

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019502.D
 Acq On : 20 Nov 2020 17:49
 Operator : JC/MD
 Sample : L4827-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 201118001-05-TRIP-BLANK

Quant Time: Nov 21 04:20:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	368136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	139937	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	167169	47.38	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.76%
35) Dibromofluoromethane	5.46	113	130750	47.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.92%
50) Toluene-d8	8.70	98	517765	48.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.72%
62) 4-Bromofluorobenzene	11.12	95	160279	41.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	83.22%

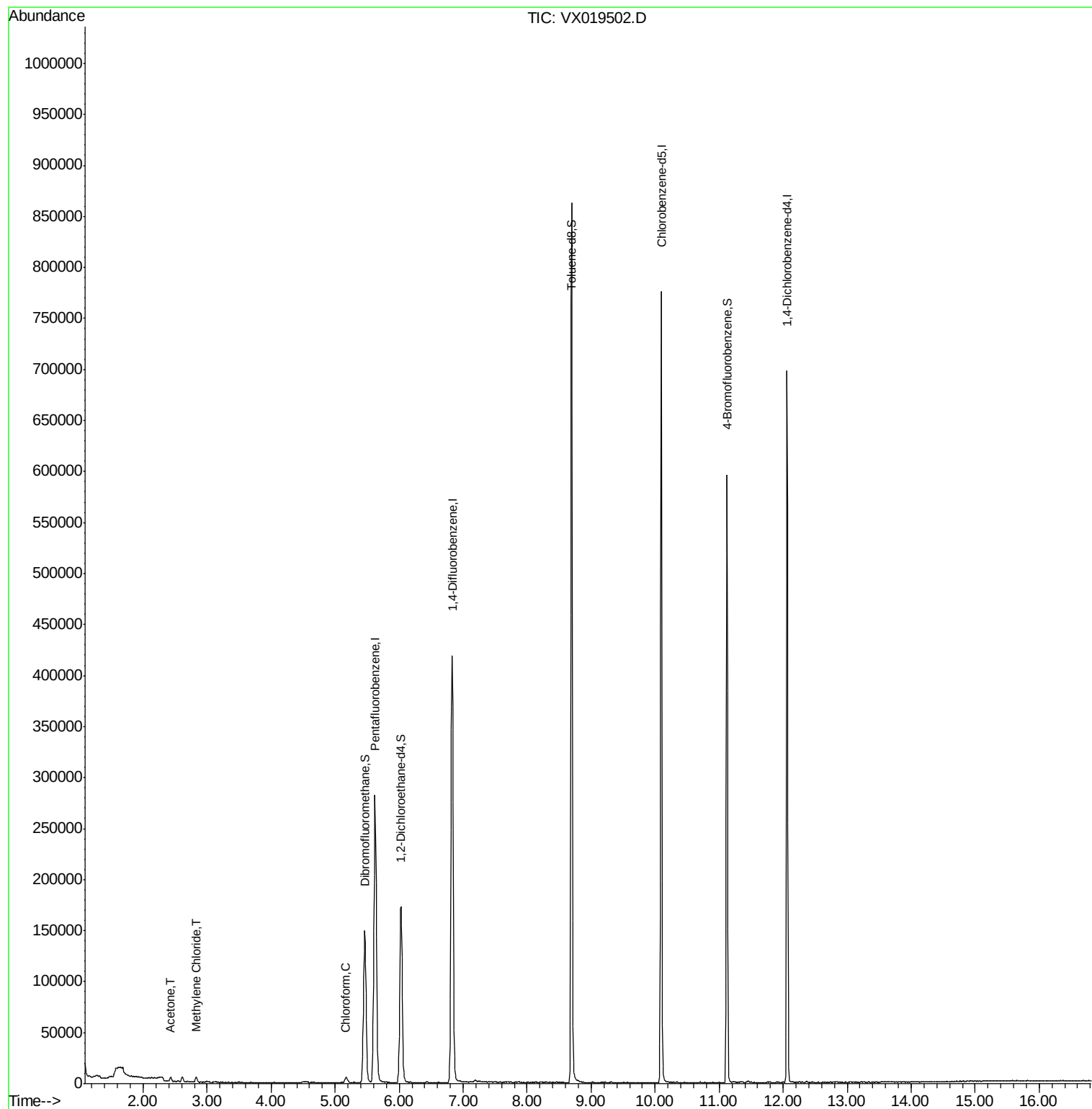
Target Compounds					Qvalue
16) Acetone	2.43	43	3908	2.864 ug/l	94
20) Methylene Chloride	2.82	84	2427	0.712 ug/l	89
30) Chloroform	5.17	83	6321	1.129 ug/l	99

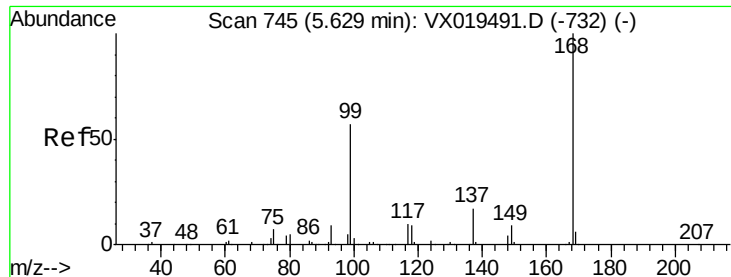
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

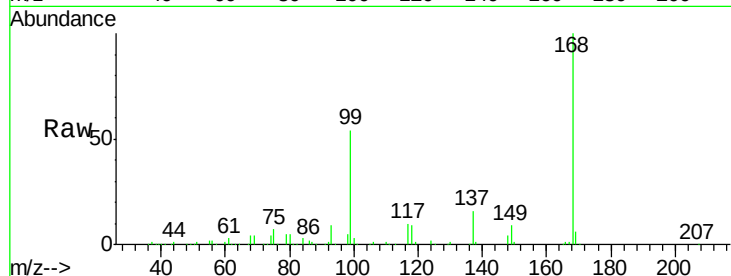
201118001-05-TRIP-BLANK

Tot Ion:168 Resp: 272113

Ion Ratio Lower Upper

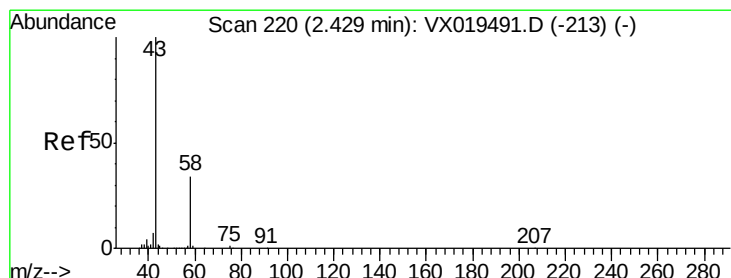
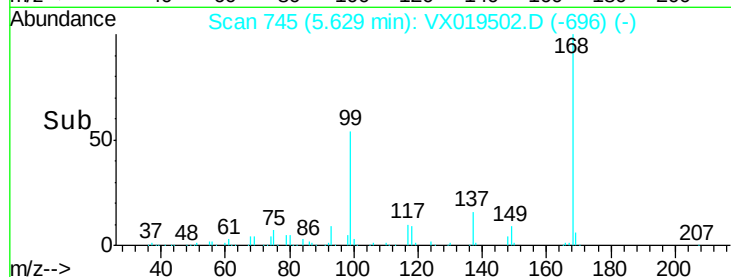
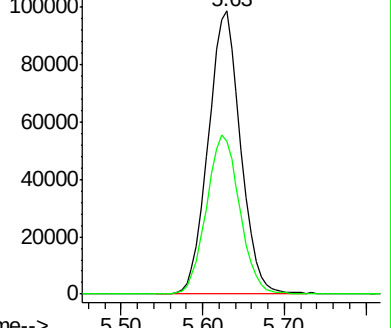
168 100

99 53.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 2.864 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019502.D

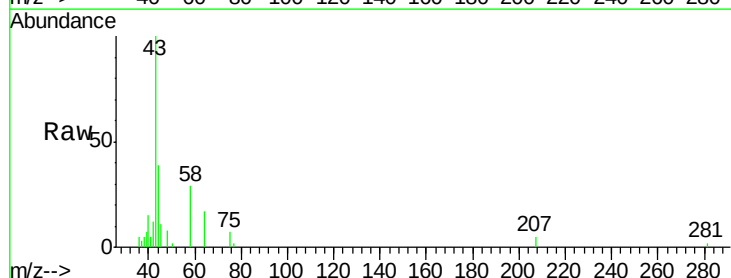
Acq: 20 Nov 2020 17:49

Tgt Ion: 43 Resp: 3908

Ion Ratio Lower Upper

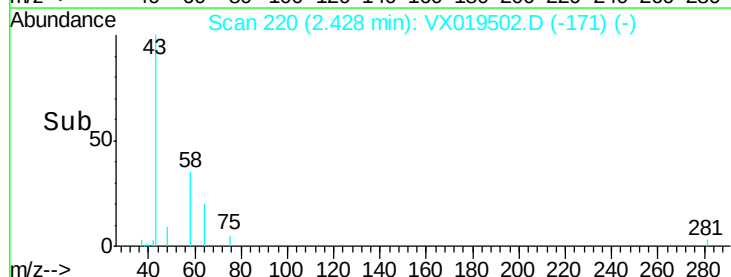
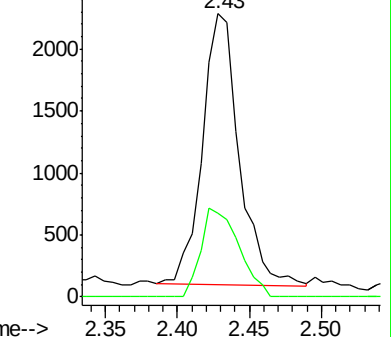
43 100

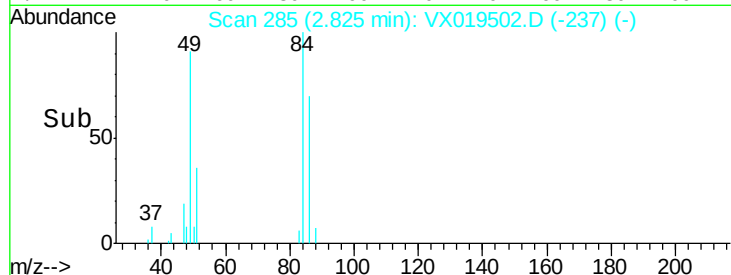
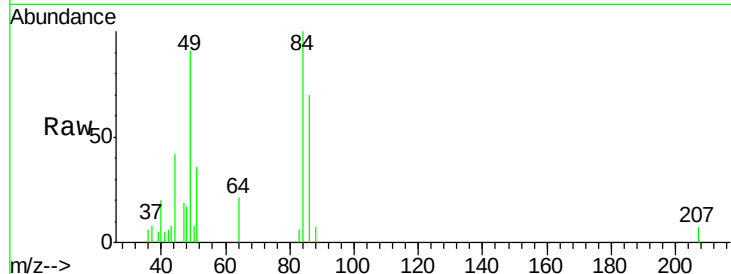
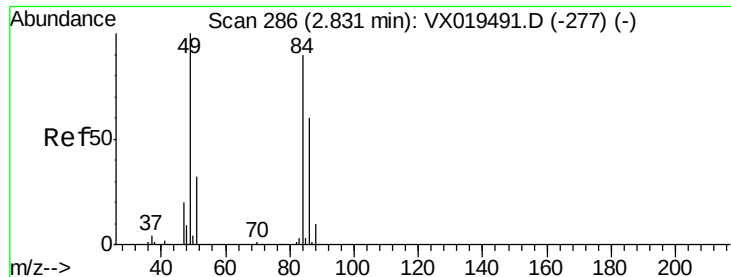
58 30.8 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

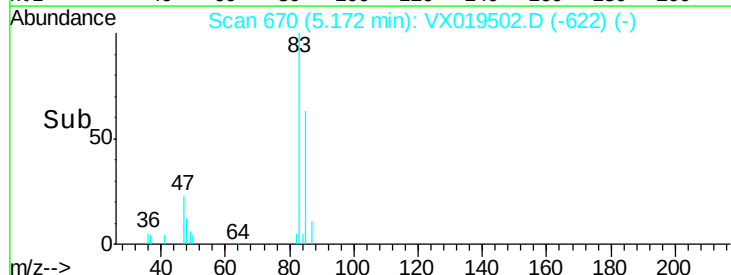
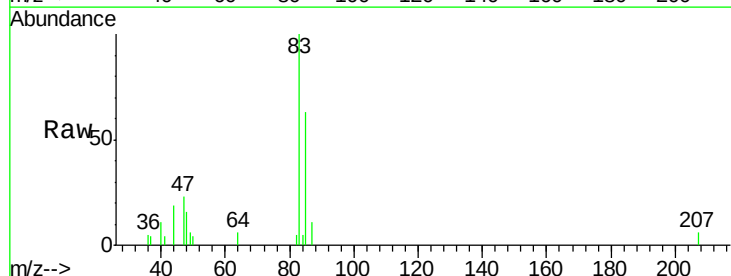
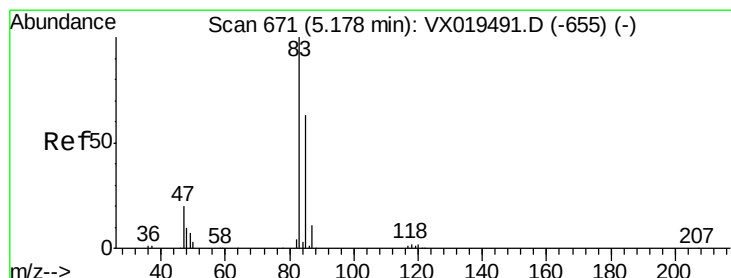
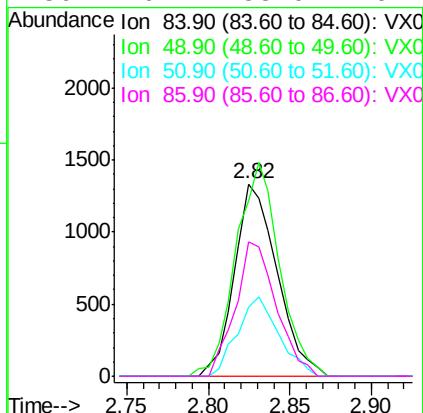




#20
Methylene Chloride
Concen: 0.712 ug/l
RT: 2.82 min Scan# 285
Delta R.T. -0.01 min
Lab File: VX019502.D
Acq: 20 Nov 2020 17:49

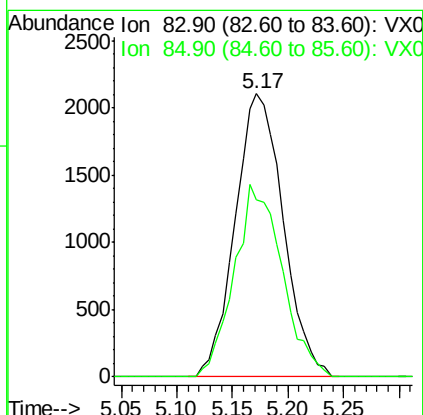
Instrument :
MSVOA_X
ClientSampleId :
201118001-05-TRIP-BLANK

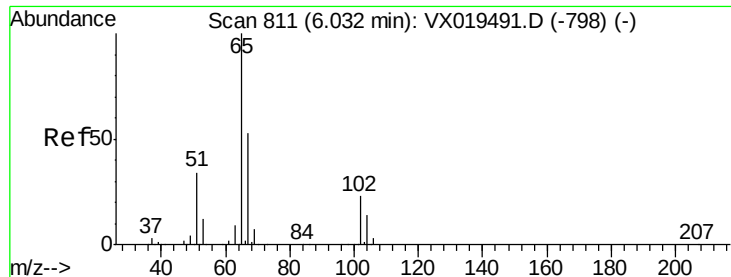
Tot Ion:	84	Resp:	2427
Ion	Ratio	Lower	Upper
84	100		
49	91.1	88.5	132.7
51	35.7	28.0	42.0
86	70.2	53.0	79.4



#30
Chloroform
Concen: 1.129 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019502.D
Acq: 20 Nov 2020 17:49

Tgt Ion:	83	Resp:	6321
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.5	75.7

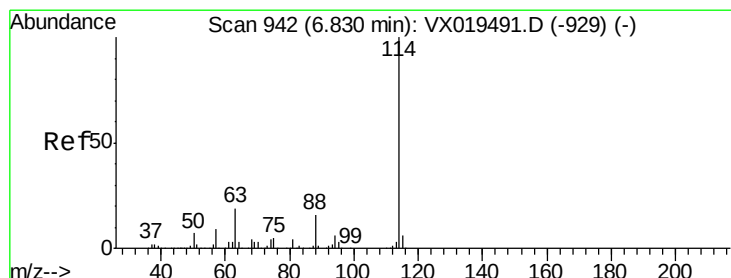
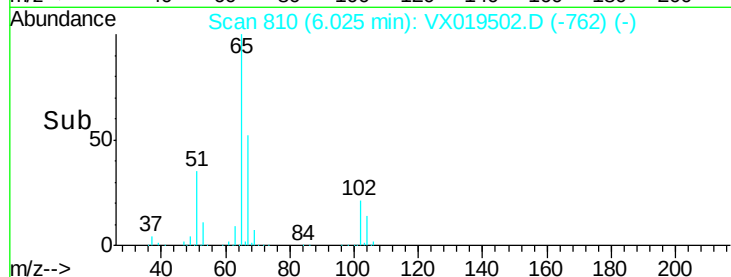
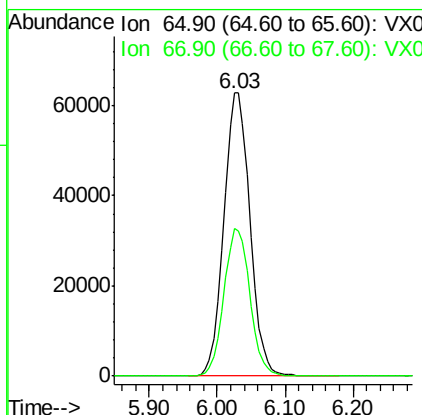
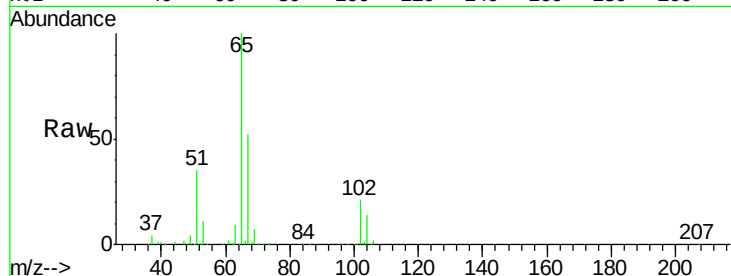




#33
 1,2-Dichloroethane-d4
 Concen: 47.381 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019502.D
 Acq: 20 Nov 2020 17:49

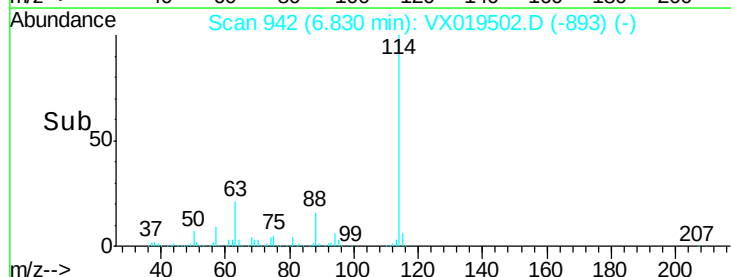
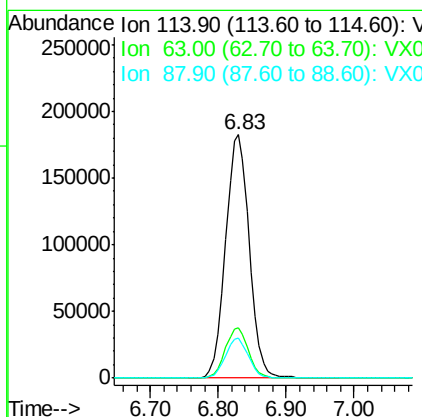
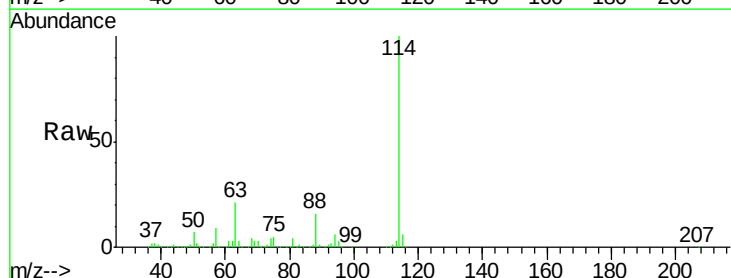
Instrument :
 MSVOA_X
 ClientSampleId :
 201118001-05-TRIP-BLANK

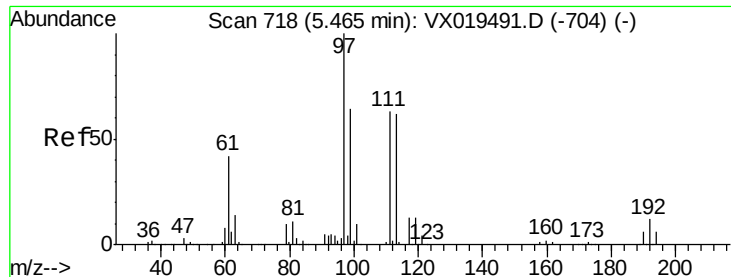
Tot Ion: 65 Resp: 167169
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019502.D
 Acq: 20 Nov 2020 17:49

Tgt Ion: 114 Resp: 438933
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.8
 88 16.4 0.0 31.6

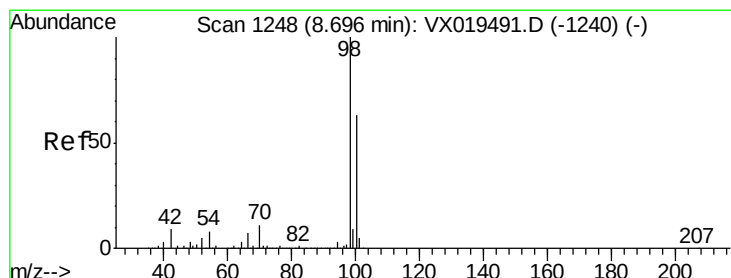
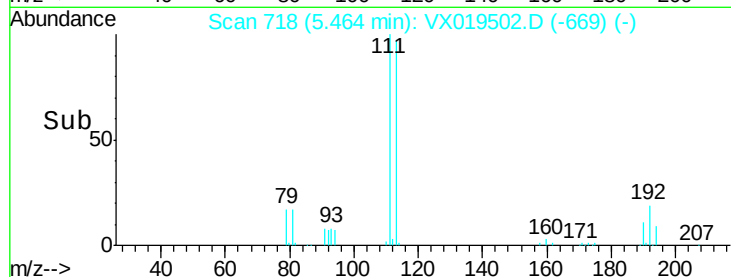
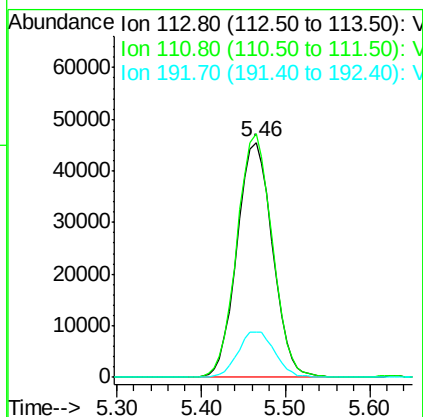
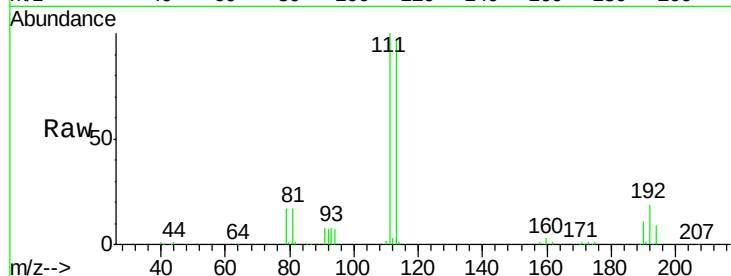




#35
Dibromofluoromethane
Concen: 47.456 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019502.D
Acq: 20 Nov 2020 17:49

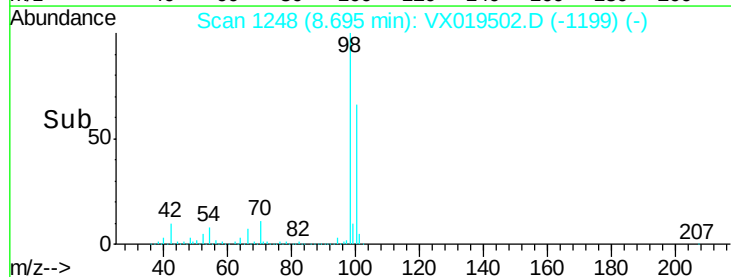
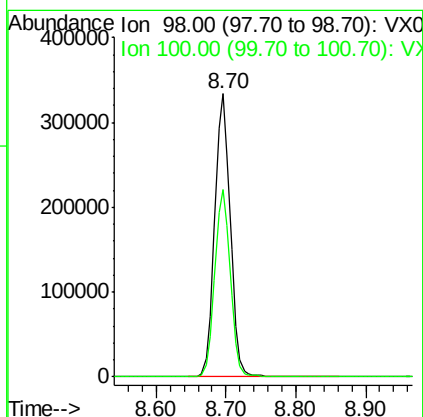
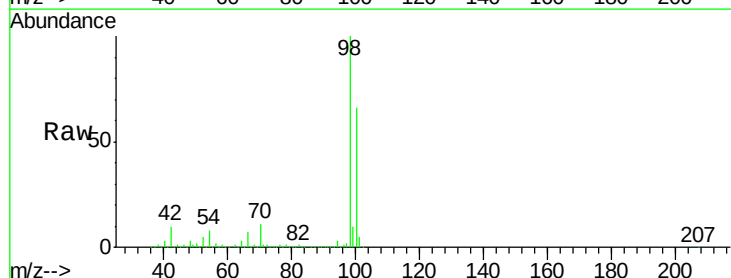
Instrument :
MSVOA_X
ClientSampleId :
201118001-05-TRIP-BLANK

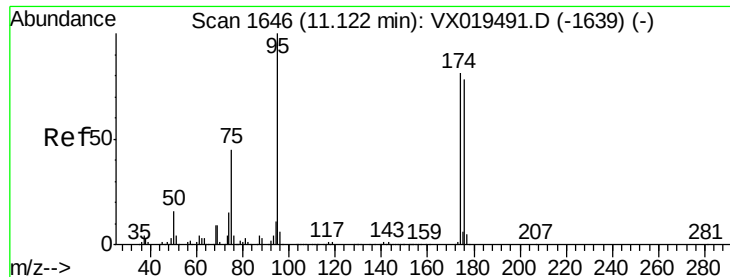
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.5	122.3
192	20.0	16.2	24.2



#50
Toluene-d8
Concen: 48.361 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019502.D
Acq: 20 Nov 2020 17:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 41.609 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019502.D

Acq: 20 Nov 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

201118001-05-TRIP-BLANK

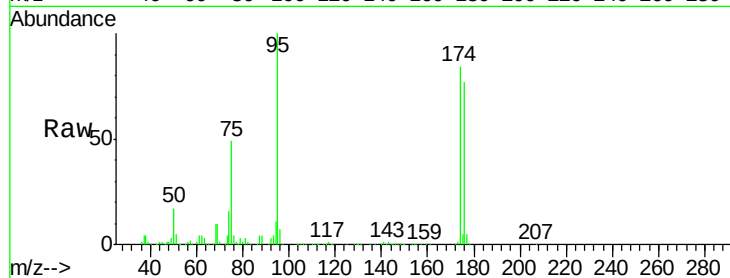
Tot Ion: 95 Resp: 160279

Ion Ratio Lower Upper

95 100

174 78.0 0.0 156.2

176 74.4 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX019491.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019491.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019491.D (-1639) (-)

11.12

150000

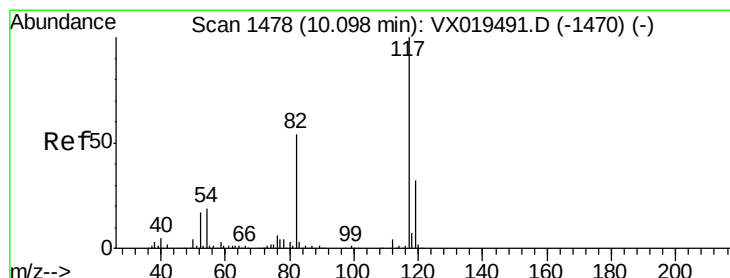
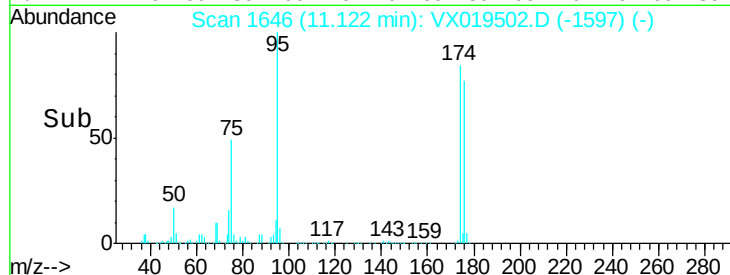
100000

50000

0

11.10 11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019502.D

Acq: 20 Nov 2020 17:49

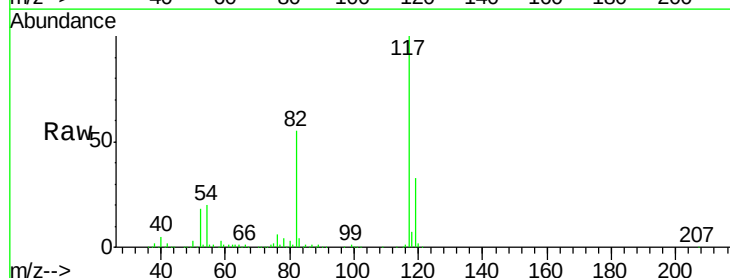
Tgt Ion: 117 Resp: 368136

Ion Ratio Lower Upper

117 100

82 54.9 43.0 64.4

119 32.9 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VX019491.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019491.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019491.D (-1470) (-)

10.10

300000

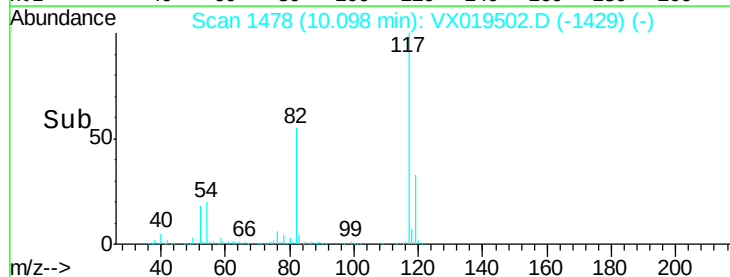
200000

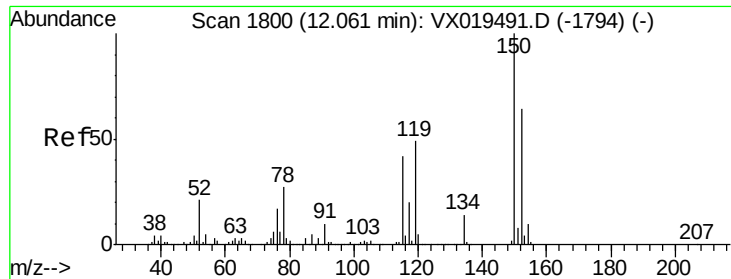
100000

0

10.00 10.10 10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019502.D

Acq: 20 Nov 2020 17:49

Instrument :

MSVOA_X

ClientSampleId :

201118001-05-TRIP-BLANK

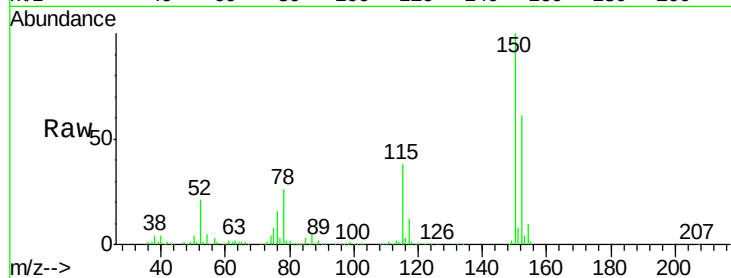
Tot Ion:152 Resp: 139937

Ion Ratio Lower Upper

152 100

115 61.0 41.8 125.4

150 161.2 0.0 348.2



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

