

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015591.D
 Acq On : 09 Apr 2020 13:07
 Operator : JC/SP
 Sample : L2190-23
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW151-200407

Quant Time: Apr 10 06:20:10 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	1117750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1712782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1682699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	928772	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	722913	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
35) Dibromofluoromethane	5.47	113	541169	49.43	ug/l	0.00
Spiked Amount			Recovery	=	98.86%	
50) Toluene-d8	8.70	98	2074319	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.12	95	912499	55.70	ug/l	0.00
Spiked Amount			Recovery	=	111.40%	

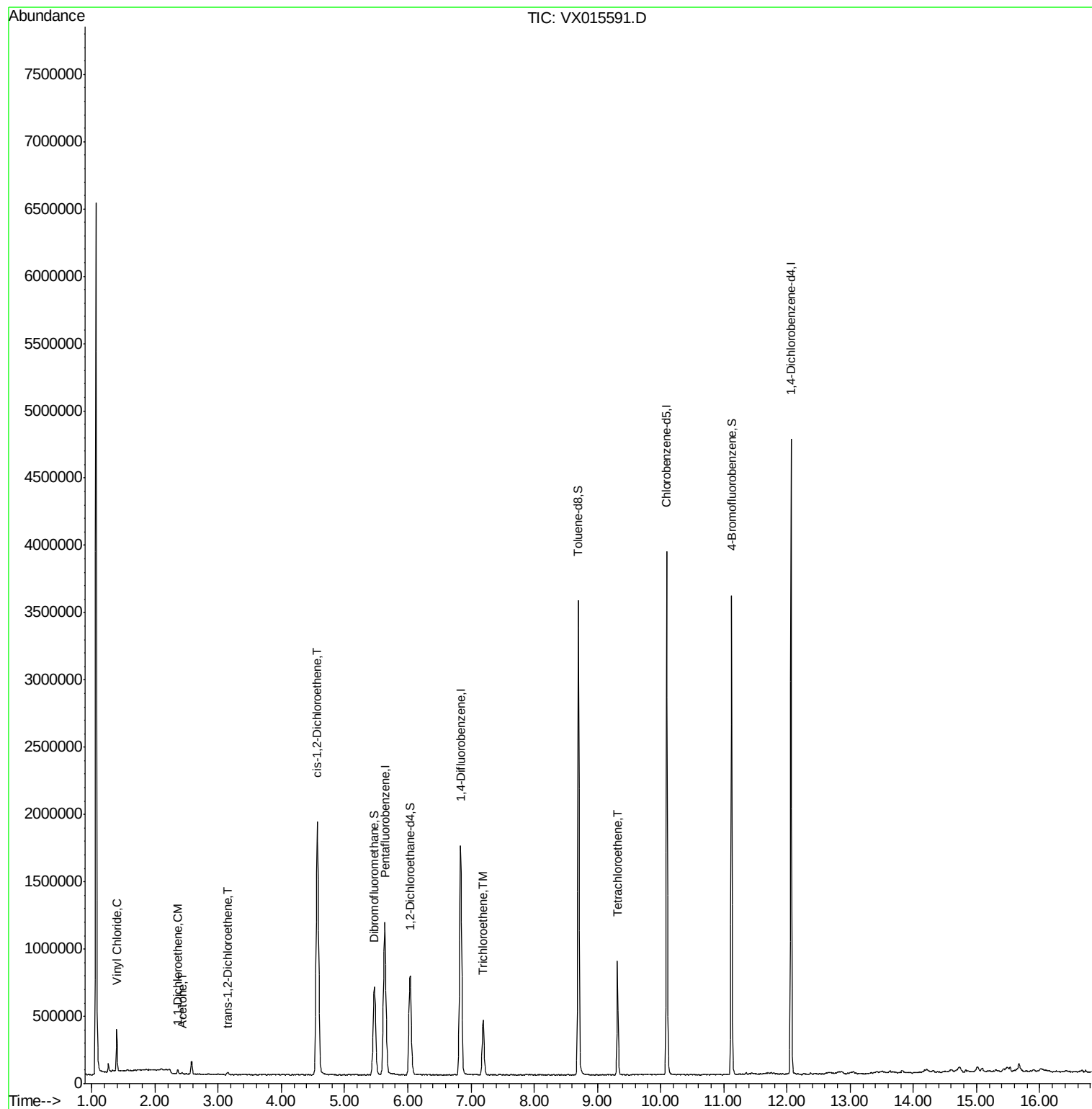
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	183753	15.957	ug/l	98
12) 1,1-Dichloroethene	2.36	96	9920	0.940	ug/l	87
16) Acetone	2.42	43	10134	1.496	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	8334	0.712	ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	1144319	84.454	ug/l	91
44) Trichloroethene	7.19	130	161989	12.849	ug/l	94
64) Tetrachloroethene	9.32	164	170422	13.420	ug/l	98

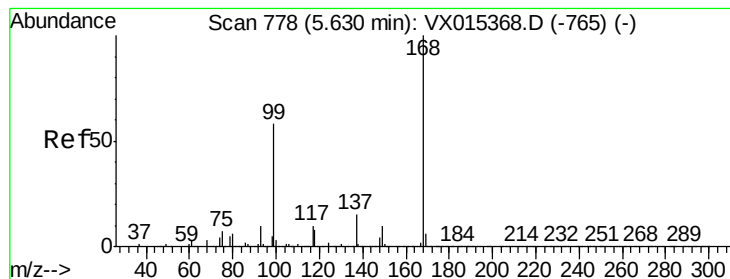
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015591.D

Acq: 09 Apr 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

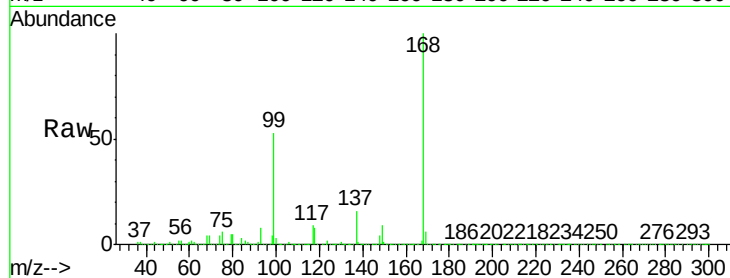
ST008MW151-200407

Tot Ion:168 Resp: 1117750

Ion Ratio Lower Upper

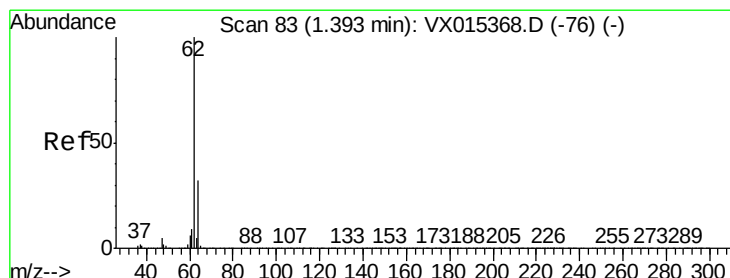
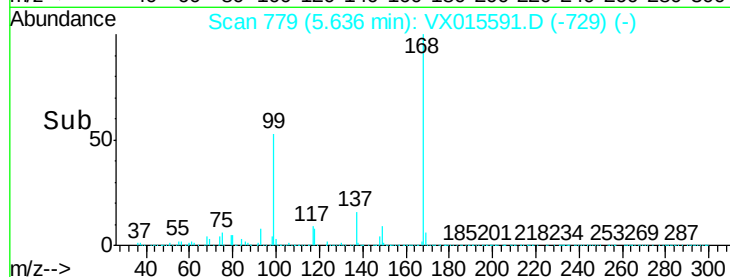
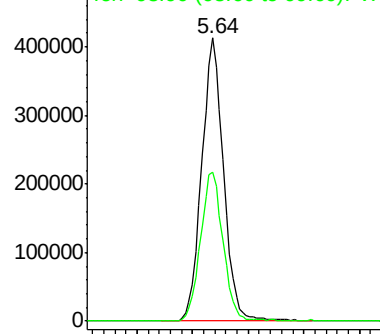
168 100

99 52.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 15.957 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015591.D

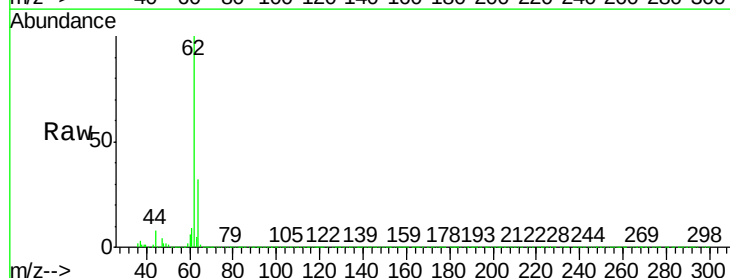
Acq: 09 Apr 2020 13:07

Tgt Ion: 62 Resp: 183753

Ion Ratio Lower Upper

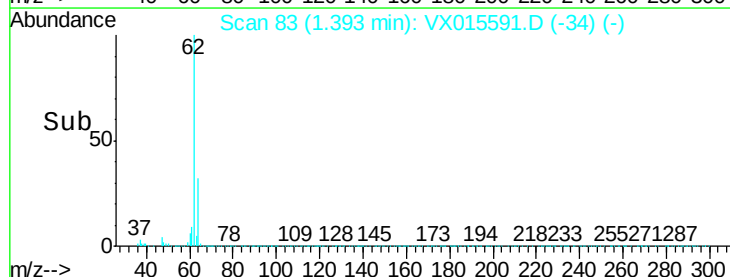
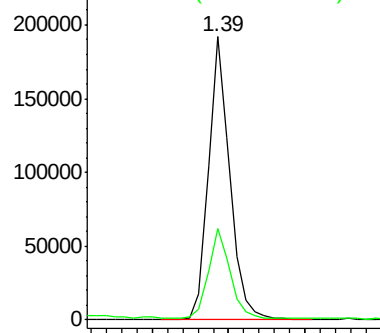
62 100

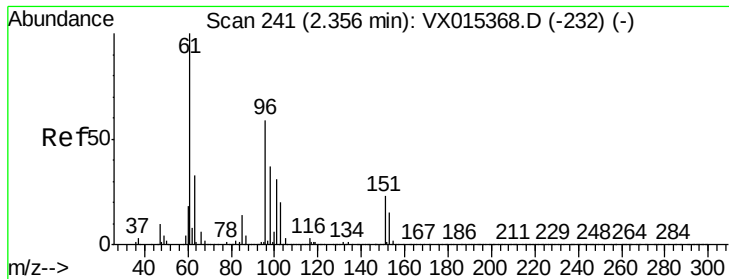
64 31.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

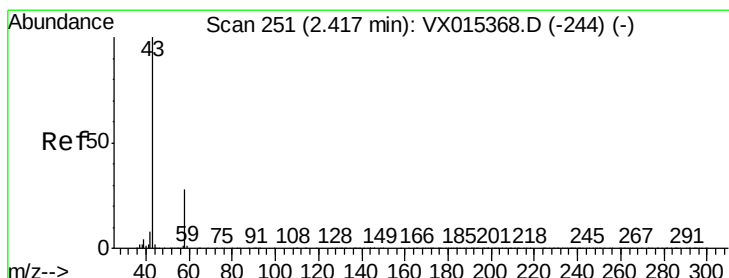
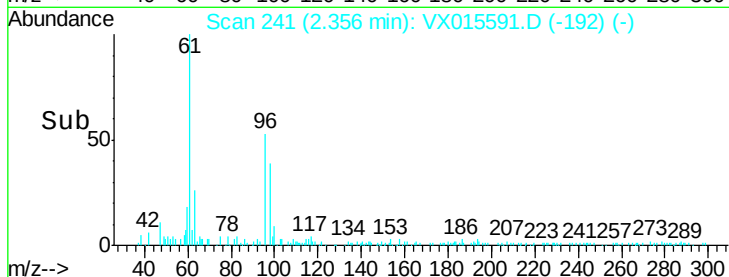
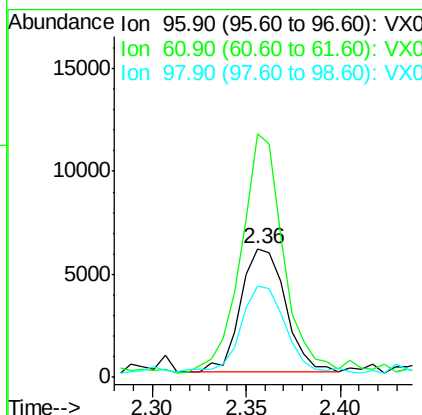
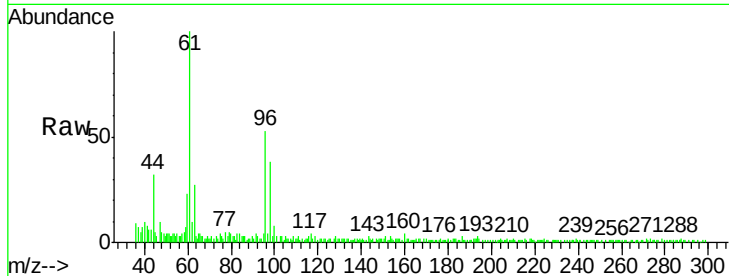




#12
1,1-Dichloroethene
Concen: 0.940 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015591.D
Acq: 09 Apr 2020 13:07

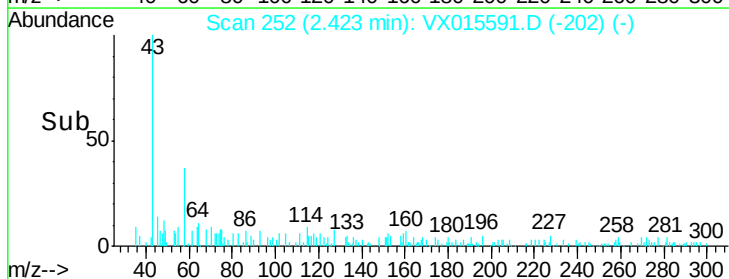
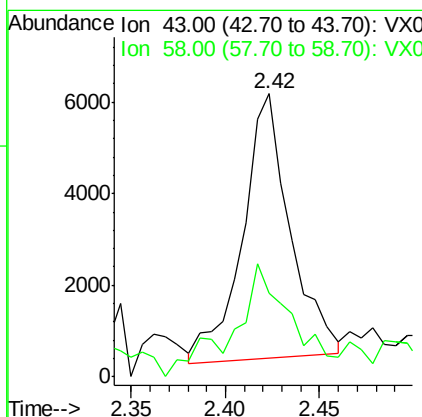
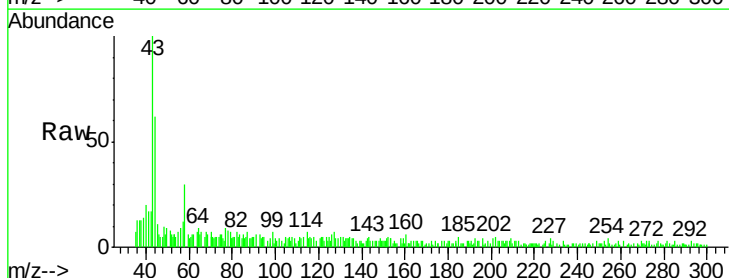
Instrument :
MSVOA_X
ClientSampleId :
ST008MW151-200407

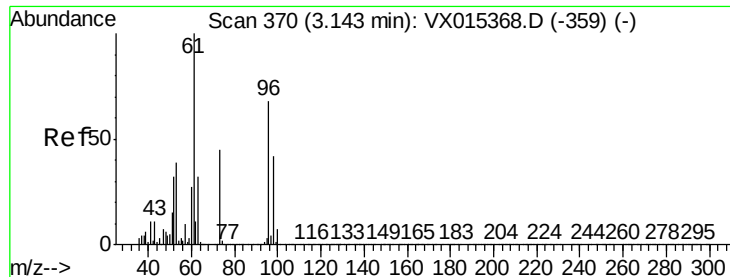
Tot Ion: 96 Resp: 9920
Ion Ratio Lower Upper
96 100
61 192.0 135.7 203.5
98 67.2 50.6 75.8



#16
Acetone
Concen: 1.496 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015591.D
Acq: 09 Apr 2020 13:07

Tgt Ion: 43 Resp: 10134
Ion Ratio Lower Upper
43 100
58 26.5 22.1 33.1





#21

trans-1,2-Dichloroethene

Concen: 0.712 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015591.D

Acq: 09 Apr 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

ST008MW151-200407

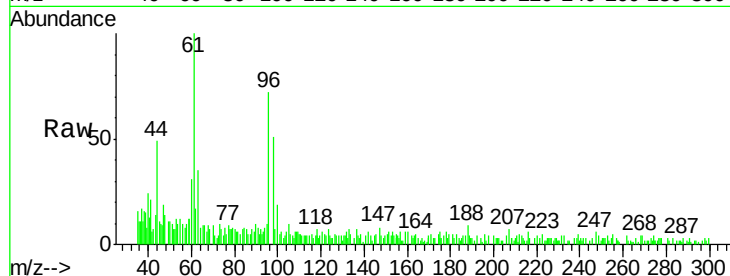
Tot Ion: 96 Resp: 8334

Ion Ratio Lower Upper

96 100

61 136.9 116.9 175.3

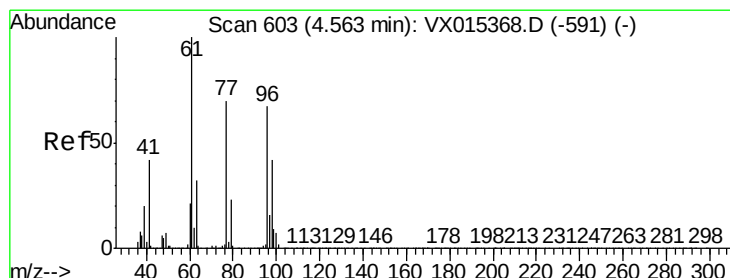
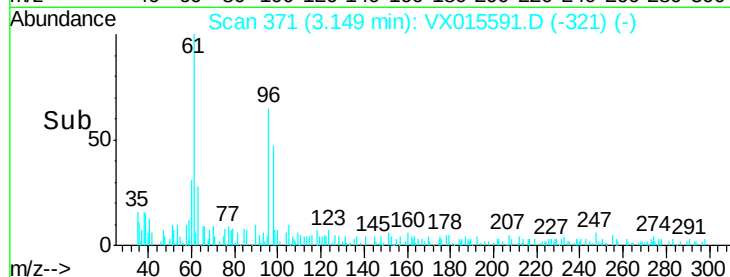
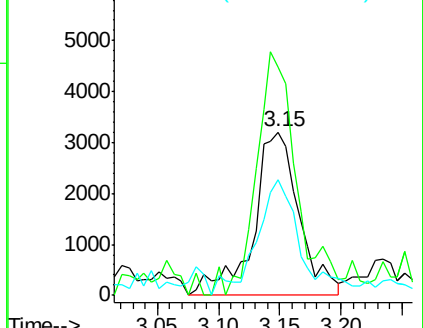
98 68.5 48.6 73.0



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



#27

cis-1,2-Dichloroethene

Concen: 84.454 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015591.D

Acq: 09 Apr 2020 13:07

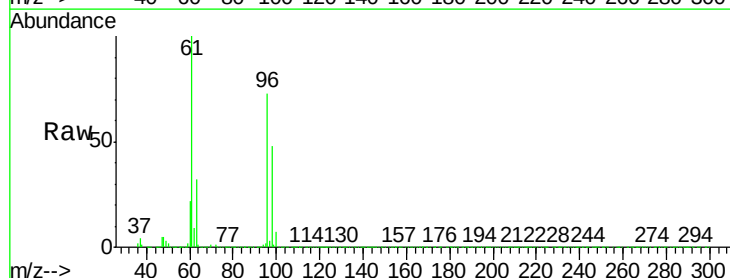
Tgt Ion: 96 Resp: 1144319

Ion Ratio Lower Upper

96 100

61 137.9 0.0 308.4

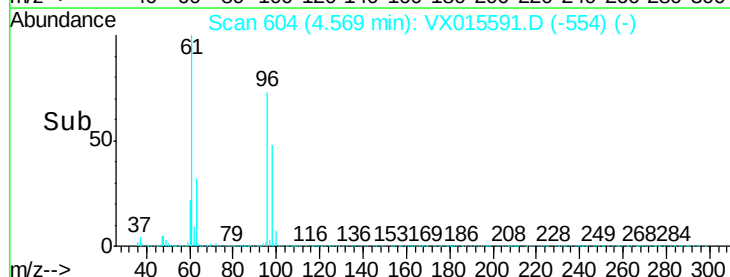
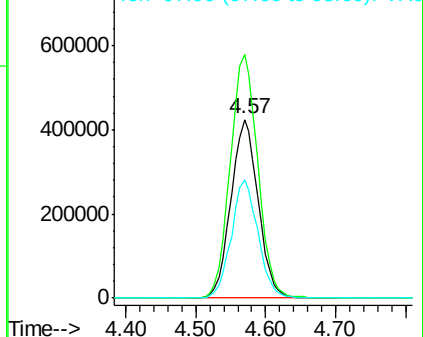
98 65.1 0.0 129.2

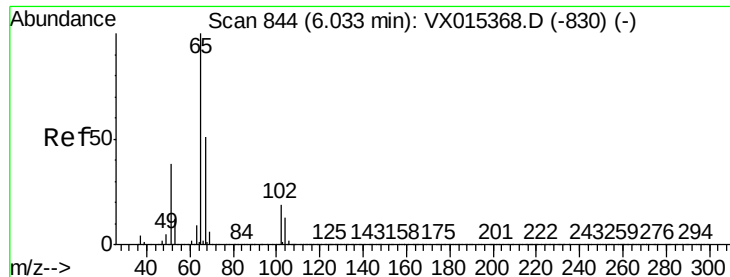


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

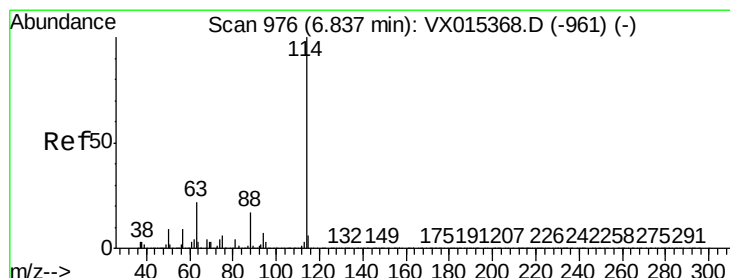
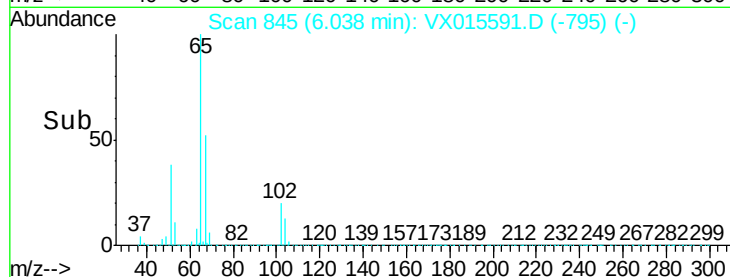
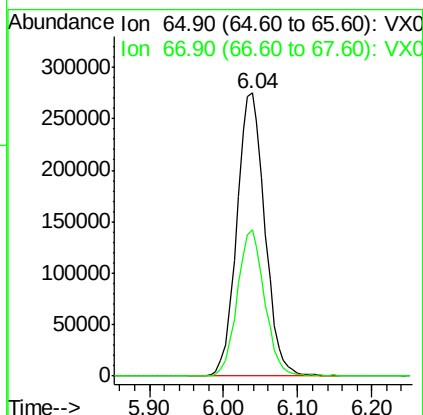
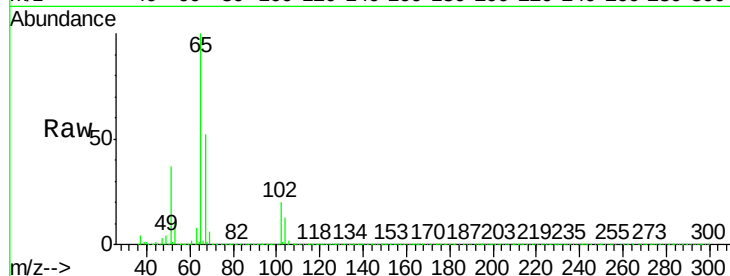




#33
 1,2-Dichloroethane-d4
 Concen: 45.857 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015591.D
 Acq: 09 Apr 2020 13:07

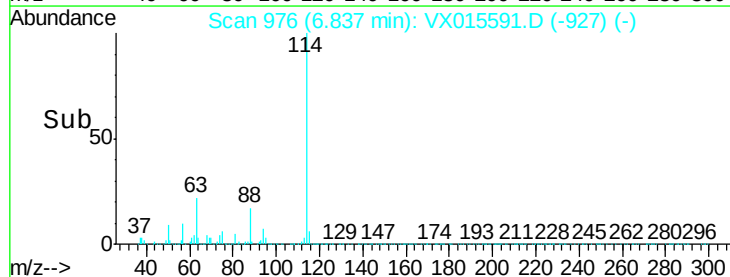
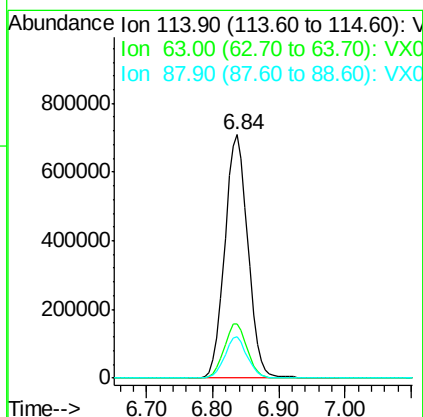
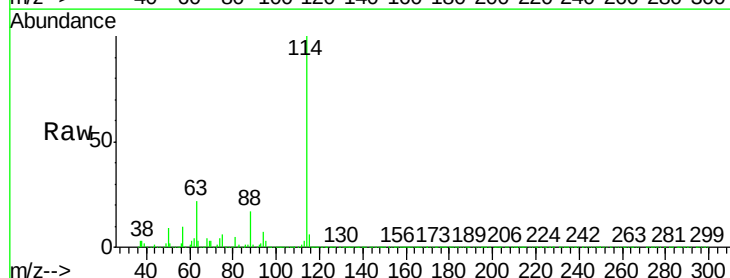
Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW151-200407

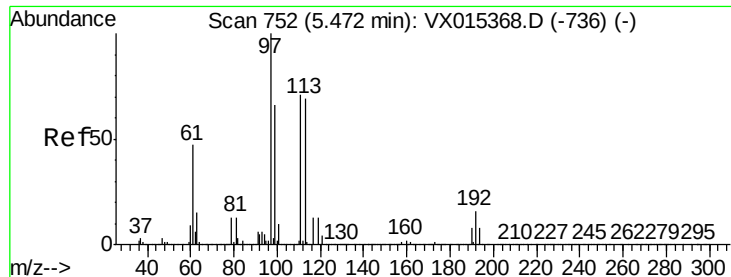
Tot Ion: 65 Resp: 722913
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015591.D
 Acq: 09 Apr 2020 13:07

Tgt Ion: 114 Resp: 1712782
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.2
 88 17.1 0.0 33.8

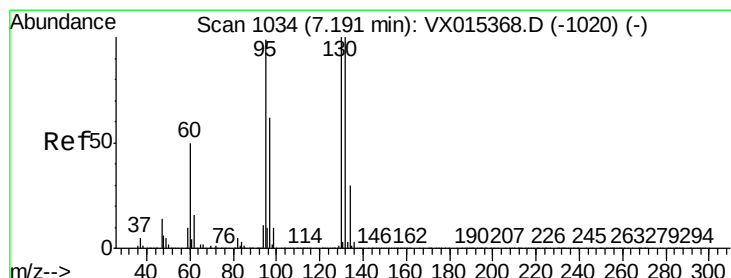
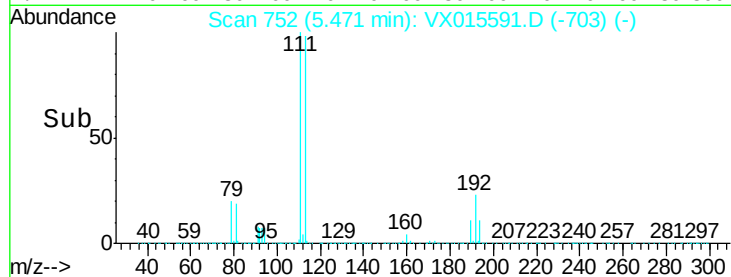
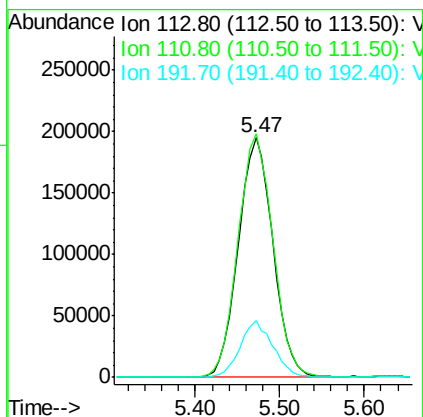
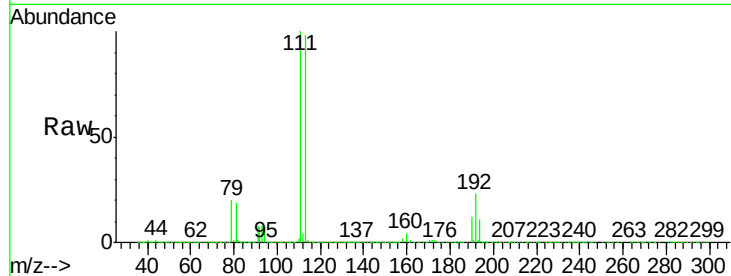




#35
 Dibromofluoromethane
 Concen: 49.428 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015591.D
 Acq: 09 Apr 2020 13:07

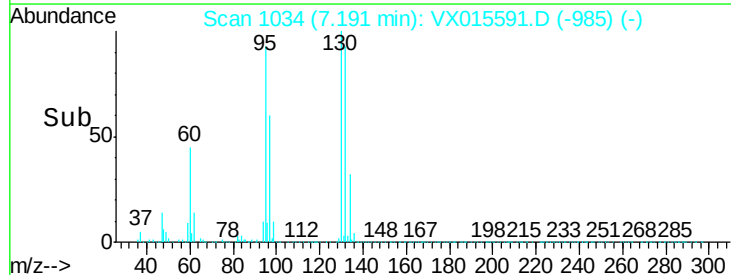
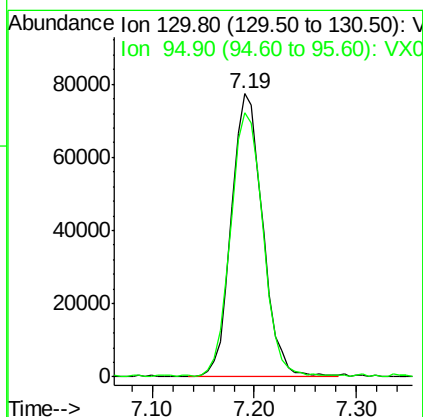
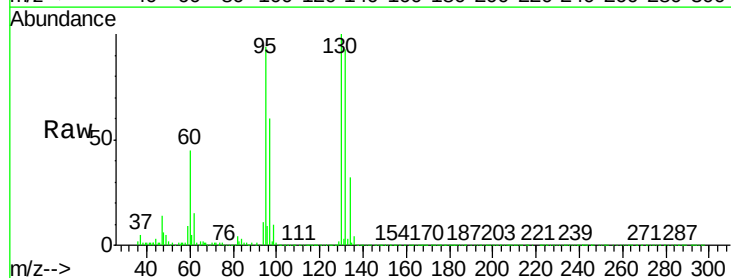
Instrument :
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 ClientSampleId :
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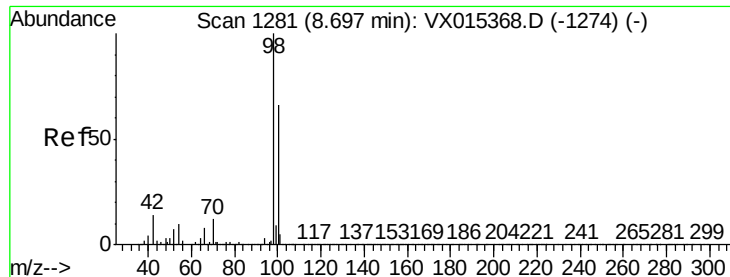
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	22.4	17.8	26.6



#44
 Trichloroethene
 Concen: 12.849 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015591.D
 Acq: 09 Apr 2020 13:07

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	199.0





#50

Toluene-d8

Concen: 51.460 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015591.D

Acq: 09 Apr 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

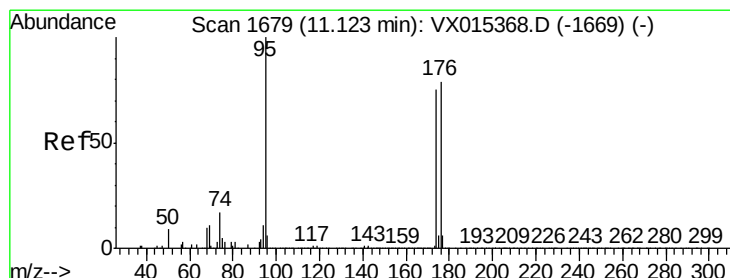
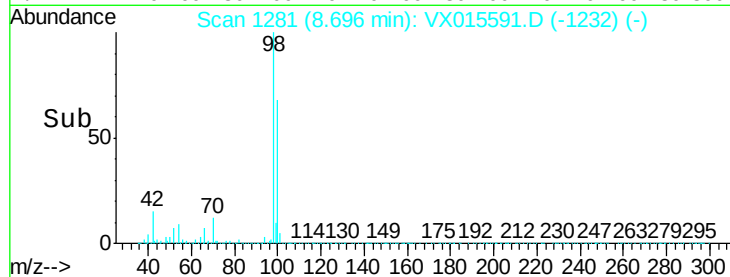
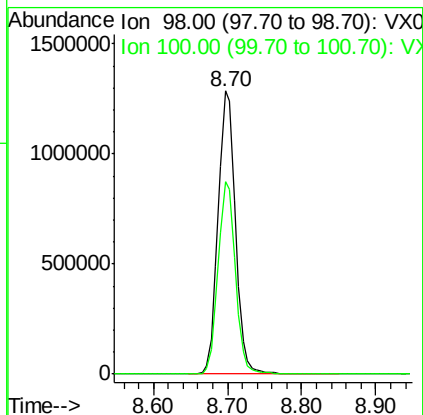
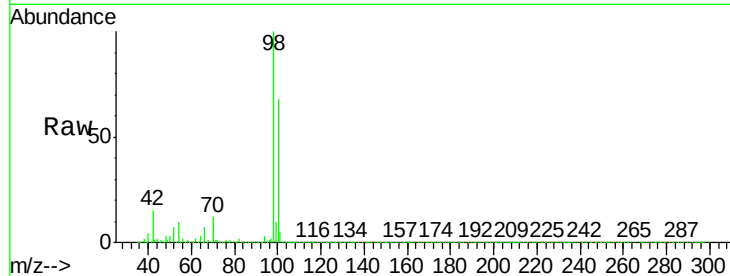
ST008MW151-200407

Tot Ion: 98 Resp: 2074319

Ion Ratio Lower Upper

98 100

100 67.6 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 55.701 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015591.D

Acq: 09 Apr 2020 13:07

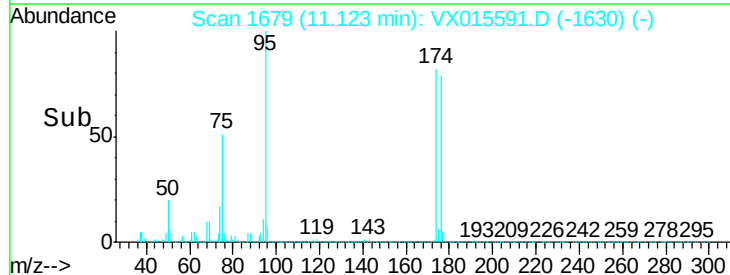
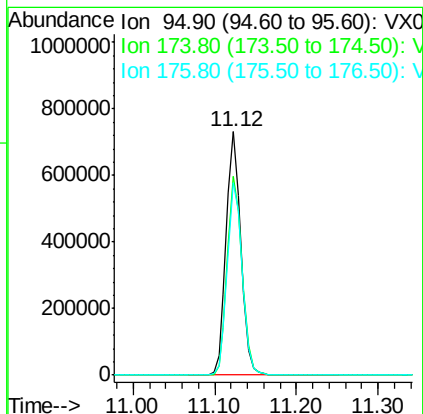
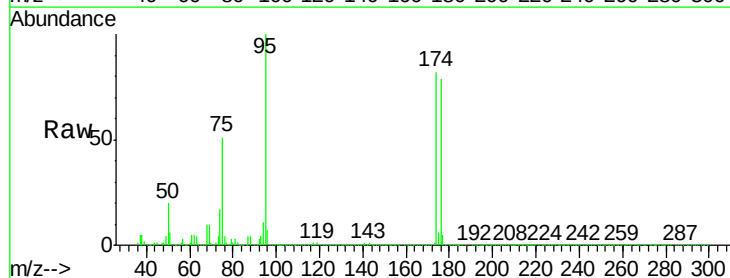
Tgt Ion: 95 Resp: 912499

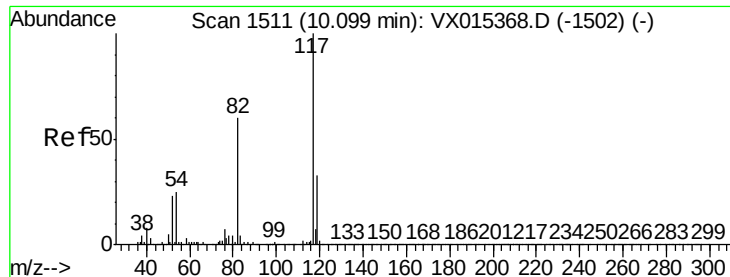
Ion Ratio Lower Upper

95 100

174 82.1 0.0 158.6

176 79.7 0.0 159.0

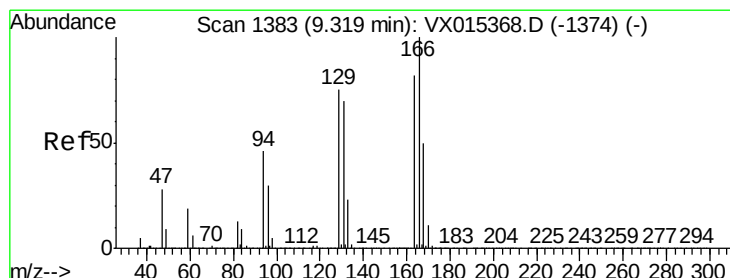
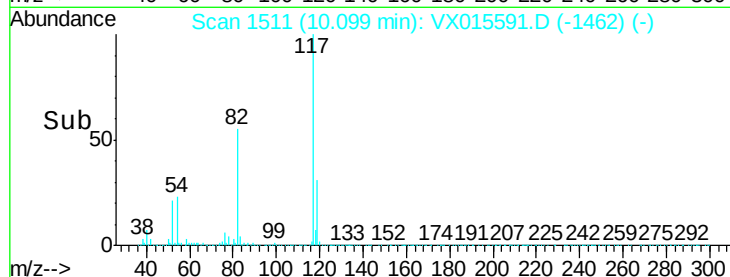
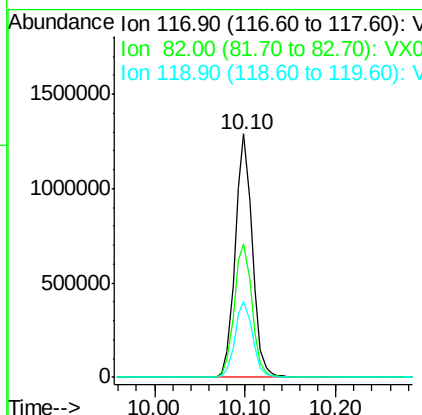
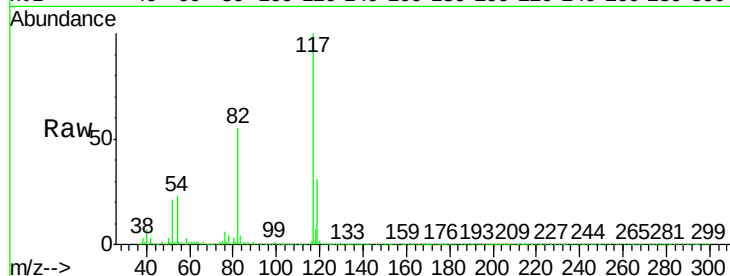




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015591.D
Acq: 09 Apr 2020 13:07

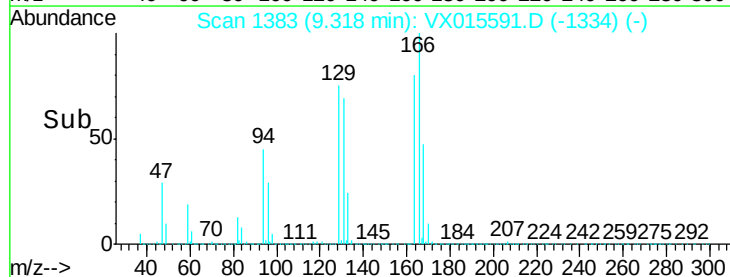
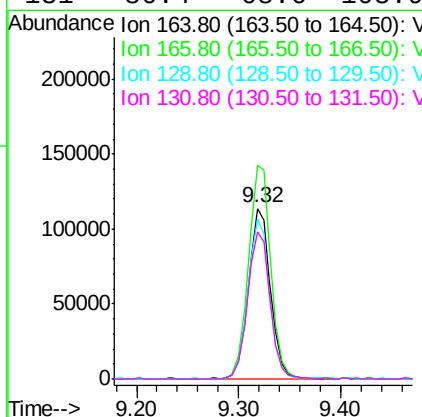
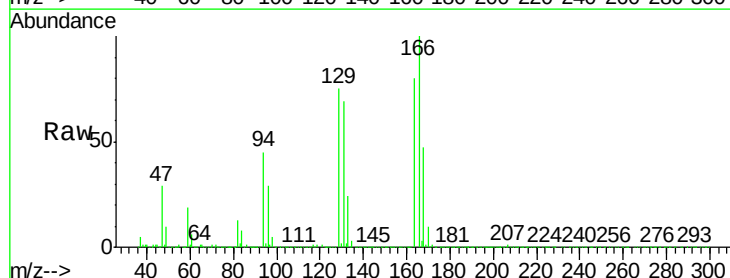
Instrument :
MSVOA_X
ClientSampleId :
ST008MW151-200407

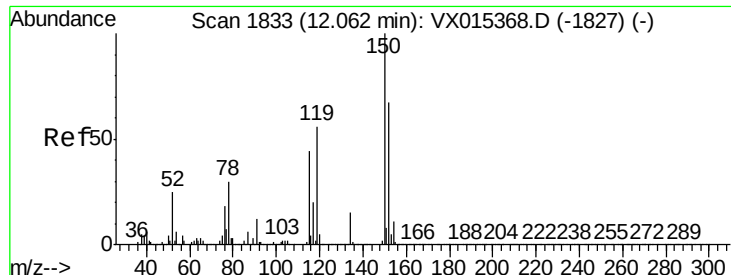
Tot Ion:117 Resp: 1682699
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.8
119 31.0 26.8 40.2



#64
Tetrachloroethene
Concen: 13.420 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015591.D
Acq: 09 Apr 2020 13:07

Tgt Ion:164 Resp: 170422
Ion Ratio Lower Upper
164 100
166 125.3 97.8 146.6
129 93.6 73.0 109.4
131 86.4 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: VX015591.D

Acq: 09 Apr 2020 13:07

Instrument :

MSVOA_X

ClientSampleId :

ST008MW151-200407

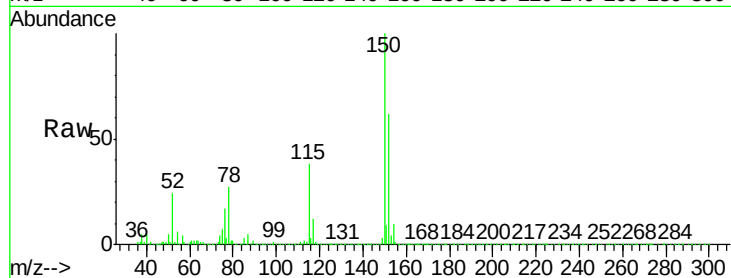
Tot Ion:152 Resp: 928772

Ion Ratio Lower Upper

152 100

115 57.6 39.0 116.9

150 156.8 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

