

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015694.D
 Acq On : 15 Apr 2020 19:24
 Operator : JC/SP
 Sample : L2233-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW146-200408

Quant Time: Apr 16 07:33:29 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

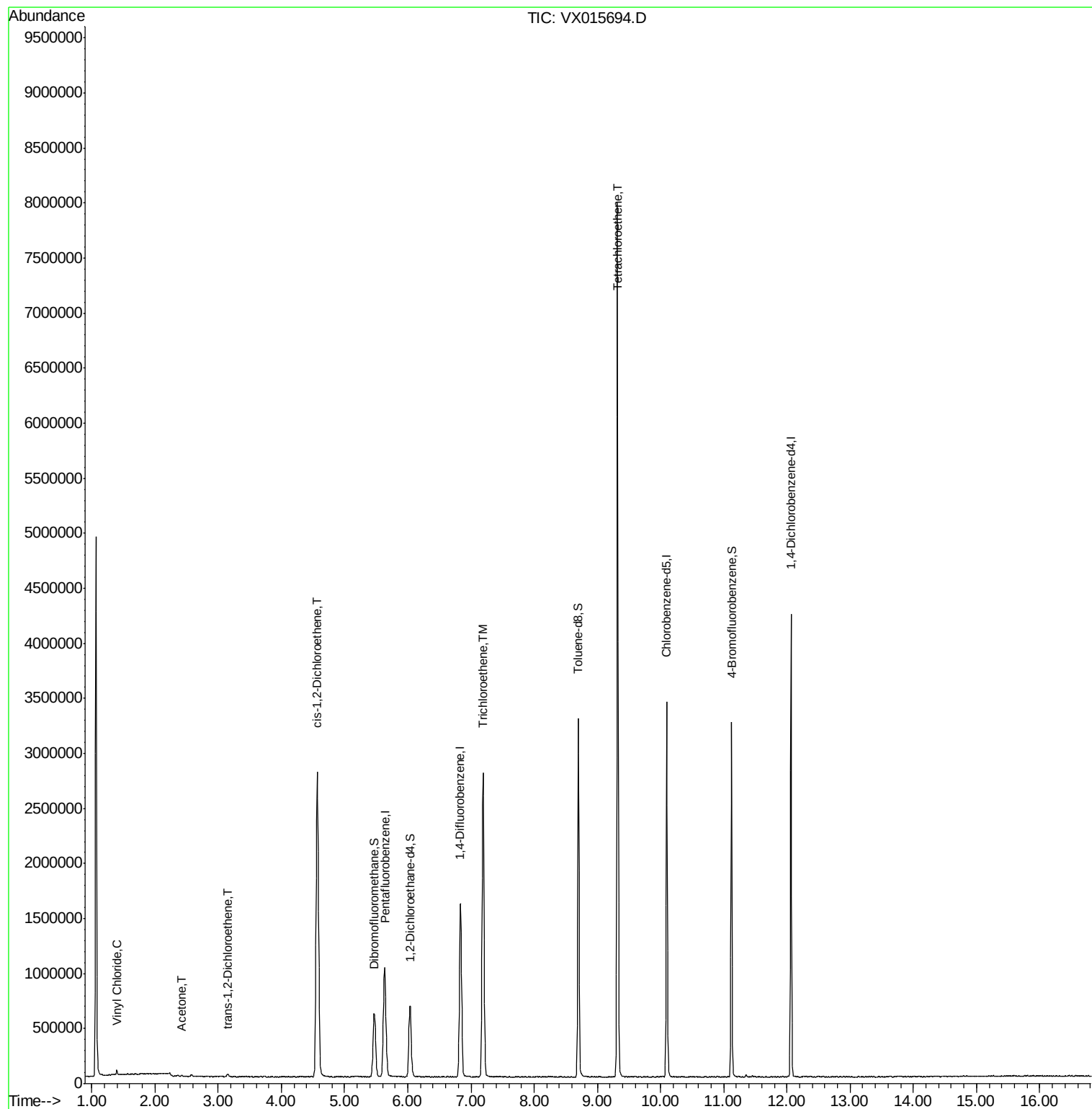
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1021869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1608592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1552542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	850998	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	628393	43.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.20%	
35) Dibromofluoromethane	5.47	113	495256	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	8.70	98	1895901	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.12	95	824951	53.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.24%	
Target Compounds						
4) Vinyl Chloride	1.39	62	25492	2.421	ug/l	99
16) Acetone	2.42	43	13568	2.191	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	9130	0.853	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	1720086	138.858	ug/l	90
44) Trichloroethene	7.19	130	1073239	90.641	ug/l	97
64) Tetrachloroethene	9.32	164	1569097	133.920	ug/l	97

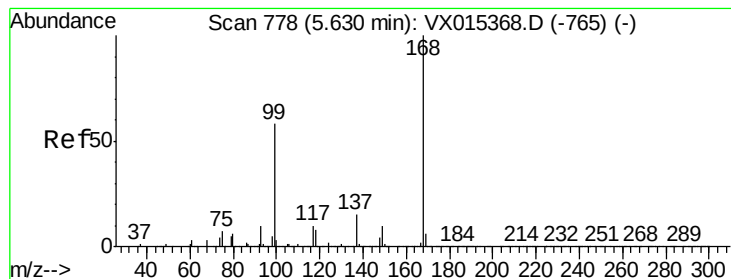
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041520\
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Acq On : 15 Apr 2020 19:24
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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# 779

Delta R.T. 0.01 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

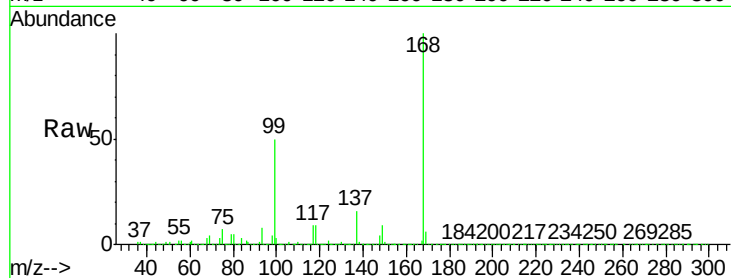
ST008MW146-200408

Tot Ion:168 Resp: 1021869

Ion Ratio Lower Upper

168 100

99 49.9 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

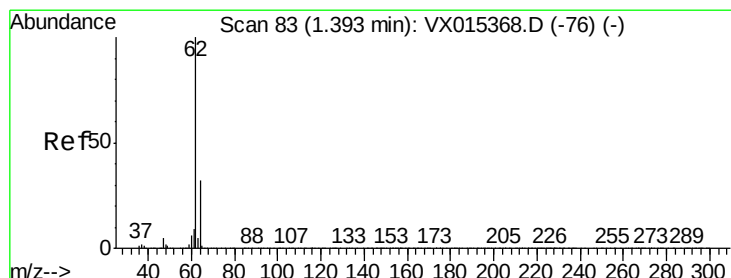
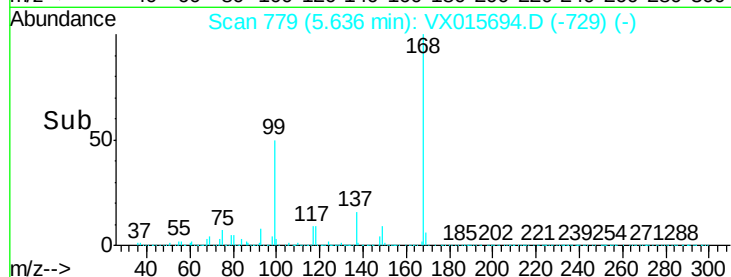
300000

200000

100000

0

Time-->



#4

Vinyl Chloride

Concen: 2.421 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015694.D

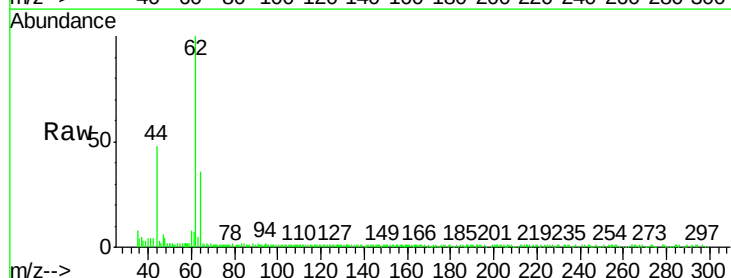
Acq: 15 Apr 2020 19:24

Tgt Ion: 62 Resp: 25492

Ion Ratio Lower Upper

62 100

64 33.3 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

30000

25000

20000

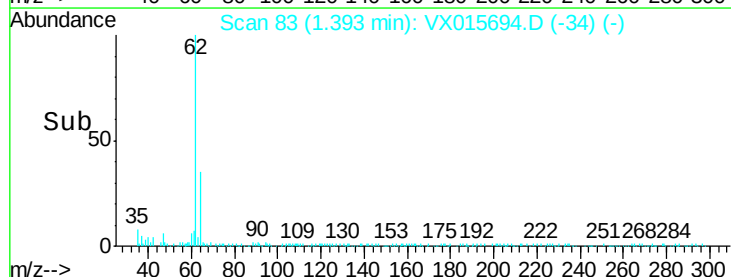
15000

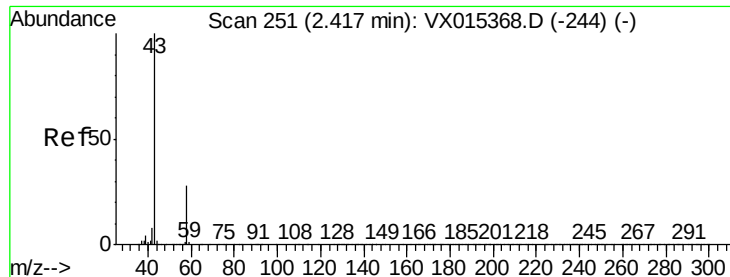
10000

5000

0

Time-->





#16

Acetone

Concen: 2.191 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

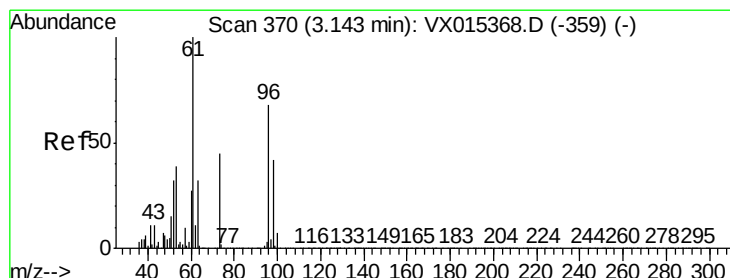
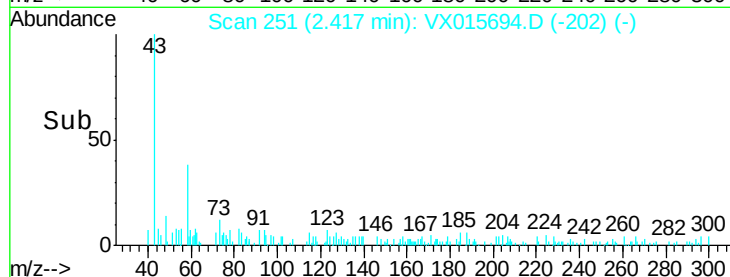
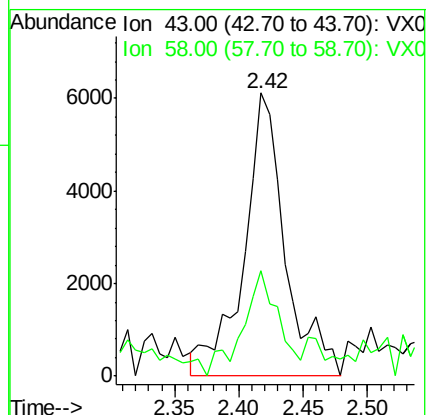
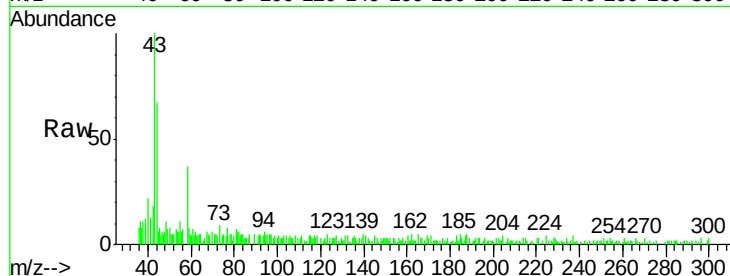
ST008MW146-200408

Tot Ion: 43 Resp: 13568

Ion Ratio Lower Upper

43 100

58 32.3 22.1 33.1



#21

trans-1,2-Dichloroethene

Concen: 0.853 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

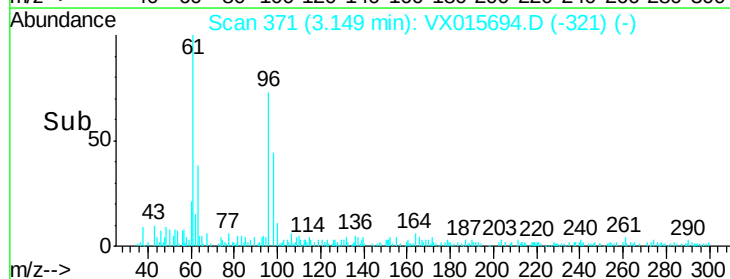
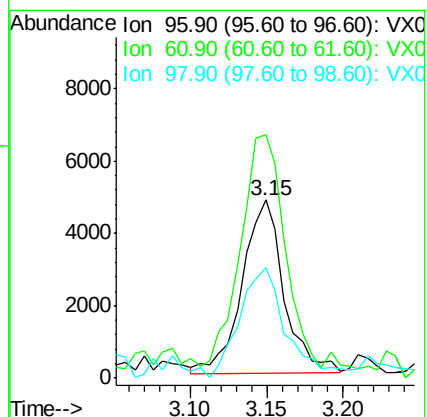
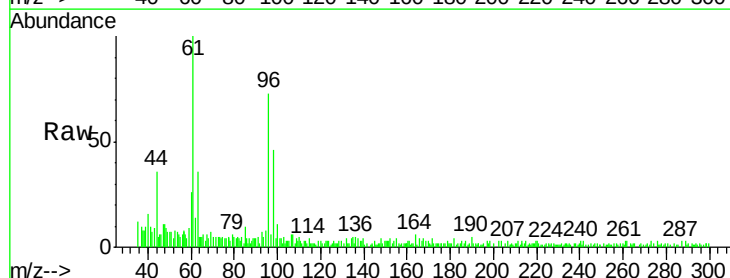
Tgt Ion: 96 Resp: 9130

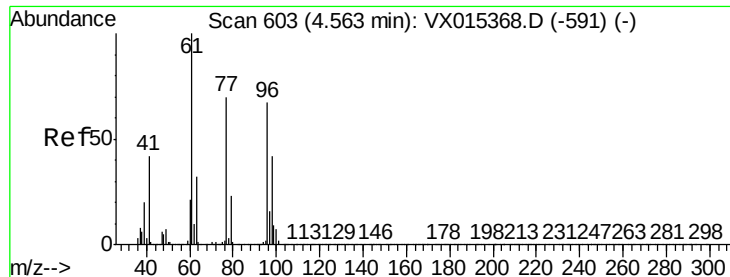
Ion Ratio Lower Upper

96 100

61 134.4 116.9 175.3

98 60.9 48.6 73.0



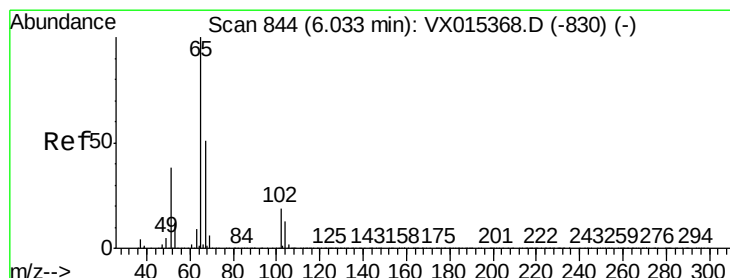
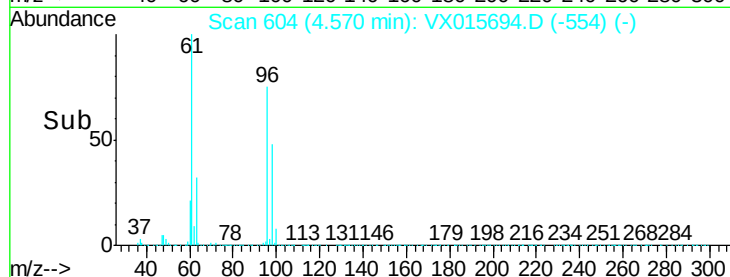
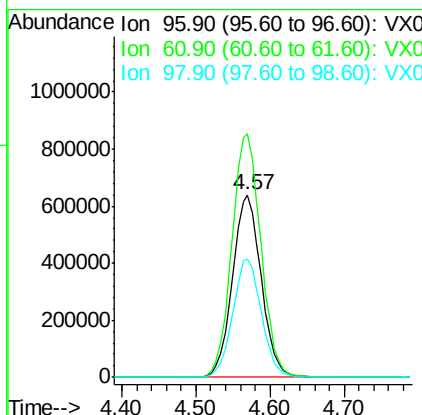
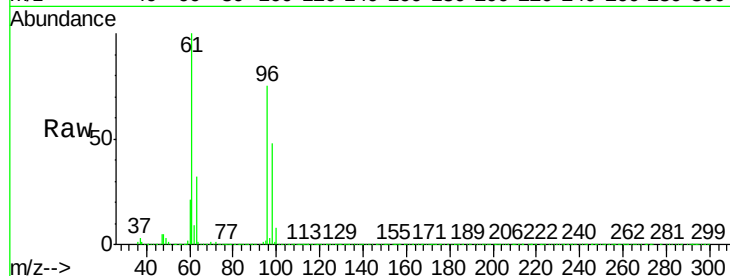


#27

cis-1,2-Dichloroethene
Concen: 138.858 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015694.D
Acq: 15 Apr 2020 19:24

Instrument :
MSVOA_X
ClientSampleId :
ST008MW146-200408

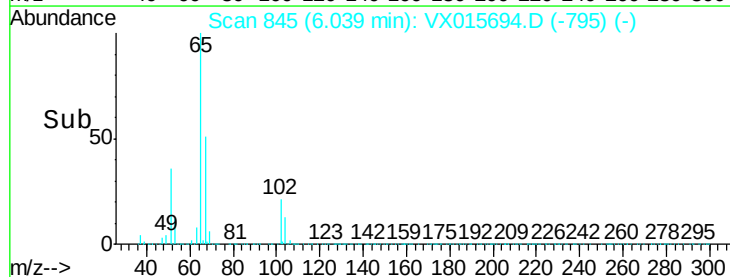
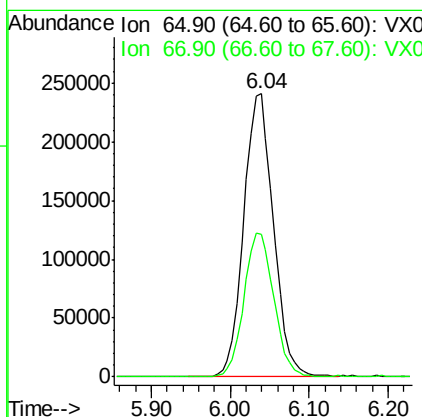
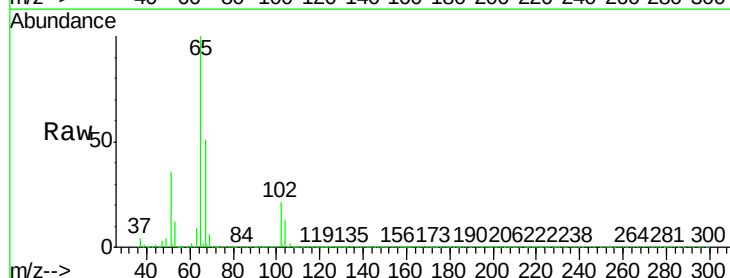
Tot Ion: 96 Resp: 1720086
Ion Ratio Lower Upper
96 100
61 135.6 0.0 308.4
98 65.2 0.0 129.2

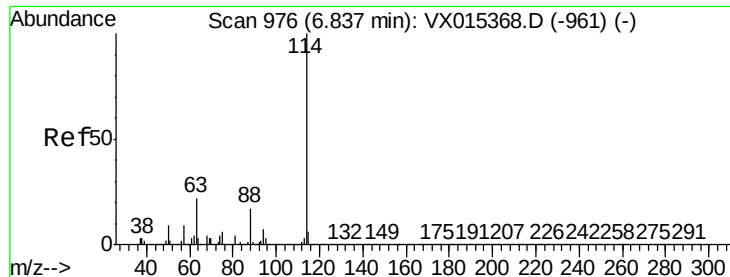


#33

1,2-Dichloroethane-d4
Concen: 43.601 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015694.D
Acq: 15 Apr 2020 19:24

Tgt Ion: 65 Resp: 628393
Ion Ratio Lower Upper
65 100
67 51.2 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: VX015694.D

Acq: 15 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-200408

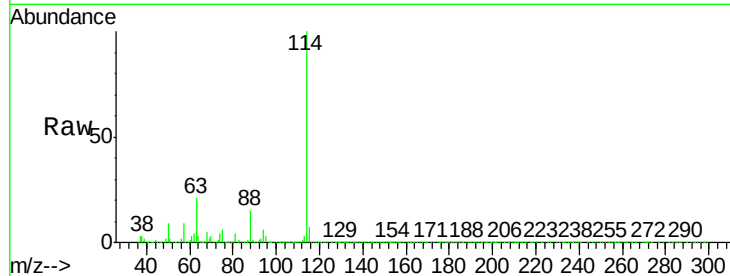
Tot Ion:114 Resp: 1608592

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.2

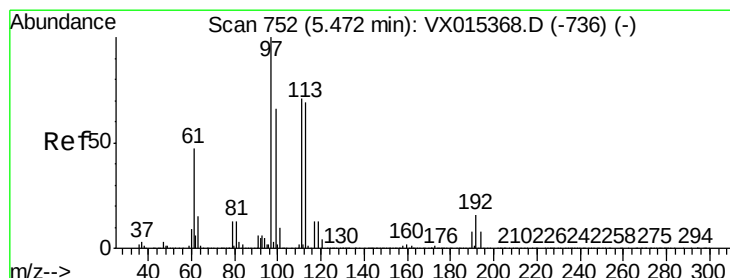
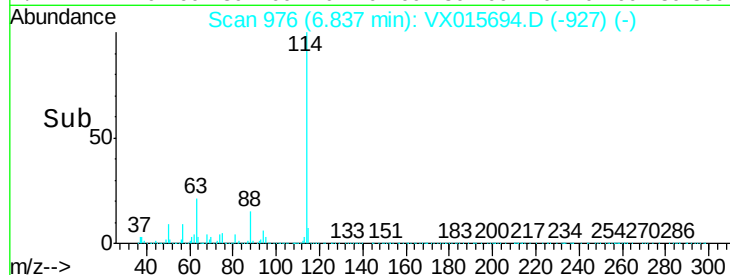
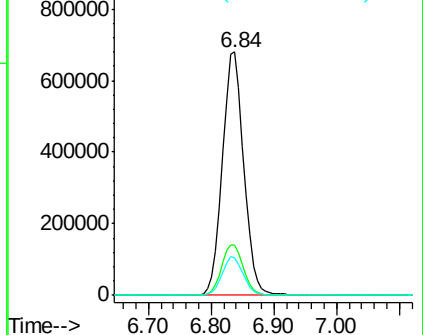
88 15.2 0.0 33.8



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: 48.165 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

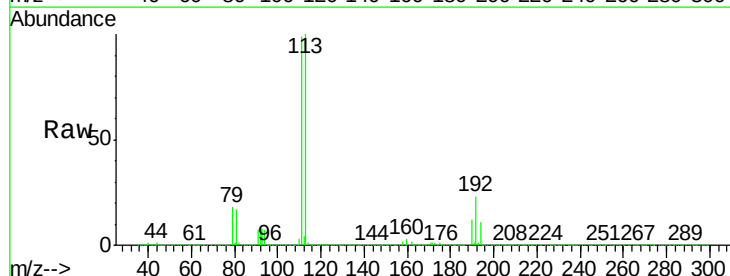
Tgt Ion:113 Resp: 495256

Ion Ratio Lower Upper

113 100

111 100.8 81.5 122.3

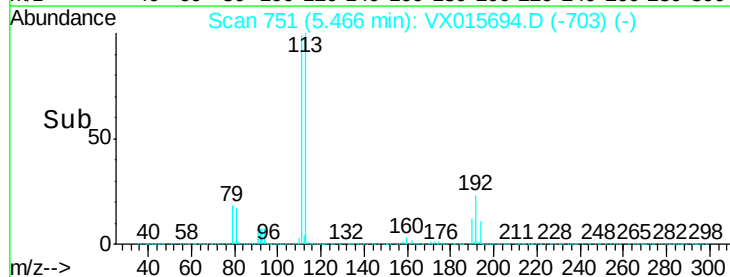
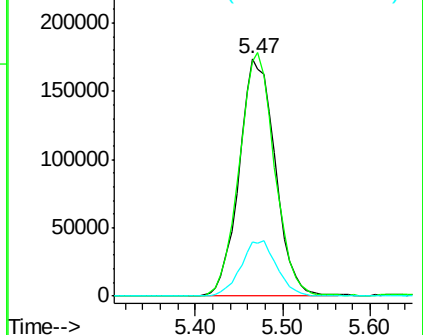
192 23.3 17.8 26.6

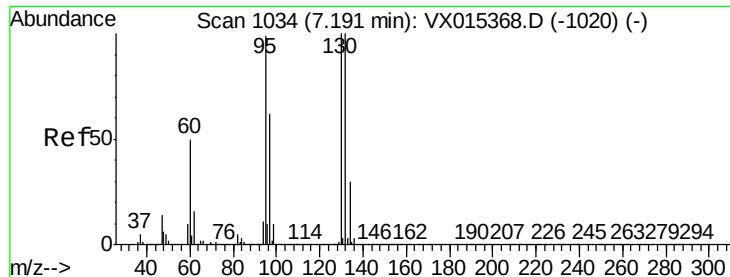


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 90.641 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

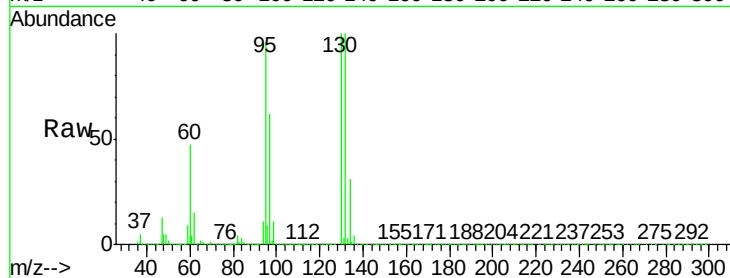
ST008MW146-200408

Tot Ion:130 Resp: 1073239

Ion Ratio Lower Upper

130 100

95 96.0 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

600000

500000

400000

300000

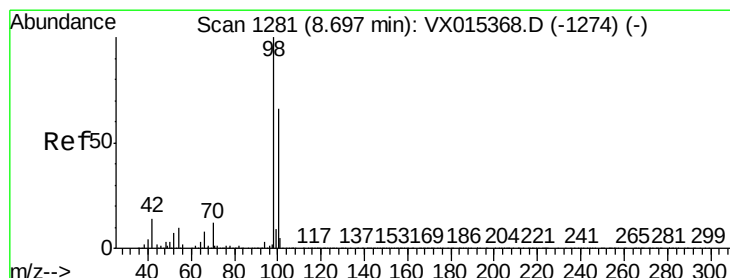
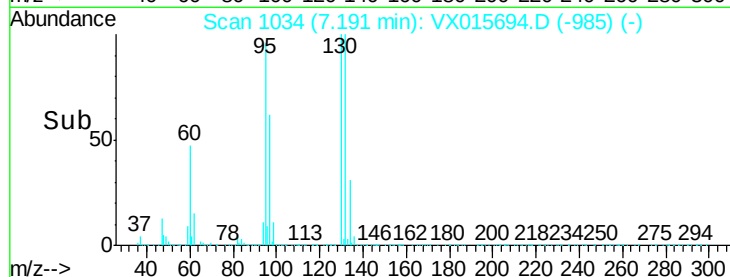
200000

100000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 50.080 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015694.D

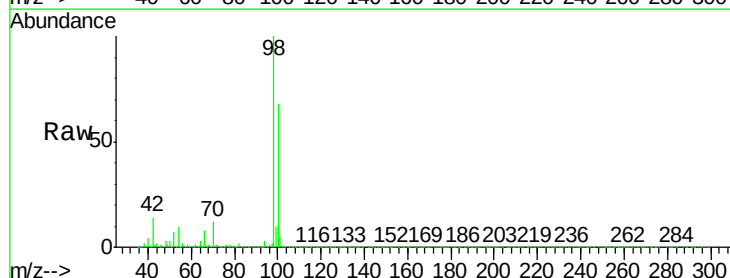
Acq: 15 Apr 2020 19:24

Tgt Ion: 98 Resp: 1895901

Ion Ratio Lower Upper

98 100

100 67.3 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

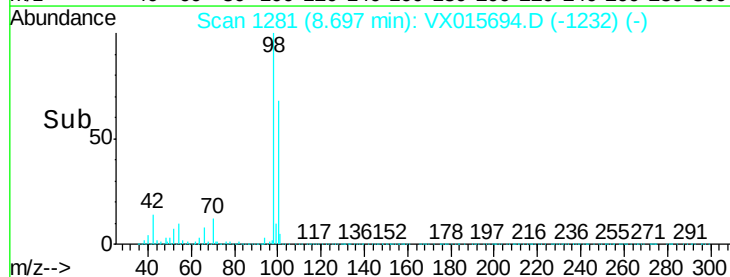
1000000

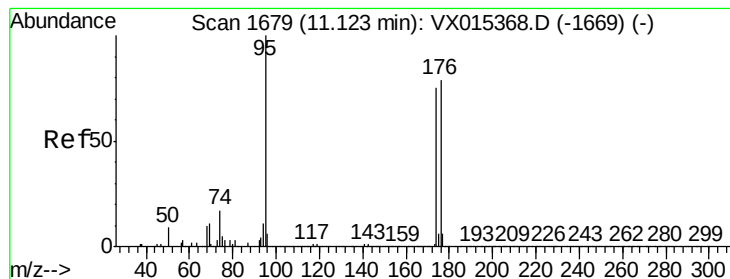
500000

0

Time-->

8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 53.619 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-200408

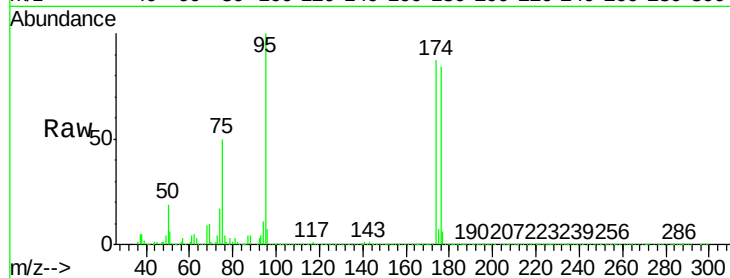
Tot Ion: 95 Resp: 824951

Ion Ratio Lower Upper

95 100

174 83.6 0.0 158.6

176 82.4 0.0 159.0

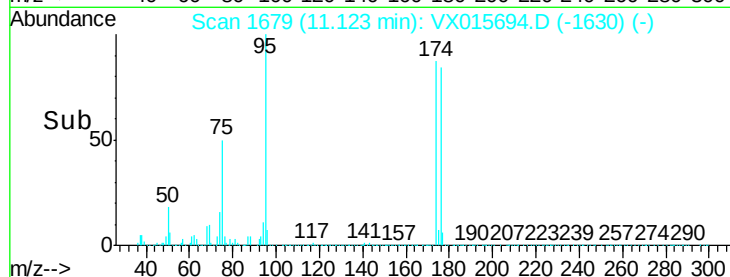


Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)

Time-->

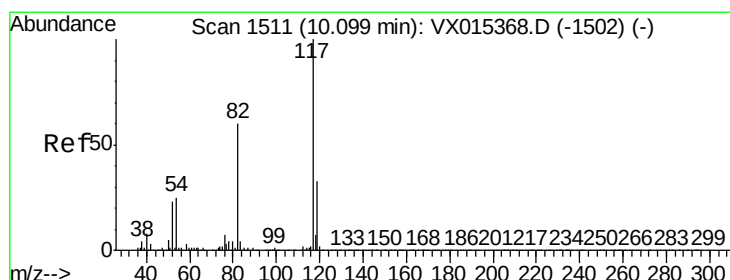


Abundance Ion 94.90 (94.60 to 95.60): VX015694.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015694.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015694.D (-1630) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

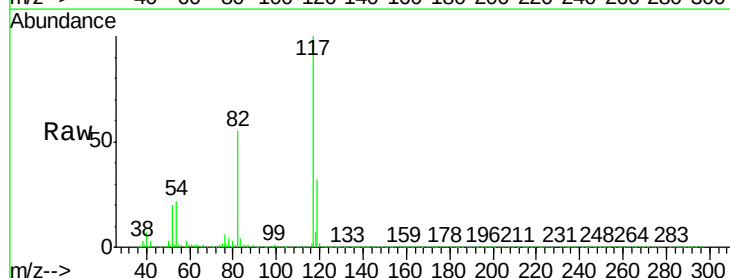
Tgt Ion: 117 Resp: 1552542

Ion Ratio Lower Upper

117 100

82 54.8 47.8 71.8

119 32.2 26.8 40.2

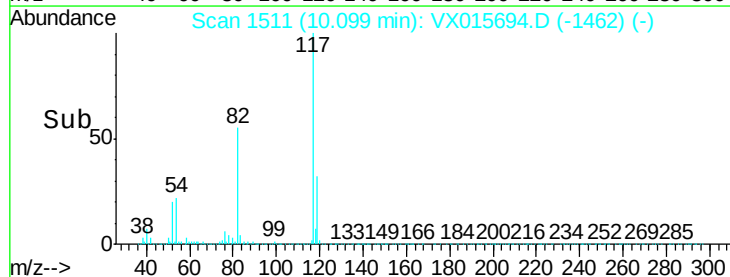


Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)

Time-->

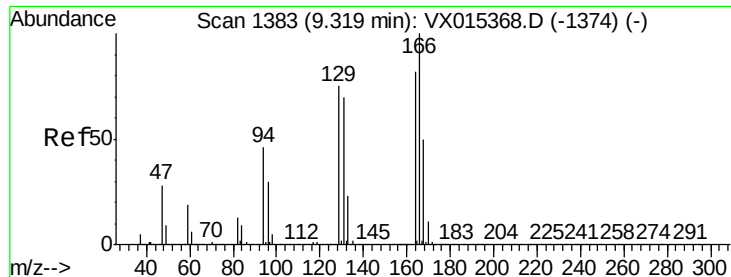


Abundance Ion 116.90 (116.60 to 117.60): VX015694.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015694.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015694.D (-1462) (-)

Time-->



#64

Tetrachloroethene

Concen: 133.920 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

Instrument :

MSVOA_X

ClientSampleId :

ST008MW146-200408

Tot Ion:164 Resp: 1569097

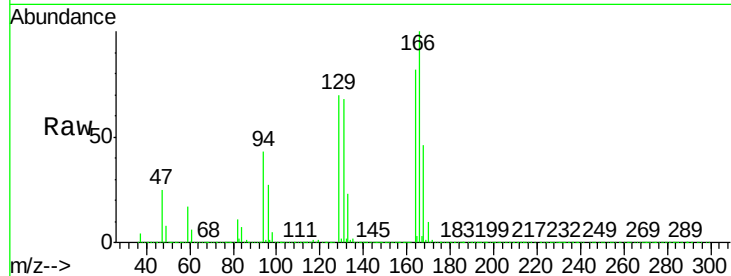
Ion Ratio Lower Upper

164 100

166 121.7 97.8 146.6

129 85.0 73.0 109.4

131 82.2 68.6 103.0

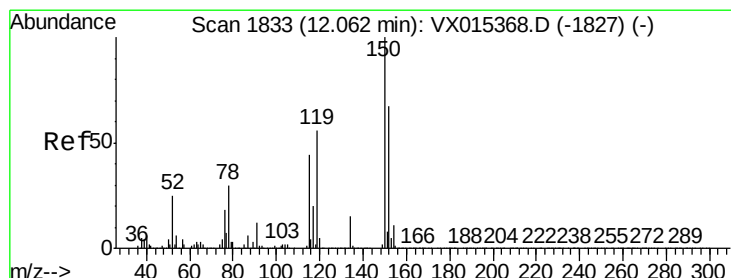
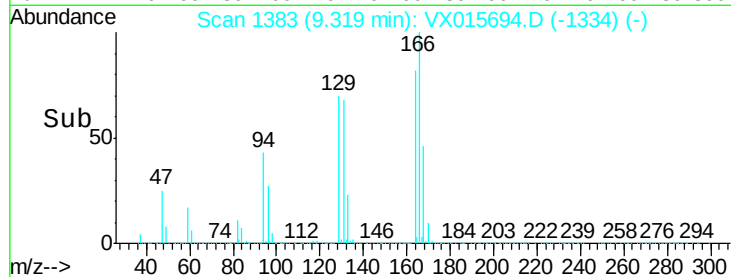
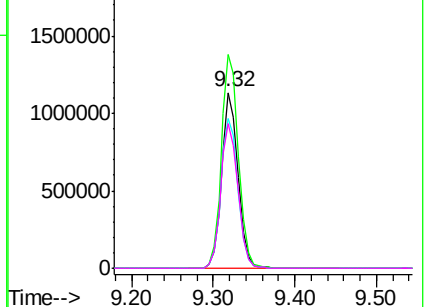


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015694.D

Acq: 15 Apr 2020 19:24

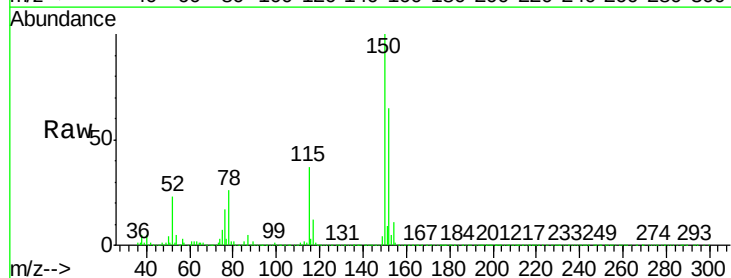
Tgt Ion:152 Resp: 850998

Ion Ratio Lower Upper

152 100

115 57.0 39.0 116.9

150 154.6 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

