

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018572.D
 Acq On : 24 Sep 2020 15:09
 Operator : JC/SP
 Sample : L4118-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20200918

Quant Time: Sep 25 02:09:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

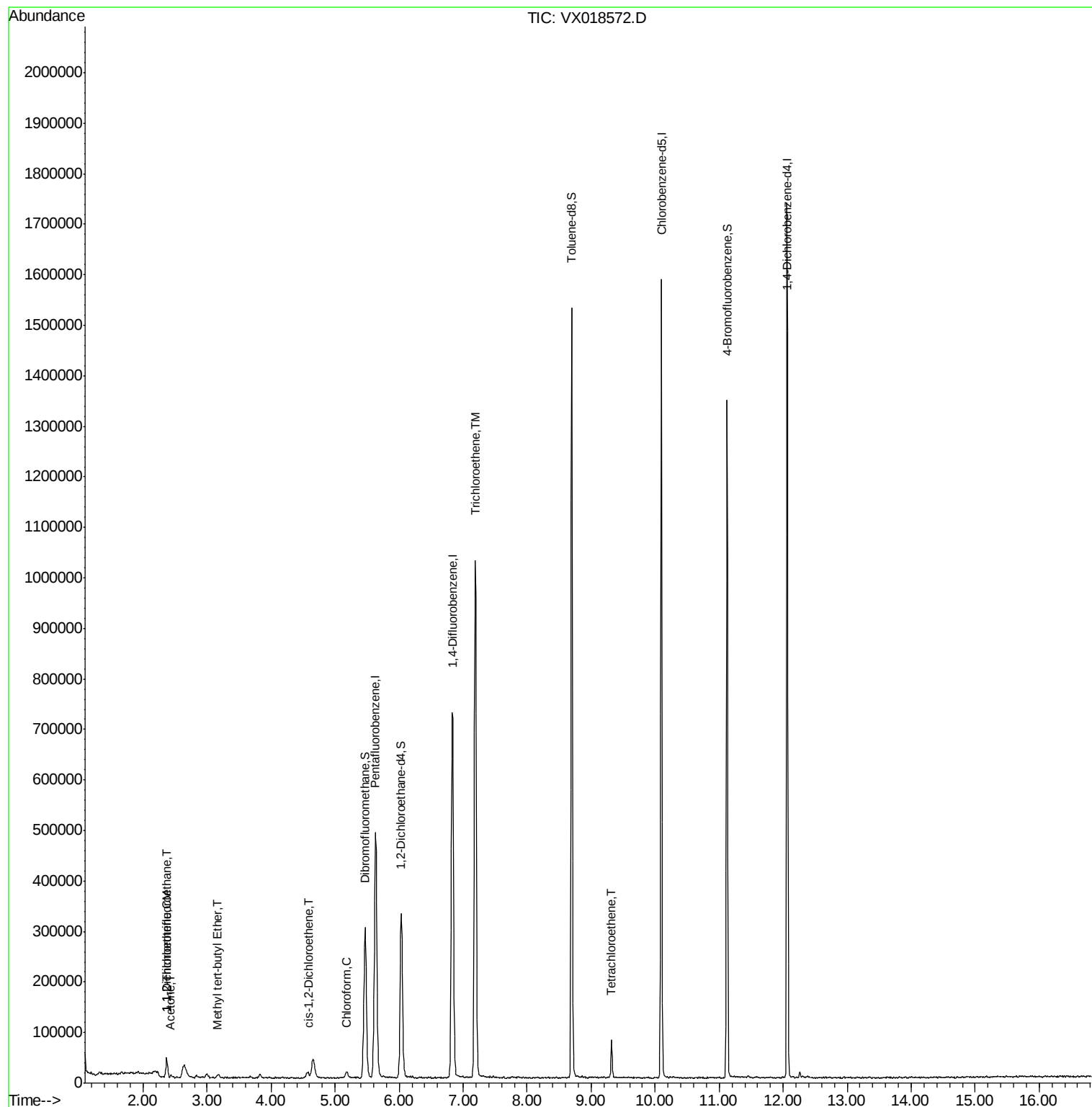
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	449099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	733337	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	696307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	357886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	327635	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
35) Dibromofluoromethane	5.47	113	253611	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	8.70	98	896103	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.12	95	335333	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.37	101	13111	3.038	ug/l	97
12) 1,1-Dichloroethene	2.36	96	3236	0.744	ug/l	79
16) Acetone	2.43	43	7901	3.252	ug/l #	88
19) Methyl tert-butyl Ether	3.16	73	8534	0.559	ug/l #	87
27) cis-1,2-Dichloroethene	4.57	96	7954	1.404	ug/l	82
30) Chloroform	5.18	83	14918	1.609	ug/l	100
44) Trichloroethene	7.19	130	398195	67.432	ug/l	99
64) Tetrachloroethene	9.32	164	13728	2.504	ug/l #	85

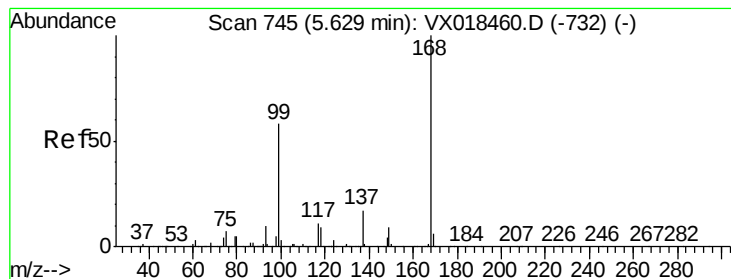
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092420\
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

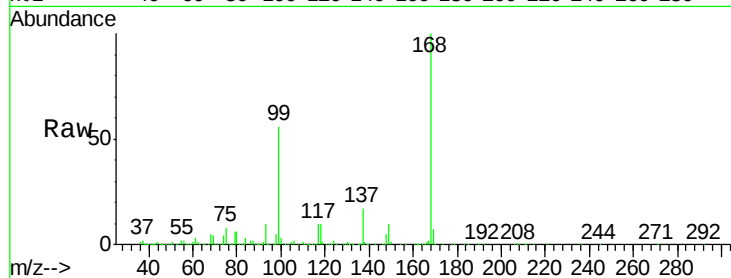
RE132D1-20200918

Tot Ion:168 Resp: 449099

Ion Ratio Lower Upper

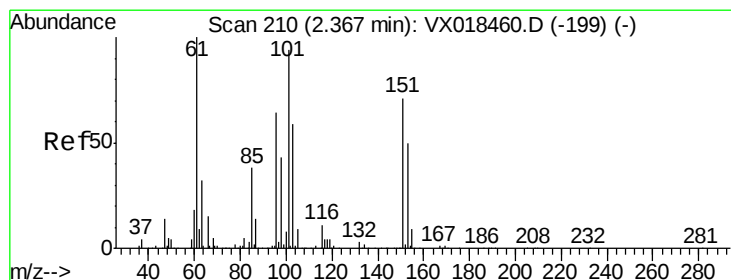
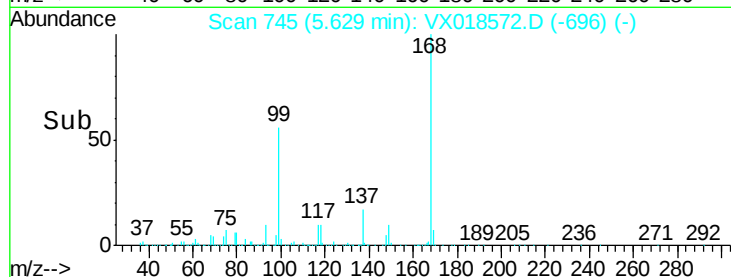
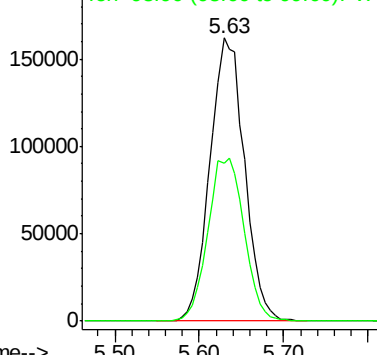
168 100

99 55.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.038 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

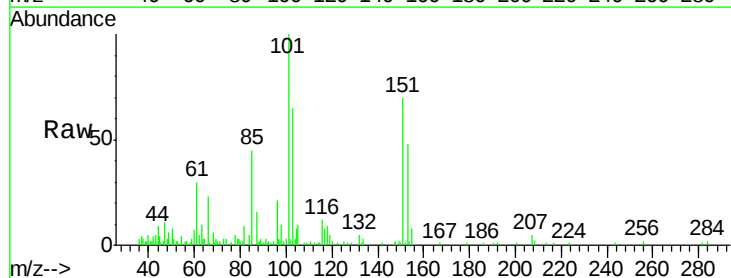
Tgt Ion:101 Resp: 13111

Ion Ratio Lower Upper

101 100

85 47.8 34.7 52.1

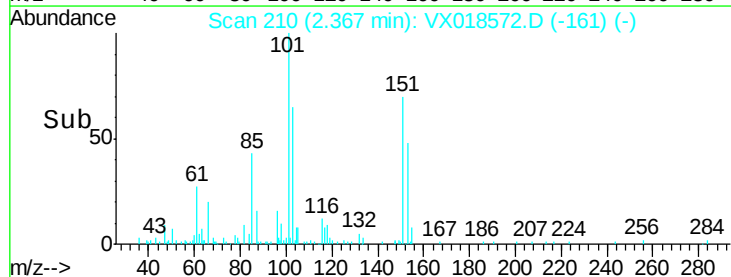
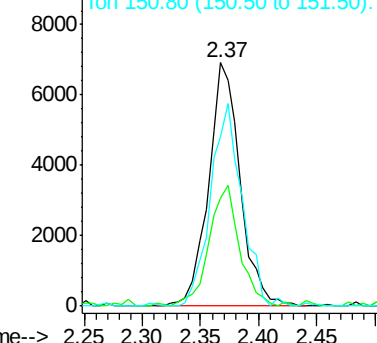
151 82.0 64.9 97.3

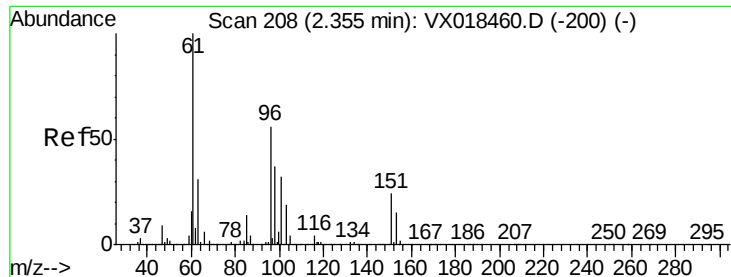


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 0.744 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20200918

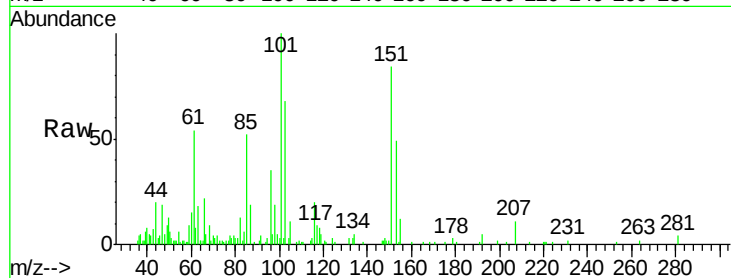
Tot Ion: 96 Resp: 3236

Ion Ratio Lower Upper

96 100

61 144.9 142.2 213.4

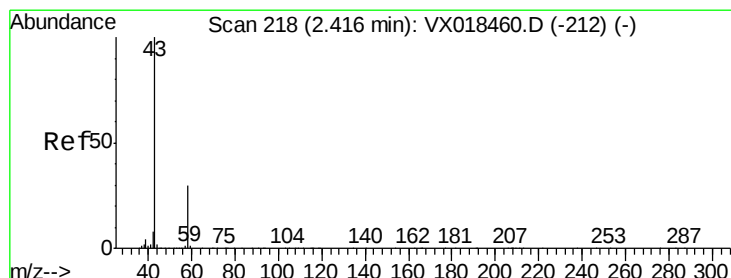
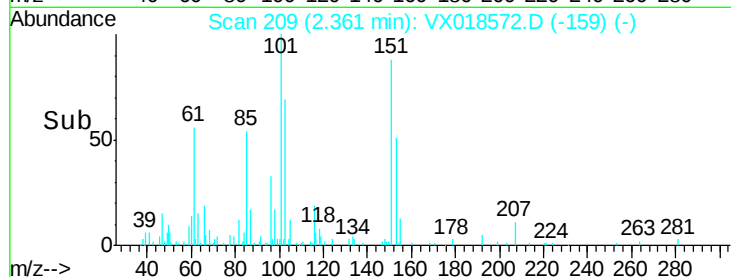
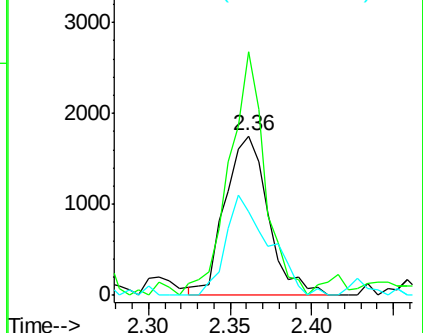
98 52.7 52.4 78.6



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



#16

Acetone

Concen: 3.252 ug/l

RT: 2.43 min Scan# 221

Delta R.T. 0.02 min

Lab File: VX018572.D

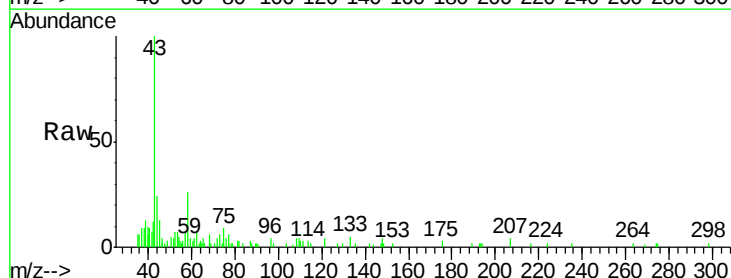
Acq: 24 Sep 2020 15:09

Tgt Ion: 43 Resp: 7901

Ion Ratio Lower Upper

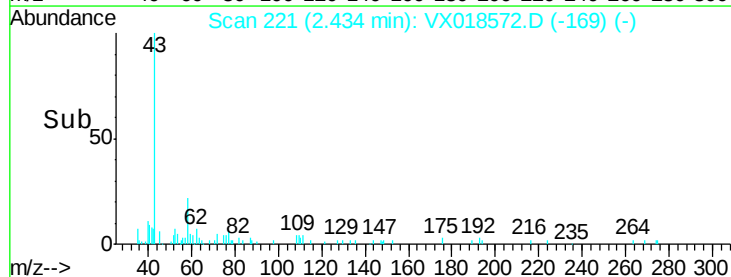
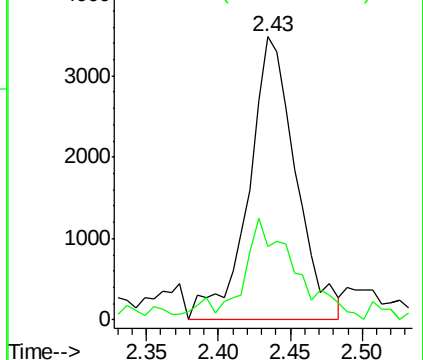
43 100

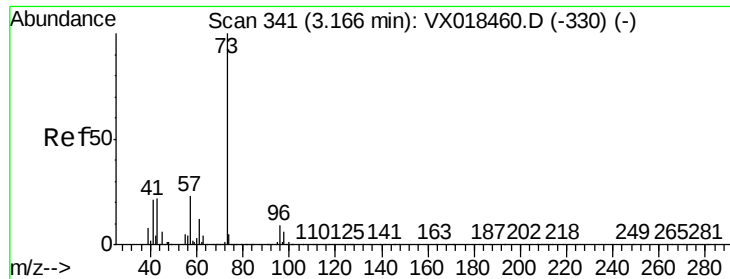
58 23.3 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



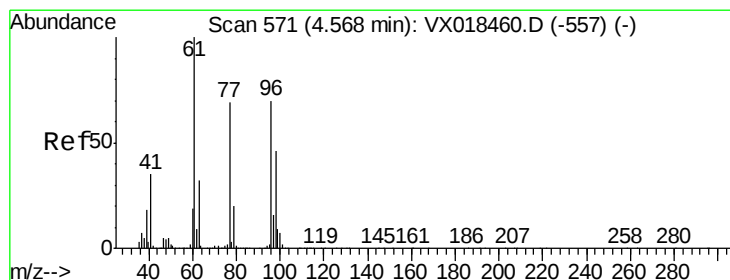
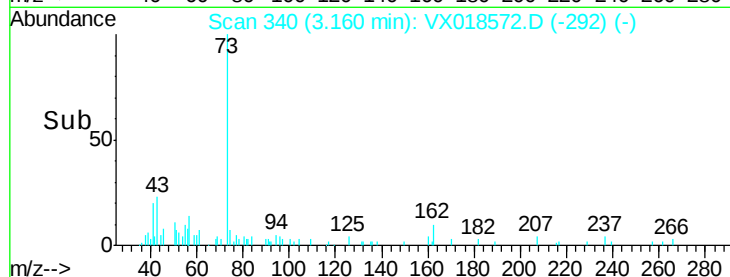
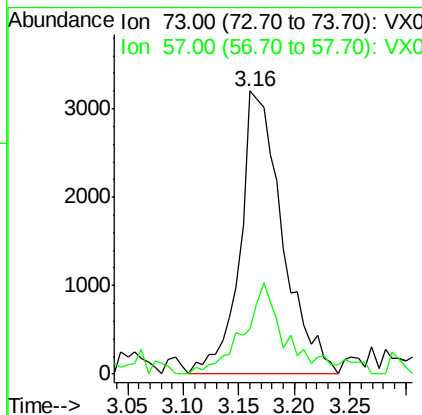
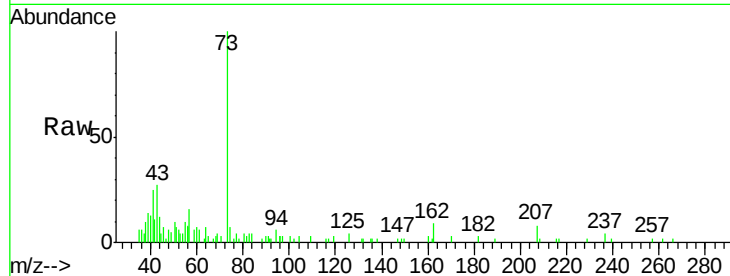


#19

Methyl tert-butyl Ether
 Concen: 0.559 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX018572.D
 Acq: 24 Sep 2020 15:09

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20200918

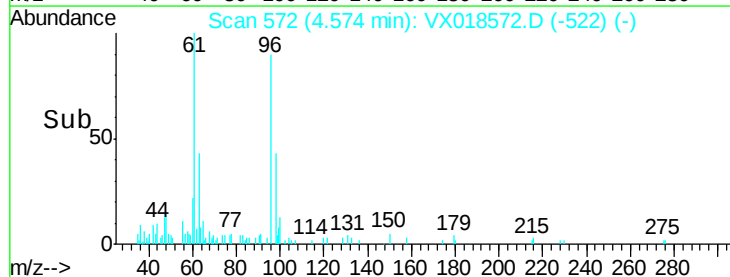
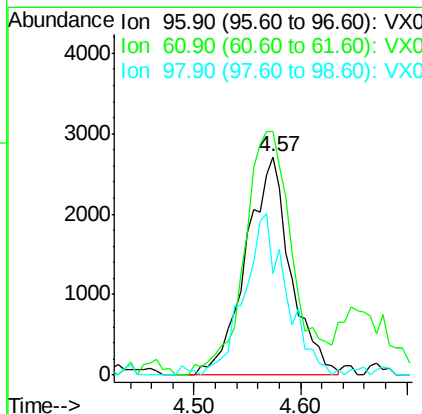
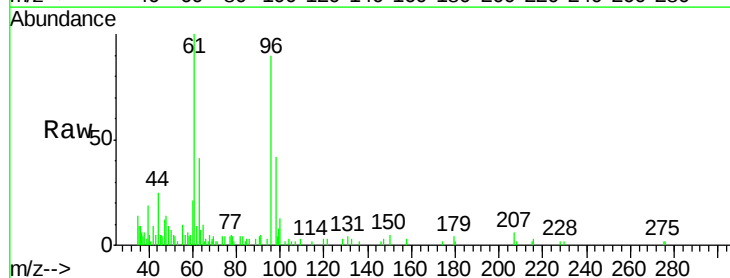
Tot Ion: 73 Resp: 8534
 Ion Ratio Lower Upper
 73 100
 57 16.2 18.0 27.0#

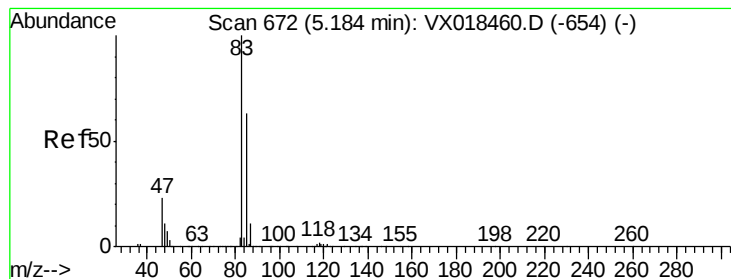


#27

cis-1,2-Dichloroethene
 Concen: 1.404 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX018572.D
 Acq: 24 Sep 2020 15:09

Tgt Ion: 96 Resp: 7954
 Ion Ratio Lower Upper
 96 100
 61 120.6 0.0 300.0
 98 69.9 0.0 130.4





#30

Chloroform

Concen: 1.609 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

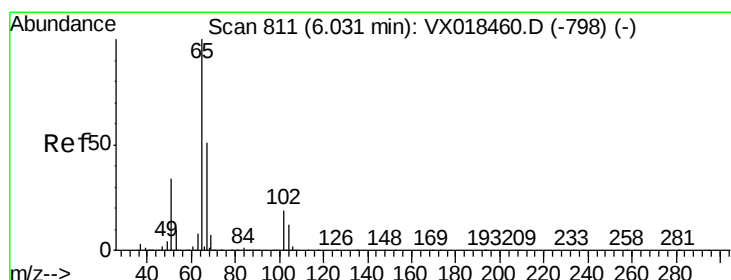
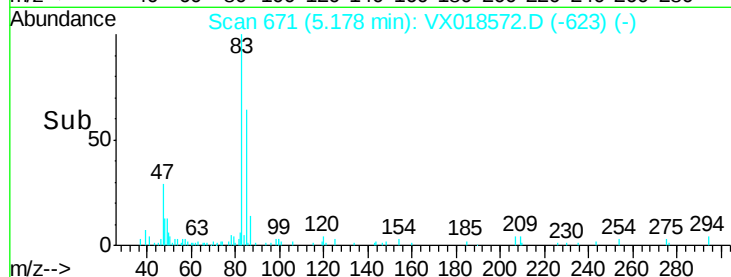
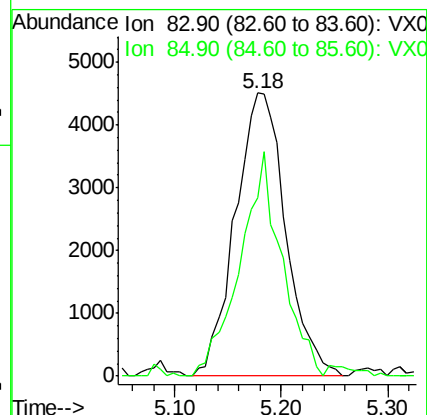
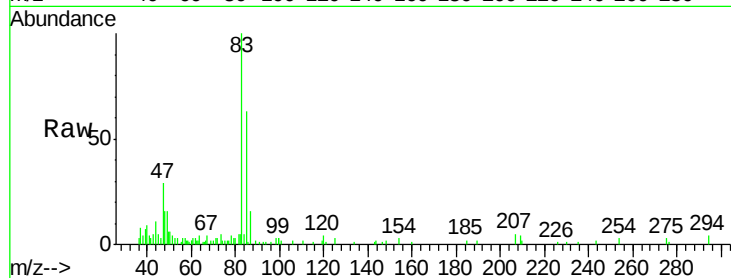
RE132D1-20200918

Tot Ion: 83 Resp: 14918

Ion Ratio Lower Upper

83 100

85 63.0 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 51.570 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018572.D

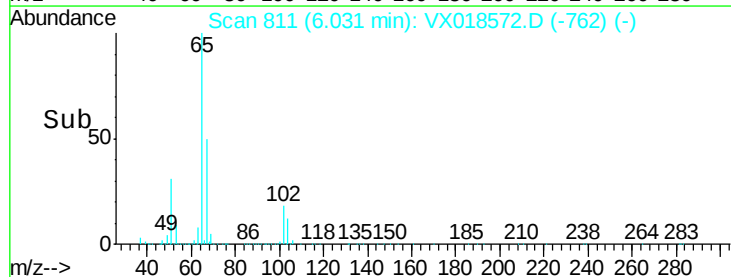
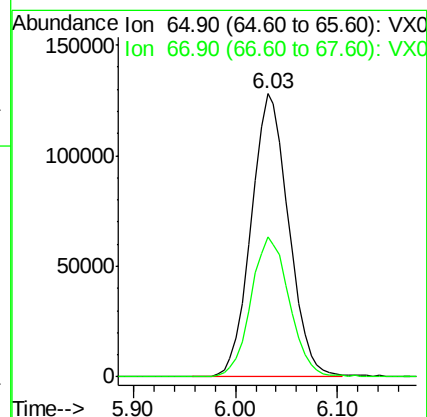
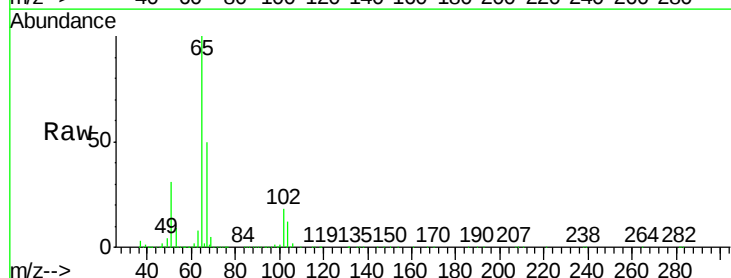
Acq: 24 Sep 2020 15:09

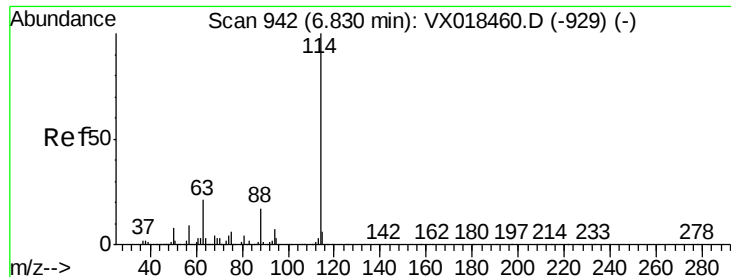
Tgt Ion: 65 Resp: 327635

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20200918

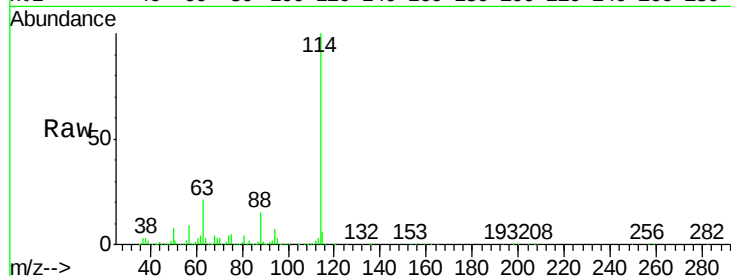
Tot Ion:114 Resp: 733337

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

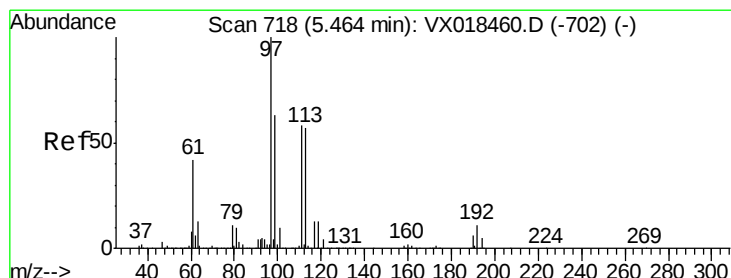
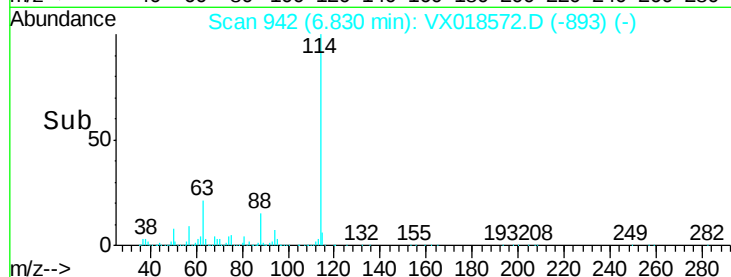
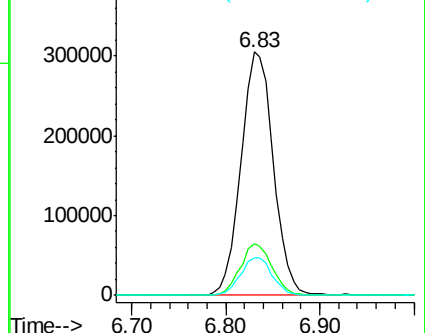
88 15.4 0.0 33.6



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: 50.025 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

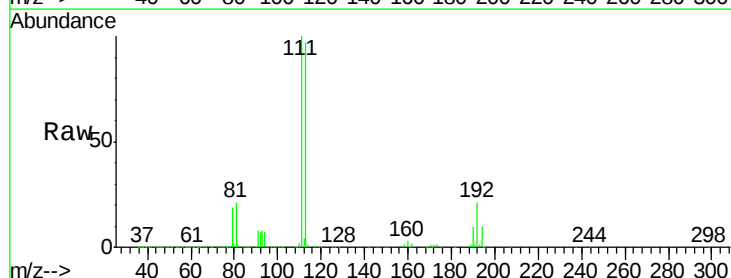
Tgt Ion:113 Resp: 253611

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

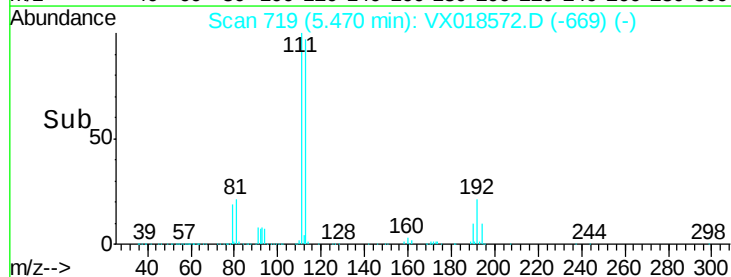
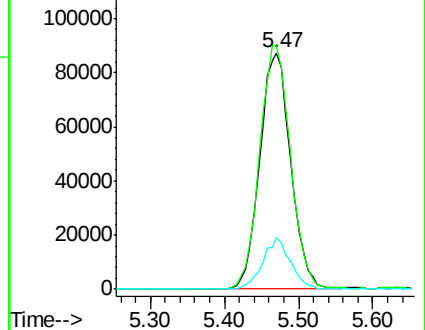
192 19.7 16.6 24.8

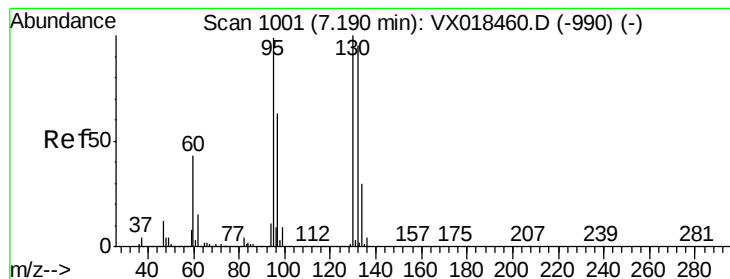


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 67.432 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

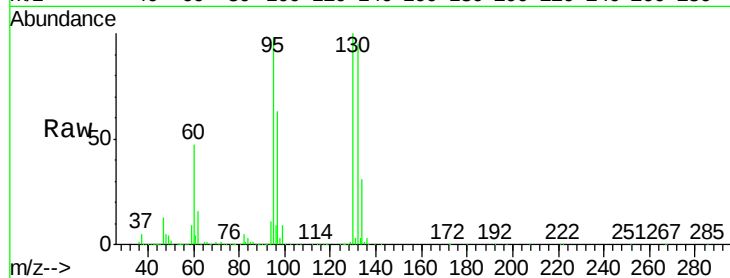
RE132D1-20200918

Tot Ion:130 Resp: 398195

Ion Ratio Lower Upper

130 100

95 98.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

200000

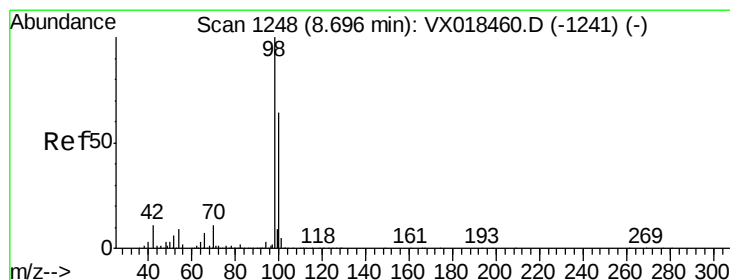
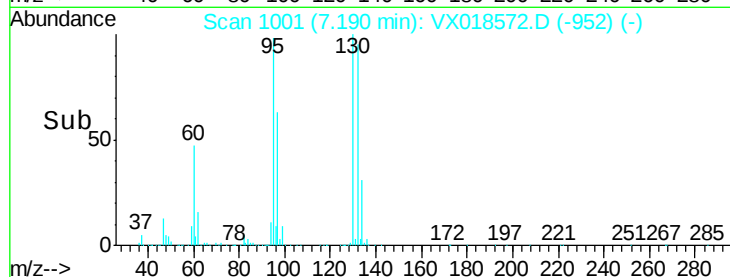
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 48.649 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018572.D

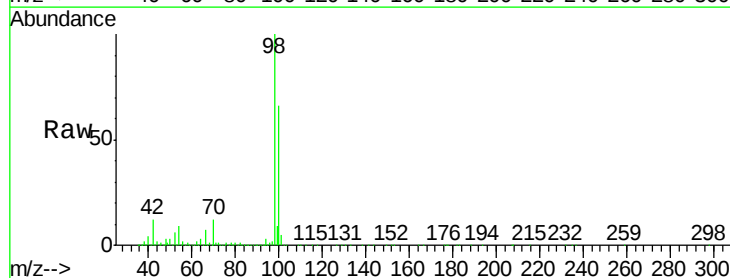
Acq: 24 Sep 2020 15:09

Tgt Ion: 98 Resp: 896103

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

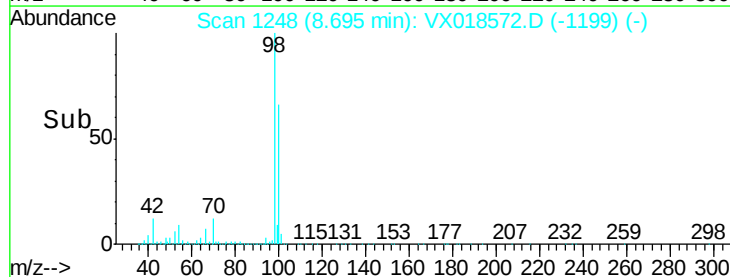
600000

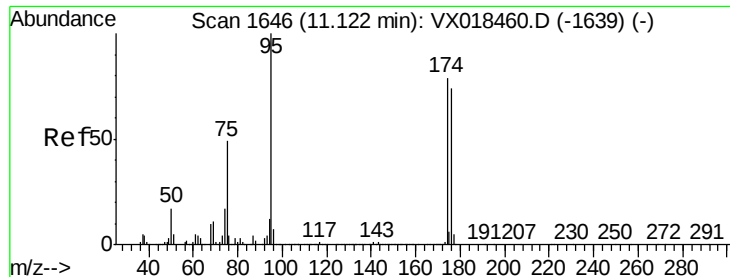
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.767 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20200918

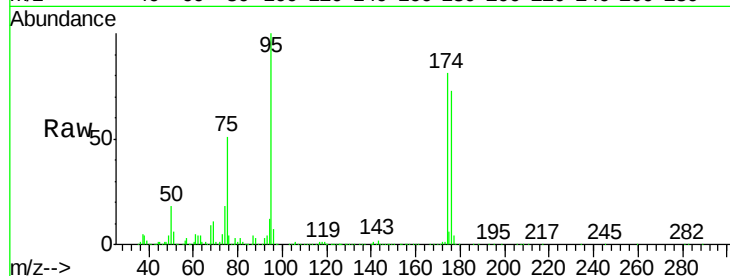
Tot Ion: 95 Resp: 335333

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.4

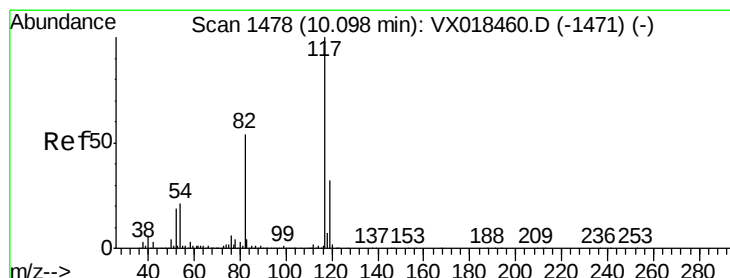
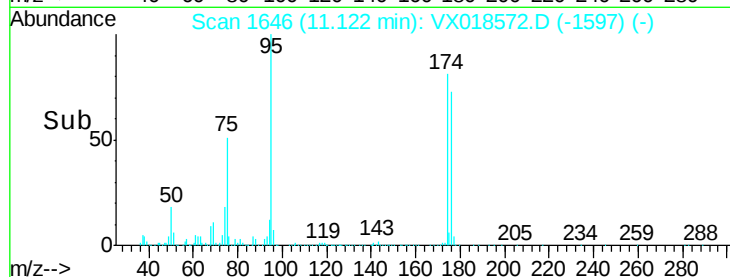
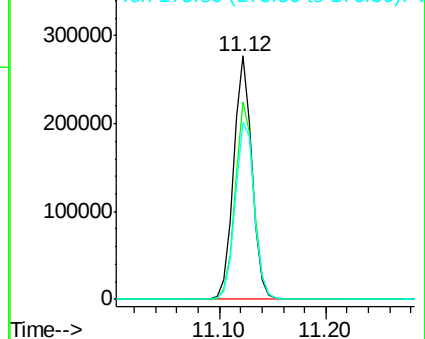
176 75.8 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX018460.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018460.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018460.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

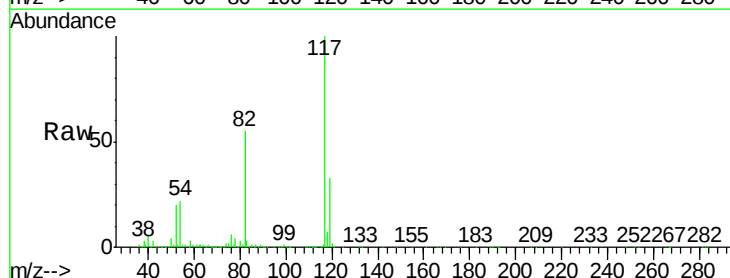
Tgt Ion: 117 Resp: 696307

Ion Ratio Lower Upper

117 100

82 55.2 43.3 64.9

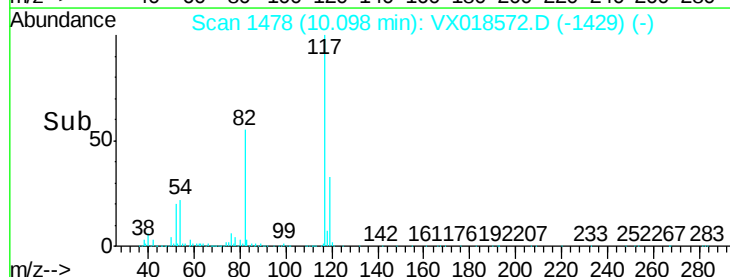
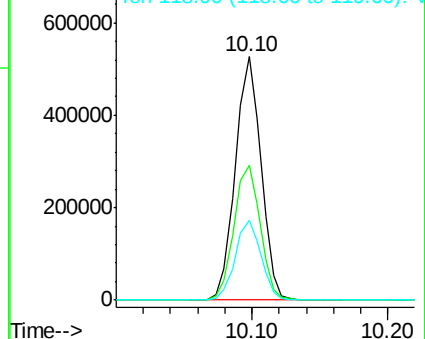
119 32.8 25.9 38.9

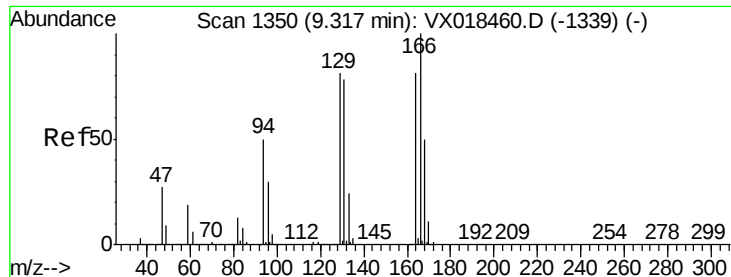


Abundance Ion 116.90 (116.60 to 117.60): VX018460.D (-1471) (-)

Ion 82.00 (81.70 to 82.70): VX018460.D (-1471) (-)

Ion 118.90 (118.60 to 119.60): VX018460.D (-1471) (-)





#64

Tetrachloroethene

Concen: 2.504 ug/l

RT: 9.32 min Scan# 1351

Delta R.T. 0.01 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20200918

Tot Ion:164 Resp: 13728

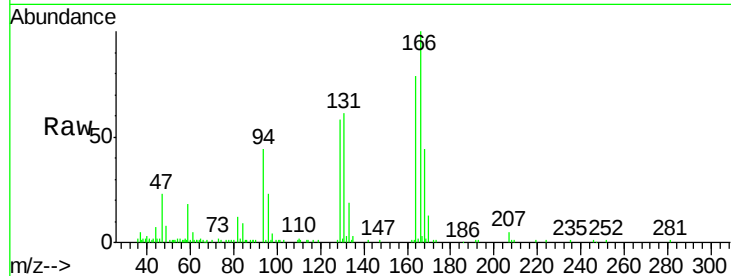
Ion Ratio Lower Upper

164 100

166 126.5 99.3 148.9

129 73.9 80.7 121.1#

131 77.9 77.2 115.8

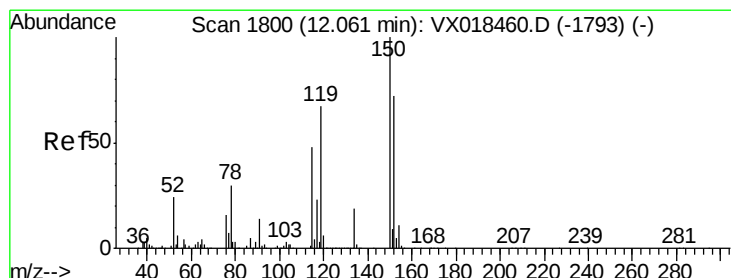
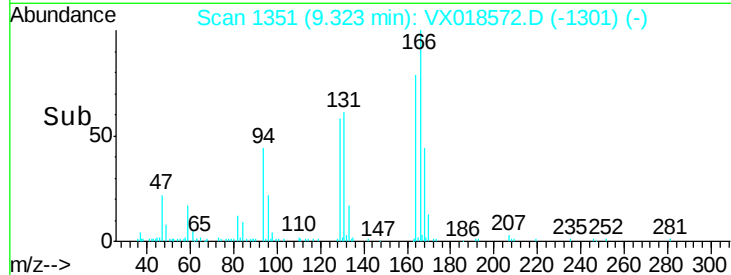
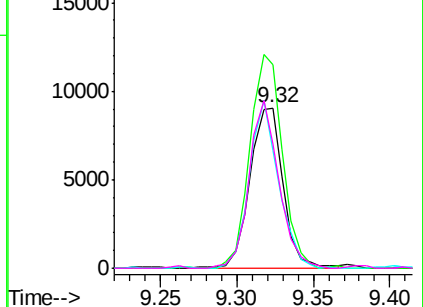


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018572.D

Acq: 24 Sep 2020 15:09

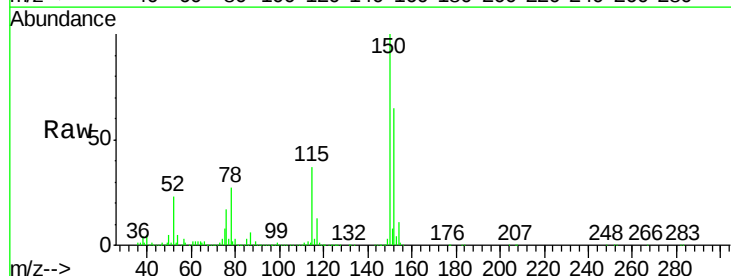
Tgt Ion:152 Resp: 357886

Ion Ratio Lower Upper

152 100

115 56.9 41.8 125.4

150 151.3 0.0 342.4



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

