

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015578.D
 Acq On : 08 Apr 2020 18:40
 Operator : JC/SP
 Sample : L2190-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-19-200407

Quant Time: Apr 09 08:09:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1054382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1684317	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1611786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	908578	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	697976	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
35) Dibromofluoromethane	5.47	113	528669	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	8.70	98	2008383	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.12	95	873032	54.19	ug/l	0.00
Spiked Amount			Recovery	=	108.38%	

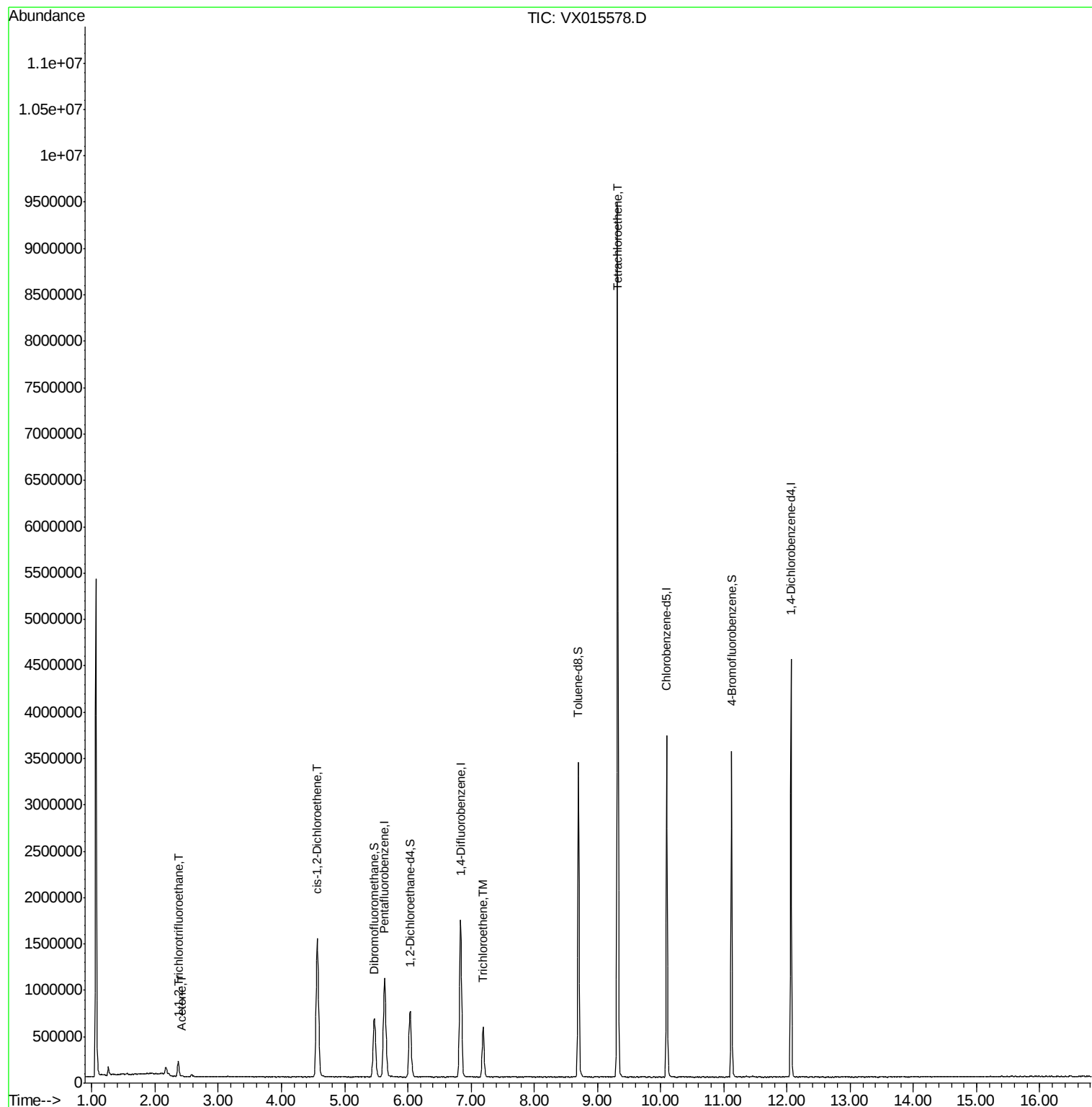
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64887	6.833	ug/l	94
16) Acetone	2.42	43	12979	2.031	ug/l #	84
27) cis-1,2-Dichloroethene	4.57	96	932993	72.996	ug/l	90
44) Trichloroethene	7.19	130	212027	17.102	ug/l	96
64) Tetrachloroethene	9.32	164	1809377	148.752	ug/l	97

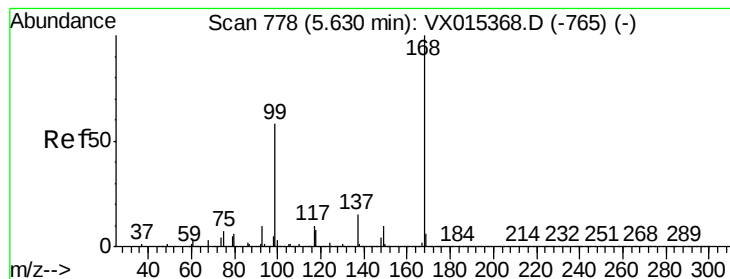
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040820\
Data File : VX015578.D
Acq On : 08 Apr 2020 18:40
Operator : JC/SP
Sample : L2190-22
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M-19-200407

Quant Time: Apr 09 08:09:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

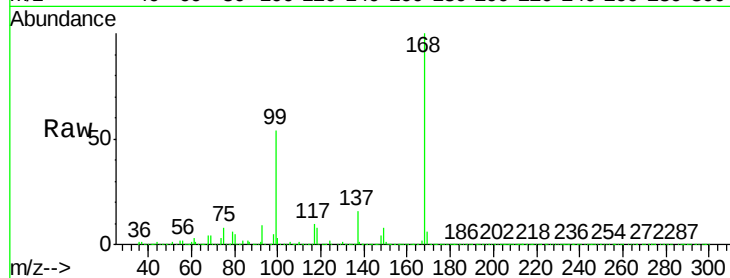
M-19-200407

Tot Ion:168 Resp: 1054382

Ion Ratio Lower Upper

168 100

99 54.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

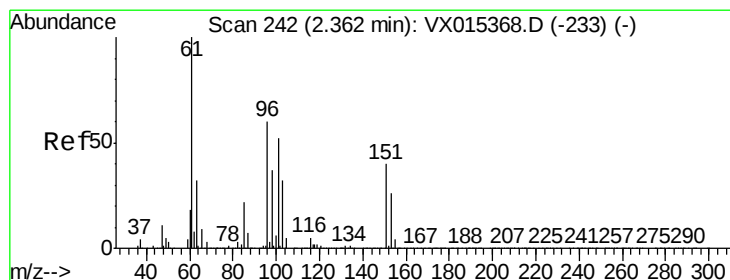
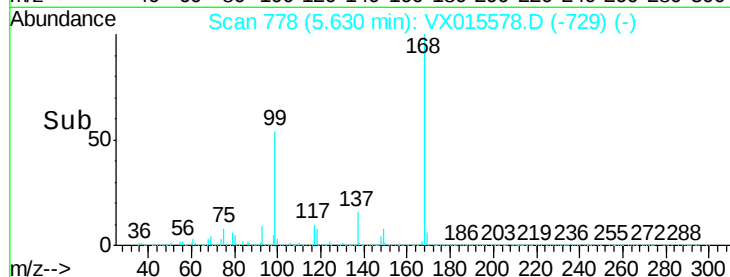
300000

200000

100000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.833 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

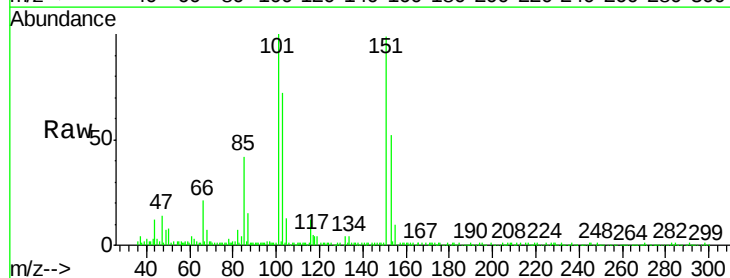
Tgt Ion:101 Resp: 64887

Ion Ratio Lower Upper

101 100

85 45.6 35.0 52.4

151 86.4 64.1 96.1



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

2.37

40000

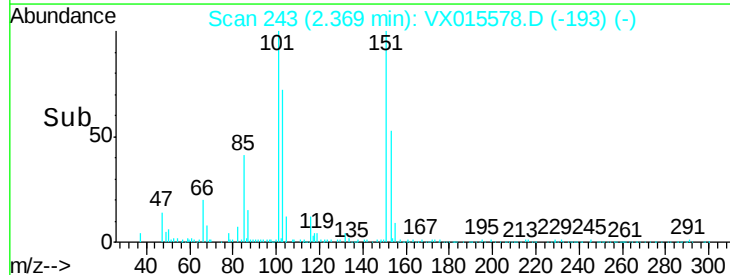
30000

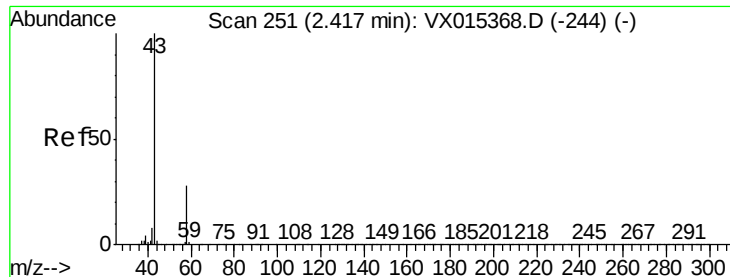
20000

10000

0

Time-->





#16

Acetone

Concen: 2.031 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

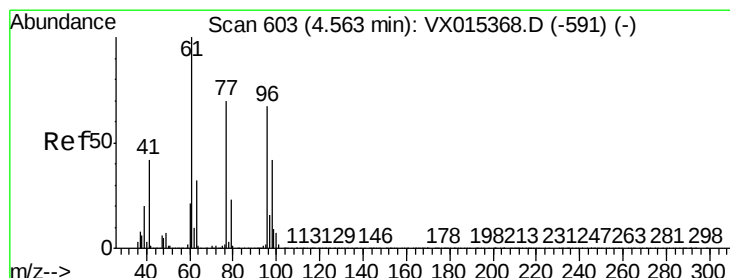
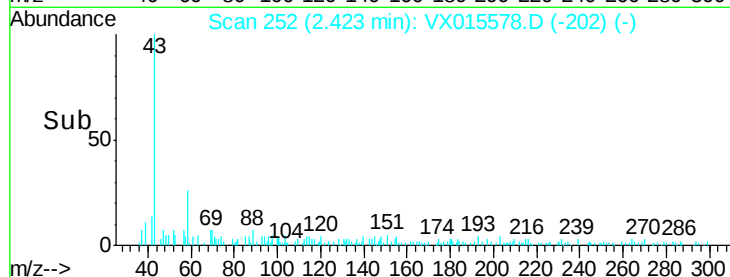
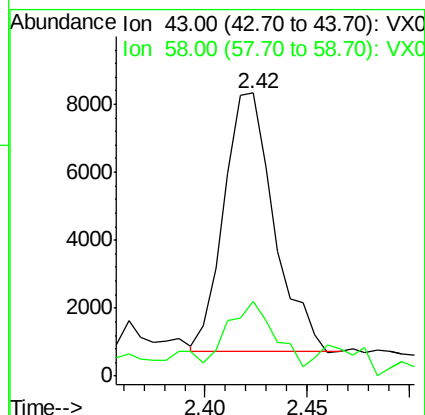
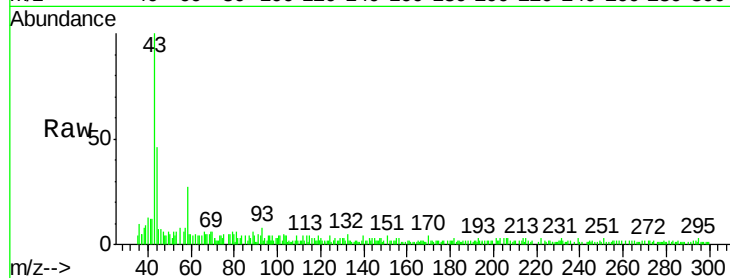
M-19-200407

Tot Ion: 43 Resp: 12979

Ion Ratio Lower Upper

43 100

58 19.5 22.1 33.1#



#27

cis-1,2-Dichloroethene

Concen: 72.996 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

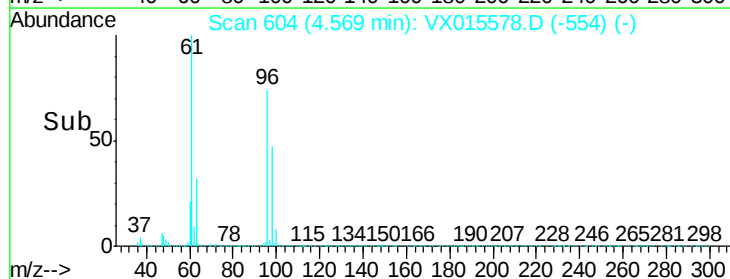
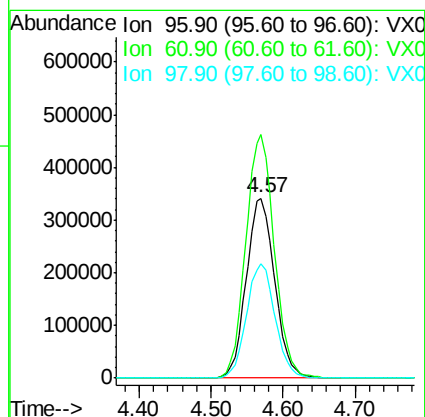
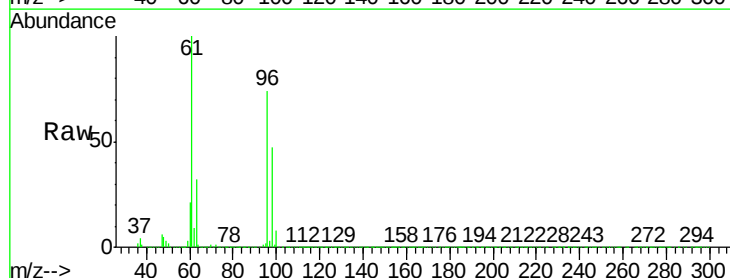
Tgt Ion: 96 Resp: 932993

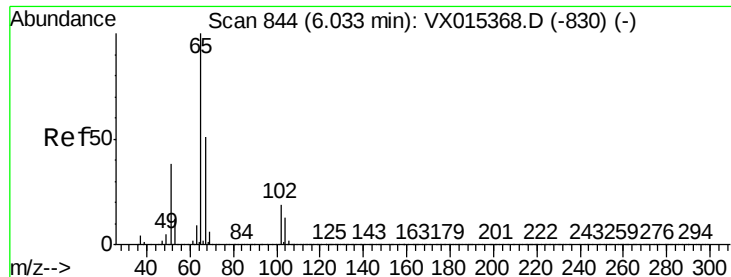
Ion Ratio Lower Upper

96 100

61 136.5 0.0 308.4

98 63.9 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 46.936 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

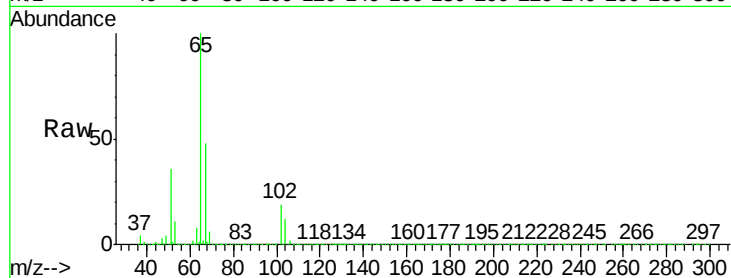
M-19-200407

Tot Ion: 65 Resp: 697976

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

250000

200000

150000

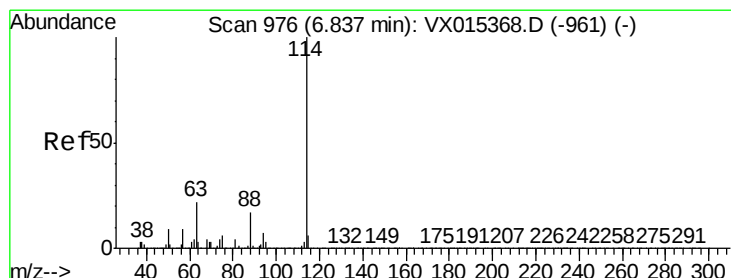
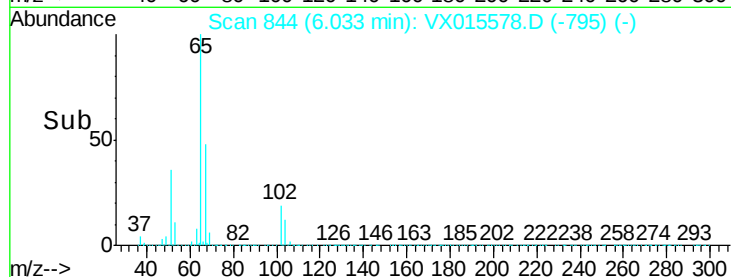
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

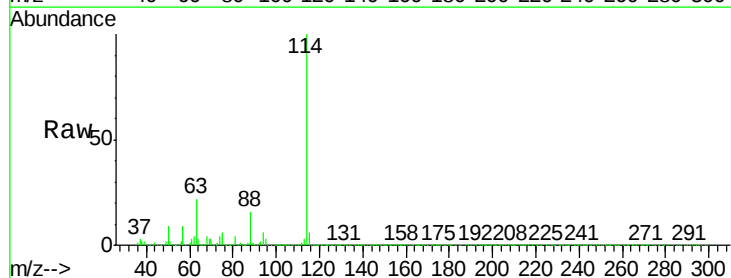
Tgt Ion: 114 Resp: 1684317

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

88 15.7 0.0 33.8



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

1000000

800000

600000

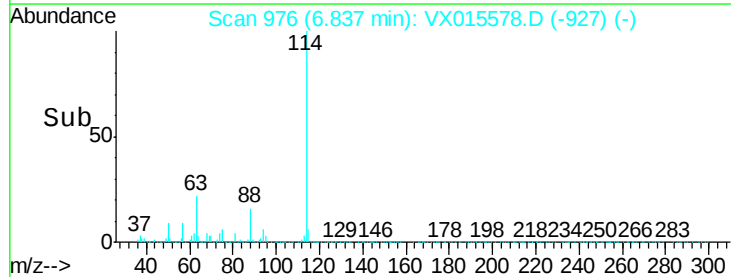
400000

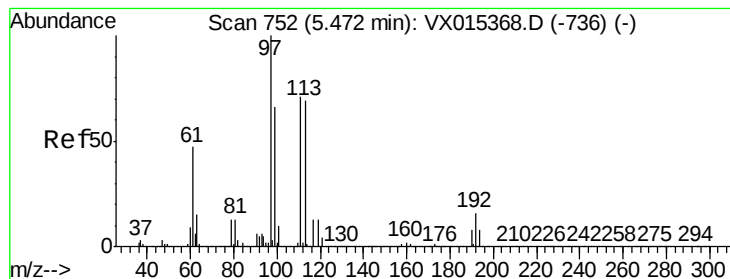
200000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.103 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

M-19-200407

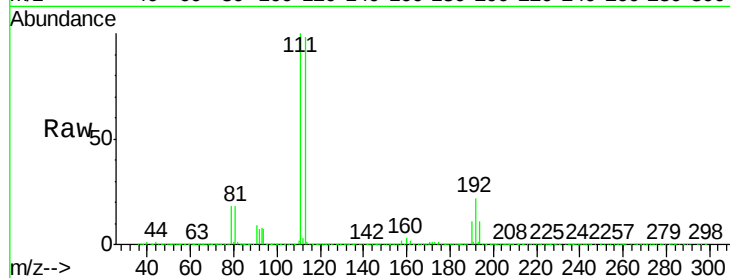
Tot Ion:113 Resp: 528669

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

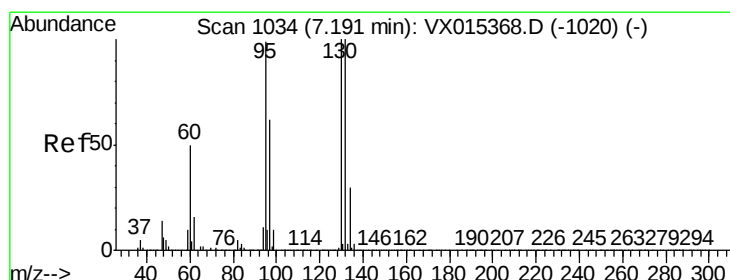
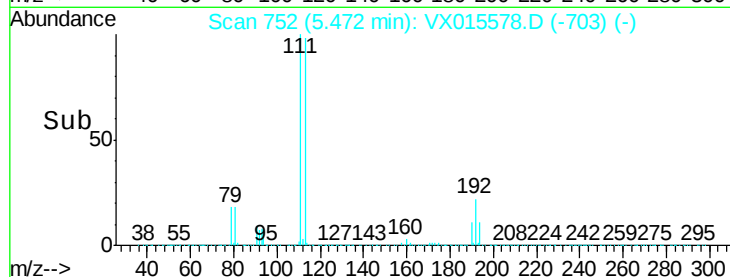
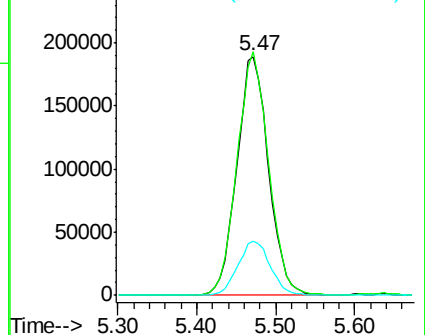
192 23.3 17.8 26.6



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: 17.102 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015578.D

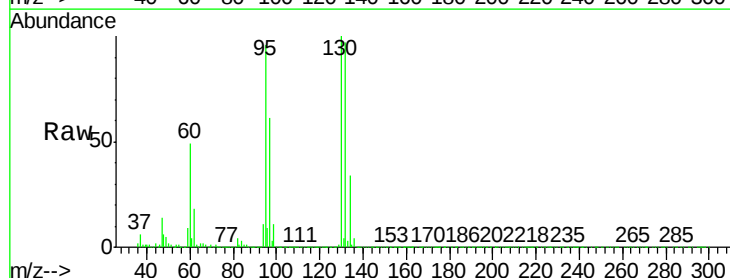
Acq: 08 Apr 2020 18:40

Tgt Ion:130 Resp: 212027

Ion Ratio Lower Upper

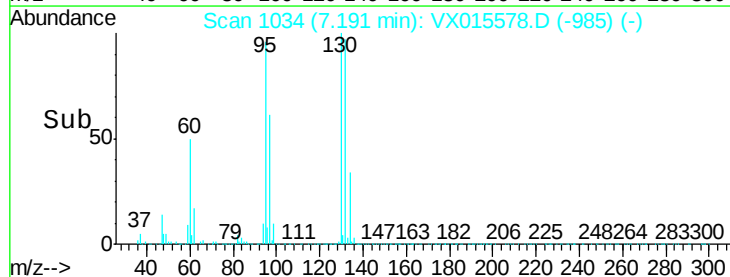
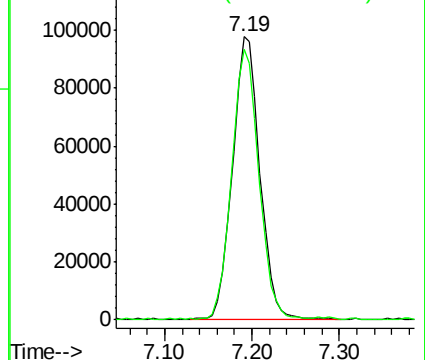
130 100

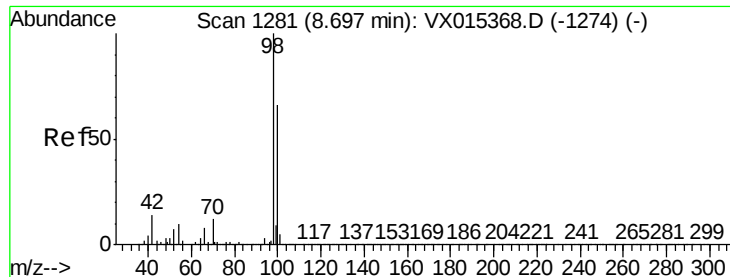
95 95.4 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.666 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

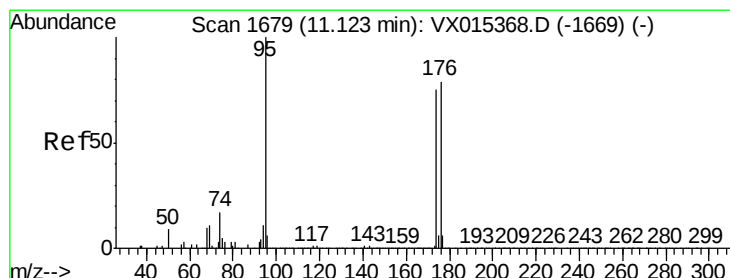
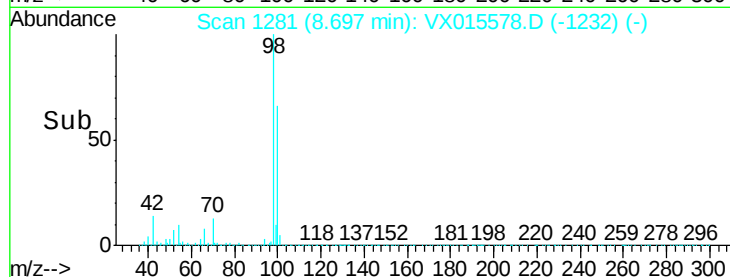
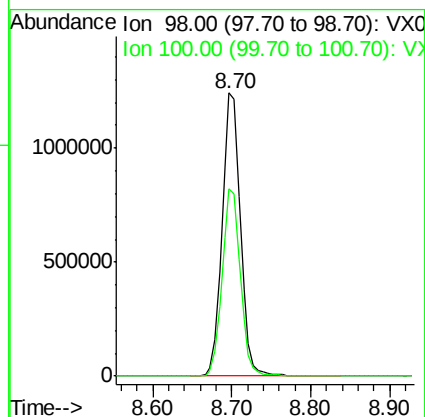
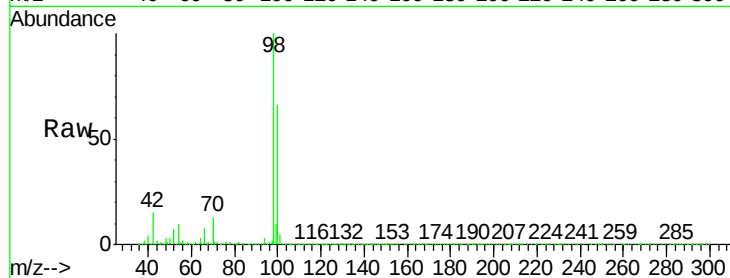
M-19-200407

Tot Ion: 98 Resp: 2008383

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 54.193 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

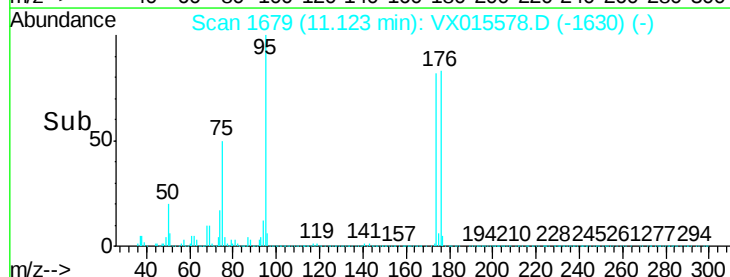
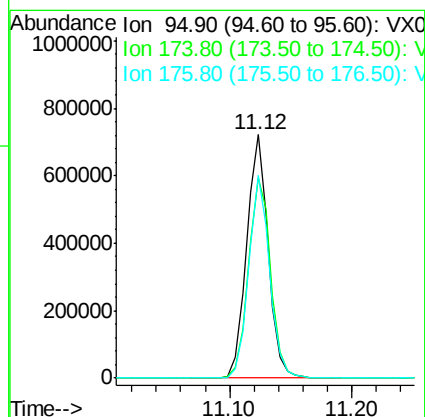
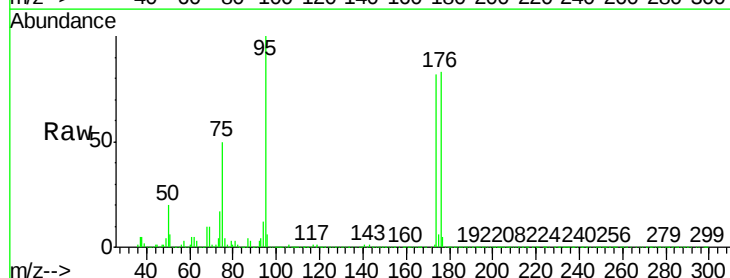
Tgt Ion: 95 Resp: 873032

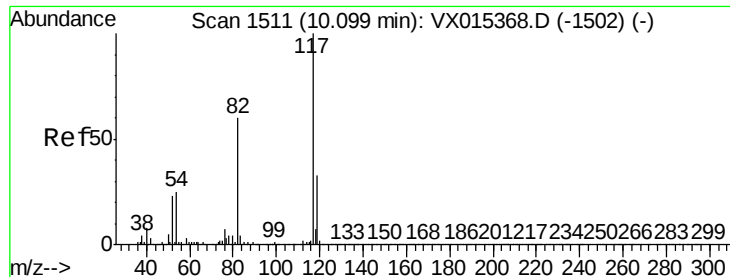
Ion Ratio Lower Upper

95 100

174 85.5 0.0 158.6

176 82.0 0.0 159.0

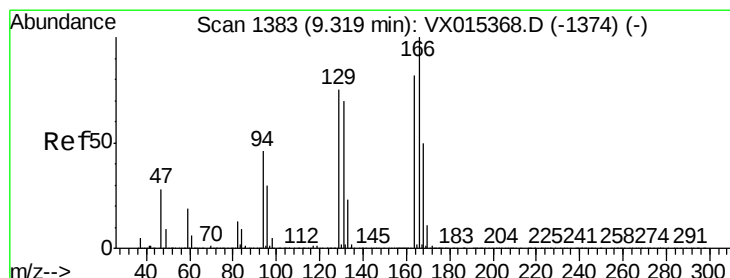
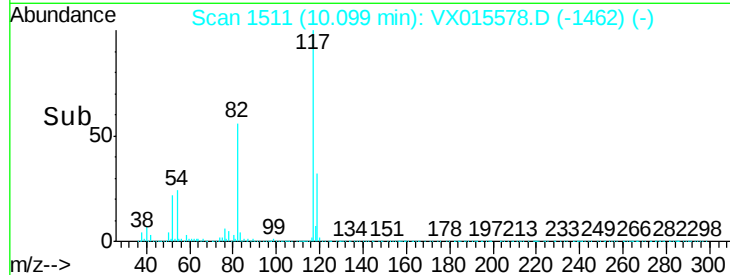
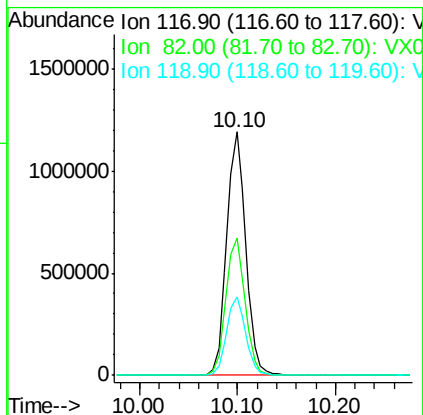
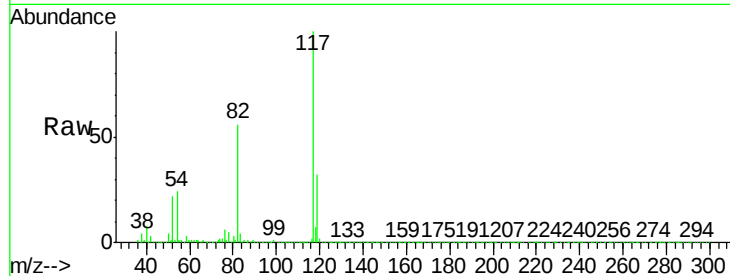




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015578.D
Acq: 08 Apr 2020 18:40

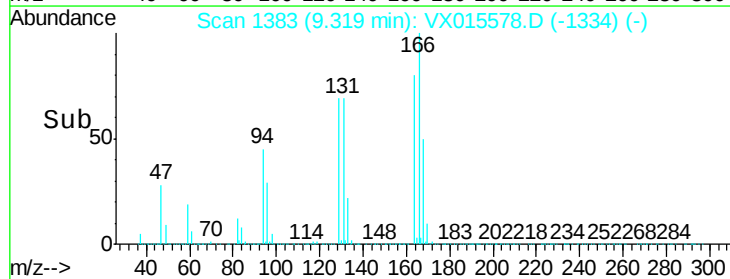
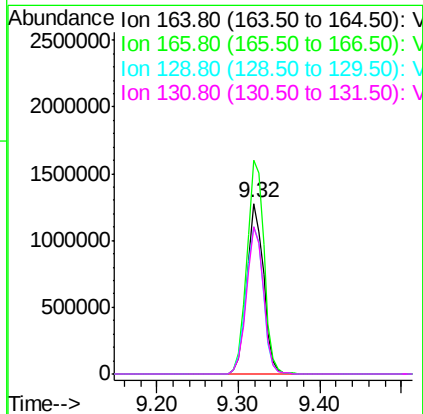
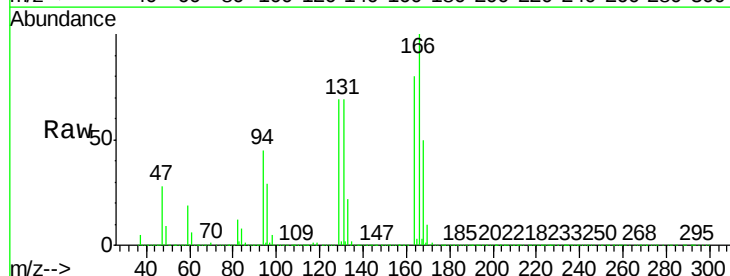
Instrument :
MSVOA_X
ClientSampled :
M-19-200407

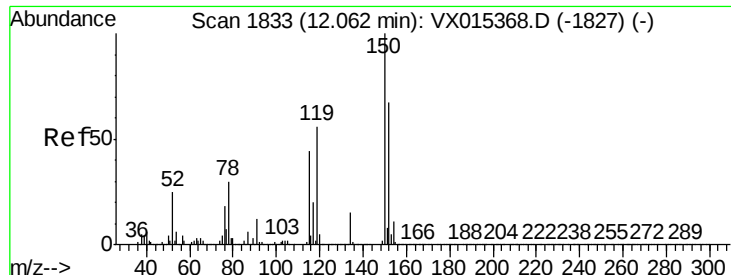
Tot Ion:117 Resp: 1611786
Ion Ratio Lower Upper
117 100
82 56.3 47.8 71.8
119 32.3 26.8 40.2



#64
Tetrachloroethene
Concen: 148.752 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015578.D
Acq: 08 Apr 2020 18:40

Tgt Ion:164 Resp: 1809377
Ion Ratio Lower Upper
164 100
166 125.5 97.8 146.6
129 86.2 73.0 109.4
131 86.7 68.6 103.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015578.D

Acq: 08 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

M-19-200407

Tot Ion:152 Resp: 908578

Ion Ratio Lower Upper

152 100

115 56.0 39.0 116.9

150 155.4 0.0 340.8

