

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015697.D
 Acq On : 15 Apr 2020 20:32
 Operator : JC/SP
 Sample : L2233-04DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY036MW026-200408DL

Quant Time: Apr 16 07:47:14 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

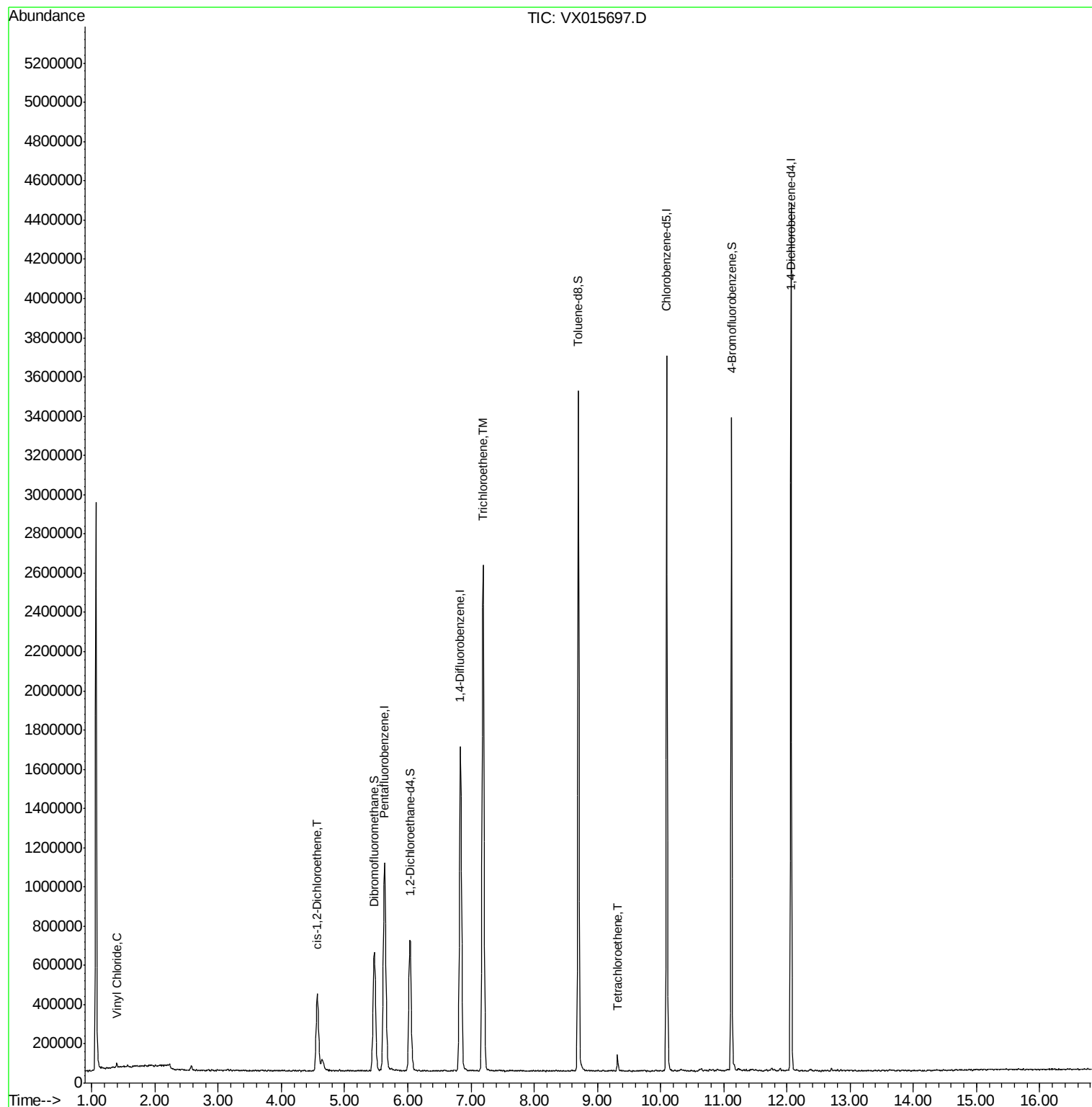
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1087392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1695652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1607292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	886095	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	658452	42.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.86%	
35) Dibromofluoromethane	5.47	113	515772	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
50) Toluene-d8	8.70	98	2009707	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.12	95	843087	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
Target Compounds						
4) Vinyl Chloride	1.39	62	12852	1.147	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	247961	18.811	ug/l	91
44) Trichloroethene	7.19	130	1034611	82.892	ug/l	97
64) Tetrachloroethene	9.32	164	18547	1.529	ug/l #	82

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015697.D

Acq: 15 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

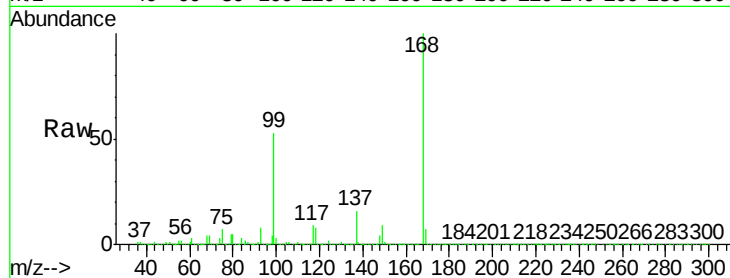
KY036MW026-200408DL

Tot Ion:168 Resp: 1087392

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

5.63

400000

300000

200000

100000

0

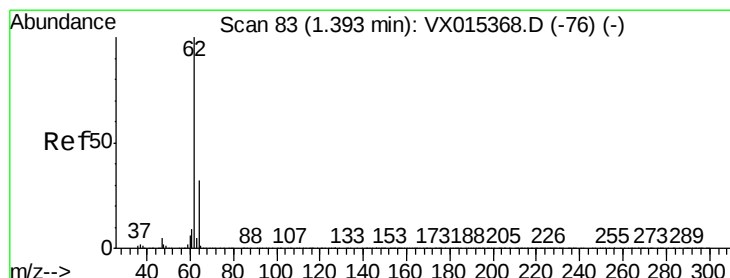
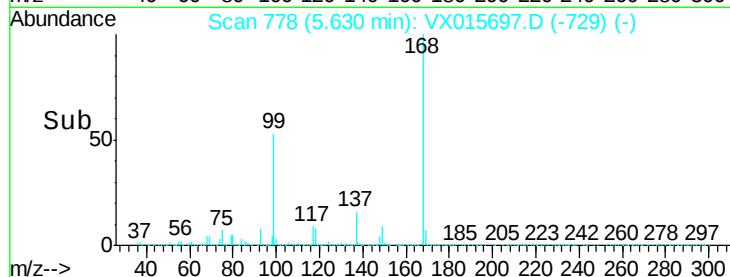
5.50

5.60

5.70

5.80

Time-->



#4

Vinyl Chloride

Concen: 1.147 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015697.D

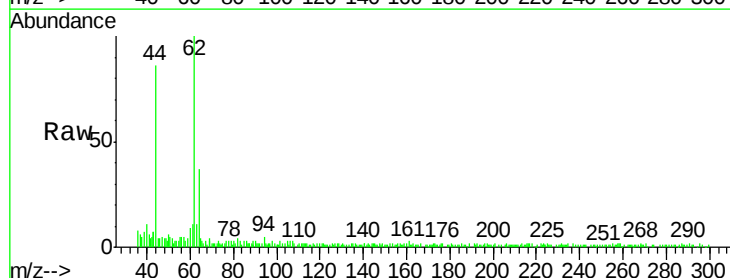
Acq: 15 Apr 2020 20:32

Tgt Ion: 62 Resp: 12852

Ion Ratio Lower Upper

62 100

64 32.1 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

15000

10000

5000

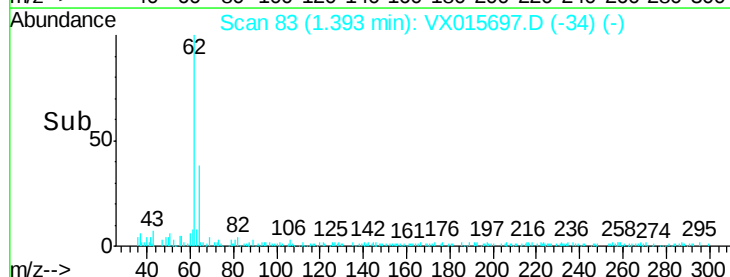
0

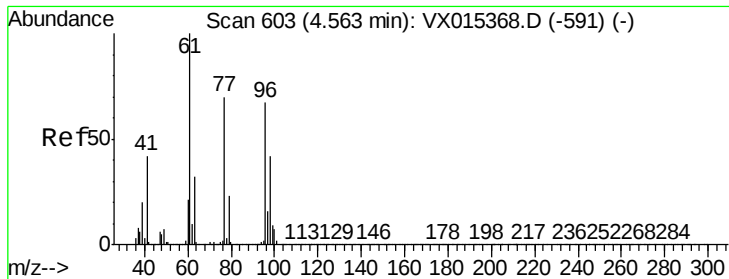
1.35

1.40

1.45

Time-->



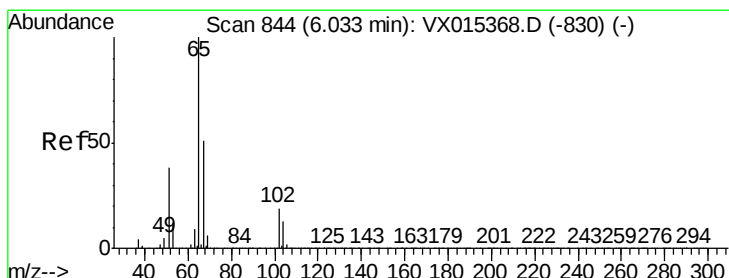
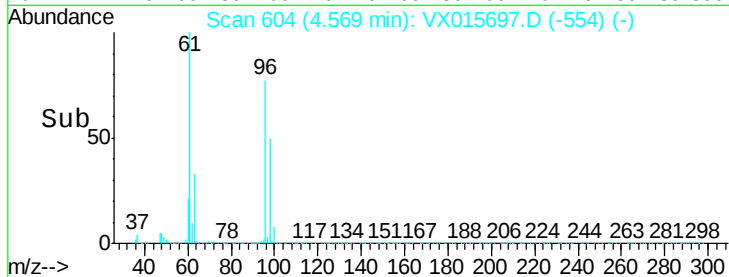
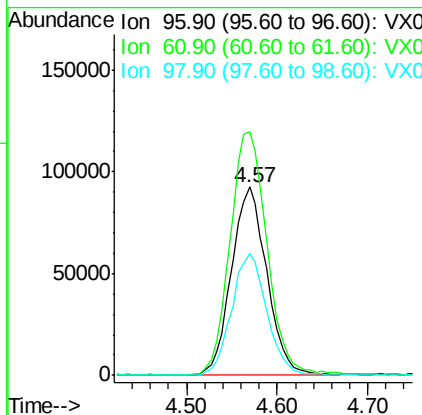
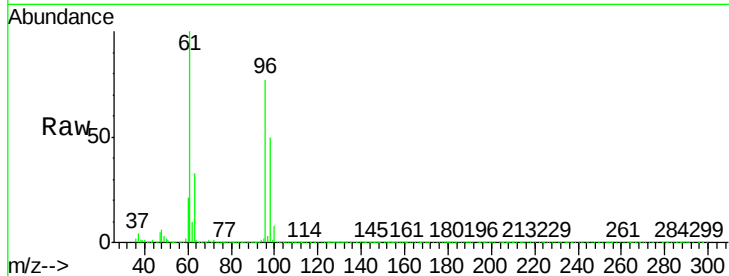


#27

cis-1,2-Dichloroethene
Concen: 18.811 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015697.D
Acq: 15 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
KY036MW026-200408DL

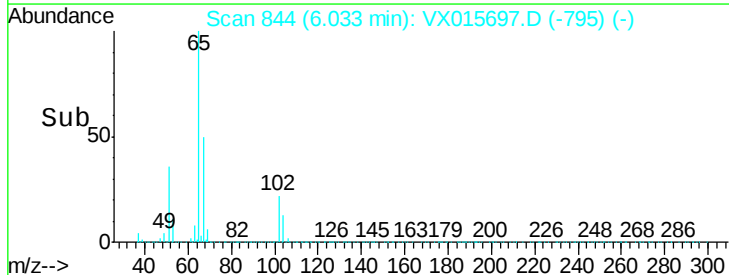
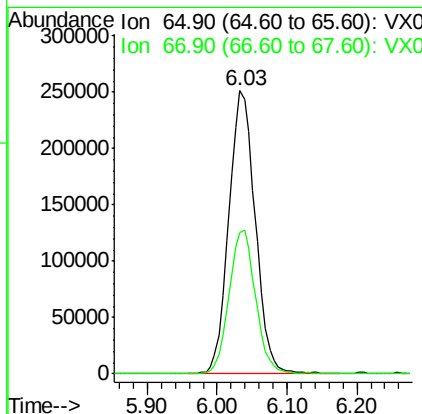
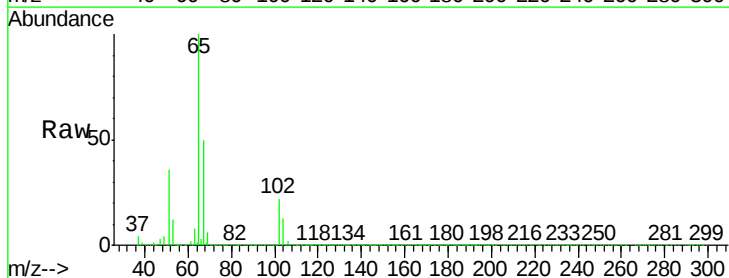
Tot Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	308.4
98	65.0	0.0	129.2

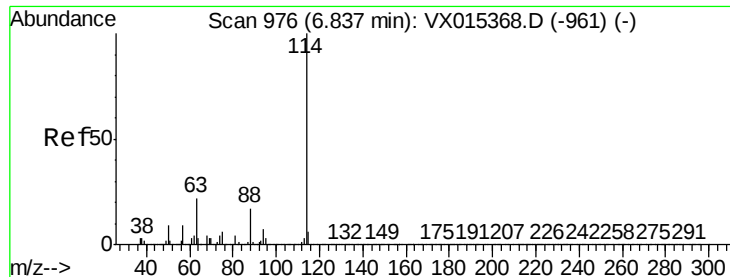


#33

1,2-Dichloroethane-d4
Concen: 42.934 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015697.D
Acq: 15 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.6	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: VX015697.D

Acq: 15 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-200408DL

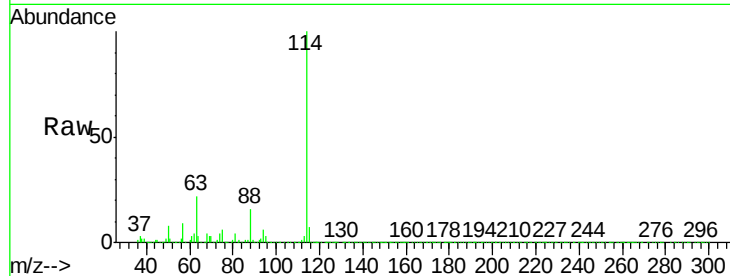
Tot Ion:114 Resp: 1695652

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

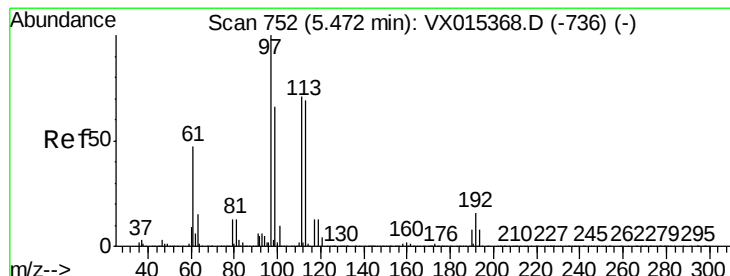
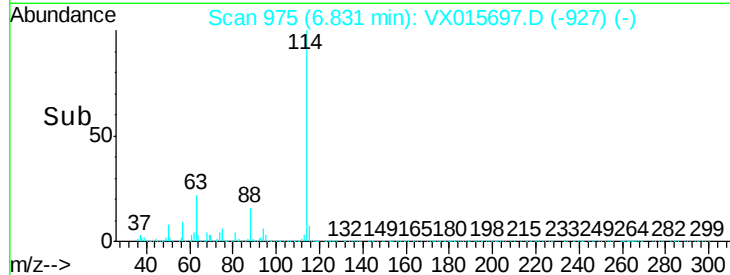
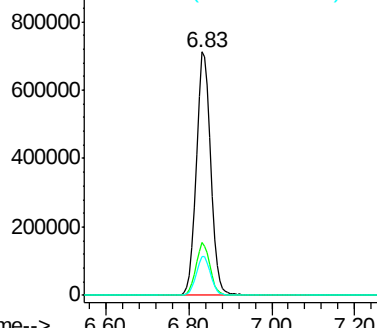
88 16.0 0.0 33.8



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: 47.585 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX015697.D

Acq: 15 Apr 2020 20:32

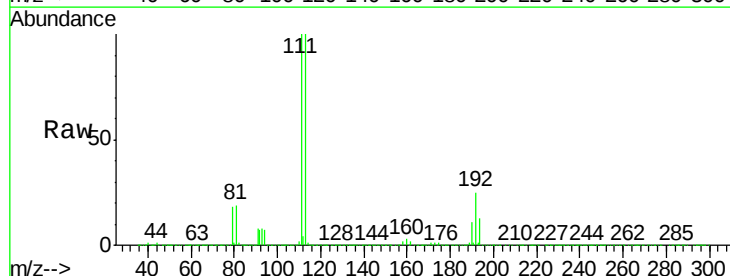
Tgt Ion:113 Resp: 515772

Ion Ratio Lower Upper

113 100

111 100.6 81.5 122.3

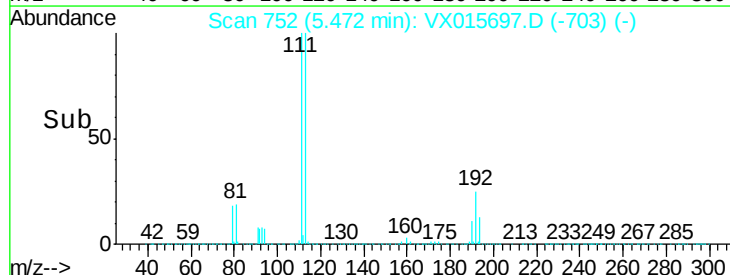
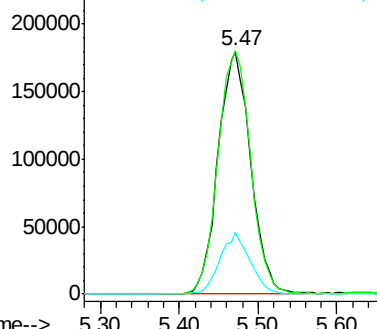
192 23.2 17.8 26.6

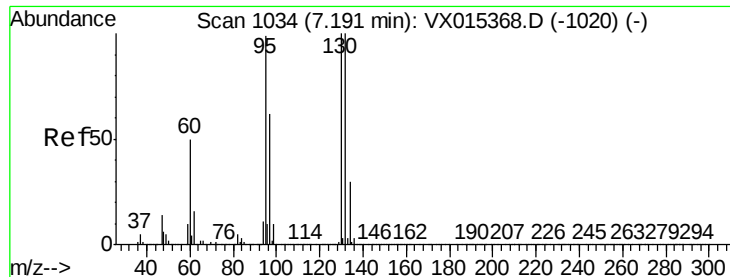


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 82.892 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015697.D

Acq: 15 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

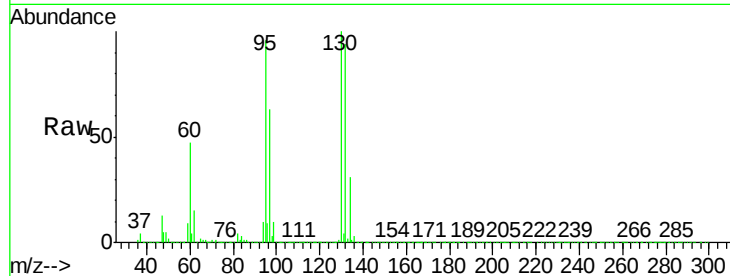
KY036MW026-200408DL

Tot Ion:130 Resp: 1034611

Ion Ratio Lower Upper

130 100

95 96.1 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

500000

400000

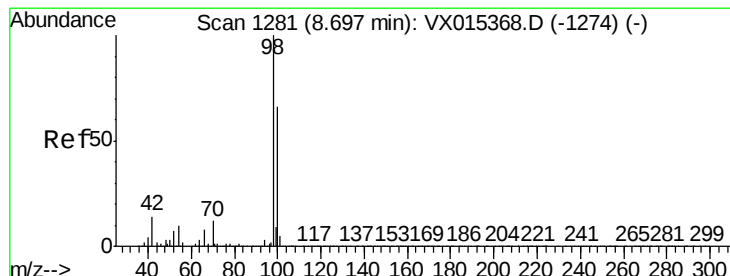
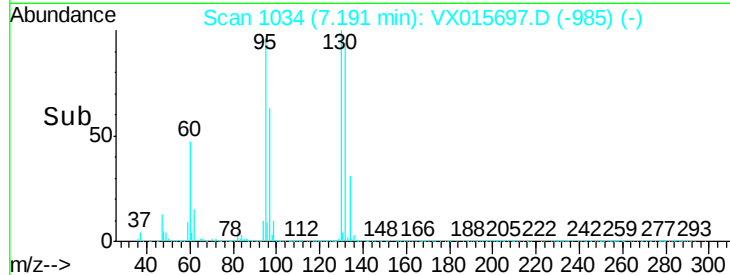
300000

200000

100000

0

Time-->



#50

Toluene-d8

Concen: 50.360 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015697.D

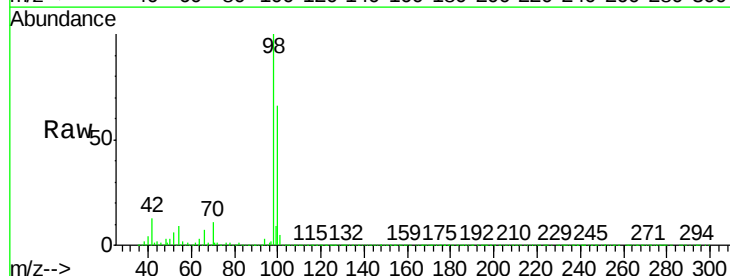
Acq: 15 Apr 2020 20:32

Tgt Ion: 98 Resp: 2009707

Ion Ratio Lower Upper

98 100

100 67.0 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

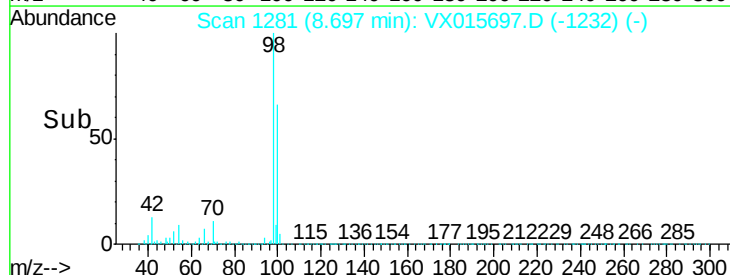
1500000

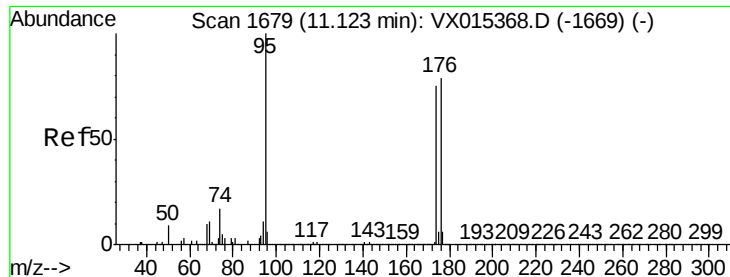
1000000

500000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 51.984 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015697.D

Acq: 15 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-200408DL

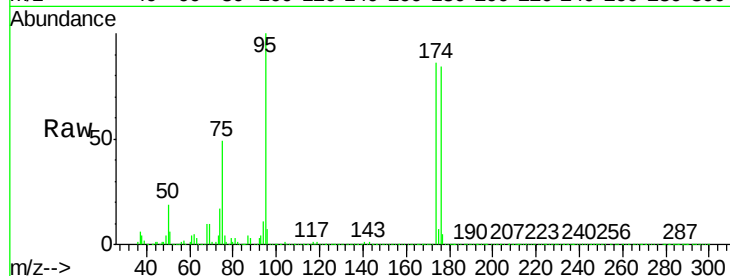
Tot Ion: 95 Resp: 843087

Ion Ratio Lower Upper

95 100

174 86.6 0.0 158.6

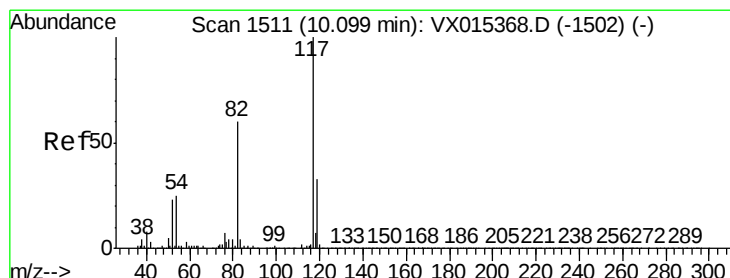
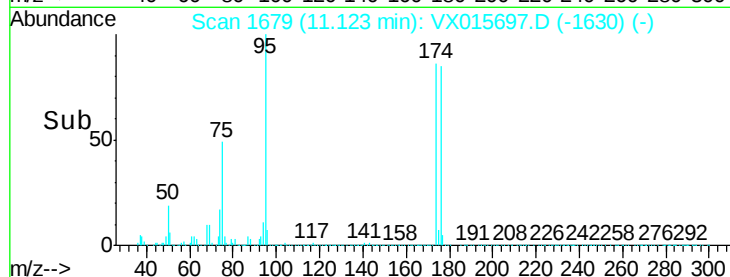
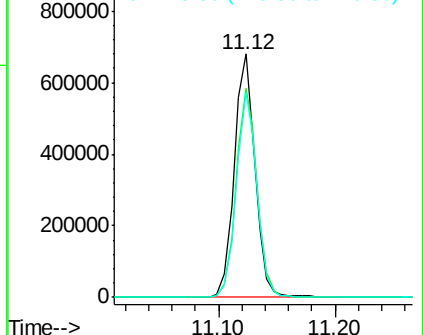
176 83.1 0.0 159.0



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: VX015697.D

Acq: 15 Apr 2020 20:32

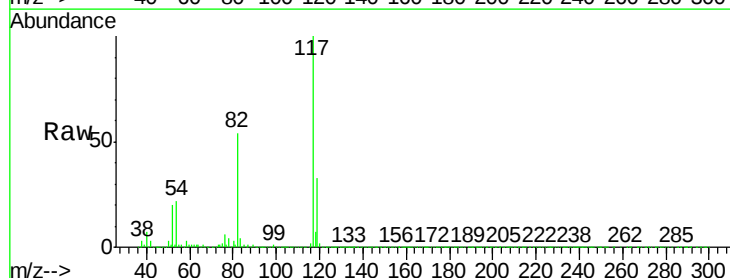
Tgt Ion: 117 Resp: 1607292

Ion Ratio Lower Upper

117 100

82 54.0 47.8 71.8

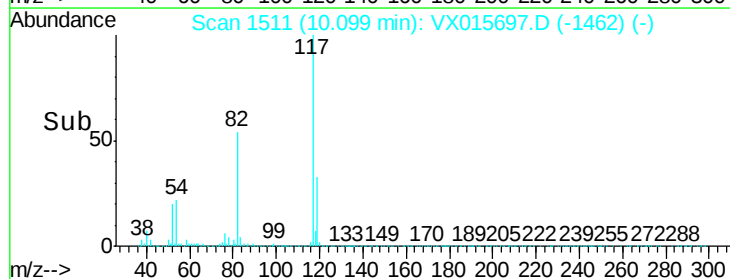
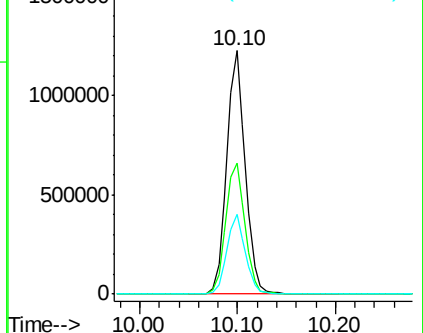
119 32.6 26.8 40.2

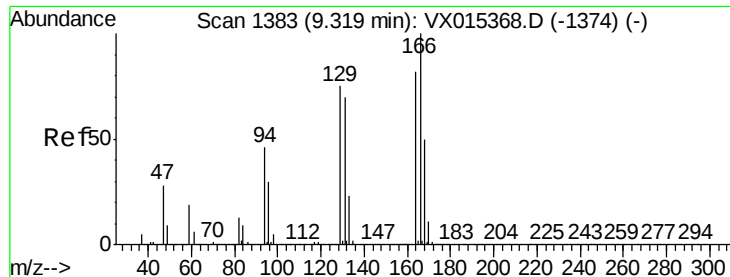


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 1.529 ug/l

RT: 9.32 min Scan# 1384

Delta R.T. 0.01 min

Lab File: VX015697.D

Acq: 15 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

KY036MW026-200408DL

Tot Ion:164 Resp: 18547

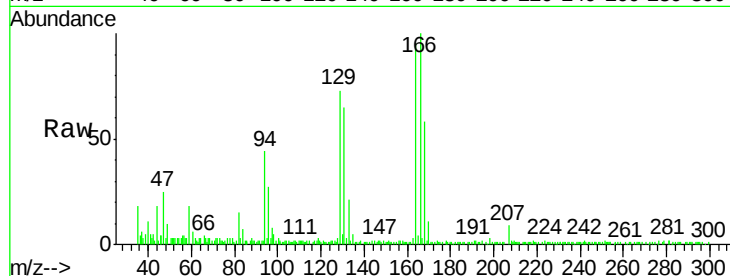
Ion Ratio Lower Upper

164 100

166 103.0 97.8 146.6

129 76.2 73.0 109.4

131 66.4 68.6 103.0#



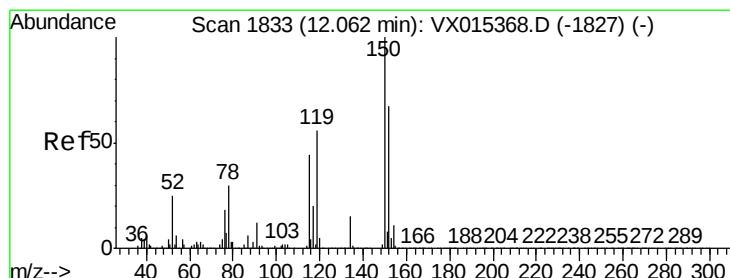
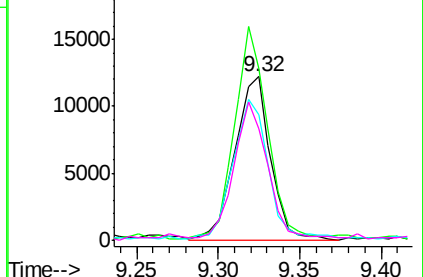
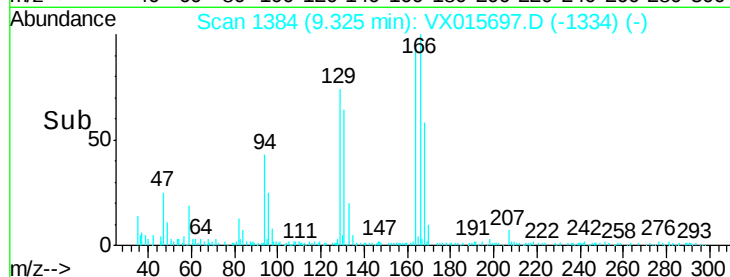
Abundance Ion 163.80 (163.50 to 164.50): V

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

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015697.D

Acq: 15 Apr 2020 20:32

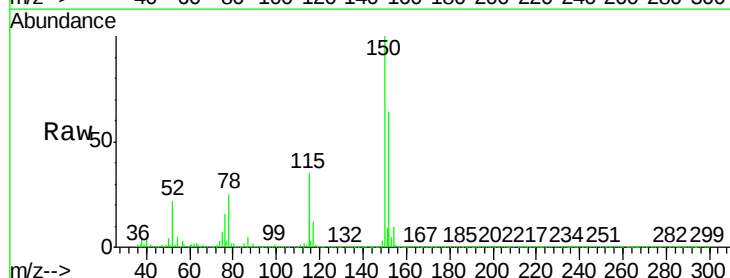
Tgt Ion:152 Resp: 886095

Ion Ratio Lower Upper

152 100

115 56.4 39.0 116.9

150 157.4 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

Time-->

