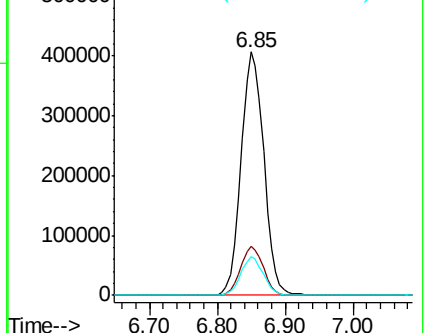
88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.075 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013854.D

Acq: 09 Dec 2019 16:10

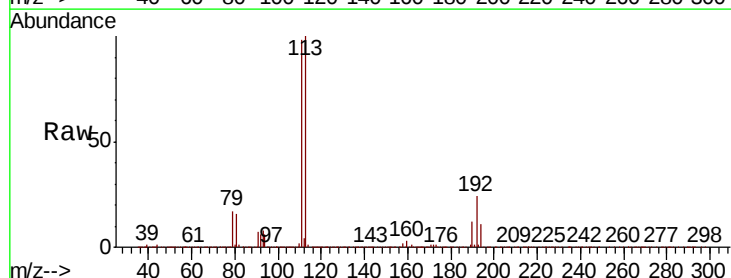
Tgt Ion:113 Resp: 281271

Ion Ratio Lower Upper

113 100

111 104.3 83.6 125.4

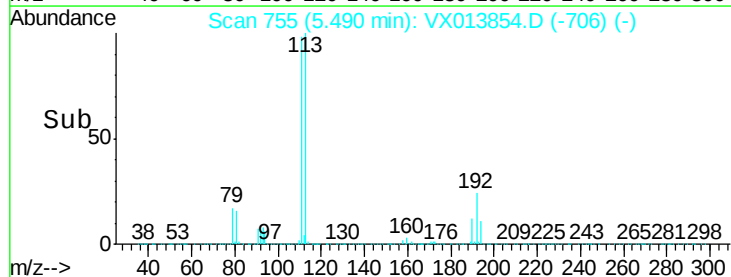
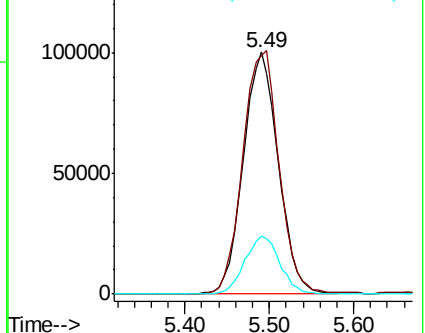
192 24.0 19.2 28.8

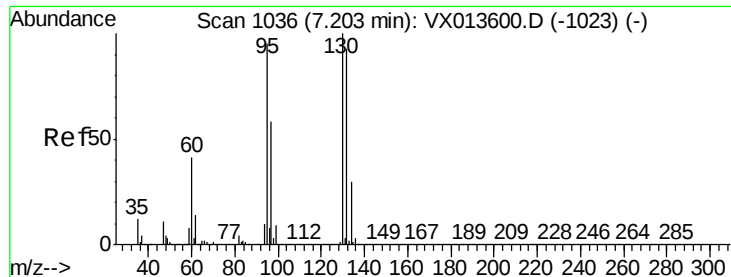


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 10.592 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013854.D

Acq: 09 Dec 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

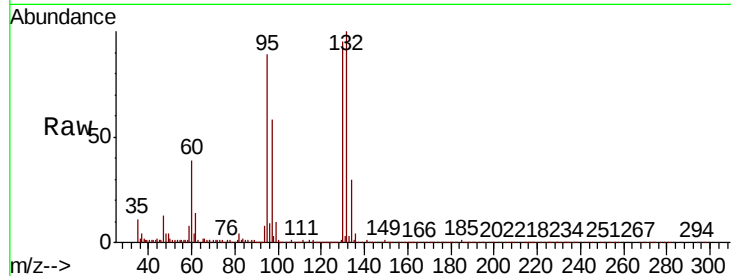
RE122D2-20191203DL

Tot Ion:130 Resp: 76063

Ion Ratio Lower Upper

130 100

95 93.1 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

40000

30000

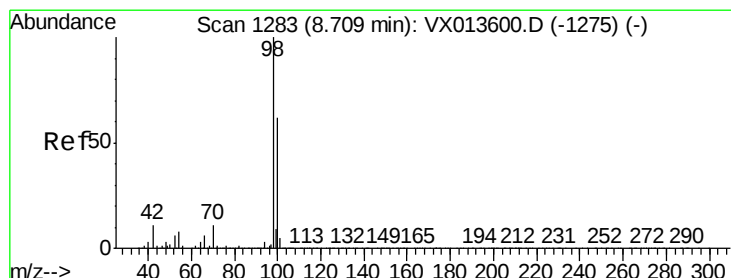
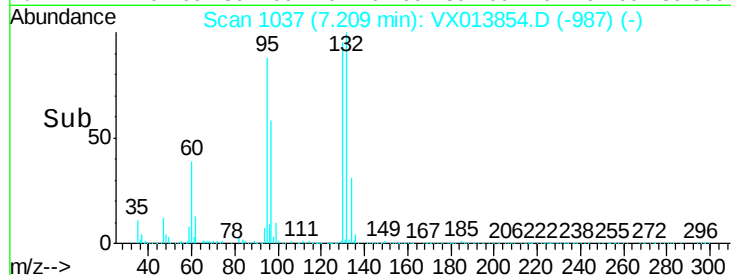
20000

10000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 49.107 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013854.D

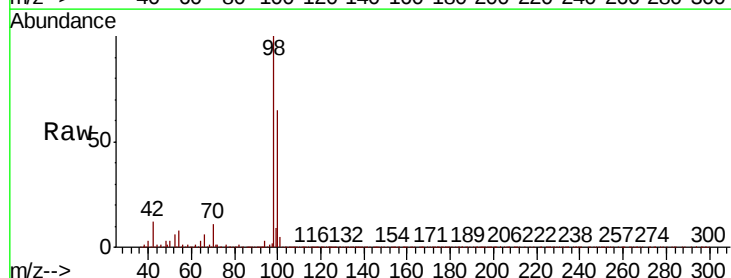
Acq: 09 Dec 2019 16:10

Tgt Ion: 98 Resp: 1119404

Ion Ratio Lower Upper

98 100

100 66.1 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

800000

600000

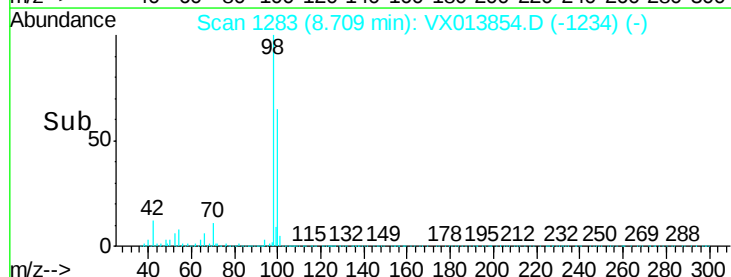
400000

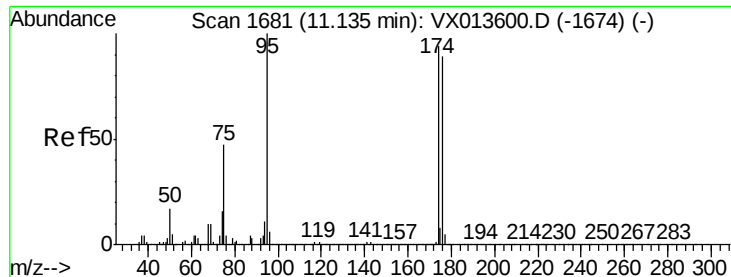
200000

0

Time-->

8.60 8.70 8.80





#62

4-Bromofluorobenzene

Concen: 44.933 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013854.D

Acq: 09 Dec 2019 16:10

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20191203DL

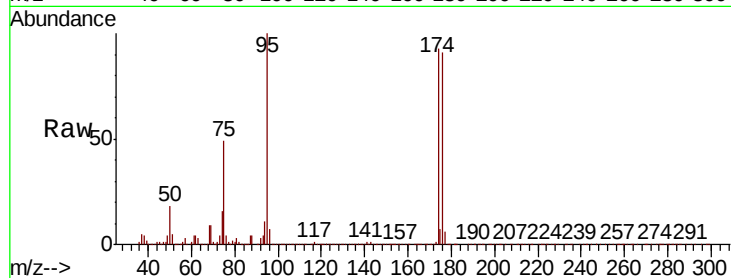
Tot Ion: 95 Resp: 369348

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

176 87.8 0.0 173.6

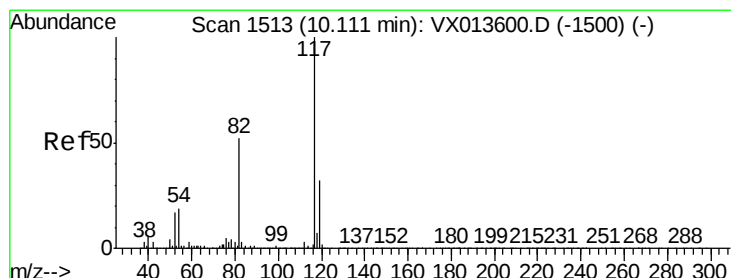
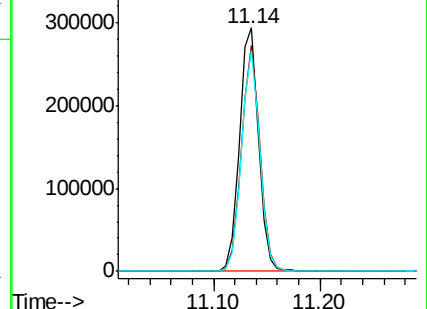
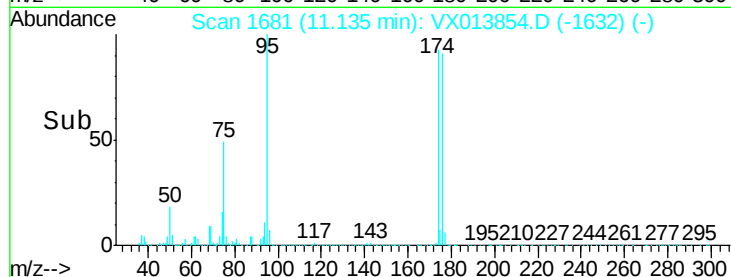


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013854.D

Acq: 09 Dec 2019 16:10

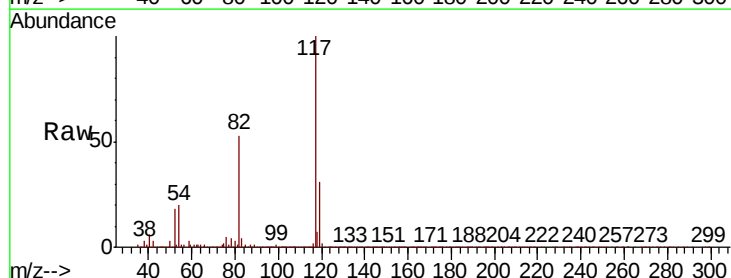
Tgt Ion: 117 Resp: 854039

Ion Ratio Lower Upper

117 100

82 52.8 41.8 62.8

119 31.3 25.8 38.8

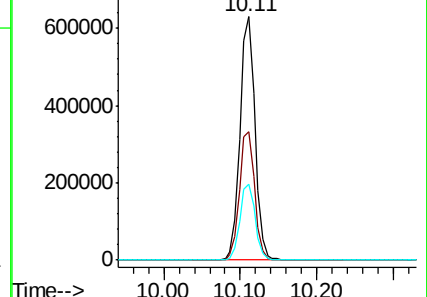
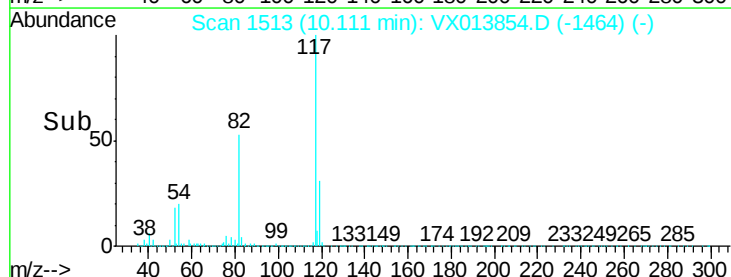


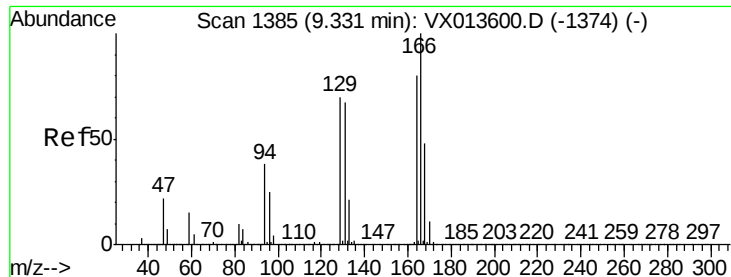
Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time-->

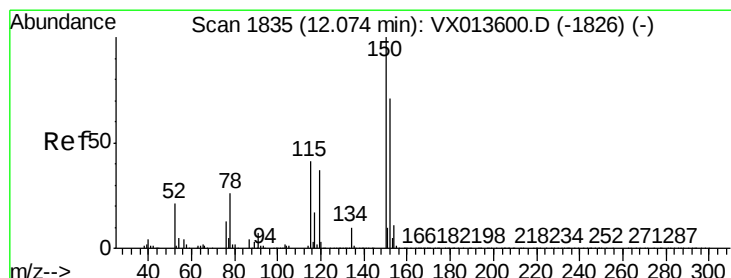
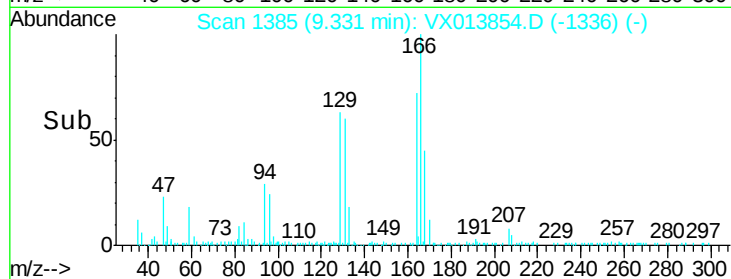
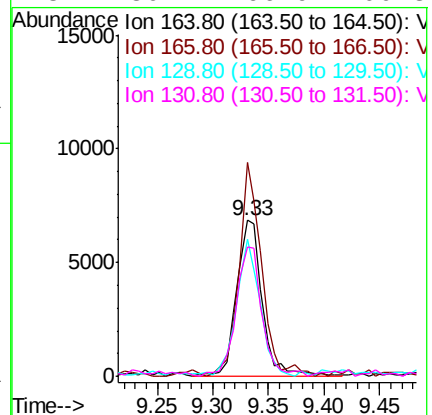
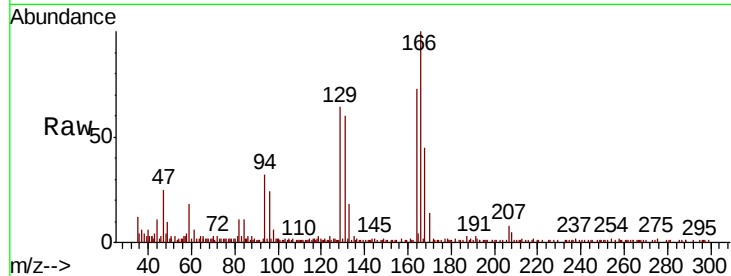




#64
Tetrachloroethene
Concen: 1.710 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013854.D
Acq: 09 Dec 2019 16:10

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20191203DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.2	99.7	149.5
129	86.5	70.1	105.1
131	80.4	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: VX013854.D
Acq: 09 Dec 2019 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	38.4	115.1
150	156.9	0.0	346.8

