

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015250.D
 Acq On : 13 Mar 2020 11:34
 Operator : JC/SP
 Sample : L1903-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20200307

Quant Time: Mar 16 15:09:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	270772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	414494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	211048	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	152186	47.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.74%	
35) Dibromofluoromethane	5.49	113	131613	48.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	521601	50.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.14	95	192037	52.25	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.50%	

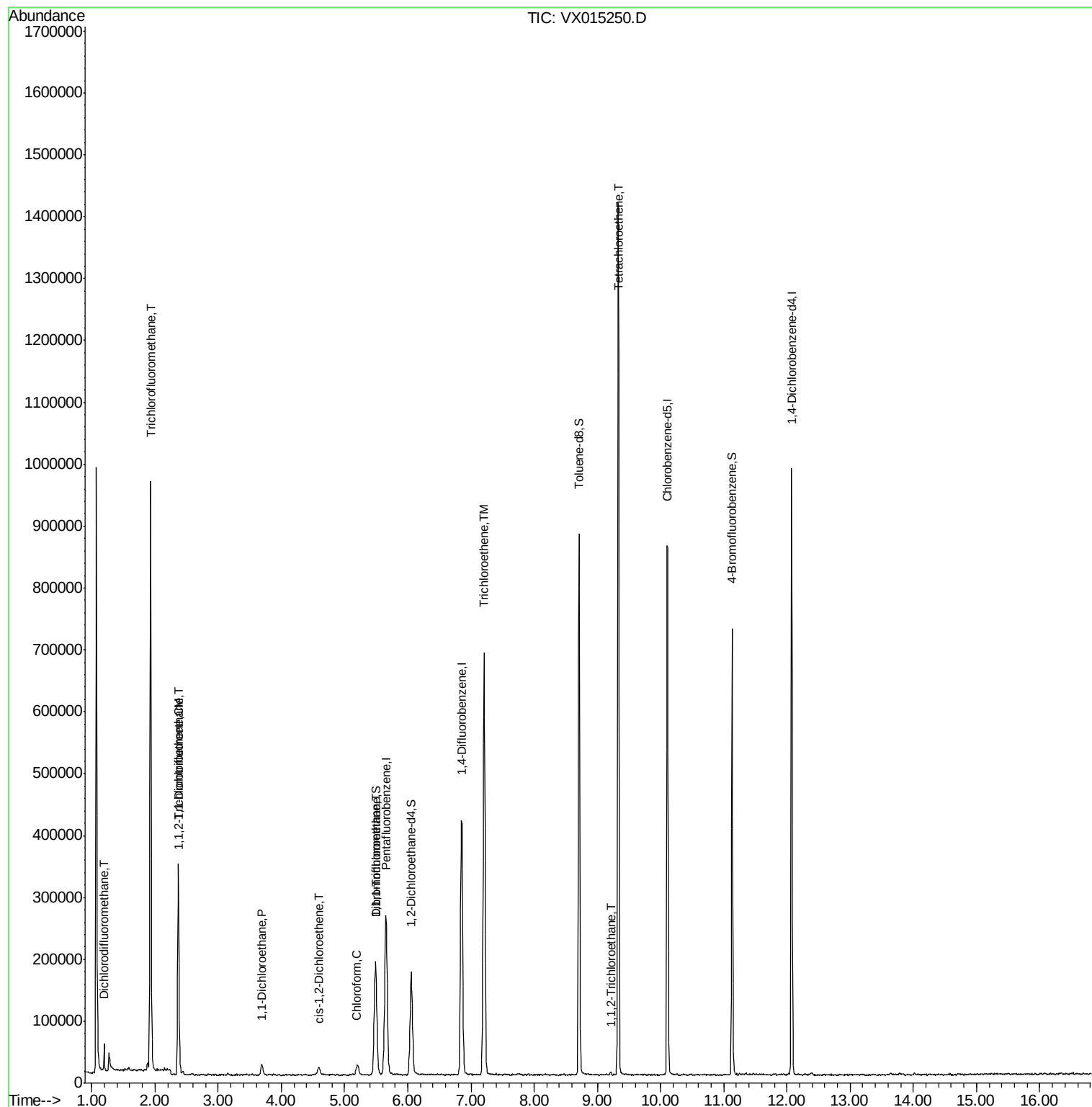
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	24123	10.174	ug/l	97
7) Trichlorofluoromethane	1.93	101	583365	143.956	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	7817	3.066	ug/l	96
12) 1,1-Dichloroethene	2.37	96	110394	41.954	ug/l	98
24) 1,1-Dichloroethane	3.69	63	19727	3.888	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	8982	2.850	ug/l	91
30) Chloroform	5.20	83	21579	4.364	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	26754	6.527	ug/l	98
44) Trichloroethene	7.21	130	272446	83.074	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	1677	0.566	ug/l #	80
64) Tetrachloroethene	9.33	164	284138	82.910	ug/l	97

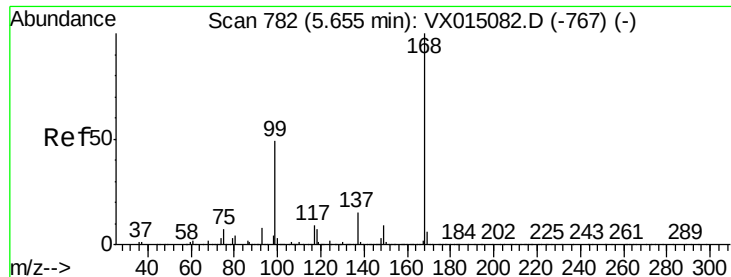
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031320\
Data File : VX015250.D
Acq On : 13 Mar 2020 11:34
Operator : JC/SP
Sample : L1903-06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20200307

Quant Time: Mar 16 15:09:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015250.D

Acq: 13 Mar 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

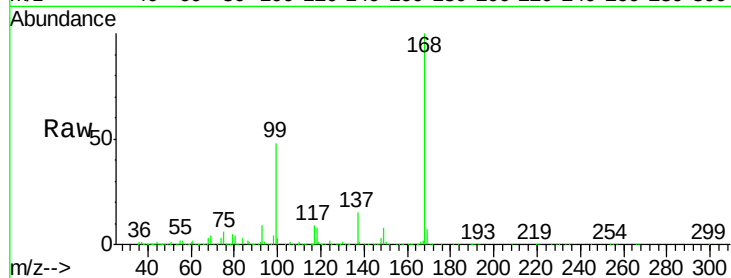
MW201D-20200307

Tot Ion:168 Resp: 270772

Ion Ratio Lower Upper

168 100

99 47.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

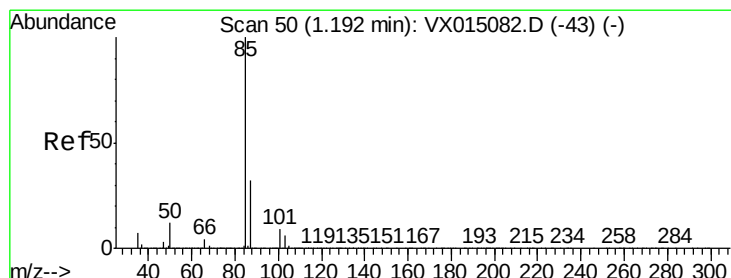
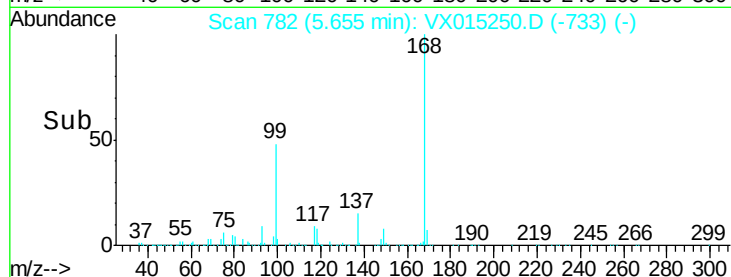
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 10.174 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015250.D

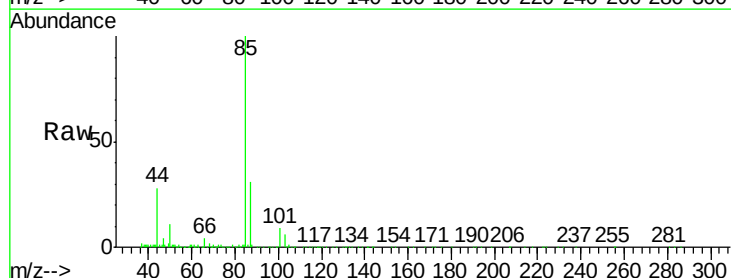
Acq: 13 Mar 2020 11:34

Tgt Ion: 85 Resp: 24123

Ion Ratio Lower Upper

85 100

87 30.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

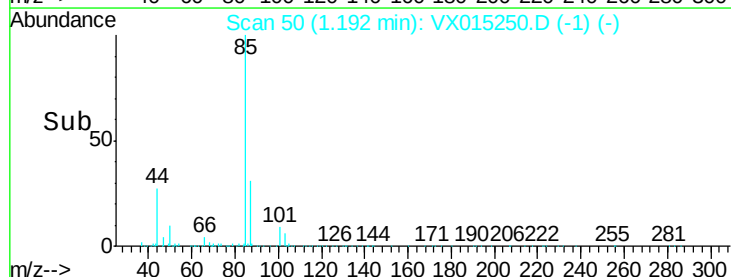
15000

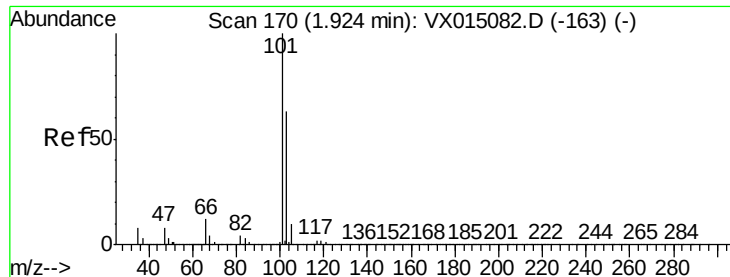
10000

5000

0

Time-->



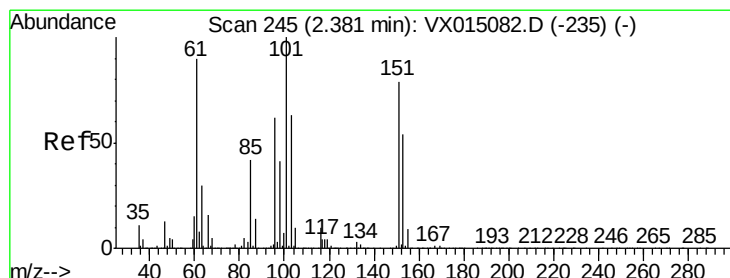
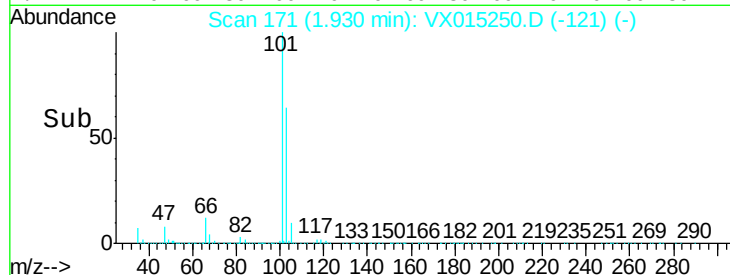
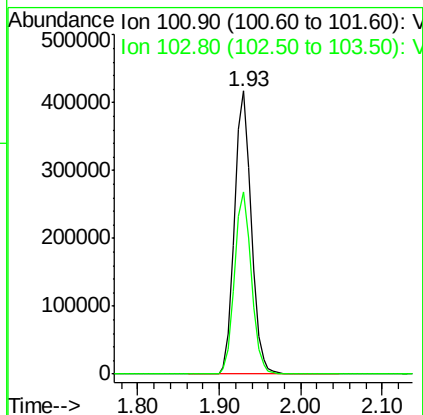
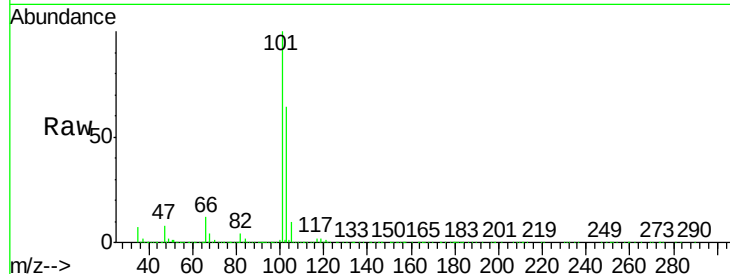


#7

Trichlorofluoromethane
Concen: 143.956 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015250.D
Acq: 13 Mar 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20200307

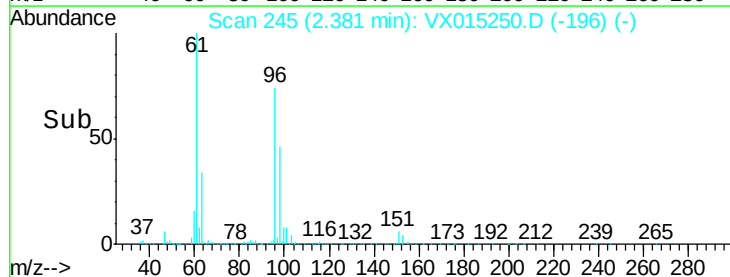
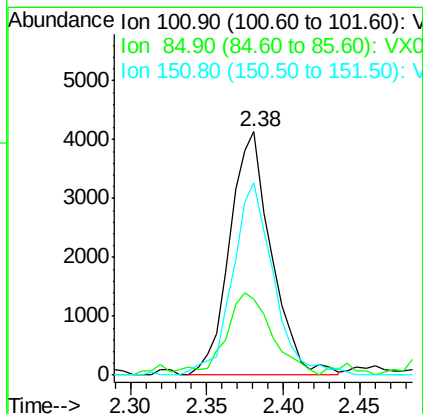
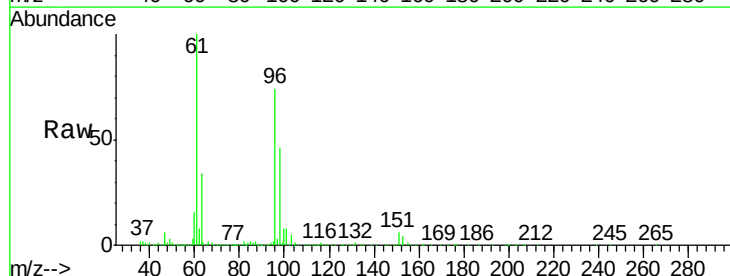
Tot Ion:101 Resp: 583365
Ion Ratio Lower Upper
101 100
103 64.2 50.4 75.6

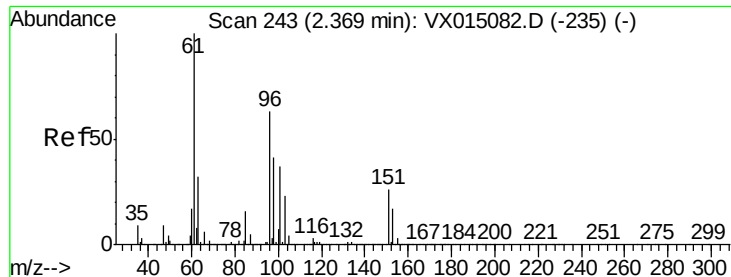


#9

1,1,2-Trichlorotrifluoroethane
Concen: 3.066 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX015250.D
Acq: 13 Mar 2020 11:34

Tgt Ion:101 Resp: 7817
Ion Ratio Lower Upper
101 100
85 37.2 33.7 50.5
151 77.8 64.0 96.0





#12

1,1-Dichloroethene

Concen: 41.954 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015250.D

Acq: 13 Mar 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200307

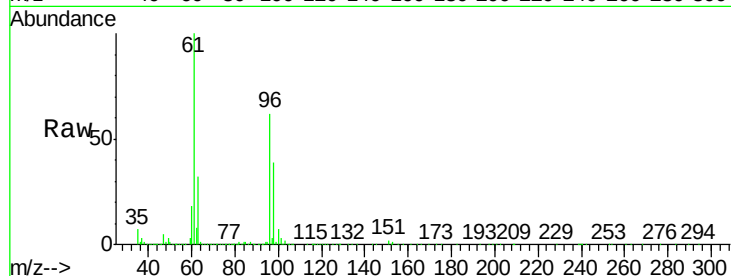
Tot Ion: 96 Resp: 110394

Ion Ratio Lower Upper

96 100

61 160.0 126.2 189.4

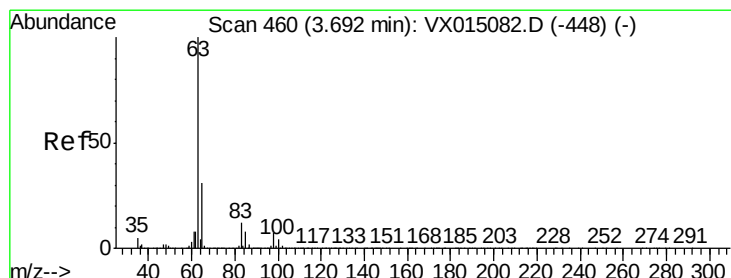
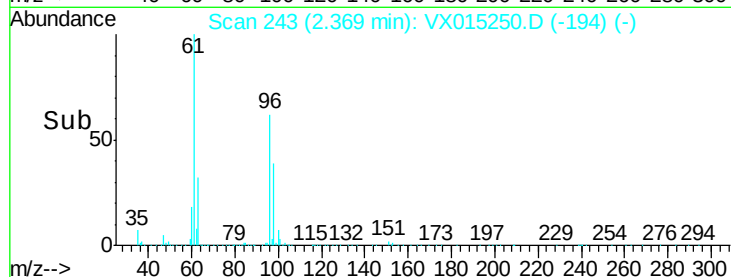
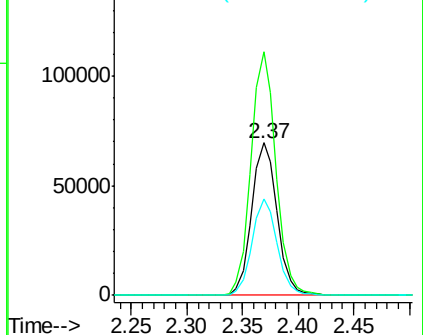
98 63.1 51.4 77.0



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



#24

1,1-Dichloroethane

Concen: 3.888 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015250.D

Acq: 13 Mar 2020 11:34

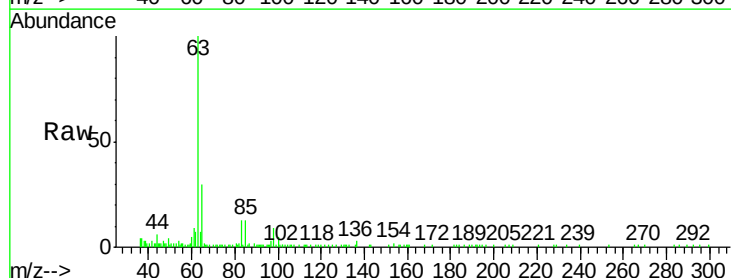
Tgt Ion: 63 Resp: 19727

Ion Ratio Lower Upper

63 100

98 8.2 3.7 11.1

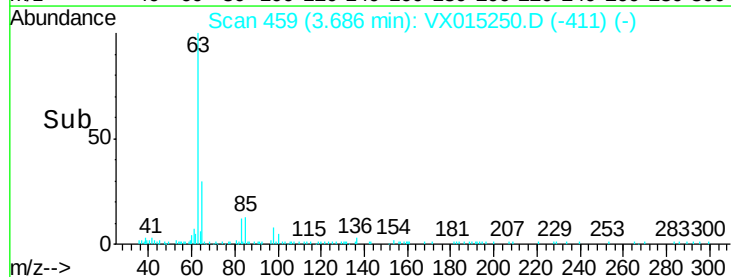
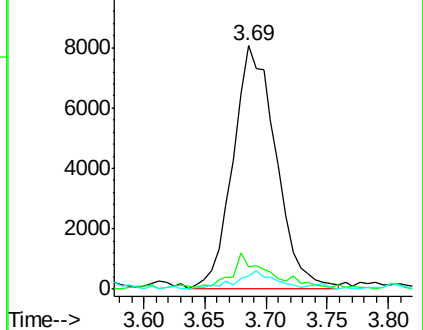
100 5.4 2.1 6.5

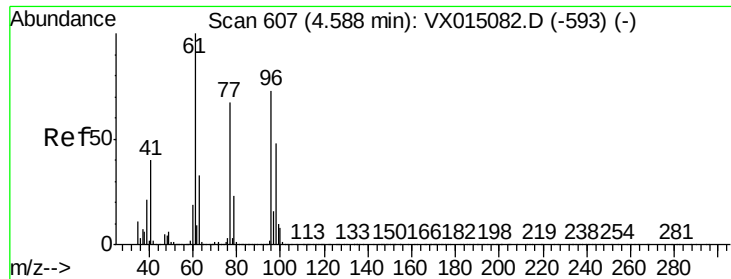


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



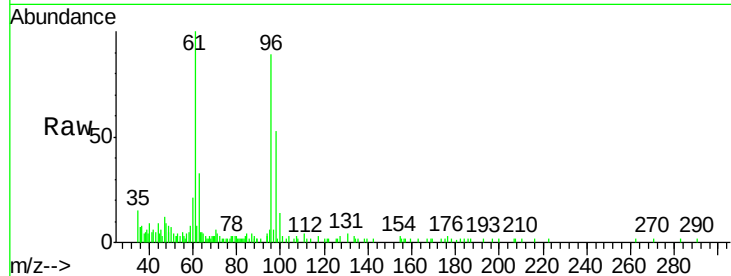


#27

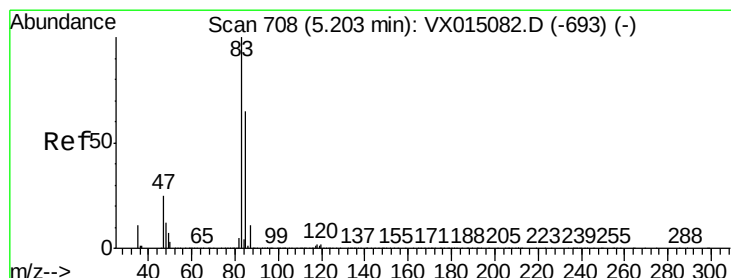
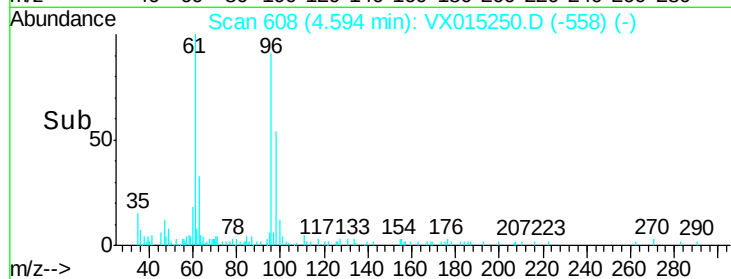
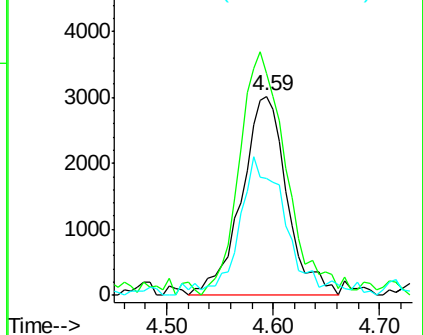
cis-1,2-Dichloroethene
Concen: 2.850 ug/l
RT: 4.59 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX015250.D
Acq: 13 Mar 2020 11:34

Instrument :
MSVOA_X
ClientSampleId :
MW201D-20200307

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	286.8
98	62.6	0.0	128.4



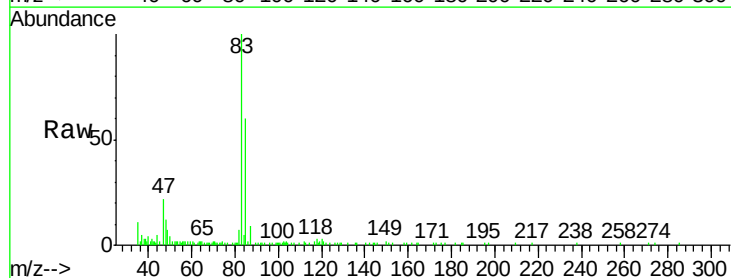
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



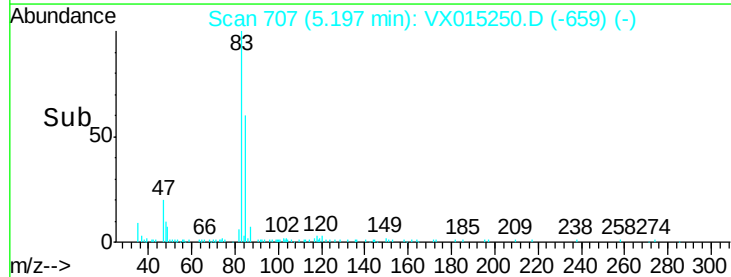
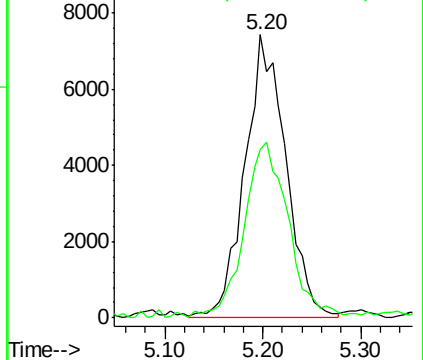
#30

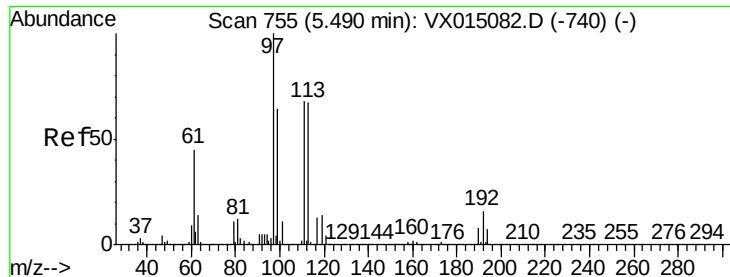
Chloroform
Concen: 4.364 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015250.D
Acq: 13 Mar 2020 11:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.1	52.0	78.0



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: 6.527 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015250.D

Acq: 13 Mar 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200307

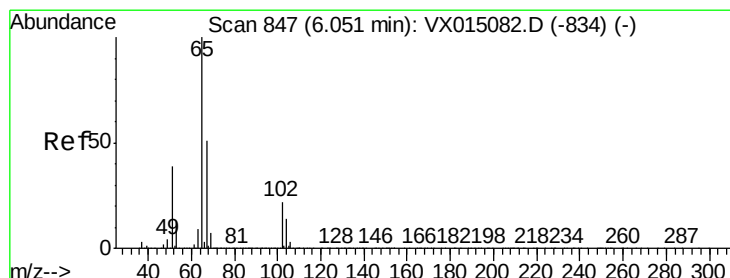
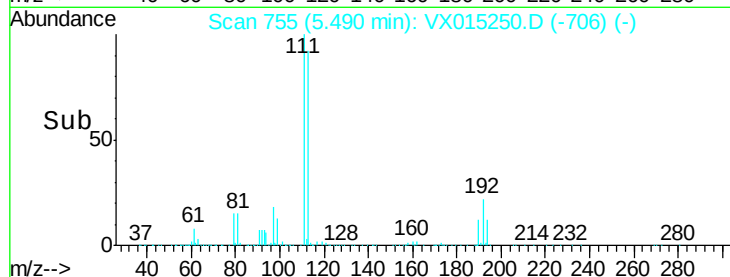
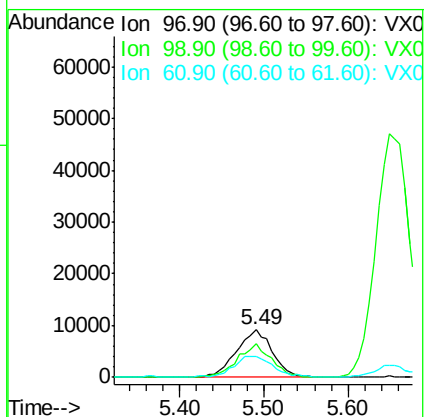
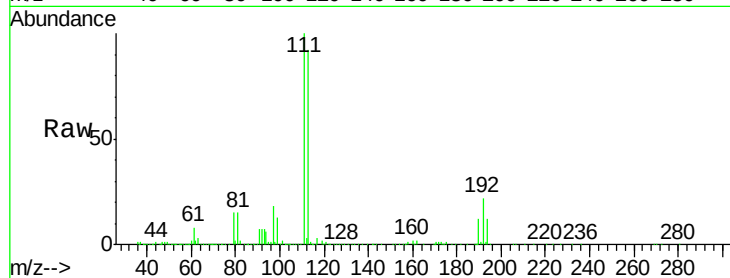
Tot Ion: 97 Resp: 26754

Ion Ratio Lower Upper

97 100

99 64.6 52.8 79.2

61 47.2 36.6 54.8



#33

1,2-Dichloroethane-d4

Concen: 47.375 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015250.D

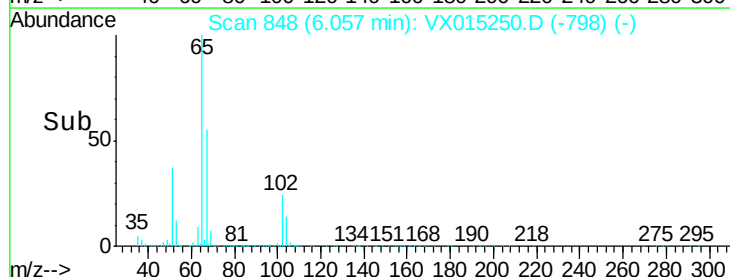
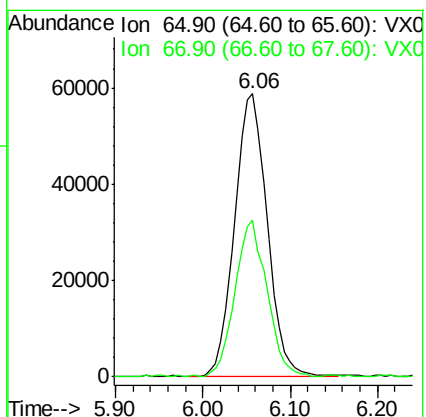
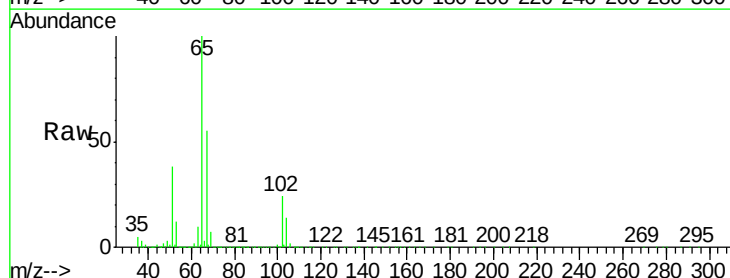
Acq: 13 Mar 2020 11:34

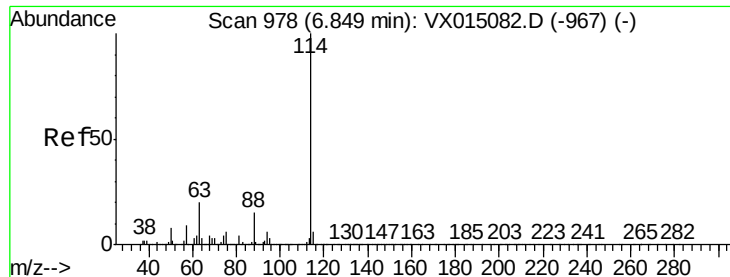
Tgt Ion: 65 Resp: 152186

Ion Ratio Lower Upper

65 100

67 54.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015250.D

Acq: 13 Mar 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200307

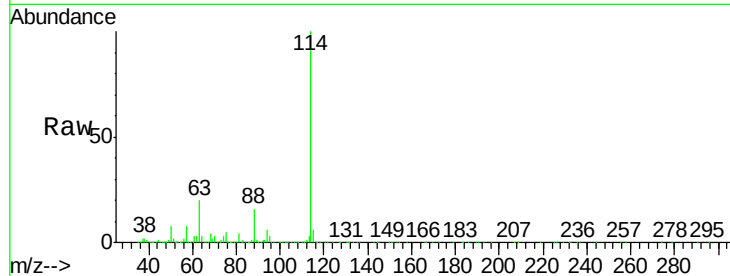
Tot Ion:114 Resp: 429353

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

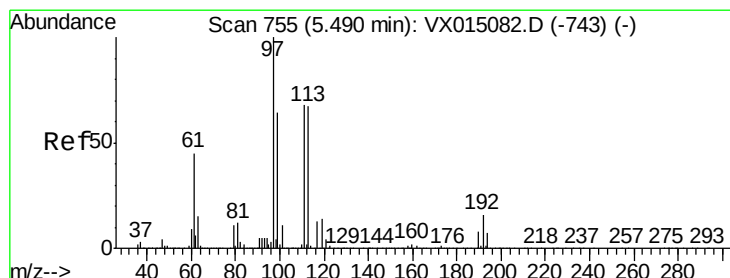
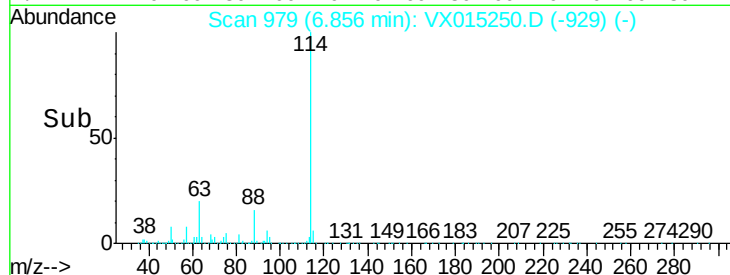
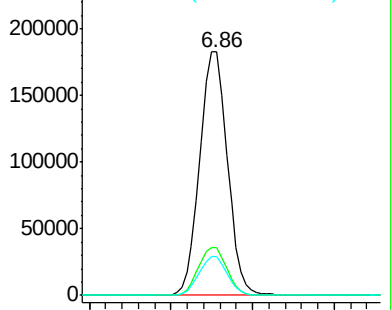
88 15.8 0.0 30.6



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: 48.590 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015250.D

Acq: 13 Mar 2020 11:34

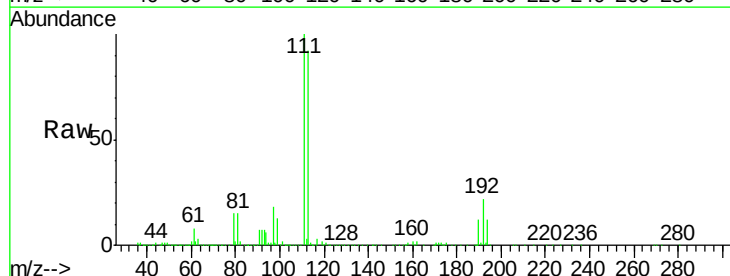
Tgt Ion:113 Resp: 131613

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

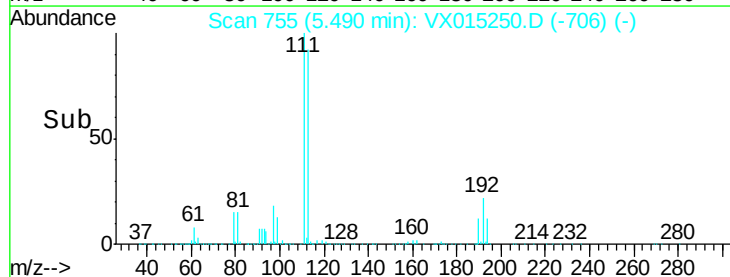
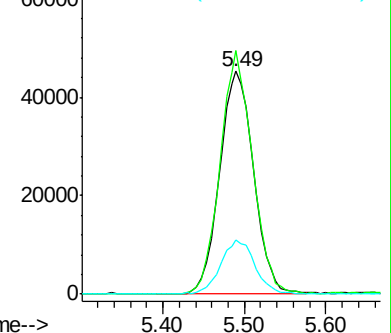
192 24.5 18.6 28.0

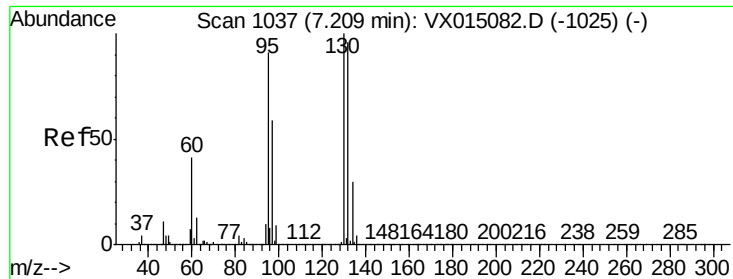


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 83.074 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015250.D

Acq: 13 Mar 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

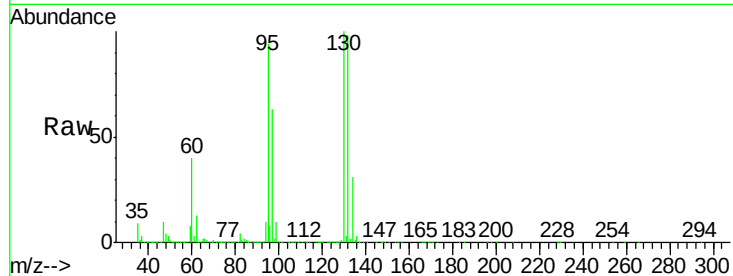
MW201D-20200307

Tot Ion:130 Resp: 272446

Ion Ratio Lower Upper

130 100

95 93.5 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

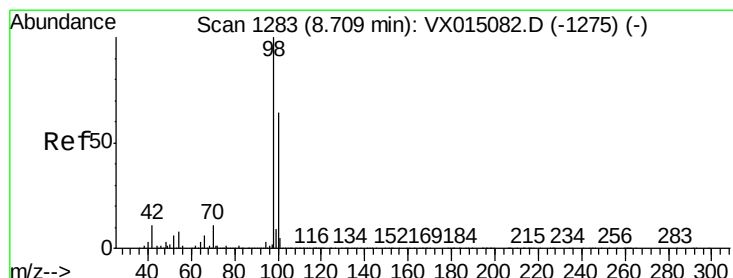
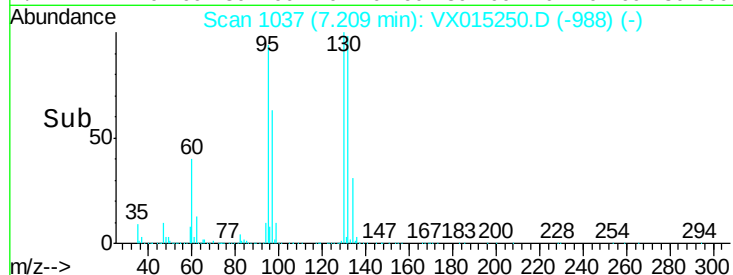
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 50.624 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015250.D

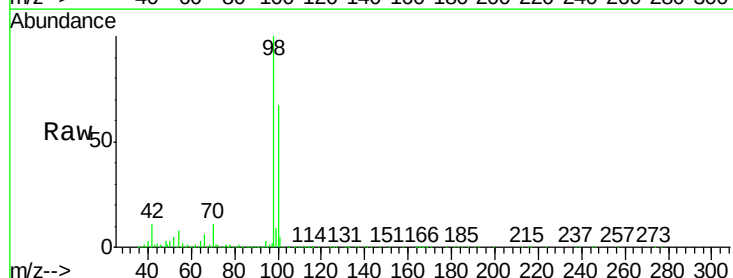
Acq: 13 Mar 2020 11:34

Tgt Ion: 98 Resp: 521601

Ion Ratio Lower Upper

98 100

100 66.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

400000

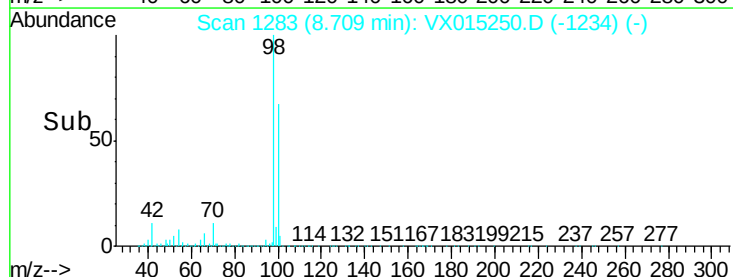
300000

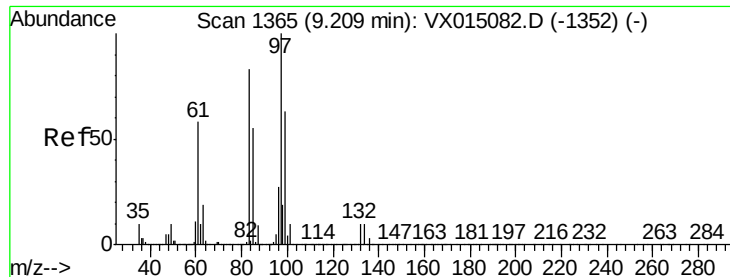
200000

100000

0

Time-->

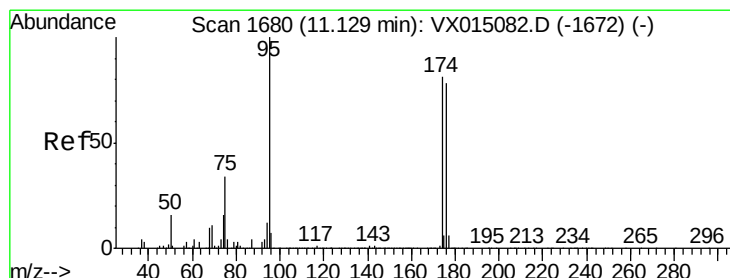
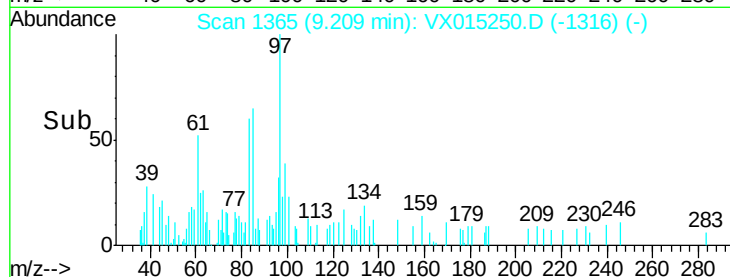
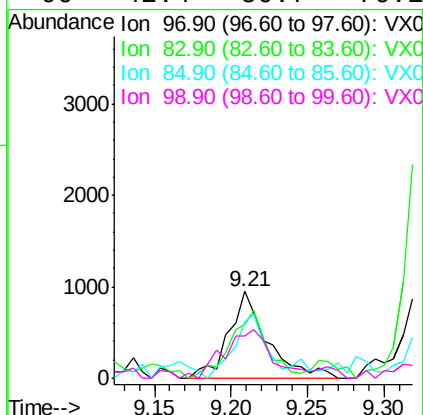
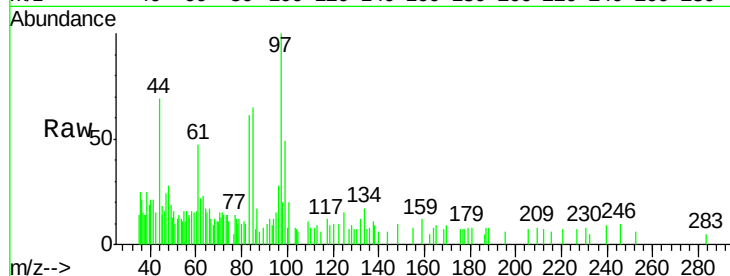




#55
 1,1,2-Trichloroethane
 Concen: 0.566 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015250.D
 Acq: 13 Mar 2020 11:34

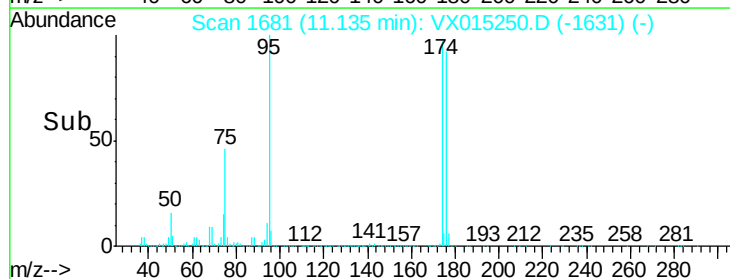
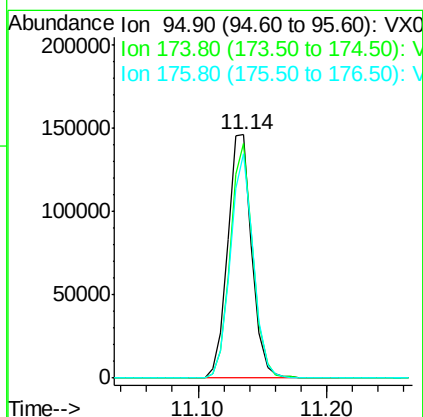
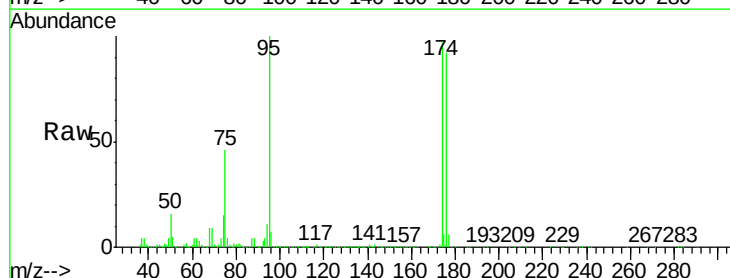
Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20200307

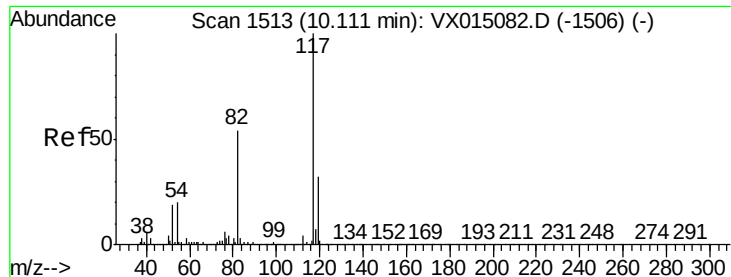
Tot Ion:	97	Resp:	1677
Ion	Ratio	Lower	Upper
97	100		
83	61.5	66.4	99.6#
85	51.4	43.5	65.3
99	42.4	50.7	76.1#



#62
 4-Bromofluorobenzene
 Concen: 52.254 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX015250.D
 Acq: 13 Mar 2020 11:34

Tgt Ion:	95	Resp:	192037
Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	177.6
176	88.1	0.0	170.2

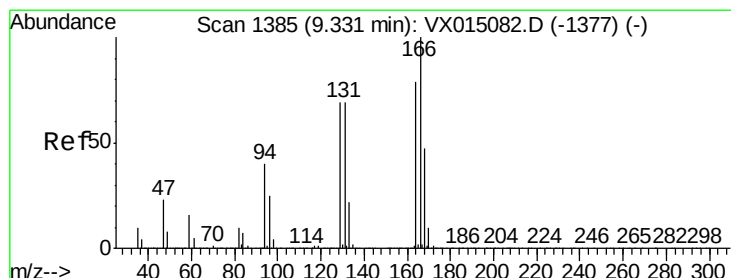
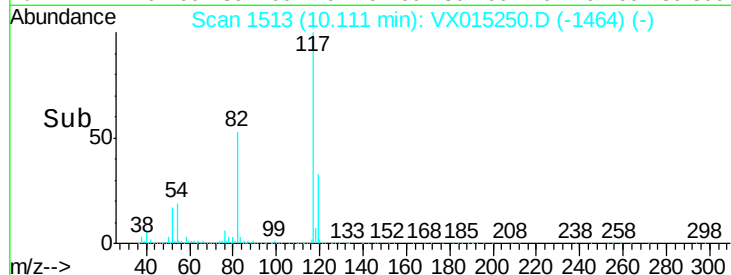
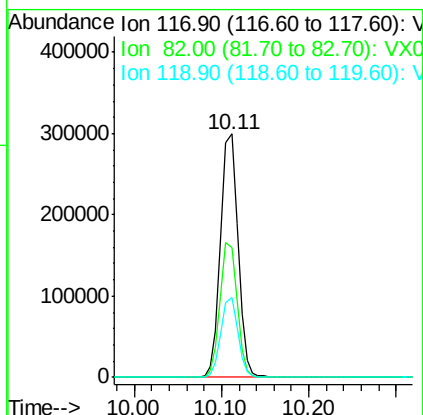
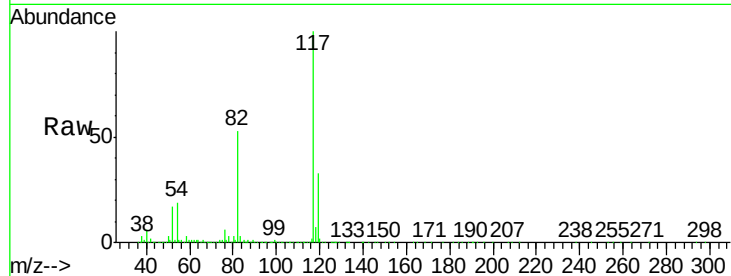




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015250.D
Acq: 13 Mar 2020 11:34

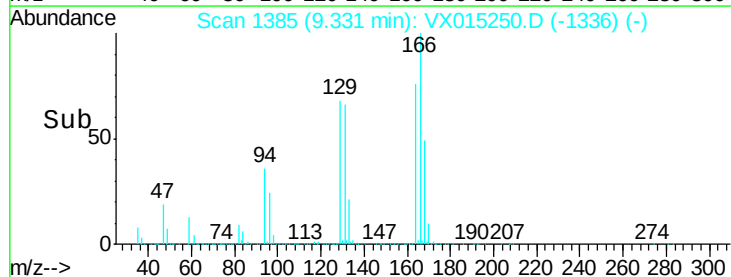
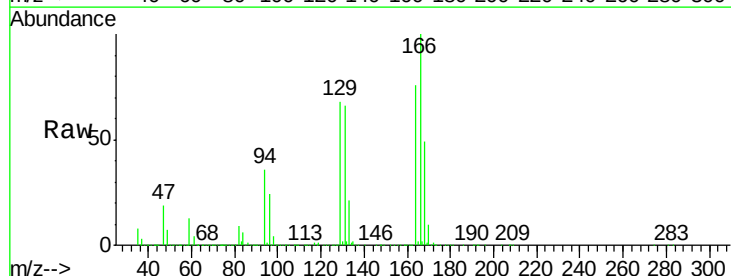
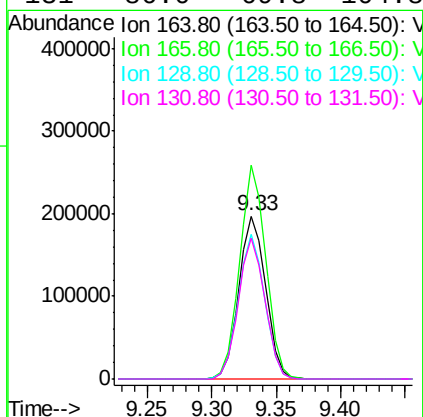
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20200307

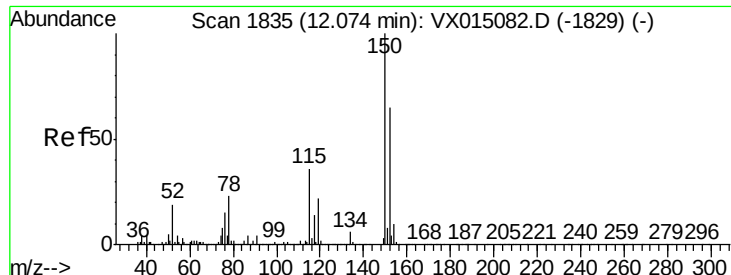
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.3	64.9
119	32.6	25.8	38.8



#64
Tetrachloroethene
Concen: 82.910 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015250.D
Acq: 13 Mar 2020 11:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.1	151.7
129	88.8	69.4	104.0
131	86.0	69.8	104.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015250.D

Acq: 13 Mar 2020 11:34

Instrument :

MSVOA_X

ClientSampleId :

MW201D-20200307

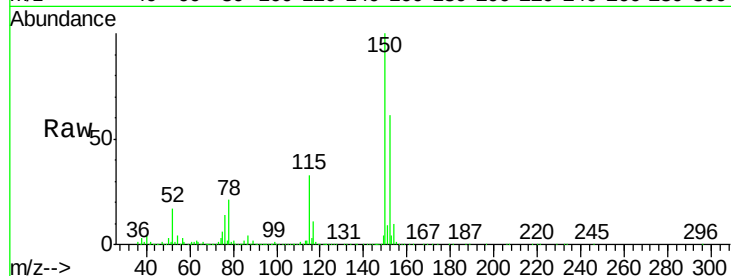
Tot Ion:152 Resp: 211048

Ion Ratio Lower Upper

152 100

115 54.8 38.2 114.6

150 157.4 0.0 343.8



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

