

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071420\
 Data File : VX017381.D
 Acq On : 14 Jul 2020 16:05
 Operator : JC/SP
 Sample : L3181-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-02-070920

Quant Time: Jul 15 02:02:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

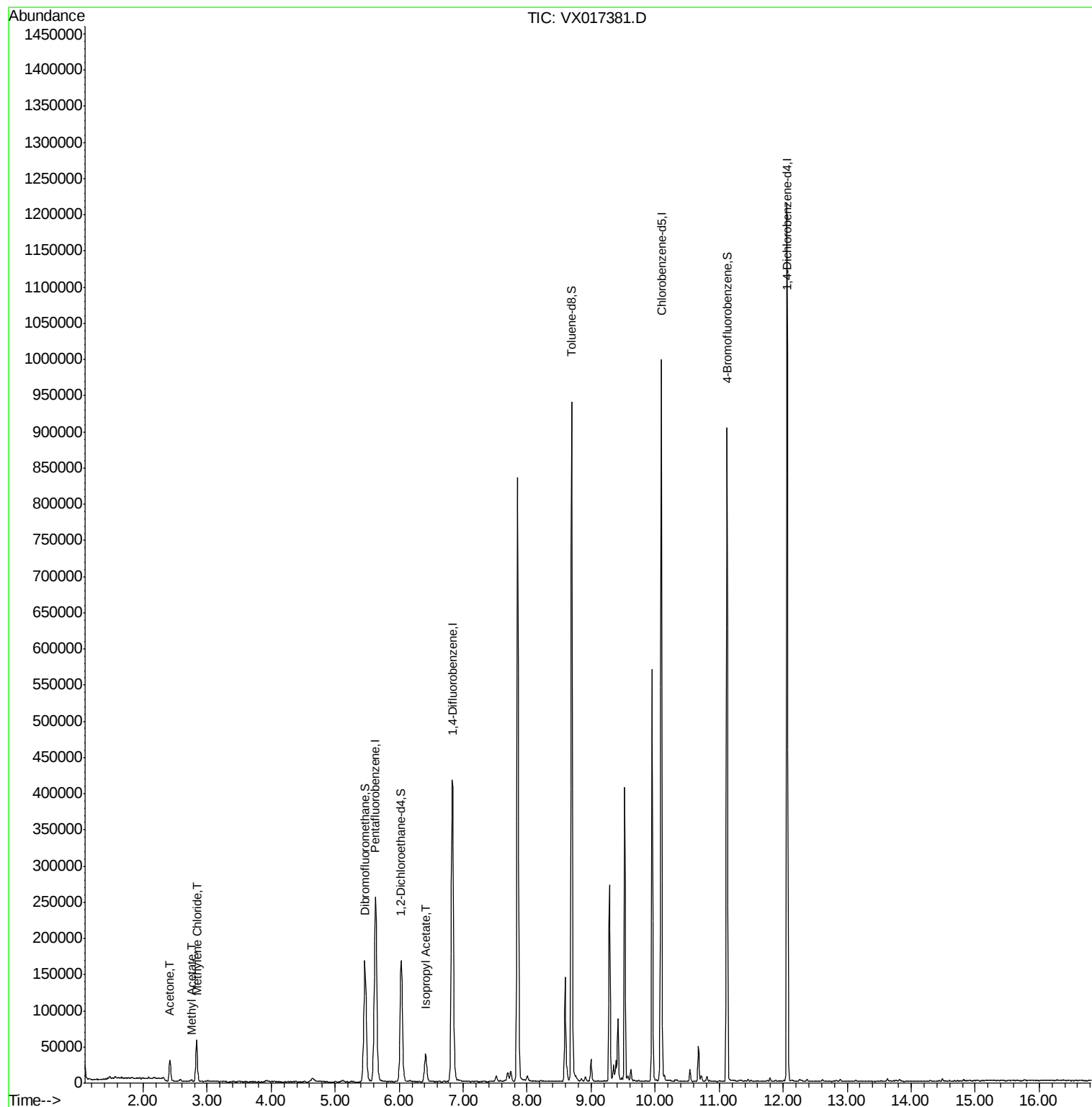
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	252501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	424032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	244910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	160586	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	5.46	113	141639	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
50) Toluene-d8	8.70	98	538167	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.12	95	229228	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
Target Compounds						
16) Acetone	2.42	43	29078	25.719	ug/l	99
18) Methyl Acetate	2.75	43	3173	1.136	ug/l	99
20) Methylene Chloride	2.84	84	26441	9.585	ug/l	97
43) Isopropyl Acetate	6.42	43	51343	7.966	ug/l	99

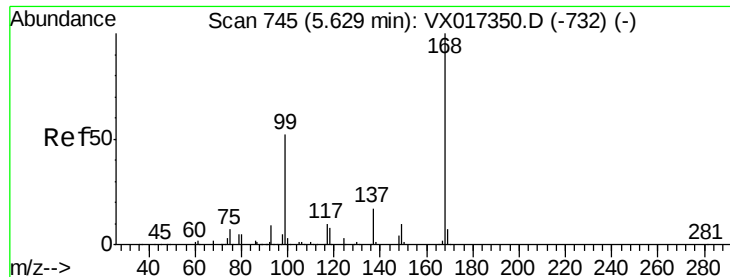
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
CL-02-070920

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Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017381.D

Acq: 14 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

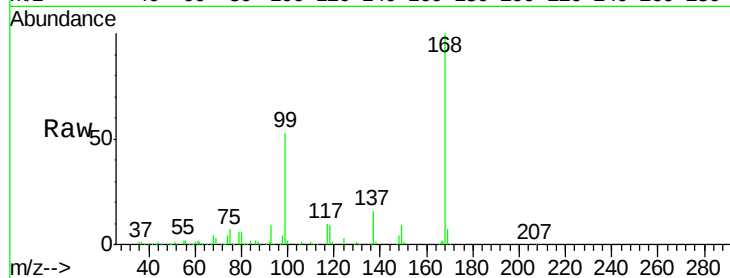
CL-02-070920

Tot Ion:168 Resp: 252501

Ion Ratio Lower Upper

168 100

99 52.9 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

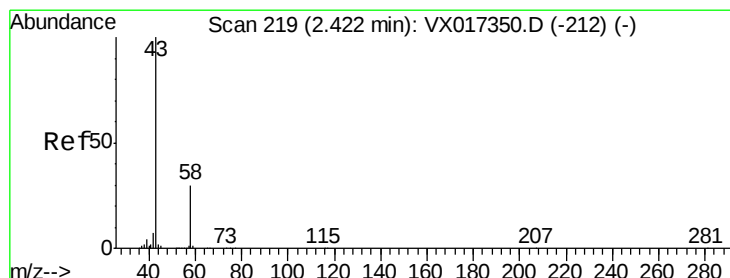
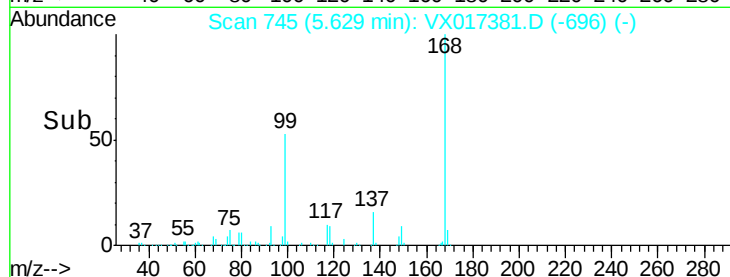
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 25.719 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017381.D

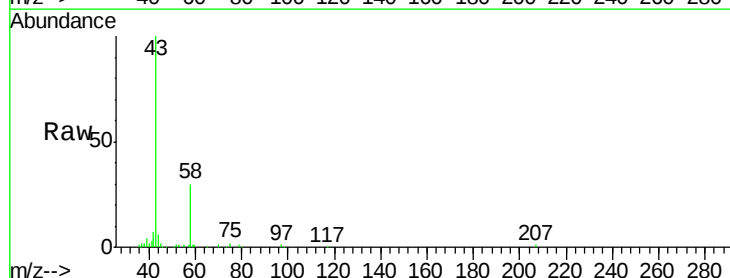
Acq: 14 Jul 2020 16:05

Tgt Ion: 43 Resp: 29078

Ion Ratio Lower Upper

43 100

58 29.8 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

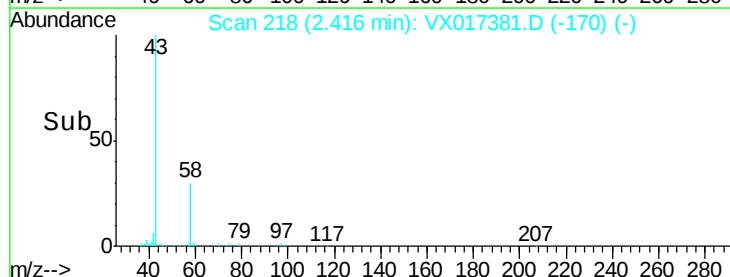
15000

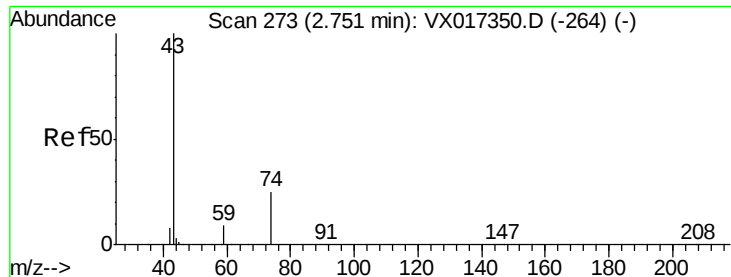
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

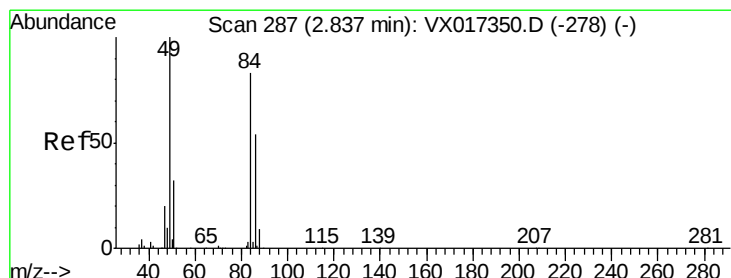
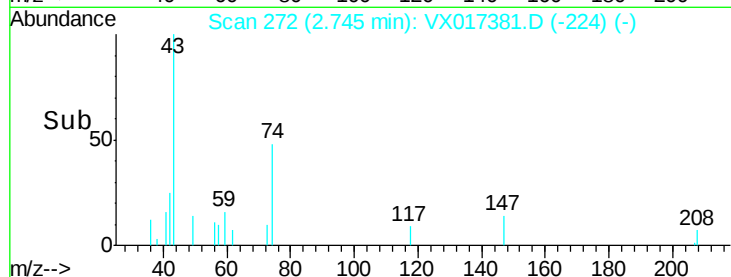
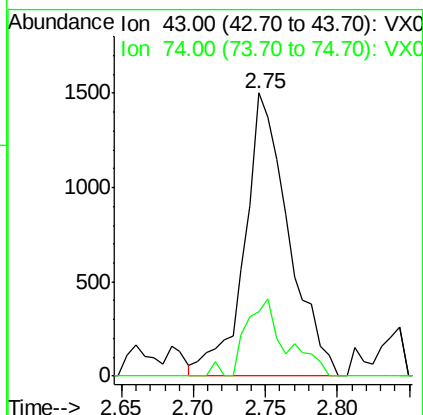
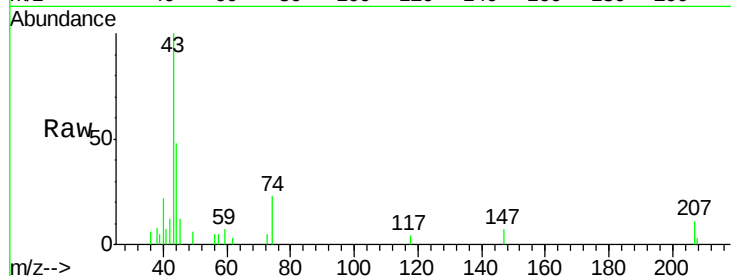




#18
Methyl Acetate
Concen: 1.136 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017381.D
Acq: 14 Jul 2020 16:05

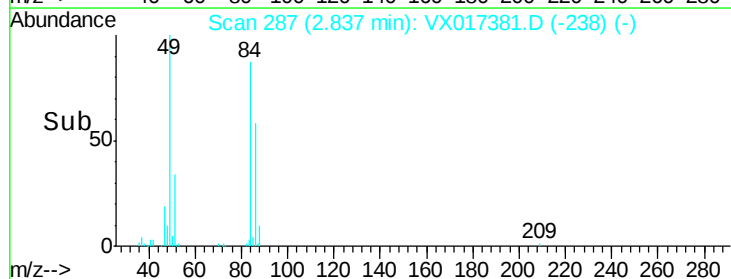
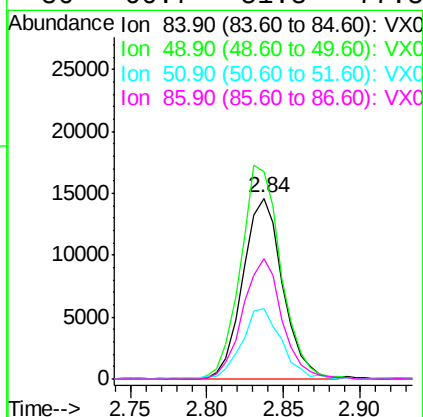
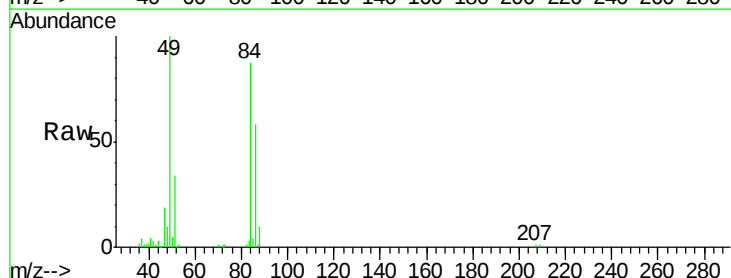
Instrument :
MSVOA_X
ClientSampleId :
CL-02-070920

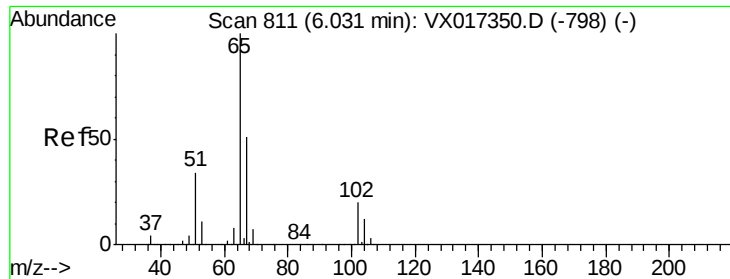
Tot Ion: 43 Resp: 3173
Ion Ratio Lower Upper
43 100
74 25.0 19.4 29.2



#20
Methylene Chloride
Concen: 9.585 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017381.D
Acq: 14 Jul 2020 16:05

Tgt Ion: 84 Resp: 26441
Ion Ratio Lower Upper
84 100
49 114.7 95.8 143.8
51 39.1 31.0 46.4
86 66.7 51.8 77.8





#33

1,2-Dichloroethane-d4

Concen: 50.672 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017381.D

Acq: 14 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

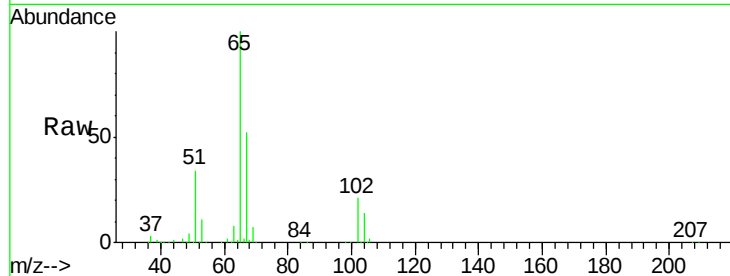
CL-02-070920

Tot Ion: 65 Resp: 160586

Ion Ratio Lower Upper

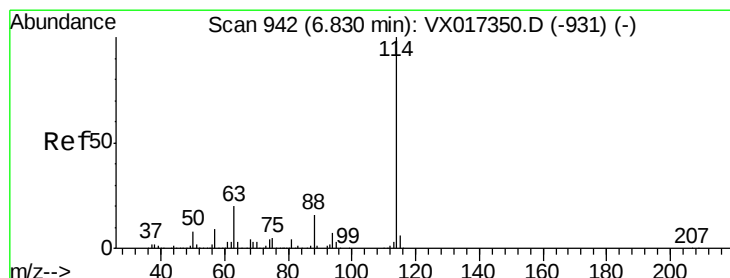
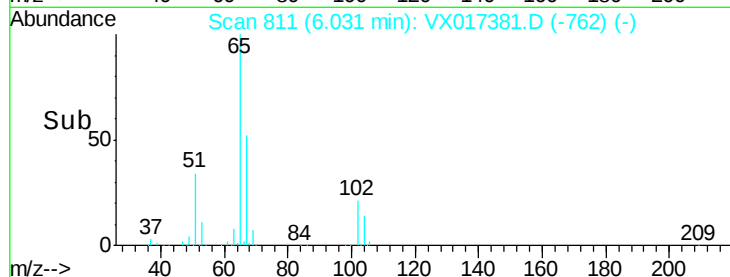
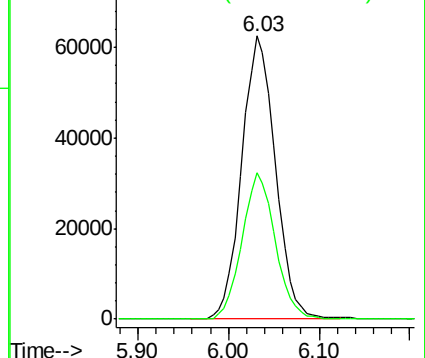
65 100

67 51.1 0.0 101.6



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: VX017381.D

Acq: 14 Jul 2020 16:05

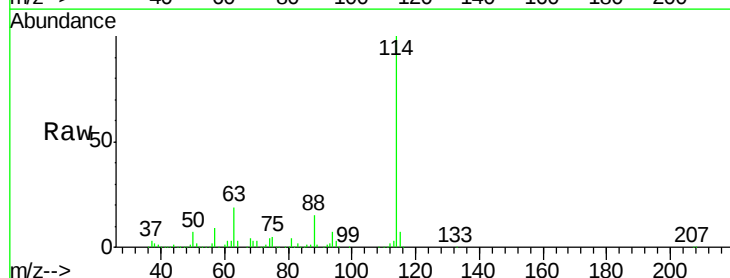
Tgt Ion: 114 Resp: 424032

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

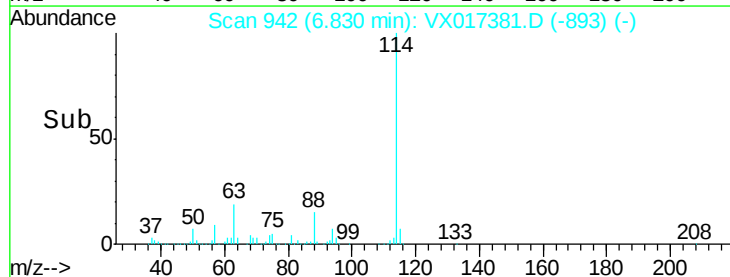
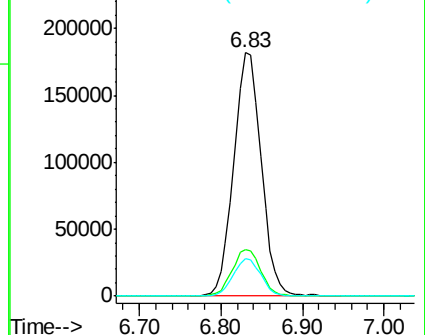
88 15.2 0.0 32.8

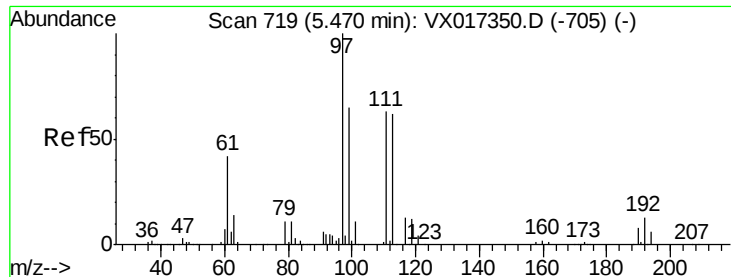


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.587 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017381.D

Acq: 14 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

CL-02-070920

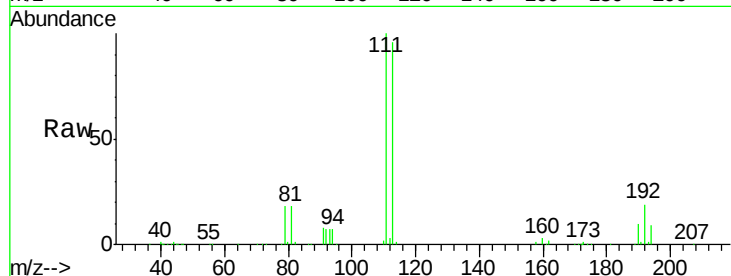
Tot Ion:113 Resp: 141639

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

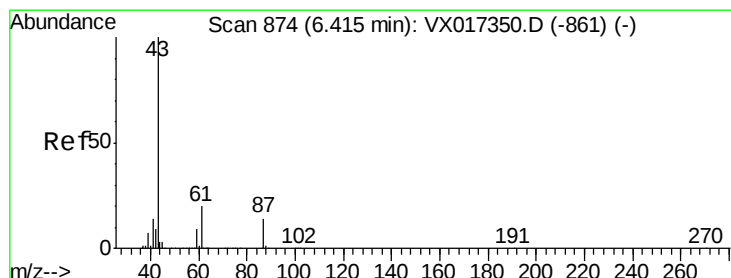
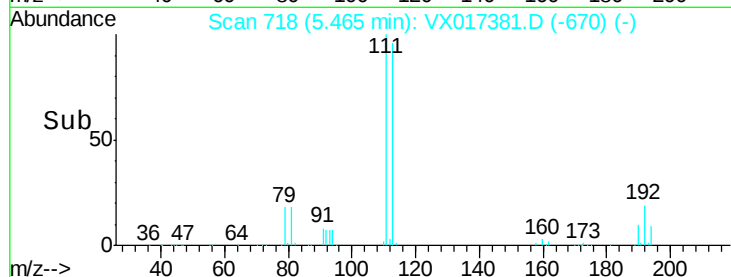
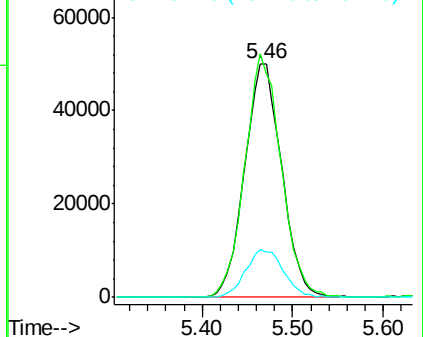
192 21.0 17.2 25.8



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



#43

Isopropyl Acetate

Concen: 7.966 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017381.D

Acq: 14 Jul 2020 16:05

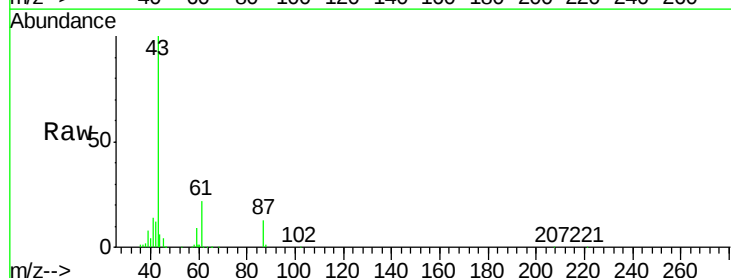
Tgt Ion: 43 Resp: 51343

Ion Ratio Lower Upper

43 100

61 21.2 16.4 24.6

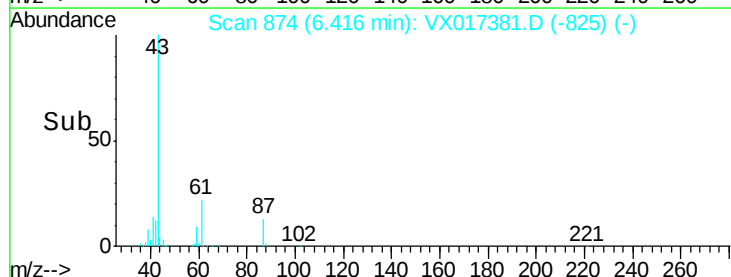
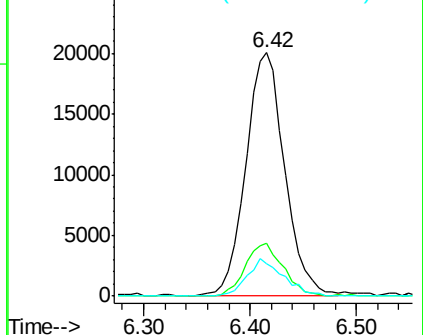
87 14.3 11.2 16.8

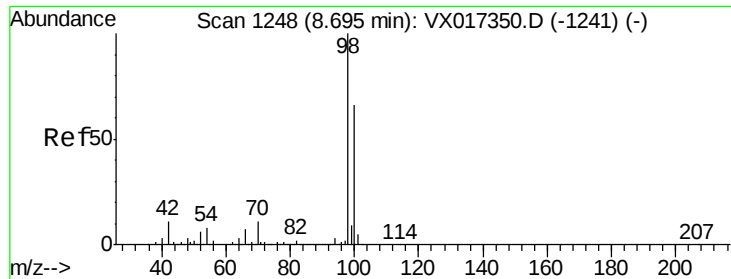


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.233 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017381.D

Acq: 14 Jul 2020 16:05

Instrument :

MSVOA_X

ClientSampleId :

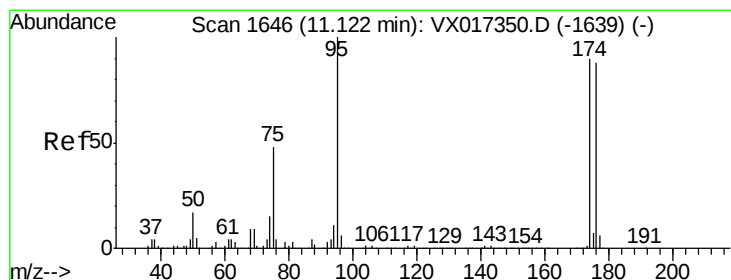
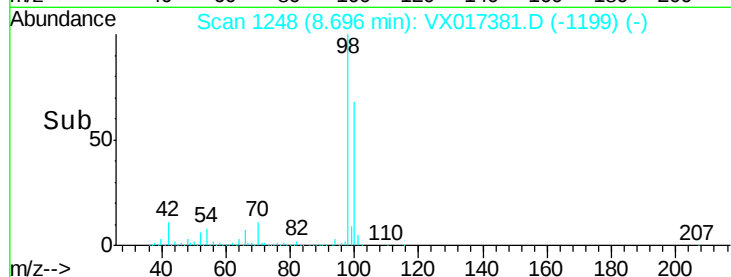
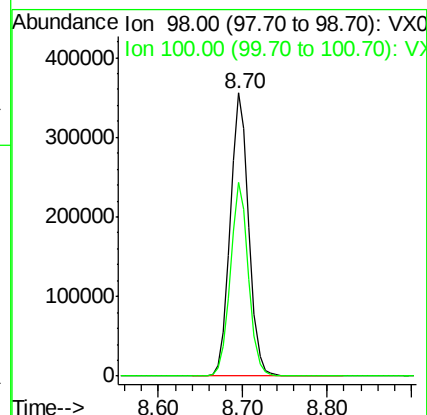
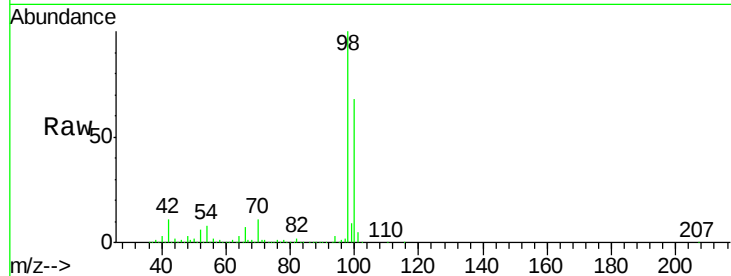
CL-02-070920

Tot Ion: 98 Resp: 538167

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 56.010 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017381.D

Acq: 14 Jul 2020 16:05

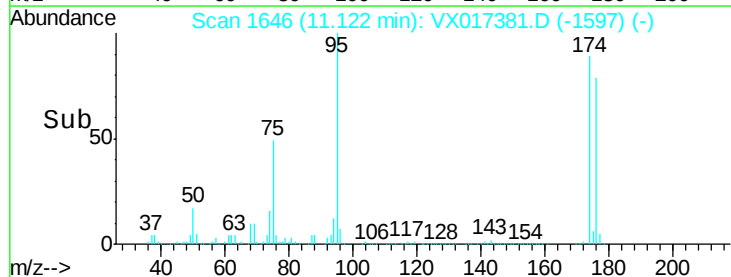
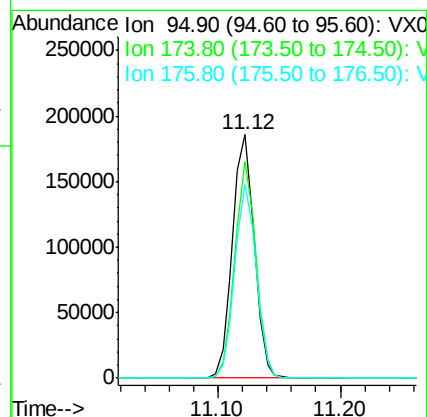
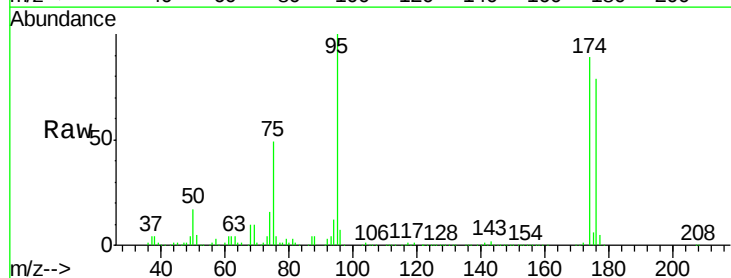
Tgt Ion: 95 Resp: 229228

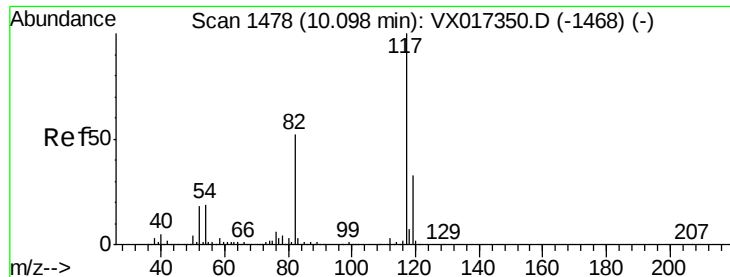
Ion Ratio Lower Upper

95 100

174 85.9 0.0 175.8

176 78.1 0.0 164.6

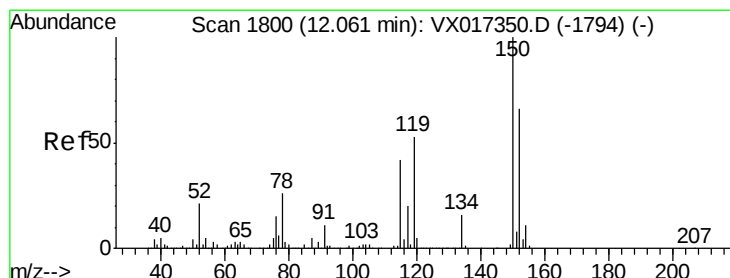
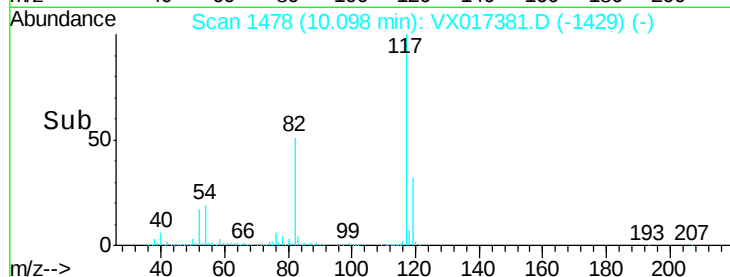
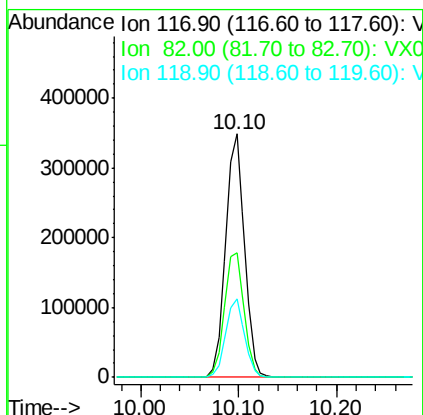
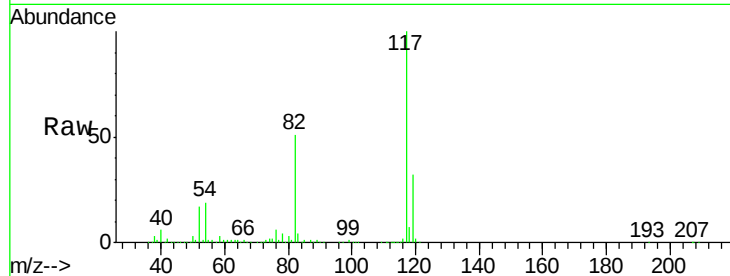




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017381.D
Acq: 14 Jul 2020 16:05

Instrument :
MSVOA_X
ClientSampleId :
CL-02-070920

Tot Ion:117 Resp: 466761
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017381.D
Acq: 14 Jul 2020 16:05

Tgt Ion:152 Resp: 244910
Ion Ratio Lower Upper
152 100
115 58.2 39.9 119.7
150 160.1 0.0 343.4

