

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016540.D
 Acq On : 01 Jun 2020 19:31
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jun 02 03:36:31 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

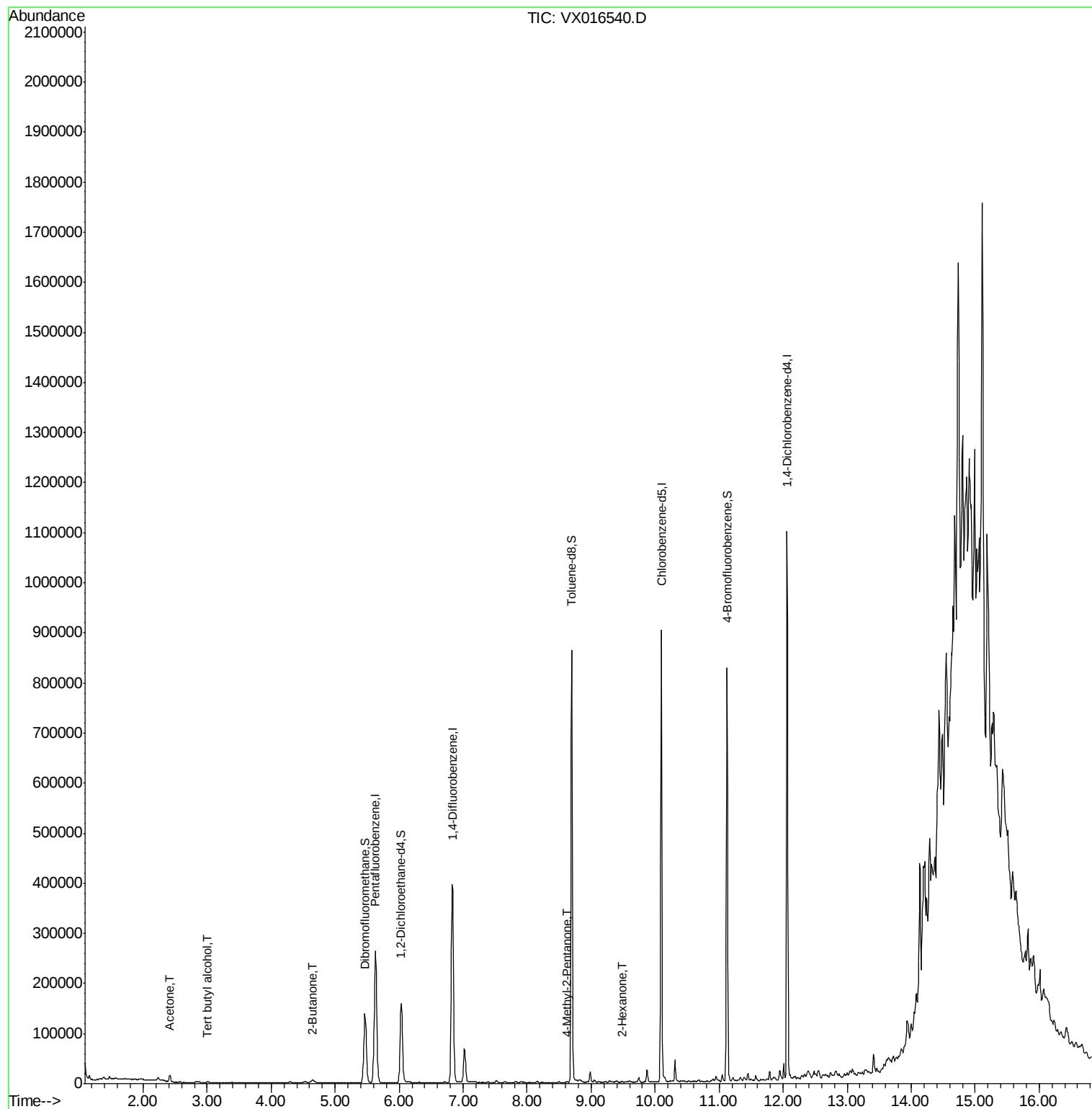
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	411946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	151015	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
35) Dibromofluoromethane	5.46	113	121174	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
50) Toluene-d8	8.70	98	510726	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	11.12	95	216601	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.00	59	1830	2.259	ug/l #	72
16) Acetone	2.42	43	15901	11.489	ug/l	93
25) 2-Butanone	4.65	43	3501	1.493	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	1383	0.304	ug/l	94
59) 2-Hexanone	9.48	43	1013	0.286	ug/l	86

(#) = 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# 745

Delta R.T. -0.00 min

Lab File: VX016540.D

Acq: 01 Jun 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

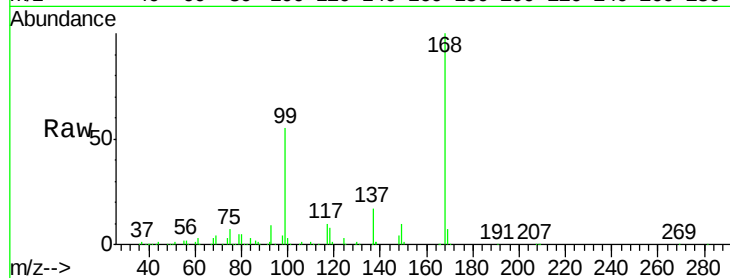
IBLK

Tot Ion:168 Resp: 254382

Ion Ratio Lower Upper

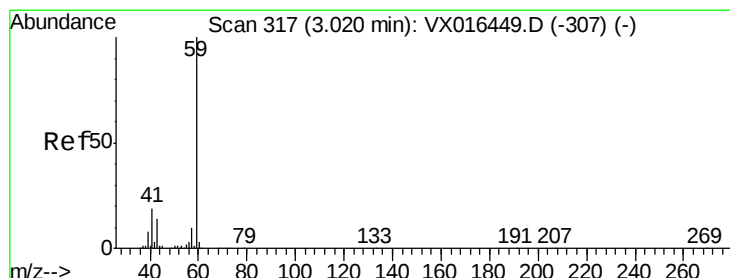
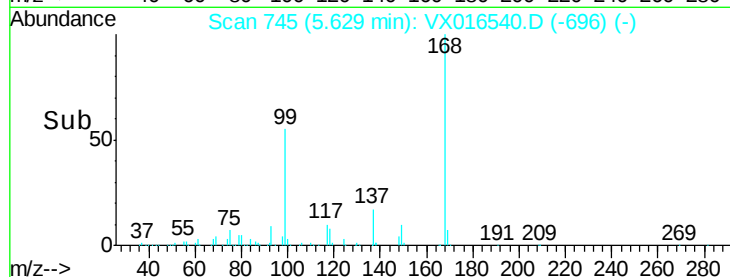
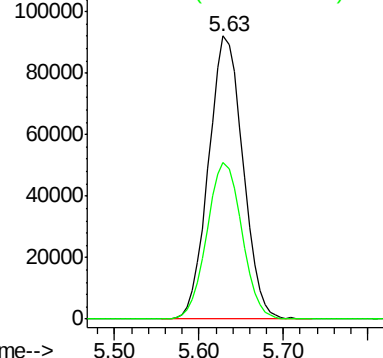
168 100

99 55.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 2.259 ug/l

RT: 3.00 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX016540.D

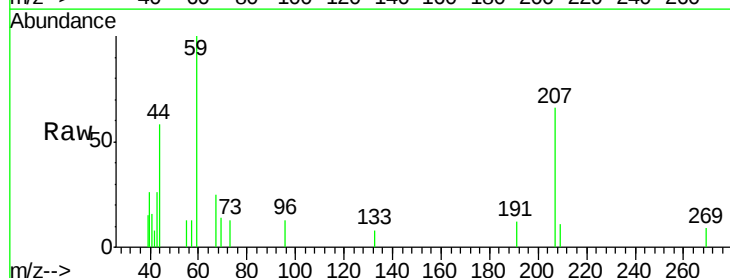
Acq: 01 Jun 2020 19:31

Tgt Ion: 59 Resp: 1830

Ion Ratio Lower Upper

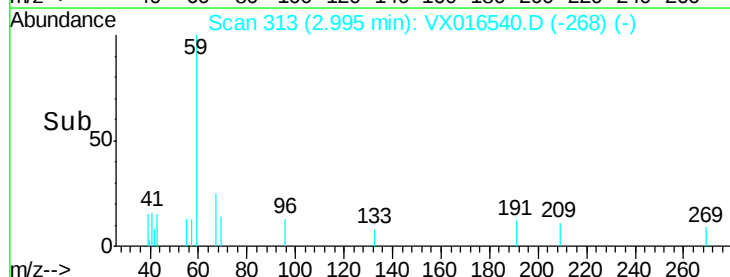
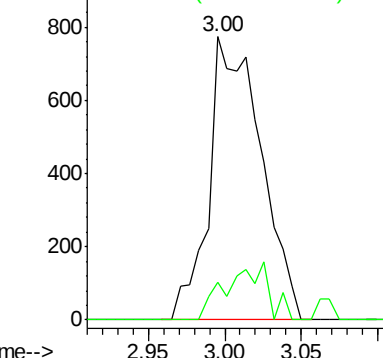
59 100

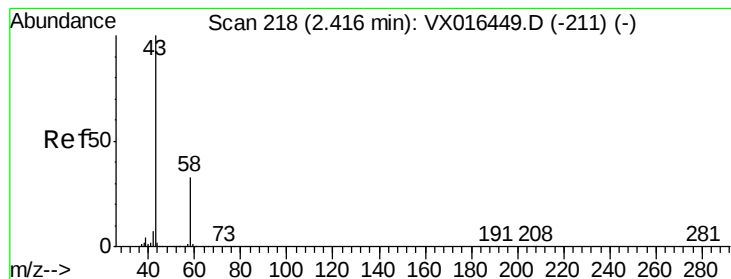
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 11.489 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016540.D

Acq: 01 Jun 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

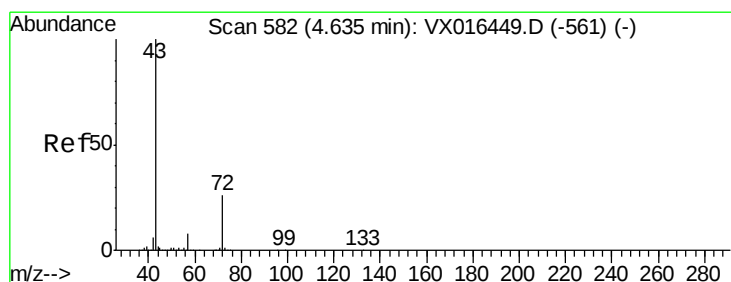
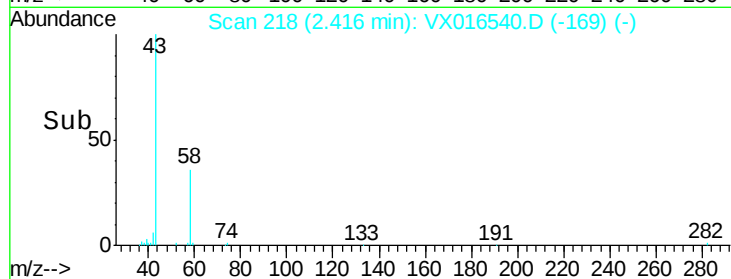
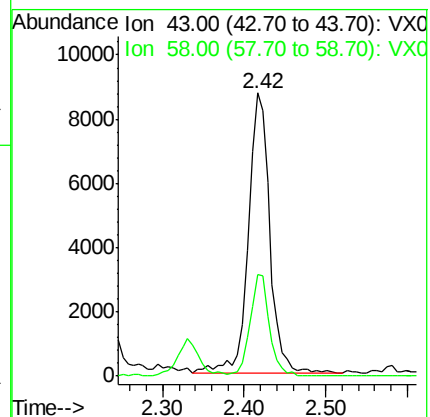
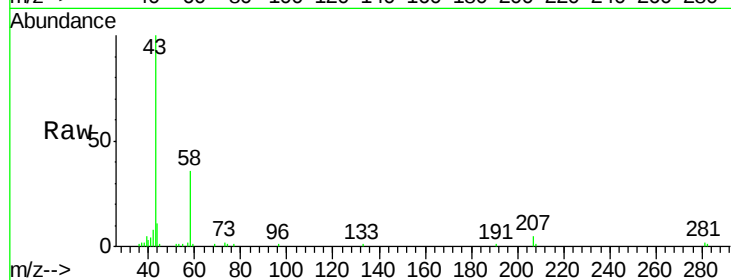
IBLK

Tot Ion: 43 Resp: 15901

Ion Ratio Lower Upper

43 100

58 36.5 26.1 39.1



#25

2-Butanone

Concen: 1.493 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016540.D

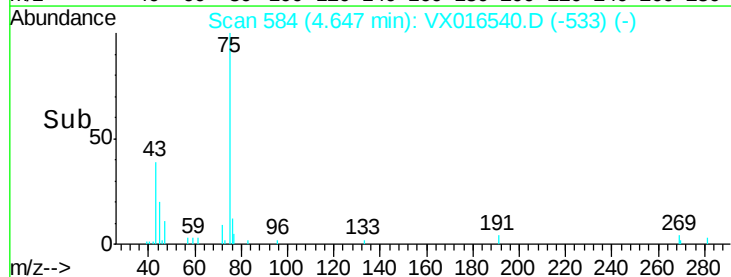
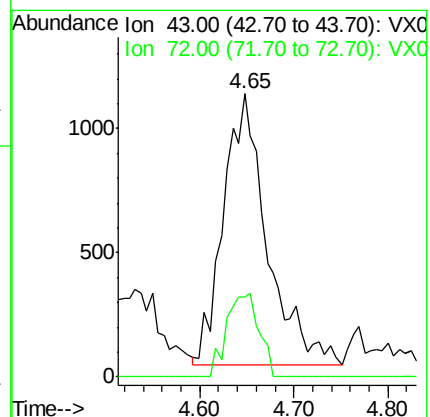
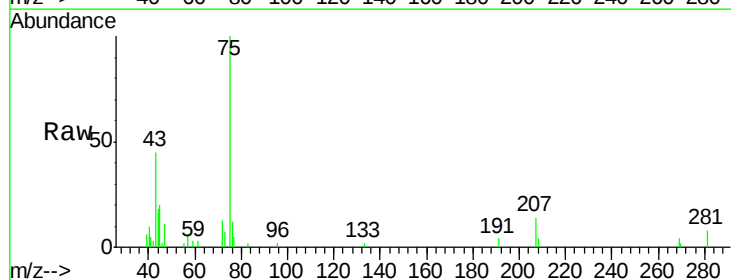
Acq: 01 Jun 2020 19:31

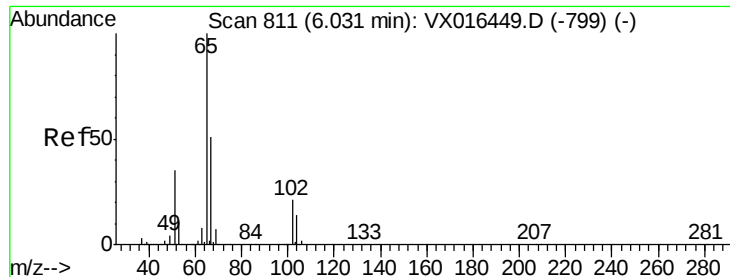
Tgt Ion: 43 Resp: 3501

Ion Ratio Lower Upper

43 100

72 29.8 21.0 31.6

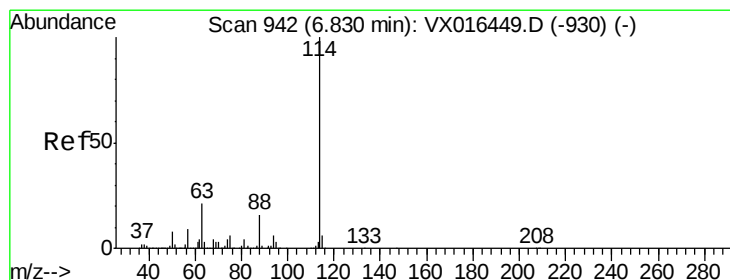
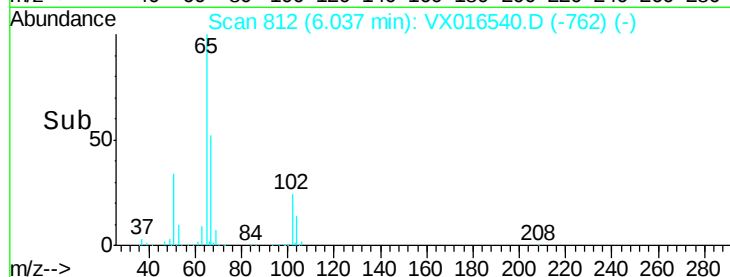
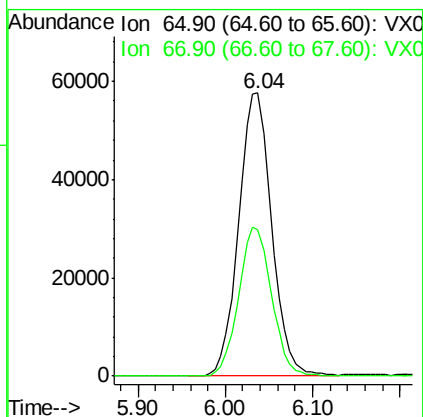
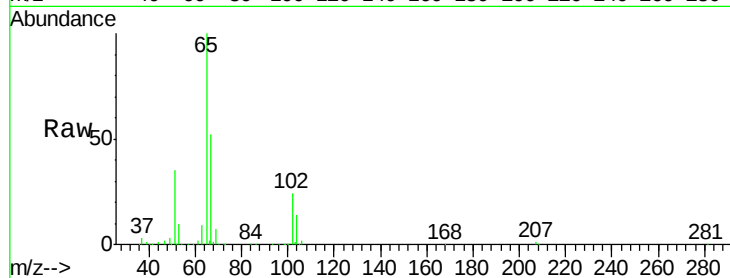




#33
 1,2-Dichloroethane-d4
 Concen: 47.803 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016540.D
 Acq: 01 Jun 2020 19:31

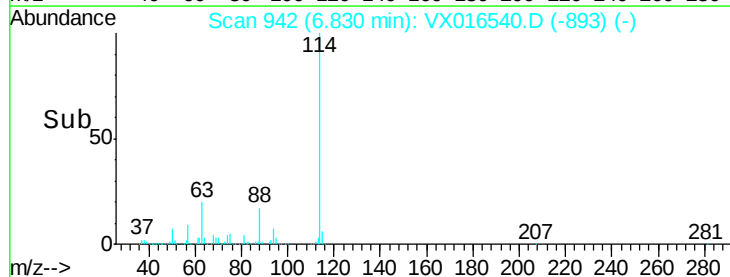
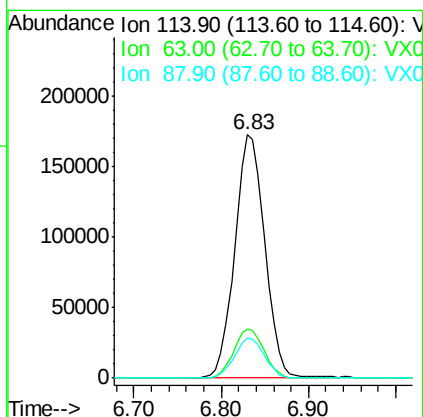
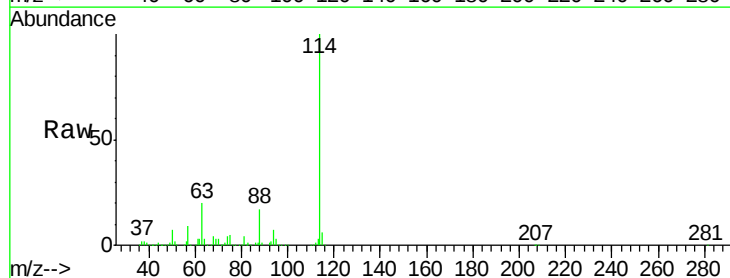
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

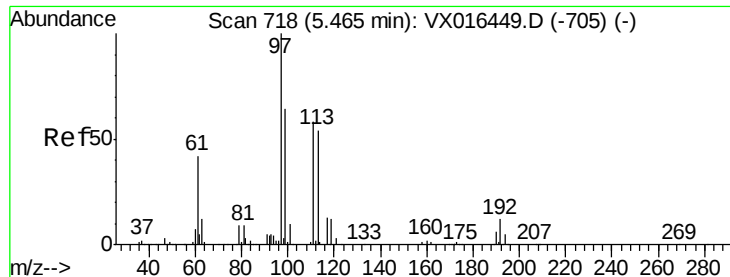
Tot Ion: 65 Resp: 151015
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016540.D
 Acq: 01 Jun 2020 19:31

Tgt Ion: 114 Resp: 411946
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 42.6
 88 16.6 0.0 32.8

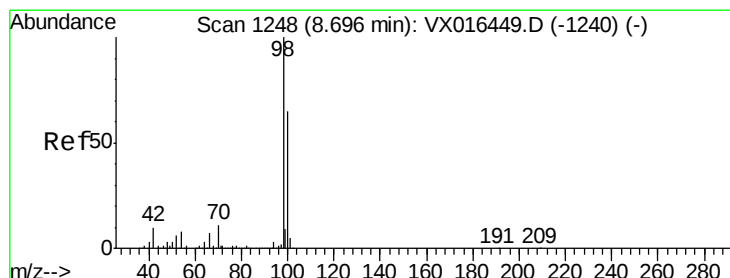
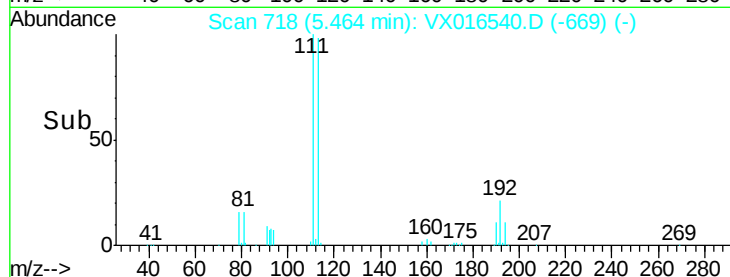
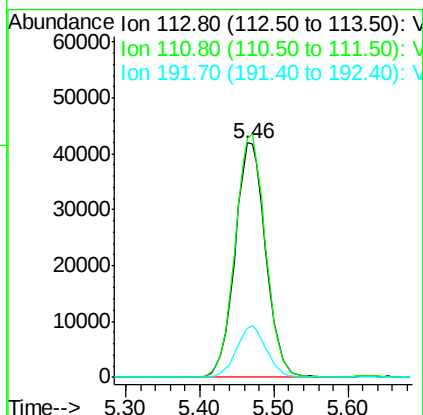
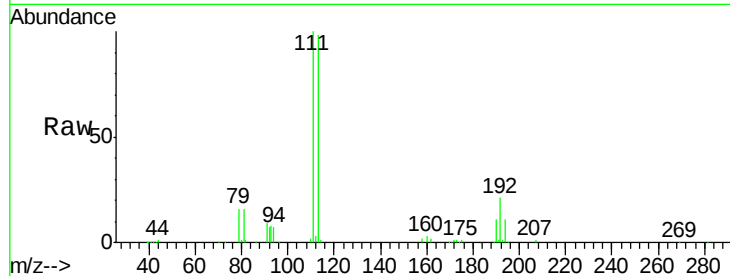




#35
Dibromofluoromethane
Concen: 47.771 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

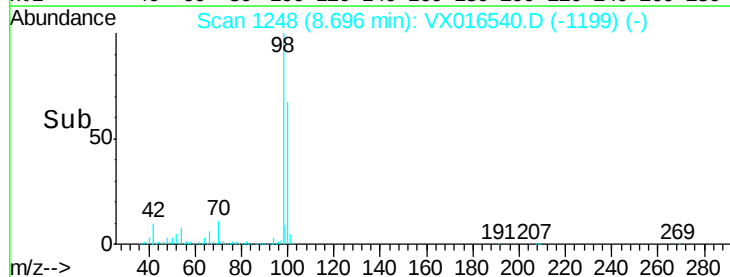
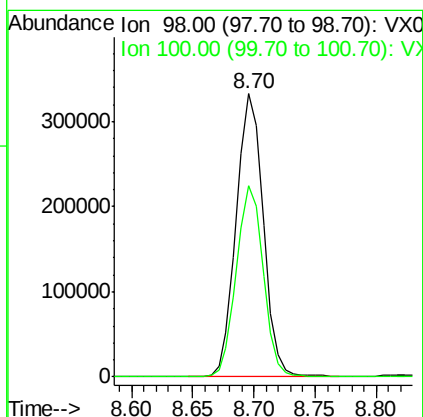
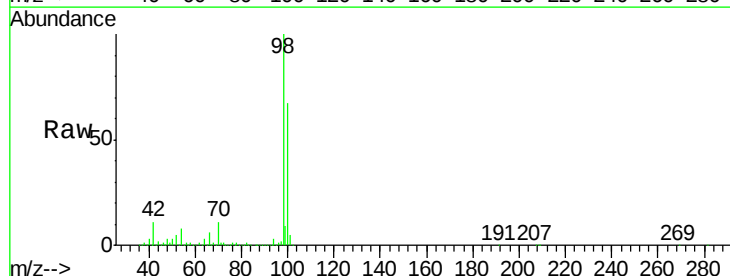
Instrument :
MSVOA_X
ClientSampled :
IBLK

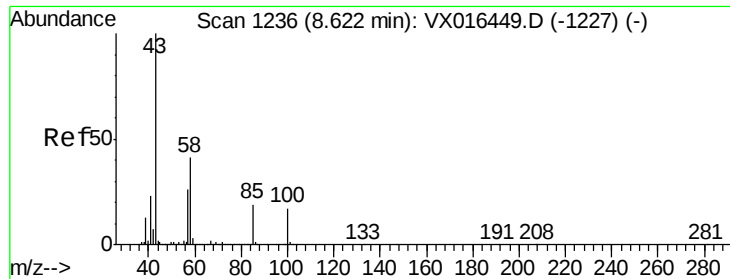
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.0	124.6
192	21.5	17.7	26.5



#50
Toluene-d8
Concen: 51.731 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 0.304 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016540.D

Acq: 01 Jun 2020 19:31

Instrument :

MSVOA_X

ClientSampled :

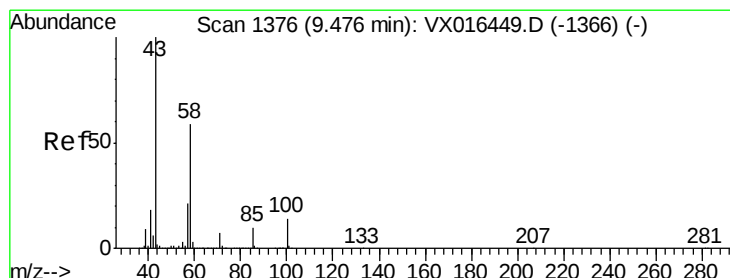
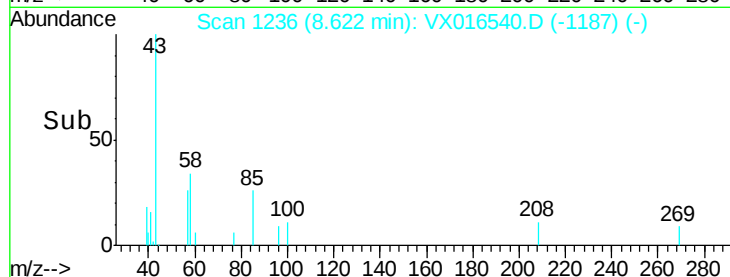
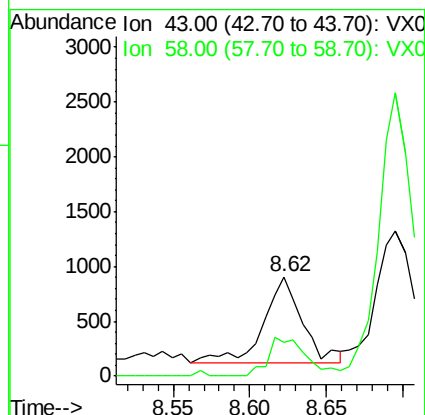
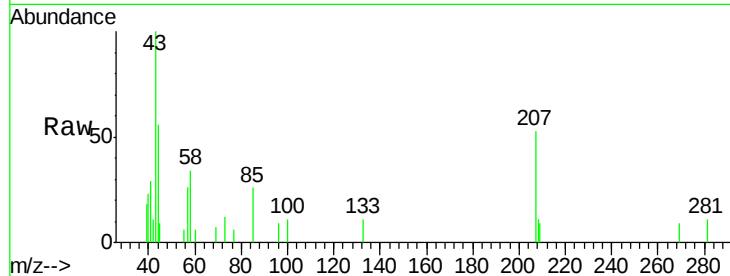
IBLK

Tot Ion: 43 Resp: 1383

Ion Ratio Lower Upper

43 100

58 45.2 33.0 49.6



#59

2-Hexanone

Concen: 0.286 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016540.D

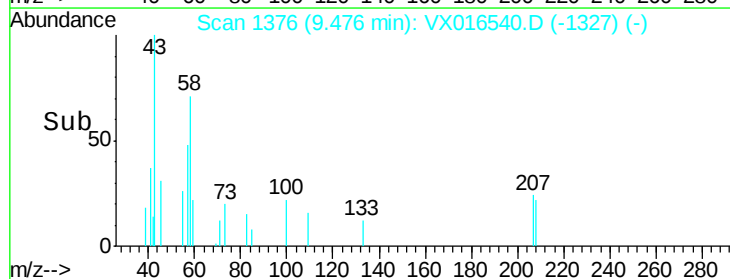
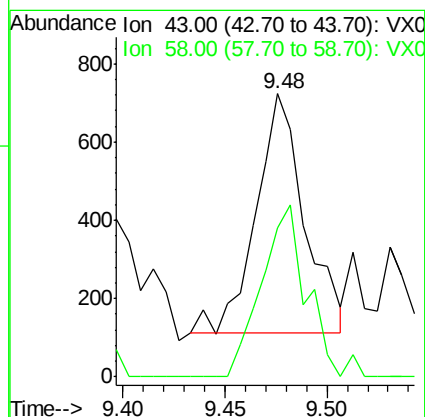
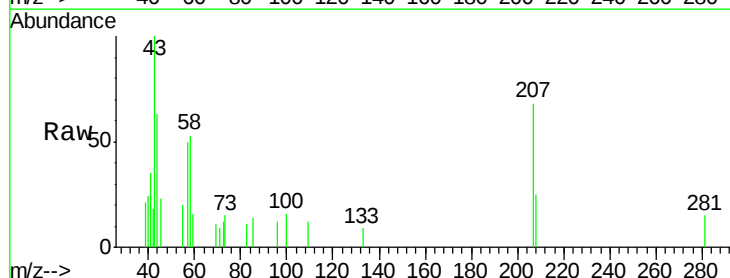
Acq: 01 Jun 2020 19:31

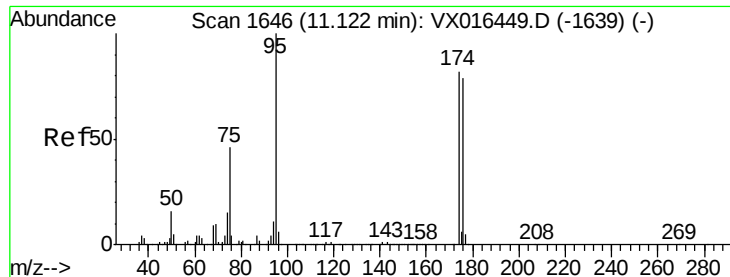
Tgt Ion: 43 Resp: 1013

Ion Ratio Lower Upper

43 100

58 67.6 28.8 86.4

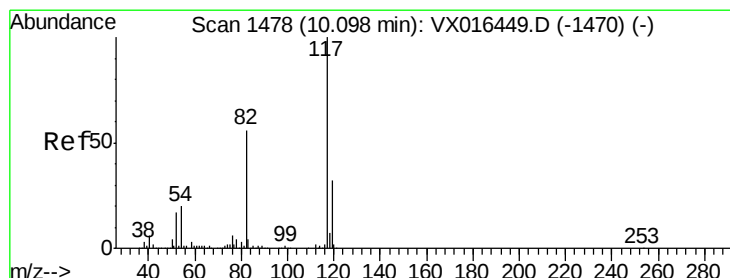
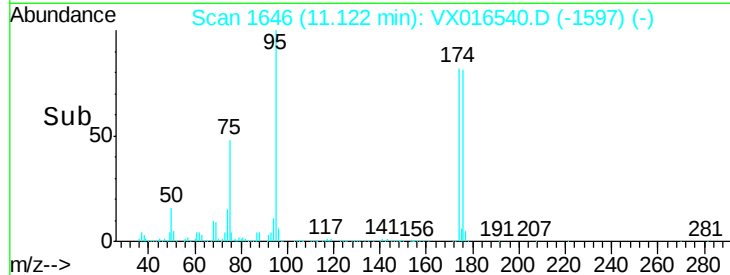
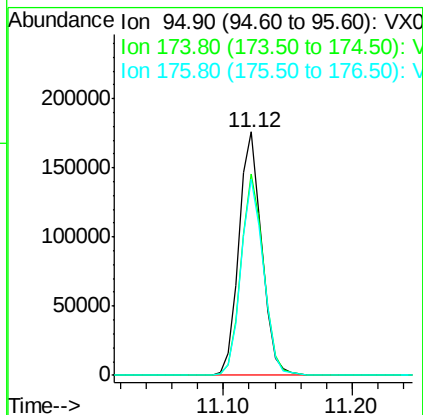
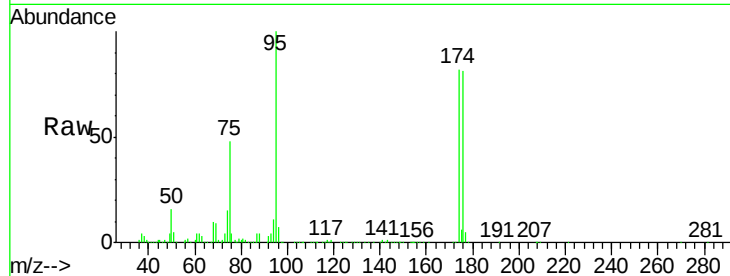




#62
4-Bromofluorobenzene
Concen: 56.779 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

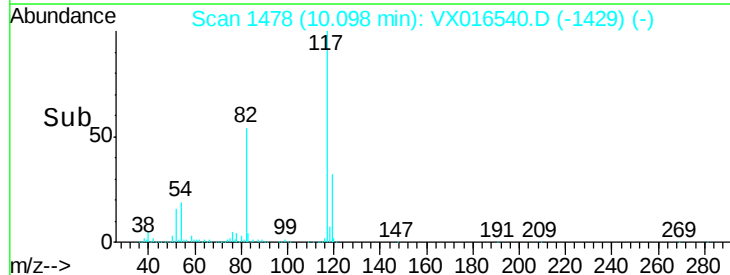
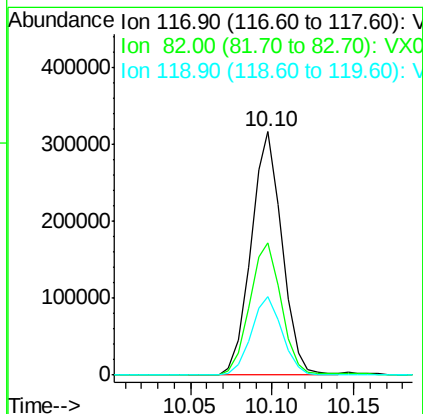
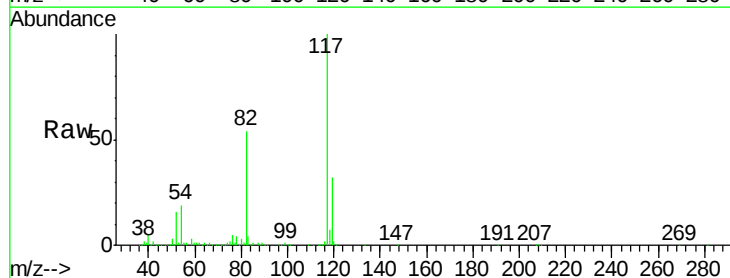
Instrument :
MSVOA_X
ClientSampleId :
IBLK

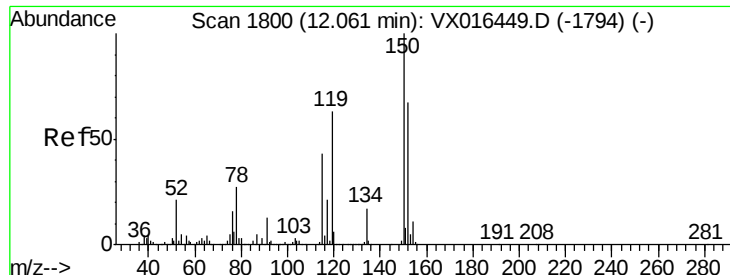
Tot Ion: 95 Resp: 216601
Ion Ratio Lower Upper
95 100
174 81.1 0.0 163.0
176 79.2 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016540.D
Acq: 01 Jun 2020 19:31

Tgt Ion: 117 Resp: 418756
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.6
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016540.D

Acq: 01 Jun 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

IBLK

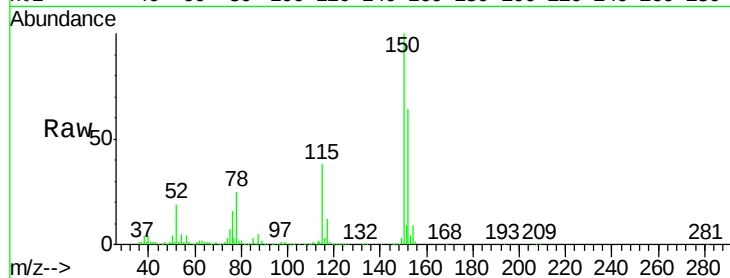
Tot Ion:152 Resp: 223893

Ion Ratio Lower Upper

152 100

115 59.3 39.9 119.6

150 157.9 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

