

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061220\
 Data File : VX016732.D
 Acq On : 12 Jun 2020 16:41
 Operator : JC/SP
 Sample : L3004-06 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 13 05:48:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

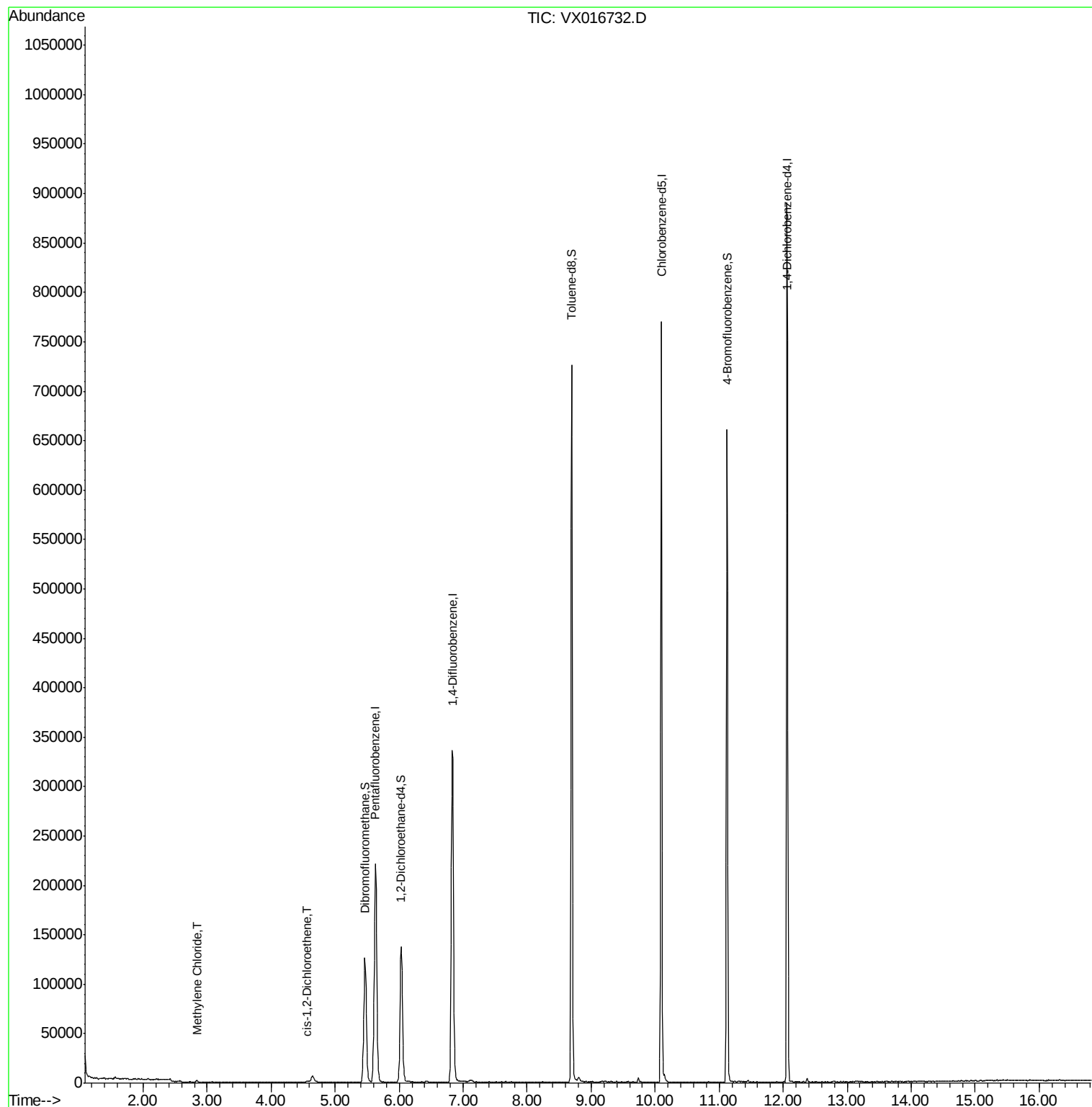
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	220373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	351011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	353411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186204	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	134049	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
35) Dibromofluoromethane	5.46	113	109843	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	8.70	98	432455	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.12	95	173006	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
Target Compounds						
20) Methylene Chloride	2.83	84	889	0.358	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	1035	0.381	ug/l	70

(#) = 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. 0.01 min

Lab File: VX016732.D

Acq: 12 Jun 2020 16:41

Instrument :

MSVOA_X

ClientSampled :

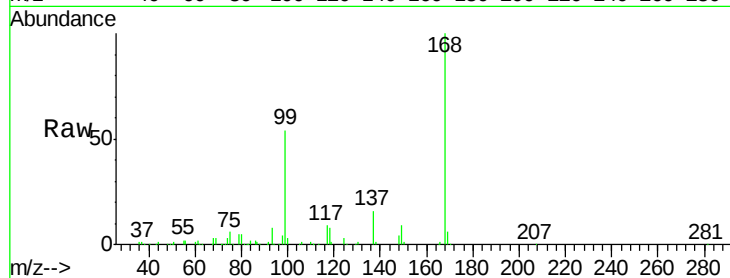
IBLK

Tgt Ion:168 Resp: 220373

Ion Ratio Lower Upper

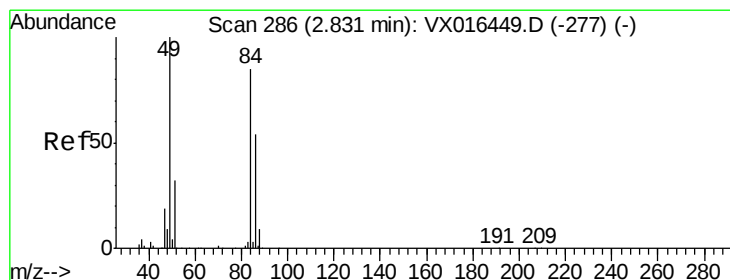
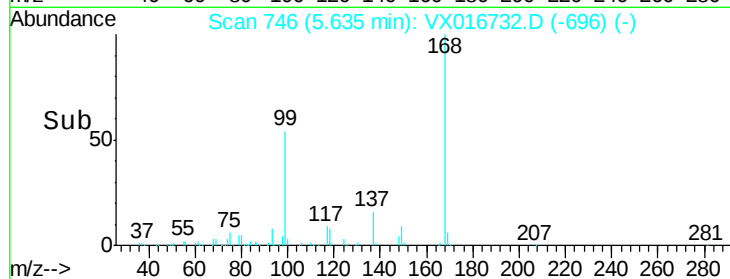
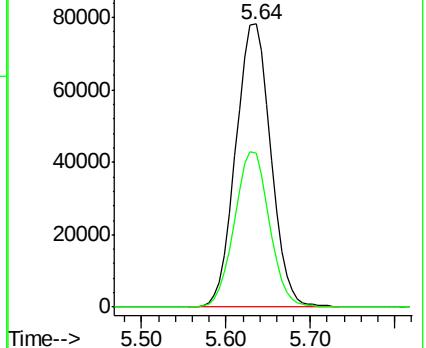
168 100

99 54.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 0.358 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX016732.D

Acq: 12 Jun 2020 16:41

Tgt Ion: 84 Resp: 889

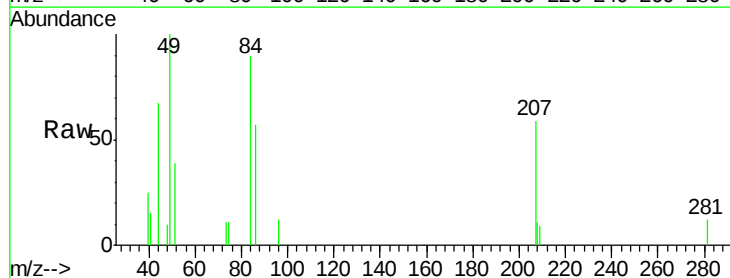
Ion Ratio Lower Upper

84 100

49 111.7 94.5 141.7

51 43.3 30.2 45.4

86 63.4 51.1 76.7

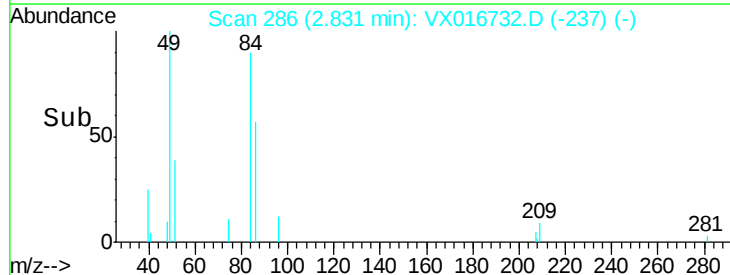
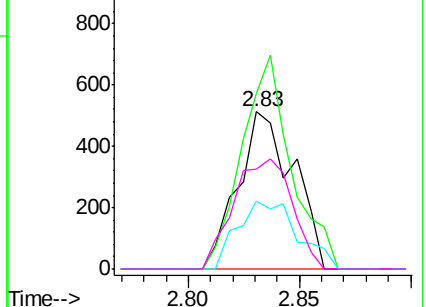


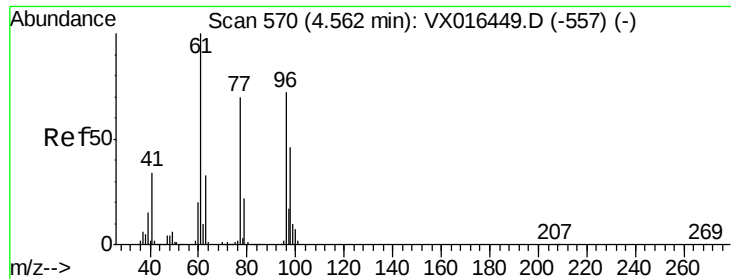
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



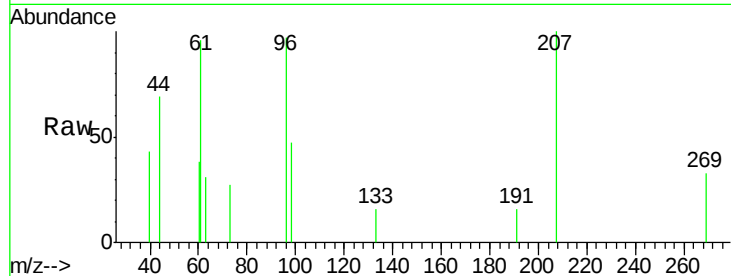


#27

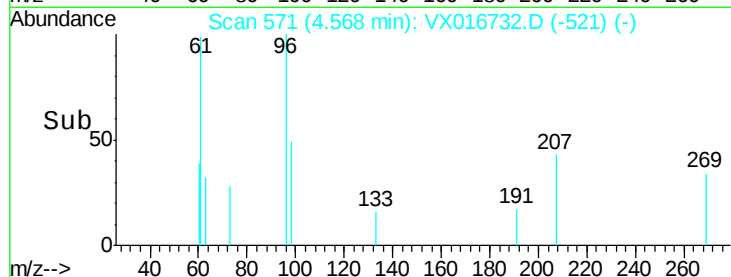
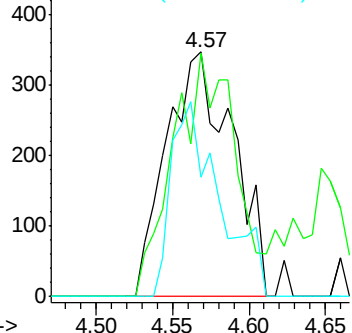
cis-1,2-Dichloroethene
Concen: 0.381 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016732.D
Acq: 12 Jun 2020 16:41

Instrument :
MSVOA_X
ClientSampled :
IBLK

Tgt Ion: 96 Resp: 1035
Ion Ratio Lower Upper
96 100
61 93.3 0.0 284.6
98 58.5 0.0 127.2



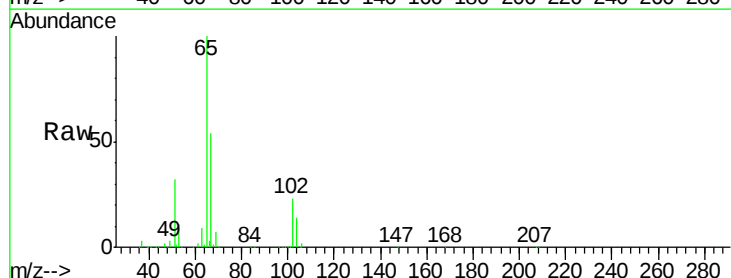
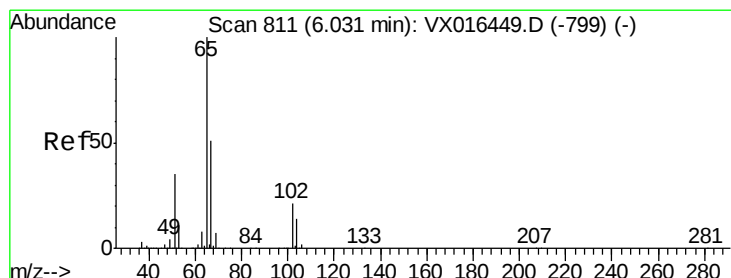
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



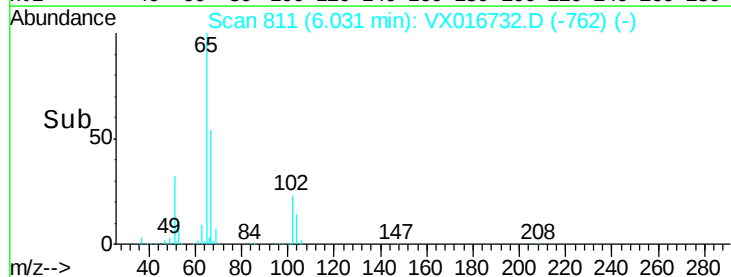
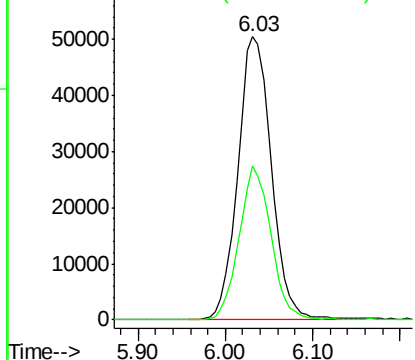
#33

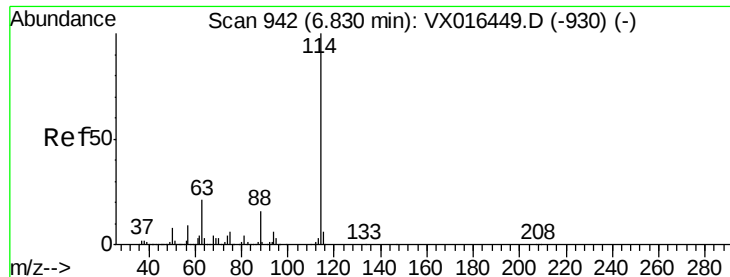
1,2-Dichloroethane-d4
Concen: 48.981 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016732.D
Acq: 12 Jun 2020 16:41

Tgt Ion: 65 Resp: 134049
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016732.D

Acq: 12 Jun 2020 16:41

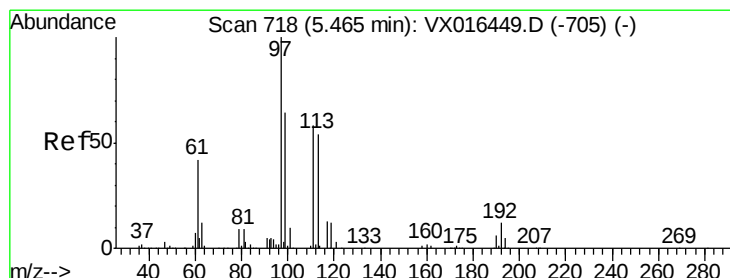
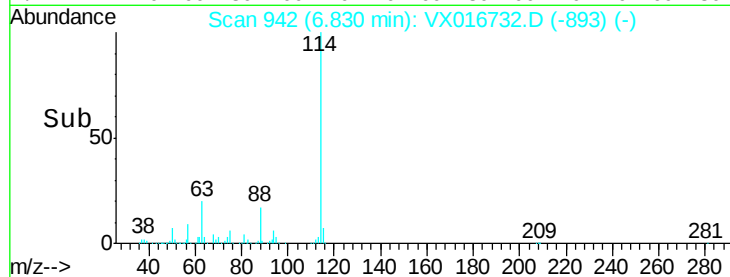
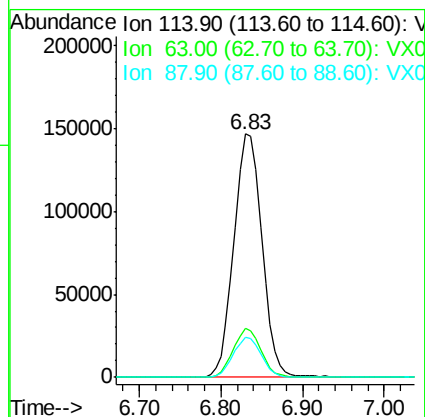
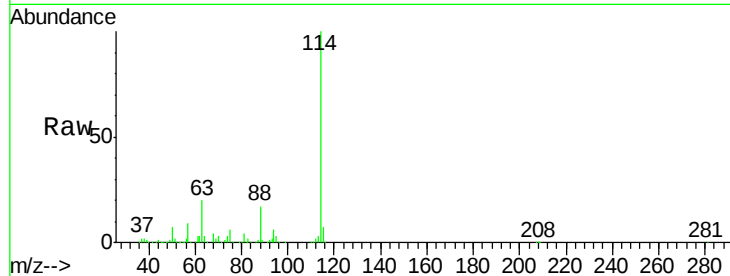
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	114	Resp:	351011
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.6
88	16.5	0.0	32.8



#35

Dibromofluoromethane

Concen: 50.822 ug/l

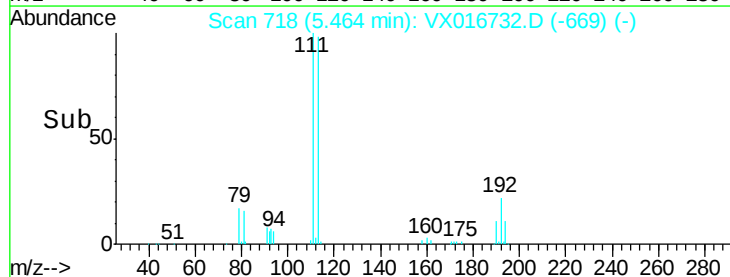
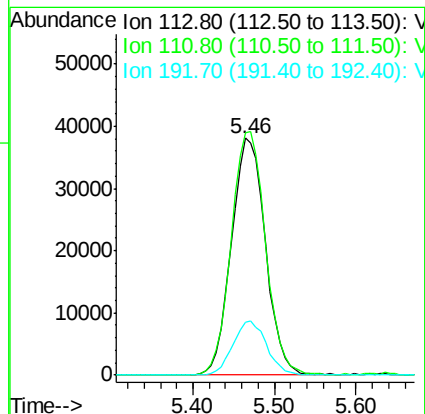
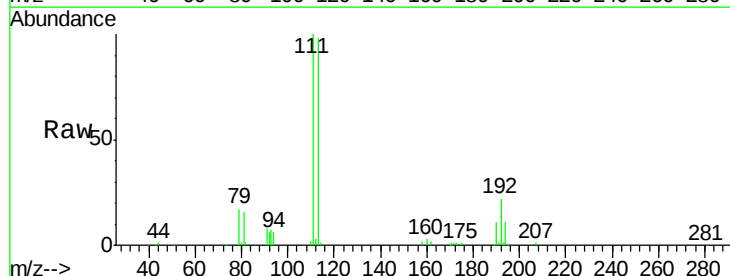
RT: 5.46 min Scan# 718

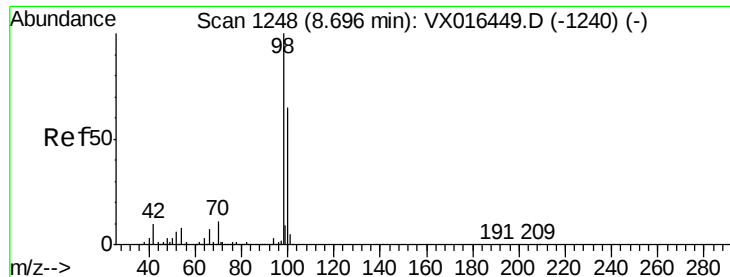
Delta R.T. -0.00 min

Lab File: VX016732.D

Acq: 12 Jun 2020 16:41

Tgt Ion:	113	Resp:	109843
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.0	124.6
192	22.7	17.7	26.5





#50

Toluene-d8

Concen: 51.407 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016732.D

Acq: 12 Jun 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

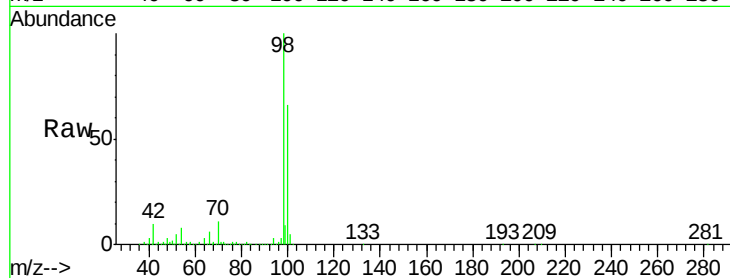
IBLK

Tgt Ion: 98 Resp: 432455

Ion Ratio Lower Upper

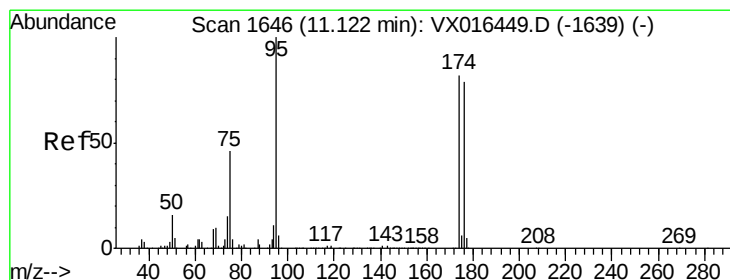
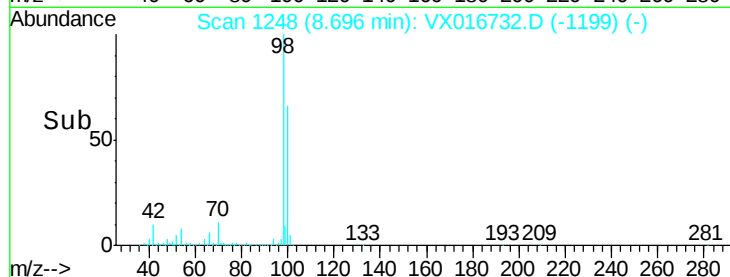
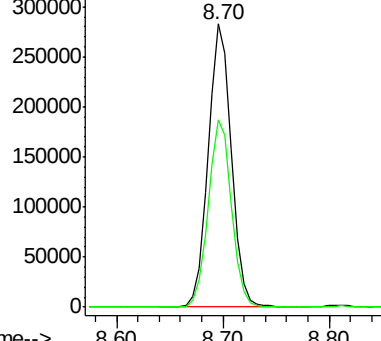
98 100

100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 53.224 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016732.D

Acq: 12 Jun 2020 16:41

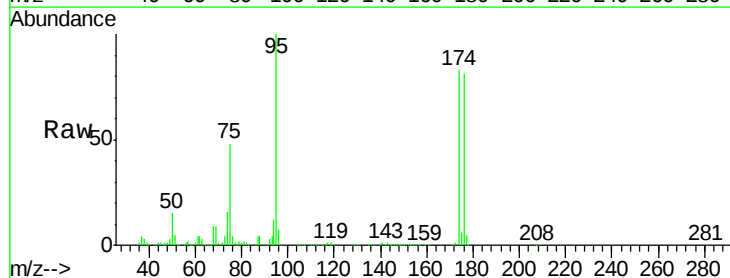
Tgt Ion: 95 Resp: 173006

Ion Ratio Lower Upper

95 100

174 86.5 0.0 163.0

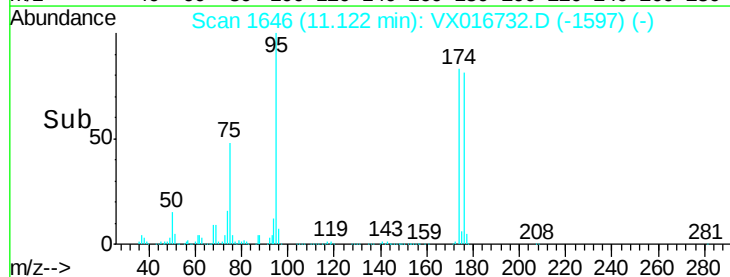
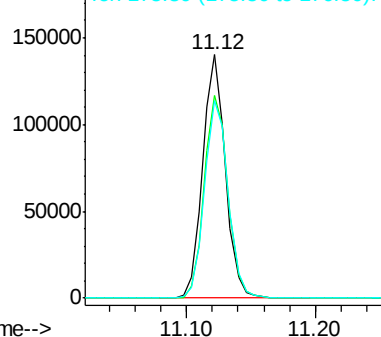
176 84.2 0.0 156.8

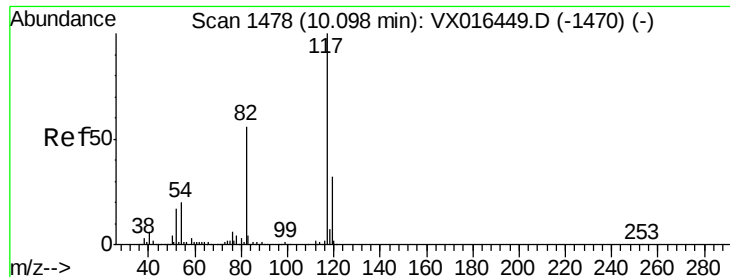


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

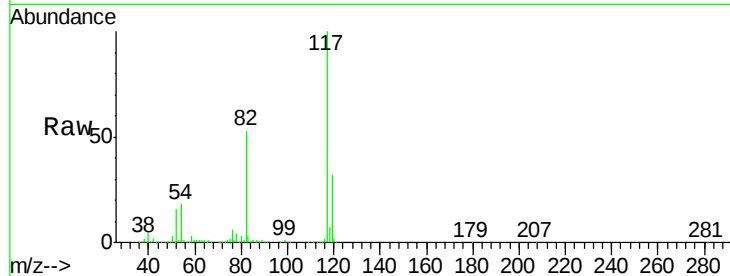




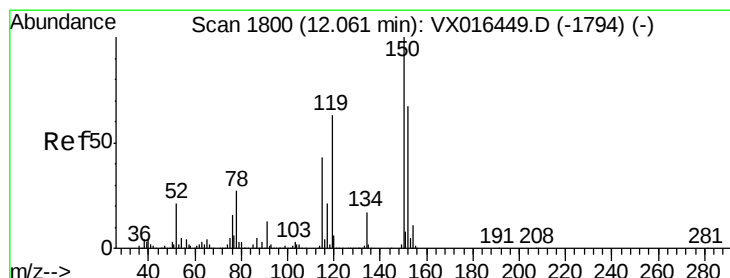
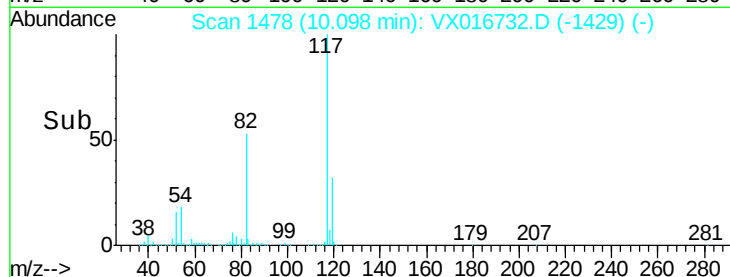
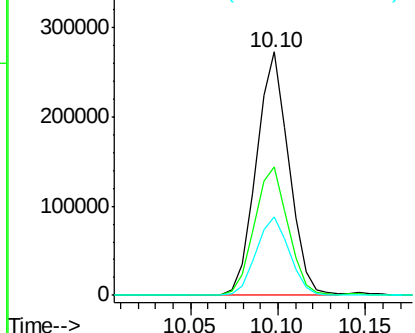
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016732.D
Acq: 12 Jun 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 353411
Ion Ratio Lower Upper
117 100
82 52.6 45.0 67.6
119 32.2 25.8 38.8

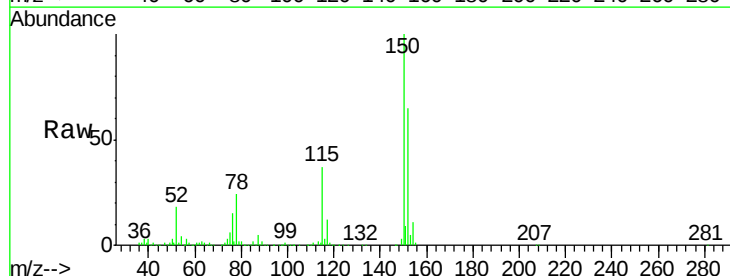


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016732.D
Acq: 12 Jun 2020 16:41

Tgt Ion:152 Resp: 186204
Ion Ratio Lower Upper
152 100
115 58.1 39.9 119.6
150 156.7 0.0 341.0



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

