

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015579.D
 Acq On : 08 Apr 2020 19:03
 Operator : JC/SP
 Sample : L2190-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY062MW145-200406

Quant Time: Apr 09 08:12:10 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

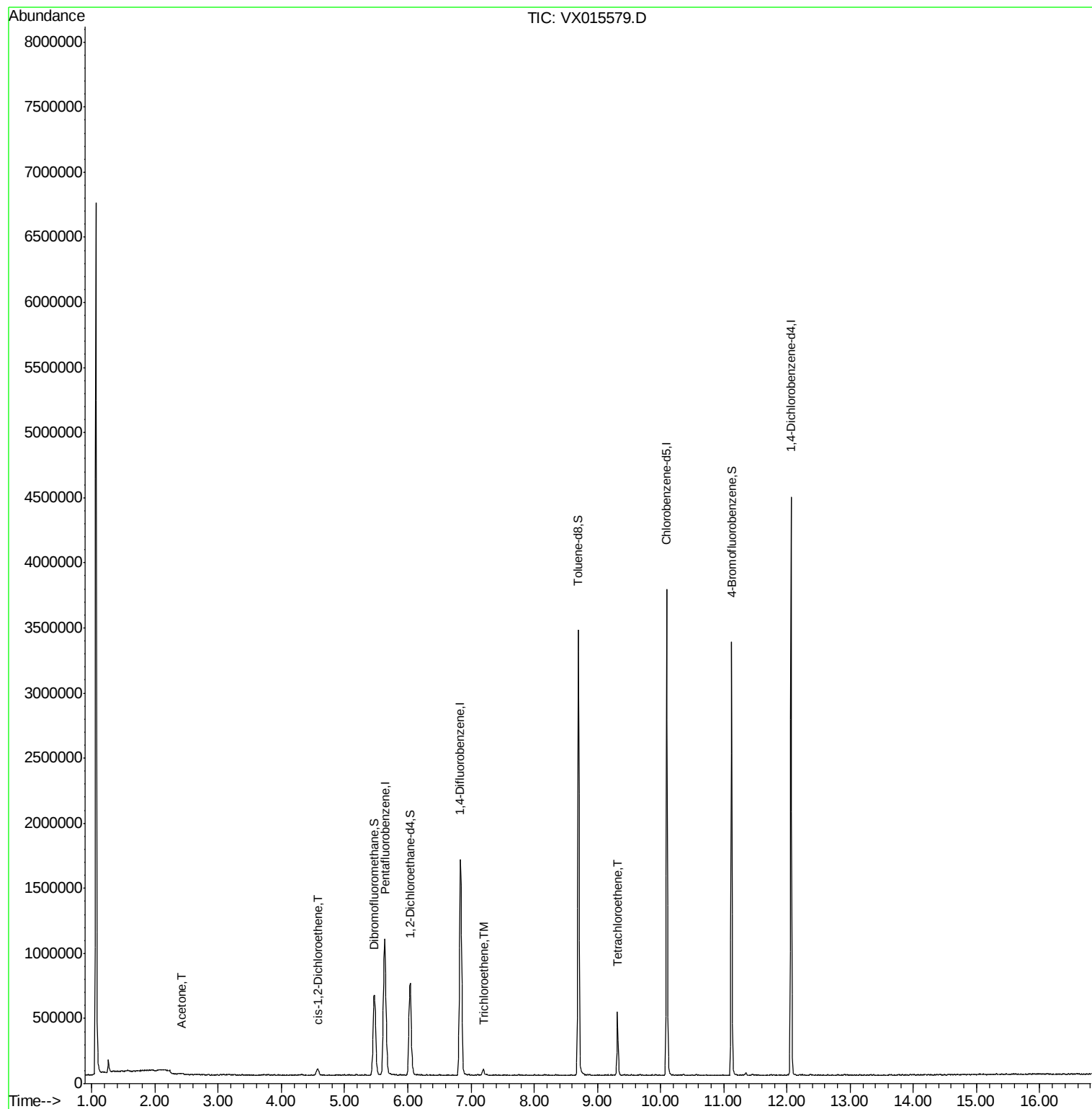
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1056500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1677478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1619436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	896608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	694595	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
35) Dibromofluoromethane	5.47	113	526314	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	8.70	98	2012220	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.12	95	870906	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
Target Compounds						
16) Acetone	2.42	43	12790	1.998	ug/l	91
27) cis-1,2-Dichloroethene	4.57	96	30966	2.418	ug/l	85
44) Trichloroethene	7.20	130	19522	1.581	ug/l	88
64) Tetrachloroethene	9.32	164	95718	7.832	ug/l	94

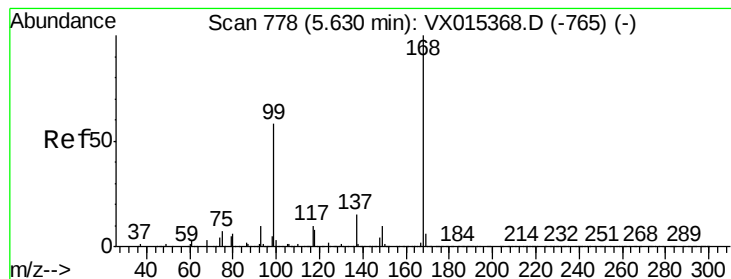
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX015579.D

Acq: 08 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

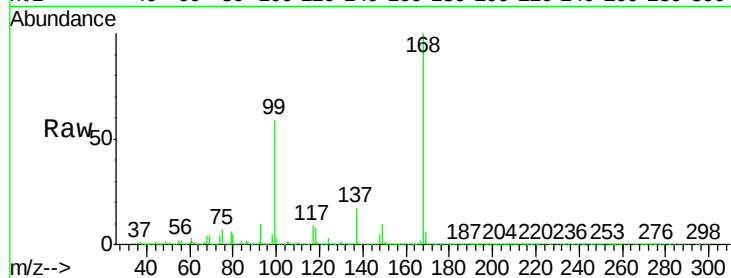
KY062MW145-200406

Tot Ion:168 Resp: 1056500

Ion Ratio Lower Upper

168 100

99 58.6 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

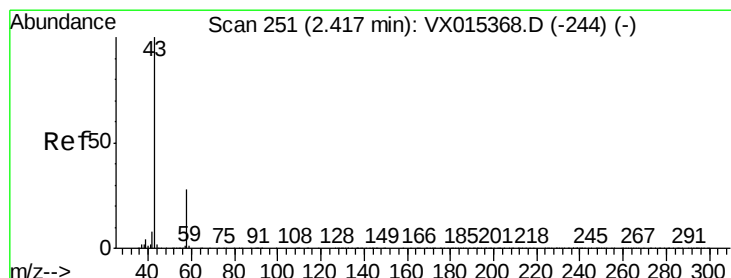
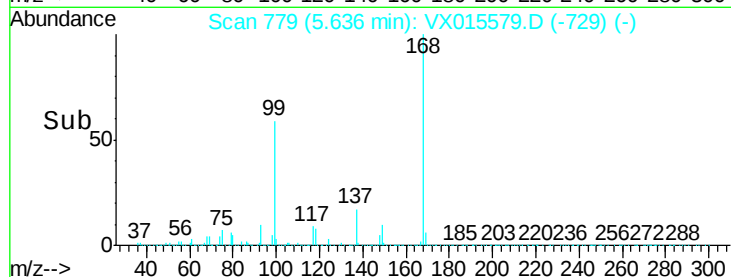
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.998 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015579.D

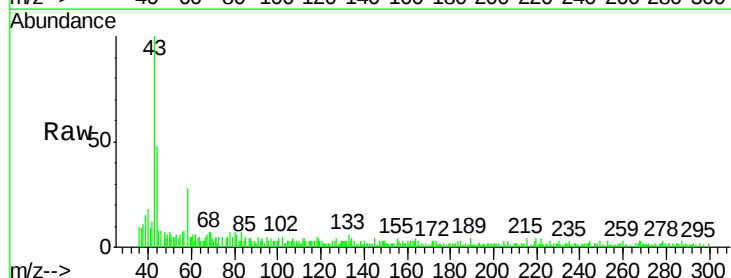
Acq: 08 Apr 2020 19:03

Tgt Ion: 43 Resp: 12790

Ion Ratio Lower Upper

43 100

58 22.7 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

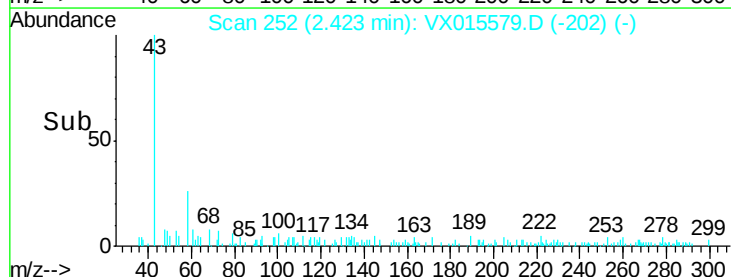
6000

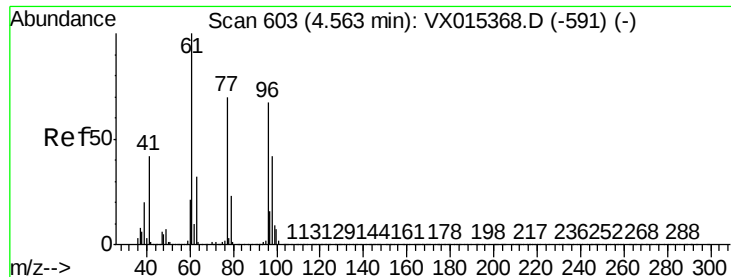
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 2.418 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015579.D

Acq: 08 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

KY062MW145-200406

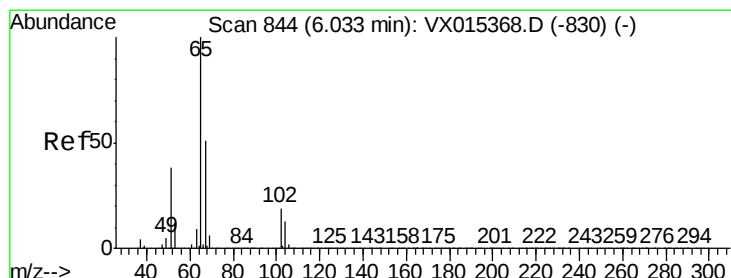
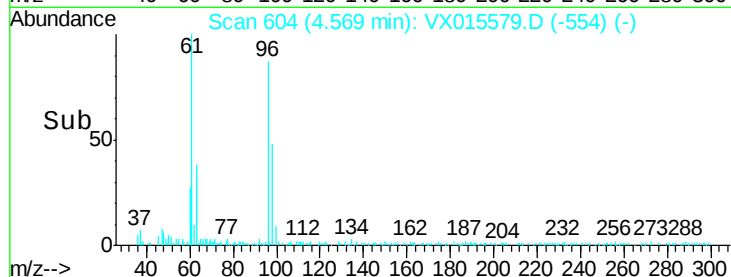
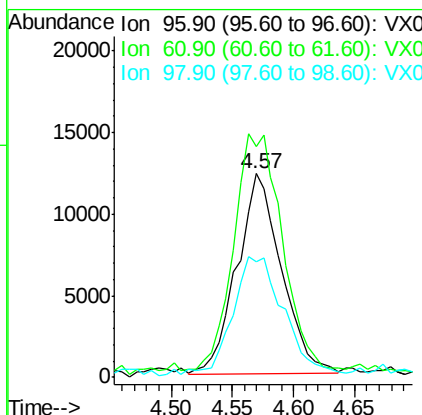
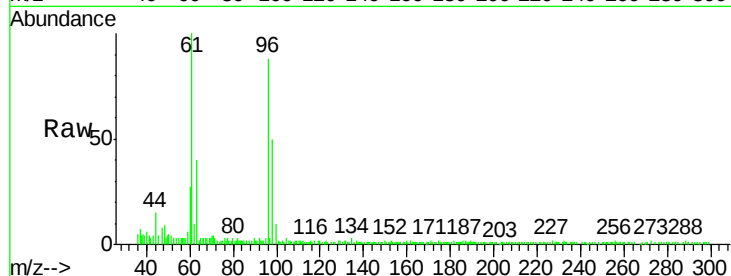
Tot Ion: 96 Resp: 30966

Ion Ratio Lower Upper

96 100

61 128.6 0.0 308.4

98 67.3 0.0 129.2



#33

1,2-Dichloroethane-d4

Concen: 46.615 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015579.D

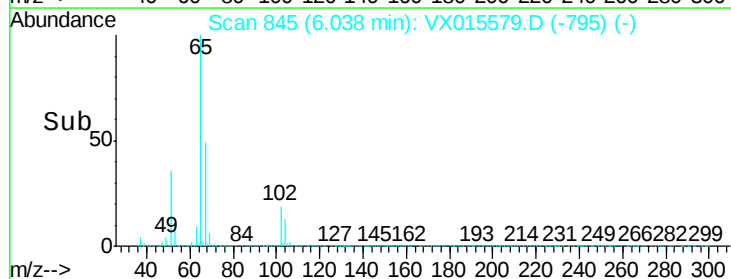
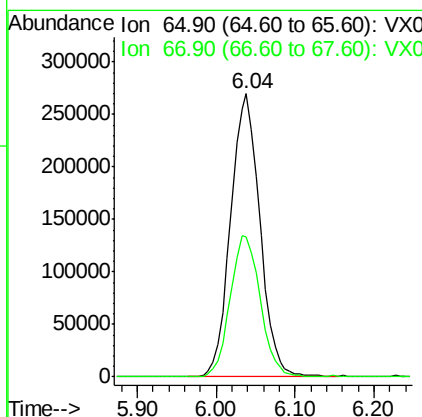
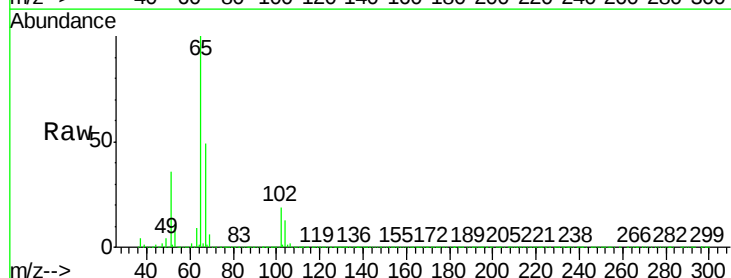
Acq: 08 Apr 2020 19:03

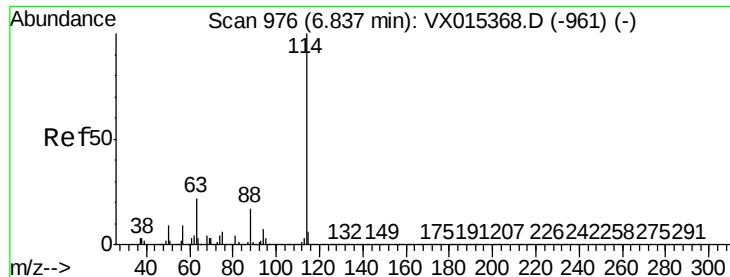
Tgt Ion: 65 Resp: 694595

Ion Ratio Lower Upper

65 100

67 51.0 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: VX015579.D

Acq: 08 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

KY062MW145-200406

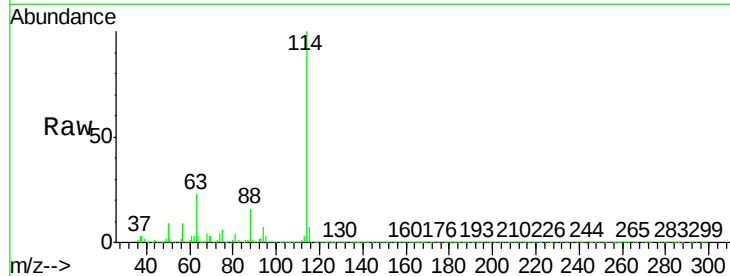
Tot Ion:114 Resp: 1677478

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

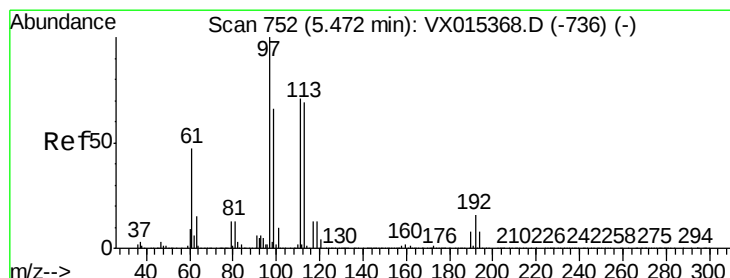
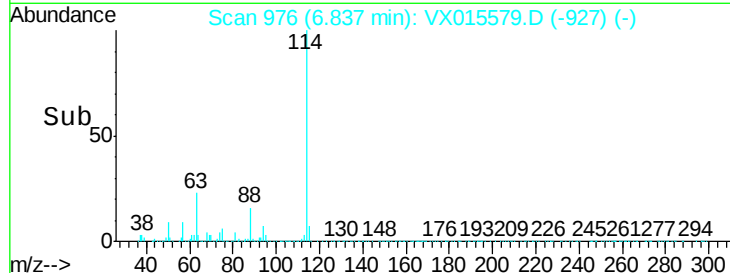
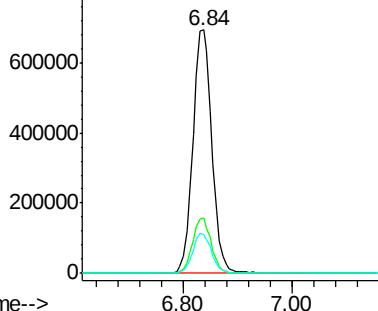
88 16.0 0.0 33.8



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: 49.083 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015579.D

Acq: 08 Apr 2020 19:03

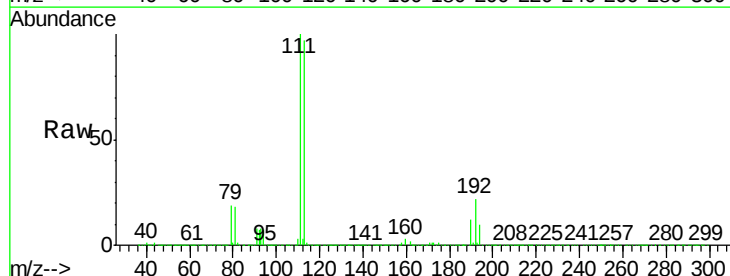
Tgt Ion:113 Resp: 526314

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

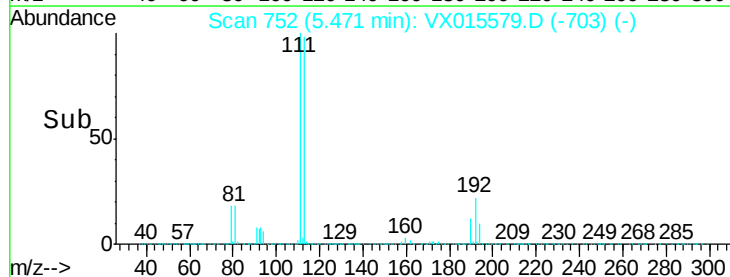
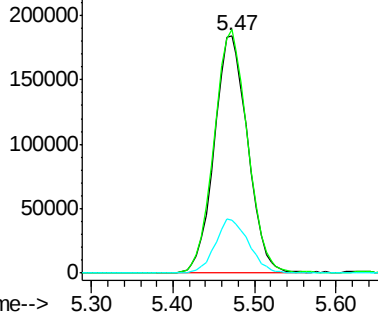
192 22.6 17.8 26.6

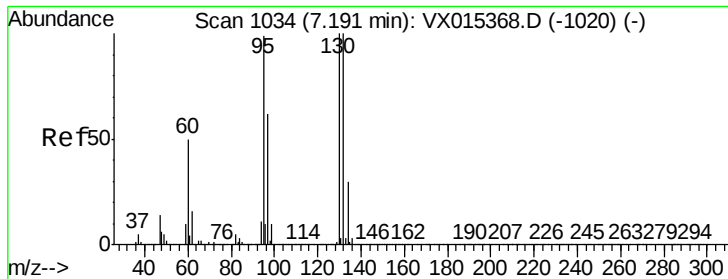


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.581 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015579.D

Acq: 08 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

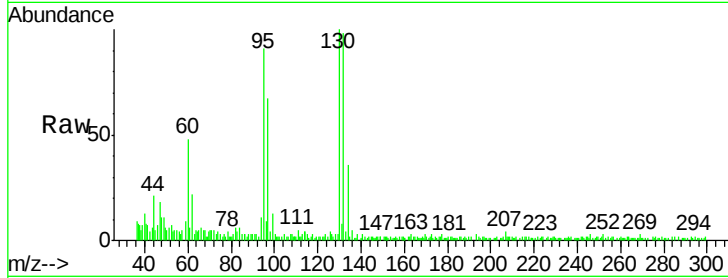
KY062MW145-200406

Tot Ion:130 Resp: 19522

Ion Ratio Lower Upper

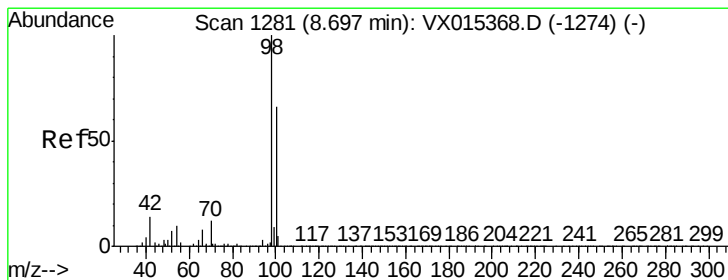
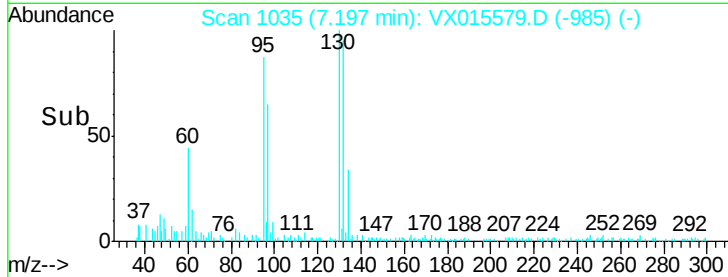
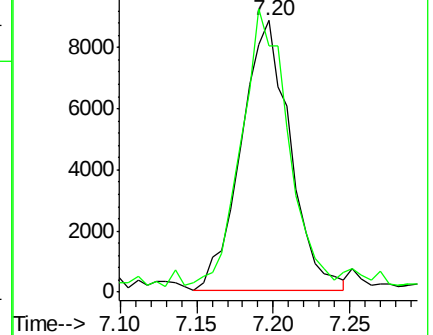
130 100

95 88.0 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: 50.970 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015579.D

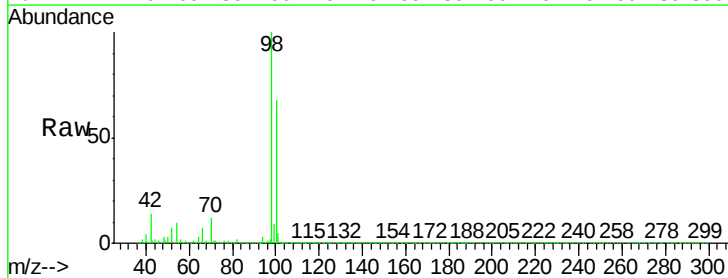
Acq: 08 Apr 2020 19:03

Tgt Ion: 98 Resp: 2012220

Ion Ratio Lower Upper

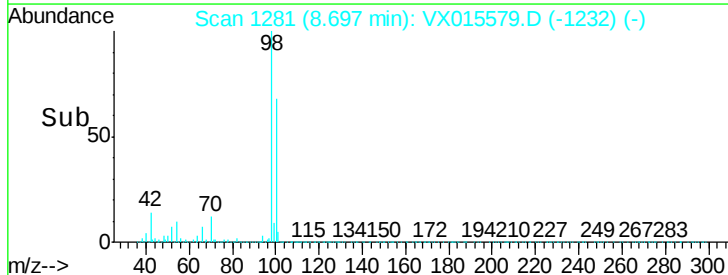
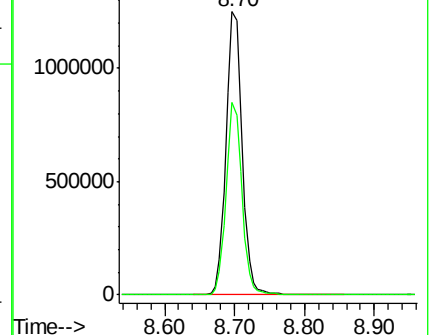
98 100

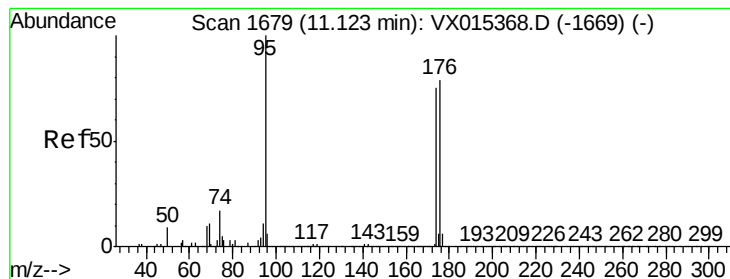
100 66.6 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.281 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015579.D

Acq: 08 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

KY062MW145-200406

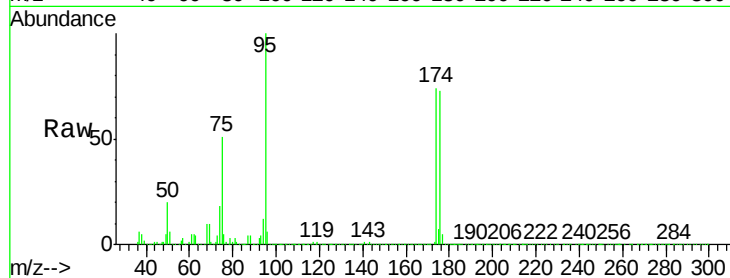
Tot Ion: 95 Resp: 870906

Ion Ratio Lower Upper

95 100

174 81.3 0.0 158.6

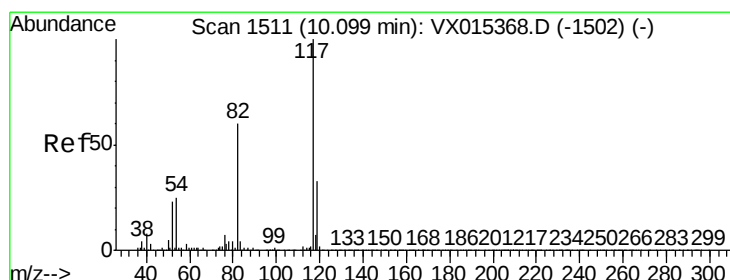
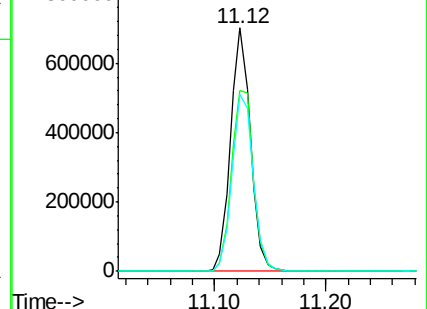
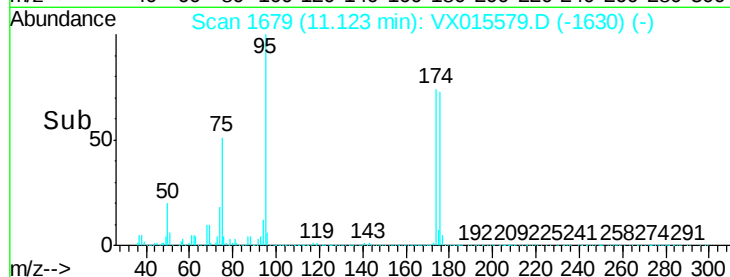
176 77.3 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015579.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015579.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015579.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015579.D

Acq: 08 Apr 2020 19:03

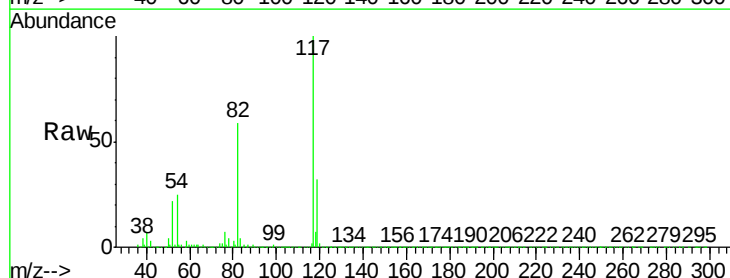
Tgt Ion: 117 Resp: 1619436

Ion Ratio Lower Upper

117 100

82 58.9 47.8 71.8

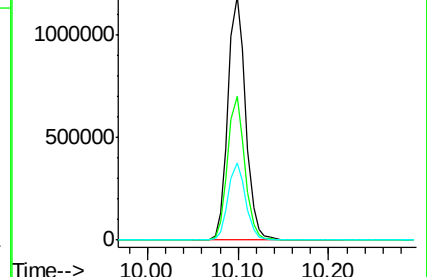
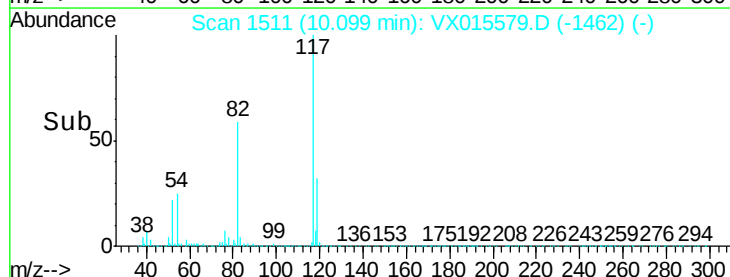
119 31.9 26.8 40.2

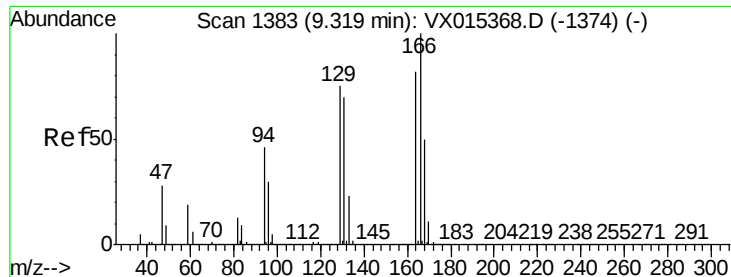


Abundance Ion 116.90 (116.60 to 117.60): VX015579.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015579.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015579.D (-1462) (-)





#64

Tetrachloroethene

Concen: 7.832 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015579.D

Acq: 08 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

KY062MW145-200406

Tot Ion:164 Resp: 95718

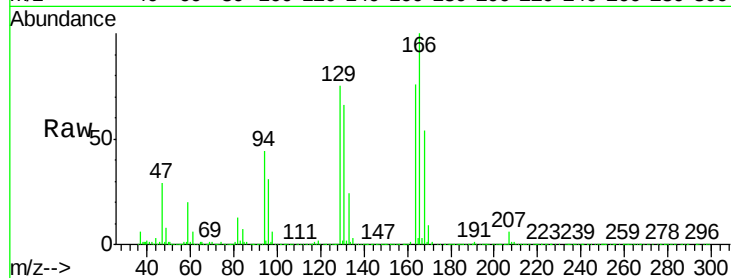
Ion Ratio Lower Upper

164 100

166 131.6 97.8 146.6

129 98.4 73.0 109.4

131 86.8 68.6 103.0

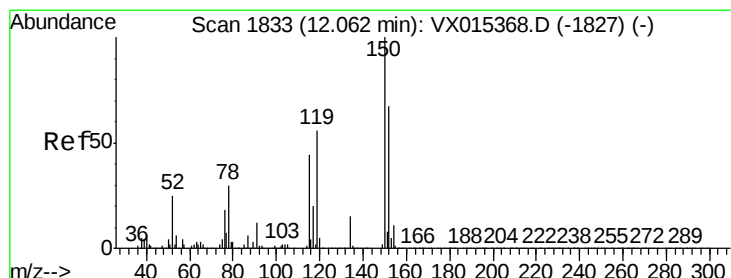
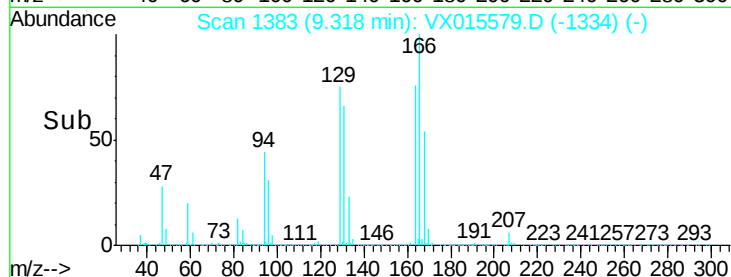
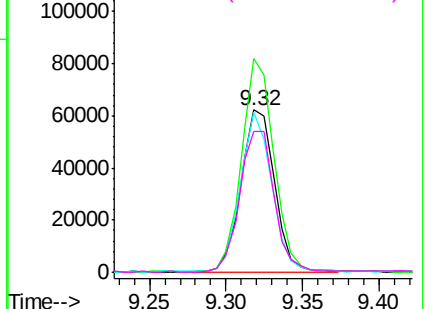


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX015579.D

Acq: 08 Apr 2020 19:03

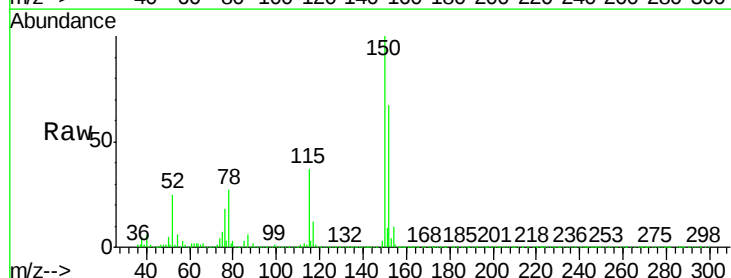
Tgt Ion:152 Resp: 896608

Ion Ratio Lower Upper

152 100

115 56.2 39.0 116.9

150 158.7 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

