

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018081.D
 Acq On : 26 Aug 2020 16:42
 Operator : JC/SP
 Sample : L3785-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CHRT-09

Quant Time: Aug 27 04:48:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

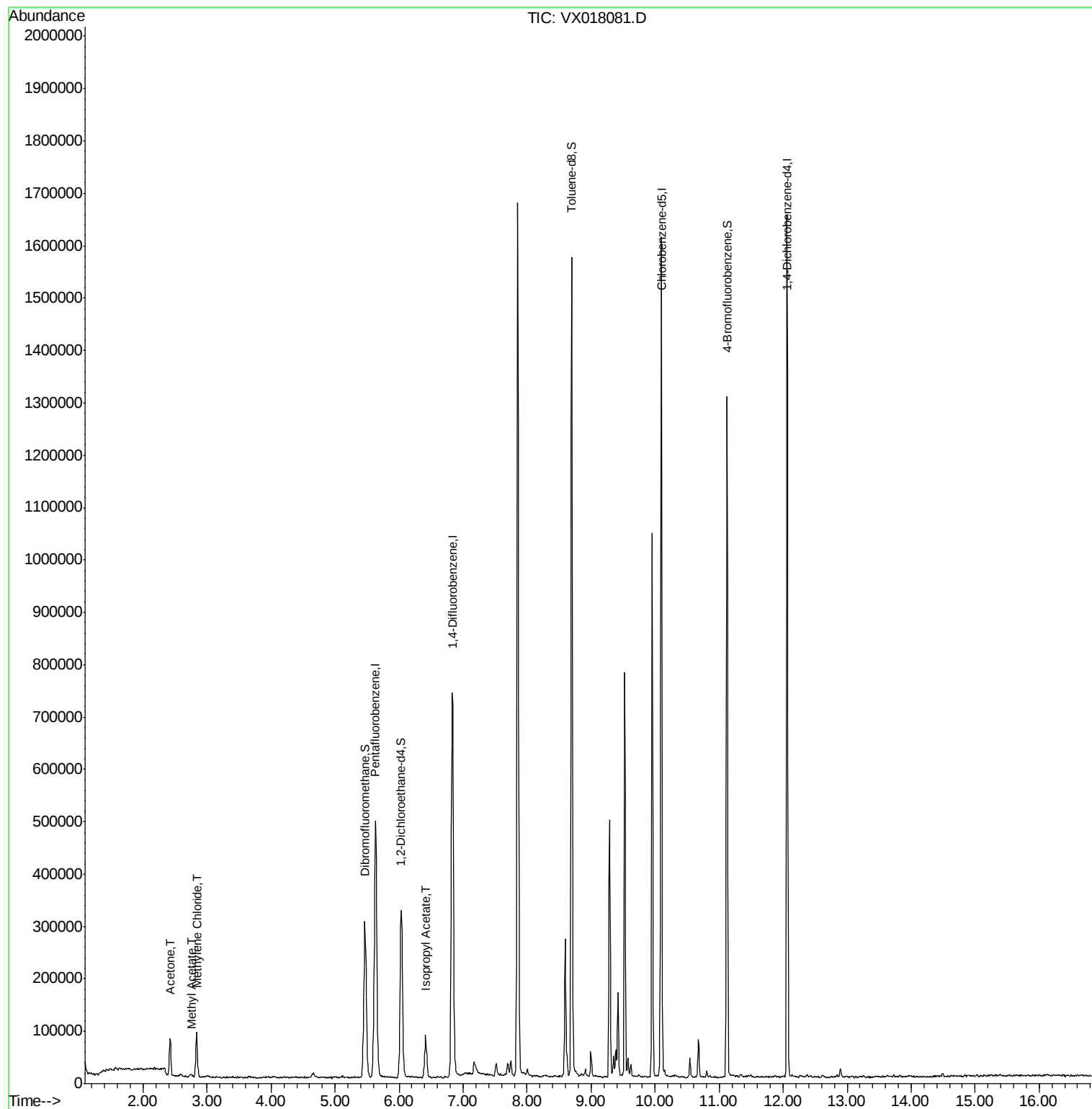
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	449302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	731910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	725134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	323697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	321565	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	5.46	113	249107	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	8.70	98	915368	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.12	95	329885	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
Target Compounds						
16) Acetone	2.42	43	76542	31.492	ug/l	95
18) Methyl Acetate	2.76	43	8704	1.484	ug/l	98
20) Methylene Chloride	2.84	84	38052	6.644	ug/l	90
43) Isopropyl Acetate	6.42	43	106931	8.444	ug/l	99

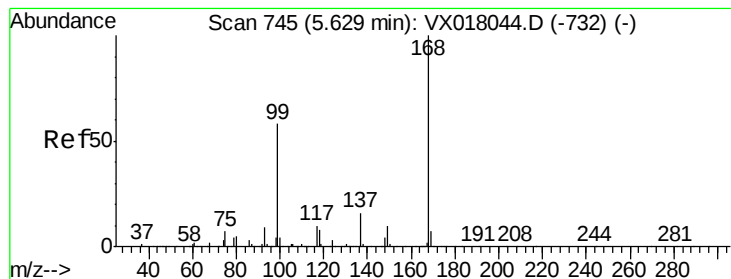
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 03:03:56 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: VX018081.D

Acq: 26 Aug 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

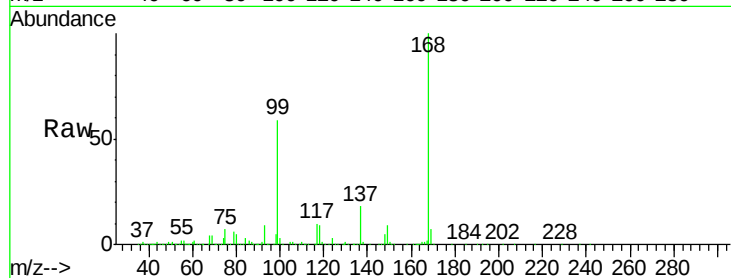
CHRT-09

Tot Ion:168 Resp: 449302

Ion Ratio Lower Upper

168 100

99 58.8 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

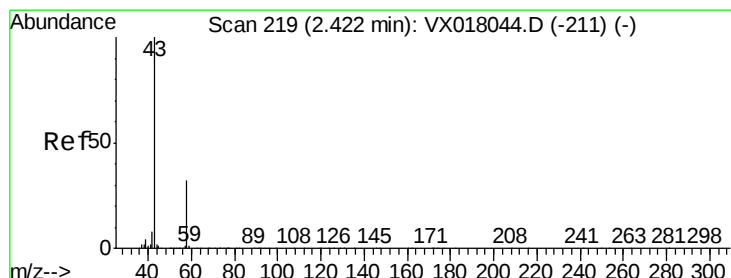
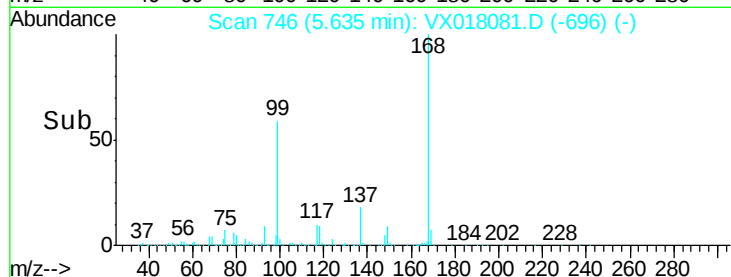
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 31.492 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018081.D

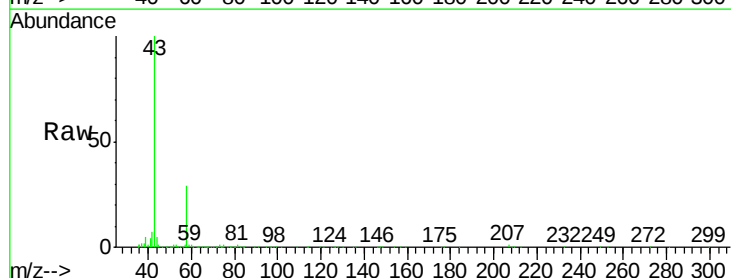
Acq: 26 Aug 2020 16:42

Tgt Ion: 43 Resp: 76542

Ion Ratio Lower Upper

43 100

58 29.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

50000

40000

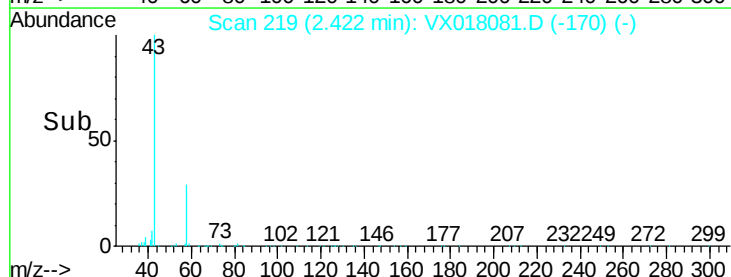
30000

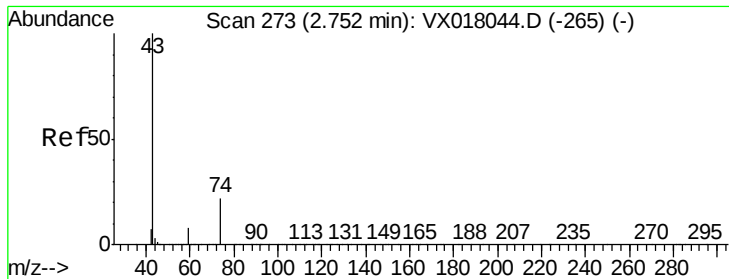
20000

10000

0

Time-->

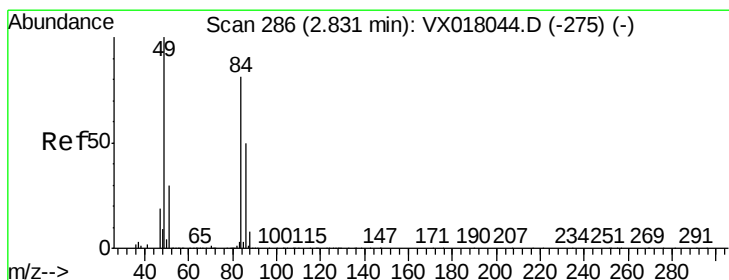
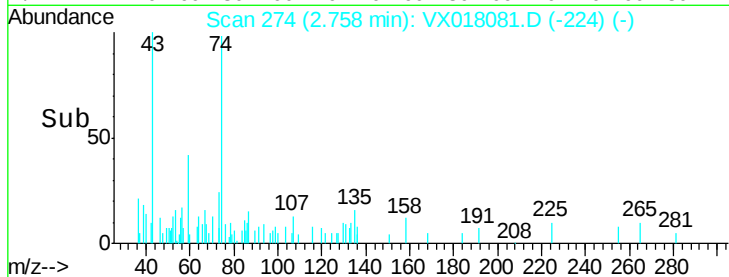
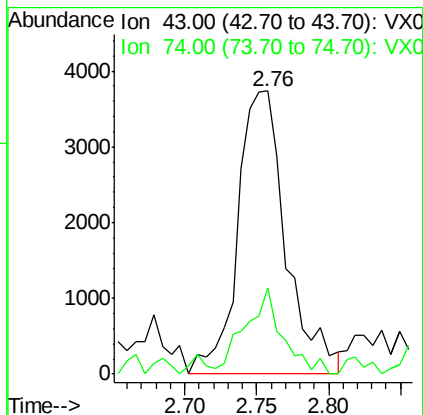
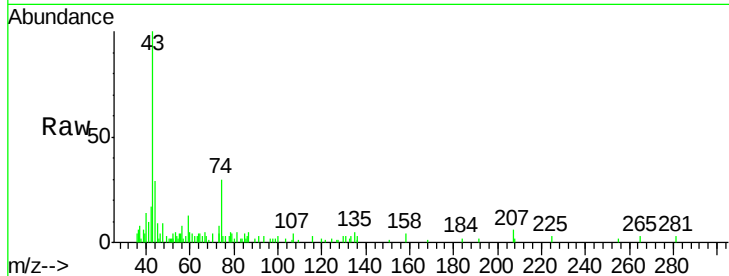




#18
Methyl Acetate
Concen: 1.484 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018081.D
Acq: 26 Aug 2020 16:42

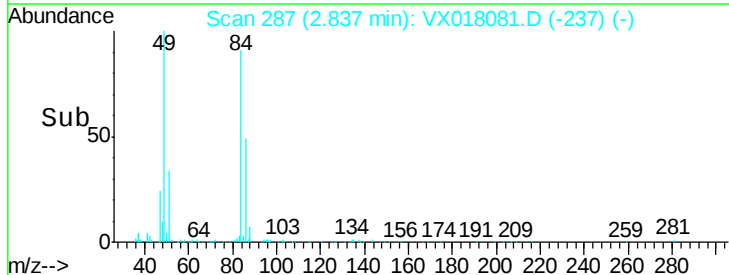
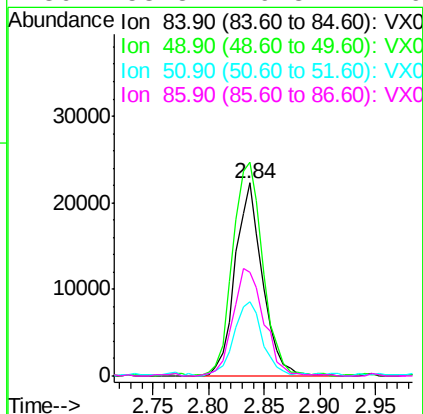
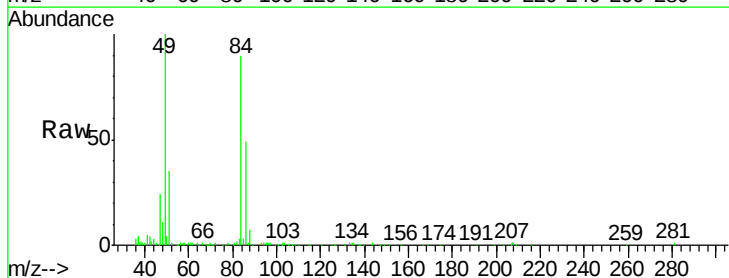
Instrument :
MSVOA_X
ClientSampleId :
CHRT-09

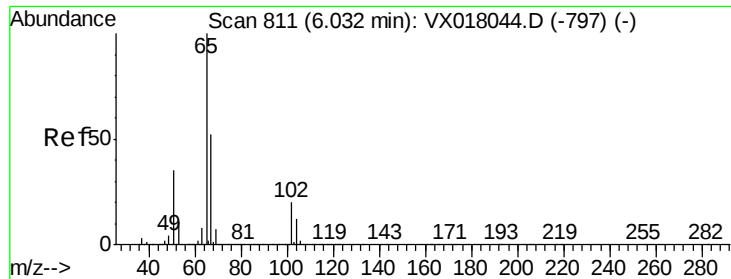
Tot Ion: 43 Resp: 8704
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4



#20
Methylene Chloride
Concen: 6.644 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018081.D
Acq: 26 Aug 2020 16:42

Tgt Ion: 84 Resp: 38052
Ion Ratio Lower Upper
84 100
49 110.2 98.6 148.0
51 37.2 29.6 44.4
86 53.8 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 51.554 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018081.D

Acq: 26 Aug 2020 16:42

Instrument :

MSVOA_X

ClientSampled :

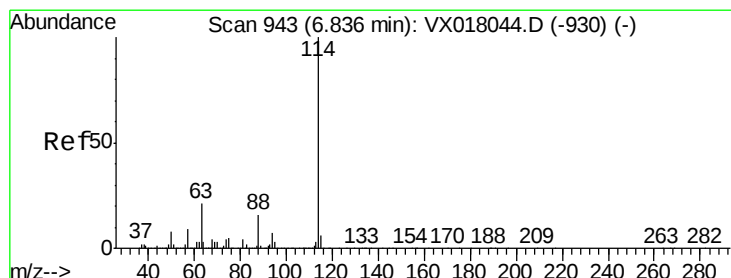
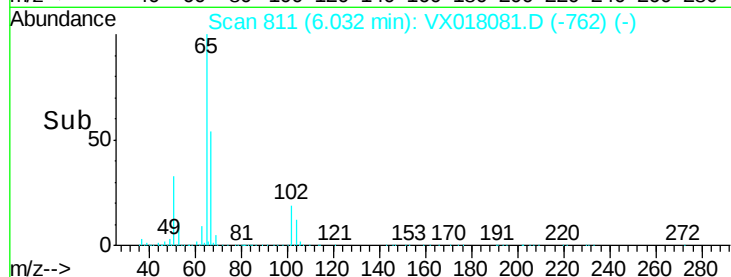
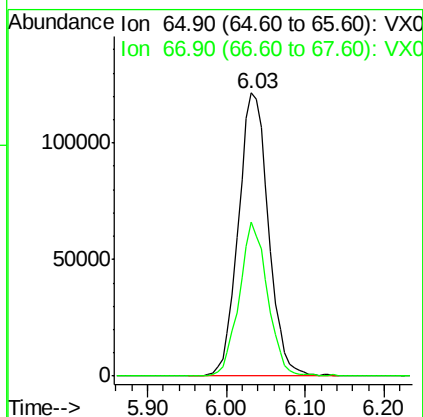
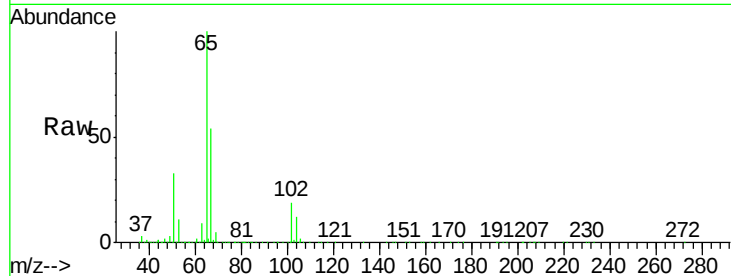
CHRT-09

Tot Ion: 65 Resp: 321565

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018081.D

Acq: 26 Aug 2020 16:42

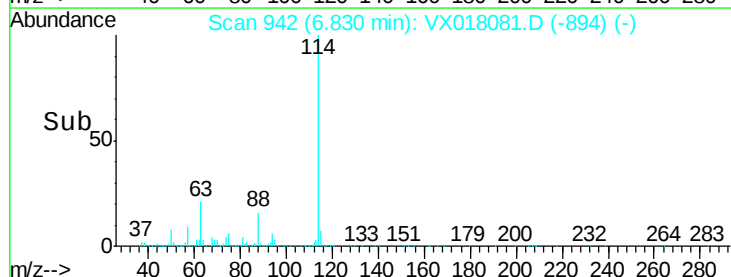
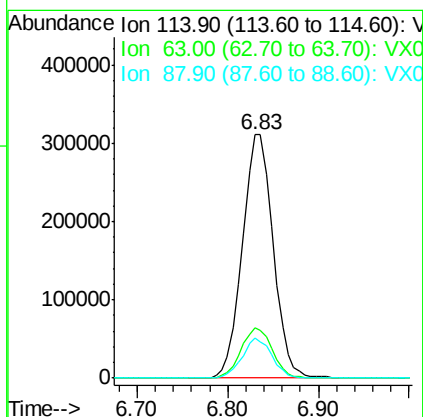
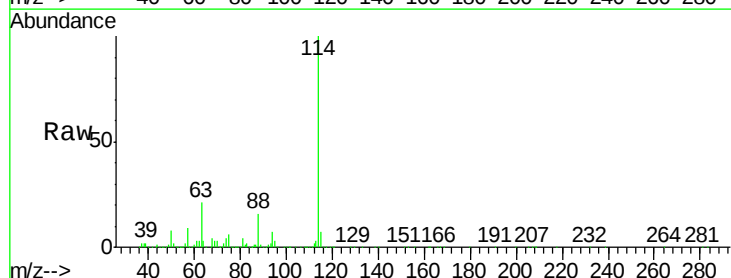
Tgt Ion: 114 Resp: 731910

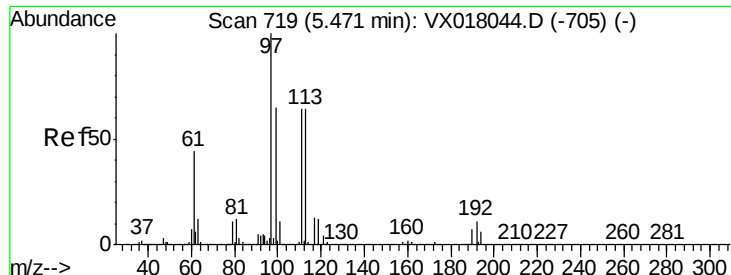
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.975 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018081.D

Acq: 26 Aug 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

CHRT-09

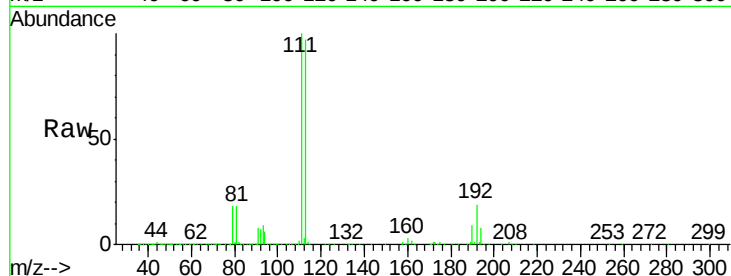
Tot Ion:113 Resp: 249107

Ion Ratio Lower Upper

113 100

111 105.9 81.6 122.4

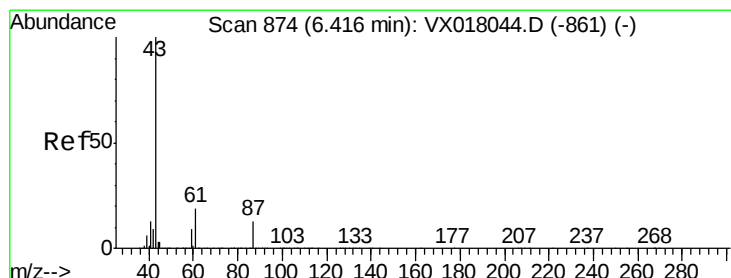
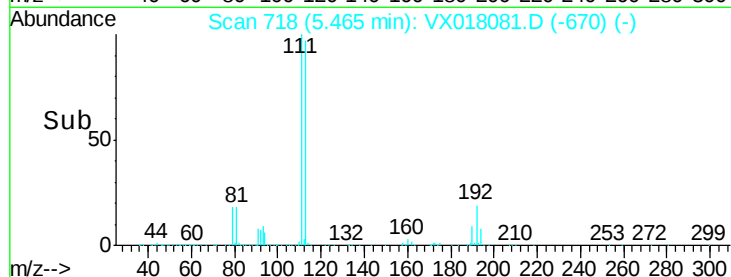
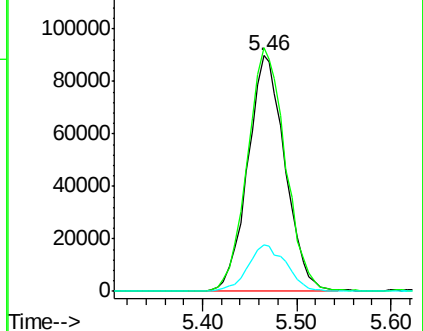
192 20.5 15.8 23.8



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: 8.444 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018081.D

Acq: 26 Aug 2020 16:42

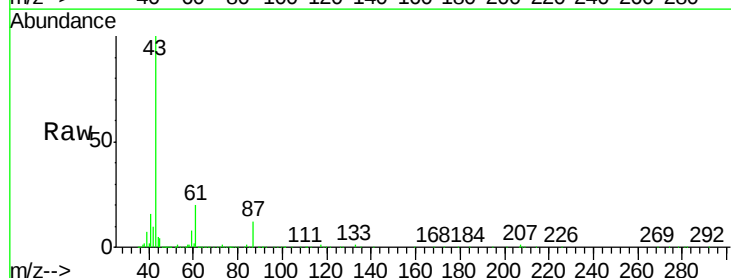
Tgt Ion: 43 Resp: 106931

Ion Ratio Lower Upper

43 100

61 18.9 15.7 23.5

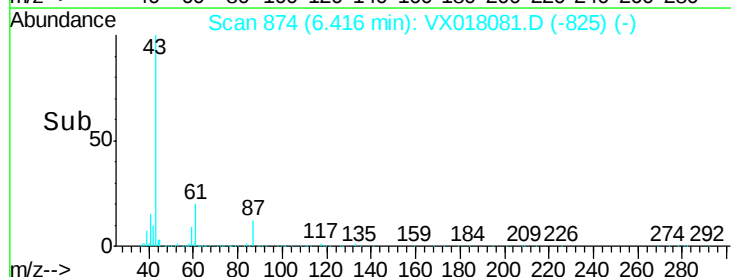
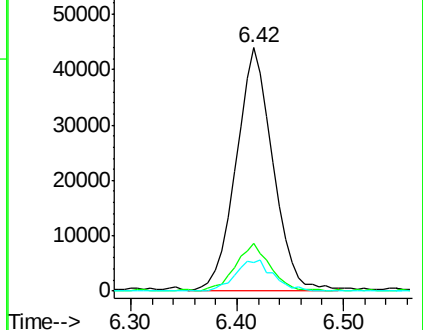
87 13.3 10.3 15.5

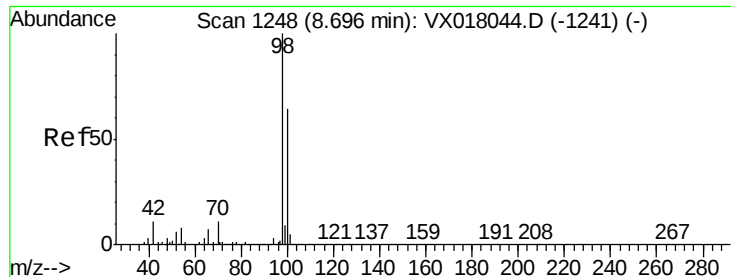


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.304 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018081.D

Acq: 26 Aug 2020 16:42

Instrument :

MSVOA_X

ClientSampleId :

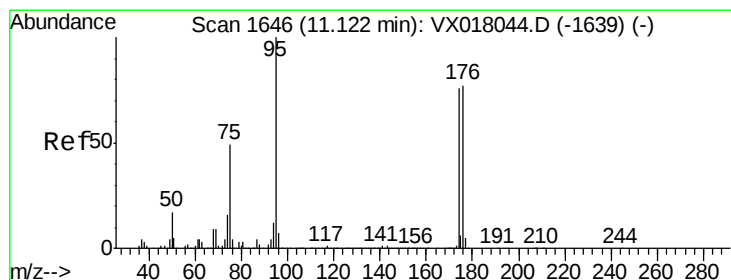
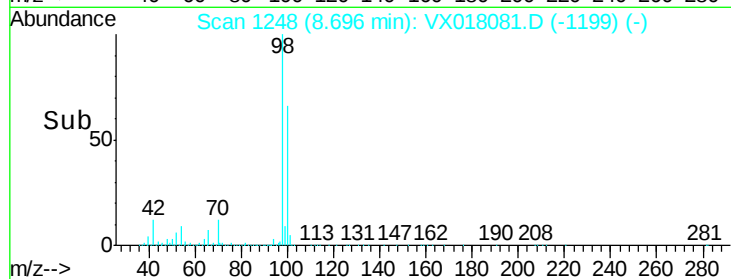
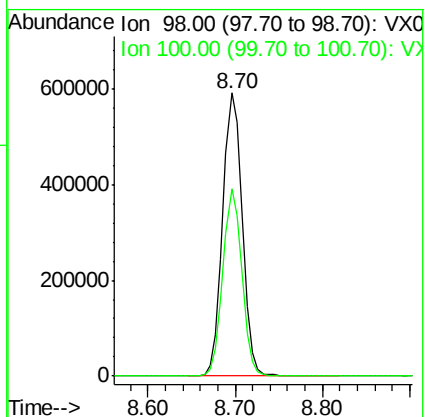
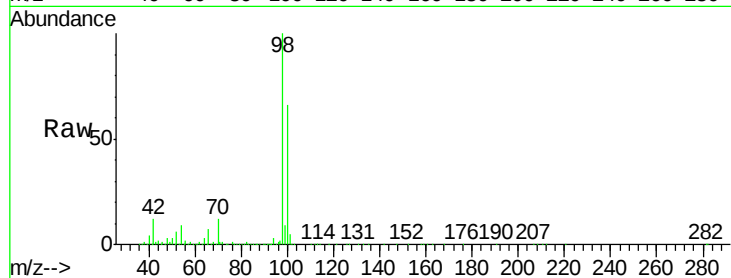
CHRT-09

Tot Ion: 98 Resp: 915368

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.162 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018081.D

Acq: 26 Aug 2020 16:42

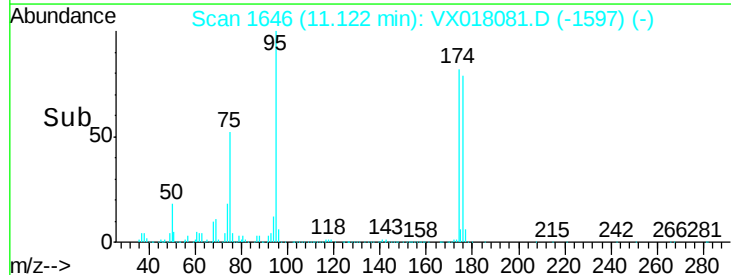
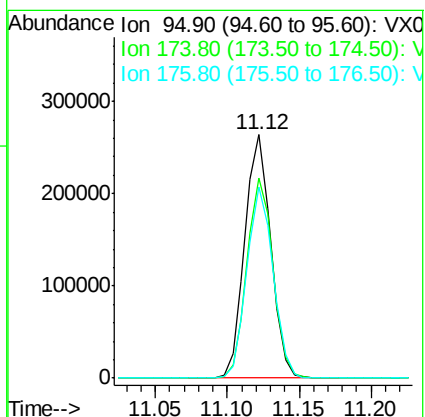
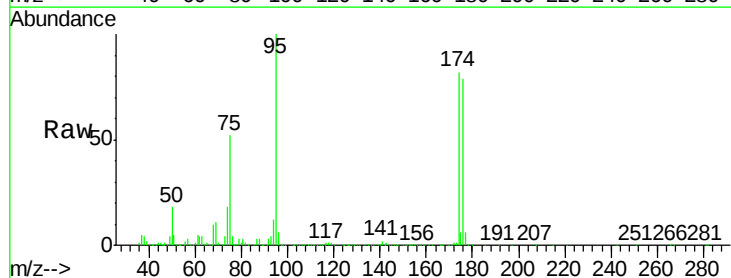
Tgt Ion: 95 Resp: 329885

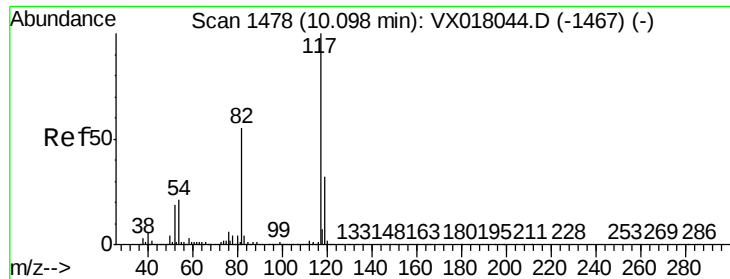
Ion Ratio Lower Upper

95 100

174 82.3 0.0 160.2

176 78.9 0.0 155.8

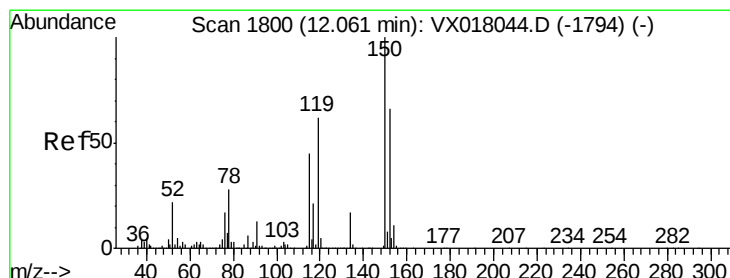
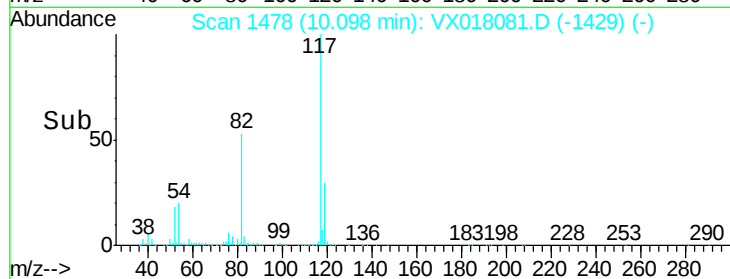
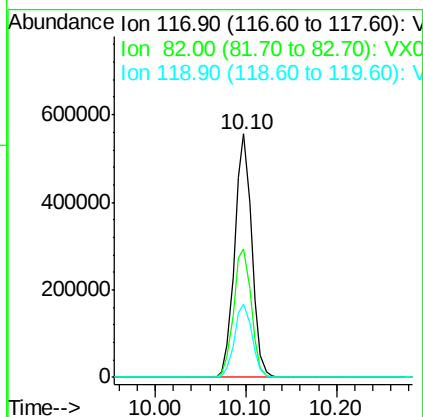
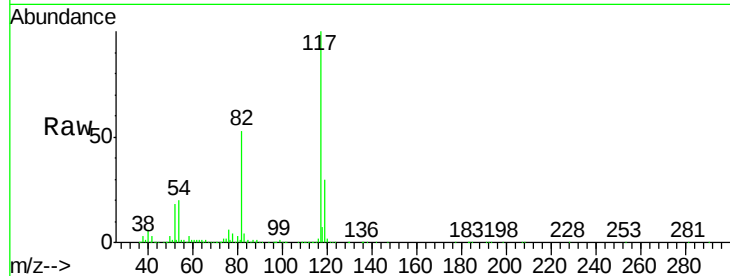




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018081.D
Acq: 26 Aug 2020 16:42

Instrument :
MSVOA_X
ClientSampleId :
CHRT-09

Tot Ion:117 Resp: 725134
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 30.4 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: VX018081.D
Acq: 26 Aug 2020 16:42

Tgt Ion:152 Resp: 323697
Ion Ratio Lower Upper
152 100
115 59.1 41.5 124.5
150 157.8 0.0 343.8

