

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017580.D
 Acq On : 25 Jul 2020 08:47
 Operator : JC/SP
 Sample : L3382-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CTR-007

Quant Time: Jul 27 02:06:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

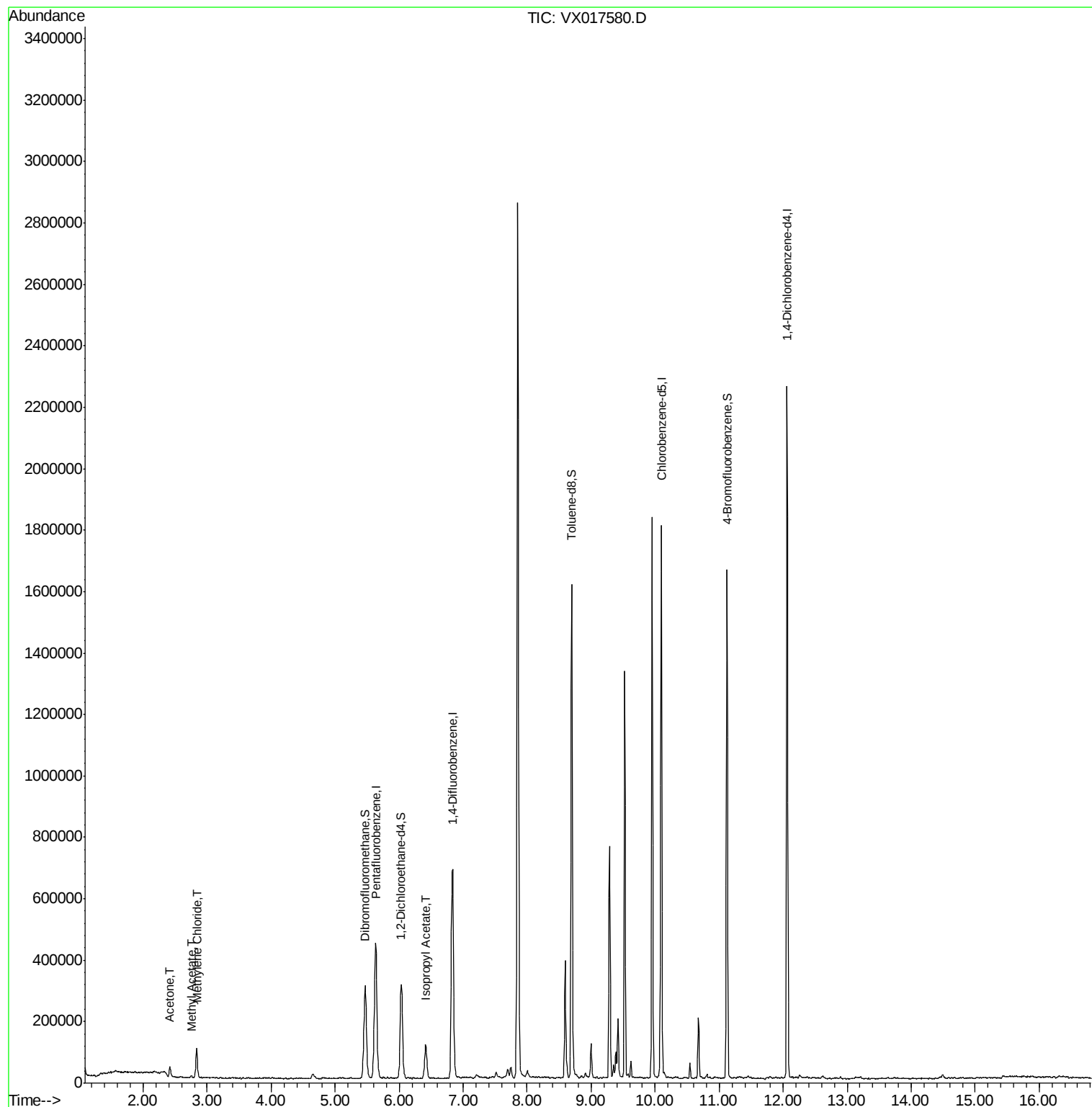
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	430608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	719711	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	821064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	455375	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	313020	56.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.18%	
35) Dibromofluoromethane	5.47	113	261404	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
50) Toluene-d8	8.70	98	967012	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
62) 4-Bromofluorobenzene	11.12	95	410108	59.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.02%	
Target Compounds						
16) Acetone	2.42	43	33984	13.959	ug/l	98
18) Methyl Acetate	2.76	43	8007	1.396	ug/l #	84
20) Methylene Chloride	2.84	84	44595	8.664	ug/l	96
43) Isopropyl Acetate	6.42	43	150535	12.080	ug/l	99

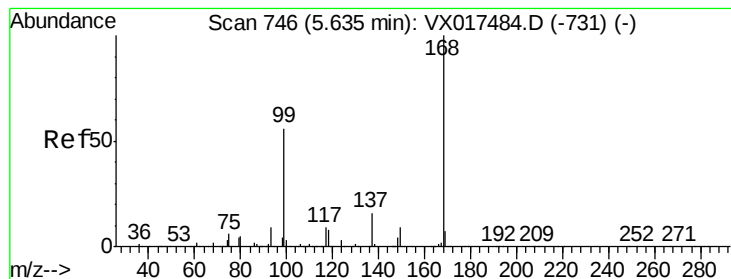
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017580.D

Acq: 25 Jul 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

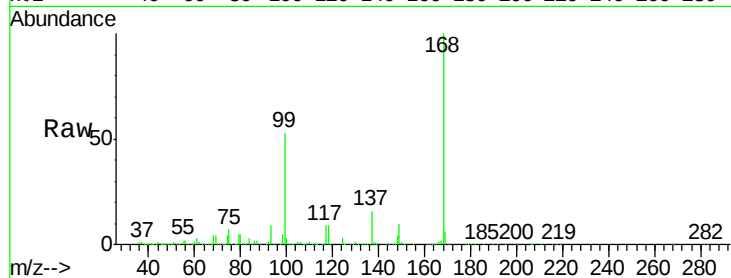
CTR-007

Tgt Ion:168 Resp: 430608

Ion Ratio Lower Upper

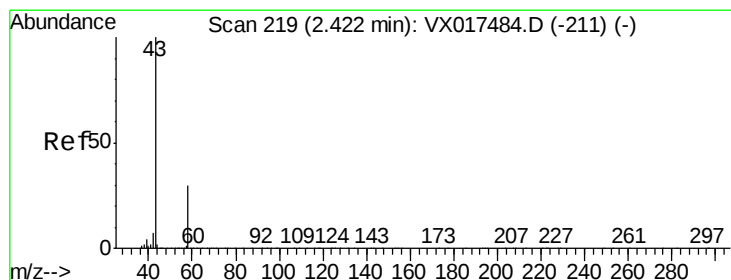
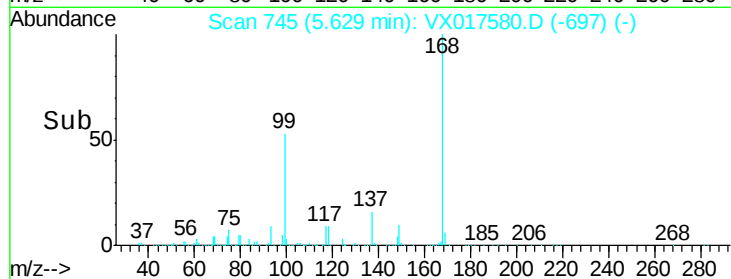
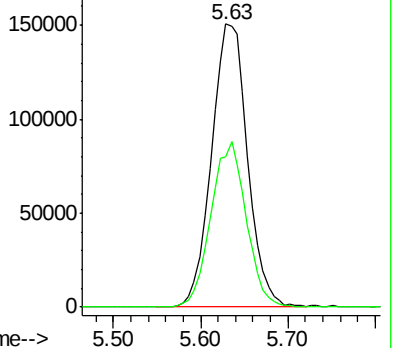
168 100

99 53.0 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 13.959 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017580.D

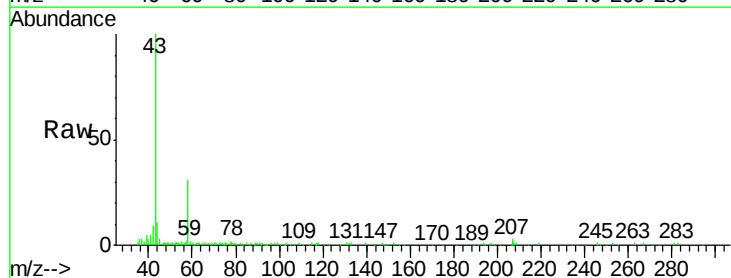
Acq: 25 Jul 2020 08:47

Tgt Ion: 43 Resp: 33984

Ion Ratio Lower Upper

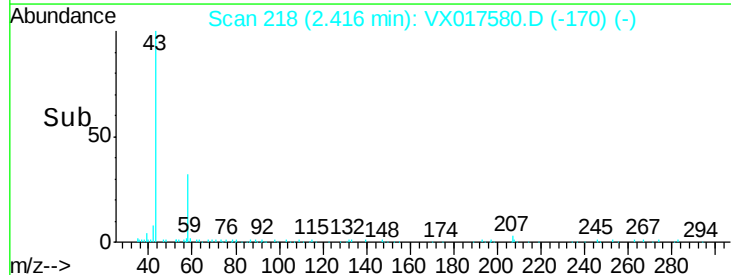
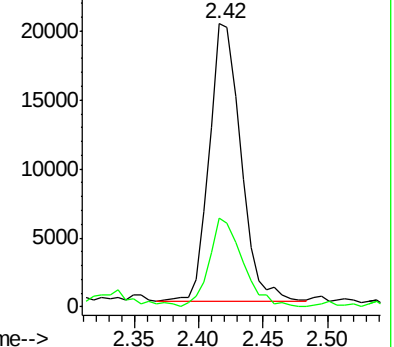
43 100

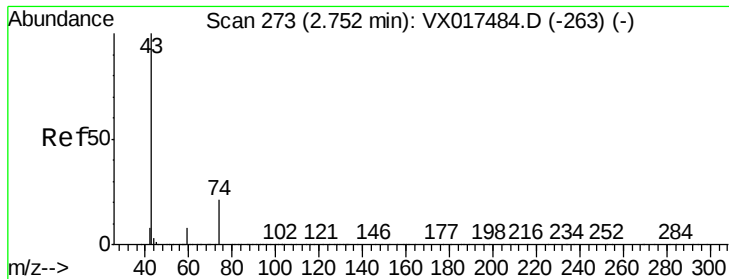
58 31.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

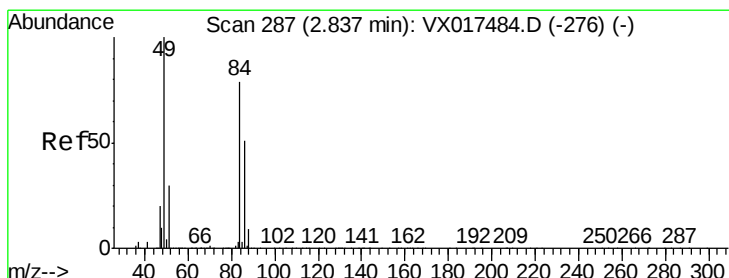
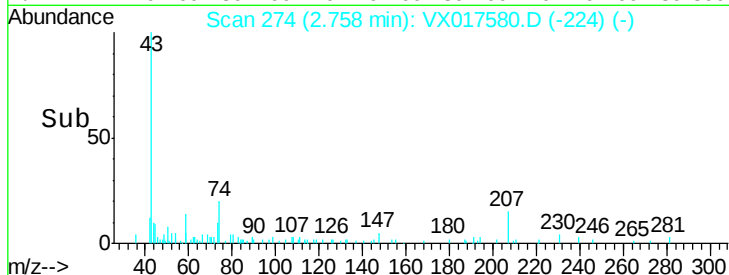
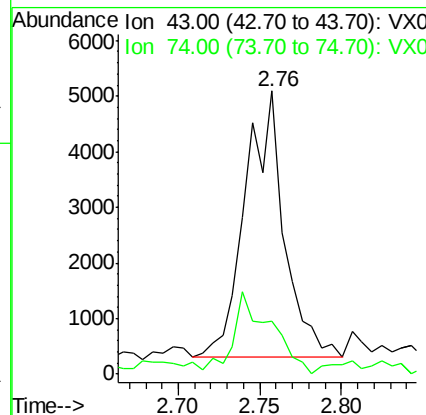
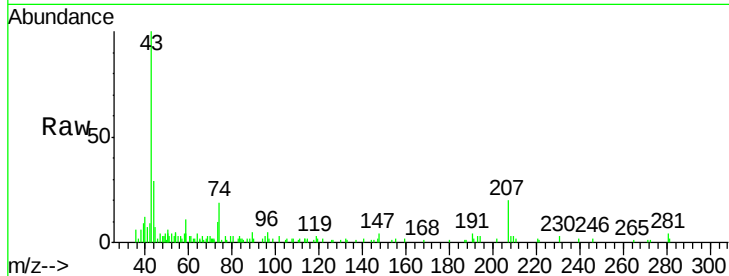




#18
Methyl Acetate
Concen: 1.396 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX017580.D
Acq: 25 Jul 2020 08:47

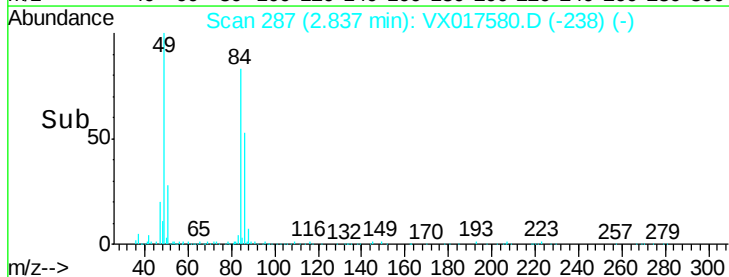
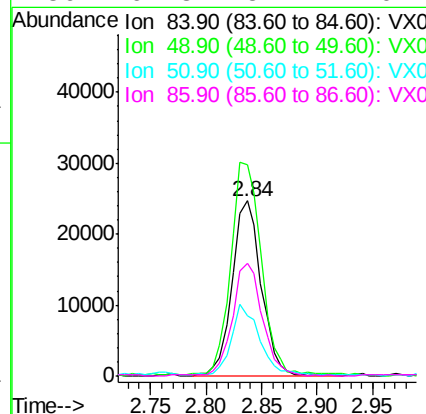
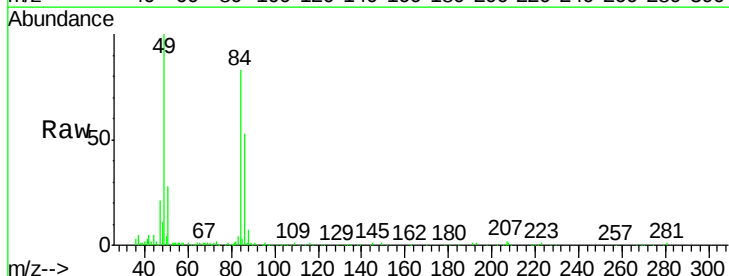
Instrument :
MSVOA_X
ClientSampleId :
CTR-007

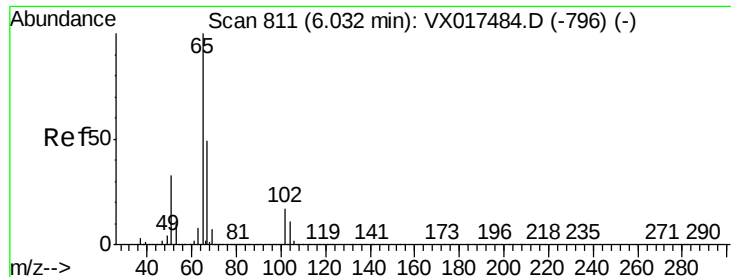
Tgt Ion: 43 Resp: 8007
Ion Ratio Lower Upper
43 100
74 29.7 17.5 26.3#



#20
Methylene Chloride
Concen: 8.664 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017580.D
Acq: 25 Jul 2020 08:47

Tgt Ion: 84 Resp: 44595
Ion Ratio Lower Upper
84 100
49 120.1 100.3 150.5
51 33.5 30.5 45.7
86 64.3 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 56.590 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017580.D

Acq: 25 Jul 2020 08:47

Instrument :

MSVOA_X

ClientSampled :

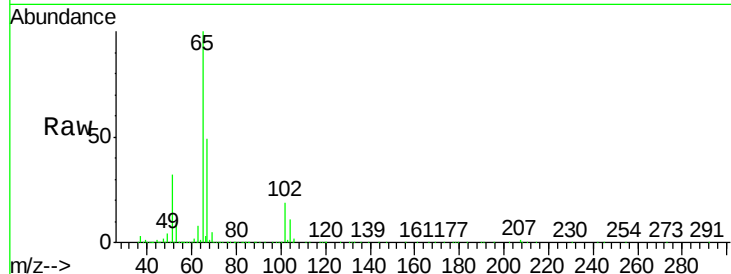
CTR-007

Tgt Ion: 65 Resp: 313020

Ion Ratio Lower Upper

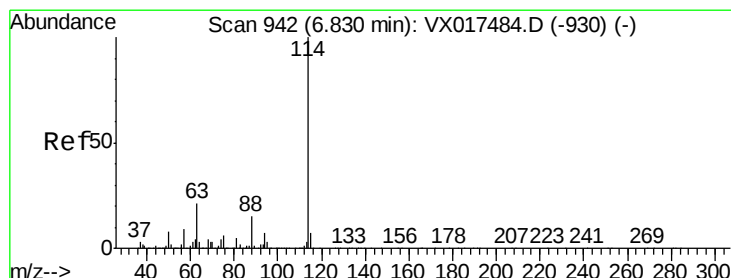
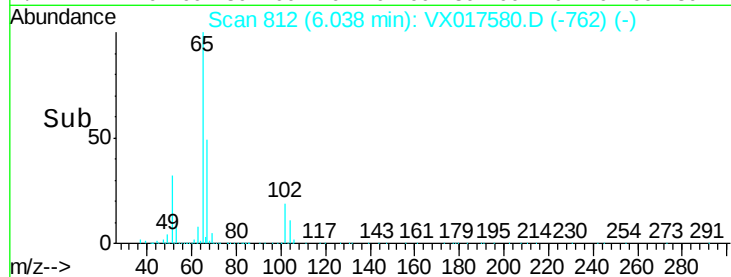
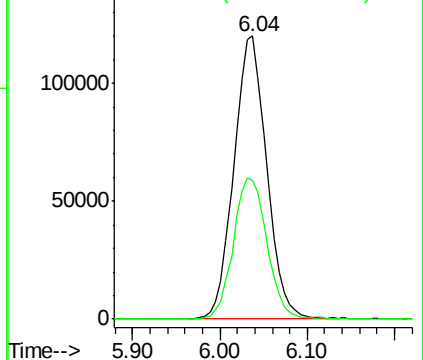
65 100

67 51.4 0.0 102.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017580.D

Acq: 25 Jul 2020 08:47

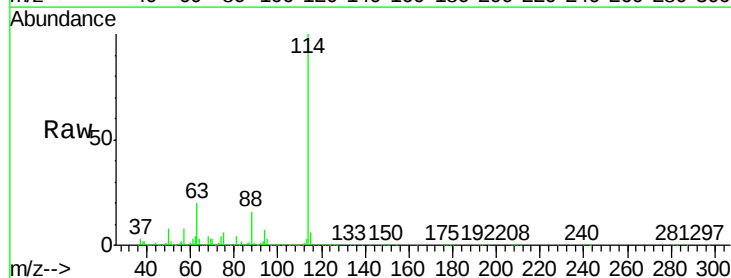
Tgt Ion: 114 Resp: 719711

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

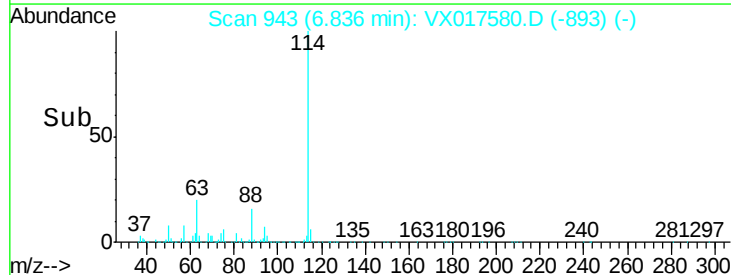
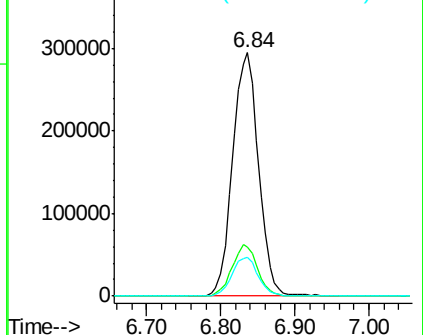
88 16.1 0.0 33.4

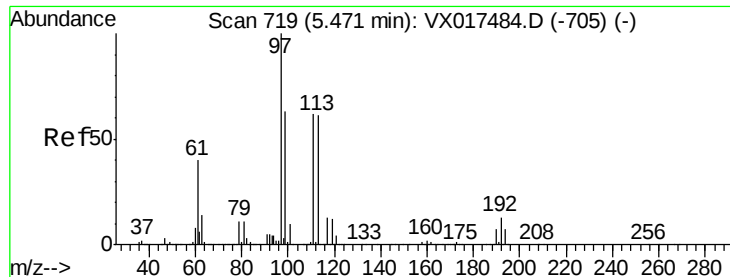


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.307 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017580.D

Acq: 25 Jul 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

CTR-007

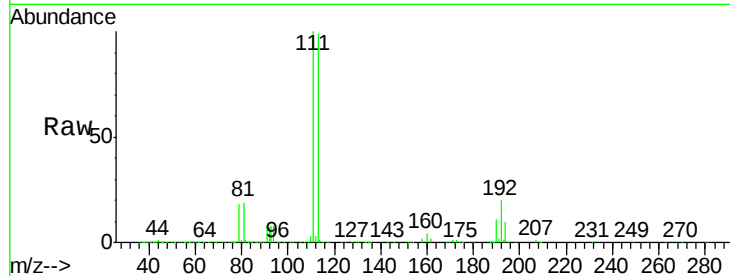
Tgt Ion:113 Resp: 261404

Ion Ratio Lower Upper

113 100

111 101.6 80.7 121.1

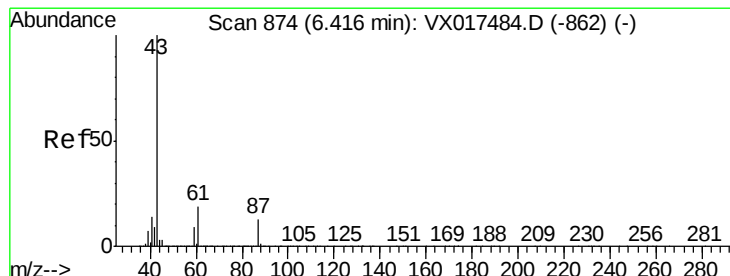
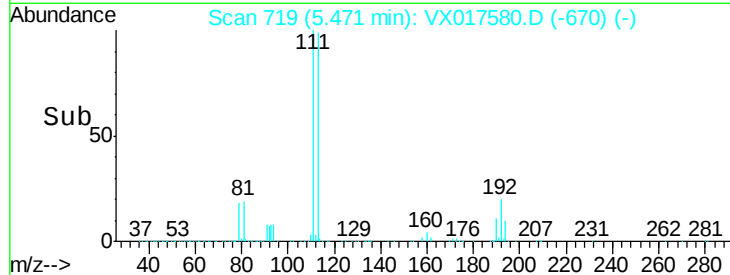
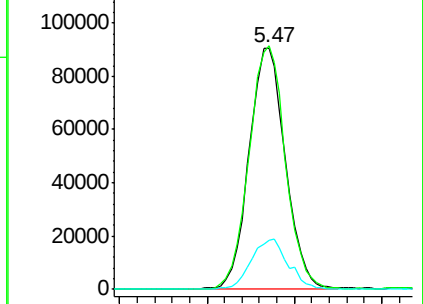
192 21.1 16.9 25.3



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: 12.080 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017580.D

Acq: 25 Jul 2020 08:47

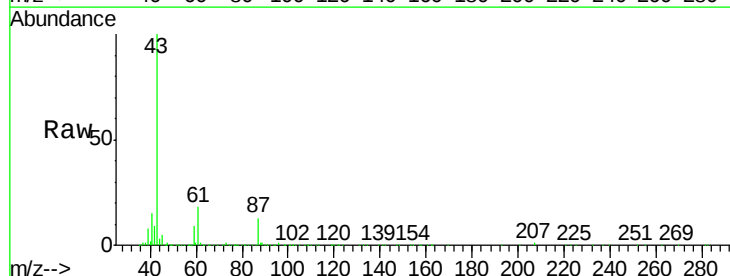
Tgt Ion: 43 Resp: 150535

Ion Ratio Lower Upper

43 100

61 19.2 15.5 23.3

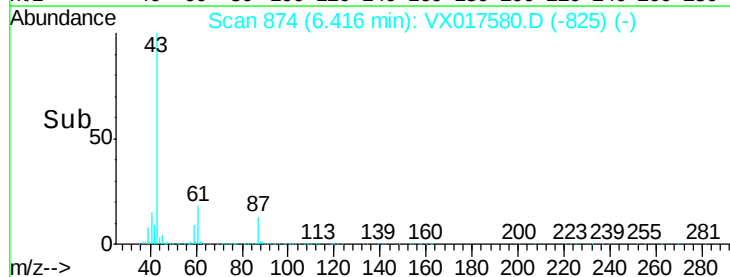
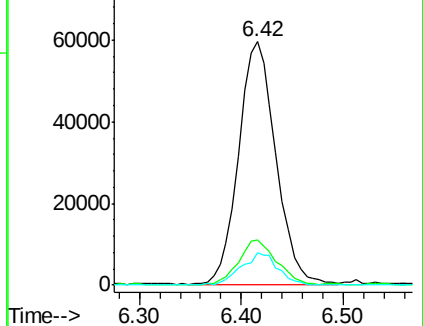
87 12.9 10.5 15.7

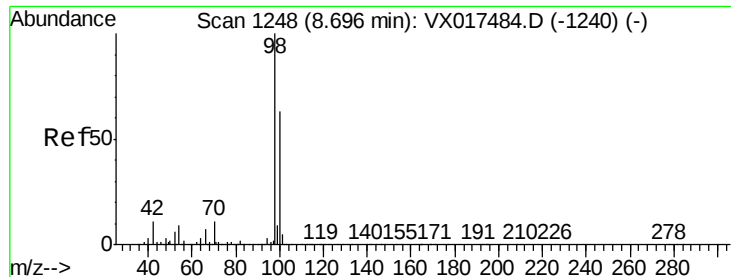


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 55.689 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017580.D

Acq: 25 Jul 2020 08:47

Instrument :

MSVOA_X

ClientSampleId :

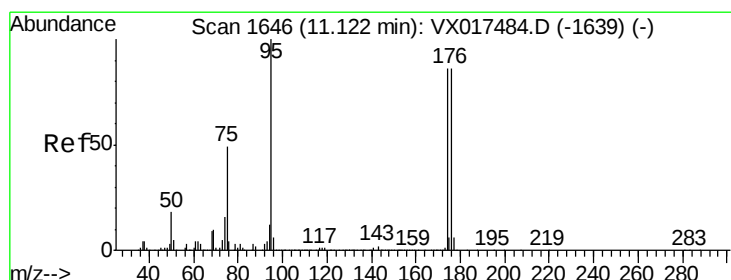
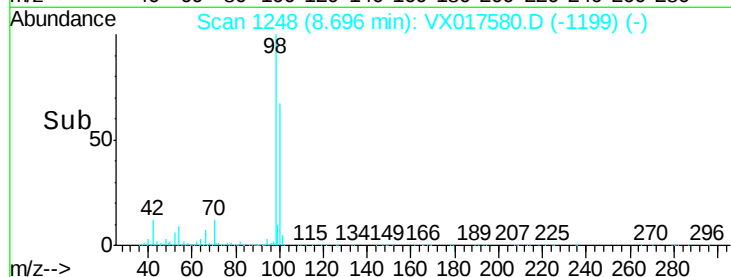
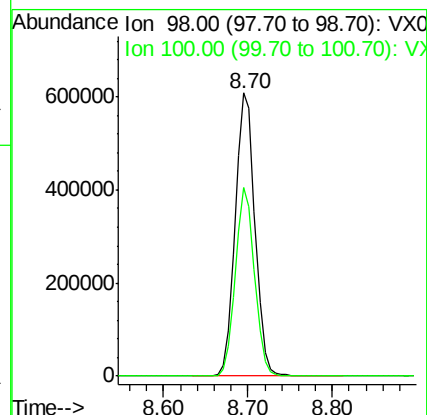
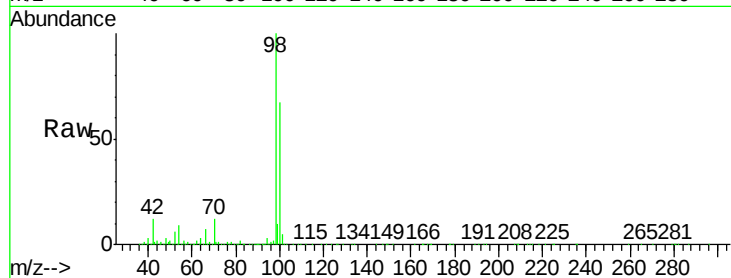
CTR-007

Tgt Ion: 98 Resp: 967012

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 59.014 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017580.D

Acq: 25 Jul 2020 08:47

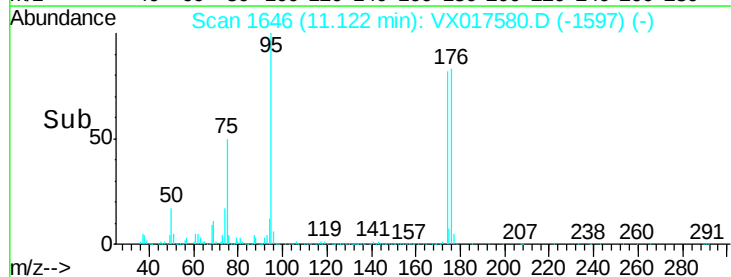
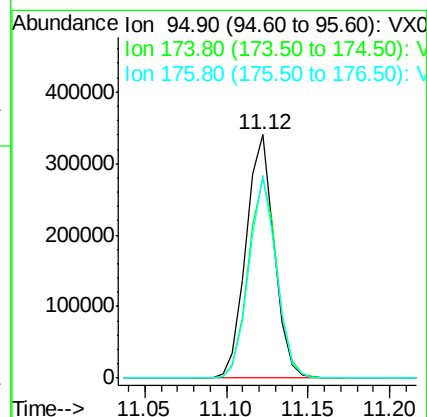
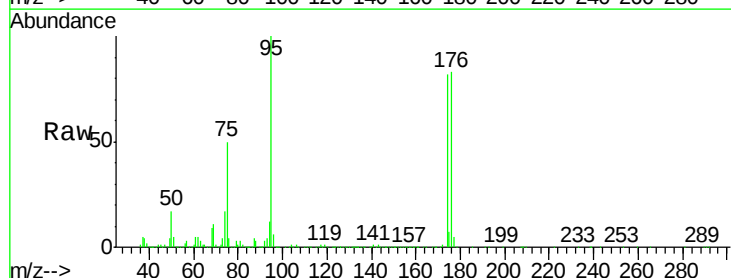
Tgt Ion: 95 Resp: 410108

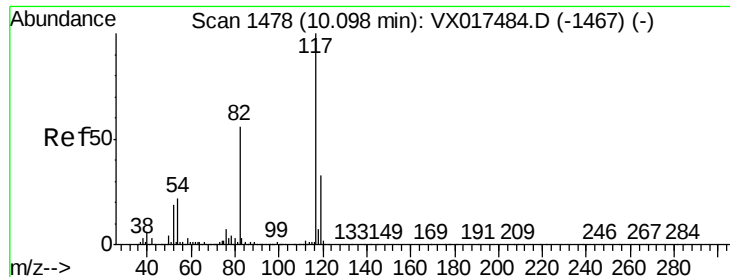
Ion Ratio Lower Upper

95 100

174 83.9 0.0 169.0

176 81.0 0.0 161.0

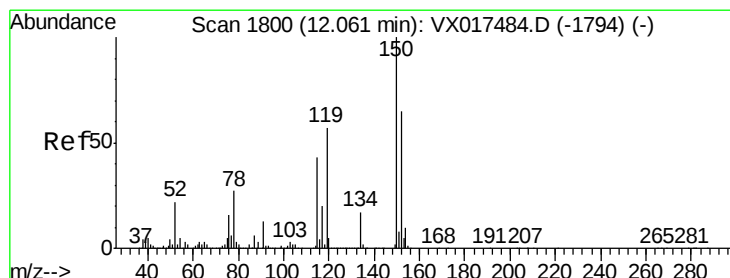
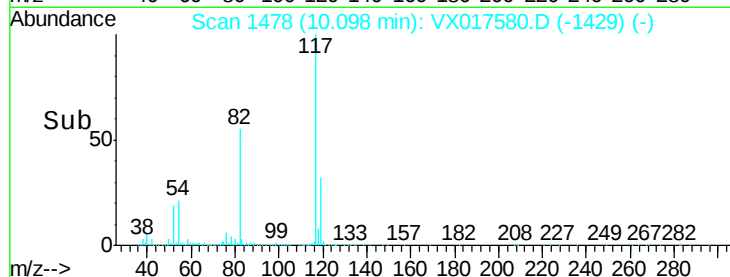
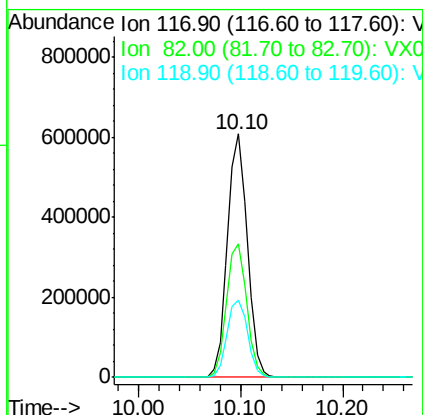
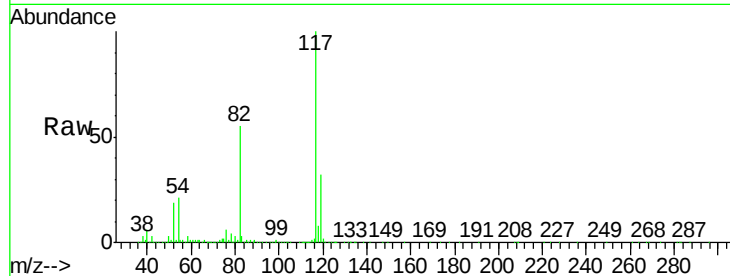




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017580.D
Acq: 25 Jul 2020 08:47

Instrument :
MSVOA_X
ClientSampleId :
CTR-007

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.0	66.0
119	31.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017580.D
Acq: 25 Jul 2020 08:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	65.5	196.6#
150	158.9	0.0	412.6

