

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041620\
 Data File : VX015720.D
 Acq On : 16 Apr 2020 18:16
 Operator : JC/SP
 Sample : L2294-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS036PZ100-200413

Quant Time: Apr 17 08:37:37 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

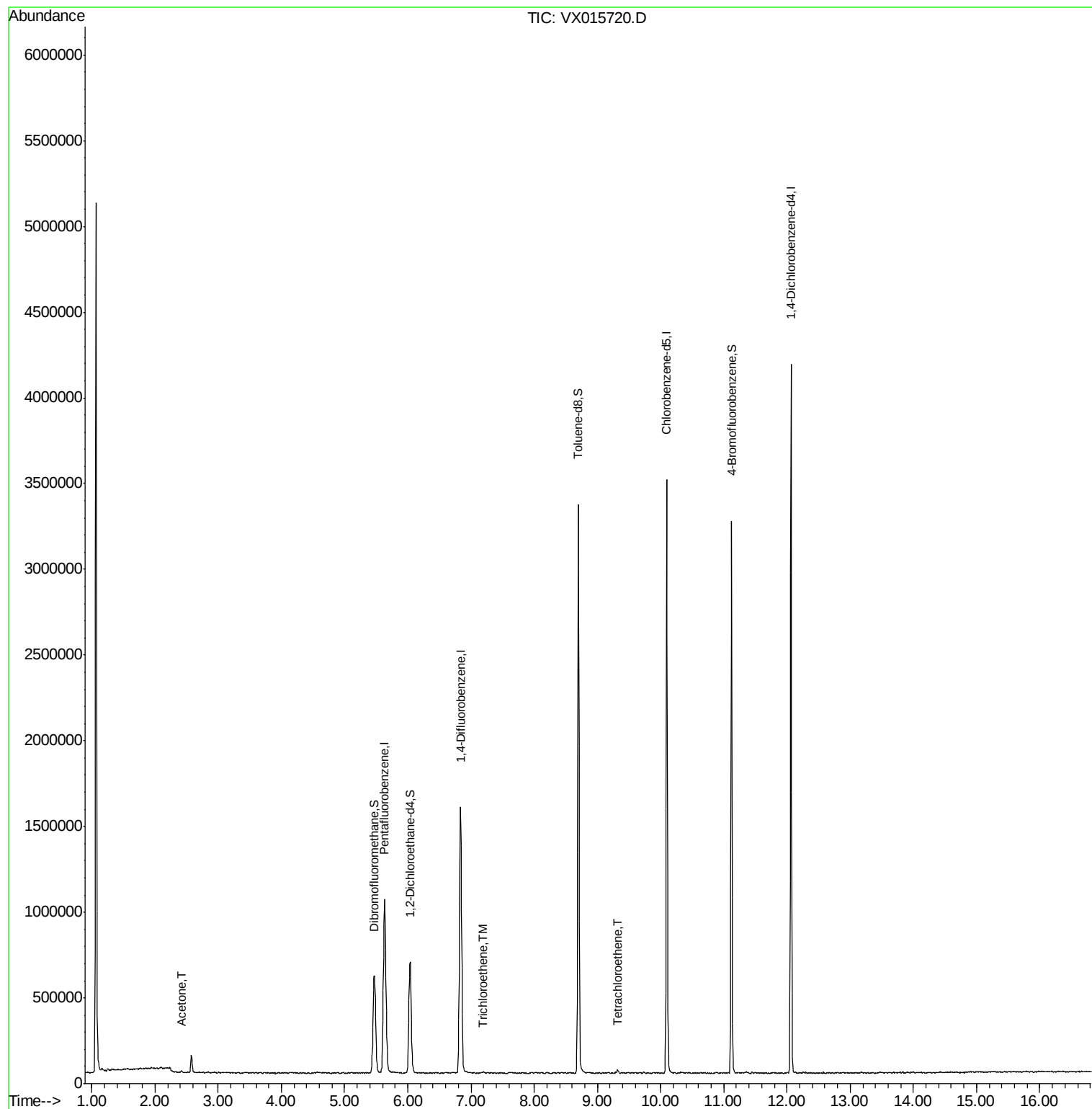
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1025404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1598353	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1570870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	864050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	631406	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
35) Dibromofluoromethane	5.47	113	483538	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
50) Toluene-d8	8.70	98	1911905	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.12	95	811225	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
Target Compounds						
16) Acetone	2.42	43	11495	1.850	ug/l	97
44) Trichloroethene	7.20	130	4102	0.349	ug/l	67
64) Tetrachloroethene	9.32	164	3732	0.315	ug/l #	81

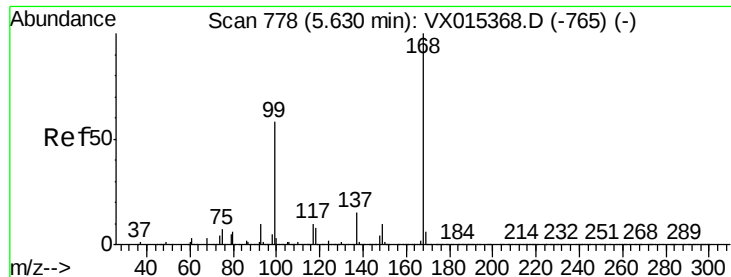
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015720.D

Acq: 16 Apr 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

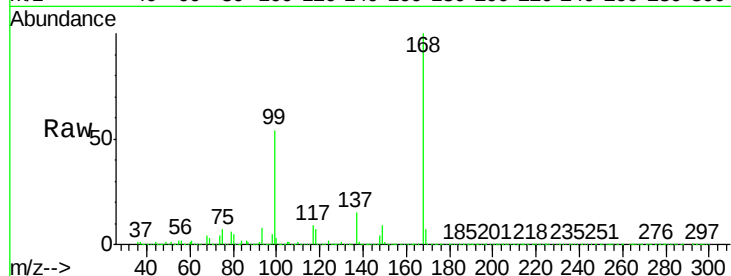
SS036PZ100-200413

Tot Ion:168 Resp: 1025404

Ion Ratio Lower Upper

168 100

99 54.3 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

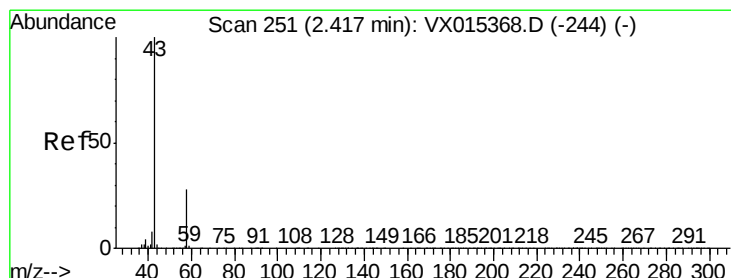
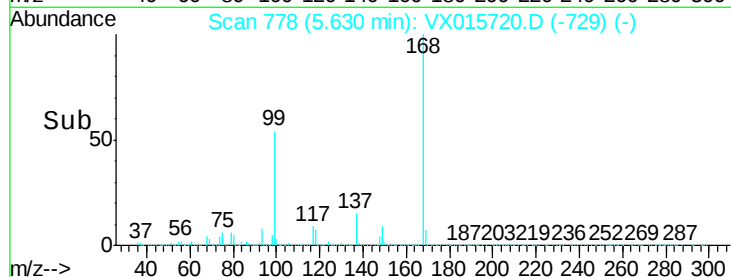
0

Time-->

5.50

5.60

5.70



#16

Acetone

Concen: 1.850 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015720.D

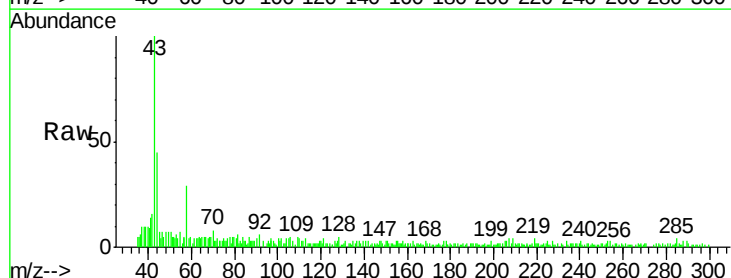
Acq: 16 Apr 2020 18:16

Tgt Ion: 43 Resp: 11495

Ion Ratio Lower Upper

43 100

58 25.9 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

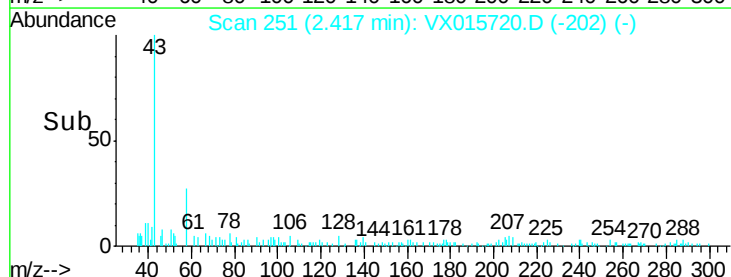
Time-->

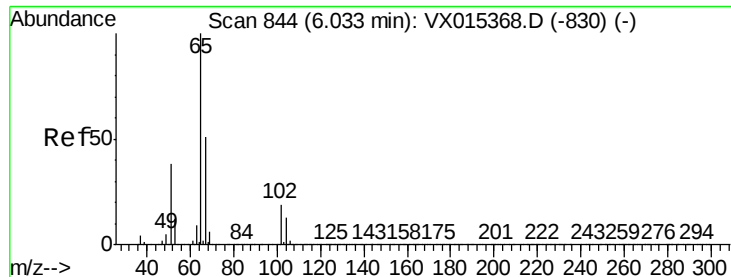
2.35

2.40

2.45

2.50





#33

1,2-Dichloroethane-d4

Concen: 43.659 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015720.D

Acq: 16 Apr 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

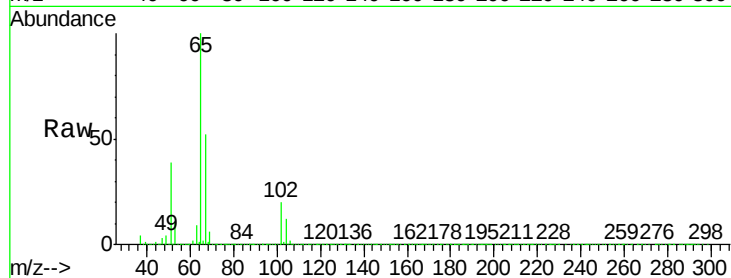
SS036PZ100-200413

Tot Ion: 65 Resp: 631406

Ion Ratio Lower Upper

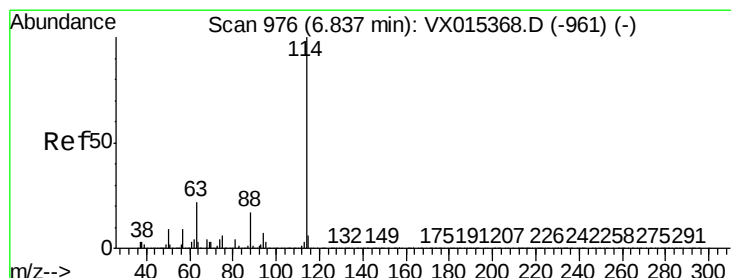
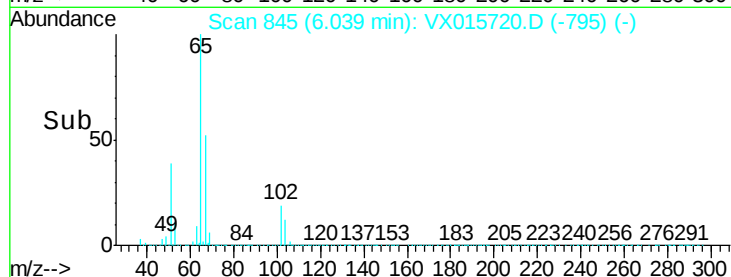
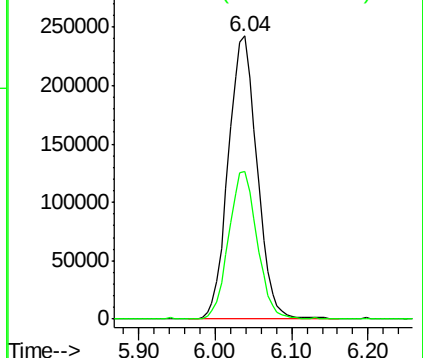
65 100

67 51.5 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015720.D

Acq: 16 Apr 2020 18:16

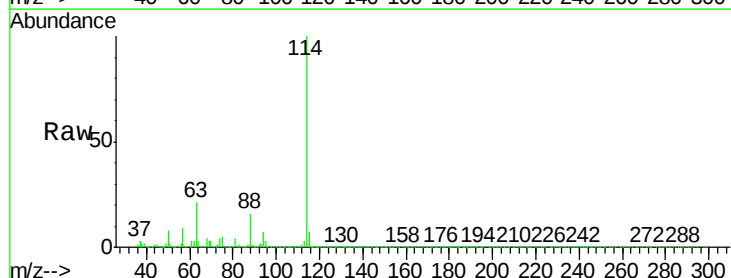
Tgt Ion: 114 Resp: 1598353

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.2

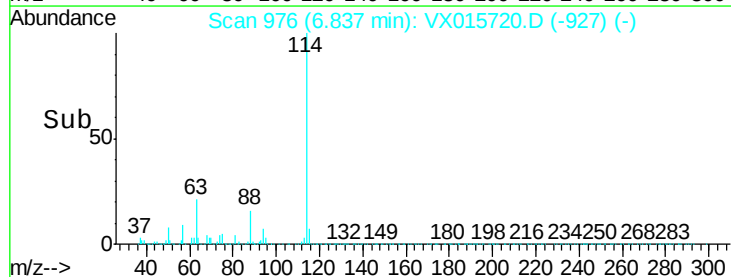
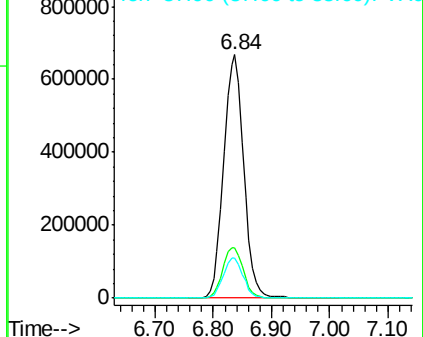
88 16.3 0.0 33.8

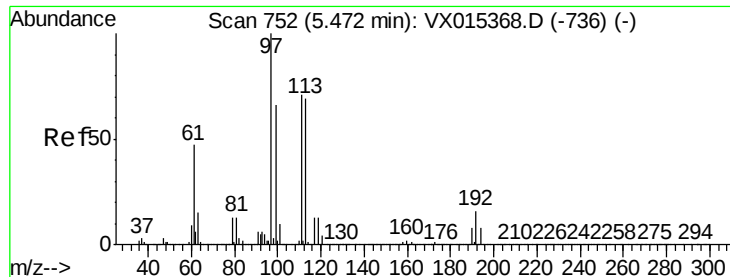


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

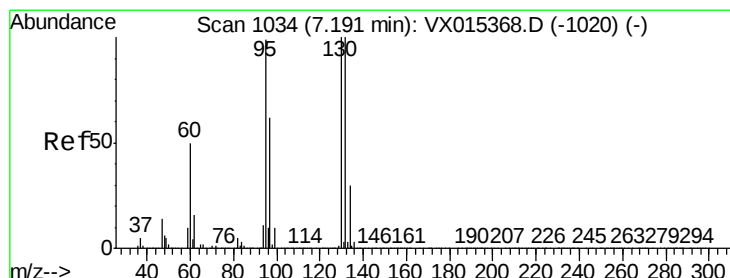
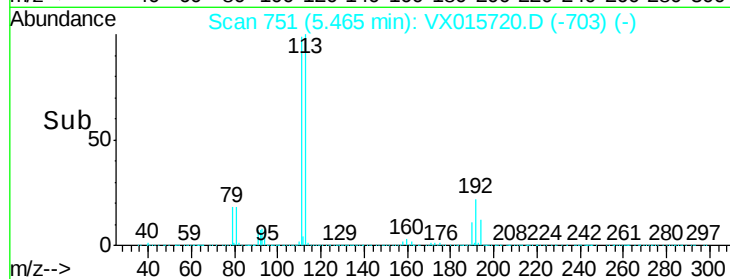
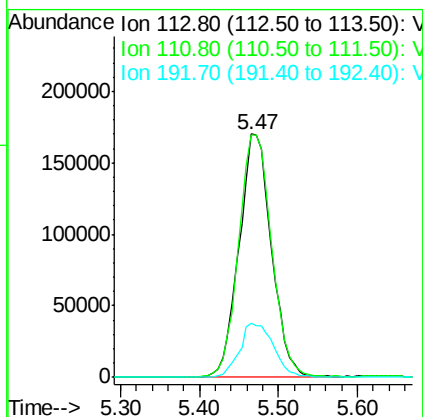
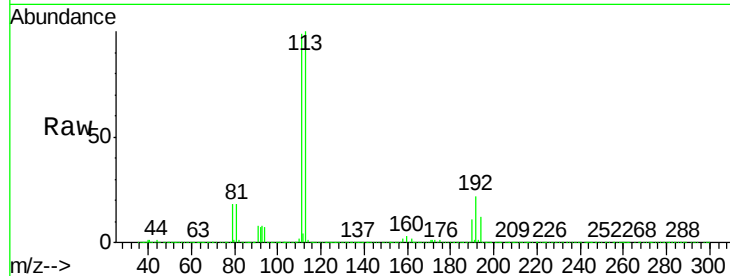




#35
Dibromofluoromethane
Concen: 47.326 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015720.D
Acq: 16 Apr 2020 18:16

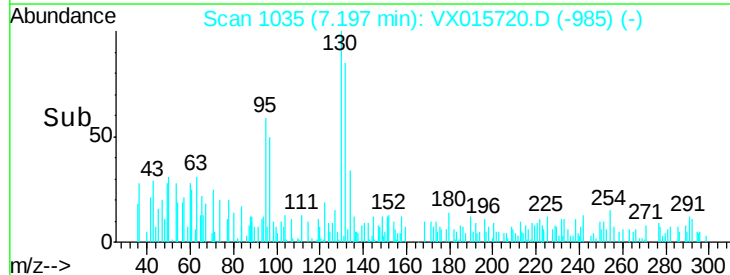
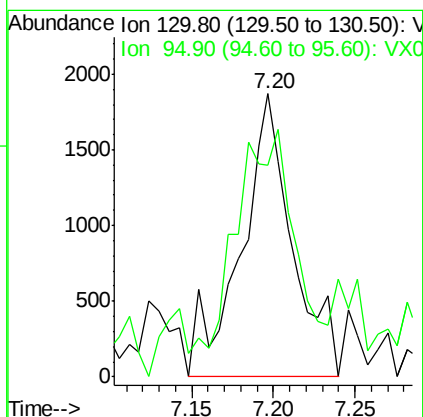
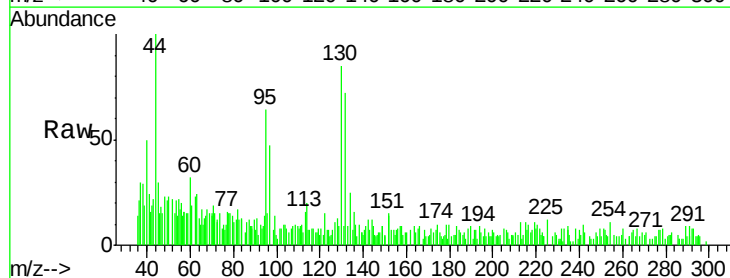
Instrument :
MSVOA_X
ClientSampleId :
SS036PZ100-200413

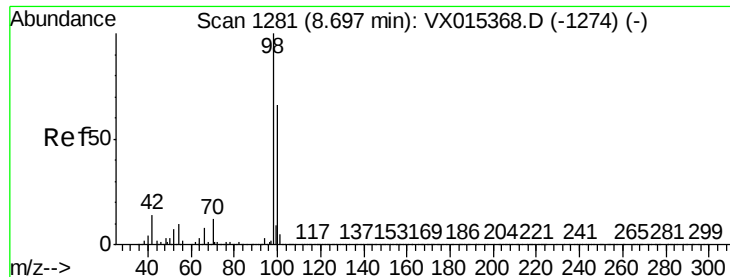
Tot Ion:113 Resp: 483538
Ion Ratio Lower Upper
113 100
111 101.9 81.5 122.3
192 23.6 17.8 26.6



#44
Trichloroethene
Concen: 0.349 ug/l
RT: 7.20 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX015720.D
Acq: 16 Apr 2020 18:16

Tgt Ion:130 Resp: 4102
Ion Ratio Lower Upper
130 100
95 66.4 0.0 199.0





#50

Toluene-d8

Concen: 50.826 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015720.D

Acq: 16 Apr 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

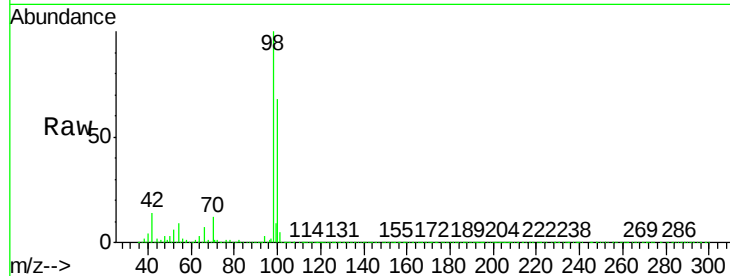
SS036PZ100-200413

Tot Ion: 98 Resp: 1911905

Ion Ratio Lower Upper

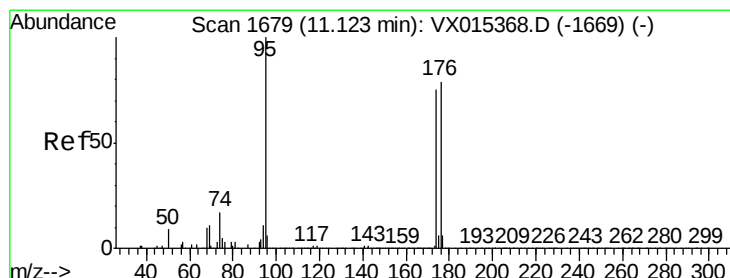
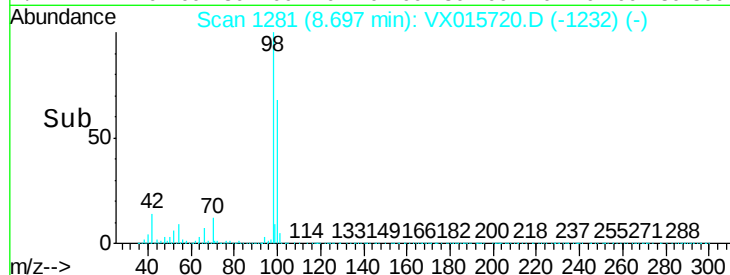
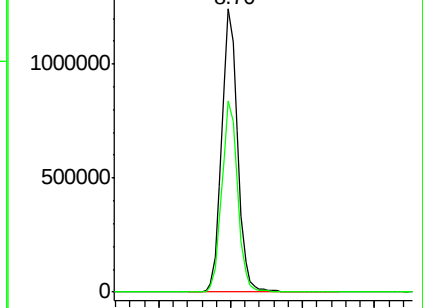
98 100

100 67.1 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.065 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015720.D

Acq: 16 Apr 2020 18:16

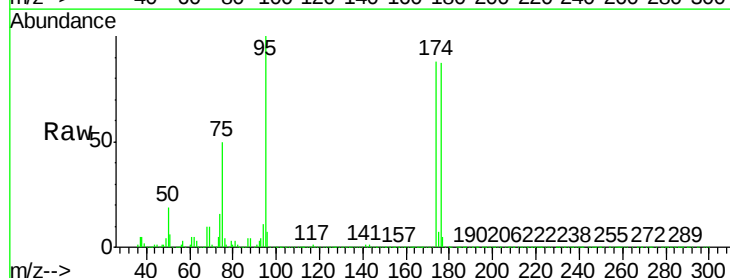
Tgt Ion: 95 Resp: 811225

Ion Ratio Lower Upper

95 100

174 86.2 0.0 158.6

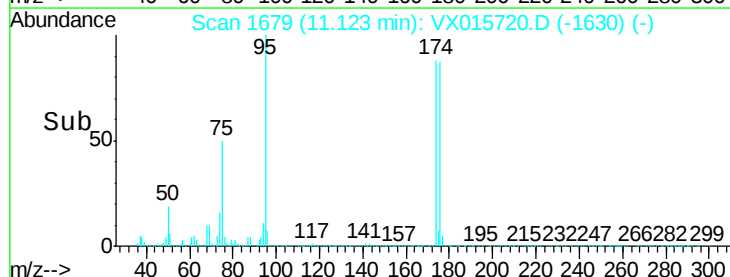
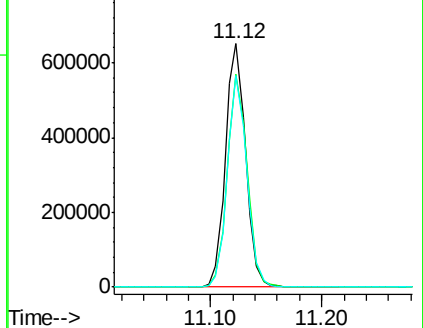
176 84.7 0.0 159.0

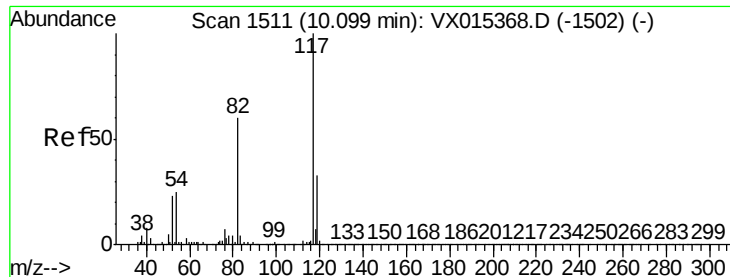


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

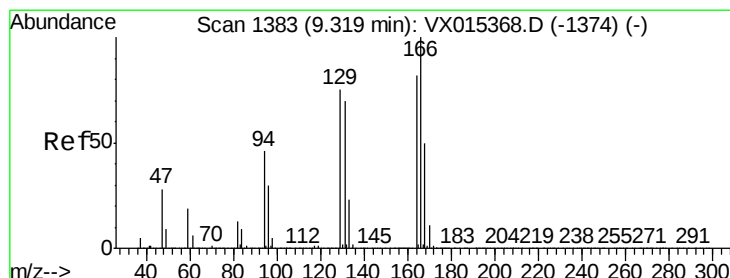
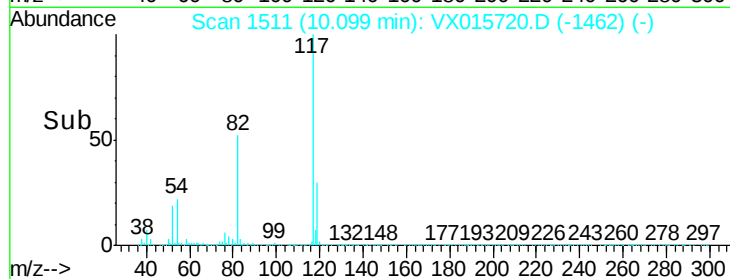
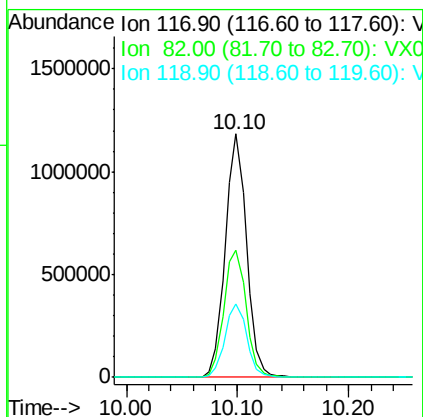
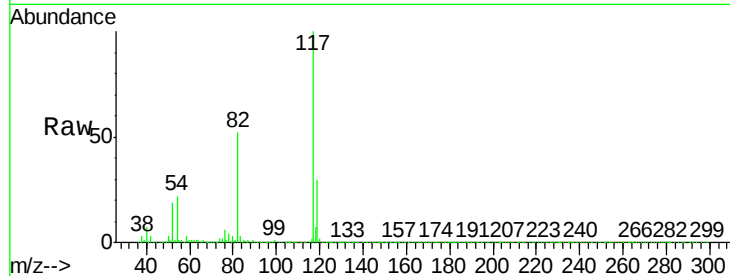




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015720.D
Acq: 16 Apr 2020 18:16

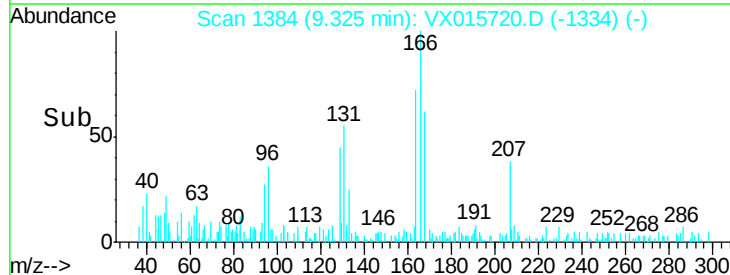
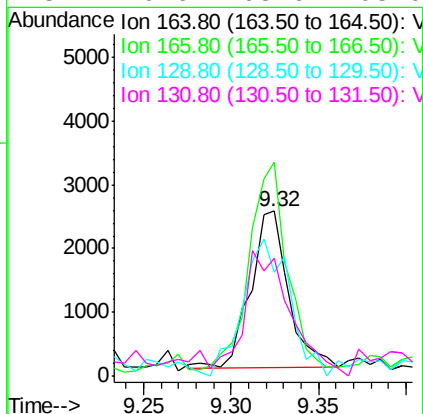
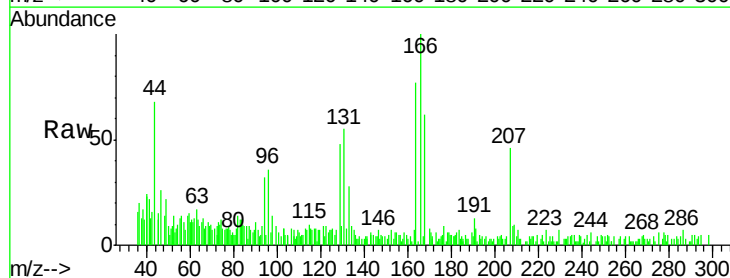
Instrument :
MSVOA_X
ClientSampleId :
SS036PZ100-200413

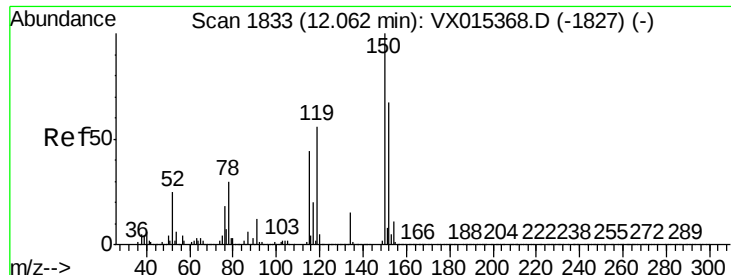
Tot Ion:117 Resp: 1570870
Ion Ratio Lower Upper
117 100
82 52.4 47.8 71.8
119 30.3 26.8 40.2



#64
Tetrachloroethene
Concen: 0.315 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015720.D
Acq: 16 Apr 2020 18:16

Tgt Ion:164 Resp: 3732
Ion Ratio Lower Upper
164 100
166 132.6 97.8 146.6
129 60.0 73.0 109.4#
131 70.6 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: VX015720.D

Acq: 16 Apr 2020 18:16

Instrument :

MSVOA_X

ClientSampleId :

SS036PZ100-200413

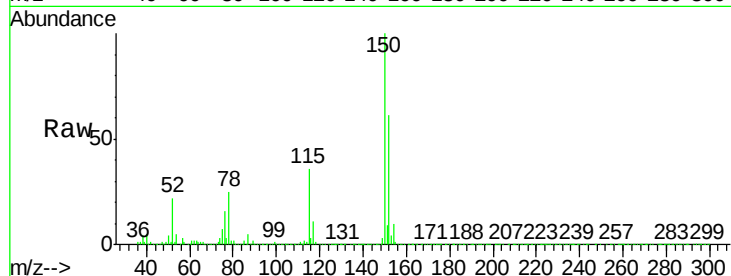
Tot Ion:152 Resp: 864050

Ion Ratio Lower Upper

152 100

115 56.2 39.0 116.9

150 159.0 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

