

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121619\
 Data File : VX014040.D
 Acq On : 16 Dec 2019 17:10
 Operator : JC/SP
 Sample : K6251-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D2-20191206

Quant Time: Dec 17 04:51:58 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

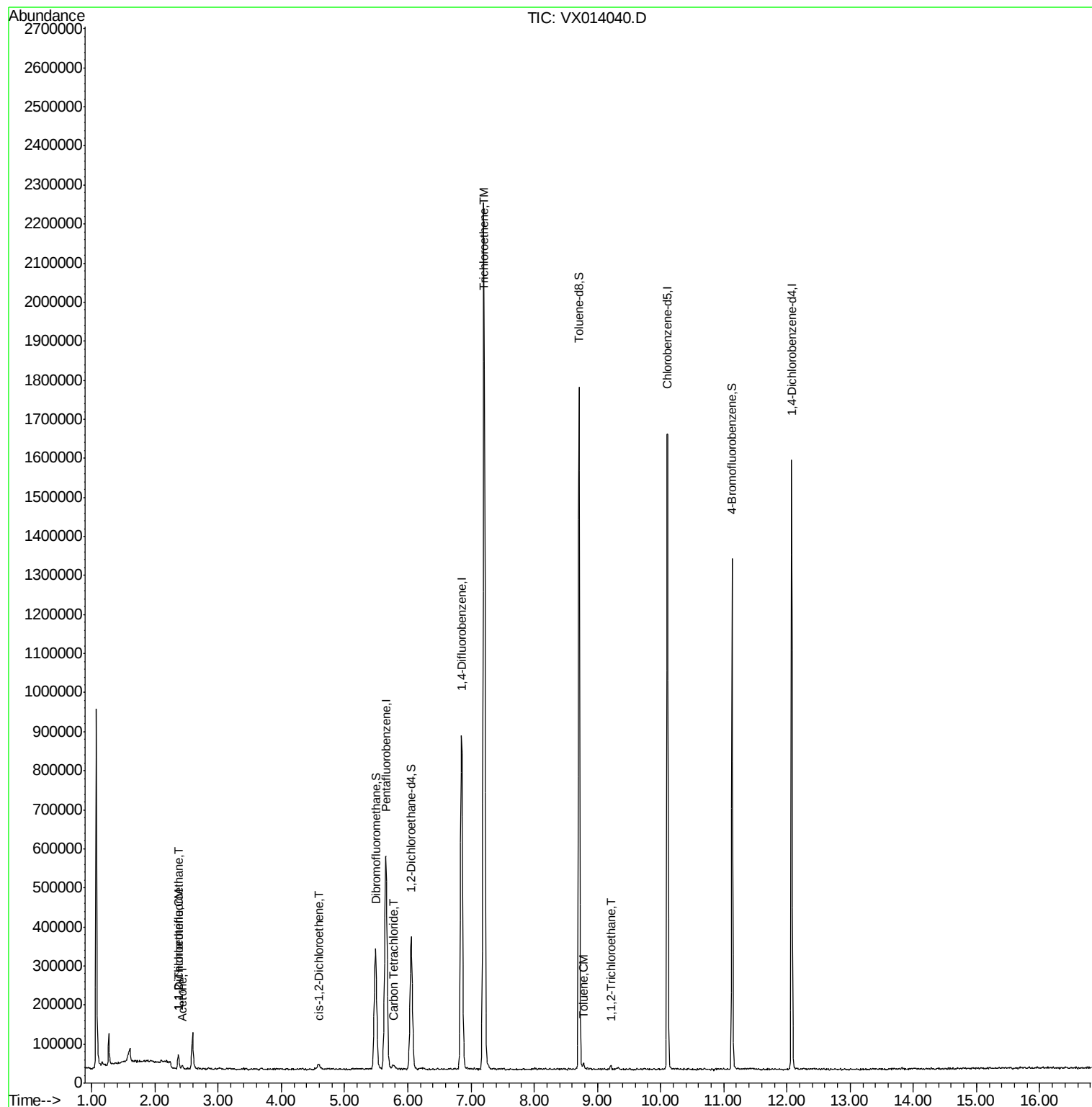
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	565898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	876614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	786068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	328433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	317225	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	5.49	113	260624	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	8.71	98	1042960	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	342968	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.37	101	7785	1.455	ug/l	94
12) 1,1-Dichloroethene	2.37	96	8454	1.553	ug/l	94
16) Acetone	2.44	43	10677	2.564	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	9375	1.382	ug/l	98
38) Carbon Tetrachloride	5.78	117	10104	1.379	ug/l #	94
44) Trichloroethene	7.21	130	877567	128.378	ug/l	100
52) Toluene	8.78	92	6255	0.400	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	3752	0.598	ug/l #	83

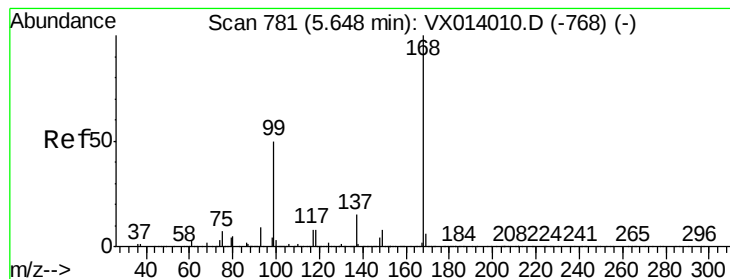
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. 0.00 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

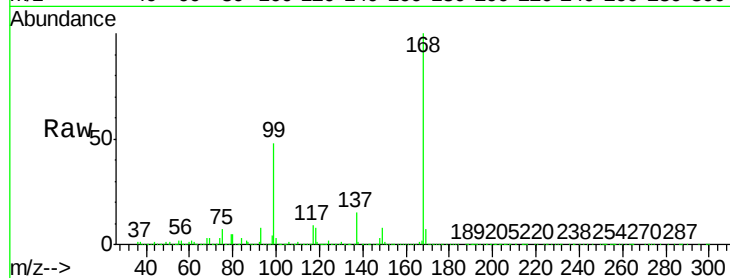
RE139D2-20191206

Tot Ion:168 Resp: 565898

Ion Ratio Lower Upper

168 100

99 48.3 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

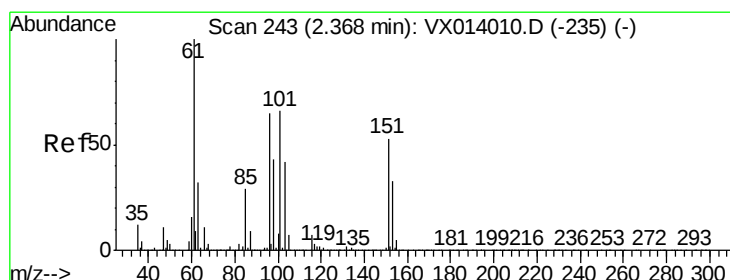
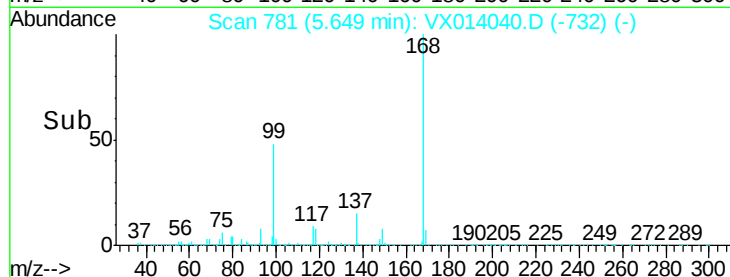
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.455 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

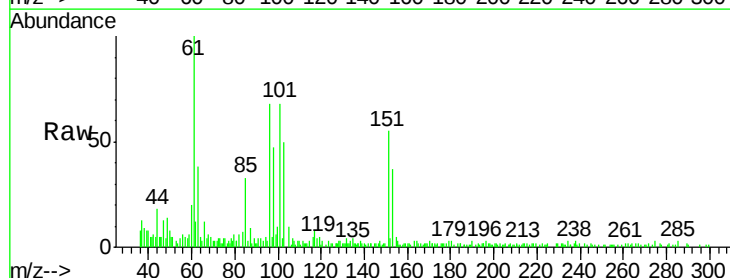
Tgt Ion:101 Resp: 7785

Ion Ratio Lower Upper

101 100

85 39.1 33.7 50.5

151 86.1 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

5000

4000

3000

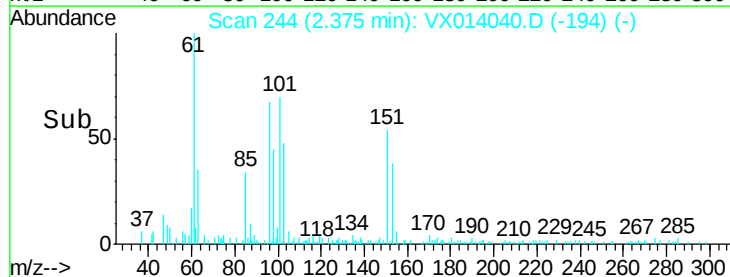
2000

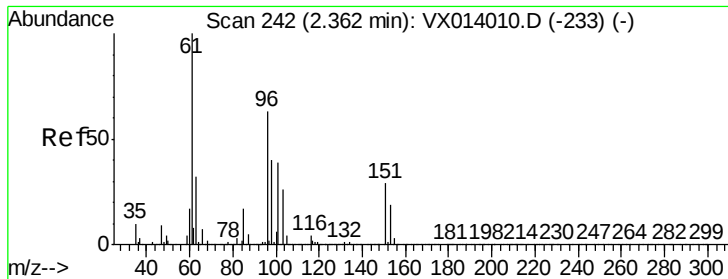
1000

0

Time-->

2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 1.553 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20191206

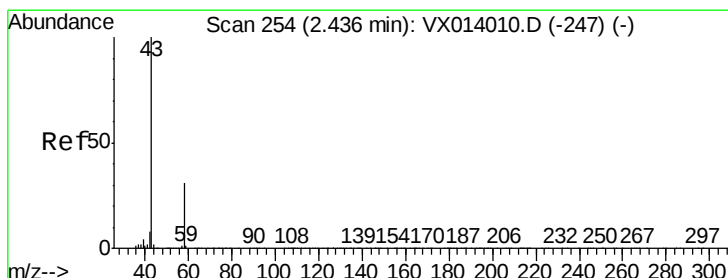
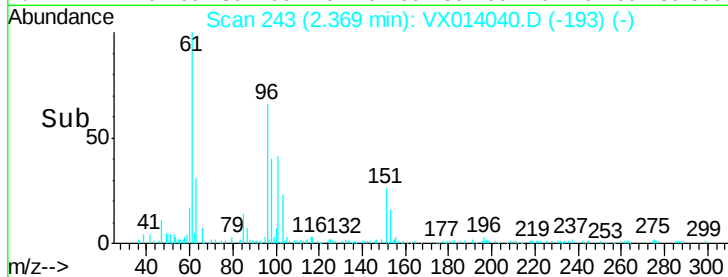
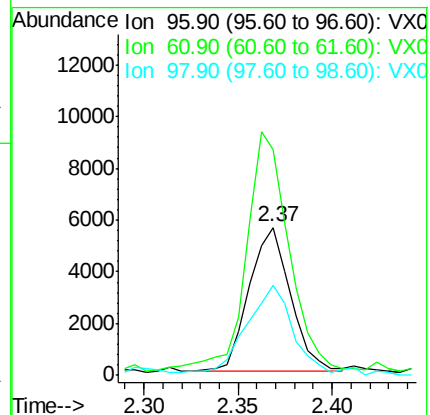
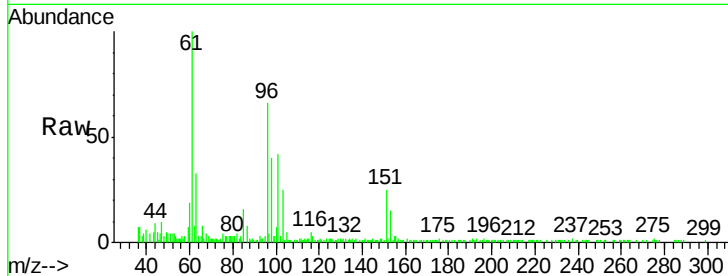
Tot Ion: 96 Resp: 8454

Ion Ratio Lower Upper

96 100

61 152.0 127.9 191.9

98 59.5 50.5 75.7



#16

Acetone

Concen: 2.564 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014040.D

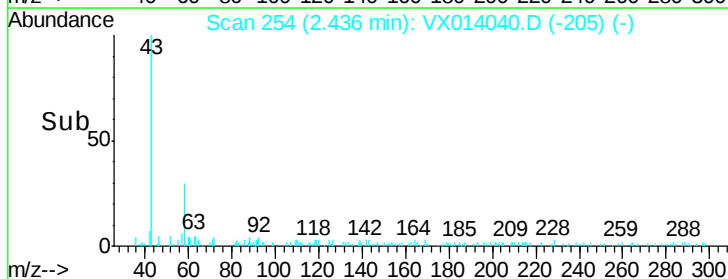
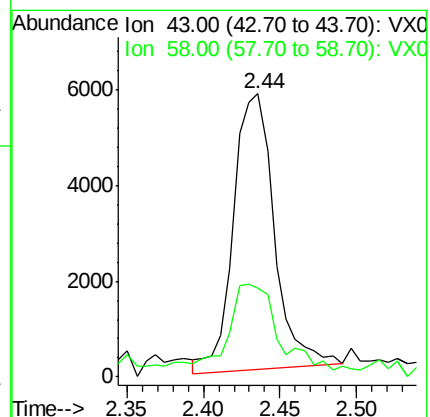
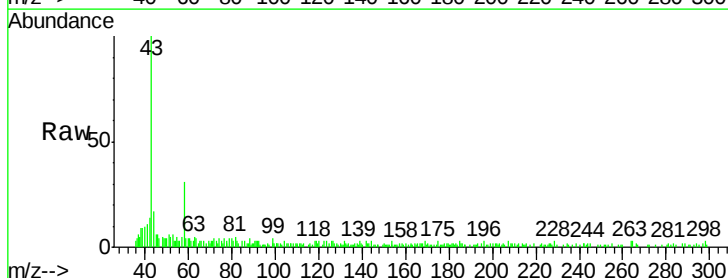
Acq: 16 Dec 2019 17:10

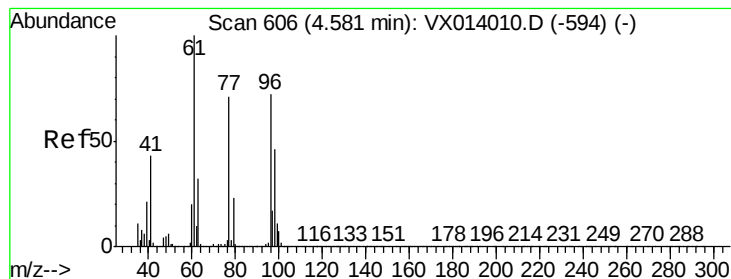
Tgt Ion: 43 Resp: 10677

Ion Ratio Lower Upper

43 100

58 28.9 24.9 37.3





#27

cis-1,2-Dichloroethene

Concen: 1.382 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20191206

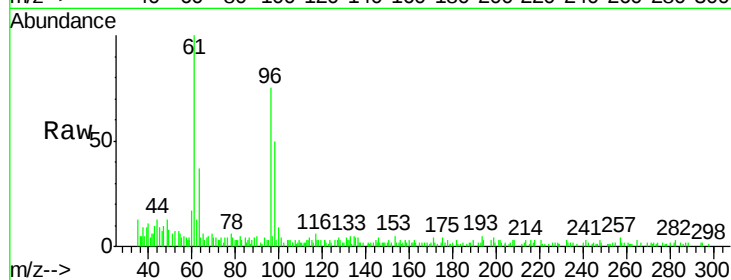
Tot Ion: 96 Resp: 9375

Ion Ratio Lower Upper

96 100

61 146.9 0.0 288.4

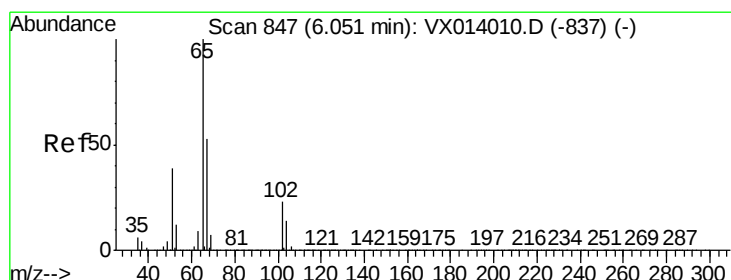
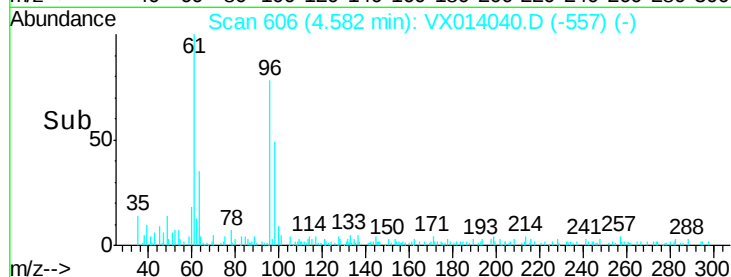
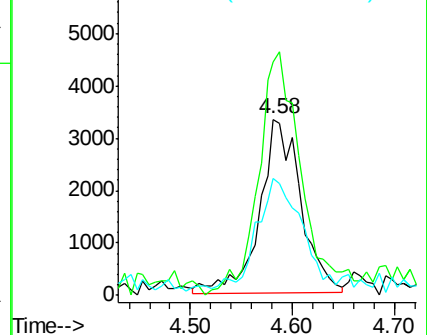
98 66.6 0.0 129.6



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: 49.461 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014040.D

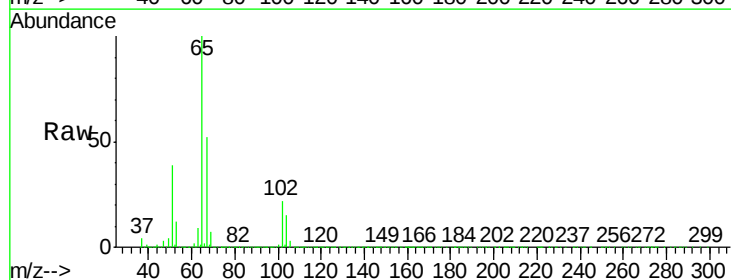
Acq: 16 Dec 2019 17:10

Tgt Ion: 65 Resp: 317225

Ion Ratio Lower Upper

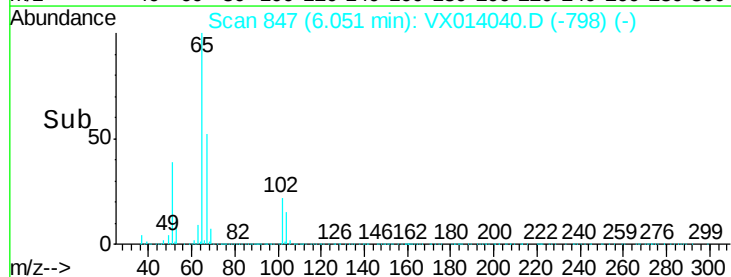
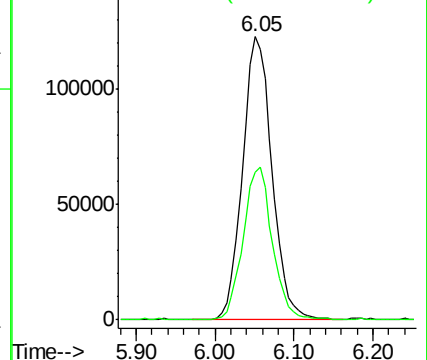
65 100

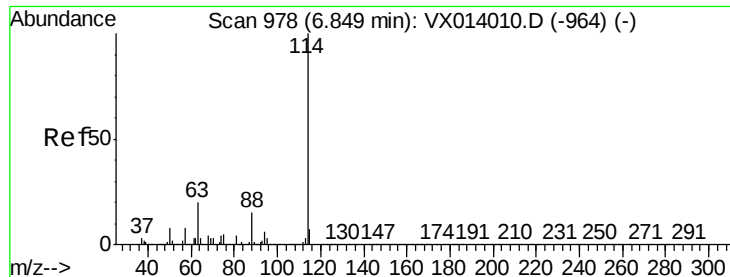
67 54.1 0.0 106.4



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: VX014040.D

Acq: 16 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20191206

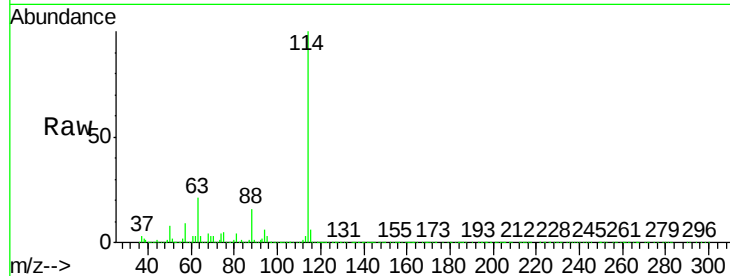
Tot Ion:114 Resp: 876614

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

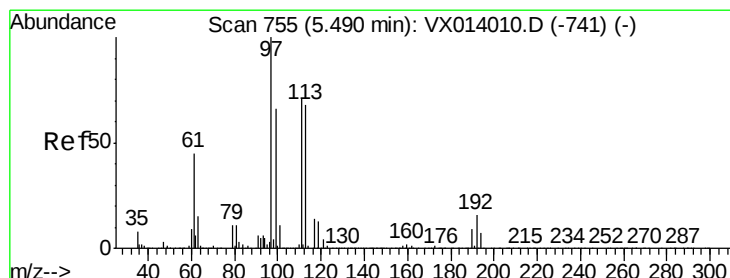
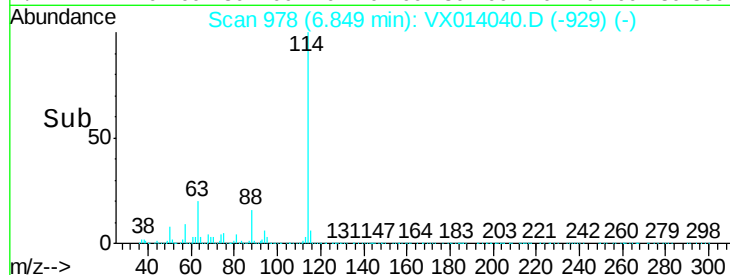
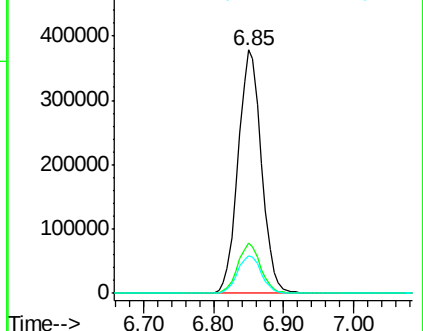
88 15.5 0.0 30.4



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: 48.908 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

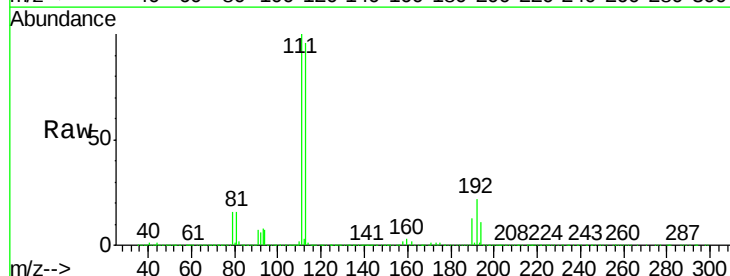
Tgt Ion:113 Resp: 260624

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

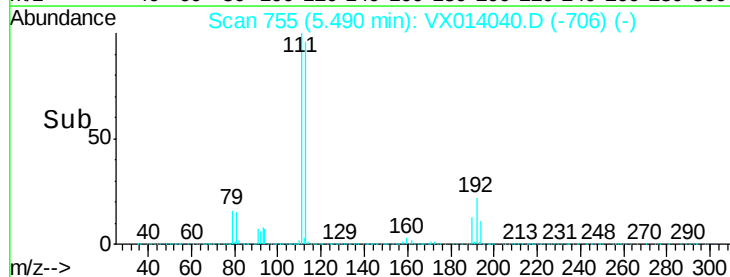
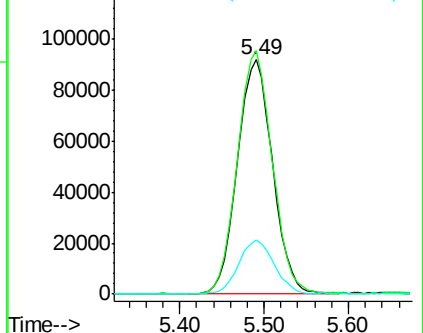
192 23.3 19.3 28.9

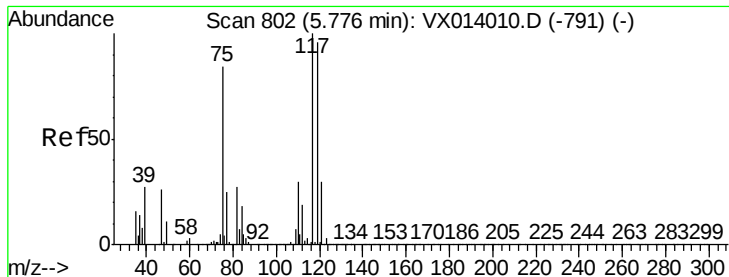


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 1.379 ug/l

RT: 5.78 min Scan# 803

Delta R.T. 0.01 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20191206

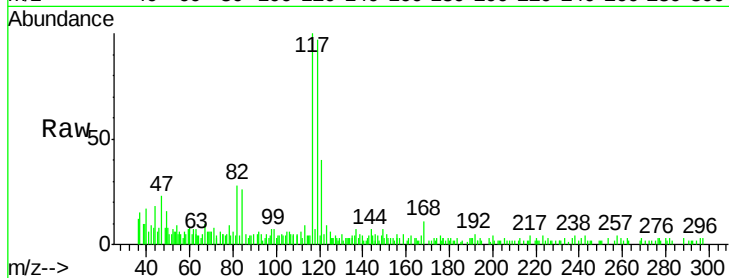
Tot Ion:117 Resp: 10104

Ion Ratio Lower Upper

117 100

119 92.9 76.2 114.4

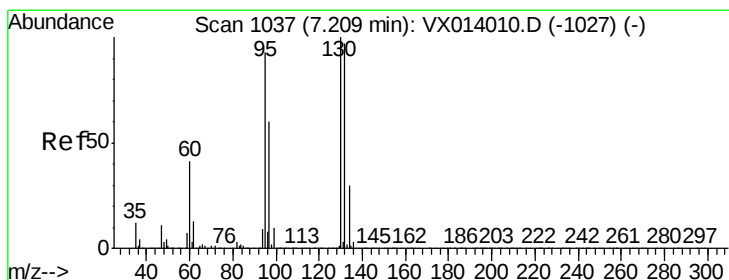
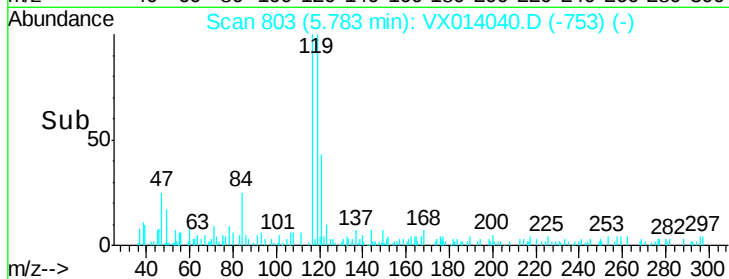
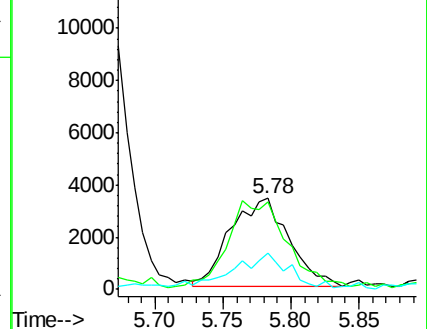
121 38.1 23.6 35.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#44

Trichloroethene

Concen: 128.378 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014040.D

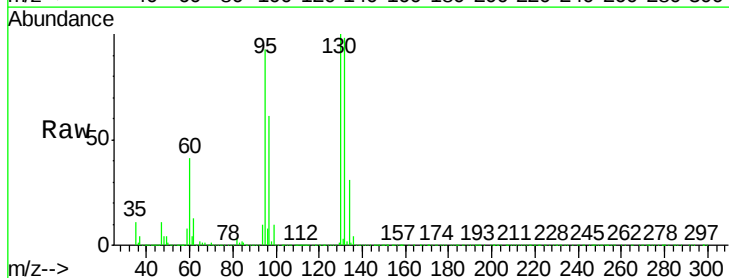
Acq: 16 Dec 2019 17:10

Tgt Ion:130 Resp: 877567

Ion Ratio Lower Upper

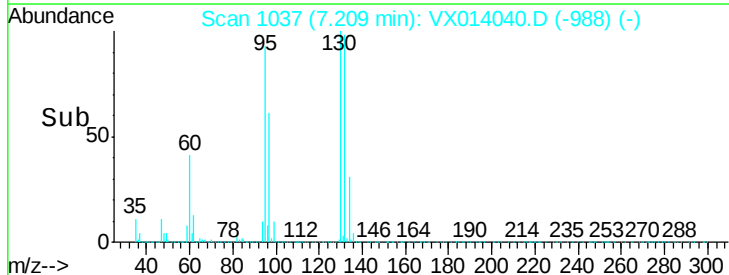
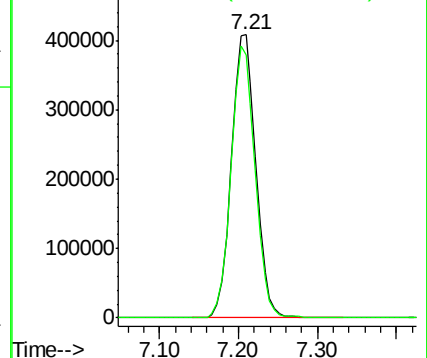
130 100

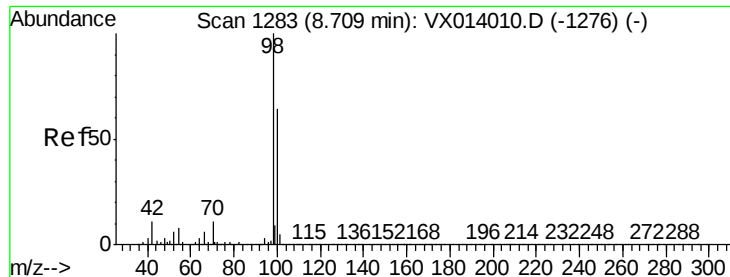
95 92.9 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.272 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

Instrument :

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ClientSampleId :

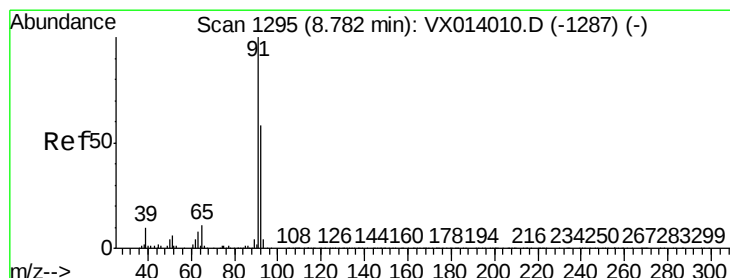
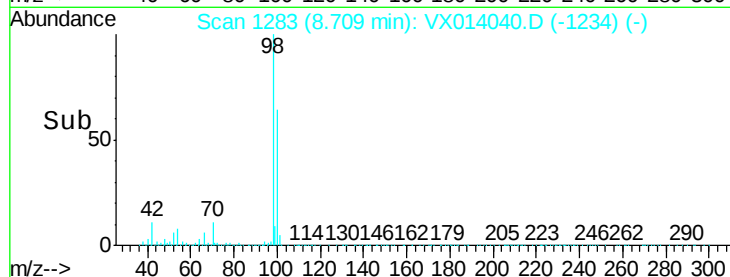
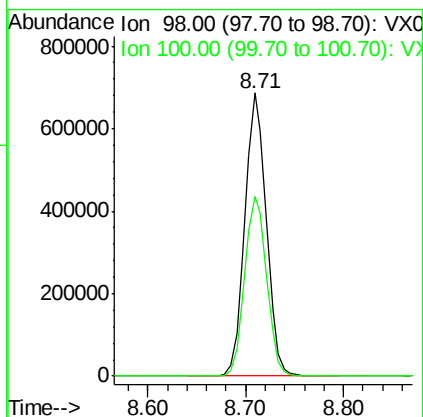
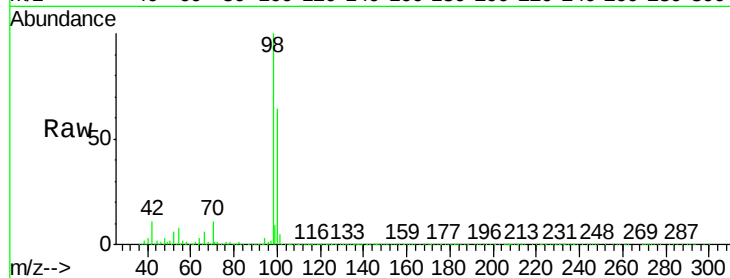
RE139D2-20191206

Tot Ion: 98 Resp: 1042960

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3



#52

Toluene

Concen: 0.400 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014040.D

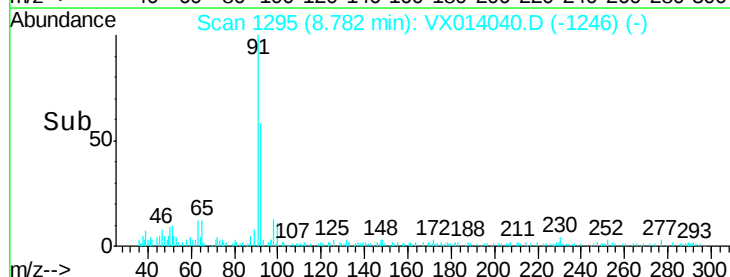
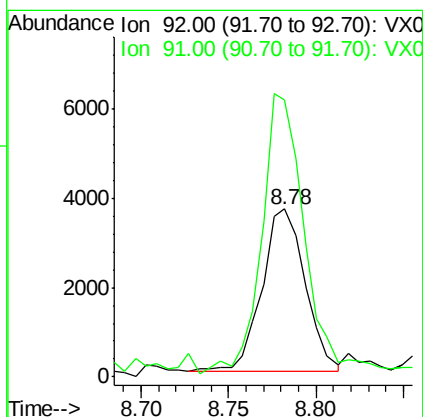
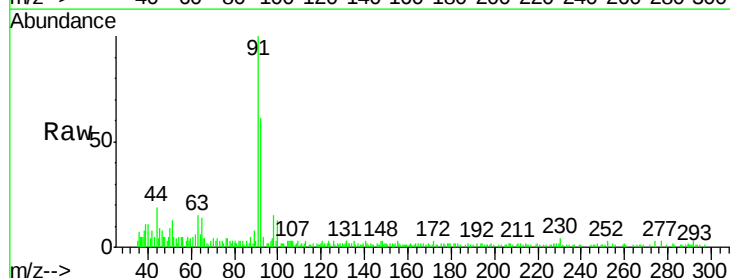
Acq: 16 Dec 2019 17:10

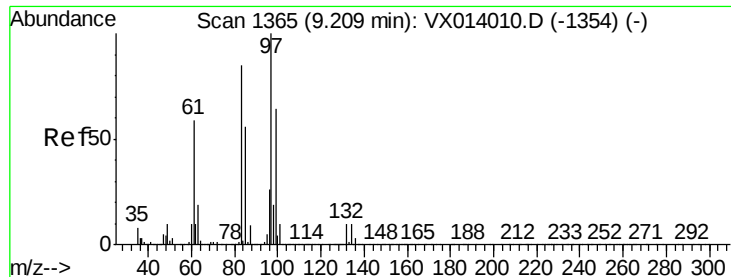
Tgt Ion: 92 Resp: 6255

Ion Ratio Lower Upper

92 100

91 163.3 136.2 204.4

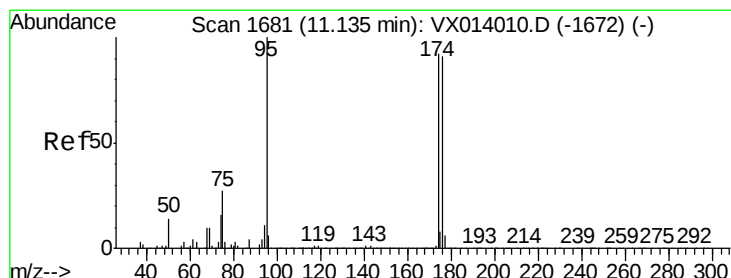
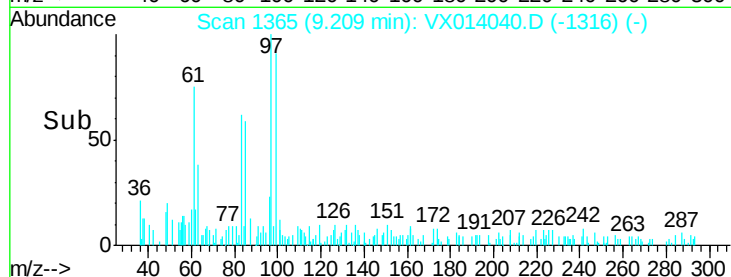
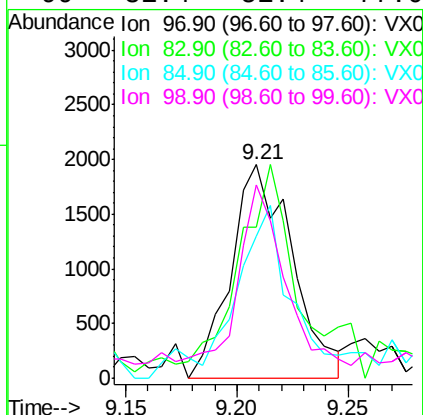
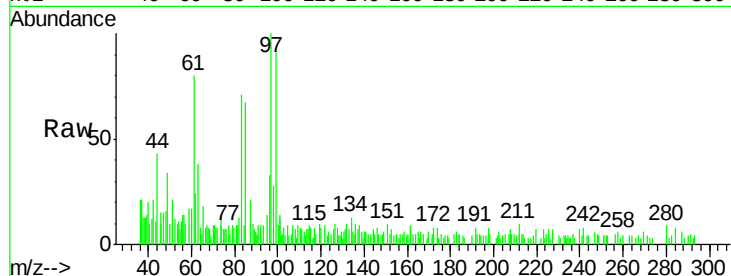




#55
 1,1,2-Trichloroethane
 Concen: 0.598 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014040.D
 Acq: 16 Dec 2019 17:10

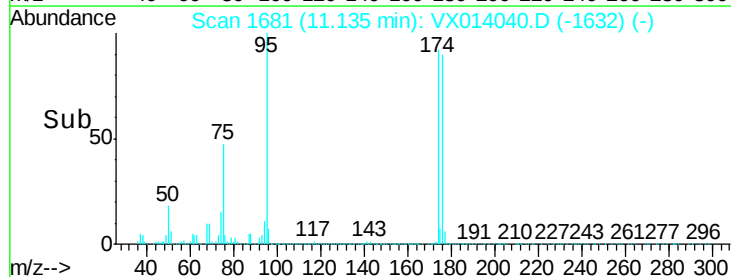
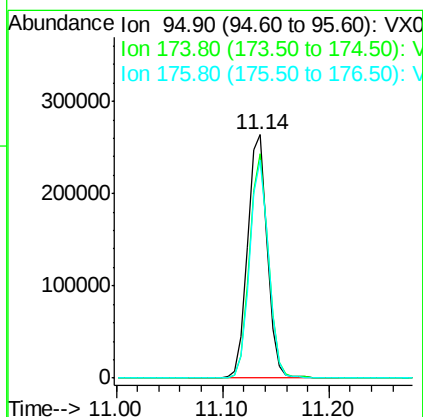
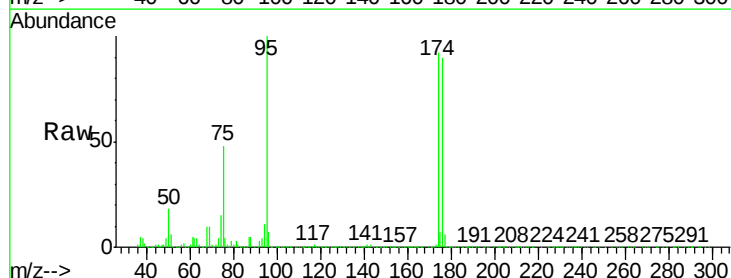
Instrument :
 MSVOA_X
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 RE139D2-20191206

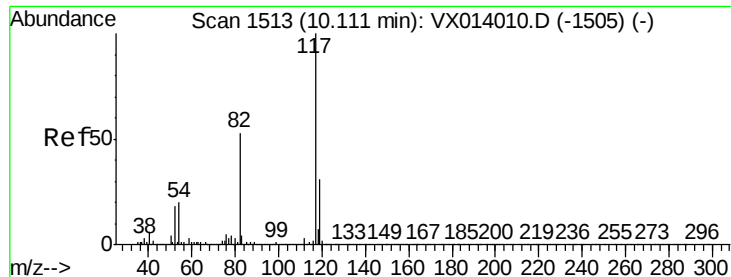
Tot Ion: 97 Resp: 3752
 Ion Ratio Lower Upper
 97 100
 83 62.9 68.2 102.4#
 85 56.7 44.6 66.8
 99 81.4 51.4 77.0#



#62
 4-Bromofluorobenzene
 Concen: 45.224 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX014040.D
 Acq: 16 Dec 2019 17:10

Tgt Ion: 95 Resp: 342968
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 175.8
 176 87.0 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

Instrument :

MSVOA_X

ClientSampleId :

RE139D2-20191206

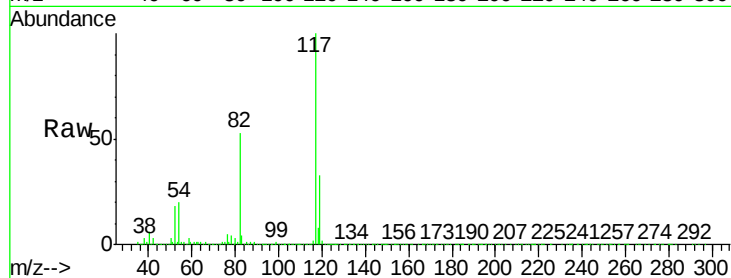
Tot Ion:117 Resp: 786068

Ion Ratio Lower Upper

117 100

82 52.7 42.2 63.4

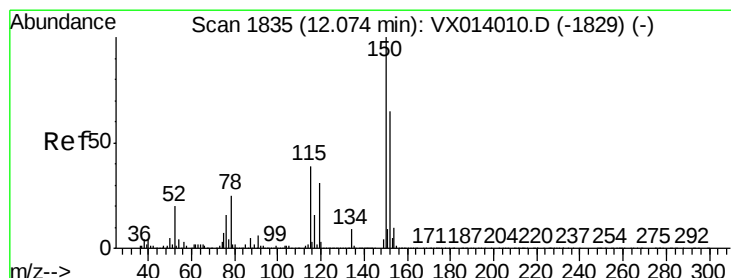
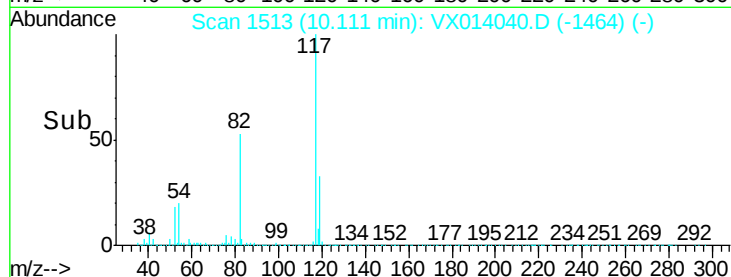
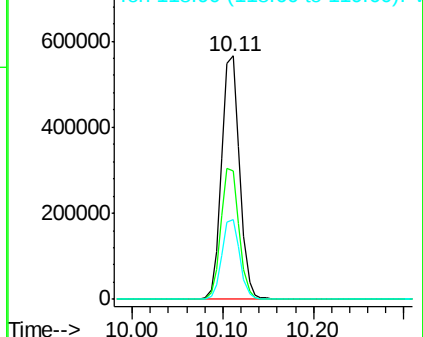
119 32.5 25.1 37.7



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014040.D

Acq: 16 Dec 2019 17:10

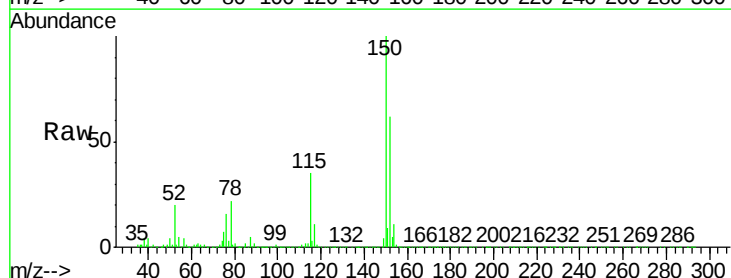
Tgt Ion:152 Resp: 328433

Ion Ratio Lower Upper

152 100

115 56.1 38.3 114.9

150 157.4 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

