

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100920\
 Data File : VX018869.D
 Acq On : 09 Oct 2020 20:47
 Operator : JC/SP
 Sample : L4344-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F-4-09-18

Quant Time: Oct 10 07:09:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

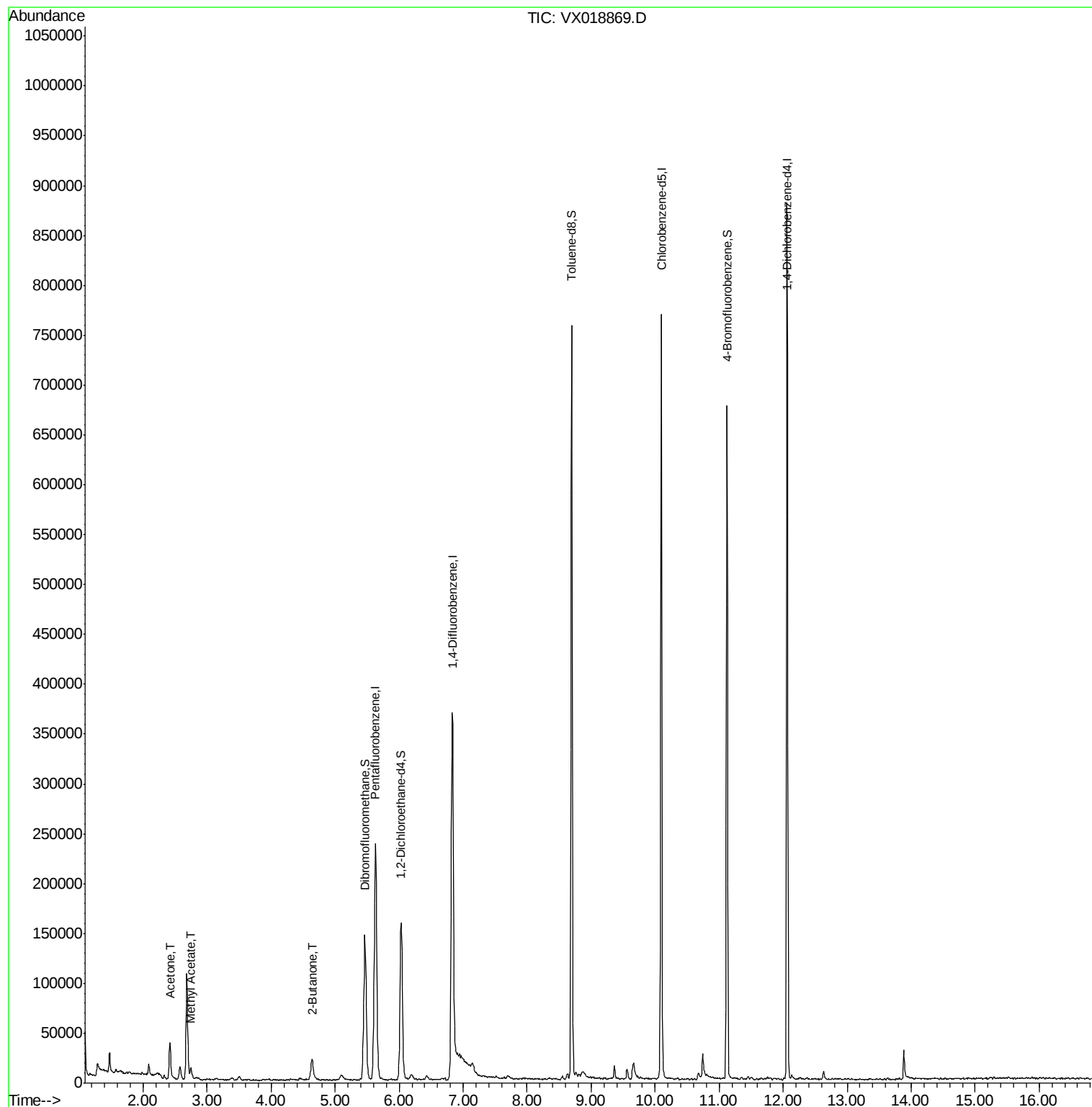
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	212348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	340502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	336154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163710	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
35) Dibromofluoromethane	5.46	113	120311	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	8.70	98	417198	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.12	95	165622	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
Target Compounds						
16) Acetone	2.42	43	40483	29.675	ug/l	98
18) Methyl Acetate	2.75	43	12867	4.942	ug/l	93
25) 2-Butanone	4.64	43	36351	21.429	ug/l	97

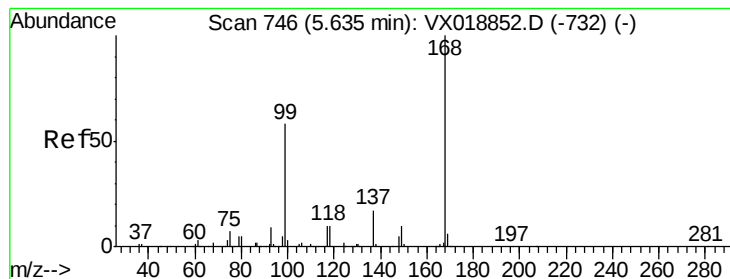
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 10 06:09:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampled :

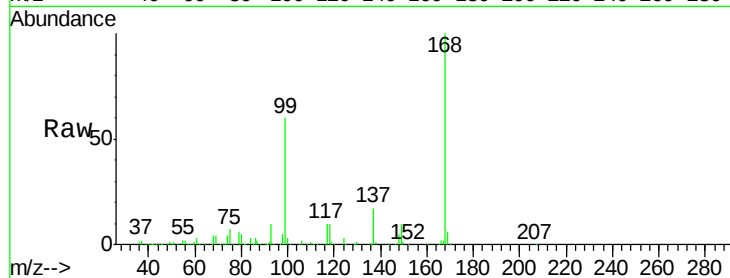
F-4-09-18

Tot Ion:168 Resp: 212348

Ion Ratio Lower Upper

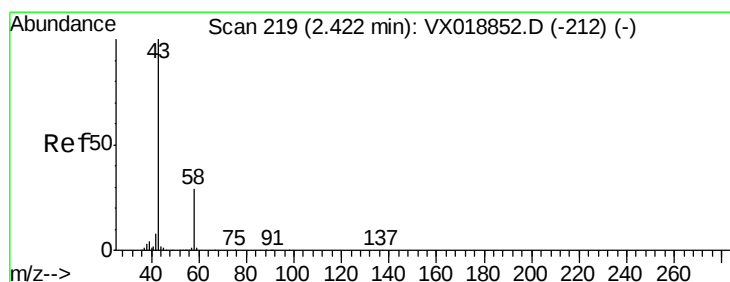
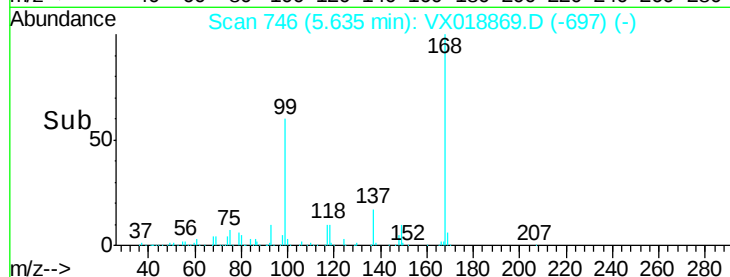
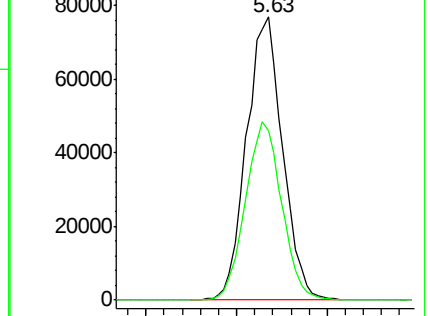
168 100

99 59.9 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 29.675 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX018869.D

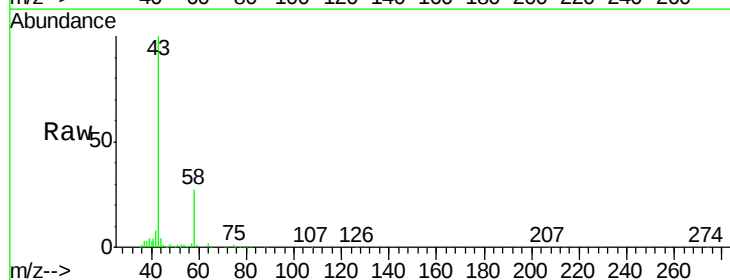
Acq: 09 Oct 2020 20:47

Tgt Ion: 43 Resp: 40483

Ion Ratio Lower Upper

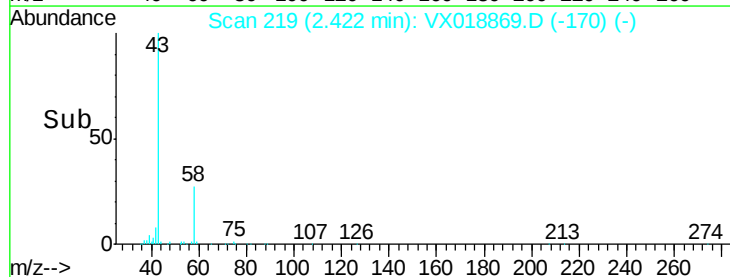
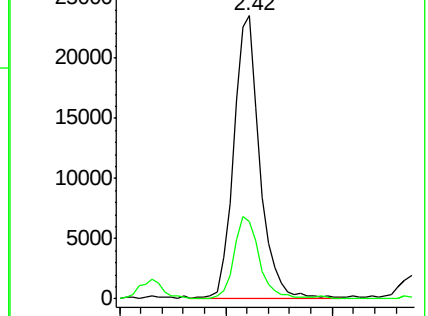
43 100

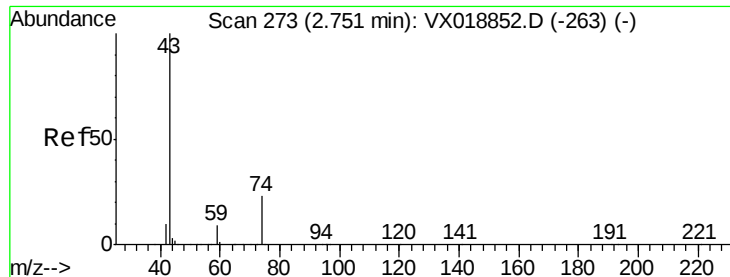
58 27.4 23.0 34.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

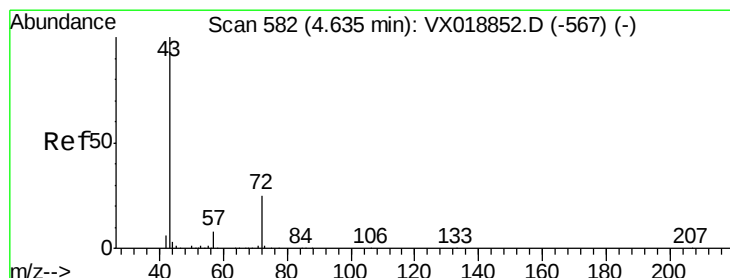
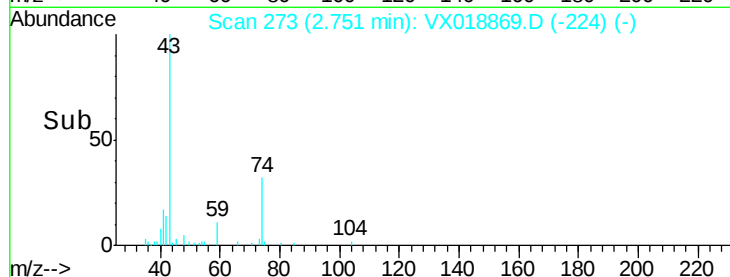
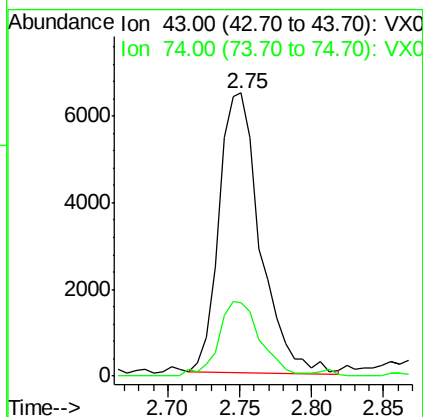
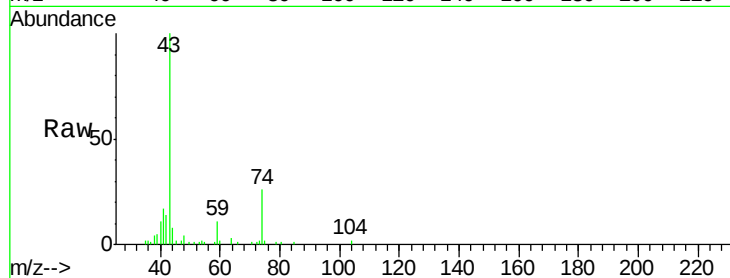




#18
Methvl Acetate
Concen: 4.942 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

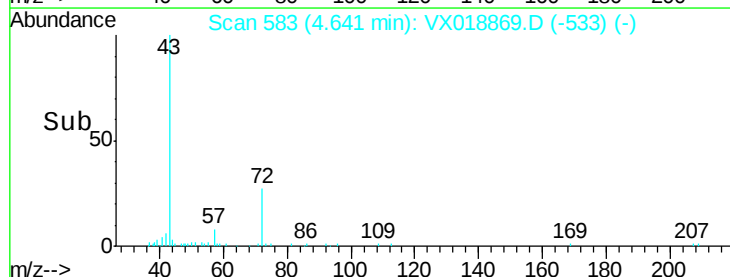
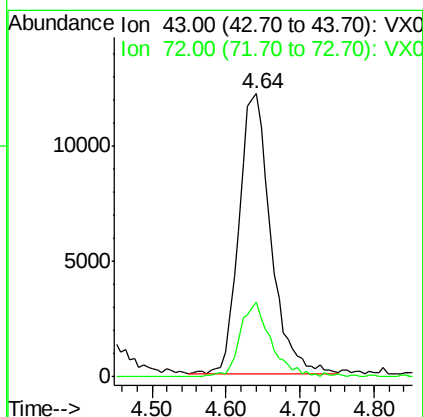
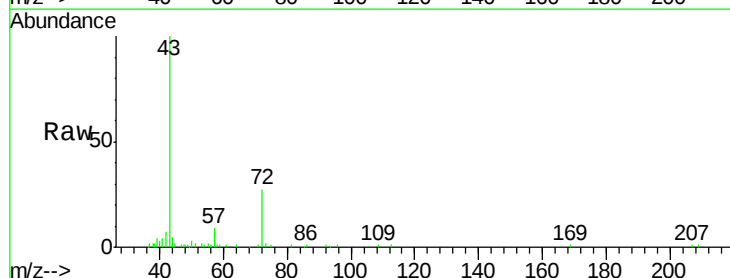
Instrument :
MSVOA_X
ClientSampleId :
F-4-09-18

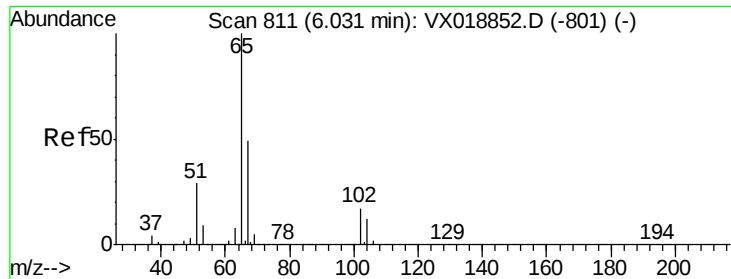
Tot Ion: 43 Resp: 12867
Ion Ratio Lower Upper
43 100
74 27.1 18.9 28.3



#25
2-Butanone
Concen: 21.429 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

Tgt Ion: 43 Resp: 36351
Ion Ratio Lower Upper
43 100
72 26.8 20.2 30.4





#33

1,2-Dichloroethane-d4

Concen: 52.271 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

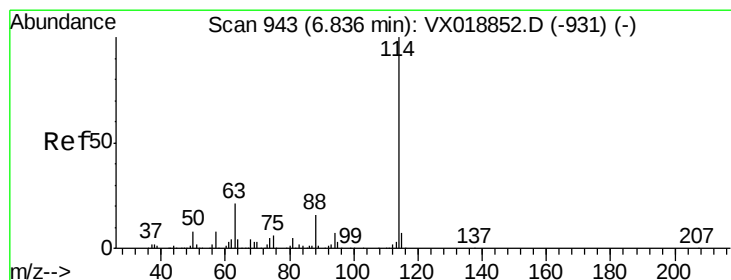
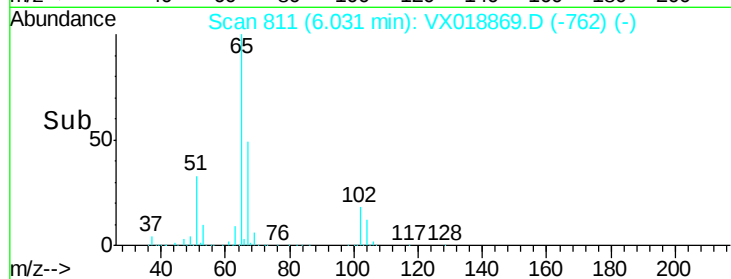
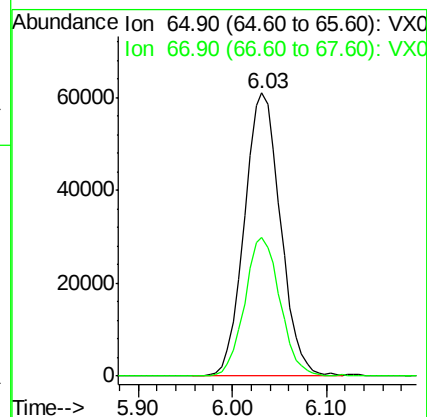
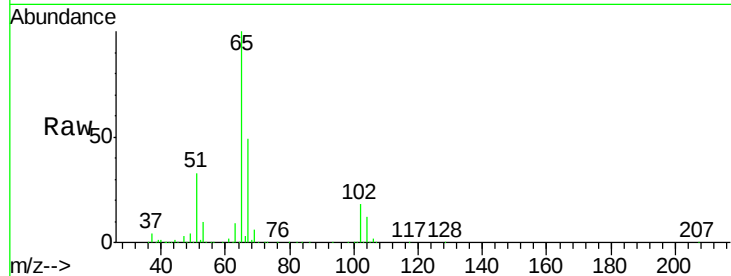
F-4-09-18

Tot Ion: 65 Resp: 163710

Ion Ratio Lower Upper

65 100

67 48.1 0.0 97.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

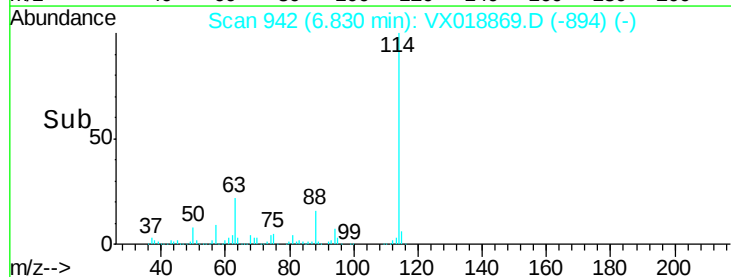
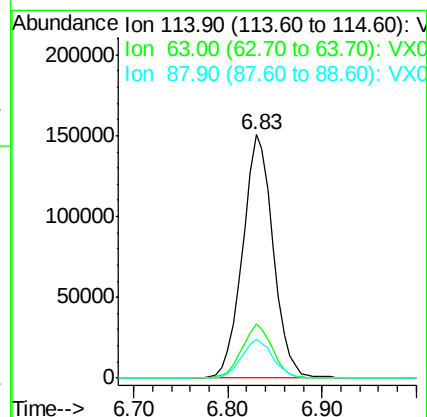
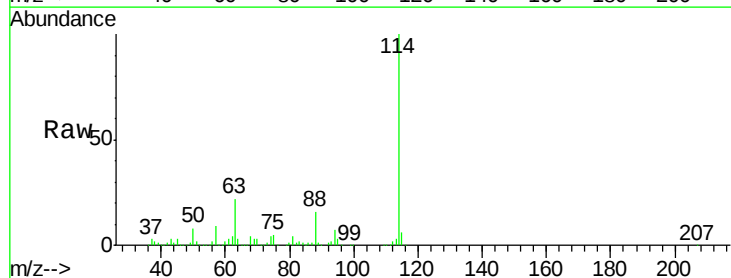
Tgt Ion: 114 Resp: 340502

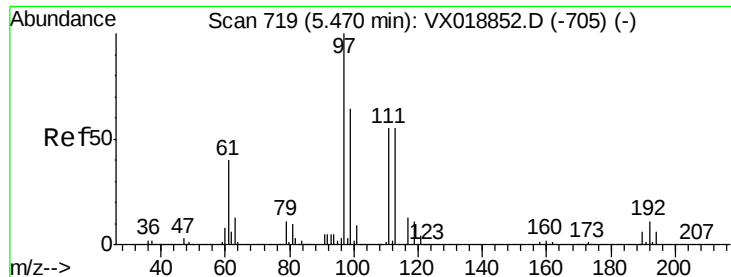
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

88 15.9 0.0 32.6

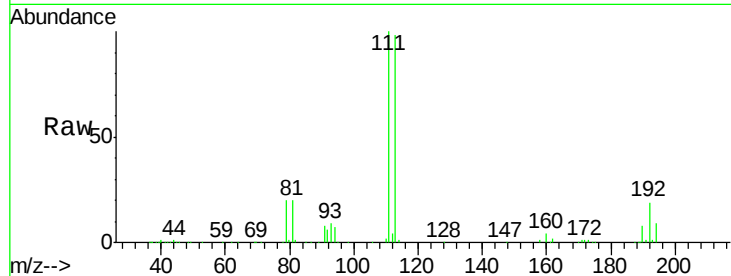




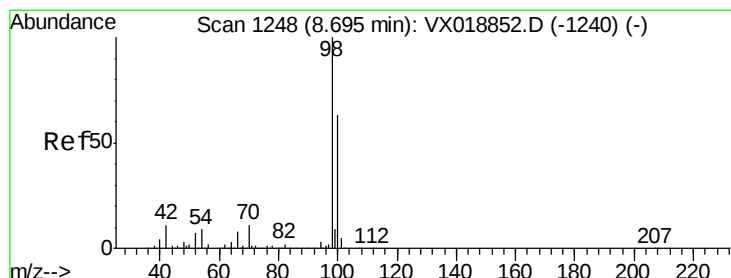
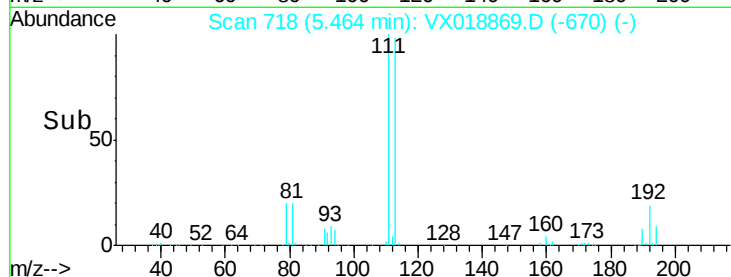
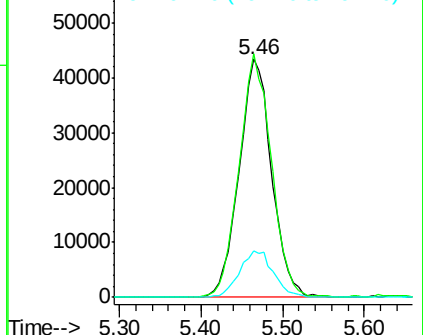
#35
Dibromofluoromethane
Concen: 49.579 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
F-4-09-18

Tot Ion:113 Resp: 120311
Ion Ratio Lower Upper
113 100
111 101.6 80.1 120.1
192 20.2 16.0 24.0

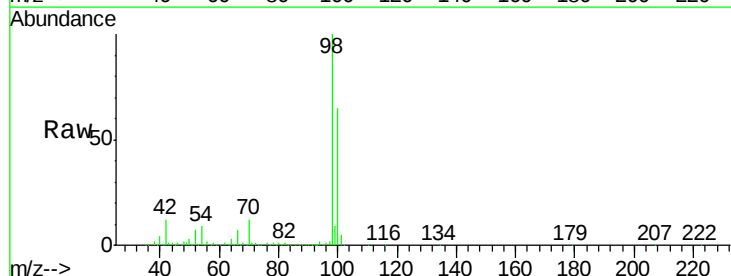


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

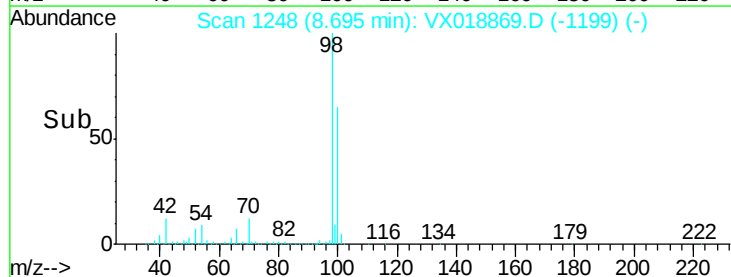
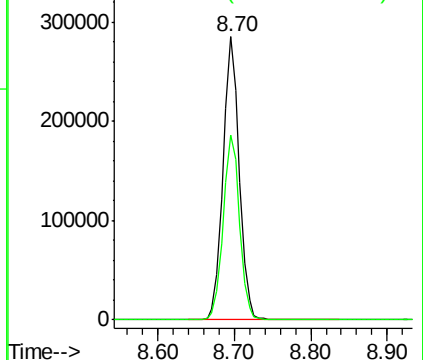


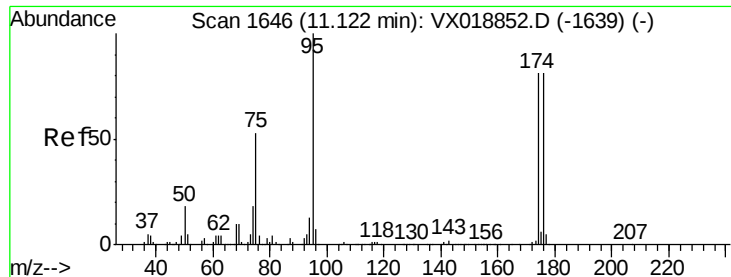
#50
Toluene-d8
Concen: 49.564 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018869.D
Acq: 09 Oct 2020 20:47

Tgt Ion: 98 Resp: 417198
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.369 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18

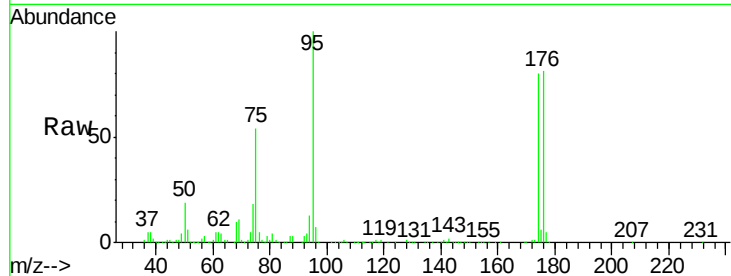
Tot Ion: 95 Resp: 165622

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.0

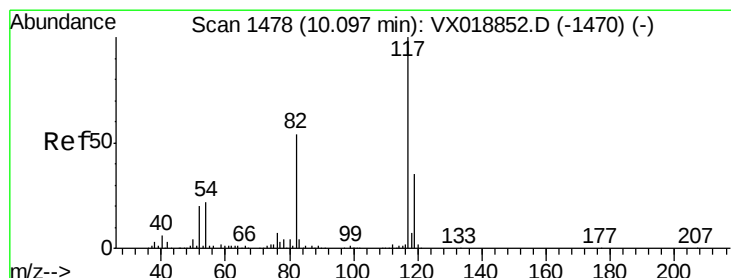
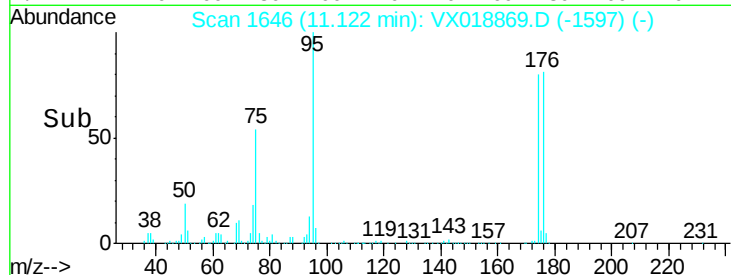
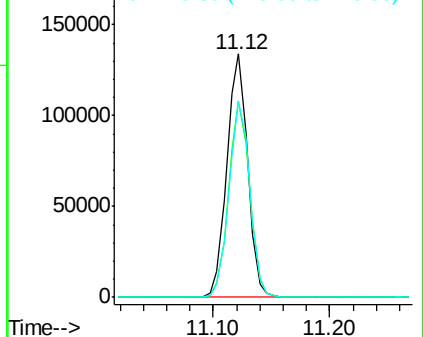
176 81.2 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018869.D

Acq: 09 Oct 2020 20:47

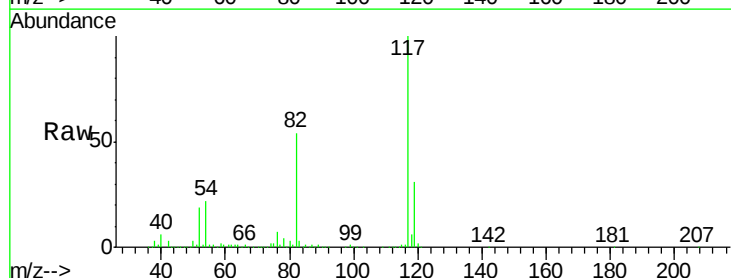
Tgt Ion: 117 Resp: 336154

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.2

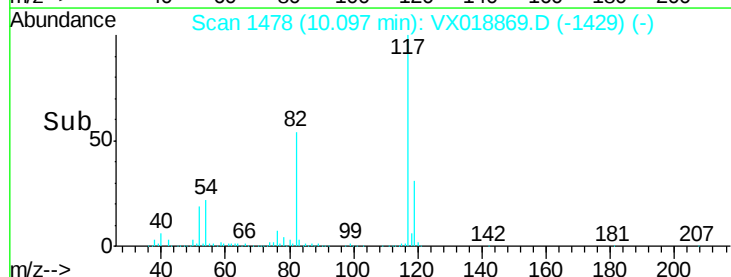
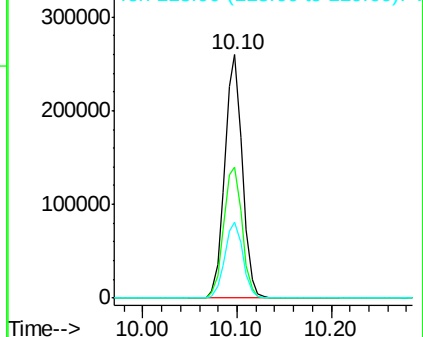
119 31.3 28.3 42.5

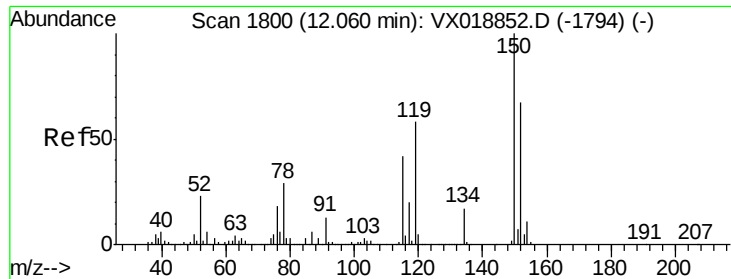


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX018869.D

Acq: 09 Oct 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

F-4-09-18

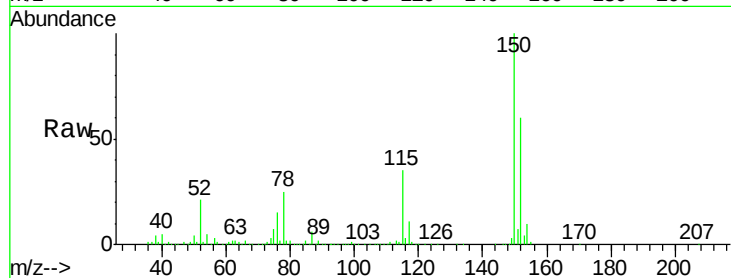
Tot Ion:152 Resp: 170993

Ion Ratio Lower Upper

152 100

115 60.2 41.8 125.4

150 160.9 0.0 347.6



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

