

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
 Data File : VX016439.D
 Acq On : 26 May 2020 20:43
 Operator : JC/SP
 Sample : L2498-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-052220

Quant Time: May 27 06:22:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

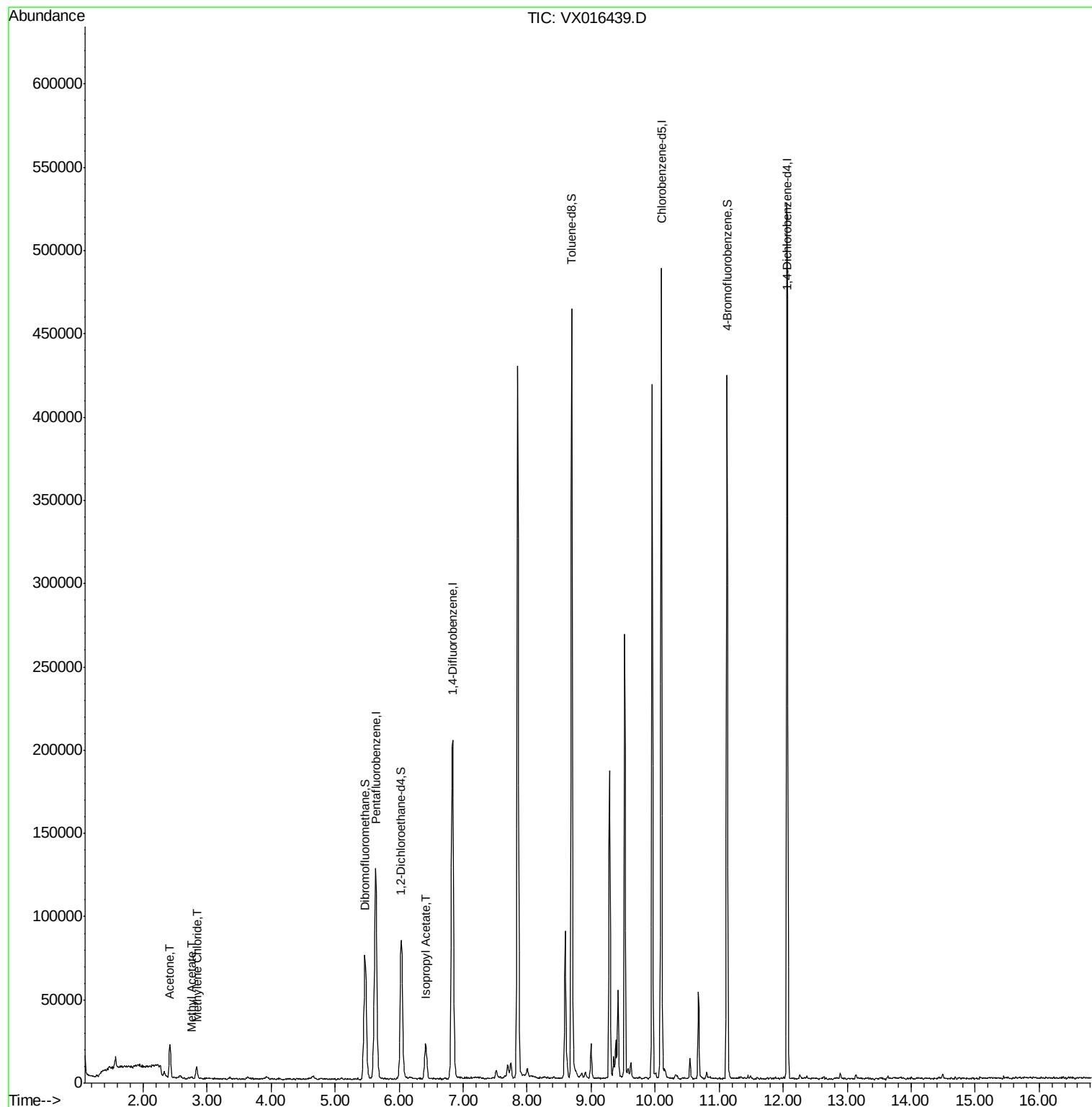
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	112829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	204895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	214576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	102776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	80665	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	5.46	113	62271	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	8.70	98	270673	56.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.14%	
62) 4-Bromofluorobenzene	11.12	95	104430	58.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.58%	
Target Compounds						
16) Acetone	2.42	43	21460	36.865	ug/l	100
18) Methyl Acetate	2.75	43	1638	1.154	ug/l	90
20) Methylene Chloride	2.84	84	3400	2.708	ug/l	91
43) Isopropyl Acetate	6.42	43	28827	8.952	ug/l	98

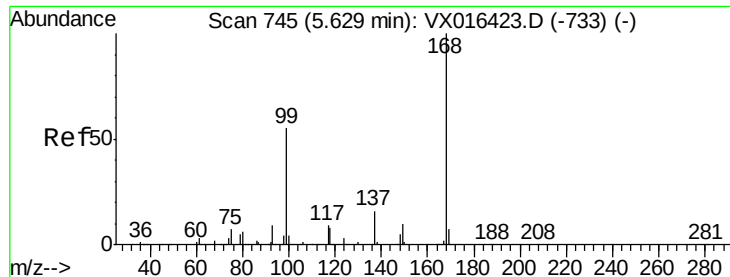
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016439.D

Acq: 26 May 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

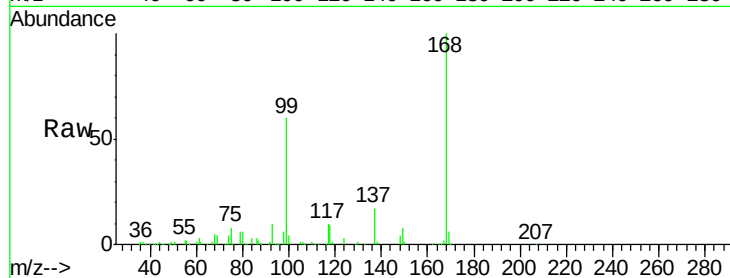
CL-01-052220

Tot Ion:168 Resp: 112829

Ion Ratio Lower Upper

168 100

99 60.4 44.4 66.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

40000

30000

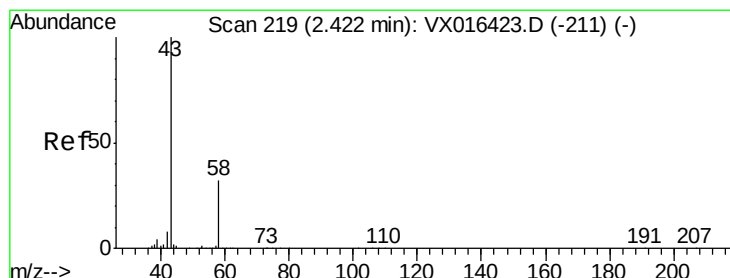
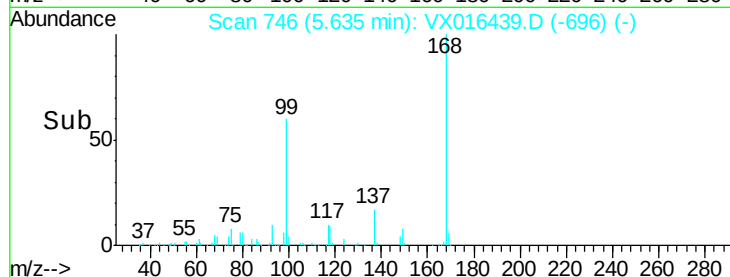
20000

10000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 36.865 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016439.D

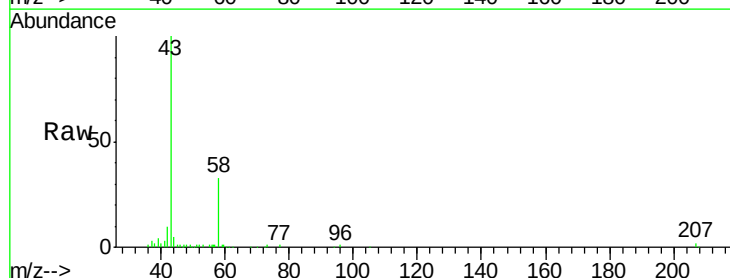
Acq: 26 May 2020 20:43

Tgt Ion: 43 Resp: 21460

Ion Ratio Lower Upper

43 100

58 32.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

15000

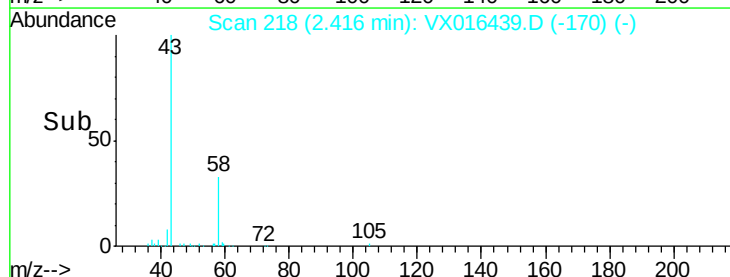
10000

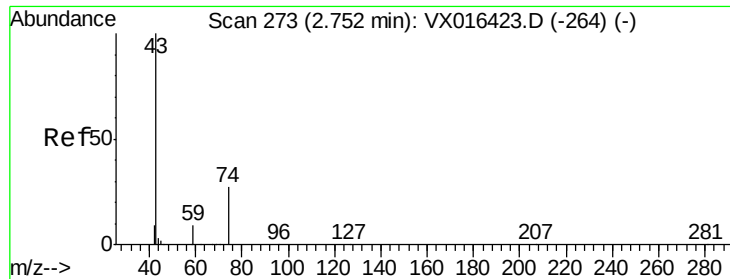
5000

0

Time-->

2.35 2.40 2.45 2.50

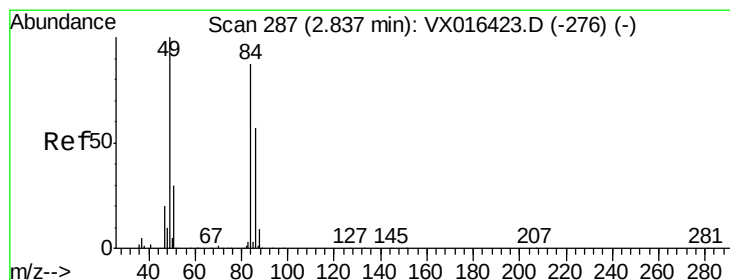
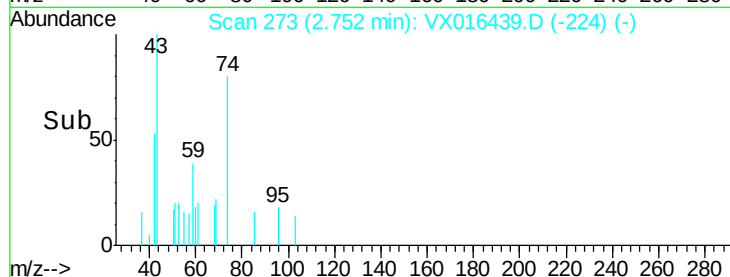
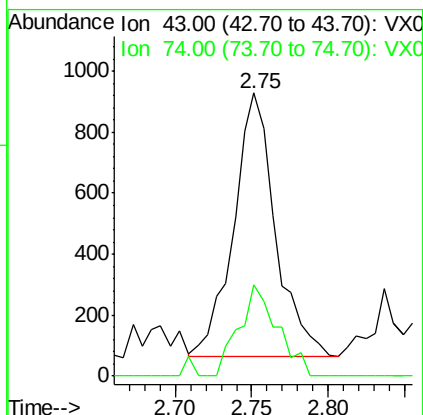
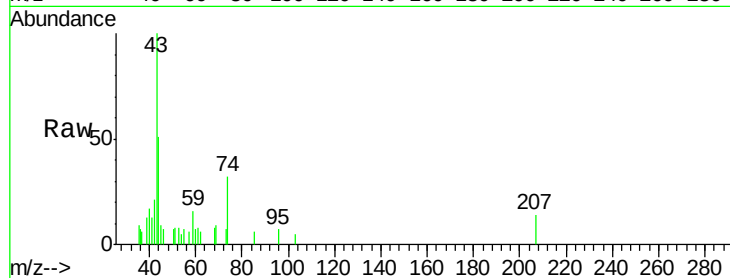




#18
Methvl Acetate
Concen: 1.154 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016439.D
Acq: 26 May 2020 20:43

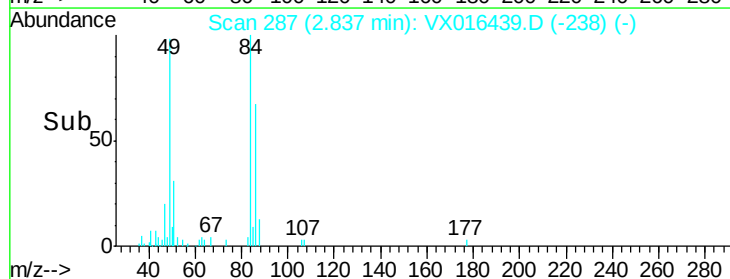
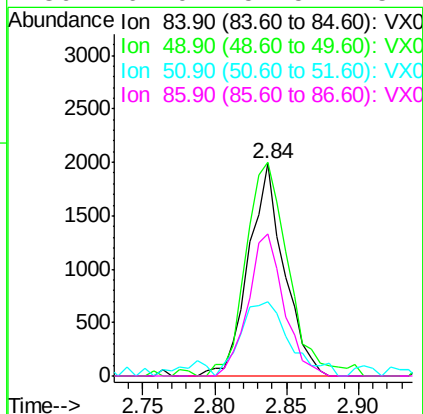
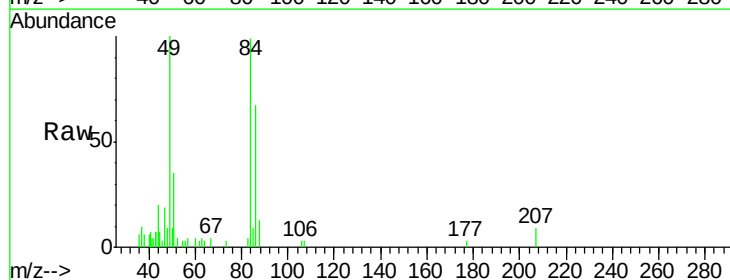
Instrument :
MSVOA_X
ClientSampled :
CL-01-052220

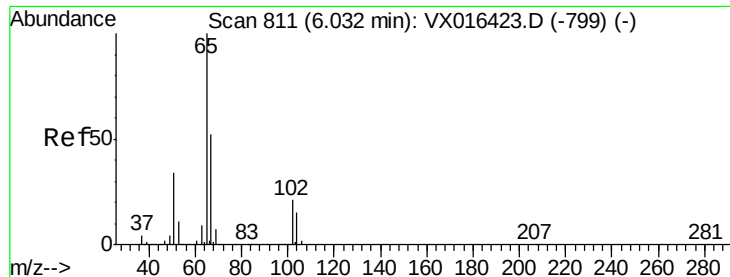
Tot Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
74 31.6 21.3 31.9



#20
Methylene Chloride
Concen: 2.708 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016439.D
Acq: 26 May 2020 20:43

Tgt Ion: 84 Resp: 3400
Ion Ratio Lower Upper
84 100
49 98.1 92.2 138.4
51 34.8 27.8 41.8
86 67.0 52.5 78.7

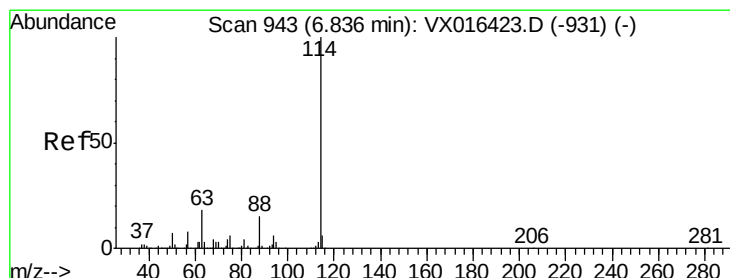
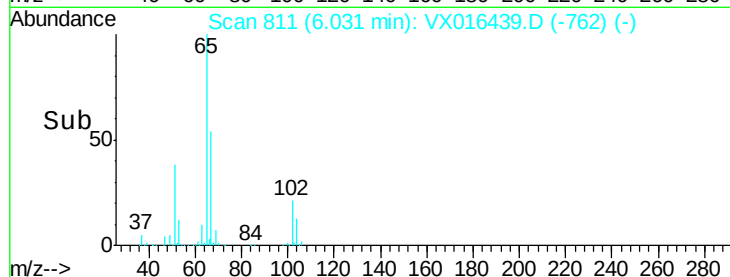
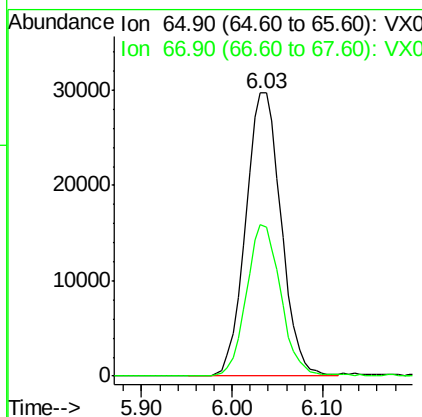
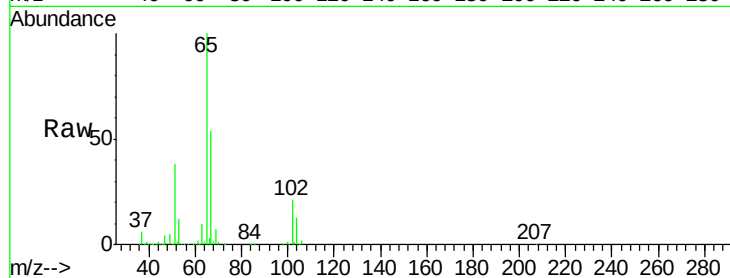




#33
 1,2-Dichloroethane-d4
 Concen: 55.194 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016439.D
 Acq: 26 May 2020 20:43

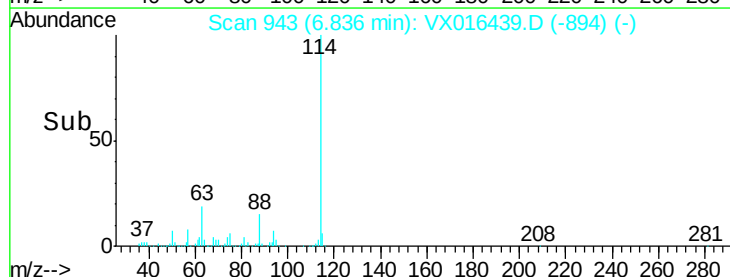
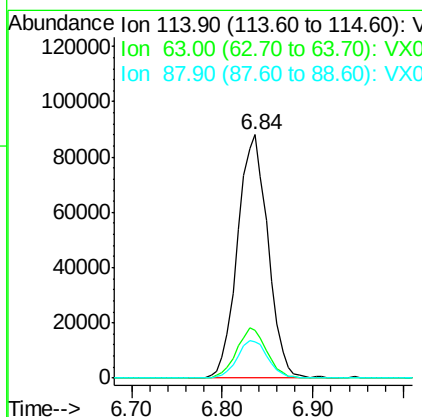
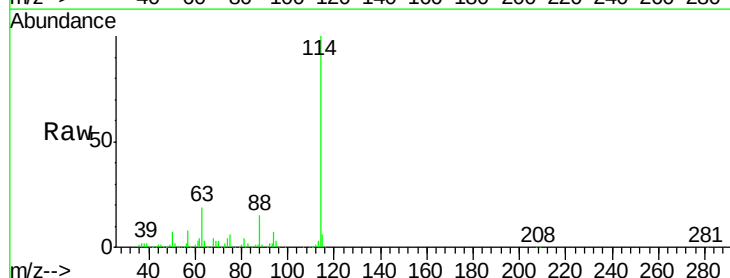
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-052220

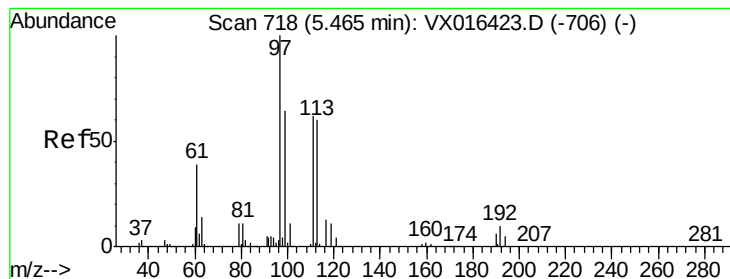
Tot Ion: 65 Resp: 80665
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX016439.D
 Acq: 26 May 2020 20:43

Tgt Ion: 114 Resp: 204895
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 36.4
 88 14.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 47.516 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016439.D

Acq: 26 May 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

CL-01-052220

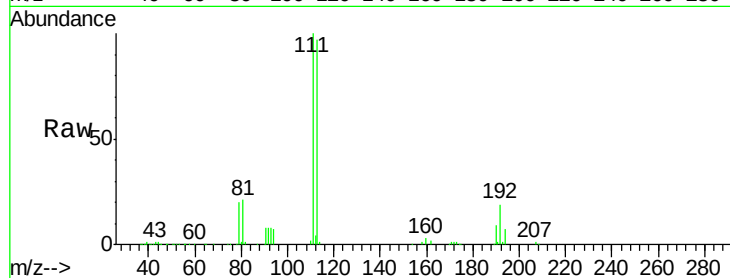
Tot Ion:113 Resp: 62271

Ion Ratio Lower Upper

113 100

111 105.2 82.5 123.7

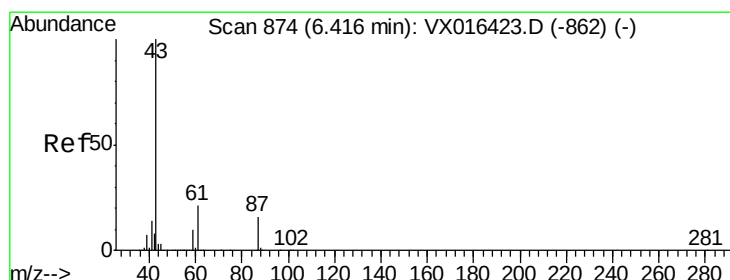
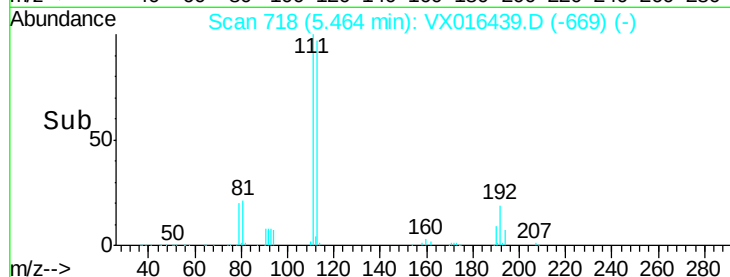
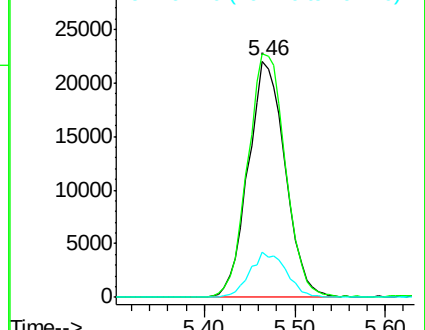
192 18.7 16.5 24.7



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: 8.952 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016439.D

Acq: 26 May 2020 20:43

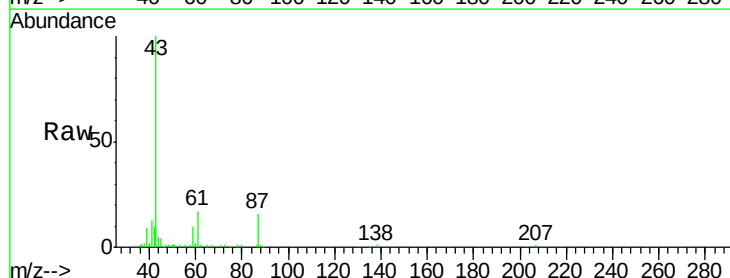
Tgt Ion: 43 Resp: 28827

Ion Ratio Lower Upper

43 100

61 20.8 17.2 25.8

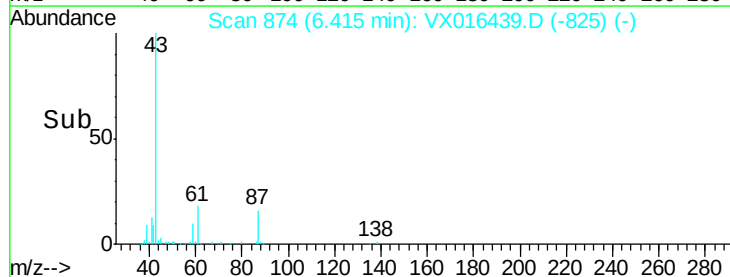
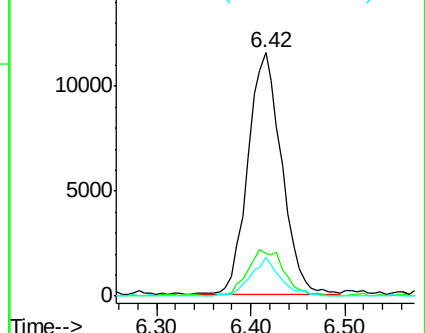
87 14.2 12.3 18.5

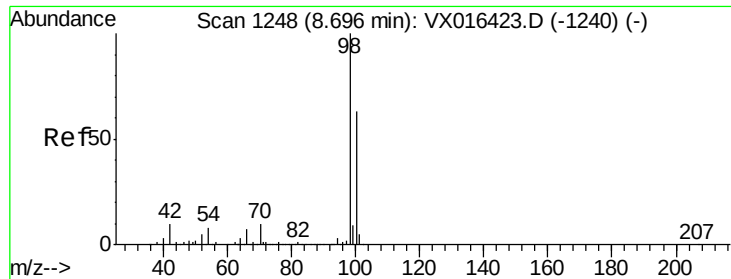


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 56.071 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016439.D

Acq: 26 May 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

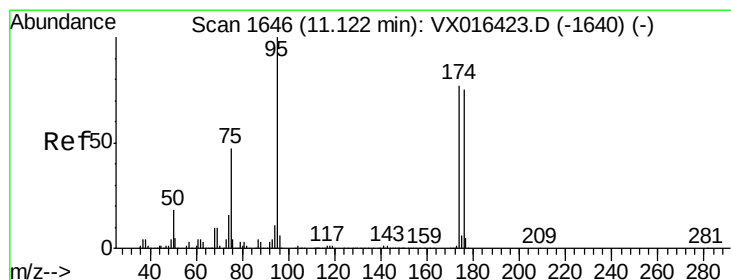
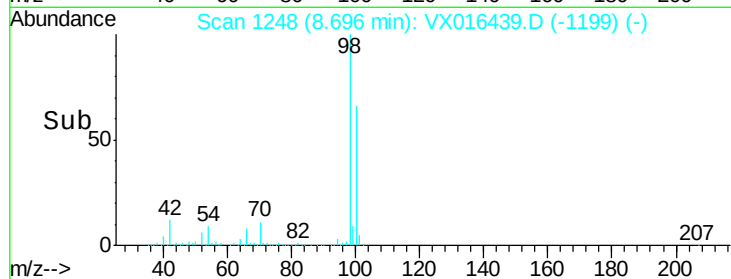
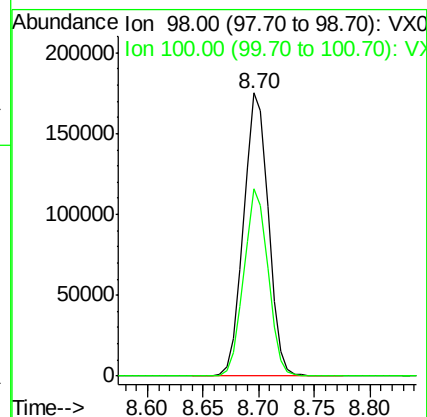
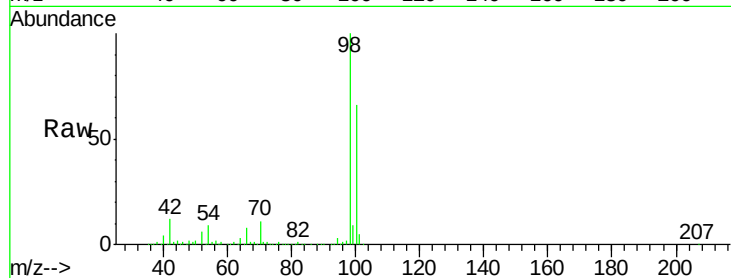
CL-01-052220

Tot Ion: 98 Resp: 270673

Ion Ratio Lower Upper

98 100

100 64.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 58.292 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016439.D

Acq: 26 May 2020 20:43

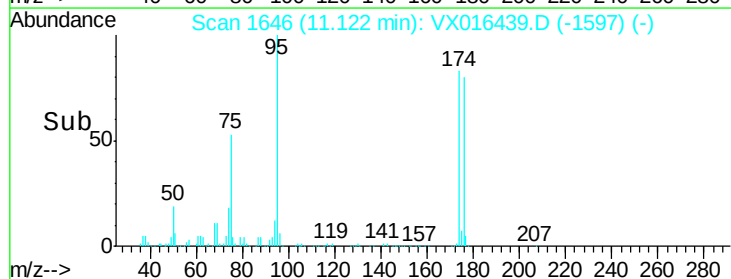
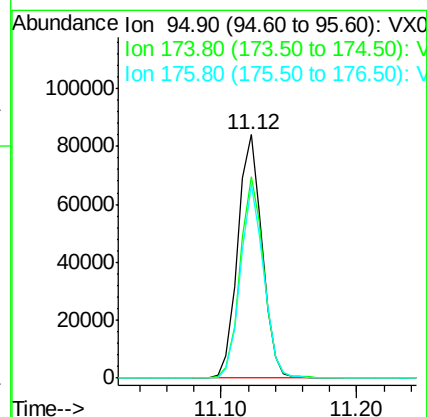
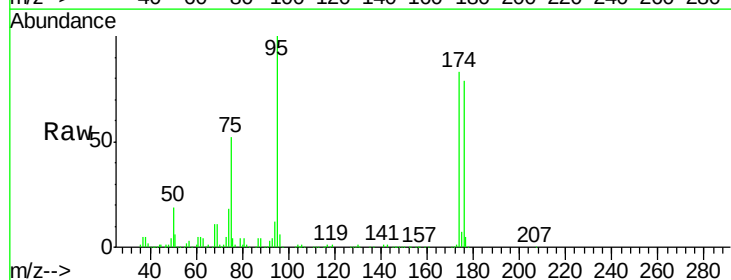
Tgt Ion: 95 Resp: 104430

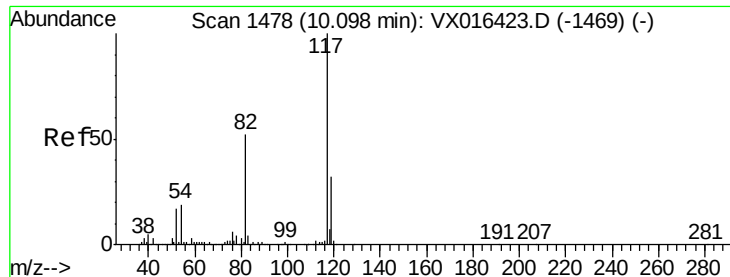
Ion Ratio Lower Upper

95 100

174 80.3 0.0 162.6

176 75.9 0.0 158.2

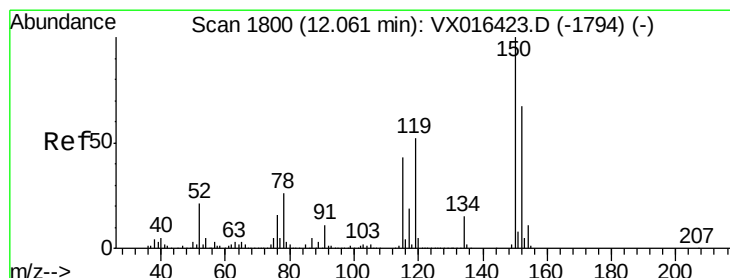
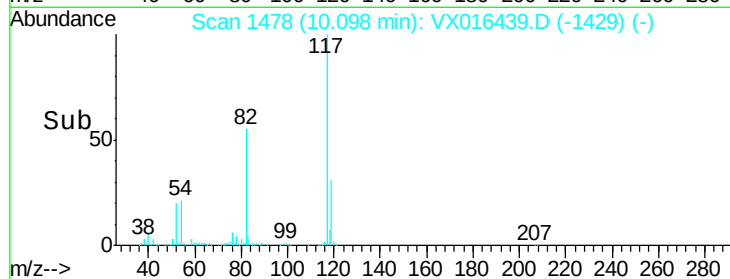
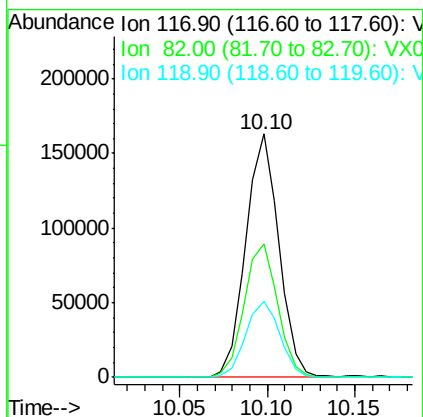
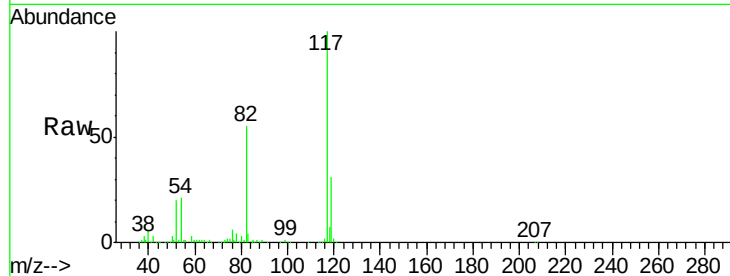




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016439.D
Acq: 26 May 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
CL-01-052220

Tot Ion:117 Resp: 214576
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.6
119 31.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016439.D
Acq: 26 May 2020 20:43

Tgt Ion:152 Resp: 102776
Ion Ratio Lower Upper
152 100
115 58.8 40.4 121.2
150 156.3 0.0 345.8

