

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015690.D
 Acq On : 15 Apr 2020 17:53
 Operator : JC/SP
 Sample : L2233-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW157-200408

Quant Time: Apr 16 07:20:06 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

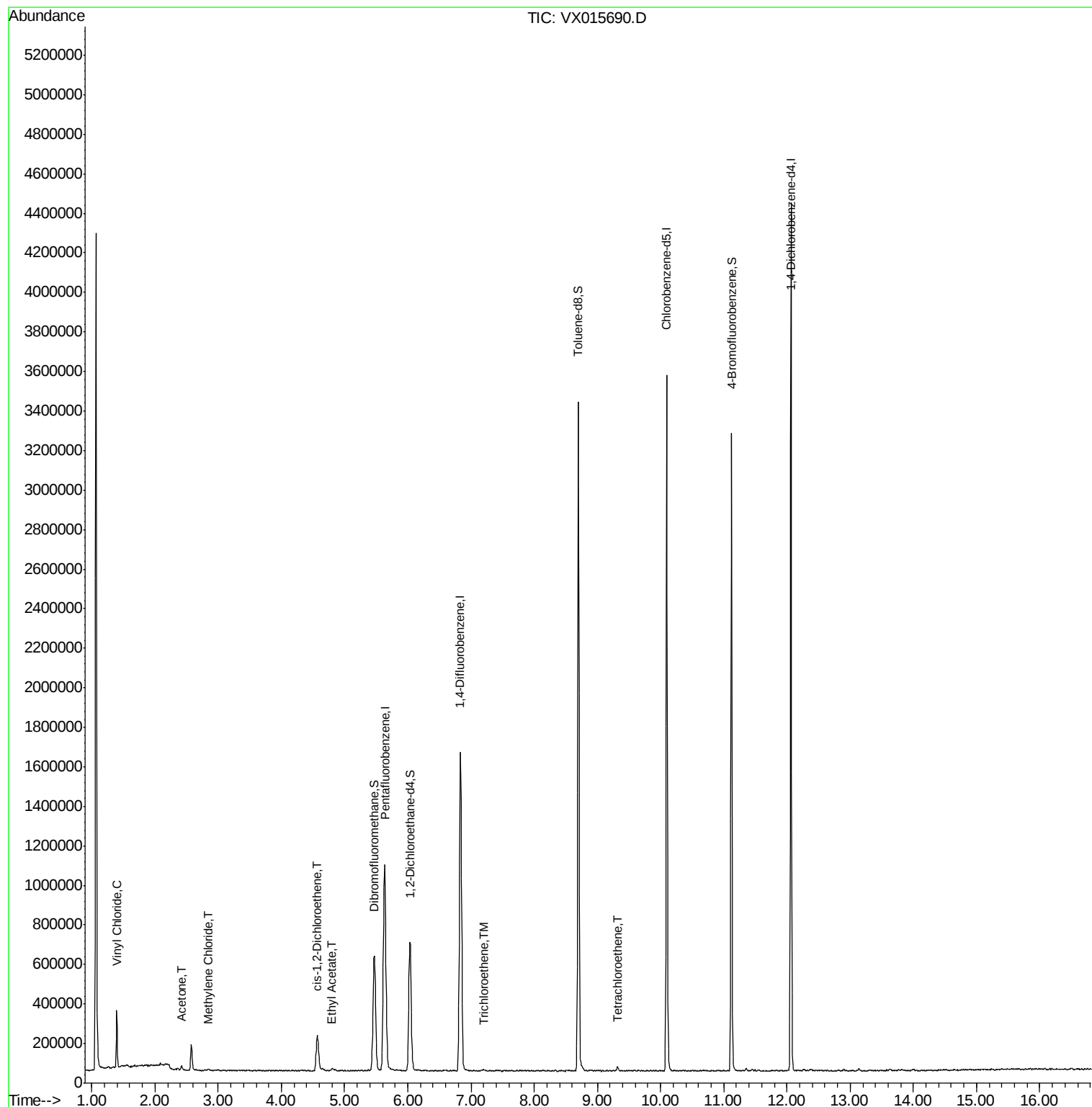
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1097836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1667170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1610179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	889388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	644796	41.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.28%	
35) Dibromofluoromethane	5.47	113	488224	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
50) Toluene-d8	8.70	98	1982821	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.12	95	826629	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
Target Compounds						
4) Vinyl Chloride	1.39	62	167615	14.820	ug/l	97
16) Acetone	2.42	43	24905	3.744	ug/l	96
20) Methylene Chloride	2.83	84	3918	0.315	ug/l	84
27) cis-1,2-Dichloroethene	4.56	96	112627	8.463	ug/l	90
37) Ethyl Acetate	4.81	43	21840	1.092	ug/l #	80
44) Trichloroethene	7.20	130	3528	0.287	ug/l	60
64) Tetrachloroethene	9.32	164	4619	0.380	ug/l #	79

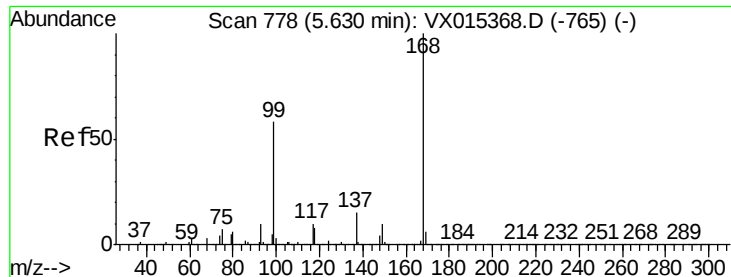
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015690.D

Acq: 15 Apr 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

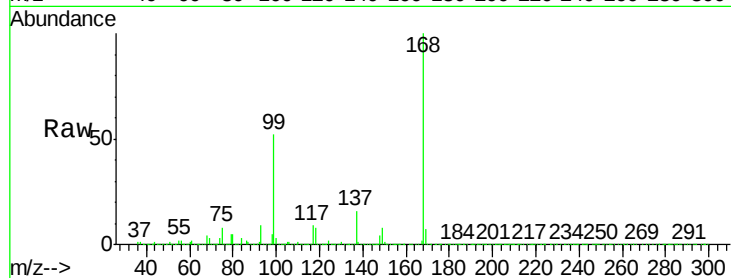
ST008MW157-200408

Tot Ion:168 Resp: 1097836

Ion Ratio Lower Upper

168 100

99 51.8 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

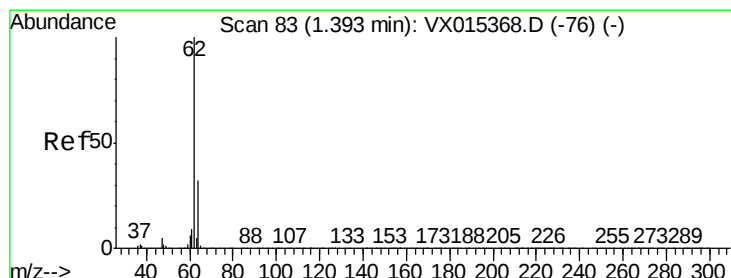
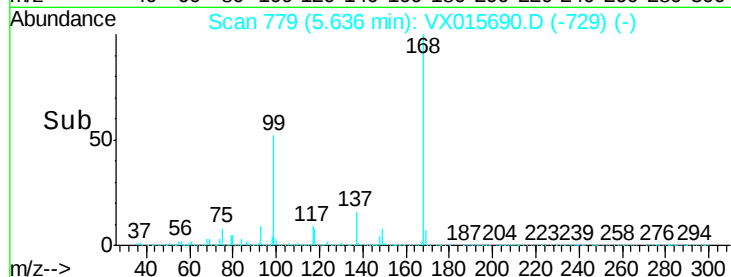
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 14.820 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015690.D

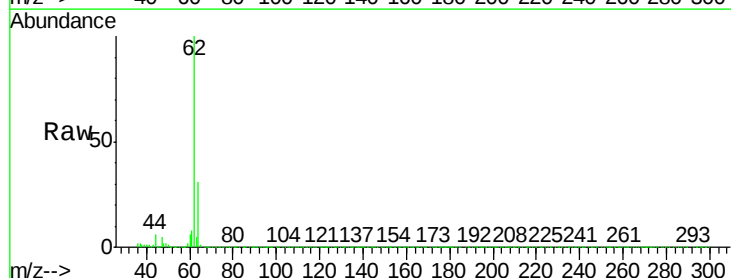
Acq: 15 Apr 2020 17:53

Tgt Ion: 62 Resp: 167615

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

150000

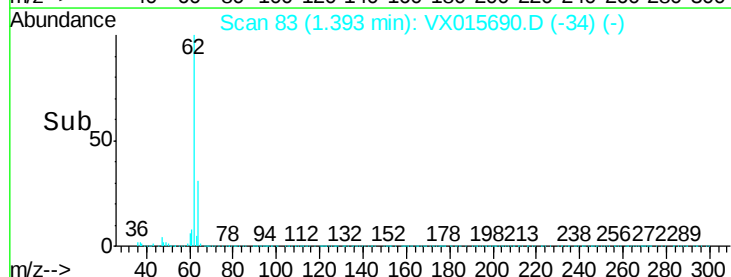
100000

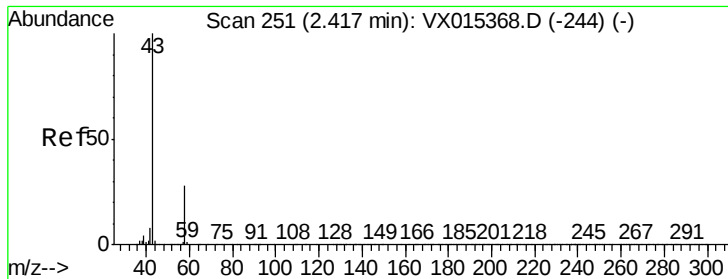
50000

0

1.35 1.40 1.45 1.50

Time-->

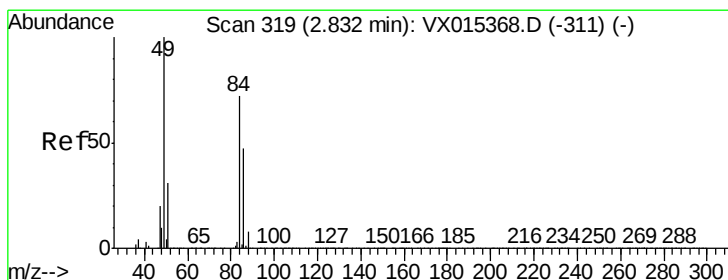
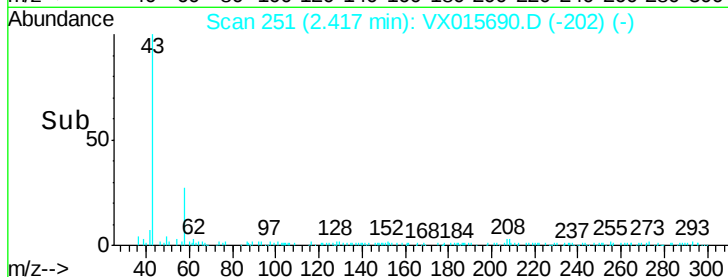
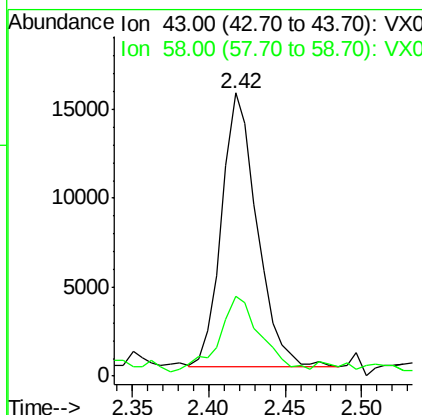
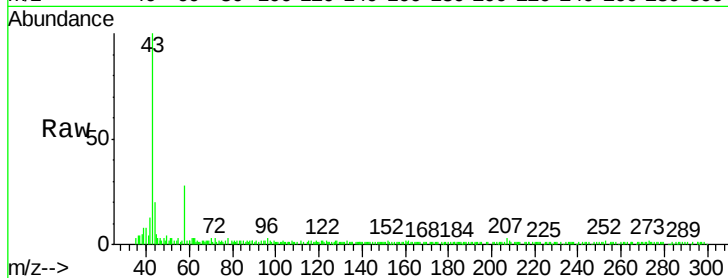




#16
Acetone
Concen: 3.744 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015690.D
Acq: 15 Apr 2020 17:53

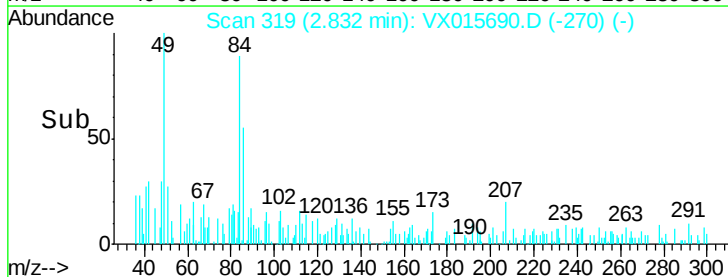
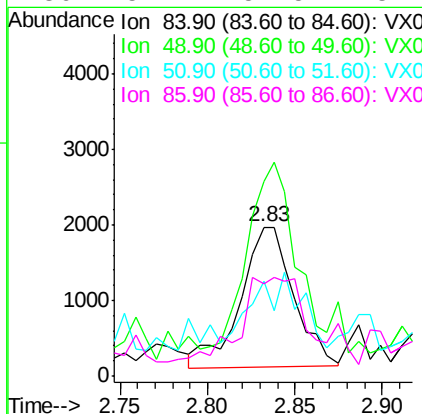
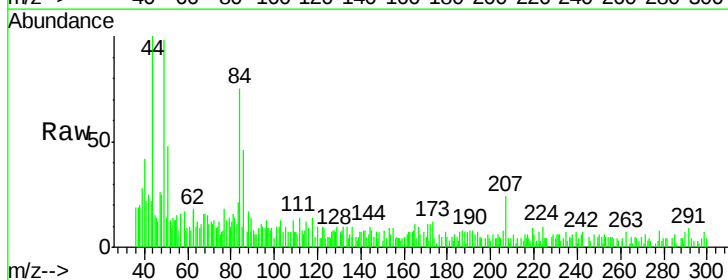
Instrument :
MSVOA_X
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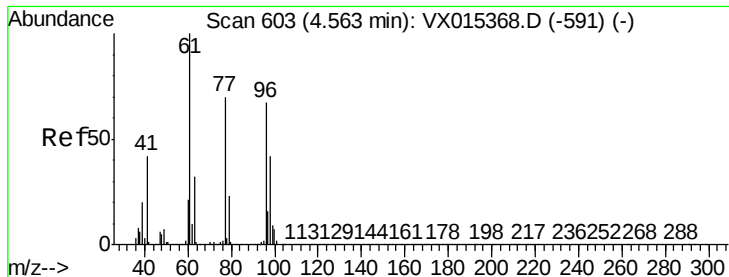
Tot Ion: 43 Resp: 24905
Ion Ratio Lower Upper
43 100
58 25.7 22.1 33.1



#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015690.D
Acq: 15 Apr 2020 17:53

Tgt Ion: 84 Resp: 3918
Ion Ratio Lower Upper
84 100
49 114.3 111.3 166.9
51 41.1 34.0 51.0
86 54.2 52.5 78.7



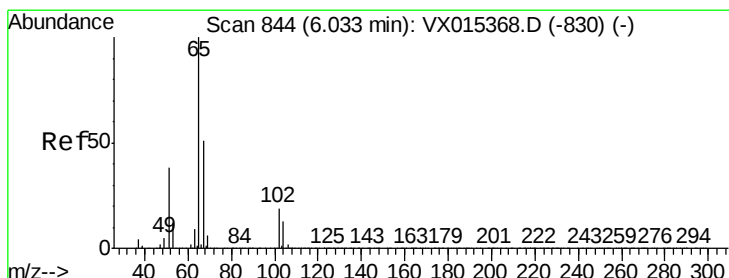
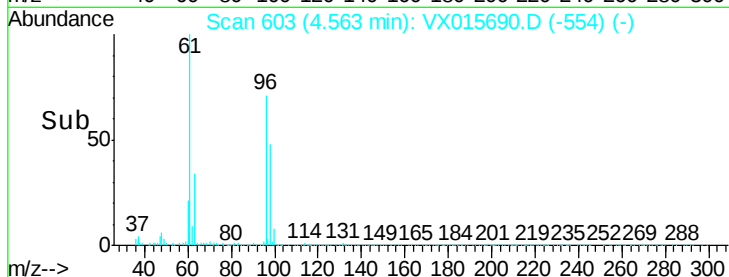
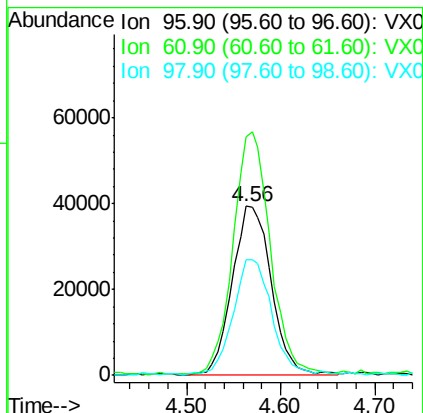
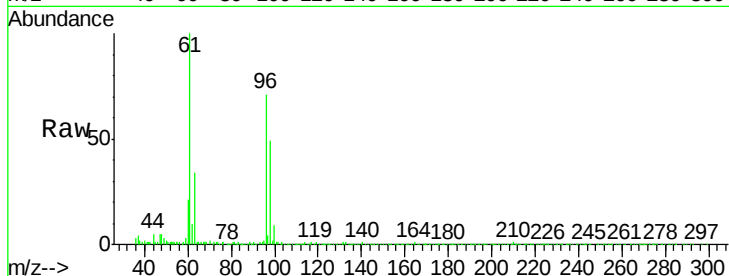


#27

cis-1,2-Dichloroethene
Concen: 8.463 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015690.D
Acq: 15 Apr 2020 17:53

Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-200408

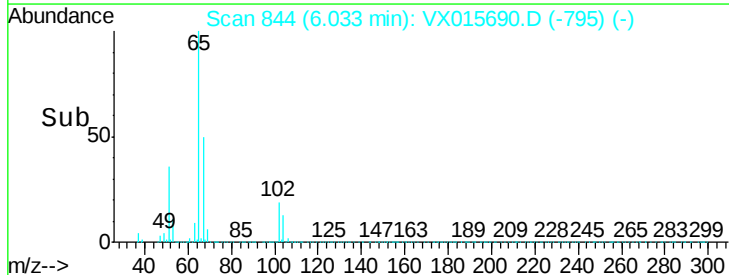
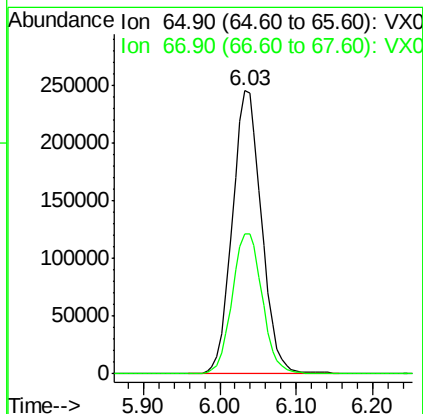
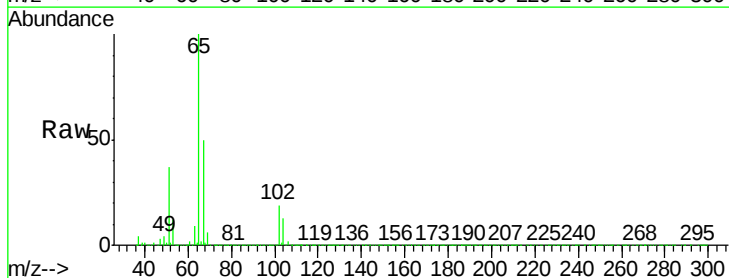
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	308.4
98	68.9	0.0	129.2

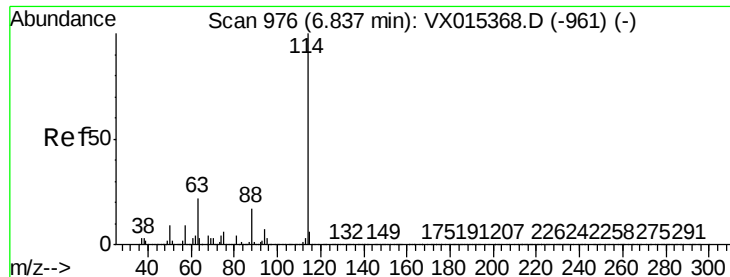


#33

1,2-Dichloroethane-d4
Concen: 41.643 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015690.D
Acq: 15 Apr 2020 17:53

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.0	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: VX015690.D

Acq: 15 Apr 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-200408

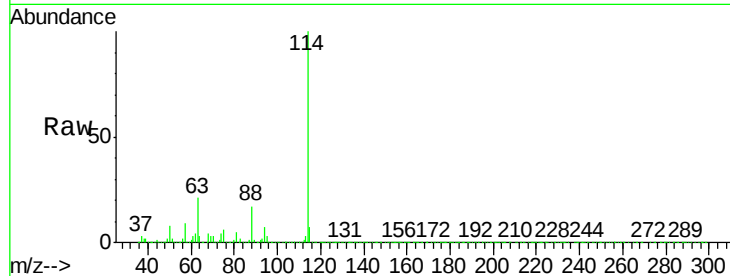
Tot Ion:114 Resp: 1667170

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

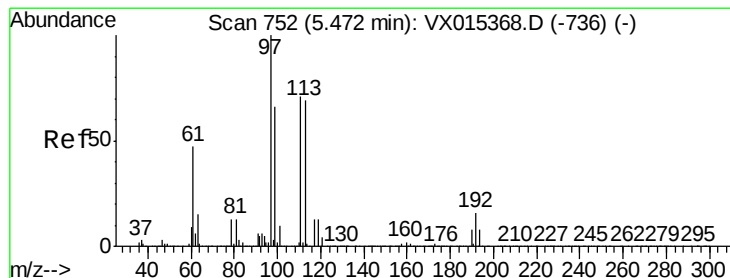
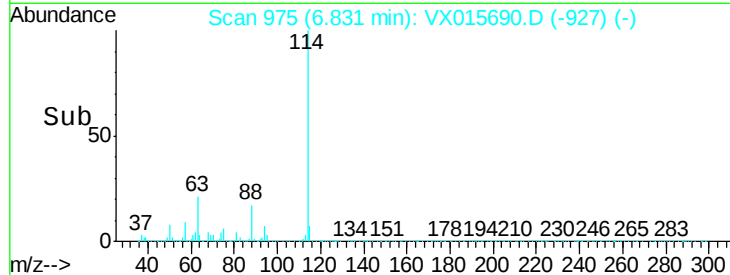
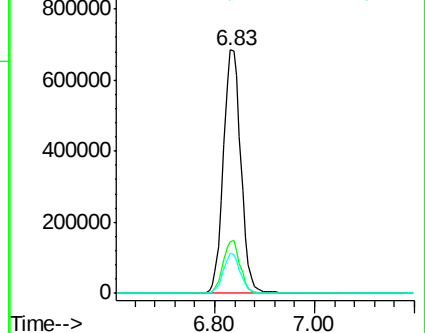
88 16.5 0.0 33.8



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: 45.812 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015690.D

Acq: 15 Apr 2020 17:53

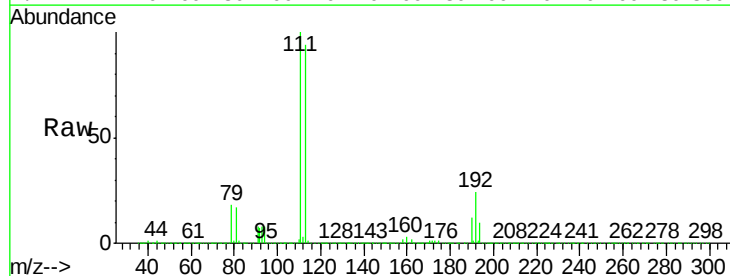
Tgt Ion:113 Resp: 488224

Ion Ratio Lower Upper

113 100

111 104.9 81.5 122.3

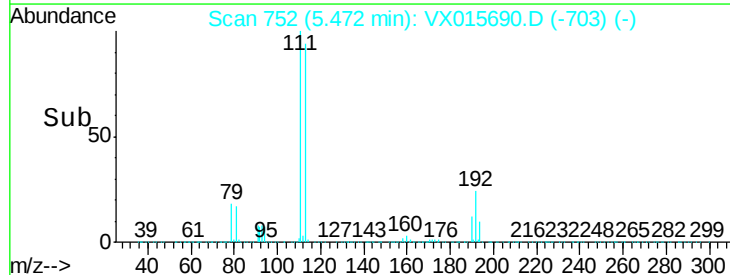
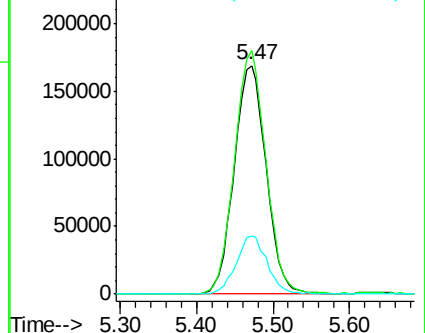
192 24.6 17.8 26.6

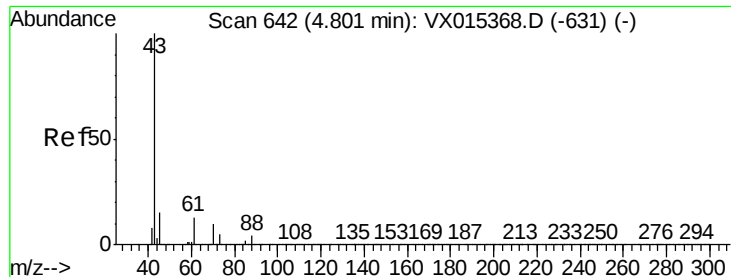


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

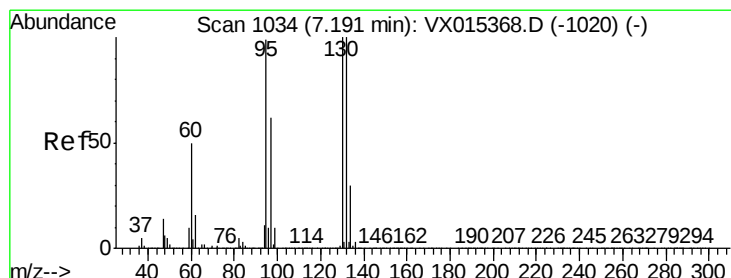
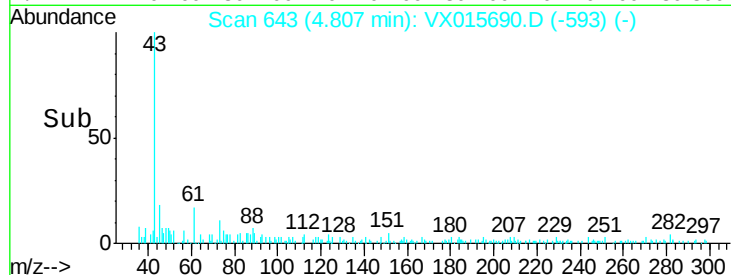
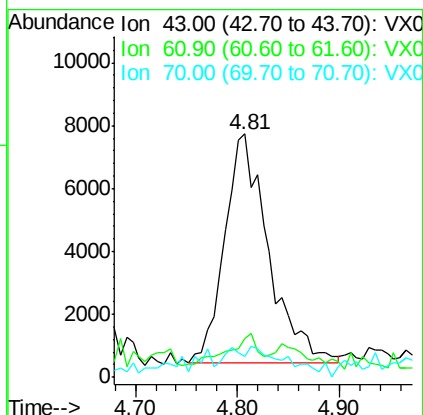
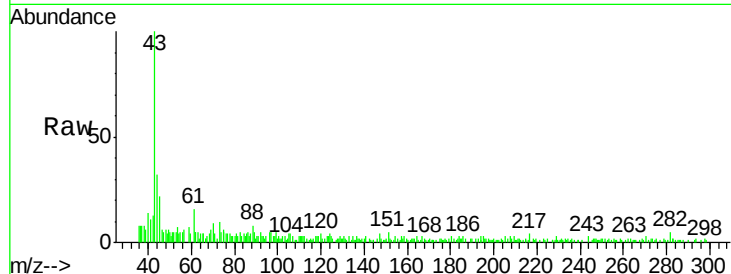




#37
Ethyl Acetate
Concen: 1.092 ug/l
RT: 4.81 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX015690.D
Acq: 15 Apr 2020 17:53

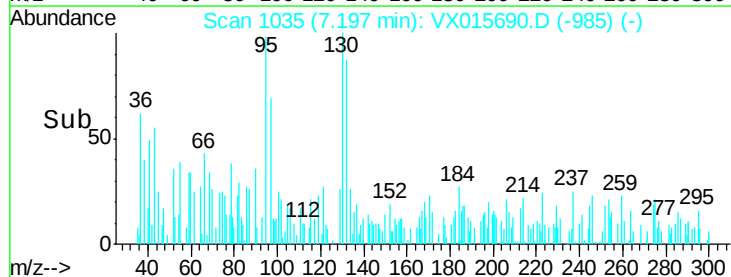
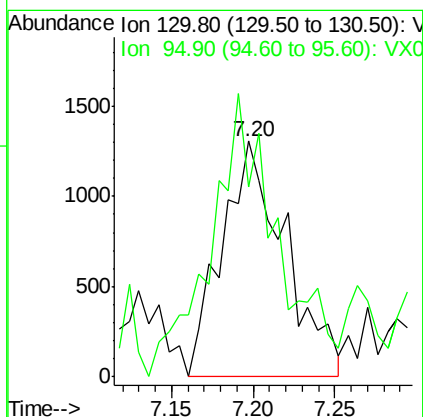
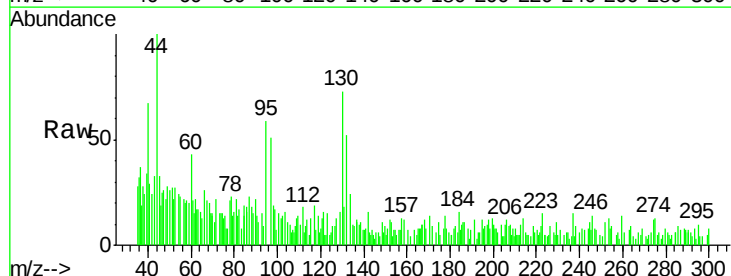
Instrument :
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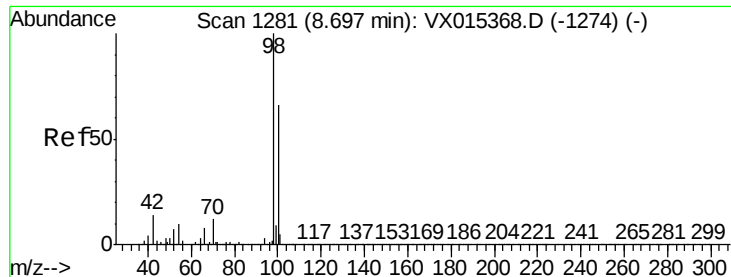
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	7.6	8.1	12.1#



#44
Trichloroethene
Concen: 0.287 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX015690.D
Acq: 15 Apr 2020 17:53

Tgt Ion	Ratio	Lower	Upper
130	100		
95	59.6	0.0	199.0





#50

Toluene-d8

Concen: 50.535 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015690.D

Acq: 15 Apr 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

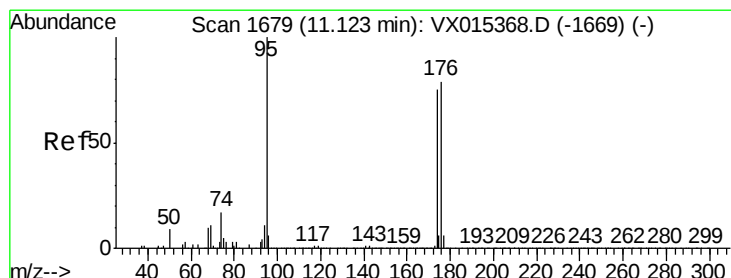
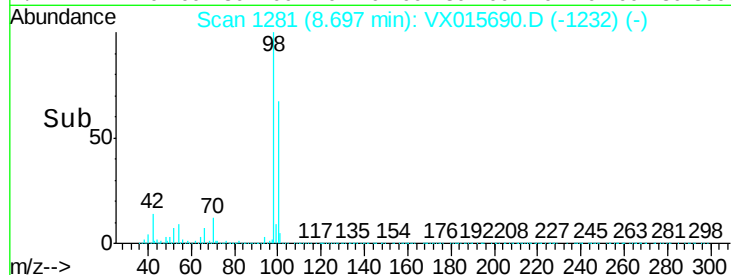
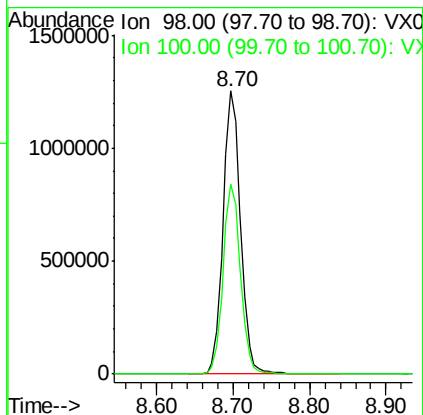
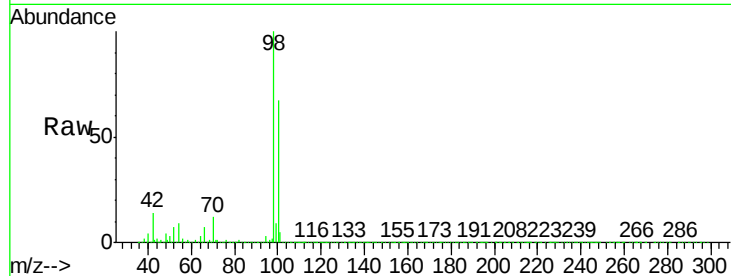
ST008MW157-200408

Tot Ion: 98 Resp: 1982821

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 51.840 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015690.D

Acq: 15 Apr 2020 17:53

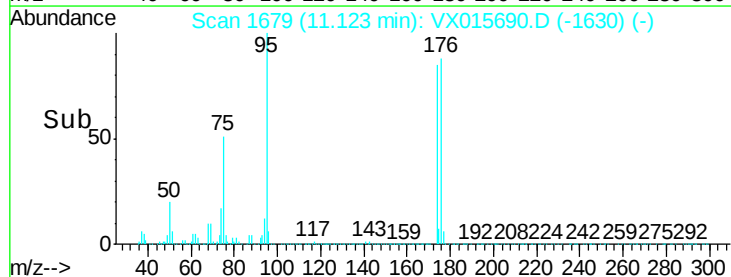
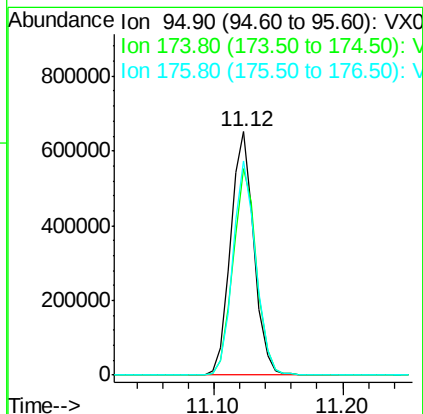
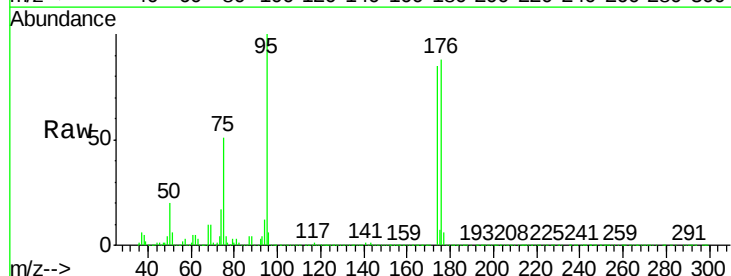
Tgt Ion: 95 Resp: 826629

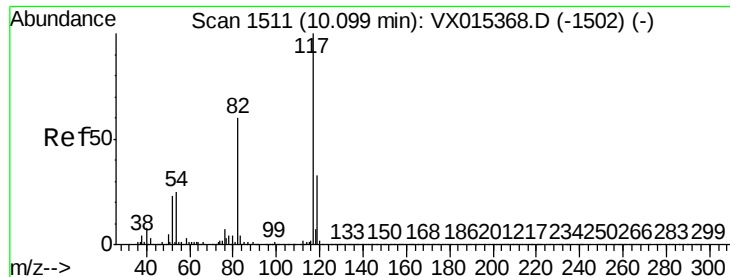
Ion Ratio Lower Upper

95 100

174 85.2 0.0 158.6

176 86.3 0.0 159.0

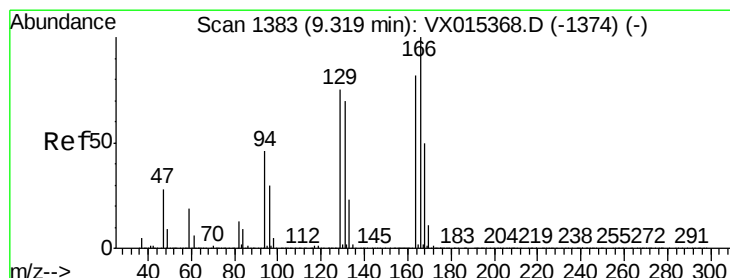
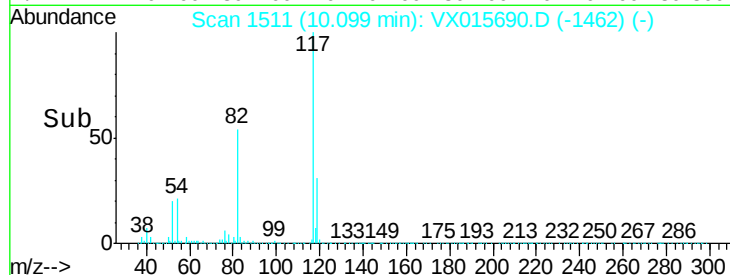
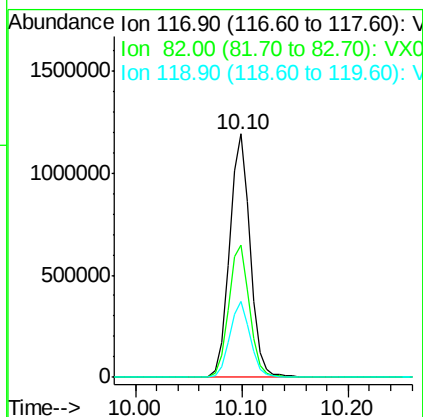
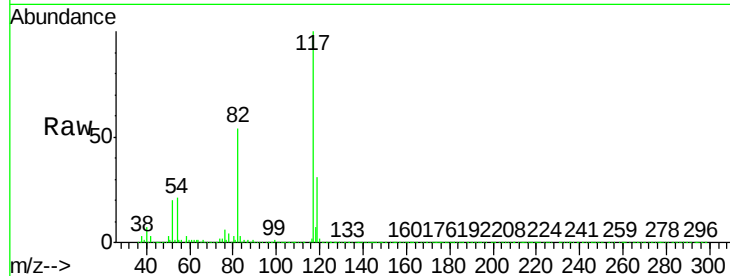




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015690.D
Acq: 15 Apr 2020 17:53

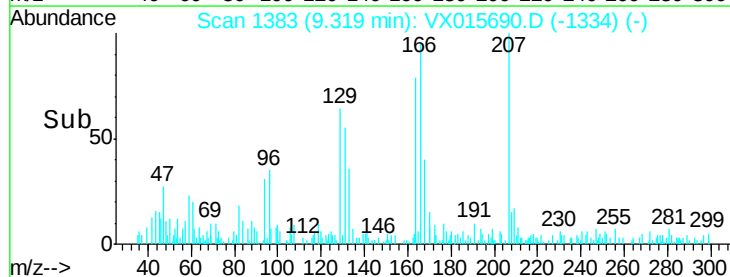
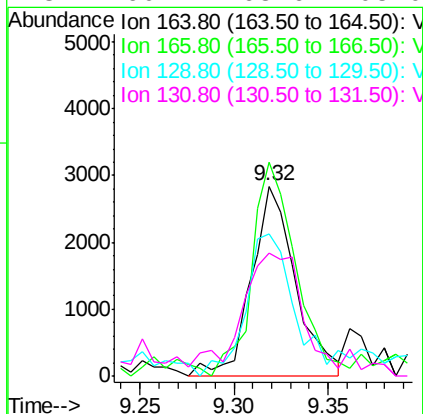
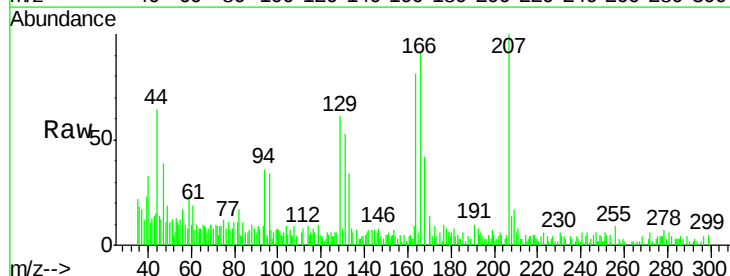
Instrument :
MSVOA_X
ClientSampleId :
ST008MW157-200408

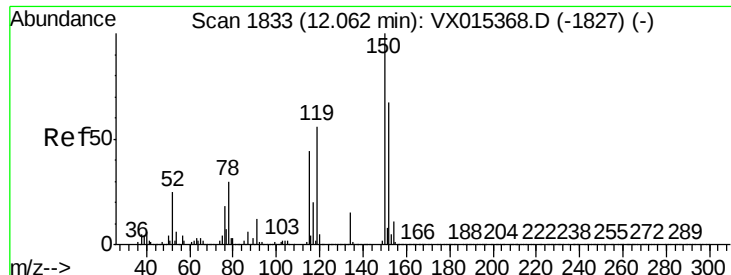
Tot Ion:117 Resp: 1610179
Ion Ratio Lower Upper
117 100
82 54.3 47.8 71.8
119 31.4 26.8 40.2



#64
Tetrachloroethene
Concen: 0.380 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015690.D
Acq: 15 Apr 2020 17:53

Tgt Ion:164 Resp: 4619
Ion Ratio Lower Upper
164 100
166 106.3 97.8 146.6
129 68.5 73.0 109.4#
131 60.7 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: VX015690.D

Acq: 15 Apr 2020 17:53

Instrument :

MSVOA_X

ClientSampleId :

ST008MW157-200408

Tot Ion:152 Resp: 889388

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

150 154.8 0.0 340.8

