

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015577.D
 Acq On : 08 Apr 2020 18:18
 Operator : JC/SP
 Sample : L2190-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW008-200407

Quant Time: Apr 09 08:06:35 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

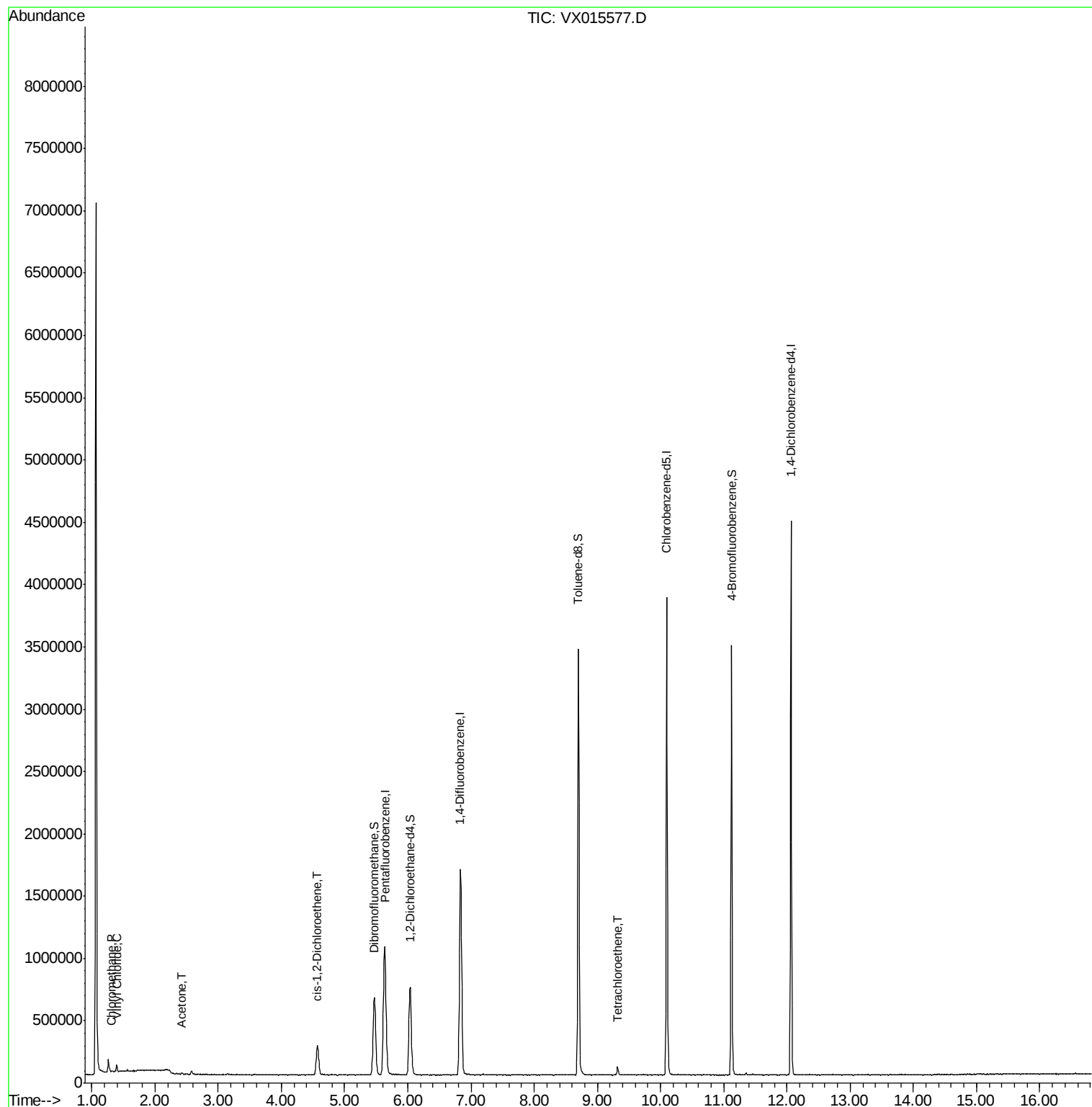
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1065334	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.83	114	1675319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1647866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	885251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	698805	46.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.02%	
35) Dibromofluoromethane	5.47	113	523032	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
50) Toluene-d8	8.70	98	2018420	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.12	95	879278	54.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.74%	
Target Compounds						
3) Chloromethane	1.31	50	3953	0.331	ug/l	89
4) Vinyl Chloride	1.39	62	35958	3.276	ug/l	96
16) Acetone	2.42	43	14897	2.308	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	147919	11.454	ug/l	91
64) Tetrachloroethene	9.32	164	13247	1.065	ug/l	91

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

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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: 5.64 min Scan# 780

Delta R.T. 0.01 min

Lab File: VX015577.D

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Instrument :

MSVOA_X

ClientSampleId :

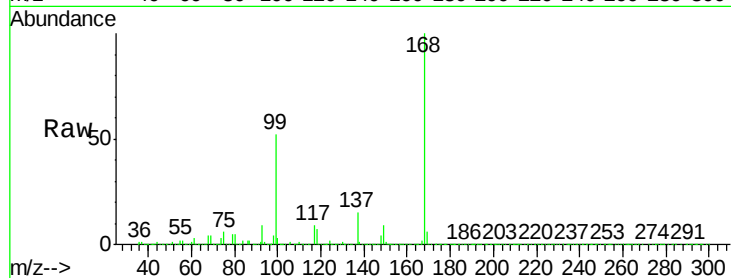
ST006MW008-200407

Tot Ion:168 Resp: 1065334

Ion Ratio Lower Upper

168 100

99 51.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

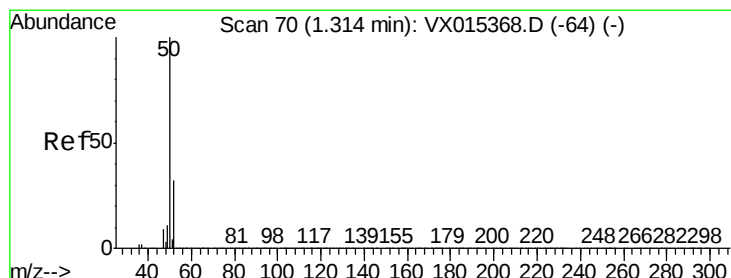
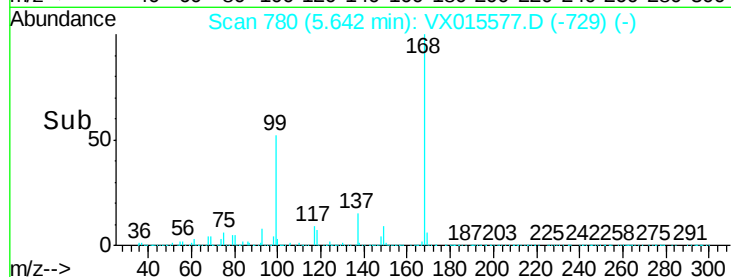
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.331 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015577.D

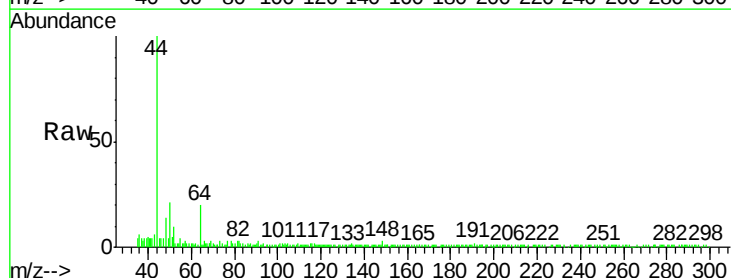
Acq: 08 Apr 2020 18:18

Tgt Ion: 50 Resp: 3953

Ion Ratio Lower Upper

50 100

52 37.8 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

4000

3000

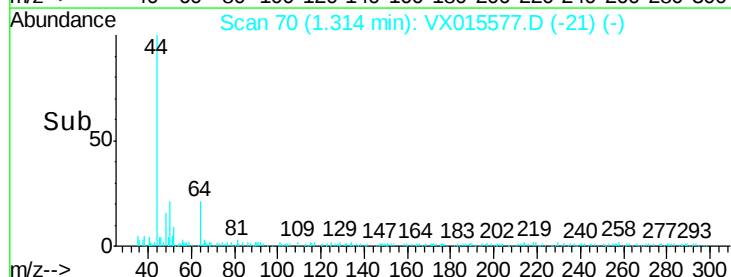
2000

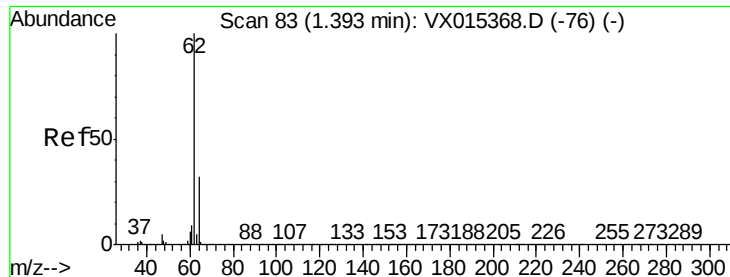
1000

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 3.276 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015577.D

Acq: 08 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

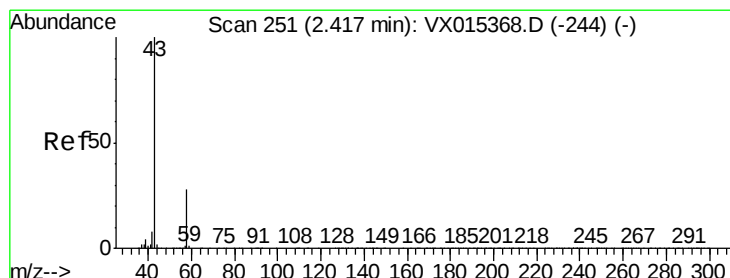
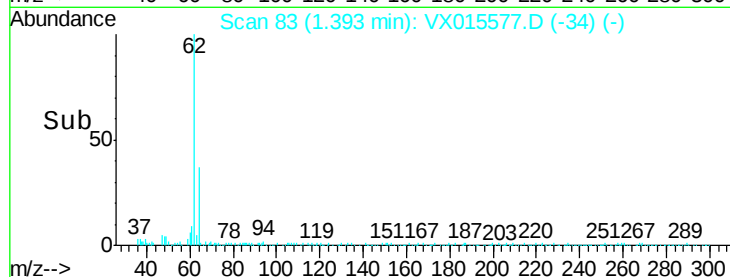
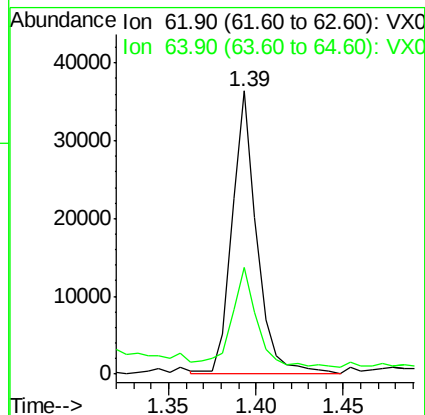
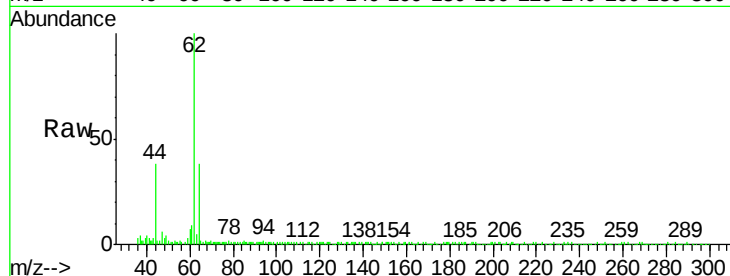
ST006MW008-200407

Tot Ion: 62 Resp: 35958

Ion Ratio Lower Upper

62 100

64 34.9 26.0 39.0



#16

Acetone

Concen: 2.308 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015577.D

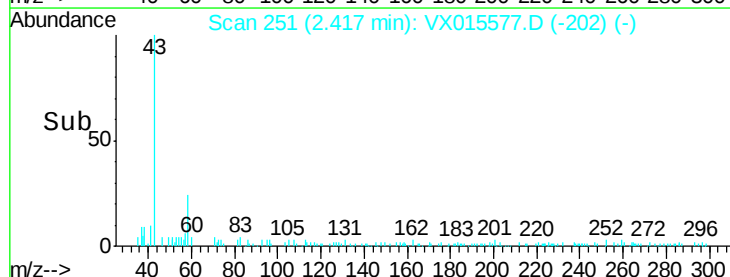
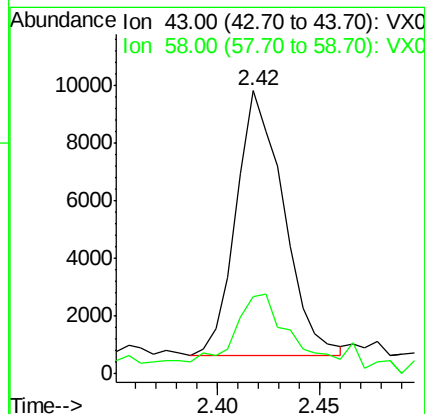
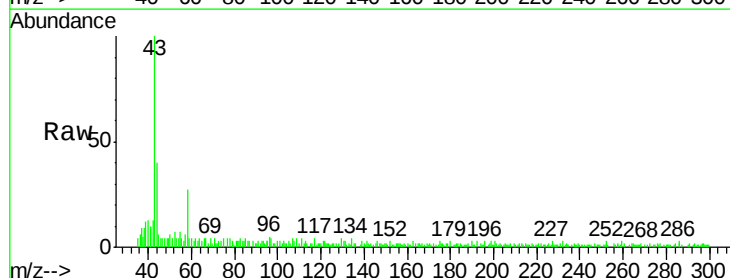
Acq: 08 Apr 2020 18:18

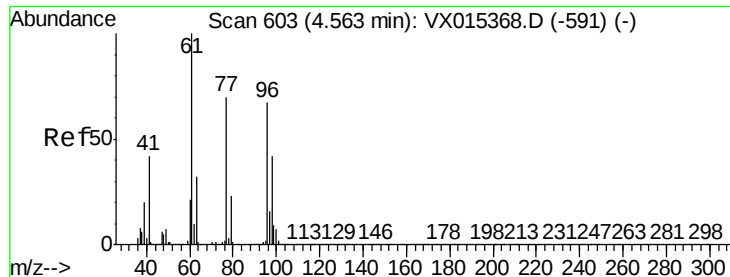
Tgt Ion: 43 Resp: 14897

Ion Ratio Lower Upper

43 100

58 24.6 22.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 11.454 ug/l

RT: 4.57 min Scan# 604

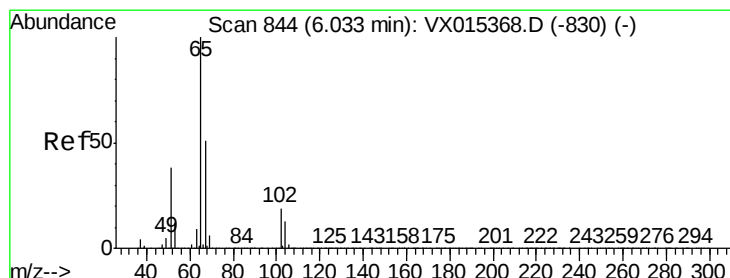
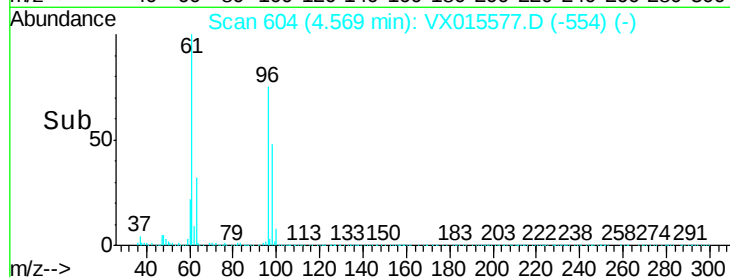
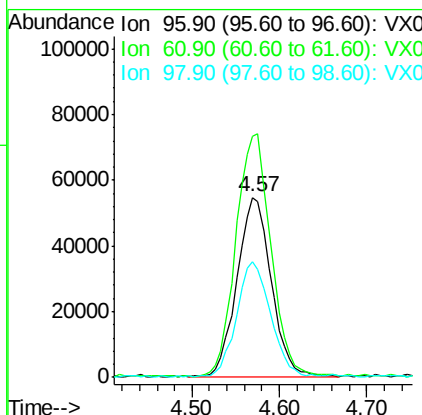
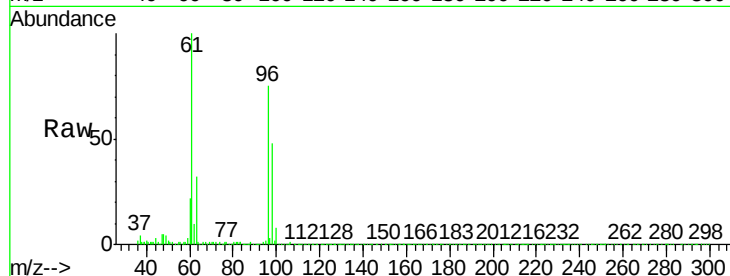
Delta R.T. 0.01 min

Lab File: VX015577.D

Acq: 08 Apr 2020 18:18

Instrument :
MSVOA_X
ClientSampleId :
ST006MW008-200407

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	308.4
98	64.0	0.0	129.2



#33

1,2-Dichloroethane-d4

Concen: 46.508 ug/l

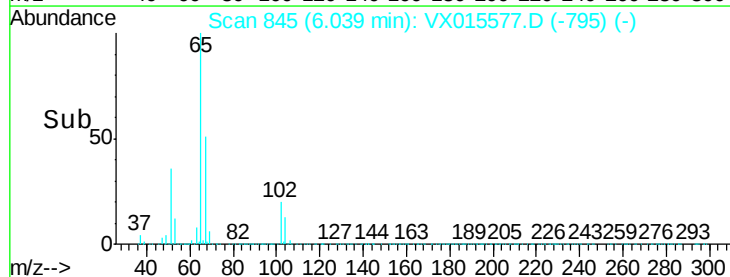
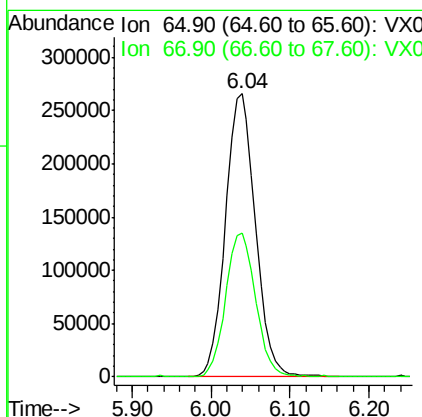
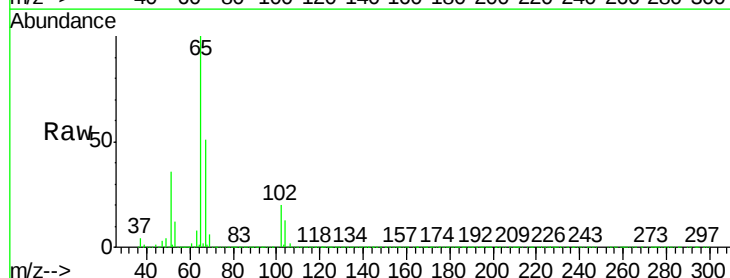
RT: 6.04 min Scan# 845

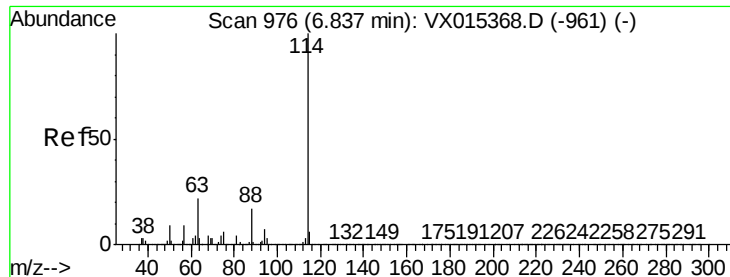
Delta R.T. 0.01 min

Lab File: VX015577.D

Acq: 08 Apr 2020 18:18

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015577.D

Acq: 08 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

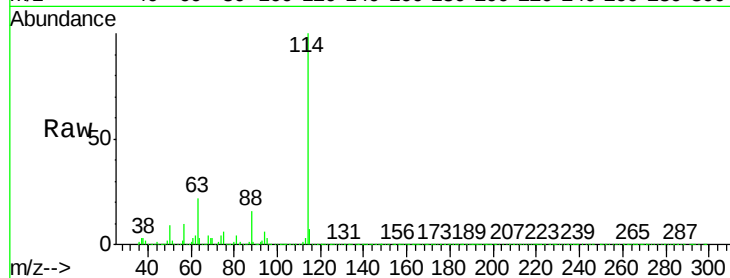
ST006MW008-200407

Tot Ion:114 Resp: 1675319

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.2
88	16.4	0.0	33.8

63 22.2 0.0 44.2

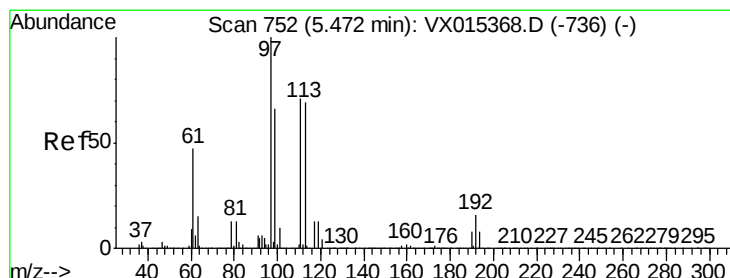
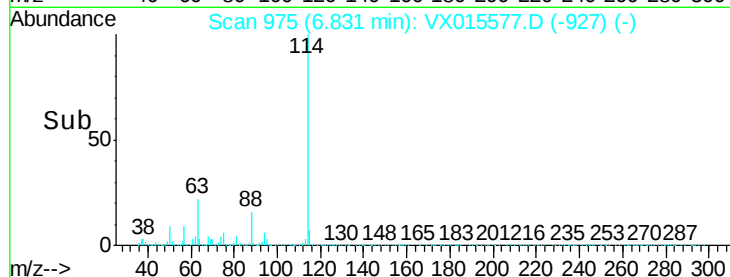
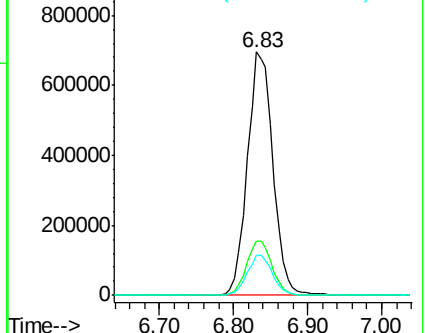
88 16.4 0.0 33.8



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



#35

Dibromofluoromethane

Concen: 48.840 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015577.D

Acq: 08 Apr 2020 18:18

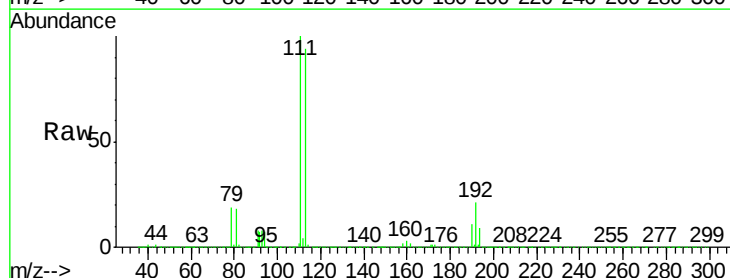
Tgt Ion:113 Resp: 523032

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	22.3	17.8	26.6

113 100

111 102.2 81.5 122.3

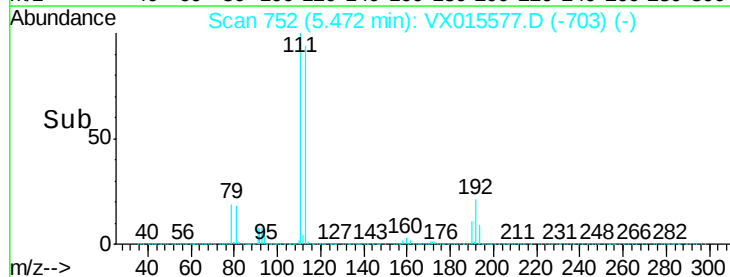
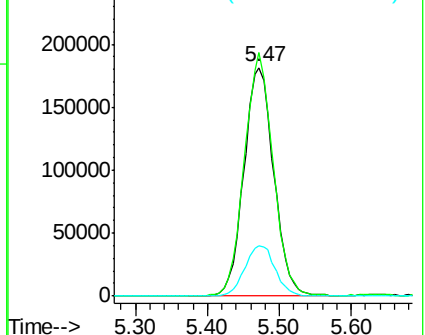
192 22.3 17.8 26.6

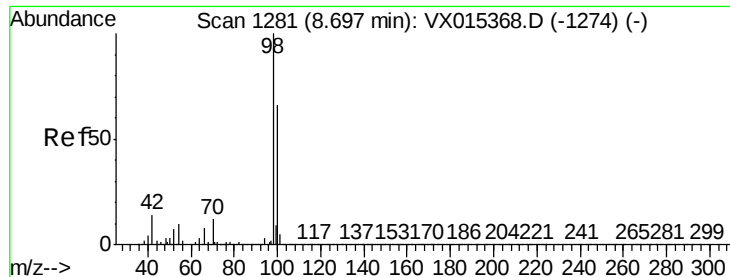


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.193 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015577.D

Acq: 08 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

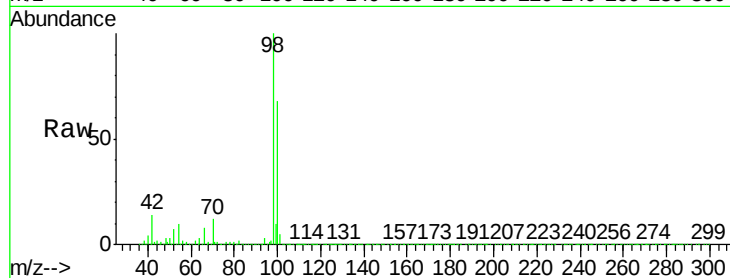
ST006MW008-200407

Tot Ion: 98 Resp: 2018420

Ion Ratio Lower Upper

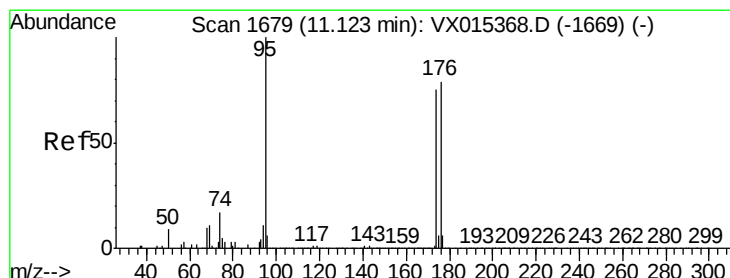
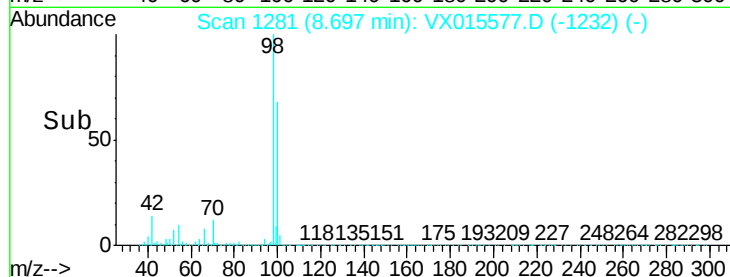
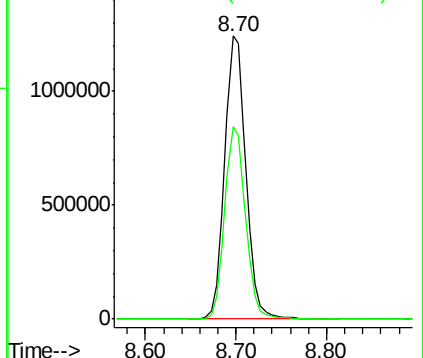
98 100

100 67.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 54.874 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015577.D

Acq: 08 Apr 2020 18:18

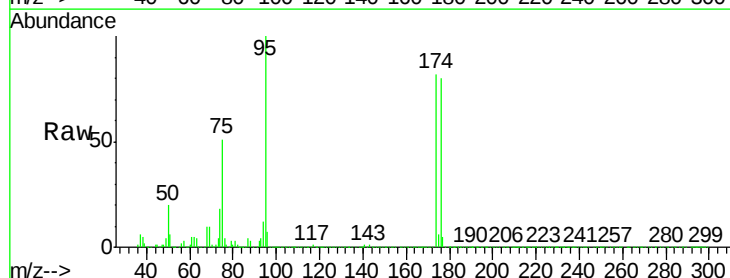
Tgt Ion: 95 Resp: 879278

Ion Ratio Lower Upper

95 100

174 82.7 0.0 158.6

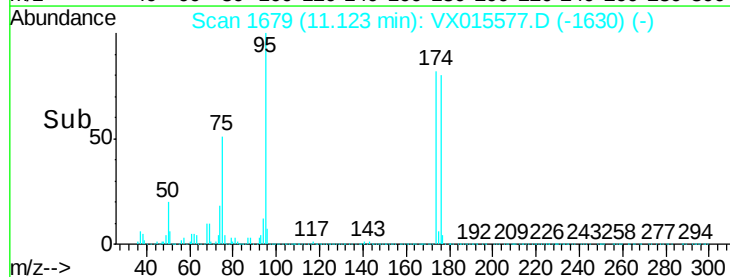
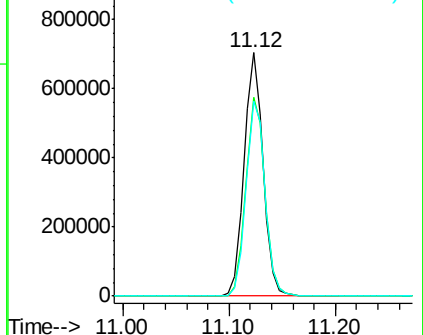
176 80.8 0.0 159.0

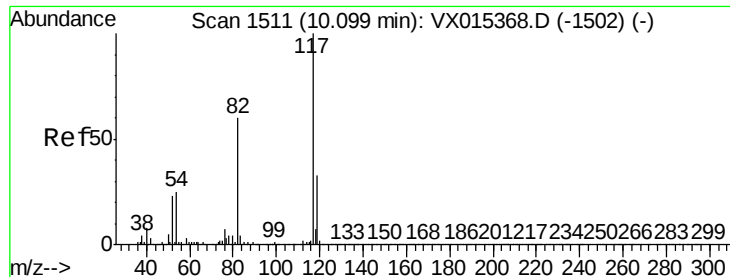


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

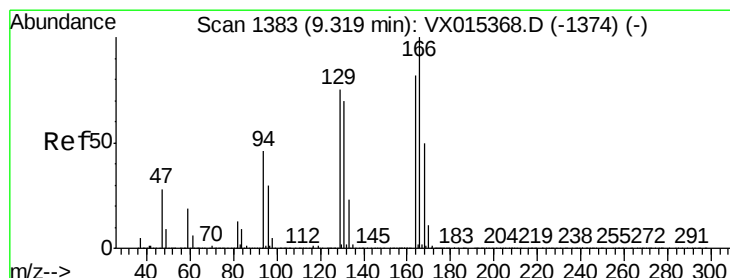
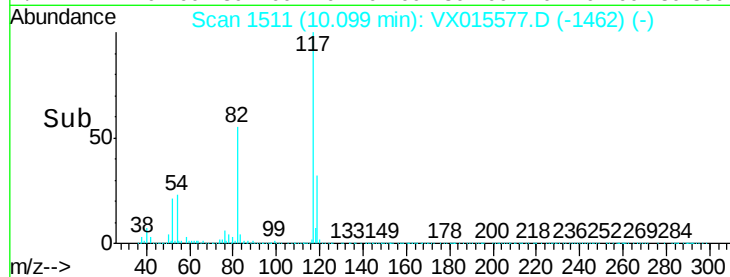
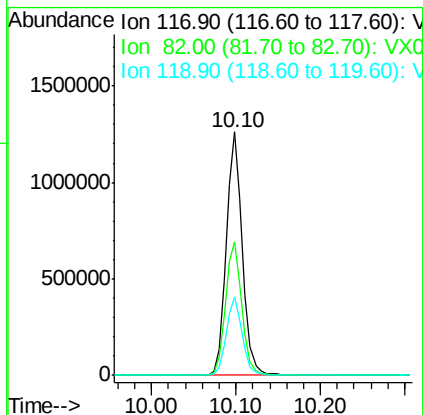
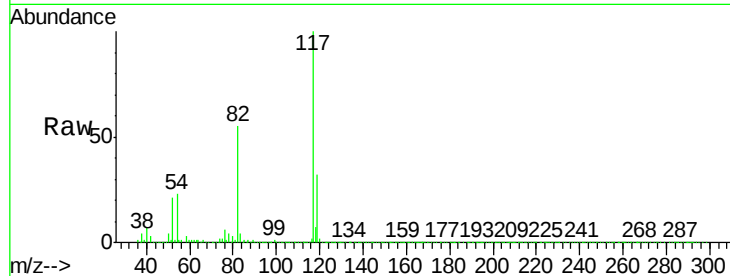




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015577.D
Acq: 08 Apr 2020 18:18

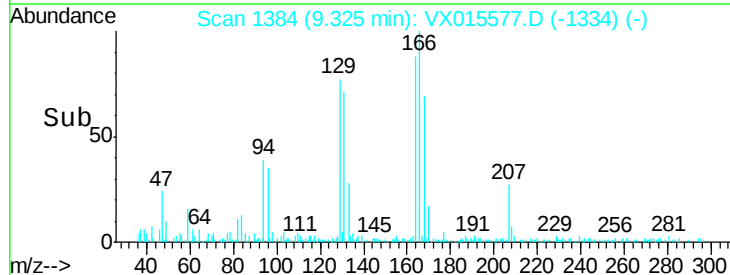
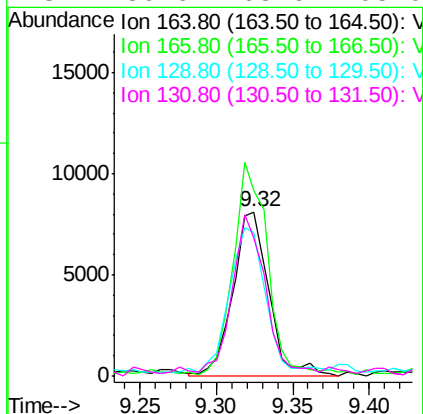
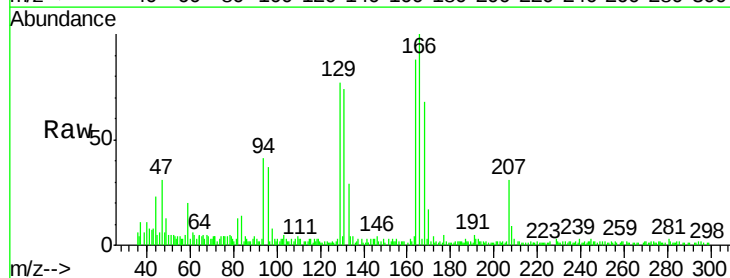
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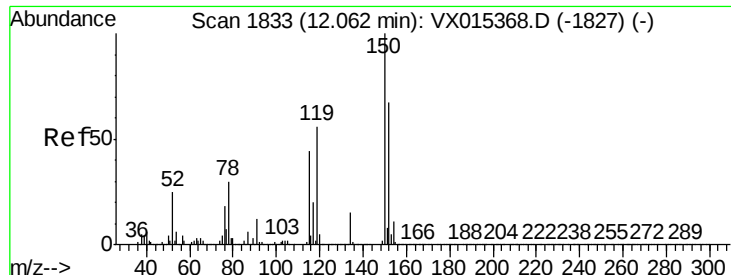
Tot Ion:117 Resp: 1647866
Ion Ratio Lower Upper
117 100
82 55.0 47.8 71.8
119 32.0 26.8 40.2



#64
Tetrachloroethene
Concen: 1.065 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015577.D
Acq: 08 Apr 2020 18:18

Tgt Ion:164 Resp: 13247
Ion Ratio Lower Upper
164 100
166 110.7 97.8 146.6
129 82.9 73.0 109.4
131 80.6 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: VX015577.D

Acq: 08 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

ST006MW008-200407

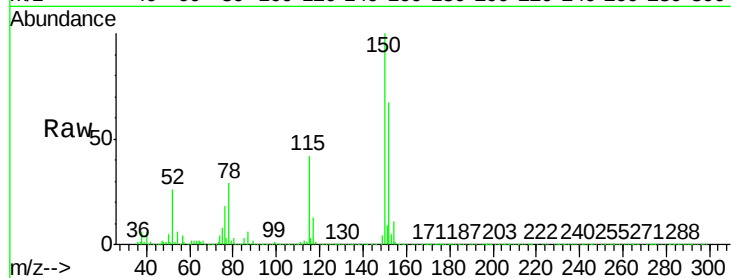
Tot Ion:152 Resp: 885251

Ion Ratio Lower Upper

152 100

115 58.7 39.0 116.9

150 154.5 0.0 340.8



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

