

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018568.D
 Acq On : 24 Sep 2020 13:39
 Operator : JC/SP
 Sample : L4118-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20200918

Quant Time: Sep 25 02:00:01 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

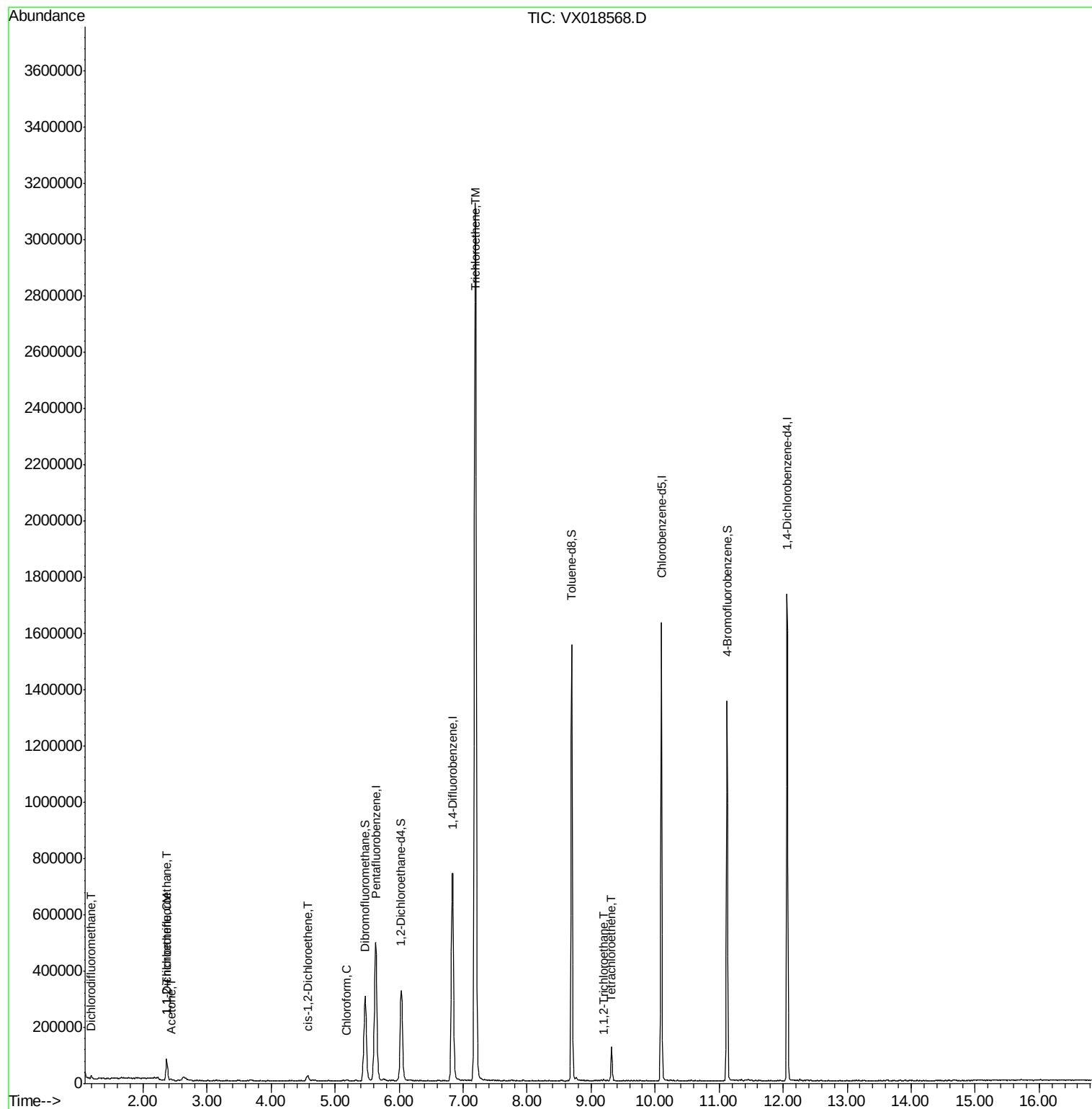
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	452251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	732226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	714327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	329128	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	5.47	113	254269	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	8.70	98	901885	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.12	95	332247	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	2851	0.665	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25929	5.967	ug/l	96
12) 1,1-Dichloroethene	2.36	96	4934	1.127	ug/l	87
16) Acetone	2.43	43	5186	2.120	ug/l #	79
27) cis-1,2-Dichloroethene	4.57	96	12248	2.147	ug/l	86
30) Chloroform	5.18	83	3591	0.385	ug/l #	83
44) Trichloroethene	7.19	130	1187375	201.381	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	1433	0.269	ug/l #	81
64) Tetrachloroethene	9.32	164	23623	4.201	ug/l	94

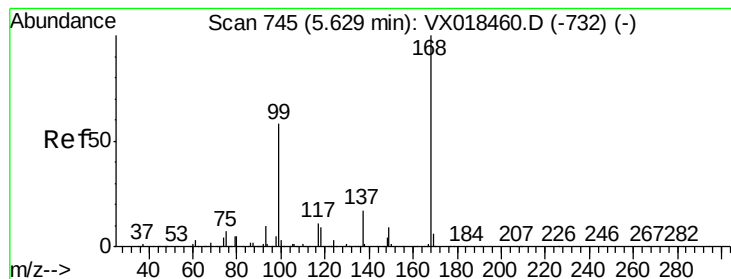
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092420\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
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: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

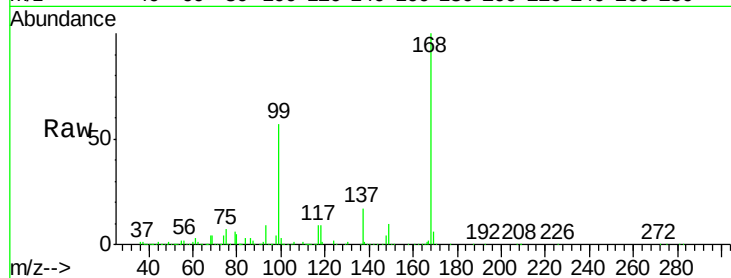
RE132D4-20200918

Tot Ion:168 Resp: 452251

Ion Ratio Lower Upper

168 100

99 57.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

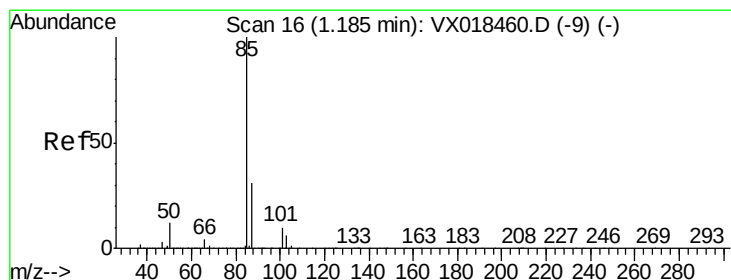
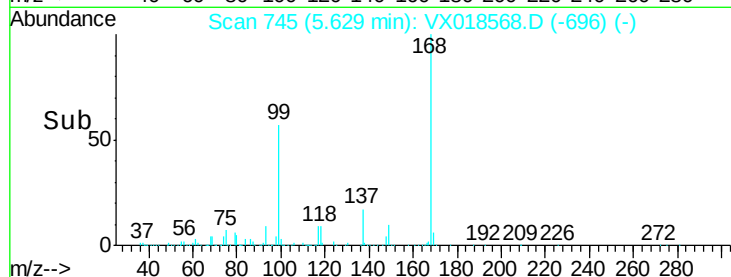
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.665 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018568.D

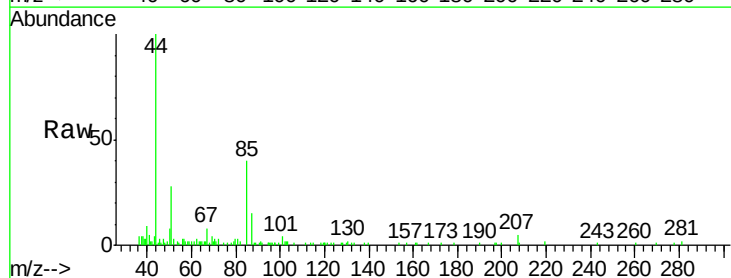
Acq: 24 Sep 2020 13:39

Tgt Ion: 85 Resp: 2851

Ion Ratio Lower Upper

85 100

87 34.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

3000

2500

2000

1500

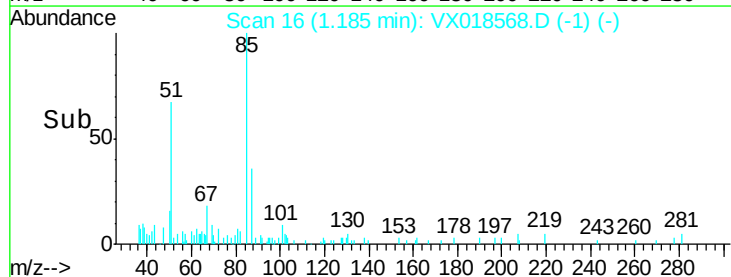
1000

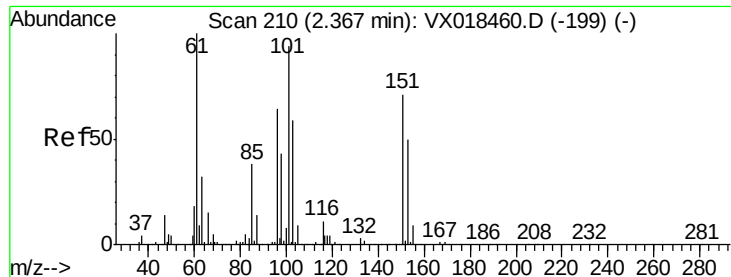
500

0

Time-->

1.15 1.20





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.967 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200918

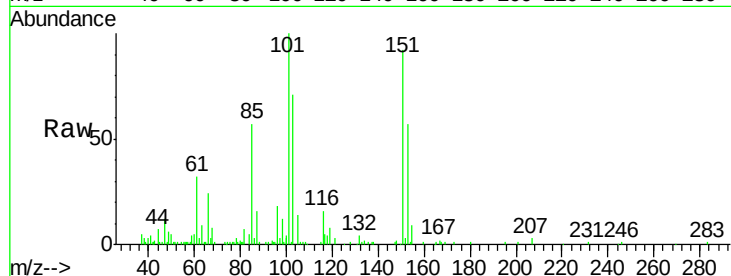
Tot Ion:101 Resp: 25929

Ion Ratio Lower Upper

101 100

85 48.4 34.7 52.1

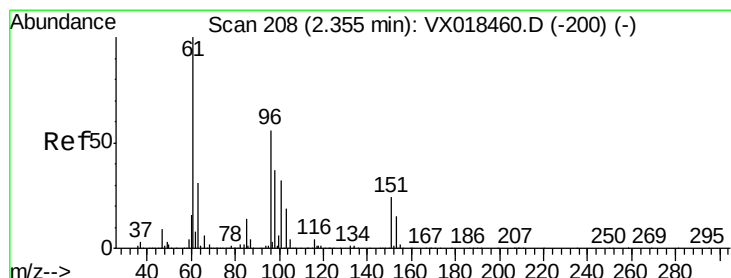
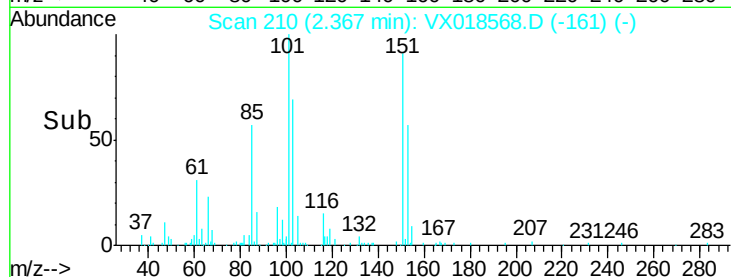
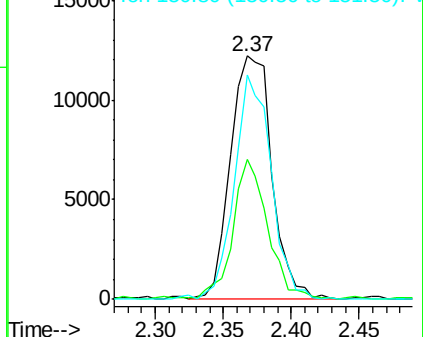
151 82.5 64.9 97.3



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: 1.127 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

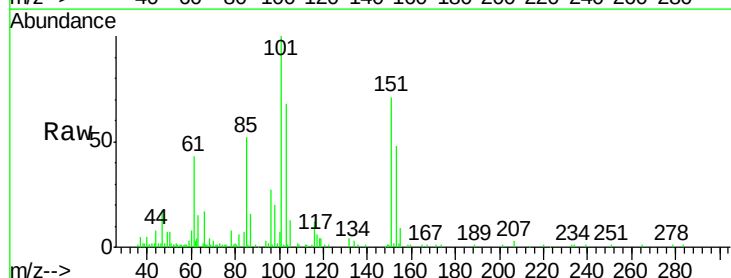
Tgt Ion: 96 Resp: 4934

Ion Ratio Lower Upper

96 100

61 158.1 142.2 213.4

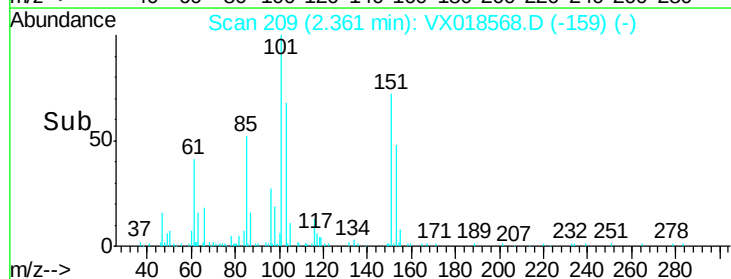
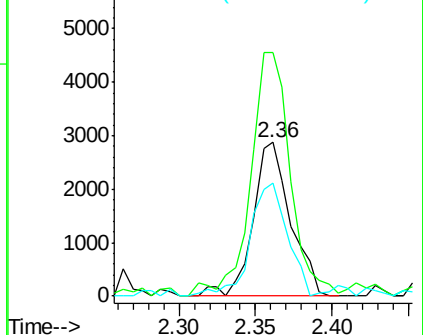
98 73.7 52.4 78.6

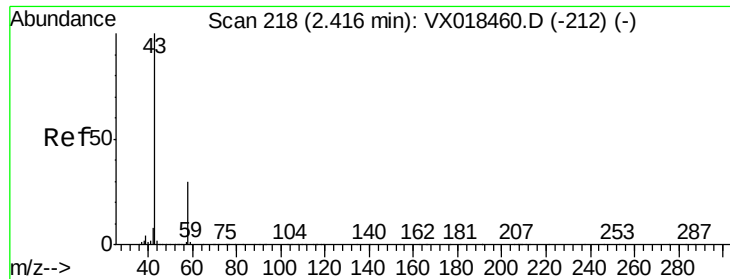


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 2.120 ug/l

RT: 2.43 min Scan# 221

Delta R.T. 0.02 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

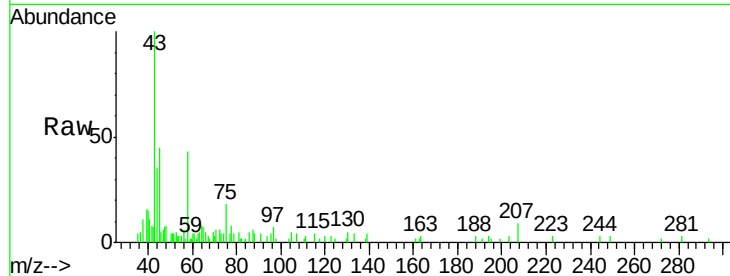
RE132D4-20200918

Tot Ion: 43 Resp: 5186

Ion Ratio Lower Upper

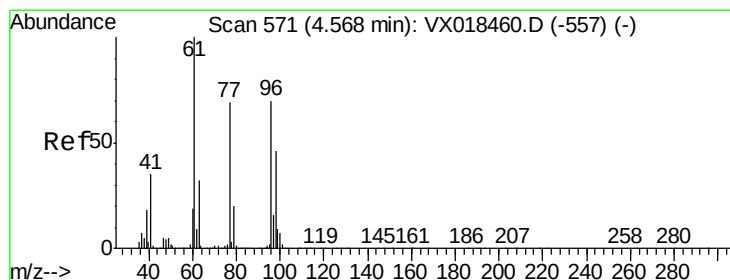
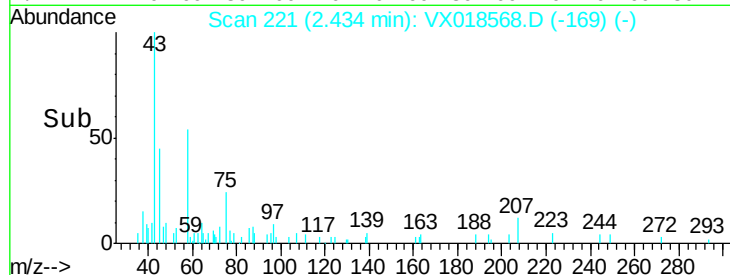
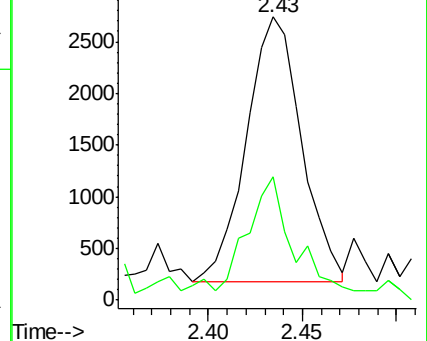
43 100

58 41.2 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.147 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

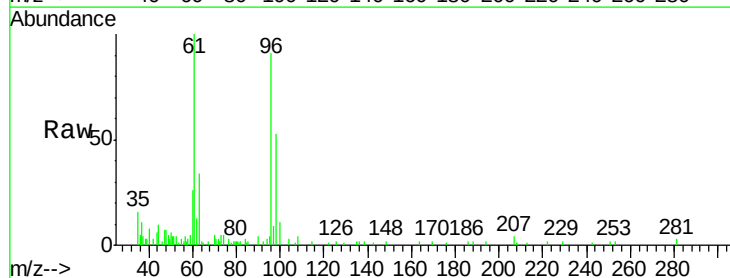
Tgt Ion: 96 Resp: 12248

Ion Ratio Lower Upper

96 100

61 124.8 0.0 300.0

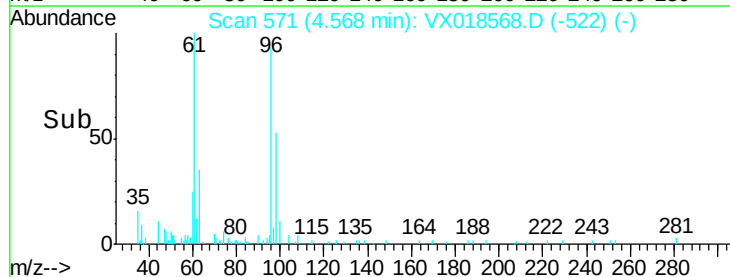
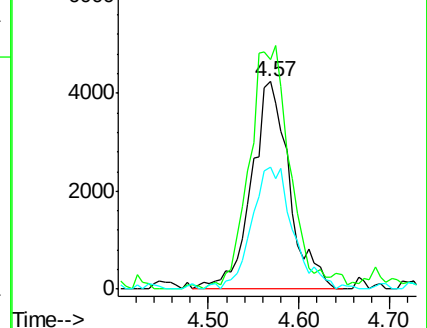
98 64.4 0.0 130.4

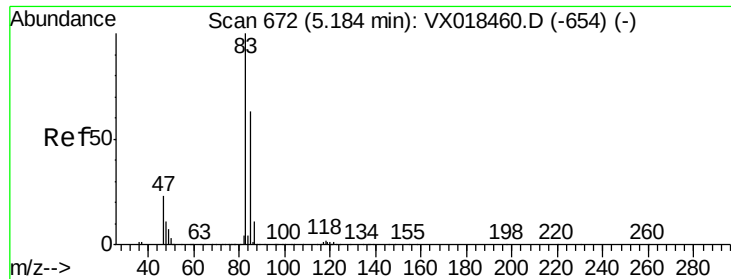


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

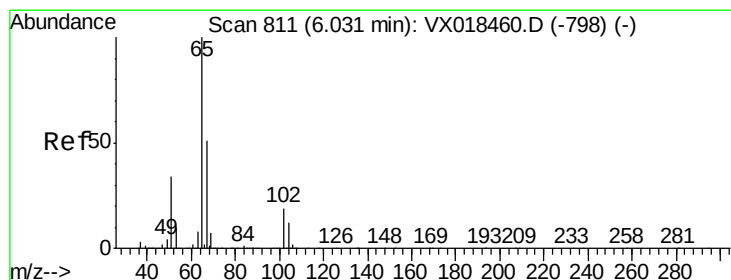
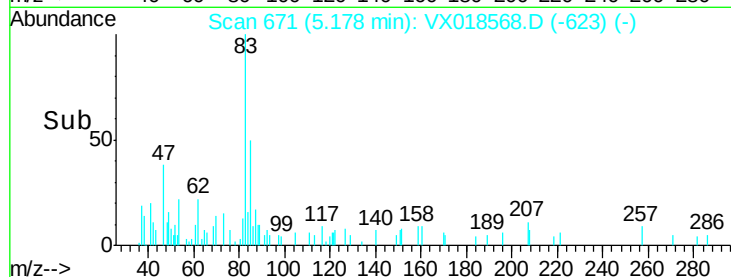
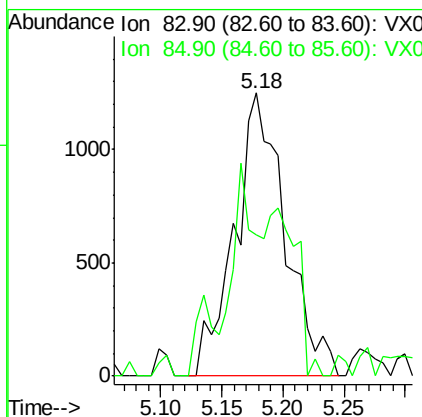
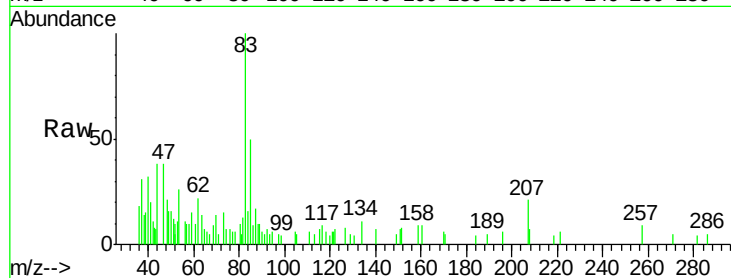




#30
Chloroform
Concen: 0.385 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018568.D
Acq: 24 Sep 2020 13:39

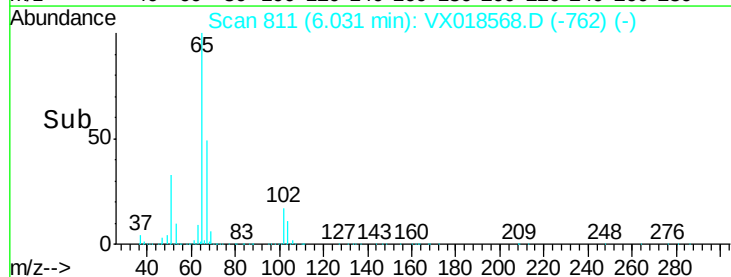
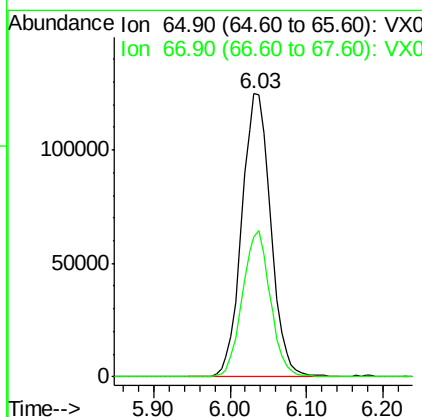
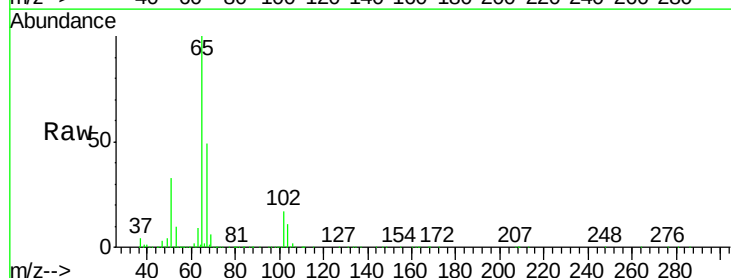
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20200918

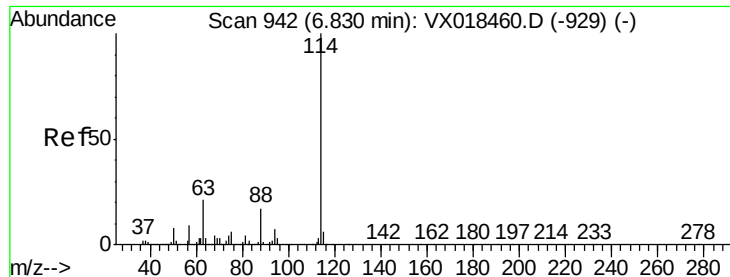
Tot Ion: 83 Resp: 3591
Ion Ratio Lower Upper
83 100
85 50.1 50.6 76.0#



#33
1,2-Dichloroethane-d4
Concen: 51.444 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018568.D
Acq: 24 Sep 2020 13:39

Tgt Ion: 65 Resp: 329128
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200918

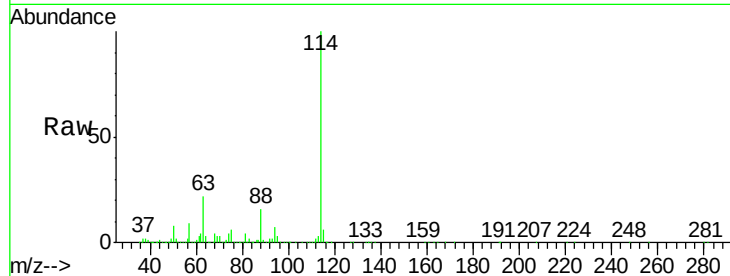
Tot Ion:114 Resp: 732226

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.8

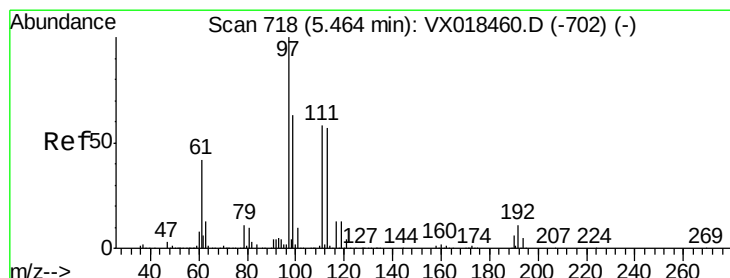
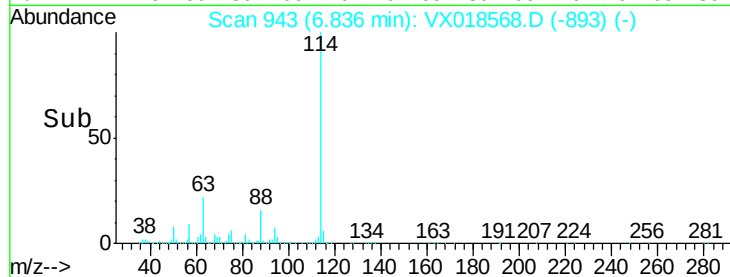
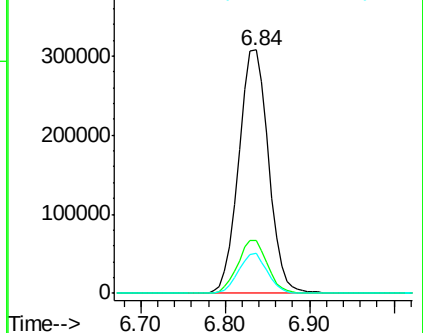
88 16.5 0.0 33.6



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: 50.231 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

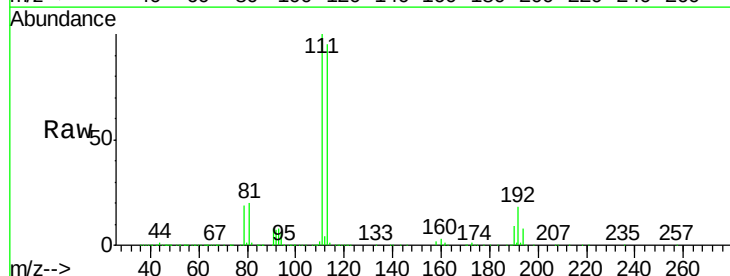
Tgt Ion:113 Resp: 254269

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

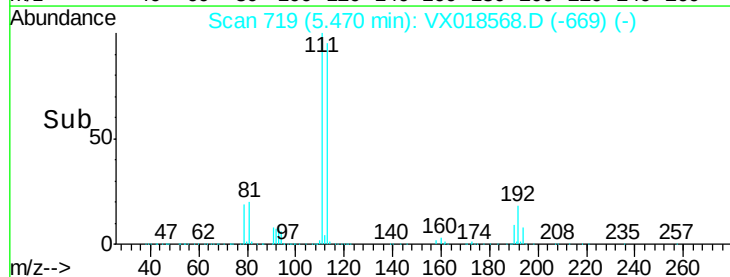
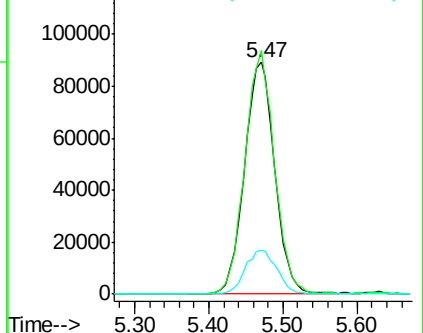
192 20.1 16.6 24.8

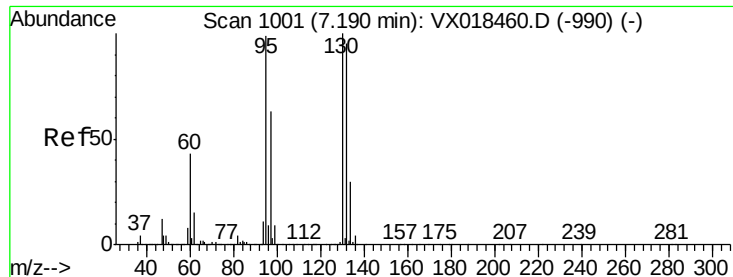


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 201.381 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

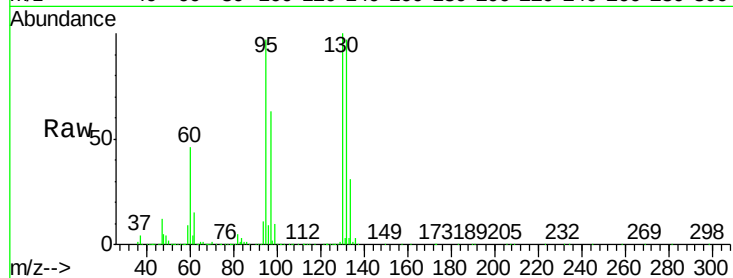
RE132D4-20200918

Tot Ion:130 Resp: 1187375

Ion Ratio Lower Upper

130 100

95 96.6 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

600000

500000

400000

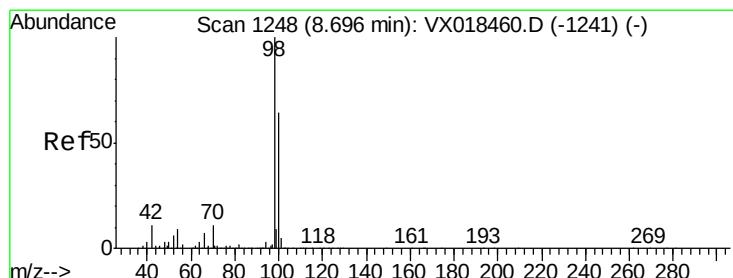
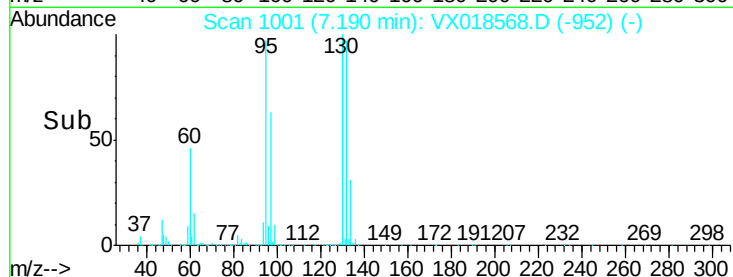
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 49.037 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018568.D

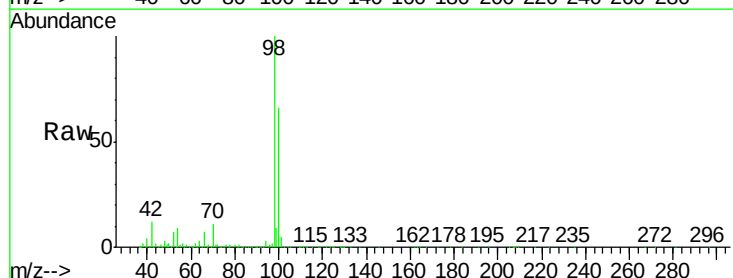
Acq: 24 Sep 2020 13:39

Tgt Ion: 98 Resp: 901885

Ion Ratio Lower Upper

98 100

100 64.8 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

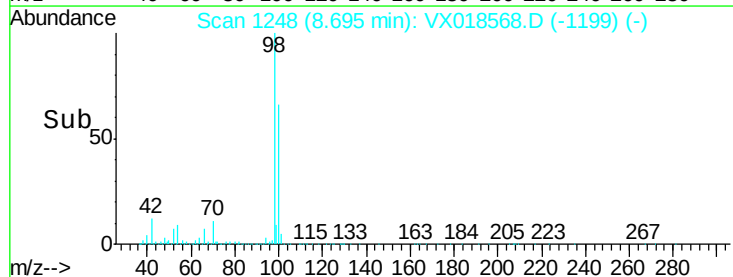
600000

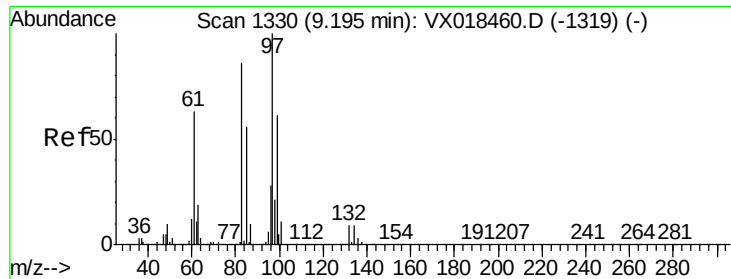
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 0.269 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200918

Tot Ion: 97 Resp: 1433

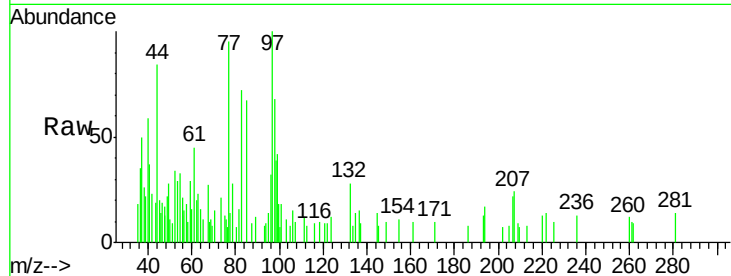
Ion Ratio Lower Upper

97 100

83 63.9 68.5 102.7#

85 53.3 44.8 67.2

99 81.1 48.9 73.3#

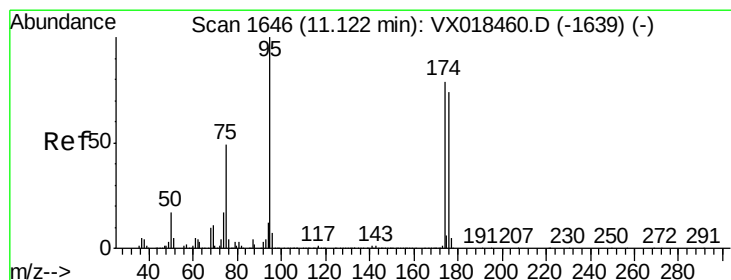
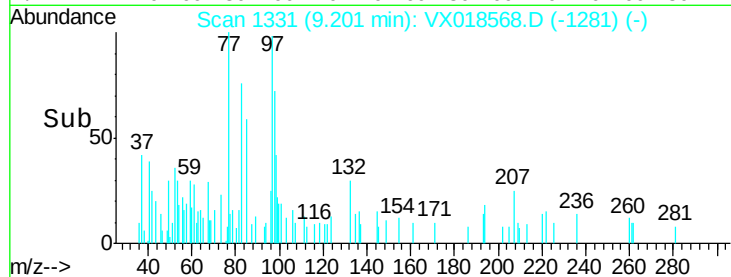
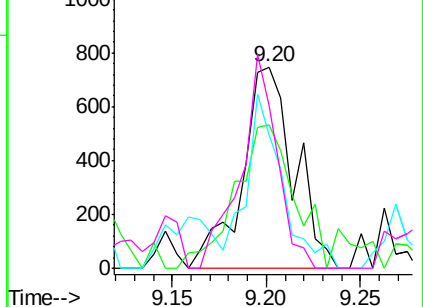


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#62

4-Bromofluorobenzene

Concen: 45.415 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

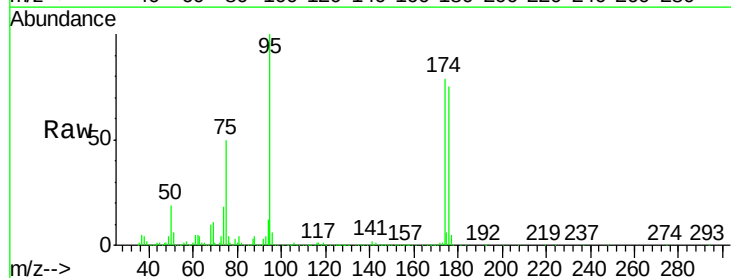
Tgt Ion: 95 Resp: 332247

Ion Ratio Lower Upper

95 100

174 82.3 0.0 161.4

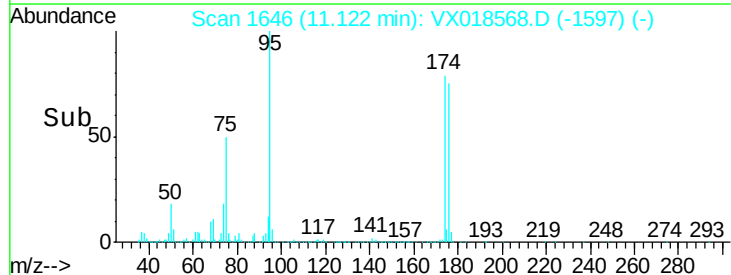
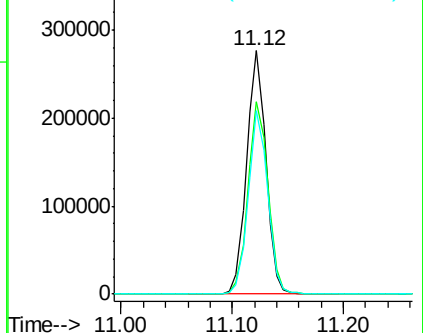
176 75.9 0.0 151.4

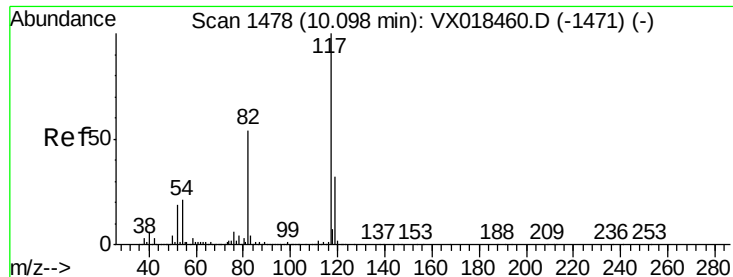


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

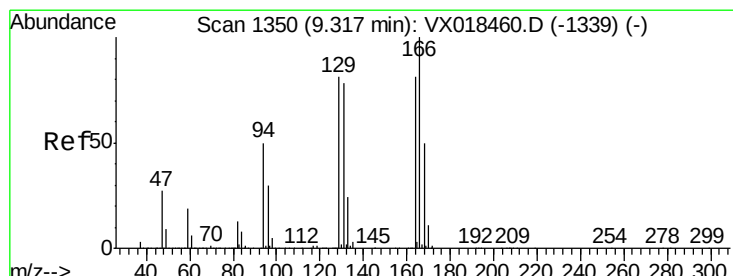
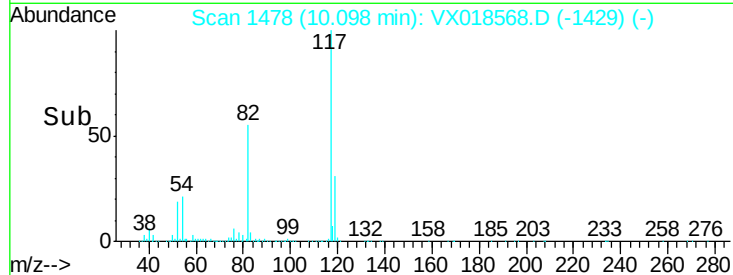
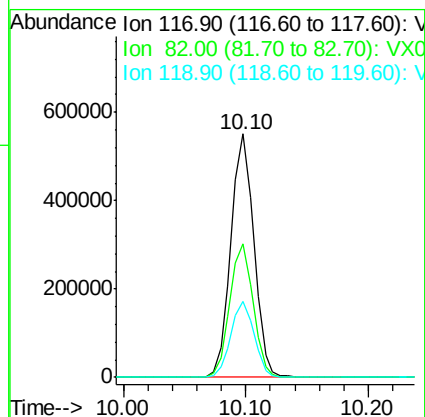
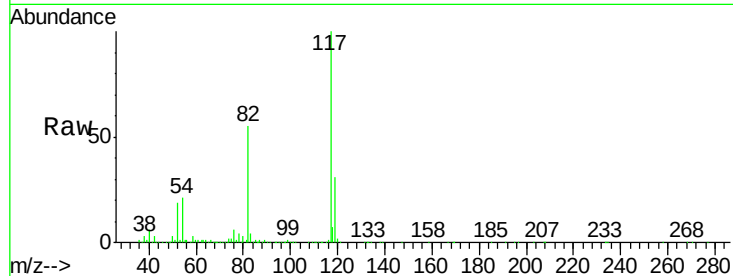




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018568.D
Acq: 24 Sep 2020 13:39

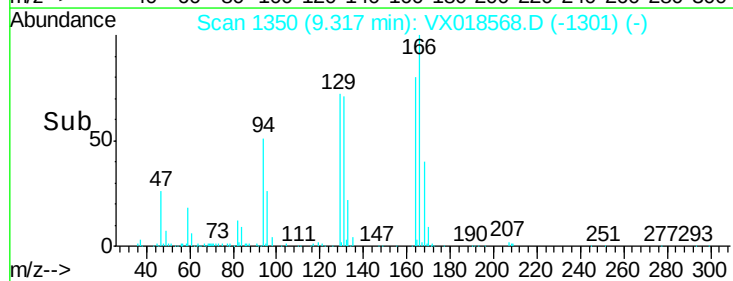
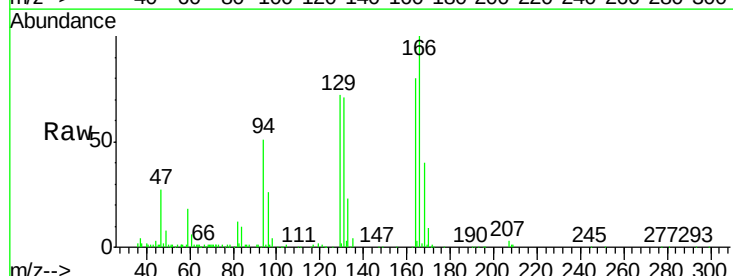
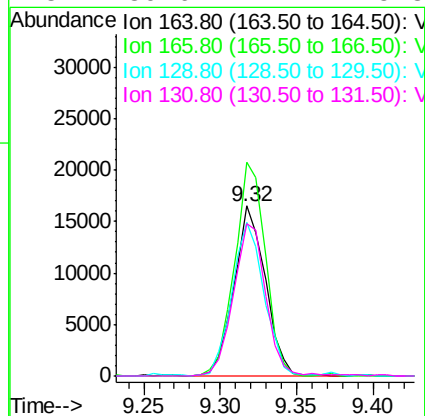
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20200918

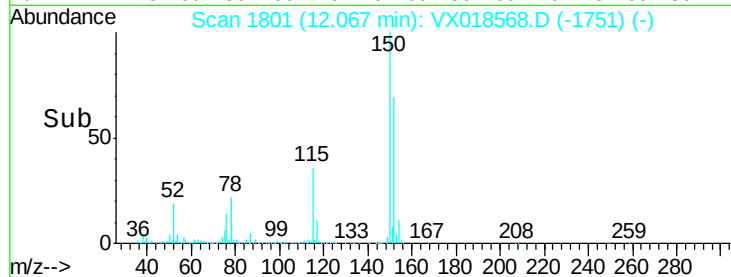
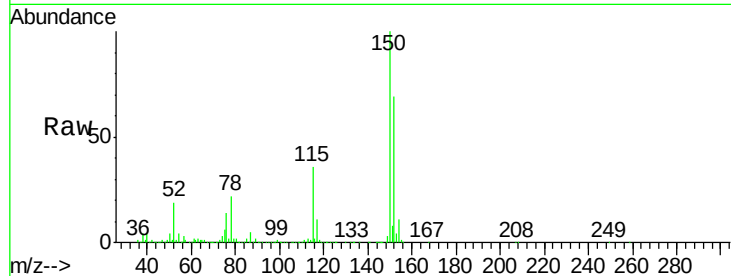
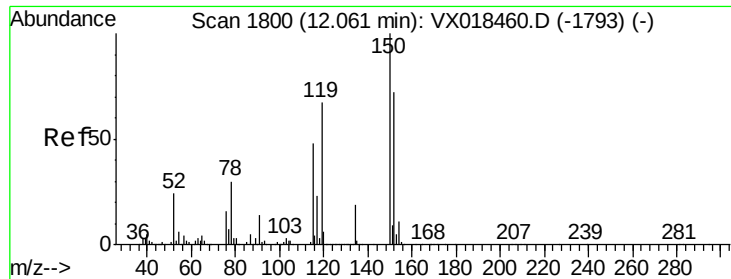
Tot Ion:117 Resp: 714327
Ion Ratio Lower Upper
117 100
82 54.8 43.3 64.9
119 31.2 25.9 38.9



#64
Tetrachloroethene
Concen: 4.201 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018568.D
Acq: 24 Sep 2020 13:39

Tgt Ion:164 Resp: 23623
Ion Ratio Lower Upper
164 100
166 125.6 99.3 148.9
129 90.3 80.7 121.1
131 89.6 77.2 115.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX018568.D

Acq: 24 Sep 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20200918

Tot Ion:152 Resp: 363292

Ion Ratio Lower Upper

152 100

115 59.0 41.8 125.4

150 153.2 0.0 342.4

