

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042420\
 Data File : VX015944.D
 Acq On : 24 Apr 2020 20:29
 Operator : JC/SP
 Sample : L2414-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW184-200422

Quant Time: Apr 25 07:49:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 24 13:17:59 2020
 Response via : Initial Calibration

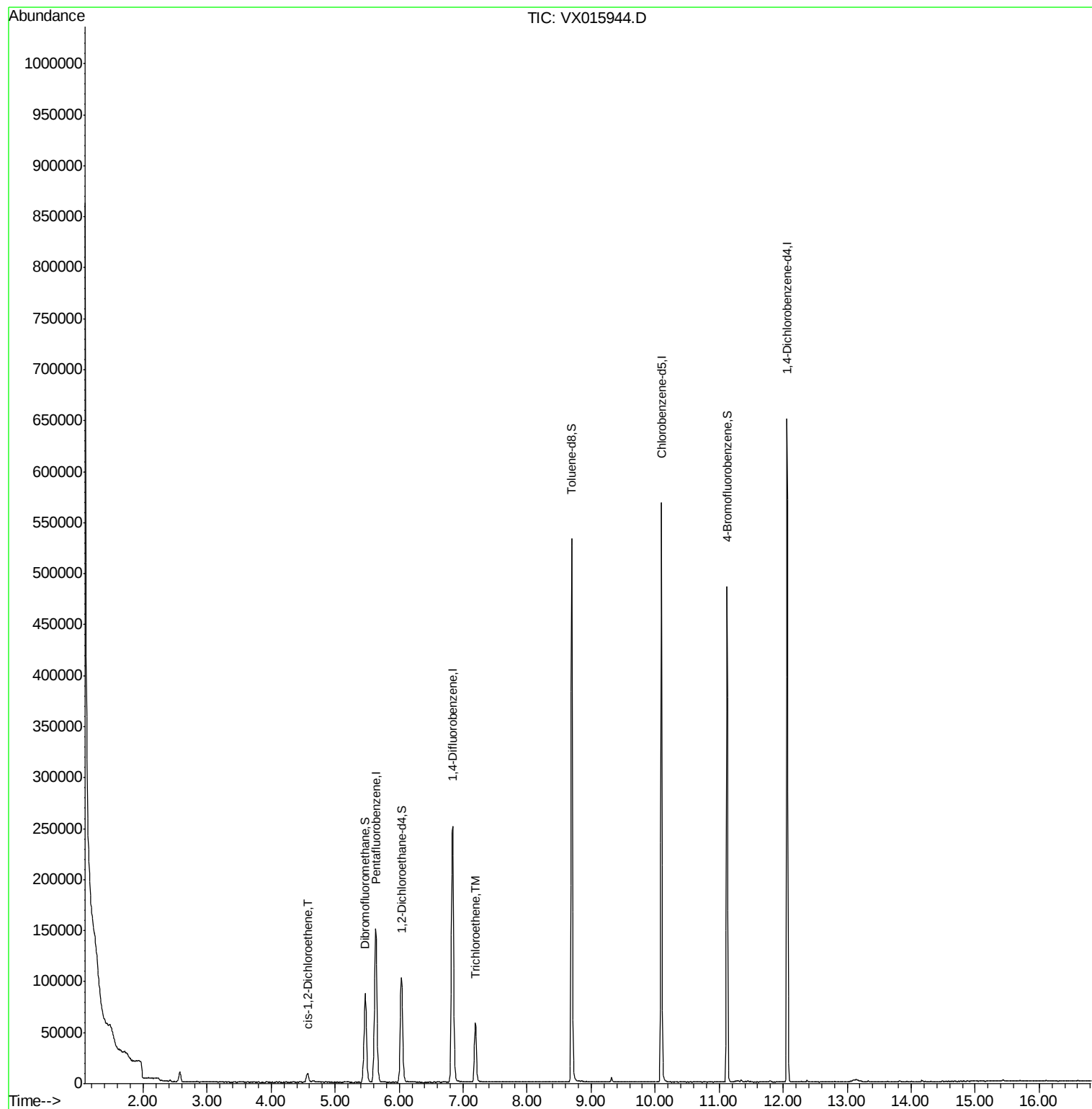
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	137957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	260306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	251734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	125133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	98529	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
35) Dibromofluoromethane	5.47	113	76420	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
50) Toluene-d8	8.70	98	325621	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
62) 4-Bromofluorobenzene	11.12	95	136159	55.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.70%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.57	96	5961	3.011	ug/l	82
44) Trichloroethene	7.19	130	21562	9.634	ug/l	98

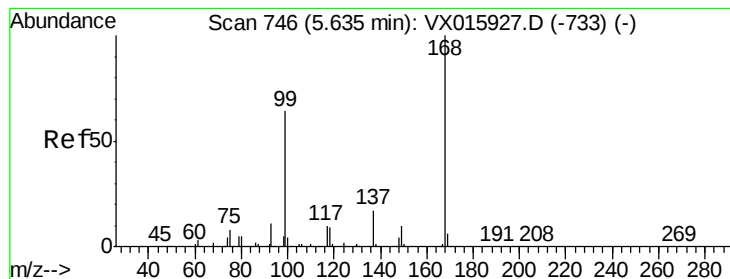
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015944.D

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ClientSampleId :

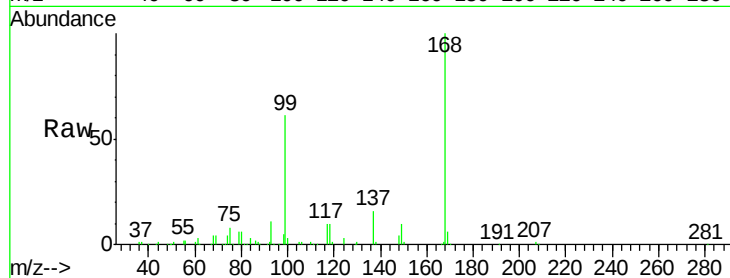
ST006MW184-200422

Tot Ion:168 Resp: 137957

Ion Ratio Lower Upper

168 100

99 61.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

30000

20000

10000

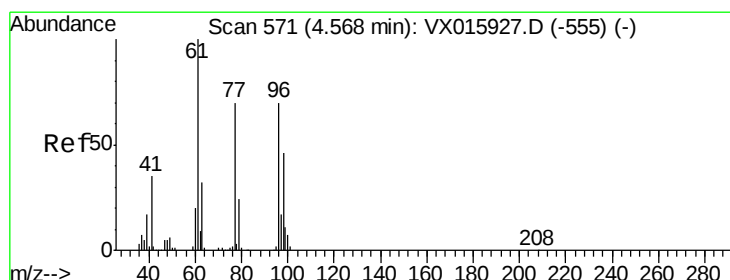
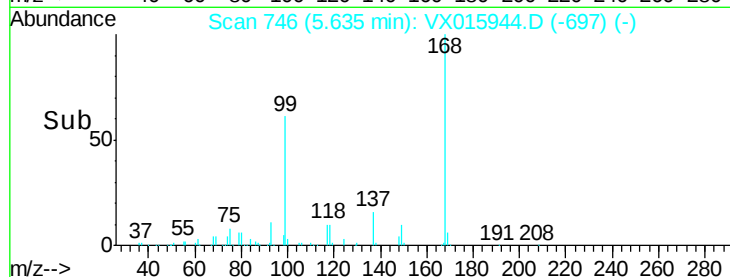
0

Time-->

5.50

5.60

5.70



#27

cis-1,2-Dichloroethene

Concen: 3.011 ug/l

RT: 4.57 min Scan# 572

Delta R.T. 0.01 min

Lab File: VX015944.D

Acq: 24 Apr 2020 20:29

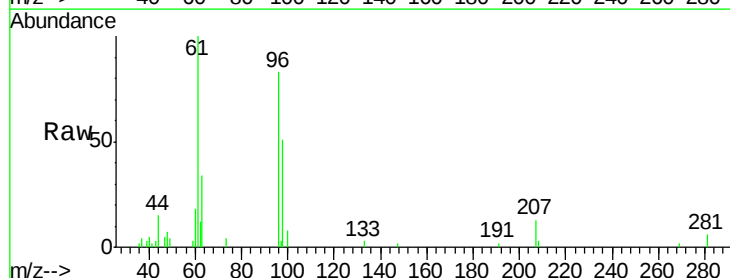
Tgt Ion: 96 Resp: 5961

Ion Ratio Lower Upper

96 100

61 117.8 0.0 293.4

98 60.2 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

4.57

3000

2000

1000

0

Time-->

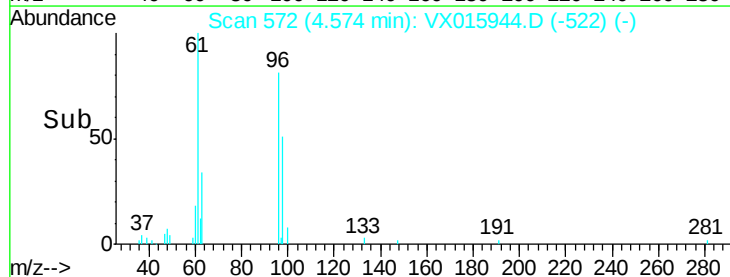
4.45

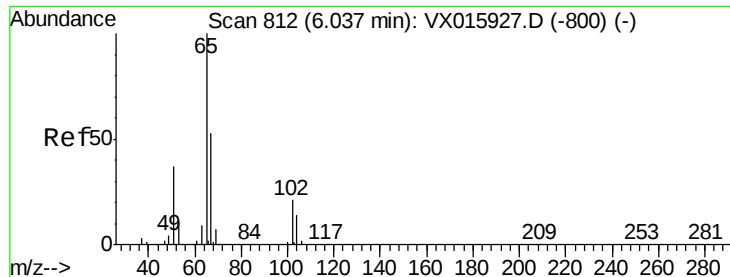
4.50

4.55

4.60

4.65

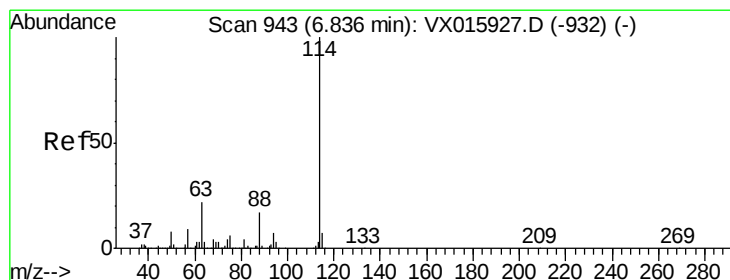
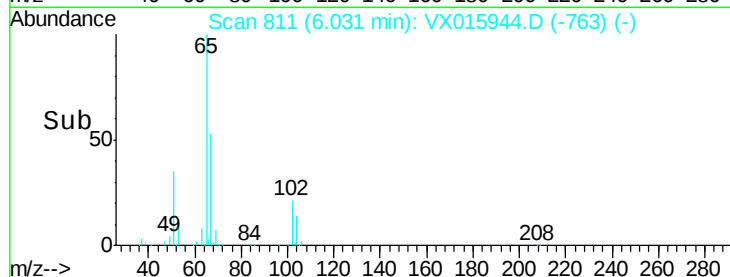
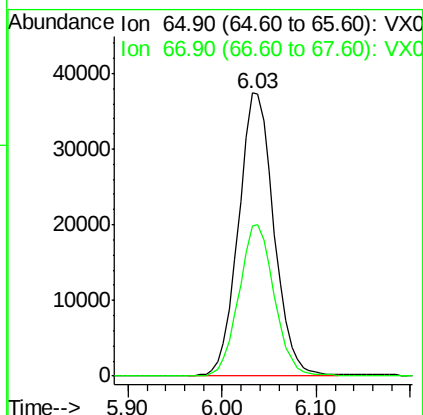
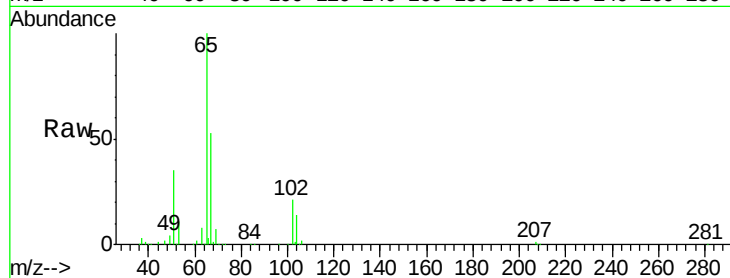




#33
 1,2-Dichloroethane-d4
 Concen: 50.580 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX015944.D
 Acq: 24 Apr 2020 20:29

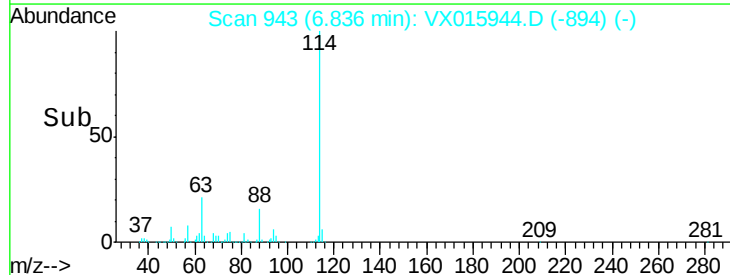
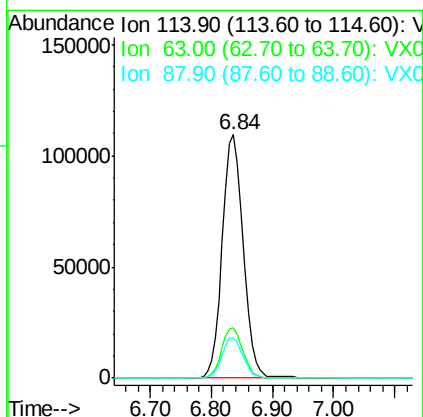
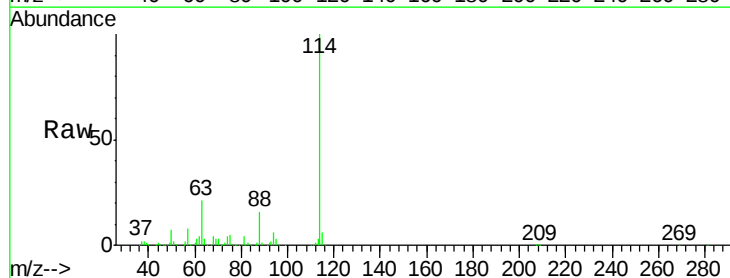
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW184-200422

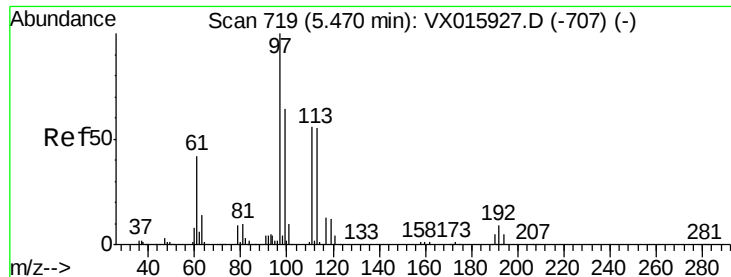
Tot Ion: 65 Resp: 98529
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX015944.D
 Acq: 24 Apr 2020 20:29

Tgt Ion: 114 Resp: 260306
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.4
 88 16.2 0.0 34.2

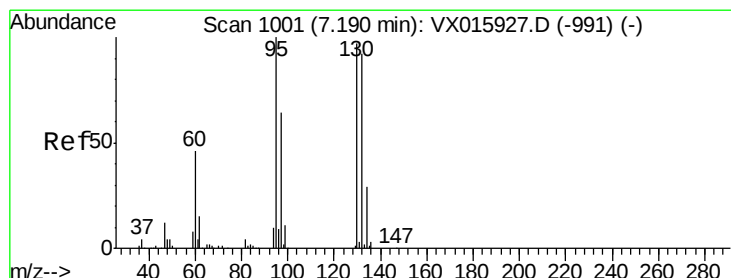
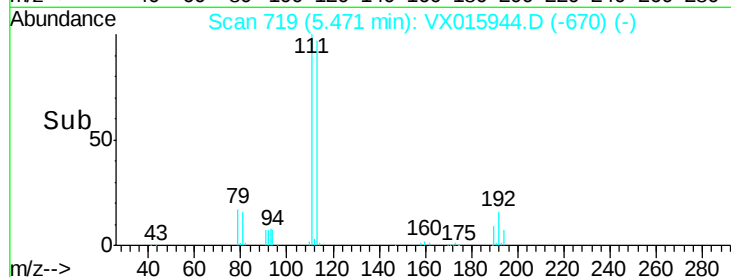
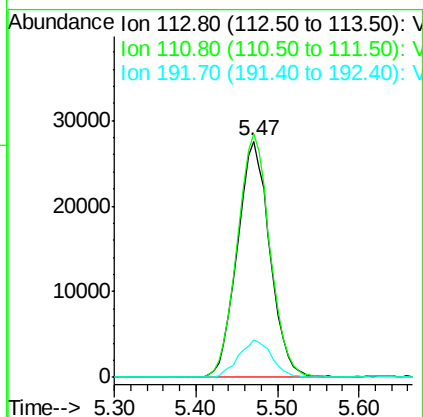
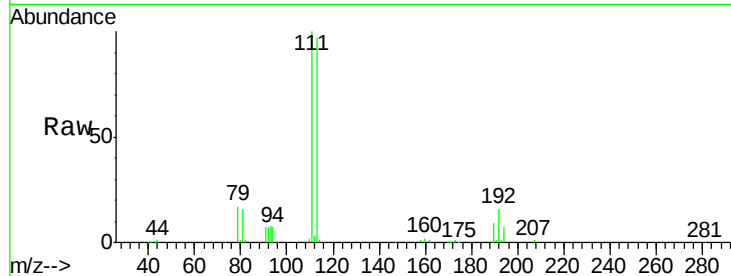




#35
 Dibromofluoromethane
 Concen: 53.829 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX015944.D
 Acq: 24 Apr 2020 20:29

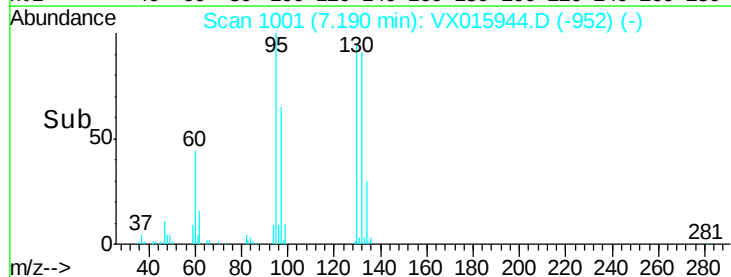
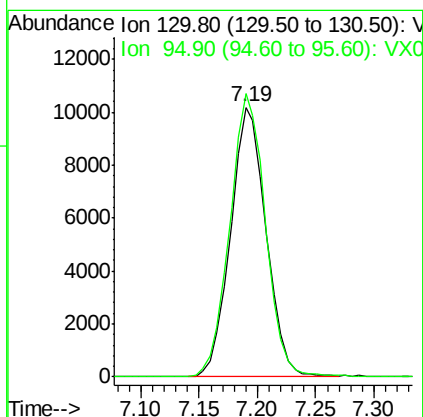
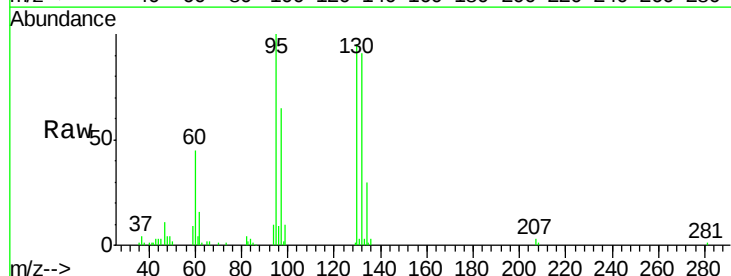
Instrument :
 MSVOA_X
 ClientSampleId :
 ST006MW184-200422

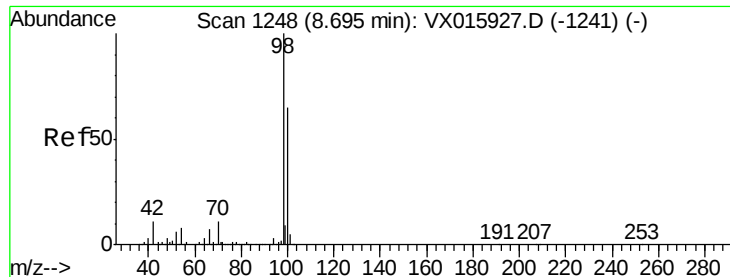
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.2	121.8
192	16.2	13.6	20.4



#44
 Trichloroethene
 Concen: 9.634 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015944.D
 Acq: 24 Apr 2020 20:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	205.2





#50

Toluene-d8

Concen: 54.176 ug/l

RT: 8.70 min Scan# 1249

Delta R.T. 0.01 min

Lab File: VX015944.D

Acq: 24 Apr 2020 20:29

Instrument :

MSVOA_X

ClientSampleId :

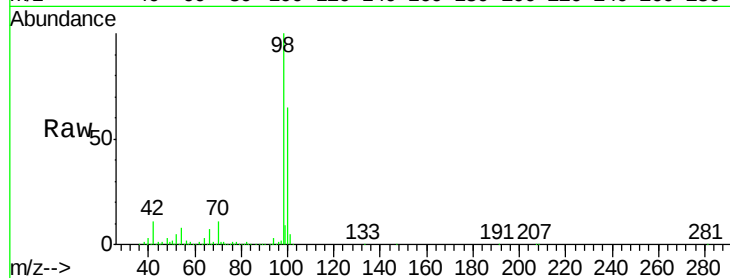
ST006MW184-200422

Tot Ion: 98 Resp: 325621

Ion Ratio Lower Upper

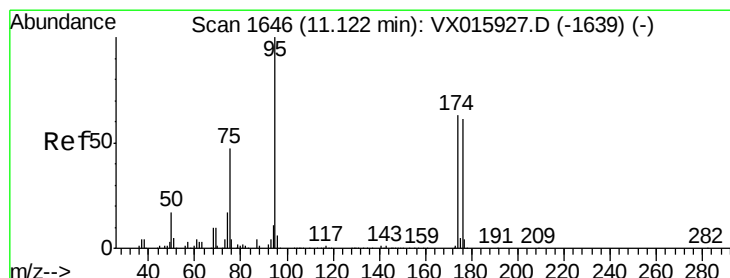
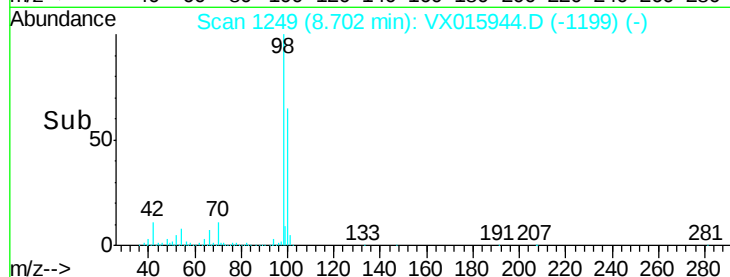
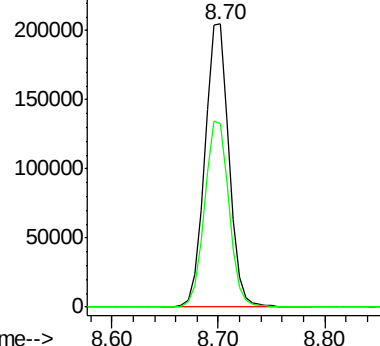
98 100

100 66.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 55.852 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015944.D

Acq: 24 Apr 2020 20:29

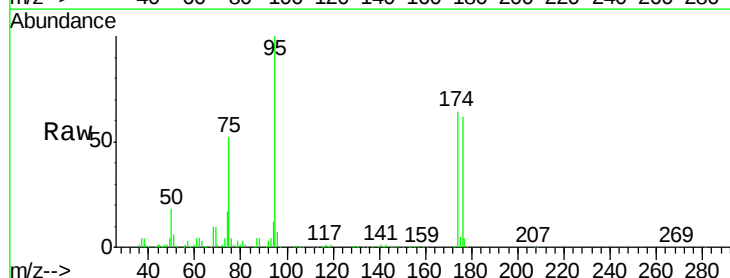
Tgt Ion: 95 Resp: 136159

Ion Ratio Lower Upper

95 100

174 65.4 0.0 133.6

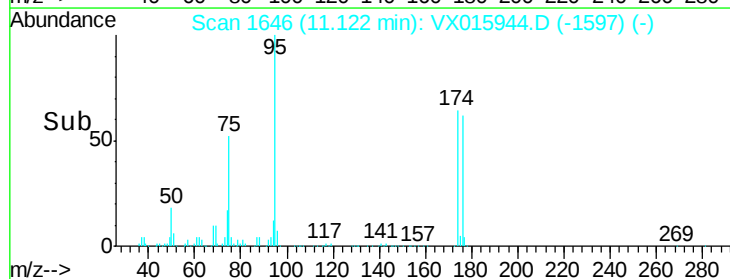
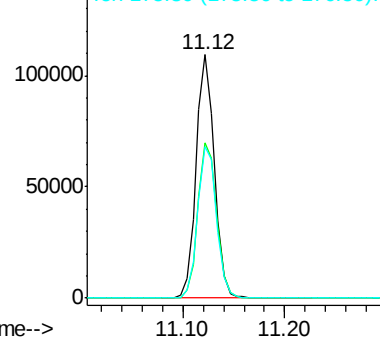
176 63.8 0.0 126.0

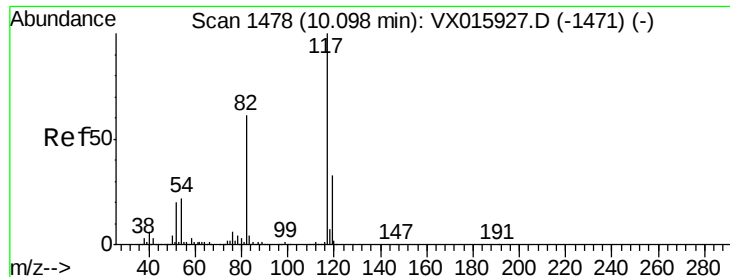


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

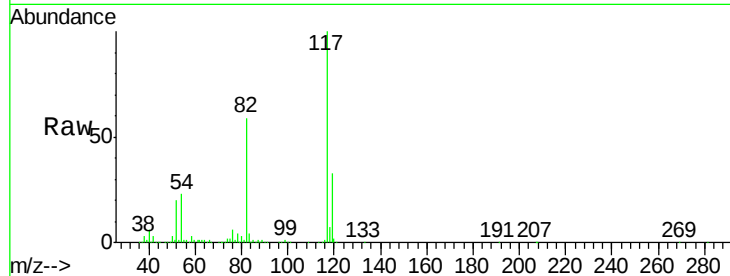




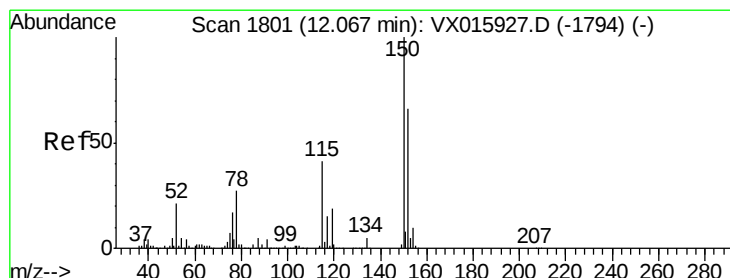
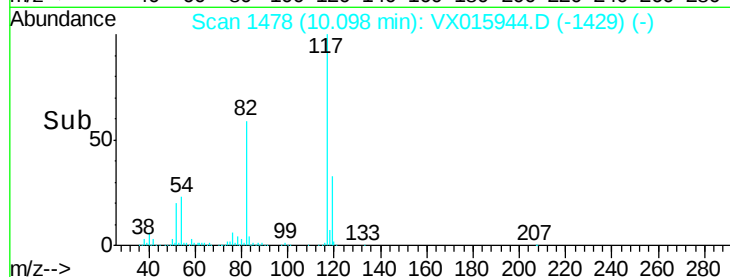
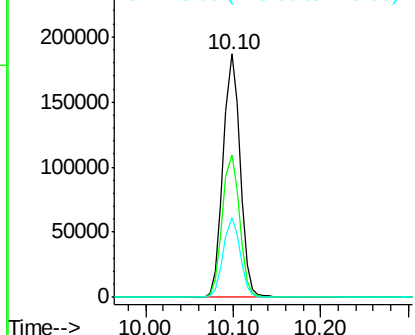
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015944.D
Acq: 24 Apr 2020 20:29

Instrument :
MSVOA_X
ClientSampleId :
ST006MW184-200422

Tot Ion:117 Resp: 251734
Ion Ratio Lower Upper
117 100
82 58.6 48.5 72.7
119 32.5 26.2 39.4

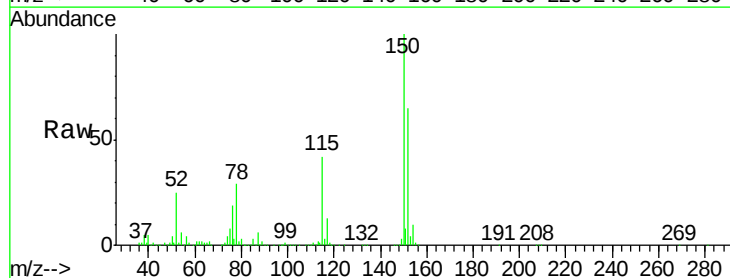


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.01 min
Lab File: VX015944.D
Acq: 24 Apr 2020 20:29

Tgt Ion:152 Resp: 125133
Ion Ratio Lower Upper
152 100
115 63.7 44.1 132.4
150 156.0 0.0 343.6



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

