

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015693.D
 Acq On : 15 Apr 2020 19:01
 Operator : JC/SP
 Sample : L2233-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW309-200408

Quant Time: Apr 16 07:30:14 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

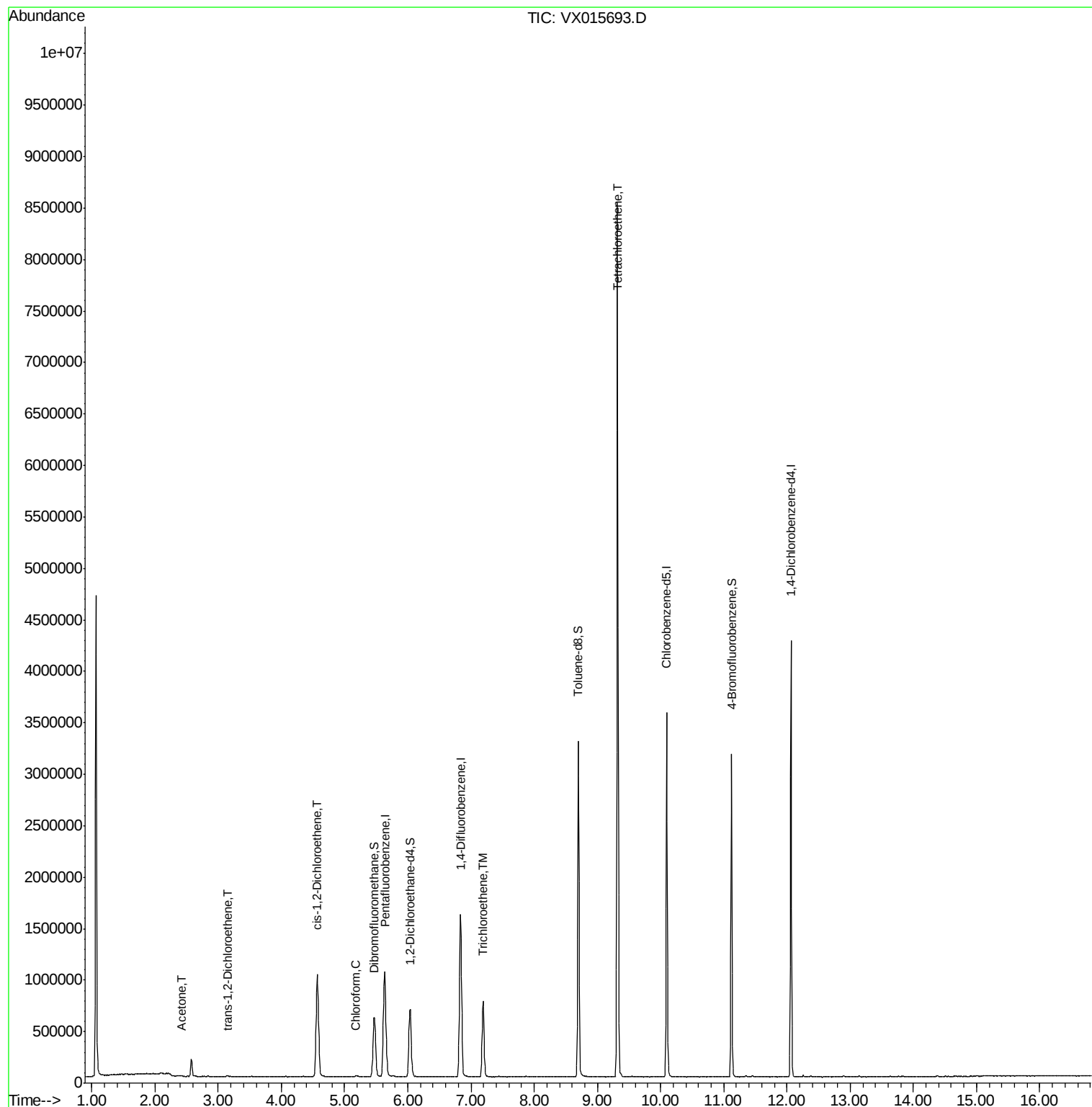
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1057556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1611509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1579694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	857063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	636069	42.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.28%	
35) Dibromofluoromethane	5.47	113	493259	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
50) Toluene-d8	8.70	98	1942546	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.12	95	814588	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
Target Compounds						
16) Acetone	2.42	43	11326	1.767	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	6168	0.557	ug/l #	88
27) cis-1,2-Dichloroethene	4.57	96	620986	48.439	ug/l	89
30) Chloroform	5.18	83	12780	0.610	ug/l	95
44) Trichloroethene	7.19	130	291164	24.546	ug/l	99
64) Tetrachloroethene	9.32	164	1694043	142.099	ug/l	98

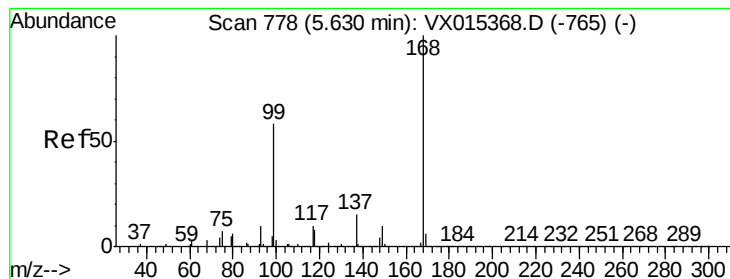
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015693.D

Acq: 15 Apr 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

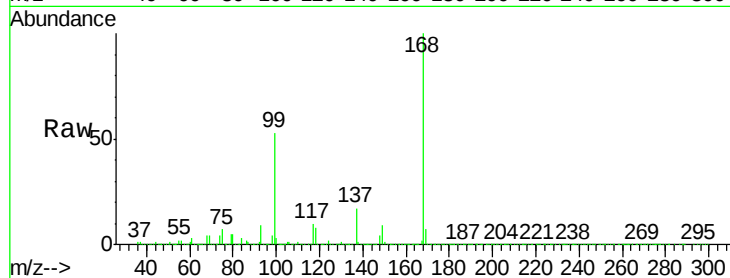
SS037MW309-200408

Tot Ion:168 Resp: 1057556

Ion Ratio Lower Upper

168 100

99 52.8 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

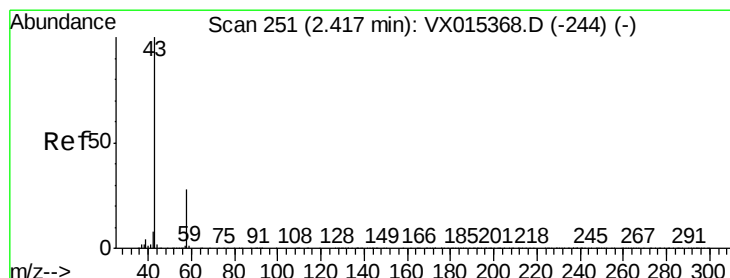
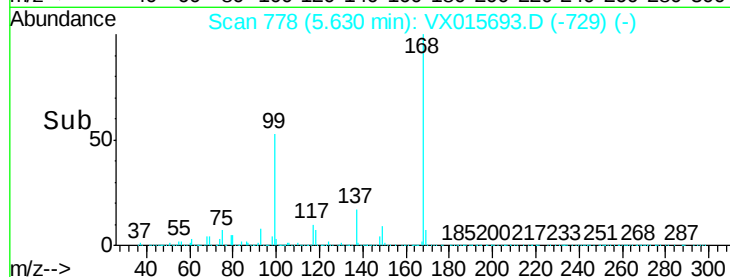
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.767 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015693.D

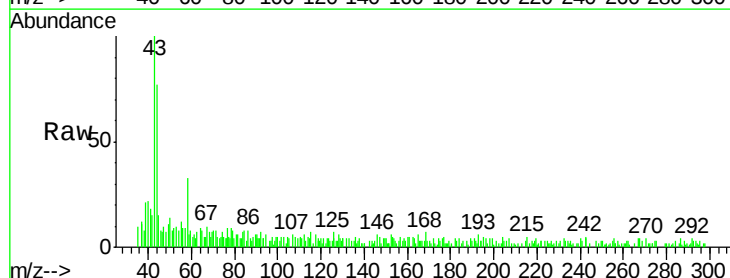
Acq: 15 Apr 2020 19:01

Tgt Ion: 43 Resp: 11326

Ion Ratio Lower Upper

43 100

58 26.1 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

6000

5000

4000

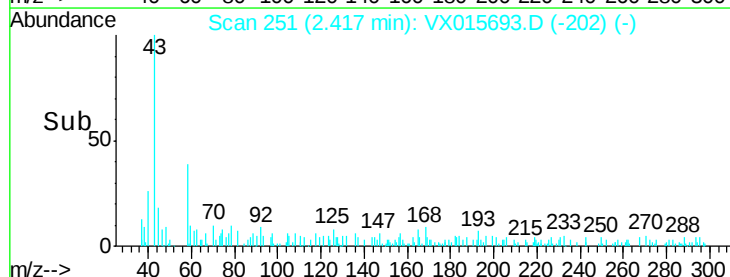
3000

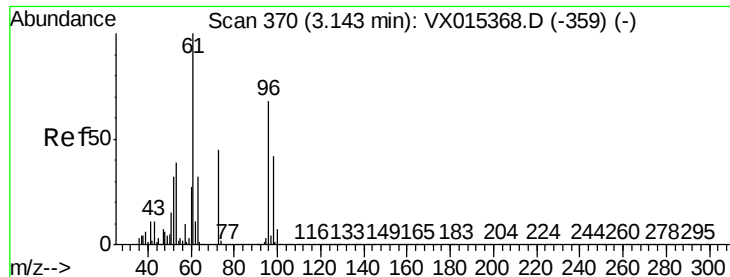
2000

1000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.557 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015693.D

Acq: 15 Apr 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-200408

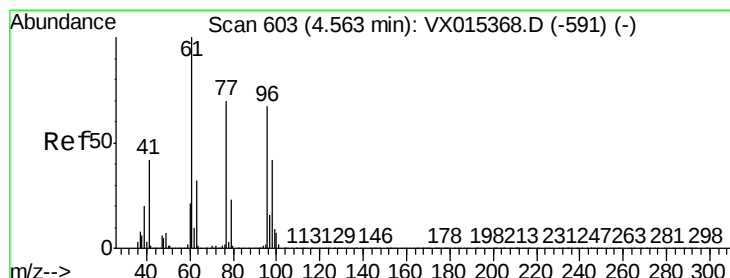
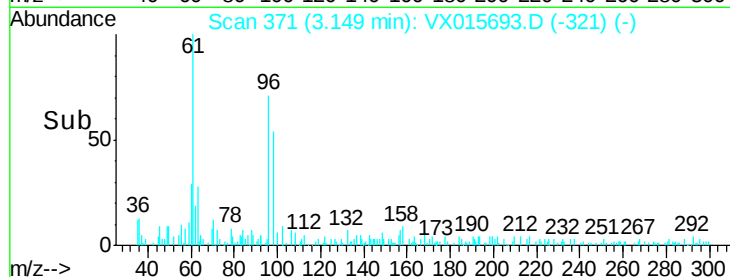
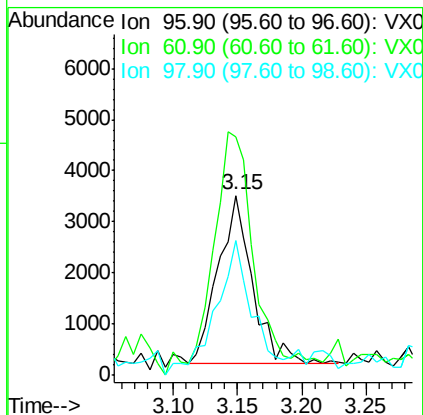
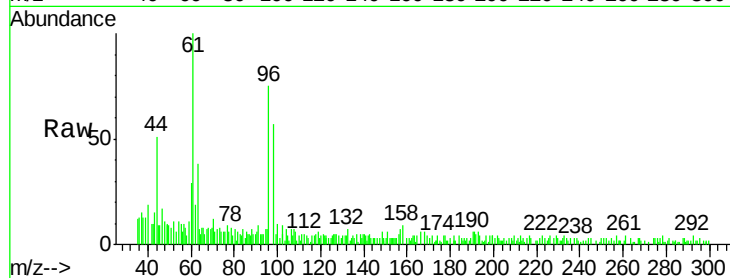
Tot Ion: 96 Resp: 6168

Ion Ratio Lower Upper

96 100

61 135.8 116.9 175.3

98 77.0 48.6 73.0#



#27

cis-1,2-Dichloroethene

Concen: 48.439 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX015693.D

Acq: 15 Apr 2020 19:01

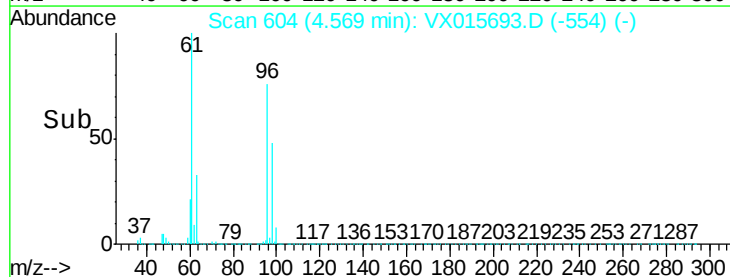
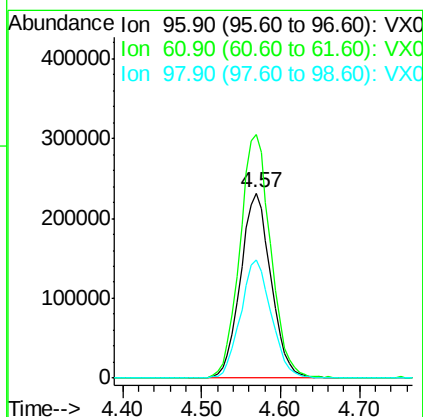
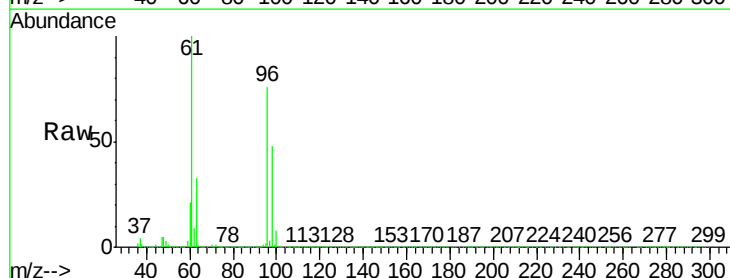
Tgt Ion: 96 Resp: 620986

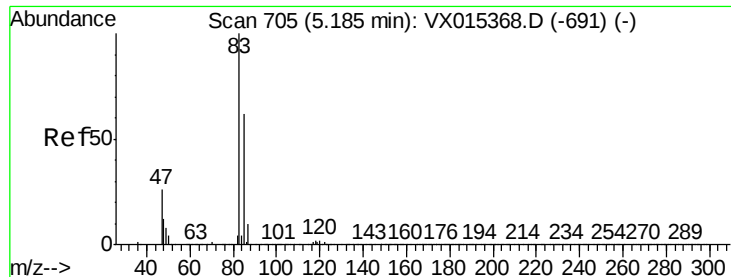
Ion Ratio Lower Upper

96 100

61 134.1 0.0 308.4

98 64.5 0.0 129.2

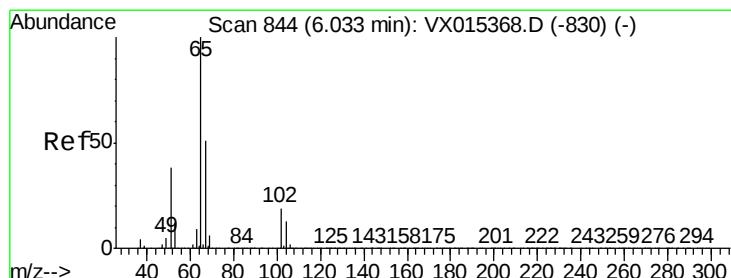
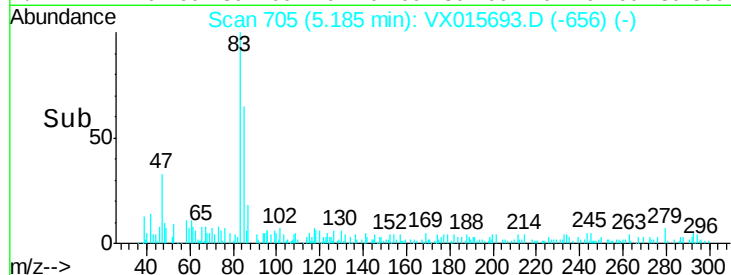
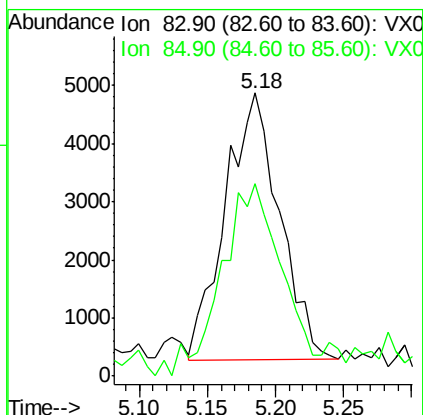
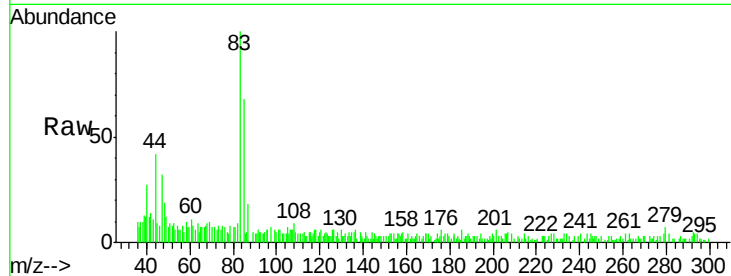




#30
Chloroform
Concen: 0.610 ug/l
RT: 5.18 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015693.D
Acq: 15 Apr 2020 19:01

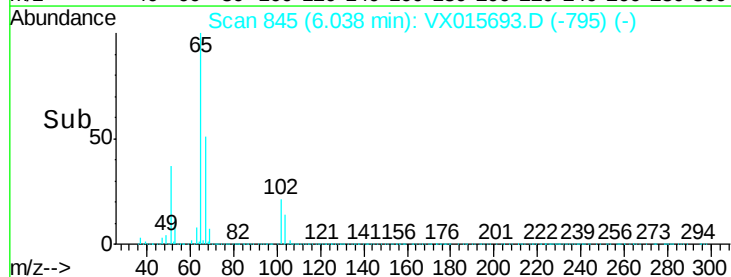
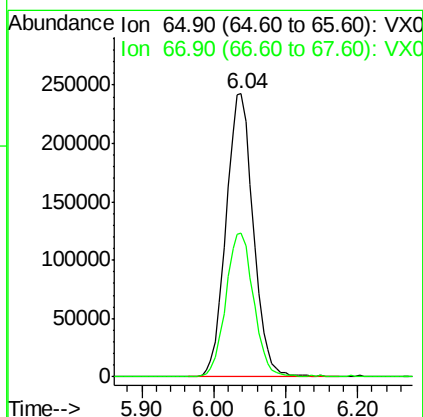
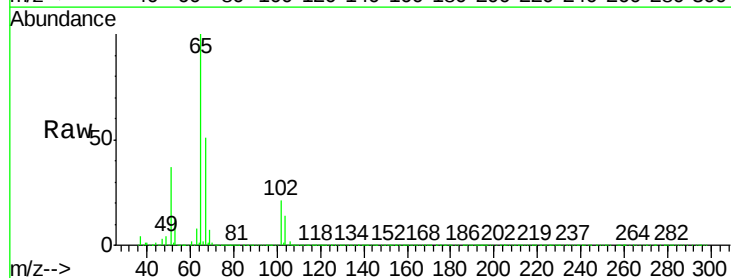
Instrument :
MSVOA_X
ClientSampleId :
SS037MW309-200408

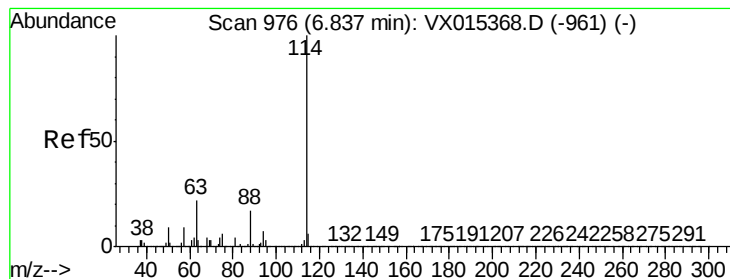
Tot Ion: 83 Resp: 12780
Ion Ratio Lower Upper
83 100
85 65.5 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 42.644 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015693.D
Acq: 15 Apr 2020 19:01

Tgt Ion: 65 Resp: 636069
Ion Ratio Lower Upper
65 100
67 51.4 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: VX015693.D

Acq: 15 Apr 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-200408

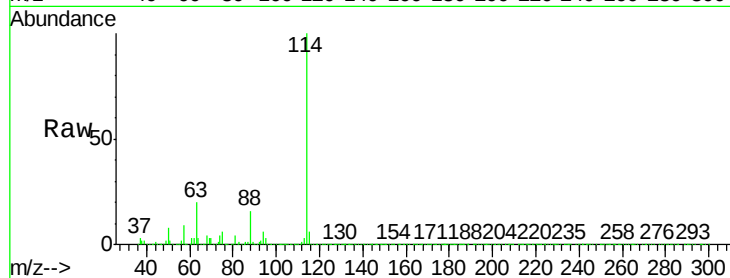
Tot Ion:114 Resp: 1611509

Ion Ratio Lower Upper

114 100

63 20.1 0.0 44.2

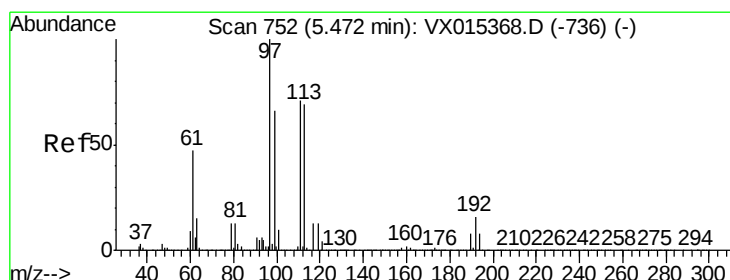
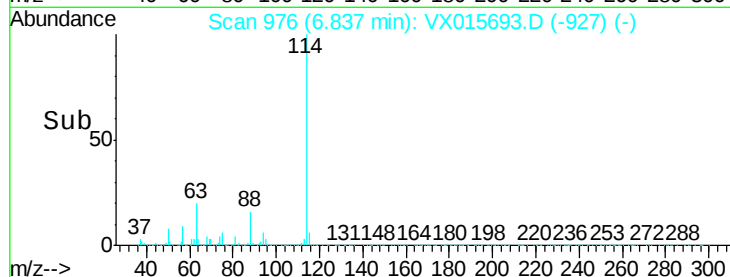
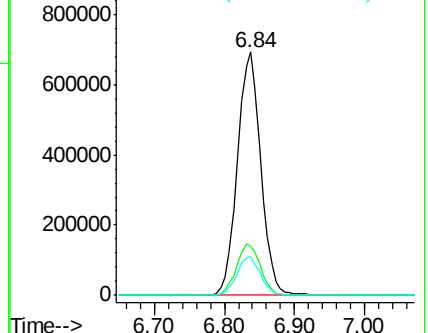
88 15.9 0.0 33.8



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: 47.884 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015693.D

Acq: 15 Apr 2020 19:01

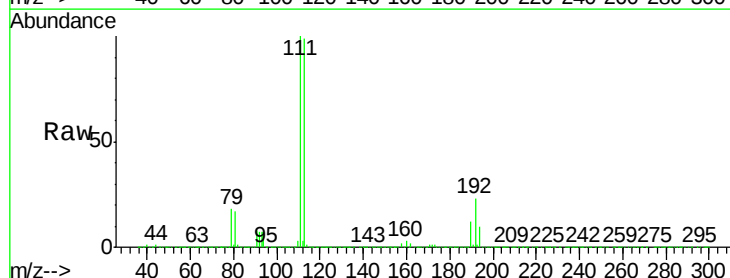
Tgt Ion:113 Resp: 493259

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

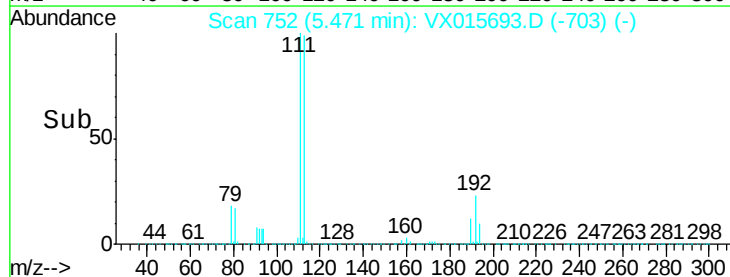
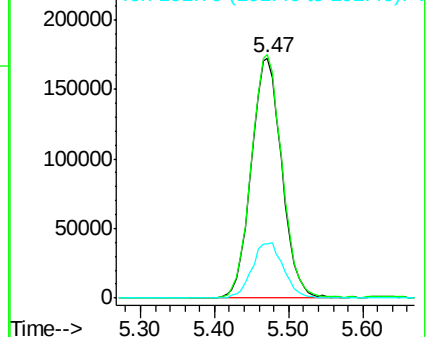
192 23.8 17.8 26.6

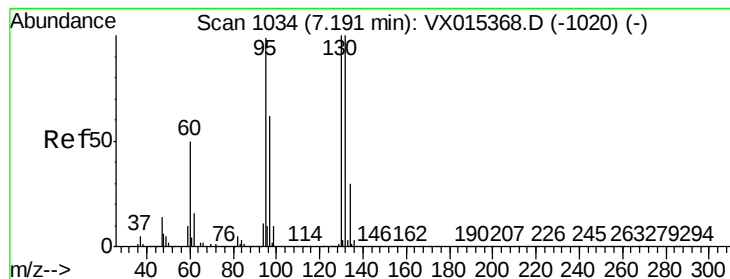


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 24.546 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015693.D

Acq: 15 Apr 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

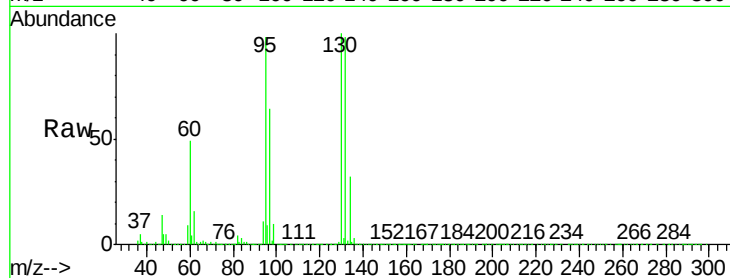
SS037MW309-200408

Tot Ion:130 Resp: 291164

Ion Ratio Lower Upper

130 100

95 98.2 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

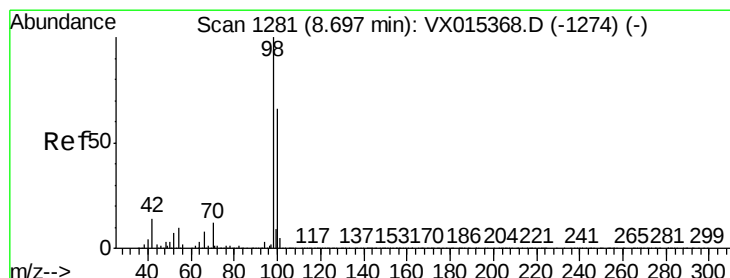
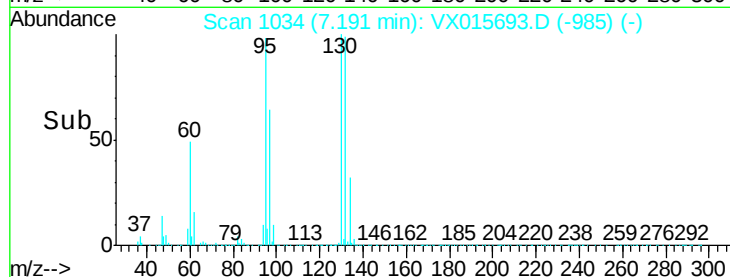
150000

100000

50000

0

Time--> 7.00 7.10 7.20 7.30



#50

Toluene-d8

Concen: 51.219 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015693.D

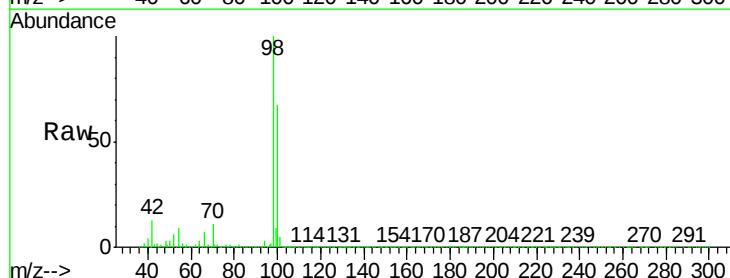
Acq: 15 Apr 2020 19:01

Tgt Ion: 98 Resp: 1942546

Ion Ratio Lower Upper

98 100

100 65.7 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

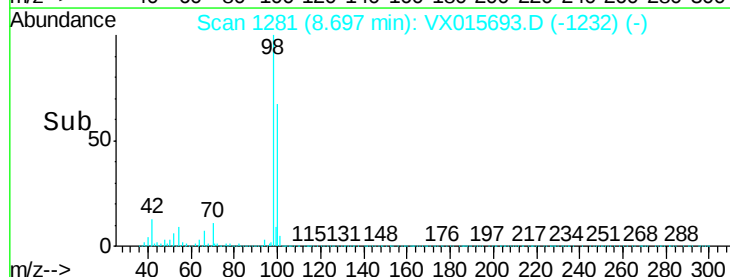
8.70

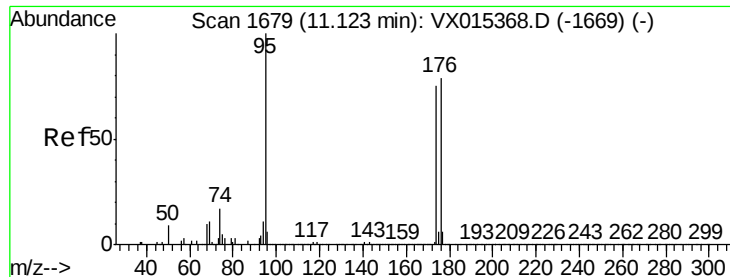
1000000

500000

0

Time--> 8.60 8.70 8.80 8.90





#62

4-Bromofluorobenzene

Concen: 52.850 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015693.D

Acq: 15 Apr 2020 19:01

Instrument :

MSVOA_X

ClientSampleId :

SS037MW309-200408

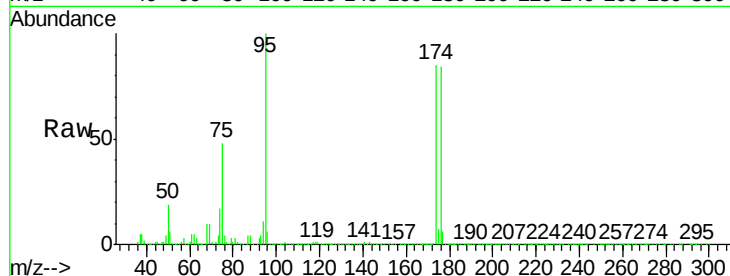
Tot Ion: 95 Resp: 814588

Ion Ratio Lower Upper

95 100

174 85.7 0.0 158.6

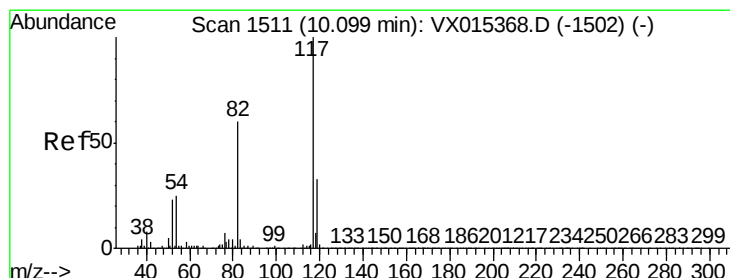
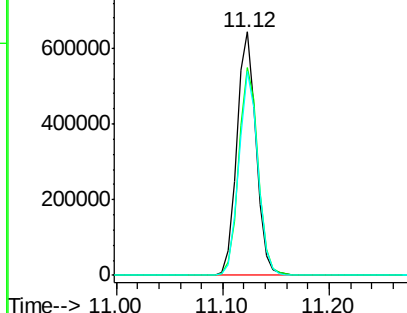
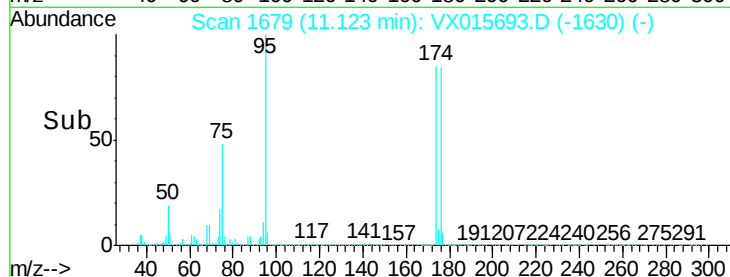
176 83.0 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015693.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015693.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015693.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015693.D

Acq: 15 Apr 2020 19:01

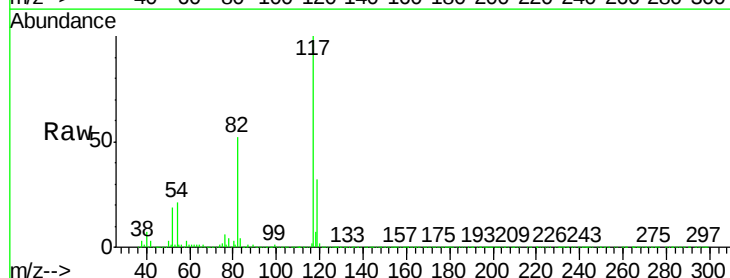
Tgt Ion: 117 Resp: 1579694

Ion Ratio Lower Upper

117 100

82 52.2 47.8 71.8

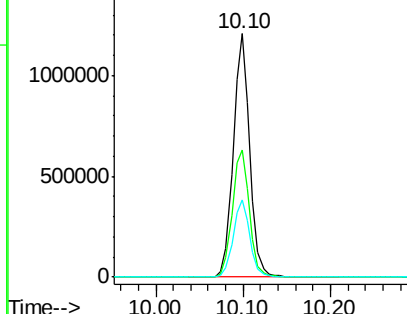
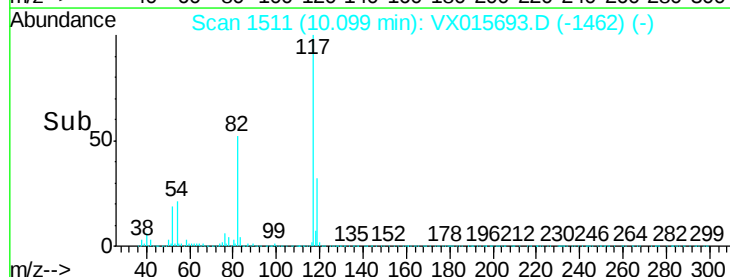
119 31.9 26.8 40.2

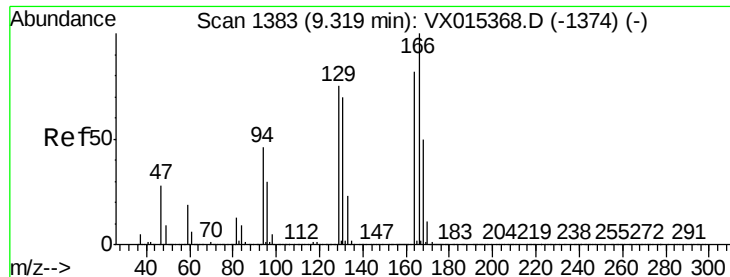


Abundance Ion 116.90 (116.60 to 117.60): VX015693.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015693.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015693.D (-1462) (-)

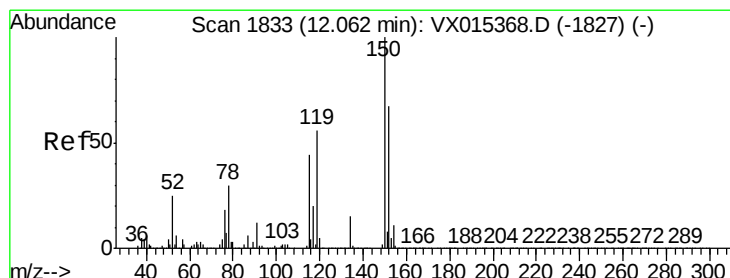
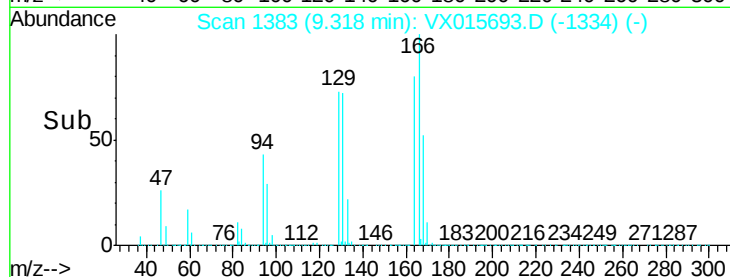
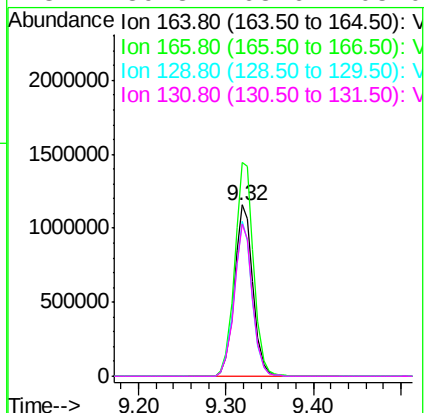
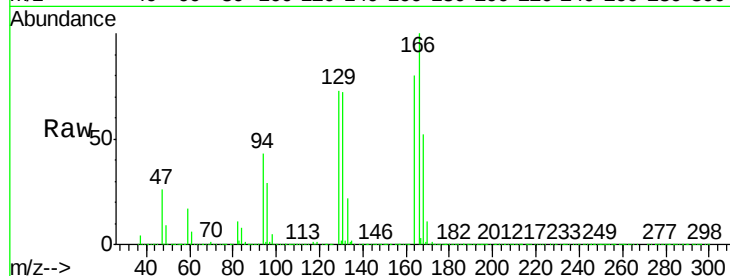




#64
Tetrachloroethene
Concen: 142.099 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015693.D
Acq: 15 Apr 2020 19:01

Instrument :
MSVOA_X
ClientSampleId :
SS037MW309-200408

Tot Ion:164 Resp: 1694043
Ion Ratio Lower Upper
164 100
166 124.8 97.8 146.6
129 90.6 73.0 109.4
131 89.3 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: VX015693.D
Acq: 15 Apr 2020 19:01

Tgt Ion:152 Resp: 857063
Ion Ratio Lower Upper
152 100
115 57.0 39.0 116.9
150 159.4 0.0 340.8

