

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014043.D
 Acq On : 16 Dec 2019 18:20
 Operator : JC/SP
 Sample : K6251-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20191206

Quant Time: Dec 17 05:33:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

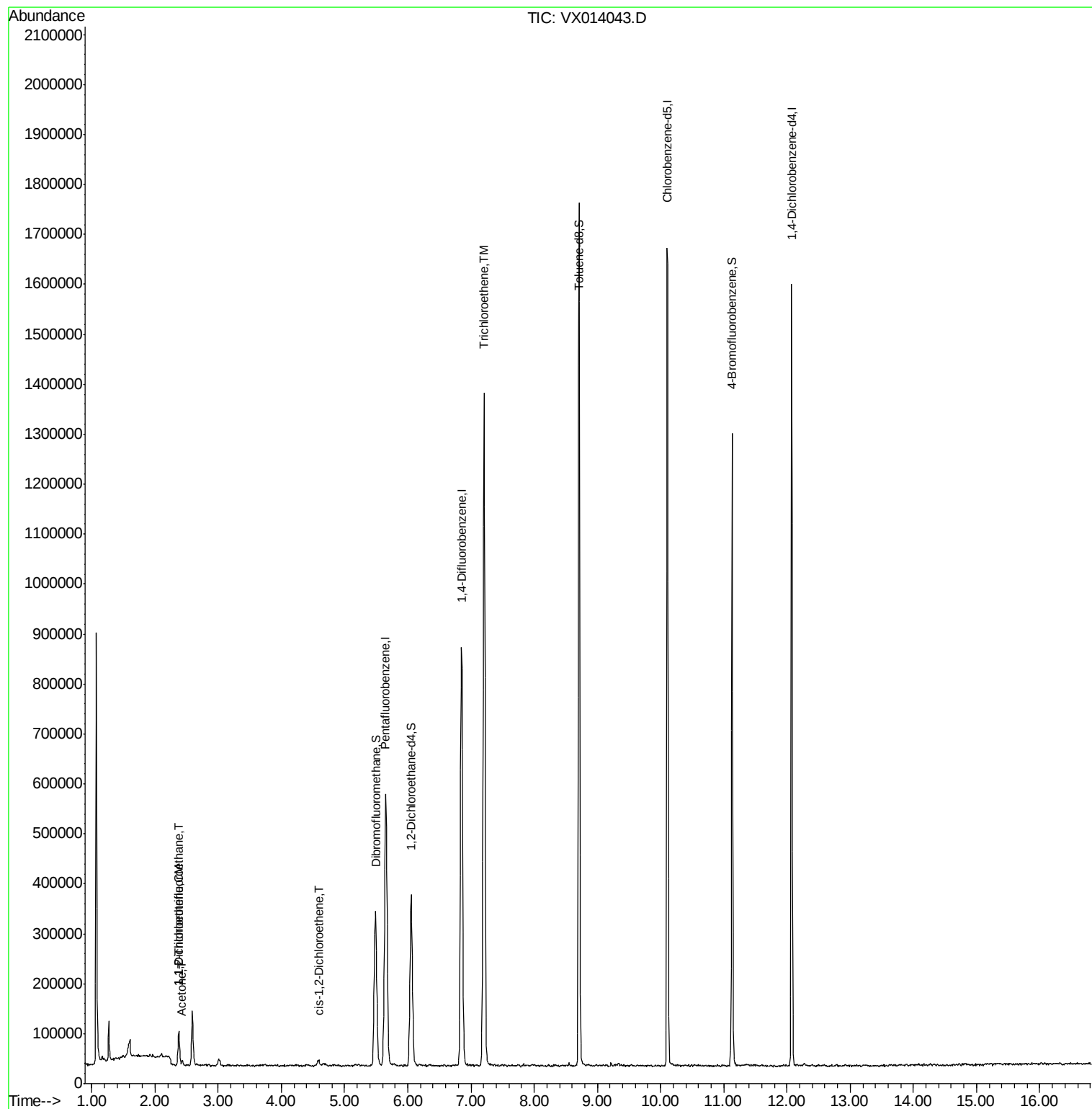
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	567781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	873510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	771740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327373	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	319410	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
35) Dibromofluoromethane	5.49	113	262160	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	1034178	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	336322	44.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27348	5.095	ug/l	97
12) 1,1-Dichloroethene	2.37	96	3725	0.682	ug/l	90
16) Acetone	2.43	43	10929	2.616	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	8326	1.224	ug/l	79
44) Trichloroethene	7.20	130	548165	80.475	ug/l	99

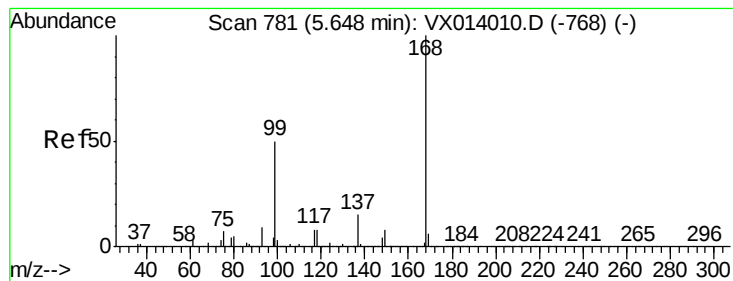
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 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: VX014043.D

Acq: 16 Dec 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

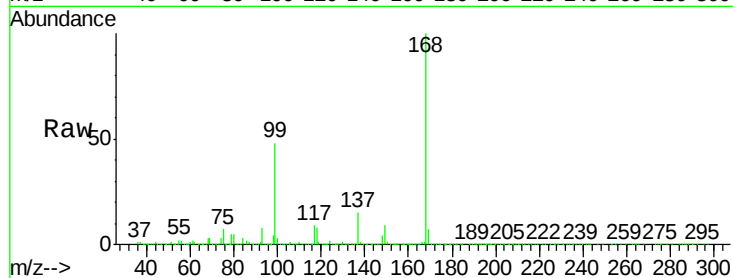
RE105D1-20191206

Tot Ion:168 Resp: 567781

Ion Ratio Lower Upper

168 100

99 47.9 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

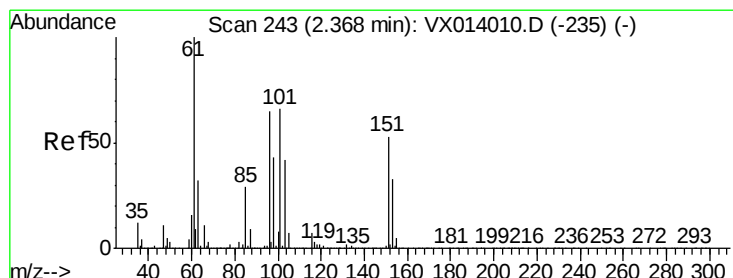
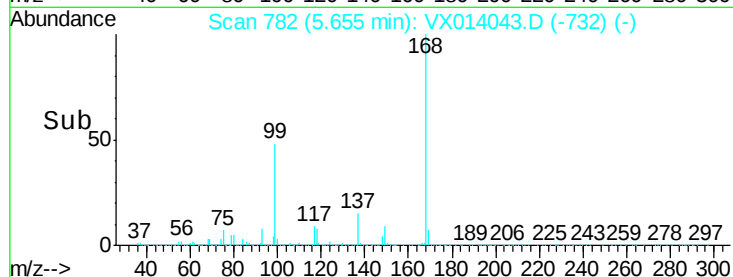
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.095 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014043.D

Acq: 16 Dec 2019 18:20

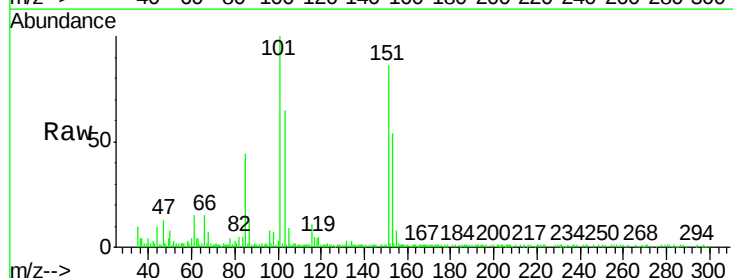
Tgt Ion:101 Resp: 27348

Ion Ratio Lower Upper

101 100

85 44.5 33.7 50.5

151 82.4 64.5 96.7



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

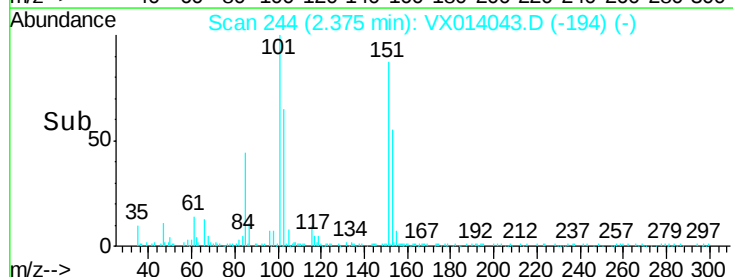
15000

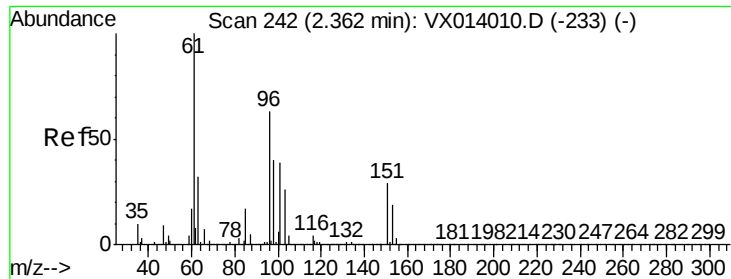
10000

5000

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.682 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014043.D

Acq: 16 Dec 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20191206

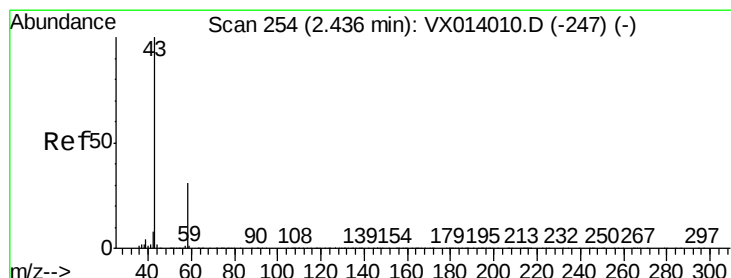
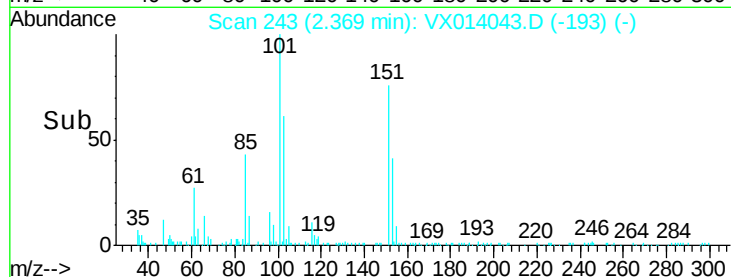
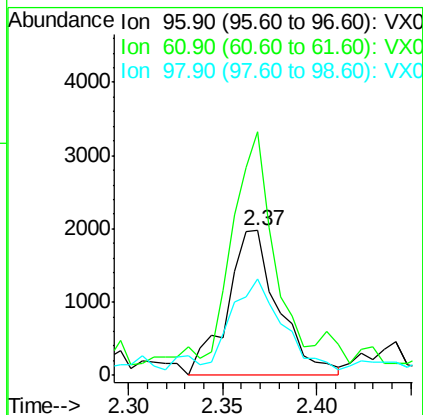
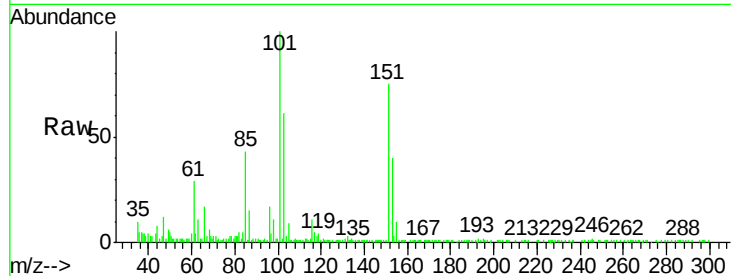
Tot Ion: 96 Resp: 3725

Ion Ratio Lower Upper

96 100

61 148.6 127.9 191.9

98 53.3 50.5 75.7



#16

Acetone

Concen: 2.616 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014043.D

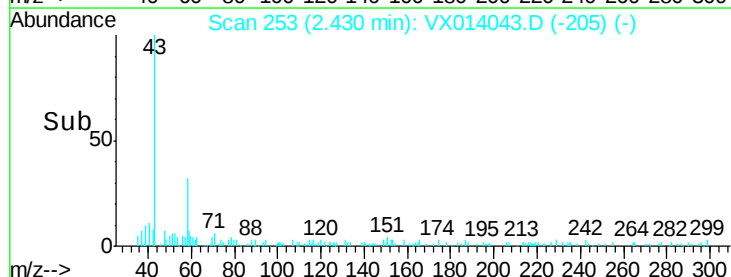
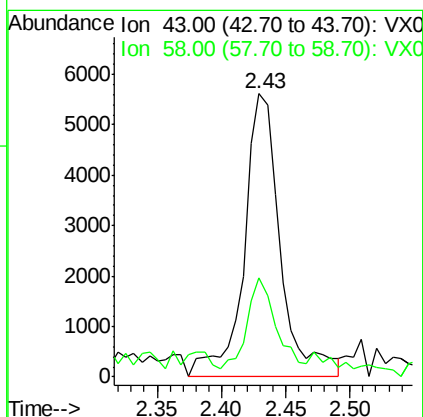
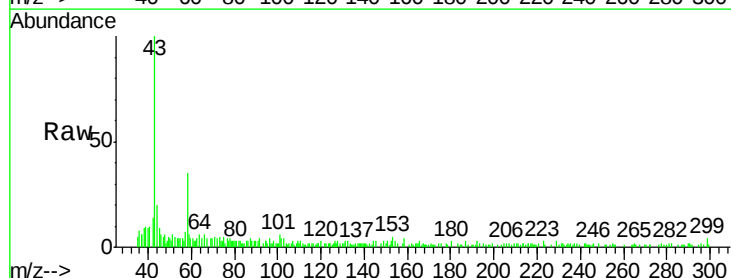
Acq: 16 Dec 2019 18:20

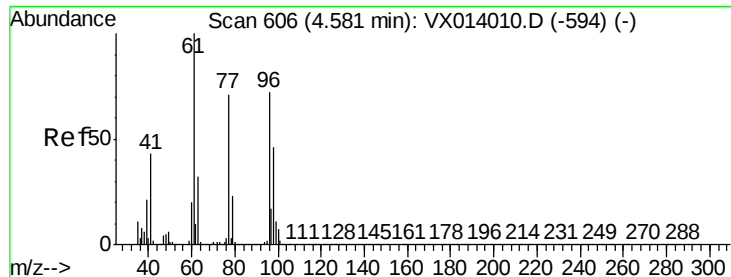
Tgt Ion: 43 Resp: 10929

Ion Ratio Lower Upper

43 100

58 31.7 24.9 37.3



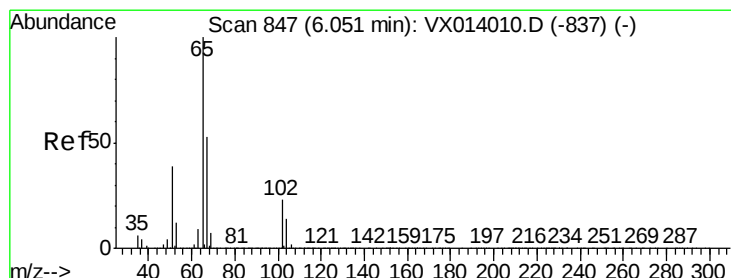
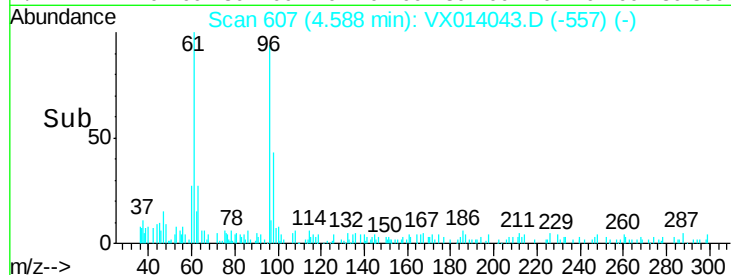
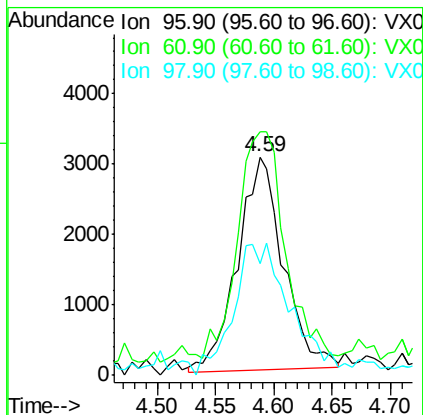
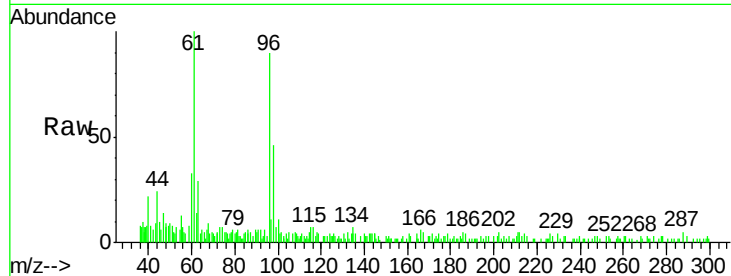


#27

cis-1,2-Dichloroethene
Concen: 1.224 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20191206

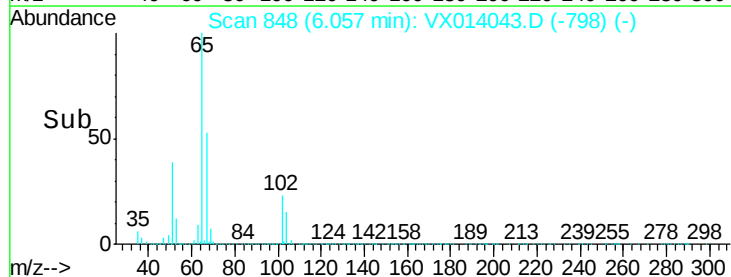
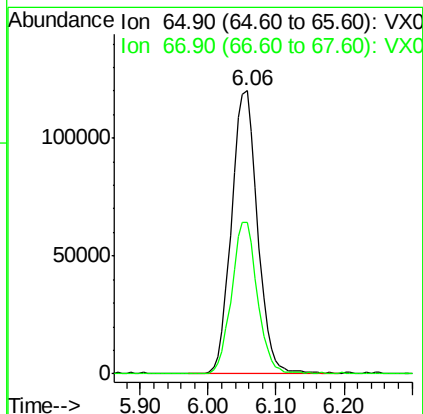
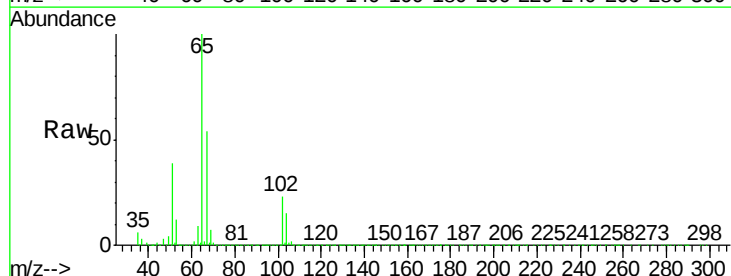
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.1	0.0	288.4
98	77.5	0.0	129.6

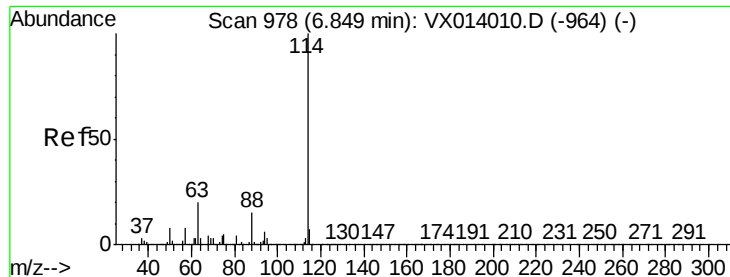


#33

1,2-Dichloroethane-d4
Concen: 49.636 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014043.D
Acq: 16 Dec 2019 18:20

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014043.D

Acq: 16 Dec 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20191206

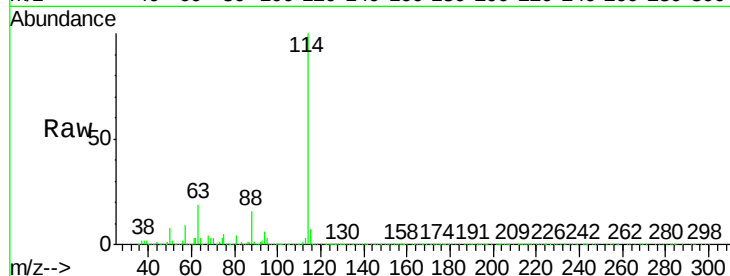
Tot Ion:114 Resp: 873510

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

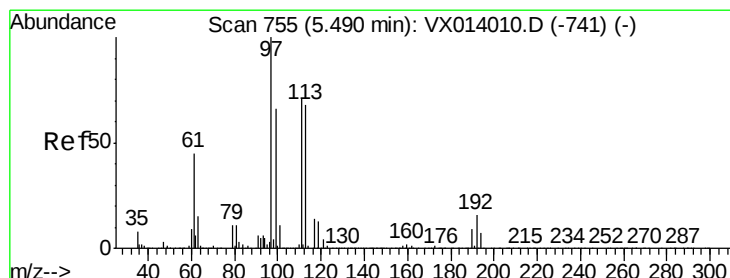
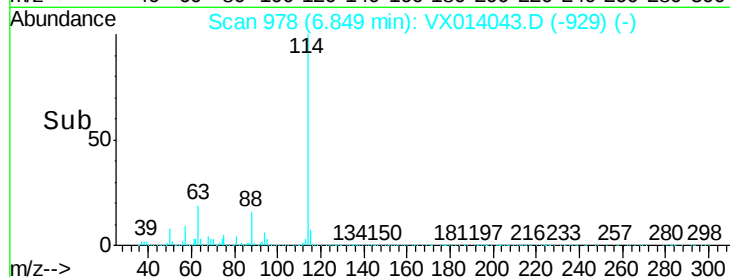
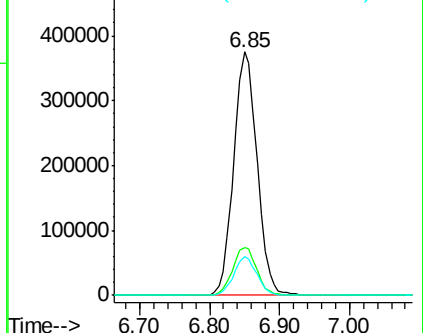
88 16.1 0.0 30.4



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: 49.371 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014043.D

Acq: 16 Dec 2019 18:20

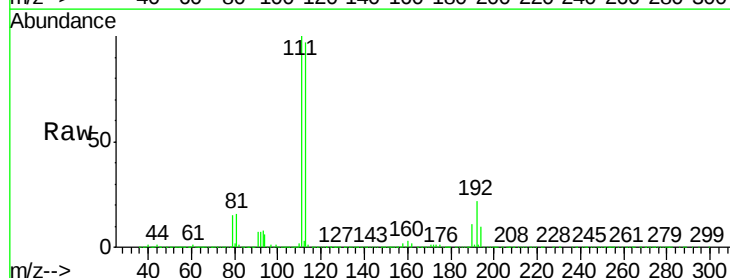
Tgt Ion:113 Resp: 262160

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

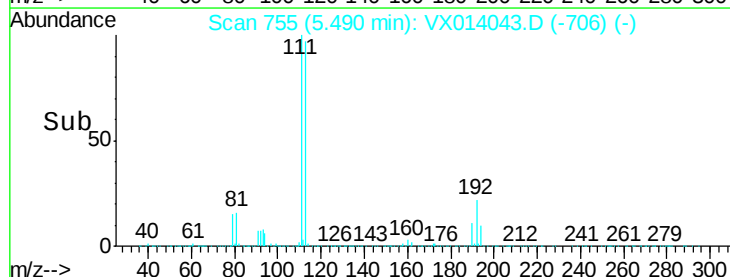
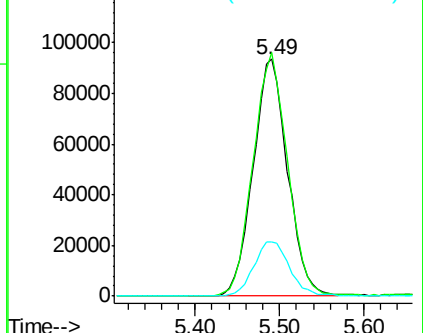
192 24.0 19.3 28.9

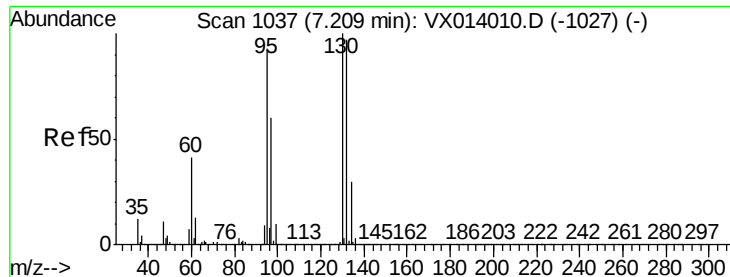


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 80.475 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014043.D

Acq: 16 Dec 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

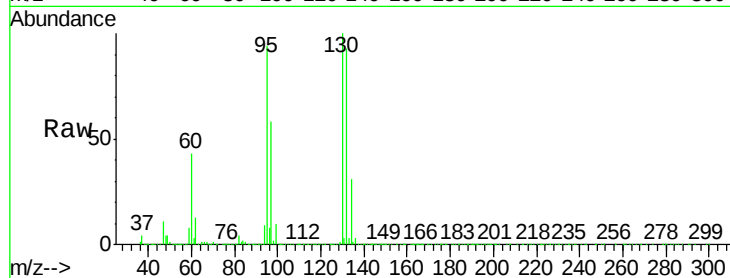
RE105D1-20191206

Tot Ion:130 Resp: 548165

Ion Ratio Lower Upper

130 100

95 93.5 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

250000

200000

150000

100000

50000

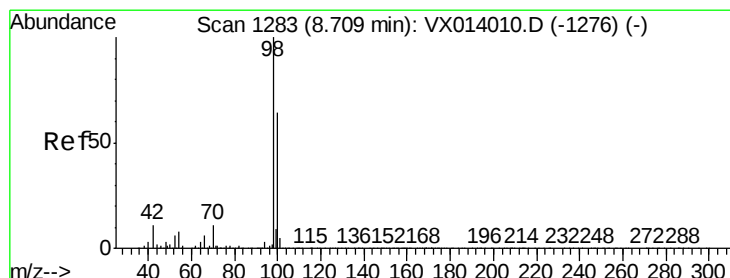
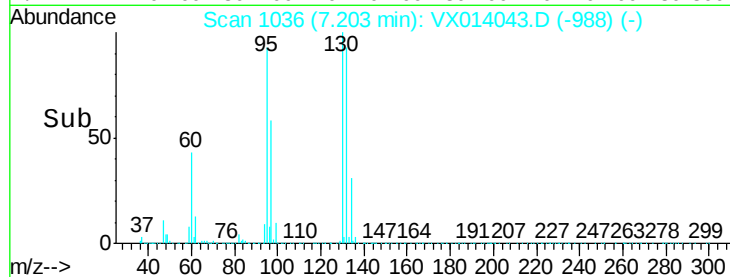
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Time-->

7.10

7.20

7.30



#50

Toluene-d8

Concen: 50.025 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014043.D

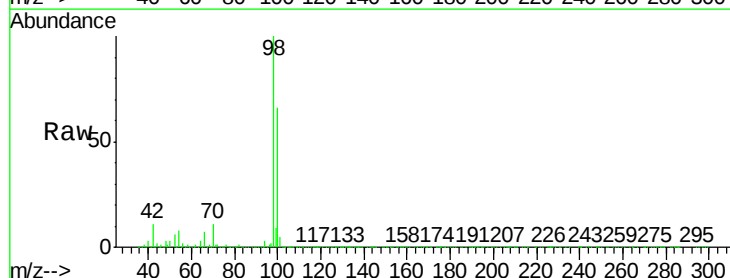
Acq: 16 Dec 2019 18:20

Tgt Ion: 98 Resp: 1034178

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

800000

600000

400000

200000

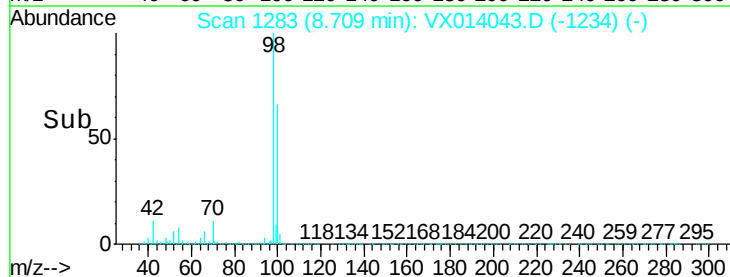
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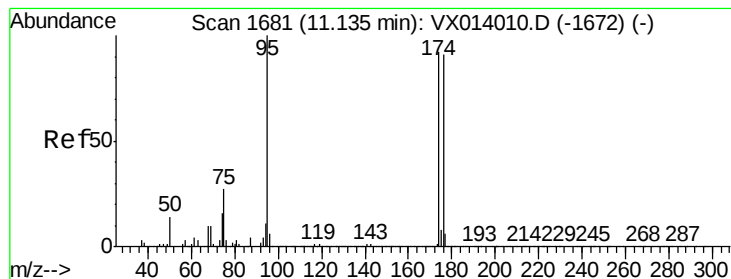
Time-->

8.60

8.70

8.80





#62

4-Bromofluorobenzene

Concen: 44.505 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014043.D

Acq: 16 Dec 2019 18:20

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20191206

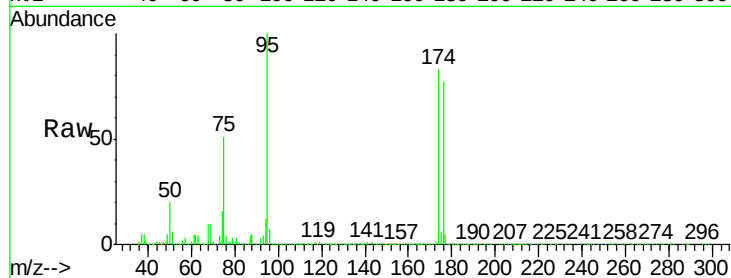
Tot Ion: 95 Resp: 336322

Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.8

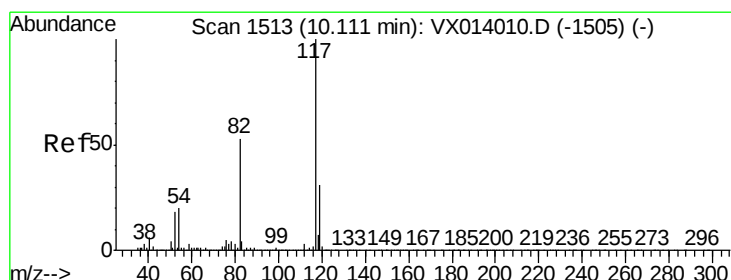
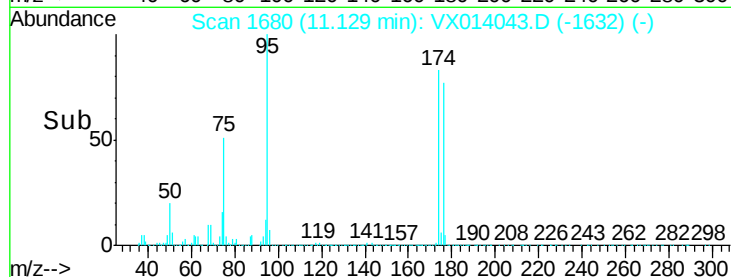
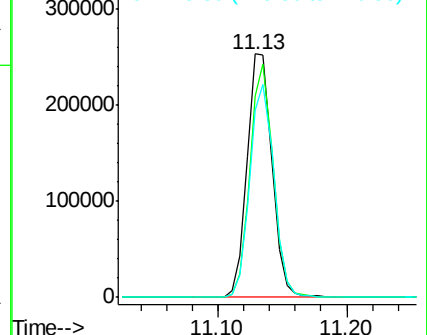
176 84.9 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX

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: VX014043.D

Acq: 16 Dec 2019 18:20

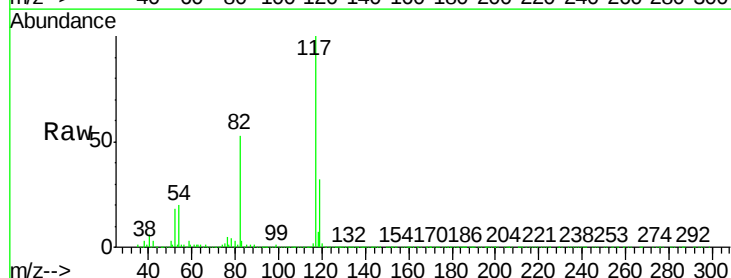
Tgt Ion: 117 Resp: 771740

Ion Ratio Lower Upper

117 100

82 52.6 42.2 63.4

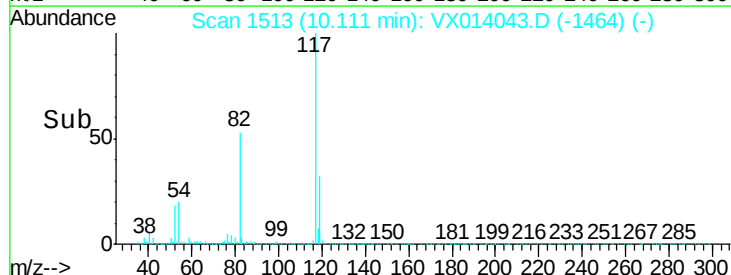
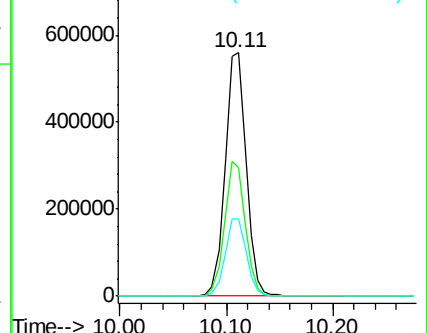
119 31.8 25.1 37.7

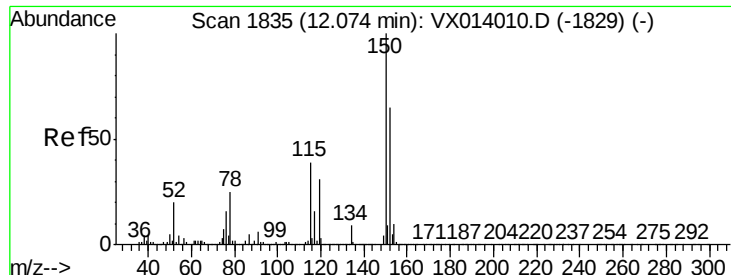


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014043.D

Acq: 16 Dec 2019 18:20

Instrument :

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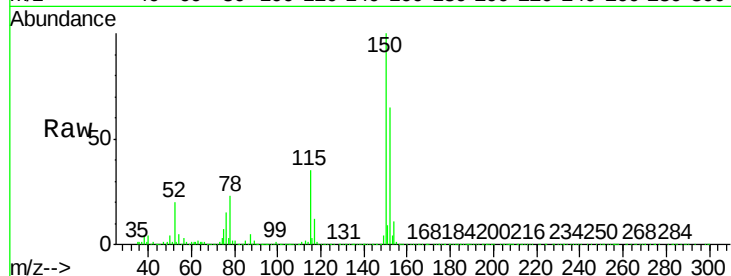
Tot Ion:152 Resp: 327373

Ion Ratio Lower Upper

152 100

115 55.5 38.3 114.9

150 156.9 0.0 345.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

