

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018601.D
 Acq On : 25 Sep 2020 17:25
 Operator : JC/SP
 Sample : L4118-13DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20200919DL

Quant Time: Sep 28 03:15:26 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	5.64	168	484922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	783917	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	745736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	376717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	339524	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
35) Dibromofluoromethane	5.46	113	265373	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
50) Toluene-d8	8.70	98	945085	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.12	95	366297	46.77	ug/l	0.00
Spiked Amount			Recovery	=	93.54%	

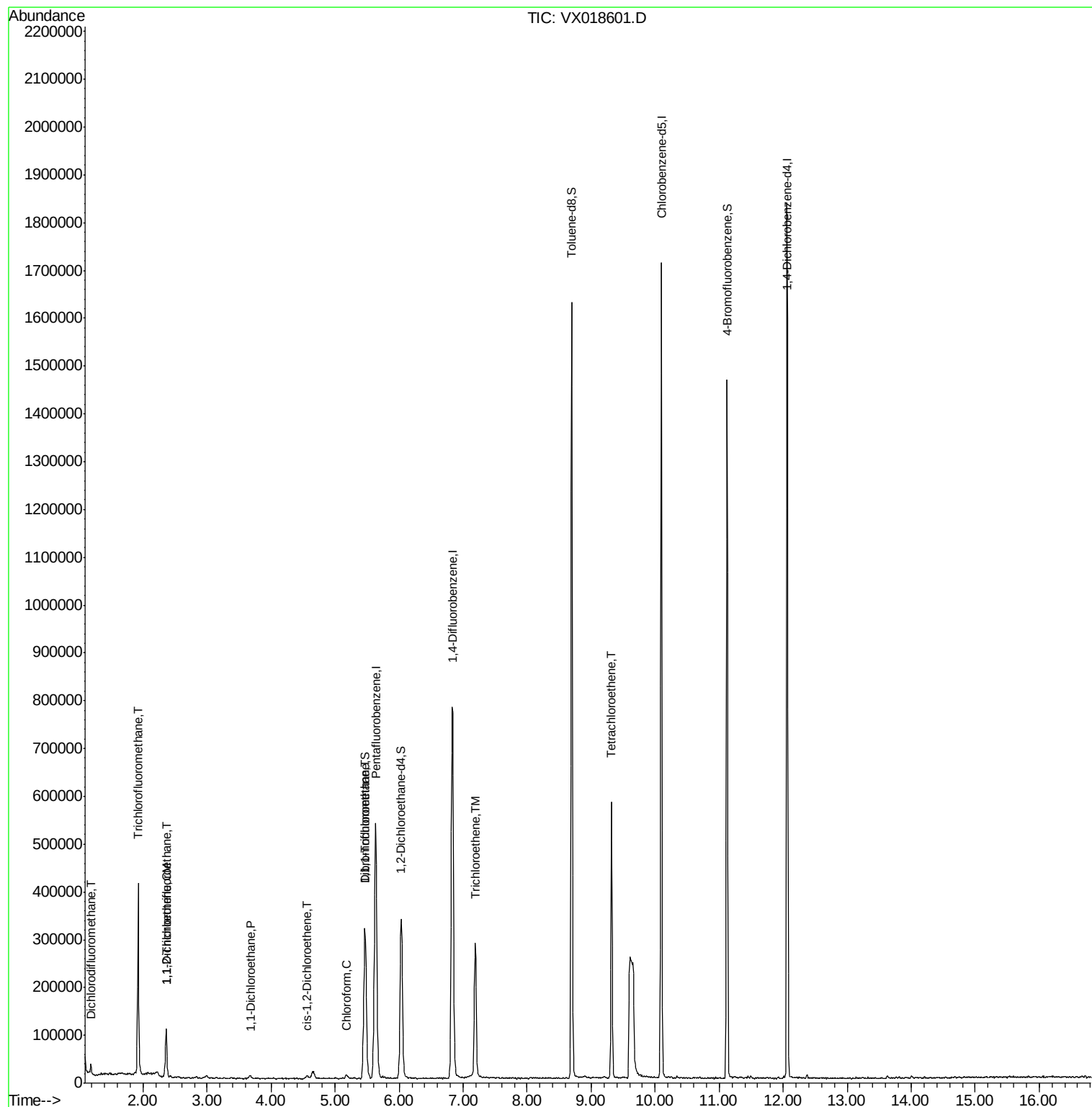
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	9671	2.104	ug/l	99
7) Trichlorofluoromethane	1.92	101	248541	28.712	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	2934	0.630	ug/l #	84
12) 1,1-Dichloroethene	2.36	96	32194	6.855	ug/l	92
24) 1,1-Dichloroethane	3.68	63	7327	0.743	ug/l #	94
27) cis-1,2-Dichloroethene	4.57	96	3358	0.549	ug/l	90
30) Chloroform	5.17	83	8141	0.813	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	12035	1.282	ug/l #	48
44) Trichloroethene	7.19	130	101975	16.155	ug/l	93
64) Tetrachloroethene	9.32	164	106521	18.143	ug/l	93

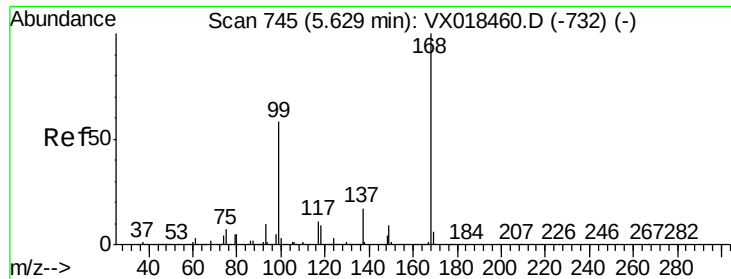
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092520\
Data File : VX018601.D
Acq On : 25 Sep 2020 17:25
Operator : JC/SP
Sample : L4118-13DL 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20200919DL

Quant Time: Sep 28 03:15:26 2020
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: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

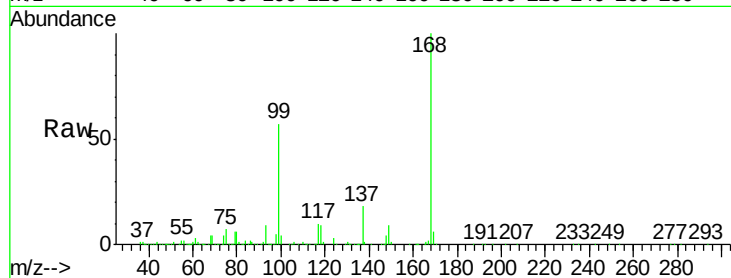
MW201D-20200919DL

Tot Ion:168 Resp: 484922

Ion Ratio Lower Upper

168 100

99 56.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

150000

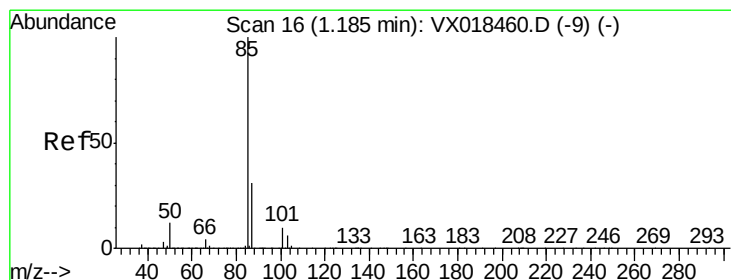
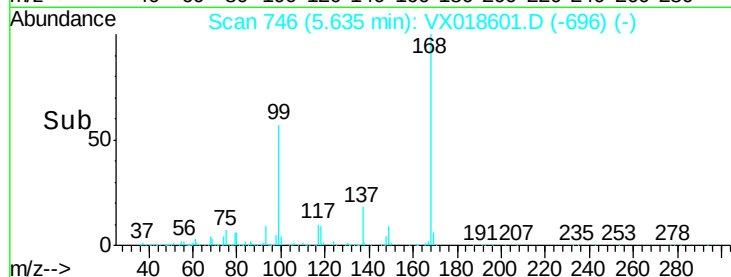
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 2.104 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018601.D

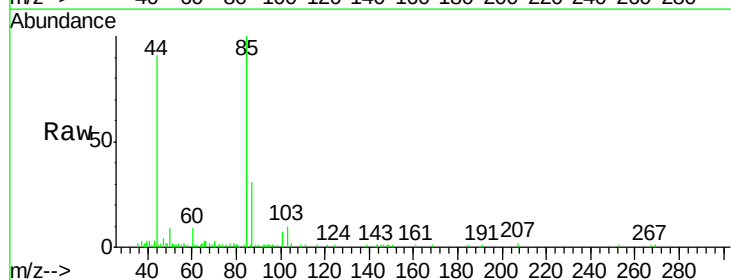
Acq: 25 Sep 2020 17:25

Tgt Ion: 85 Resp: 9671

Ion Ratio Lower Upper

85 100

87 30.8 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

12000

10000

8000

6000

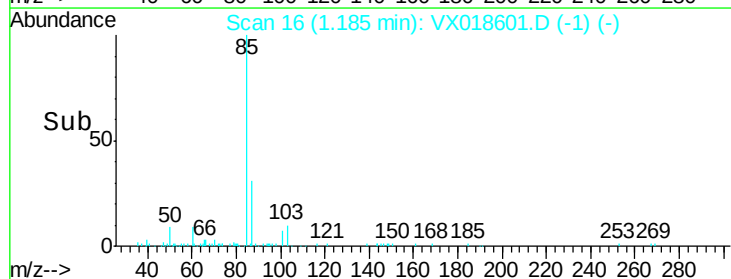
4000

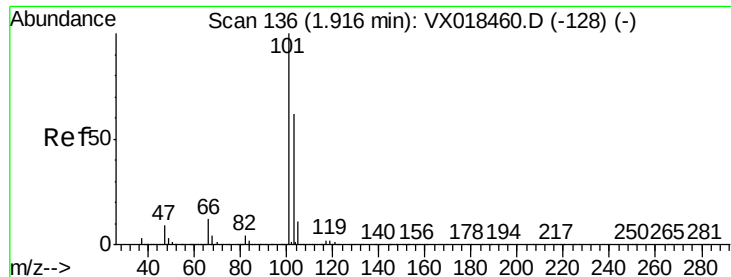
2000

0

Time-->

1.15 1.20 1.25



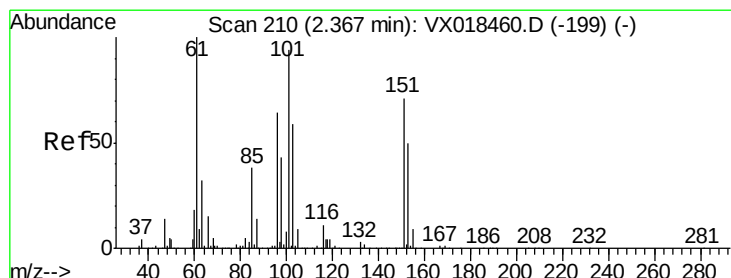
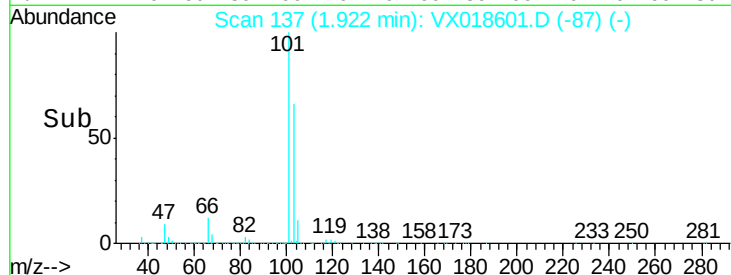
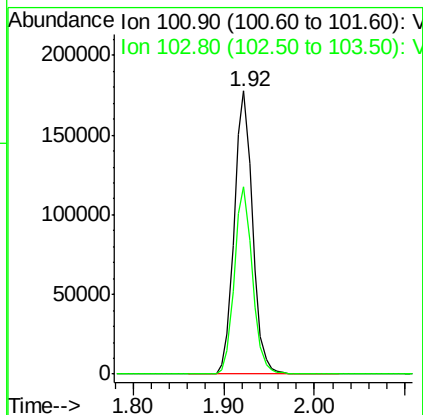
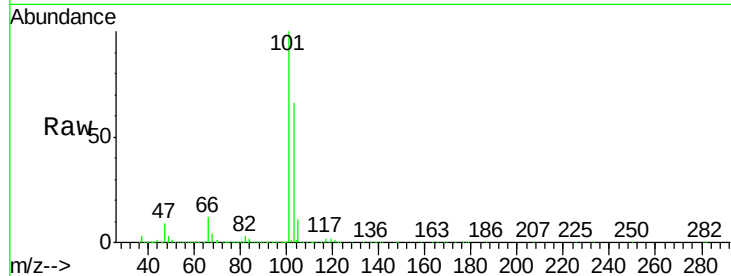


#7

Trichlorofluoromethane
 Concen: 28.712 ug/l
 RT: 1.92 min Scan# 137
 Delta R.T. 0.01 min
 Lab File: VX018601.D
 Acq: 25 Sep 2020 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20200919DL

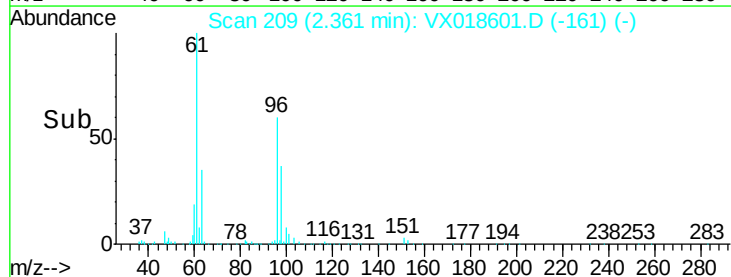
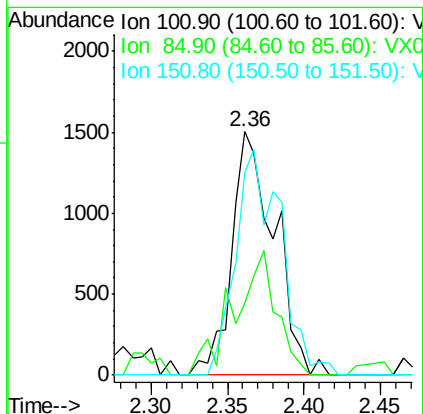
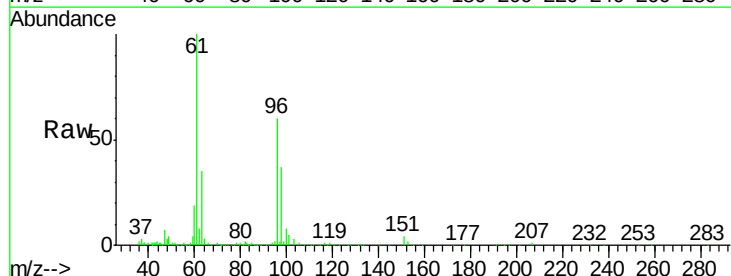
Tot Ion:101 Resp: 248541
 Ion Ratio Lower Upper
 101 100
 103 66.2 49.6 74.4

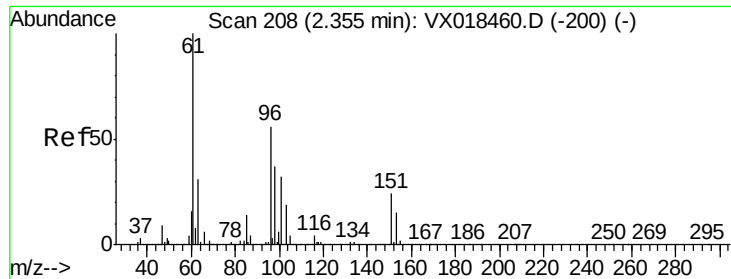


#9

1,1,2-Trichlorotrifluoroethane
 Concen: 0.630 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. -0.01 min
 Lab File: VX018601.D
 Acq: 25 Sep 2020 17:25

Tgt Ion:101 Resp: 2934
 Ion Ratio Lower Upper
 101 100
 85 50.7 34.7 52.1
 151 97.7 64.9 97.3#

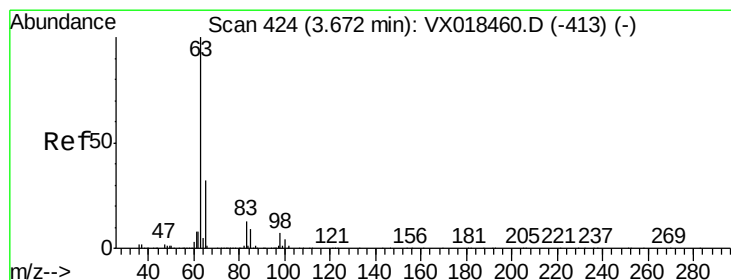
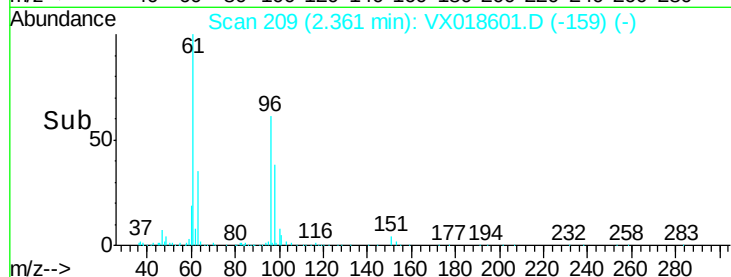
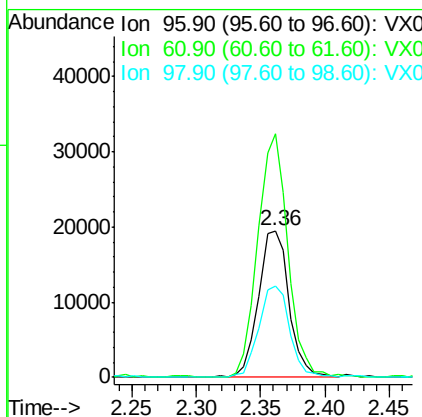
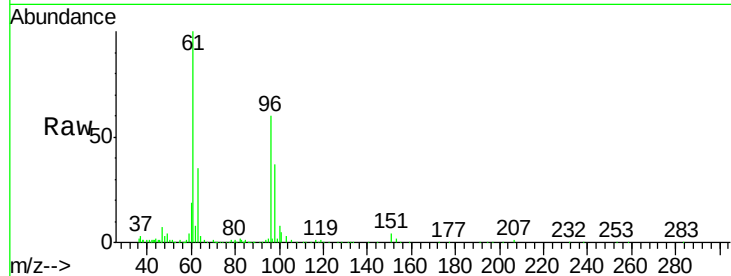




#12
 1,1-Dichloroethene
 Concen: 6.855 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX018601.D
 Acq: 25 Sep 2020 17:25

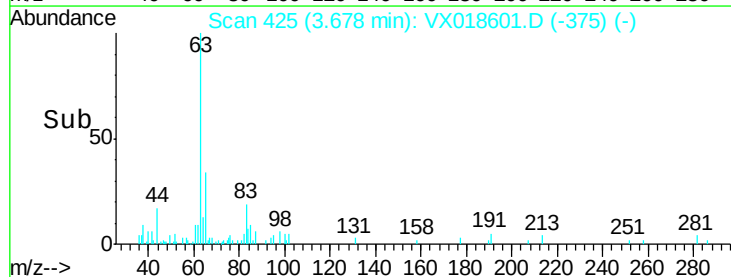
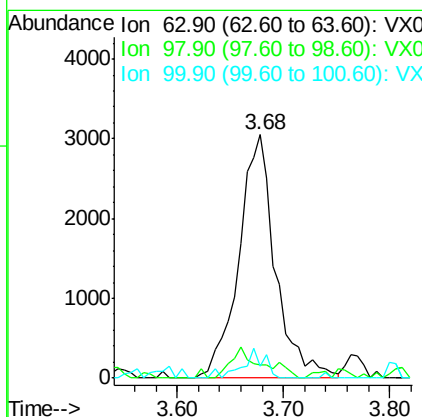
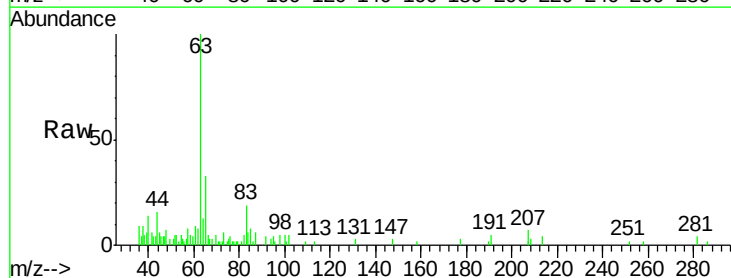
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20200919DL

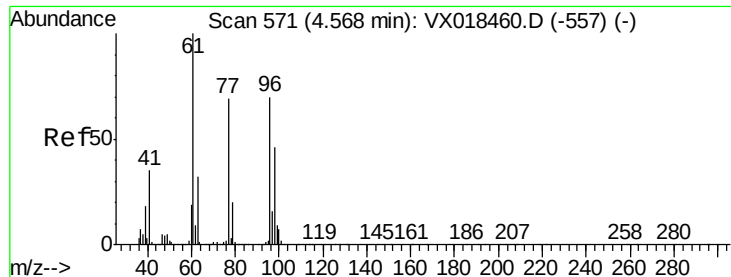
Tot Ion: 96 Resp: 32194
 Ion Ratio Lower Upper
 96 100
 61 164.5 142.2 213.4
 98 62.1 52.4 78.6



#24
 1,1-Dichloroethane
 Concen: 0.743 ug/l
 RT: 3.68 min Scan# 425
 Delta R.T. 0.01 min
 Lab File: VX018601.D
 Acq: 25 Sep 2020 17:25

Tgt Ion: 63 Resp: 7327
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.6
 100 6.9 1.9 5.7#





#27

cis-1,2-Dichloroethene

Concen: 0.549 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200919DL

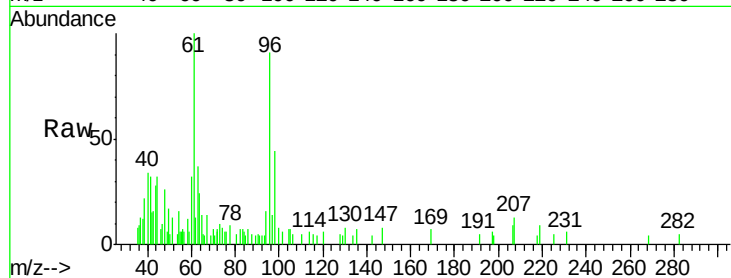
Tot Ion: 96 Resp: 3358

Ion Ratio Lower Upper

96 100

61 132.1 0.0 300.0

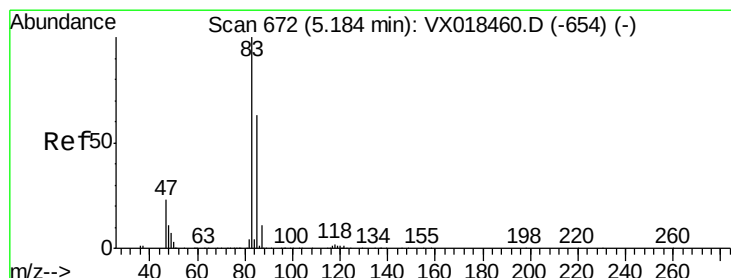
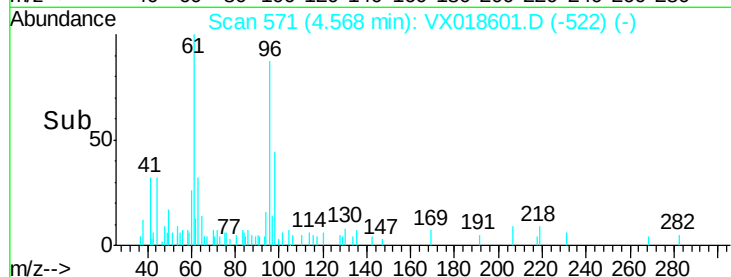
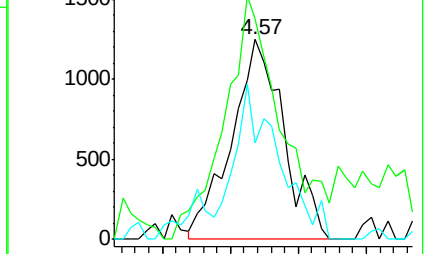
98 64.9 0.0 130.4



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: 0.813 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018601.D

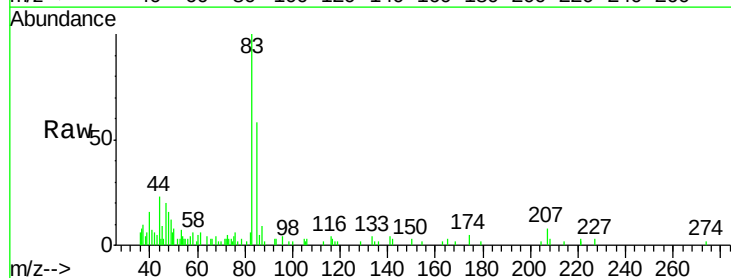
Acq: 25 Sep 2020 17:25

Tgt Ion: 83 Resp: 8141

Ion Ratio Lower Upper

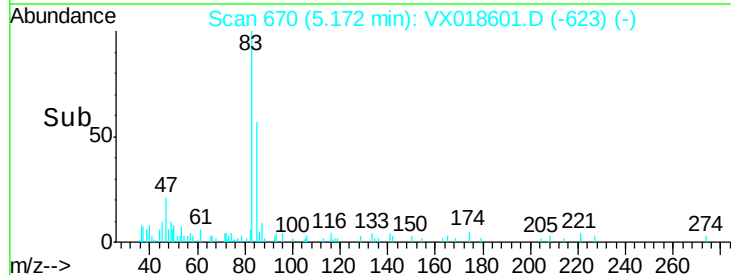
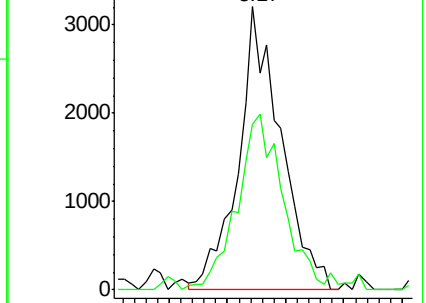
83 100

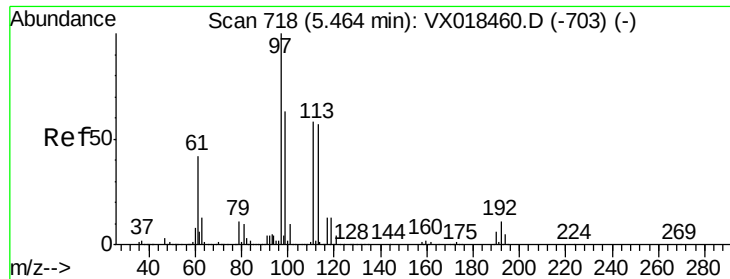
85 56.7 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#32

1,1,1-Trichloroethane

Concen: 1.282 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200919DL

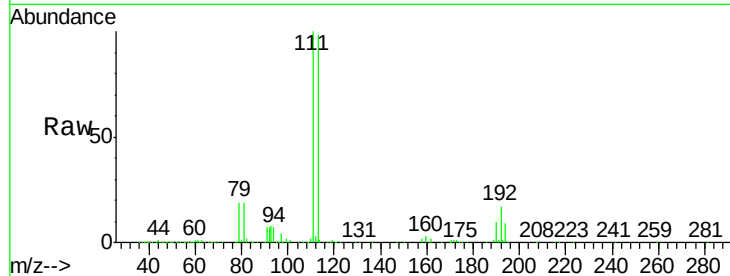
Tot Ion: 97 Resp: 12035

Ion Ratio Lower Upper

97 100

99 0.0 50.5 75.7#

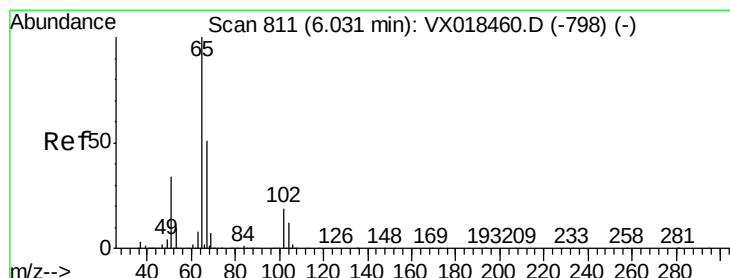
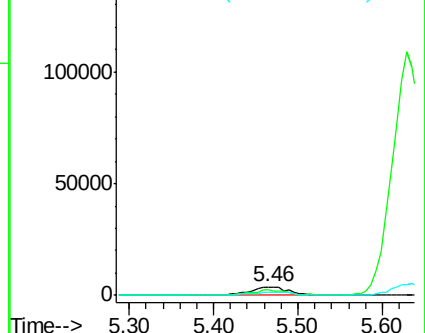
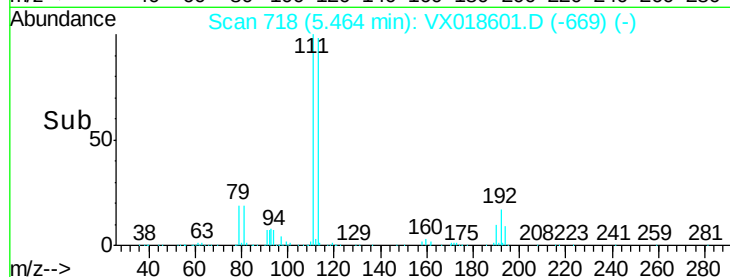
61 46.0 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.494 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018601.D

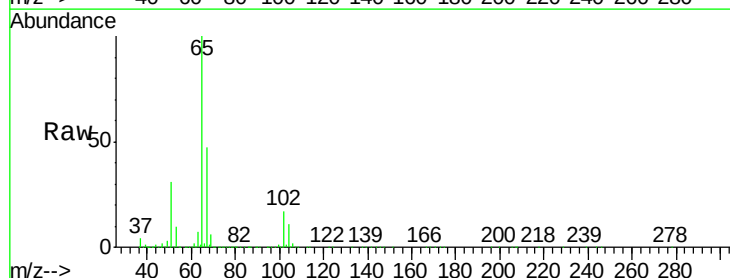
Acq: 25 Sep 2020 17:25

Tgt Ion: 65 Resp: 339524

Ion Ratio Lower Upper

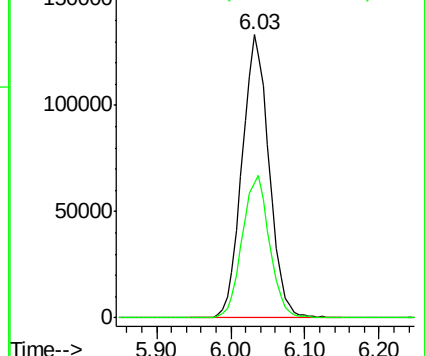
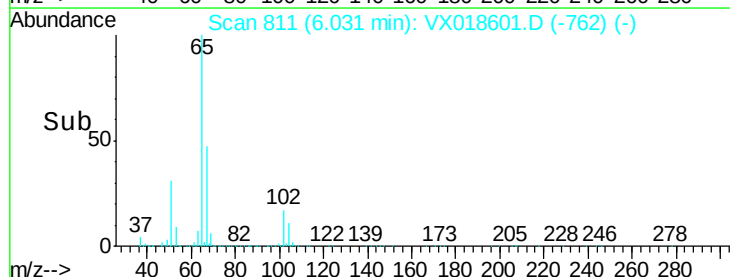
65 100

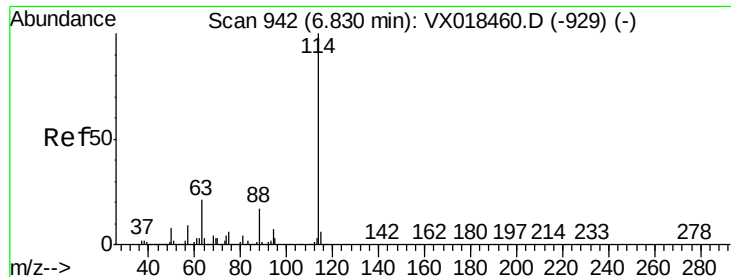
67 50.8 0.0 105.6



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200919DL

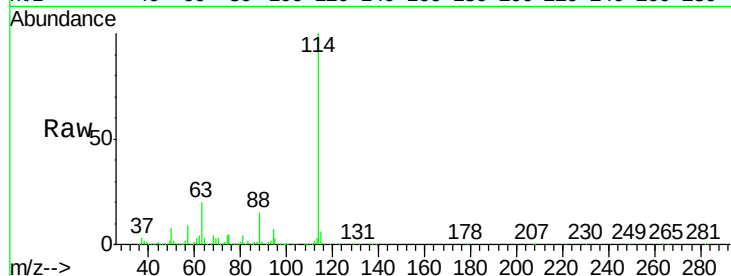
Tot Ion:114 Resp: 783917

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

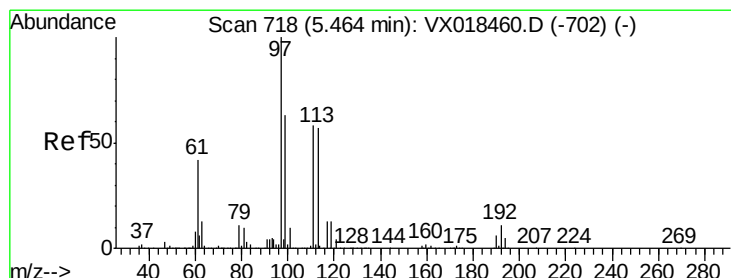
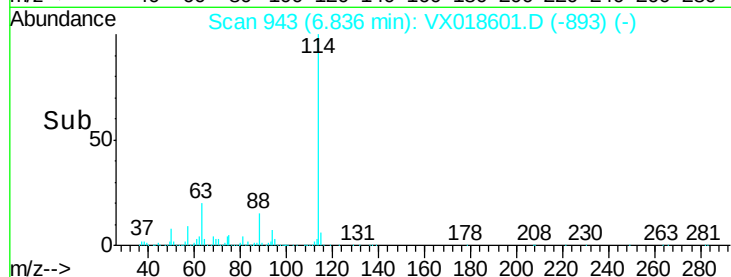
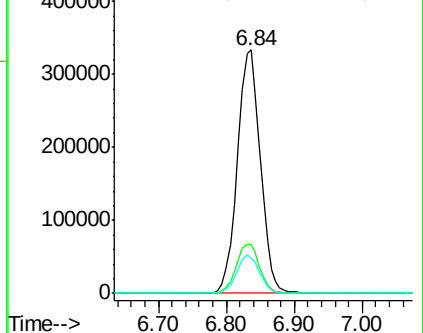
88 14.6 0.0 33.6



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: 48.968 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

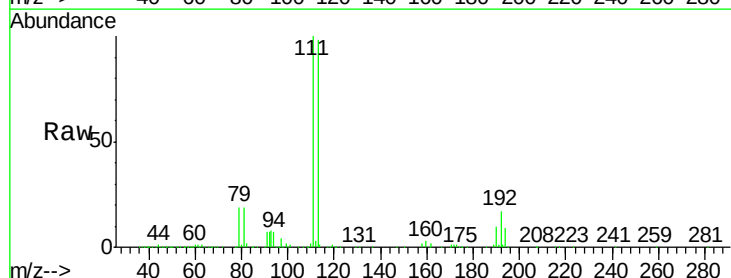
Tgt Ion:113 Resp: 265373

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

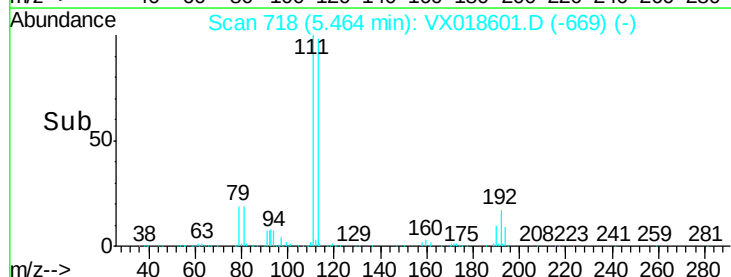
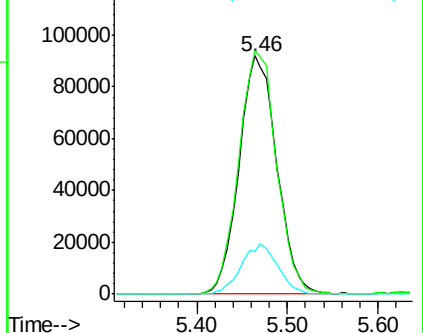
192 20.4 16.6 24.8

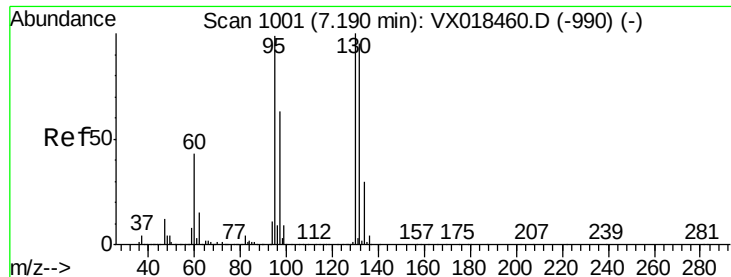


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 16.155 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

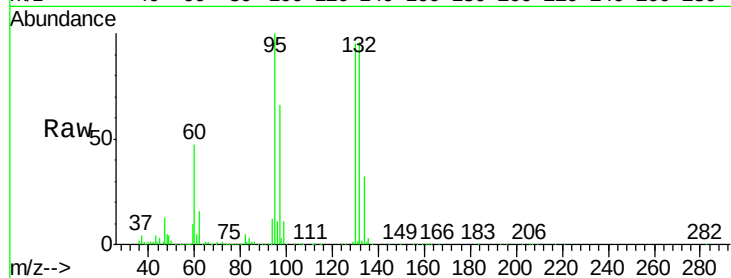
MW201D-20200919DL

Tot Ion:130 Resp: 101975

Ion Ratio Lower Upper

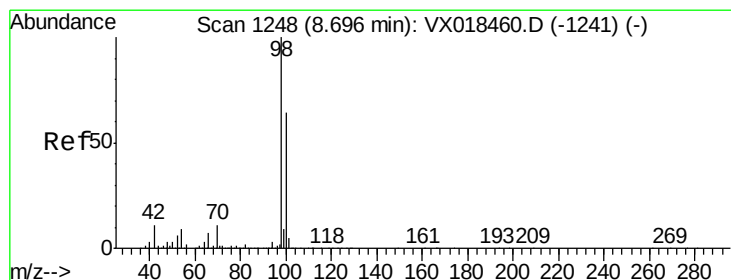
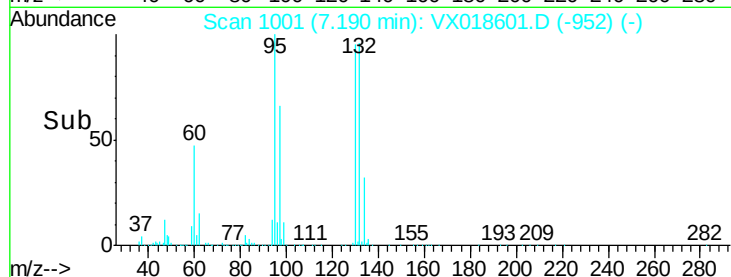
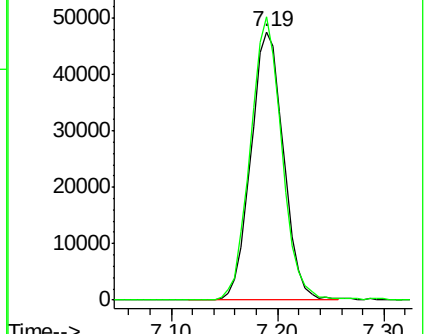
130 100

95 105.5 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 47.998 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018601.D

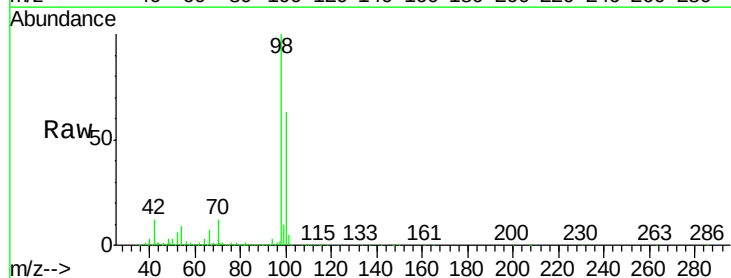
Acq: 25 Sep 2020 17:25

Tgt Ion: 98 Resp: 945085

Ion Ratio Lower Upper

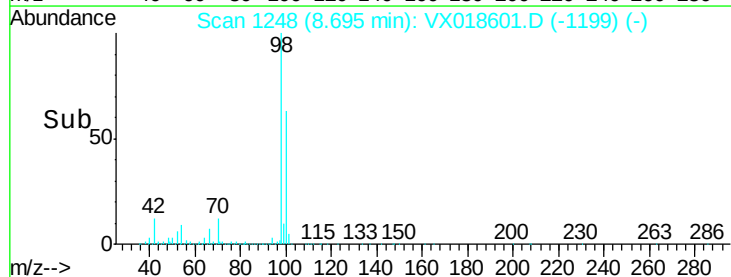
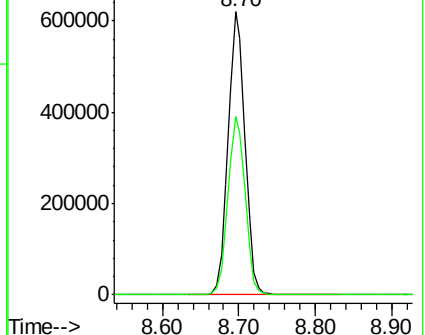
98 100

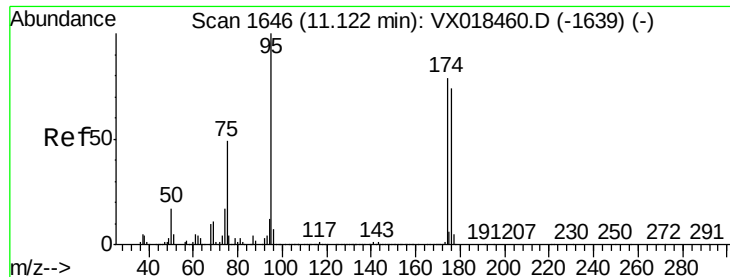
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.767 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200919DL

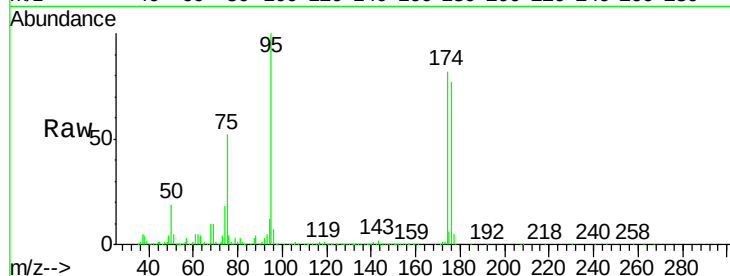
Tot Ion: 95 Resp: 366297

Ion Ratio Lower Upper

95 100

174 81.6 0.0 161.4

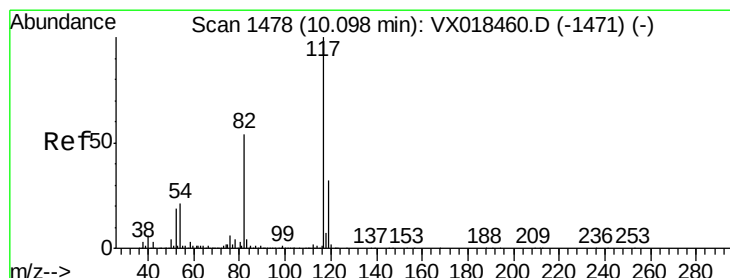
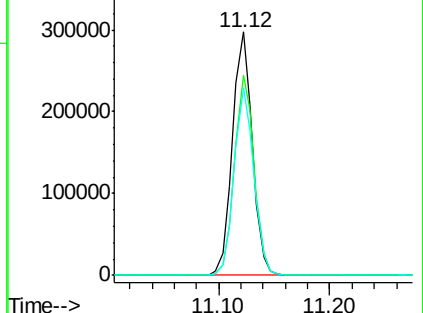
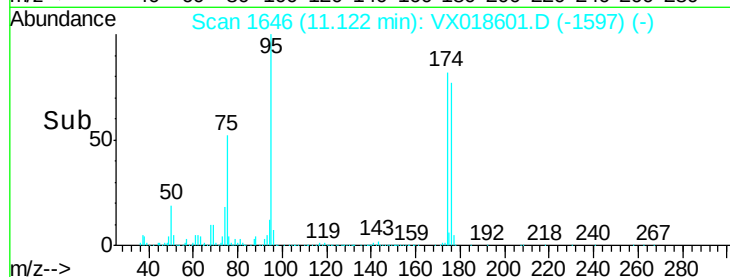
176 76.7 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX018601.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX018601.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX018601.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

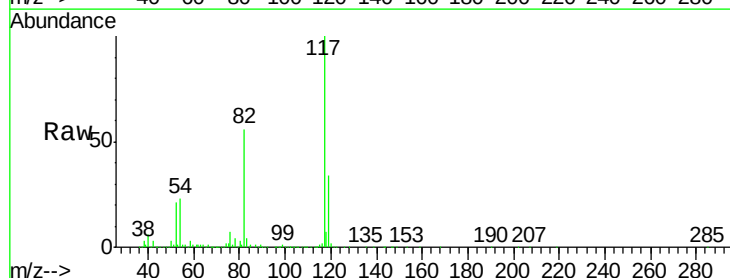
Tgt Ion: 117 Resp: 745736

Ion Ratio Lower Upper

117 100

82 56.3 43.3 64.9

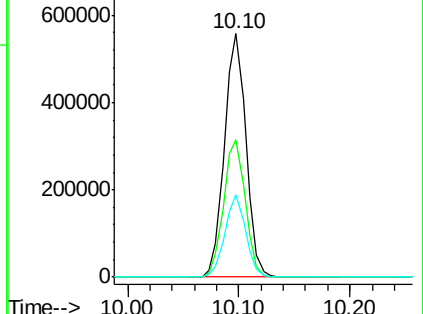
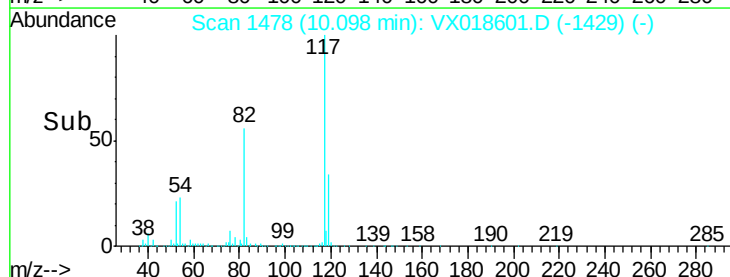
119 33.9 25.9 38.9

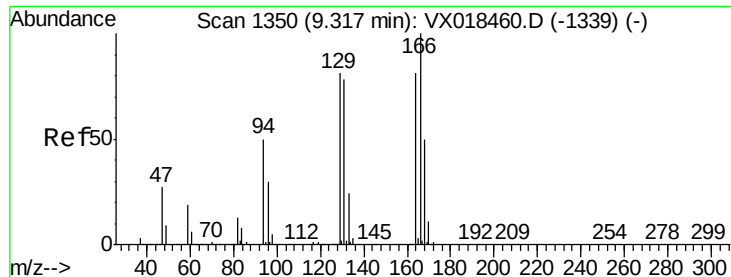


Abundance Ion 116.90 (116.60 to 117.60): VX018601.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX018601.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX018601.D (-1429) (-)





#64

Tetrachloroethene

Concen: 18.143 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018601.D

Acq: 25 Sep 2020 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200919DL

Tot Ion:164 Resp: 106521

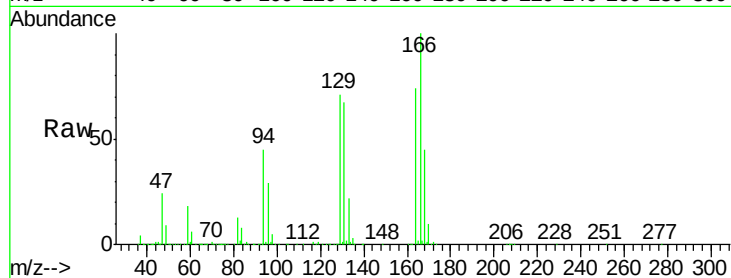
Ion Ratio Lower Upper

164 100

166 134.3 99.3 148.9

129 94.9 80.7 121.1

131 90.2 77.2 115.8

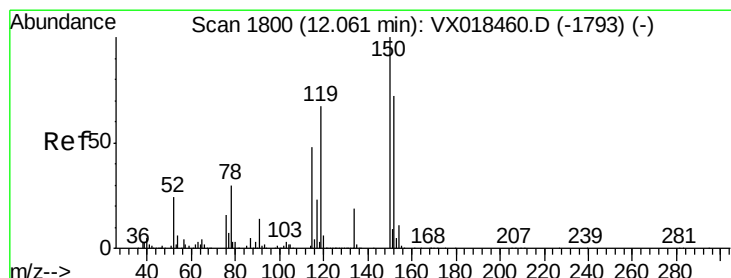
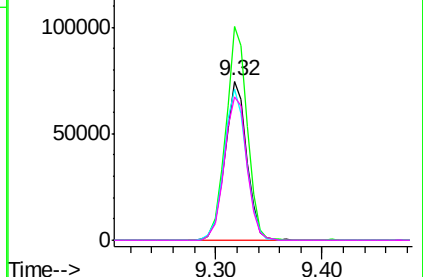
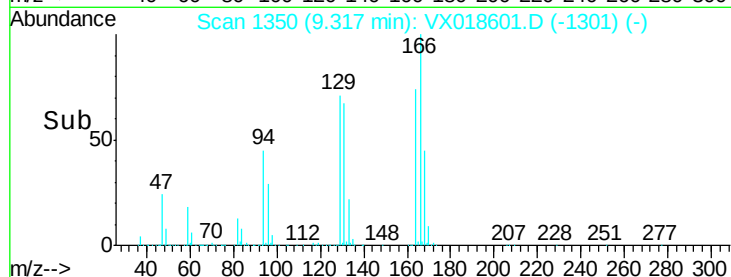


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX018601.D

Acq: 25 Sep 2020 17:25

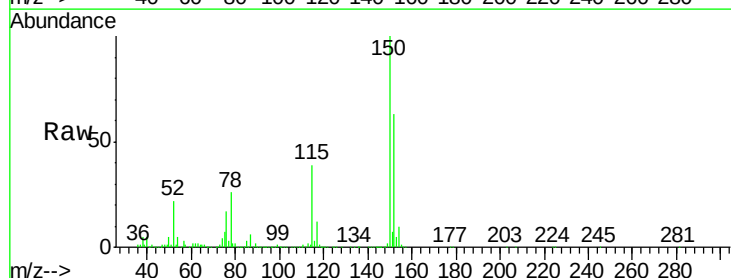
Tgt Ion:152 Resp: 376717

Ion Ratio Lower Upper

152 100

115 58.9 41.8 125.4

150 154.8 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

