

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017604.D
 Acq On : 25 Jul 2020 18:17
 Operator : JC/SP
 Sample : L3383-31
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CRT-002

Quant Time: Jul 27 04:11:09 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

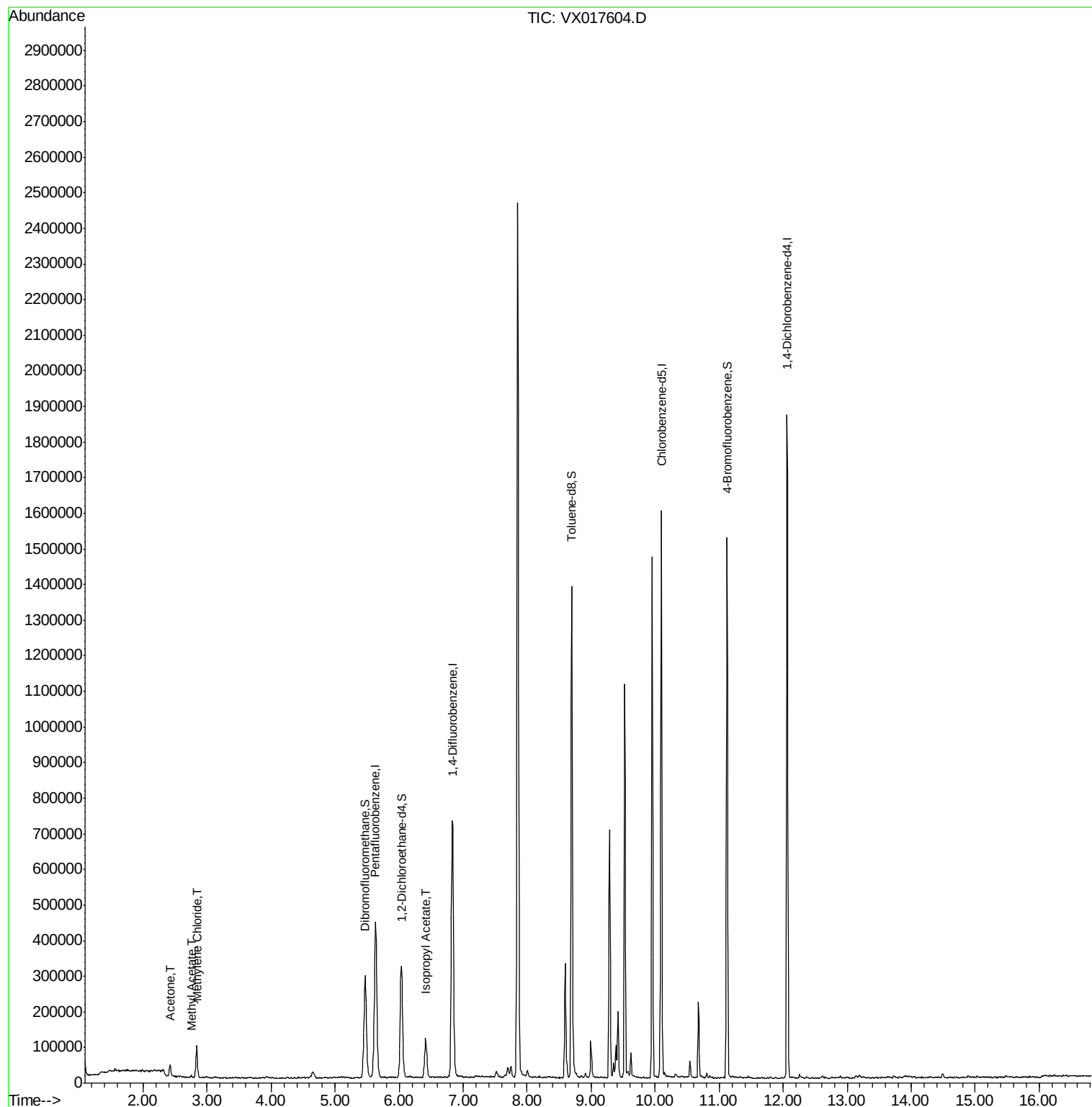
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	419659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	733036	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	704767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	383237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	315904	58.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.20%	
35) Dibromofluoromethane	5.47	113	244846	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	8.70	98	818077	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
62) 4-Bromofluorobenzene	11.12	95	370105	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
Target Compounds						
16) Acetone	2.42	43	34054	14.353	ug/l	97
18) Methyl Acetate	2.75	43	7185	1.286	ug/l #	81
20) Methylene Chloride	2.84	84	41157	8.135	ug/l	97
43) Isopropyl Acetate	6.42	43	148969	11.737	ug/l	99

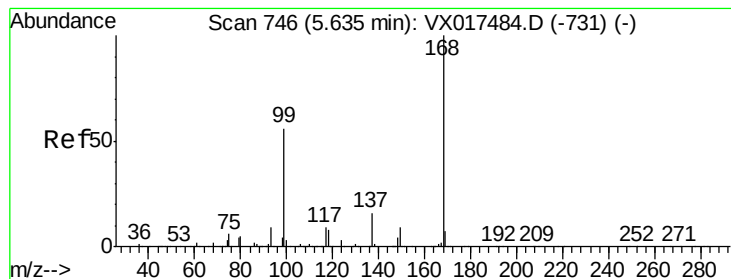
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX017604.D

Acq: 25 Jul 2020 18:17

Instrument :

MSVOA_X

ClientSampleId :

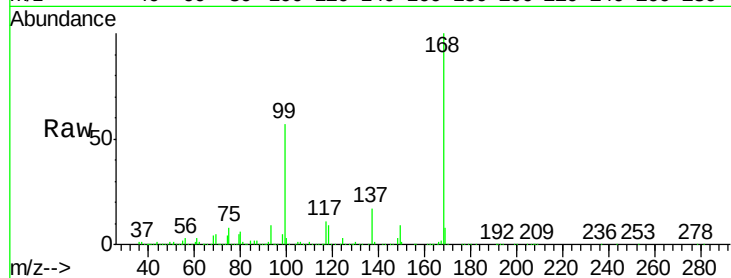
CRT-002

Tgt Ion:168 Resp: 419659

Ion Ratio Lower Upper

168 100

99 57.1 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

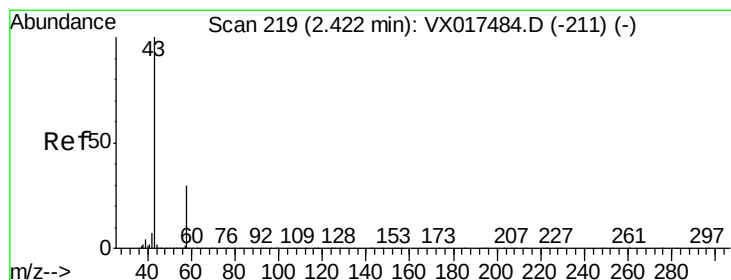
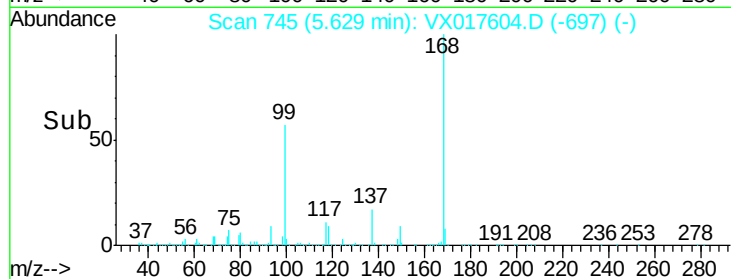
150000

100000

50000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 14.353 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017604.D

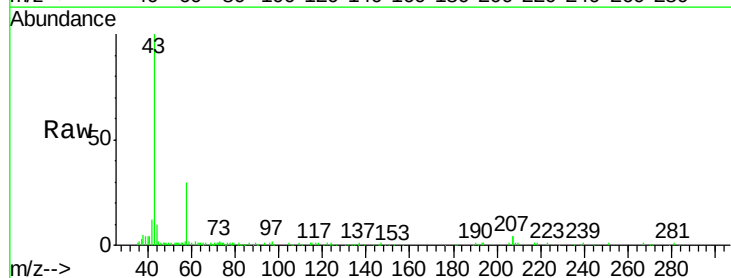
Acq: 25 Jul 2020 18:17

Tgt Ion: 43 Resp: 34054

Ion Ratio Lower Upper

43 100

58 28.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

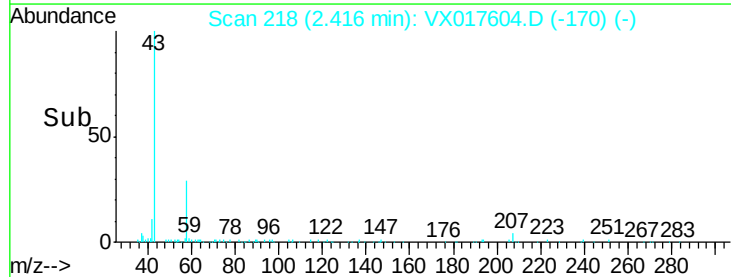
15000

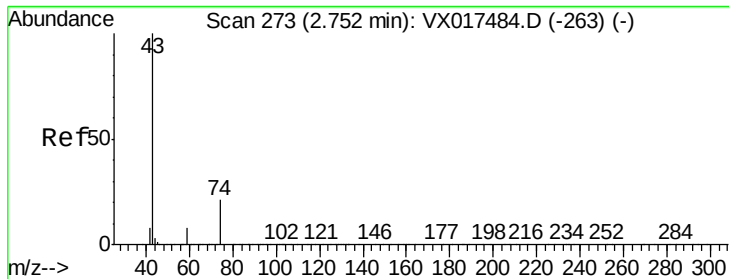
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

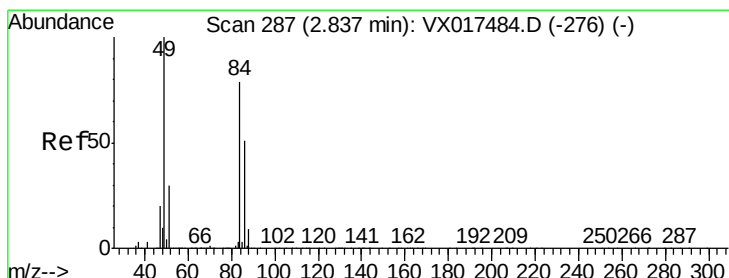
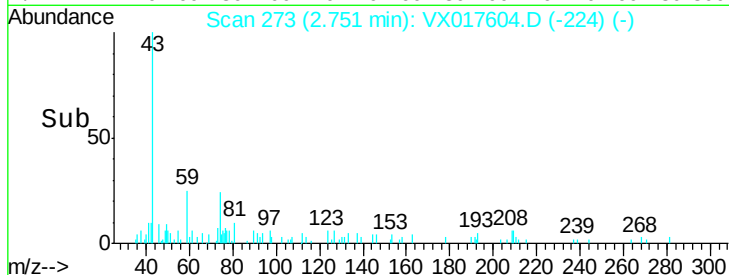
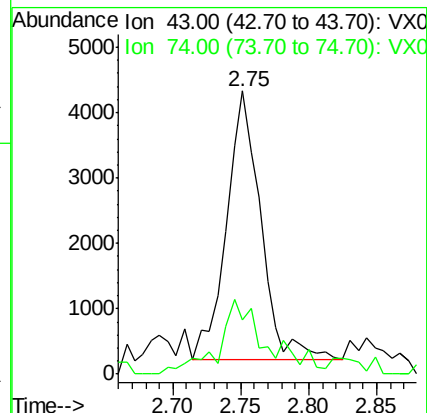
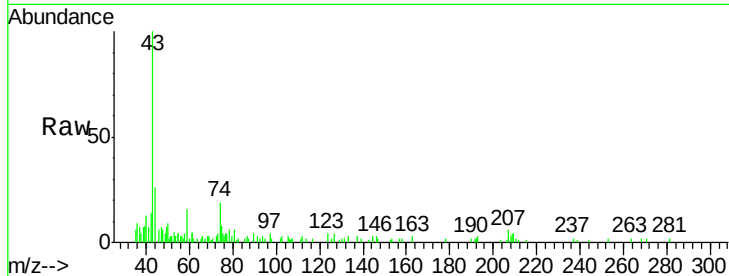




#18
Methyl Acetate
Concen: 1.286 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

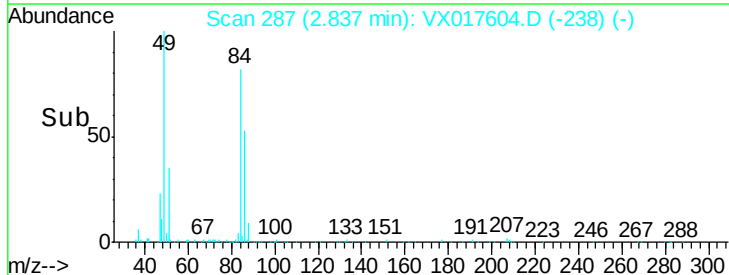
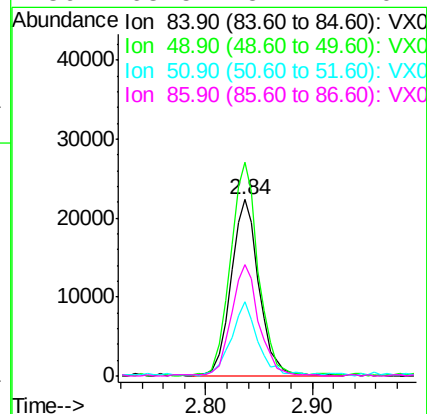
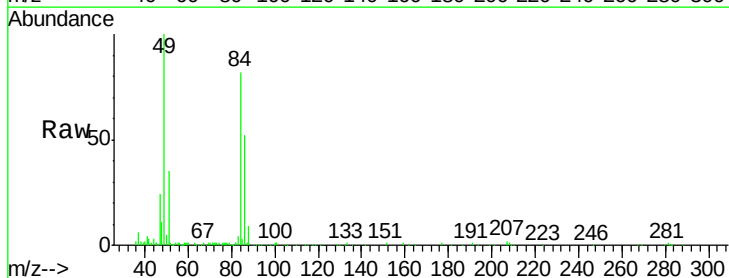
Instrument :
MSVOA_X
ClientSampleId :
CRT-002

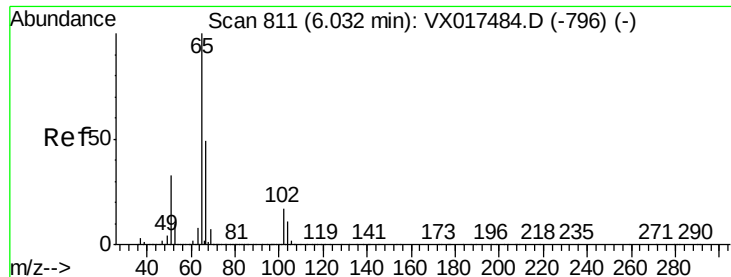
Tgt Ion: 43 Resp: 7185
Ion Ratio Lower Upper
43 100
74 31.1 17.5 26.3#



#20
Methylene Chloride
Concen: 8.135 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 84 Resp: 41157
Ion Ratio Lower Upper
84 100
49 120.6 100.3 150.5
51 41.5 30.5 45.7
86 63.5 51.1 76.7

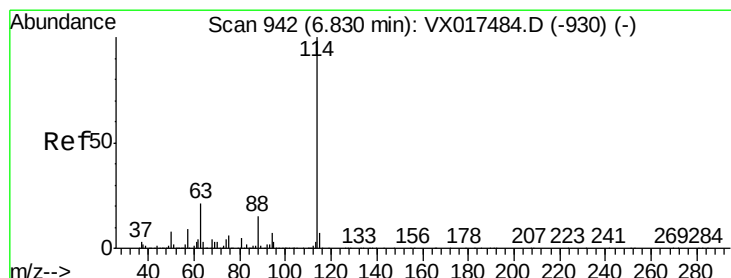
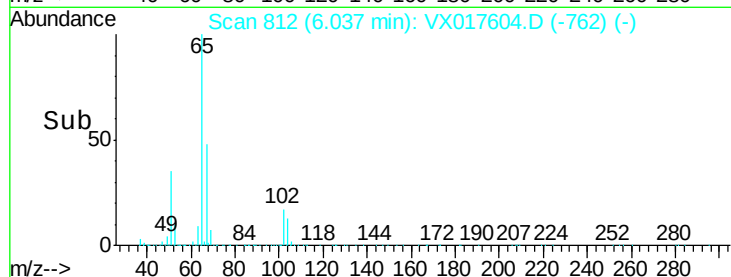
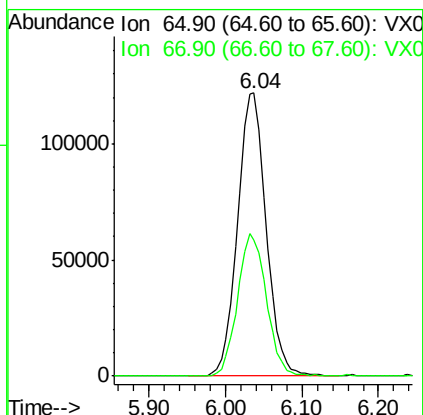




#33
 1,2-Dichloroethane-d4
 Concen: 58.602 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017604.D
 Acq: 25 Jul 2020 18:17

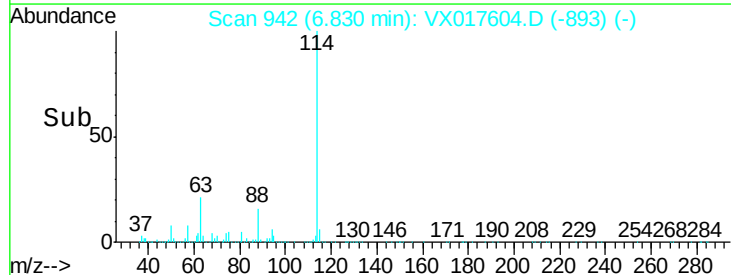
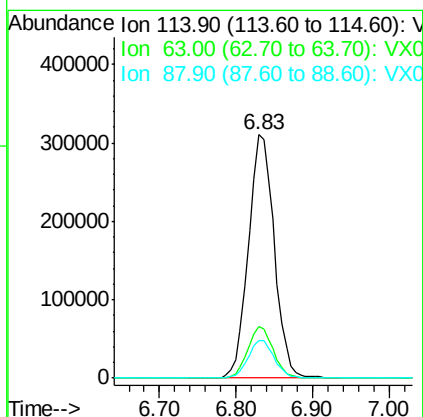
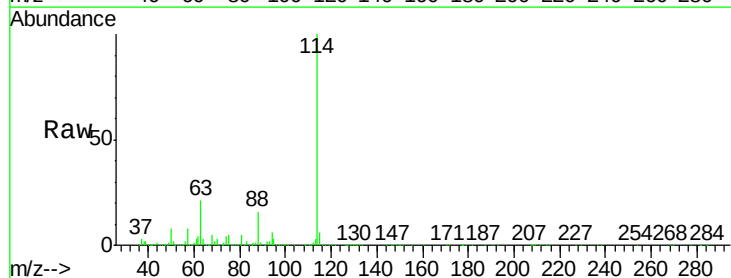
Instrument :
 MSVOA_X
 ClientSampled :
 CRT-002

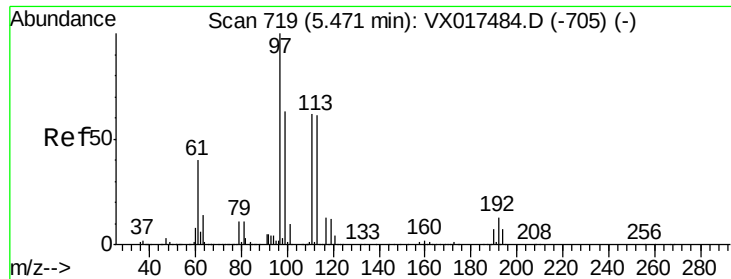
Tgt Ion: 65 Resp: 315904
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017604.D
 Acq: 25 Jul 2020 18:17

Tgt Ion: 114 Resp: 733036
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.6
 88 15.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.942 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017604.D

Acq: 25 Jul 2020 18:17

Instrument :

MSVOA_X

ClientSampleId :

CRT-002

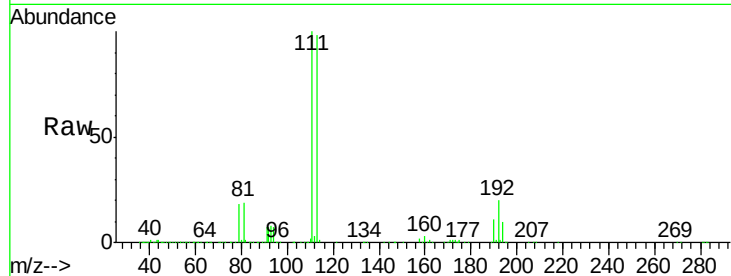
Tgt Ion:113 Resp: 244846

Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

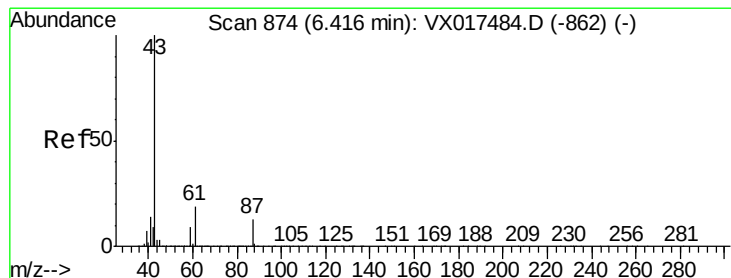
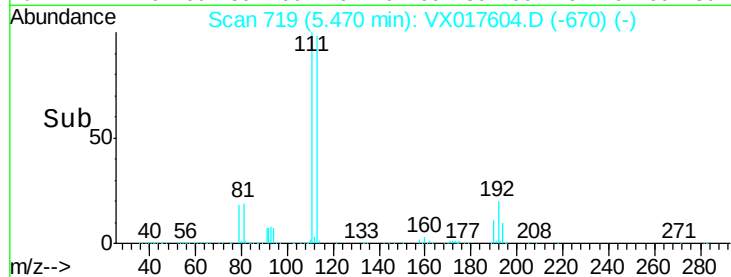
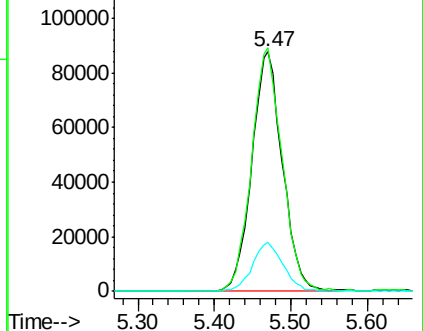
192 20.4 16.9 25.3



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: 11.737 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017604.D

Acq: 25 Jul 2020 18:17

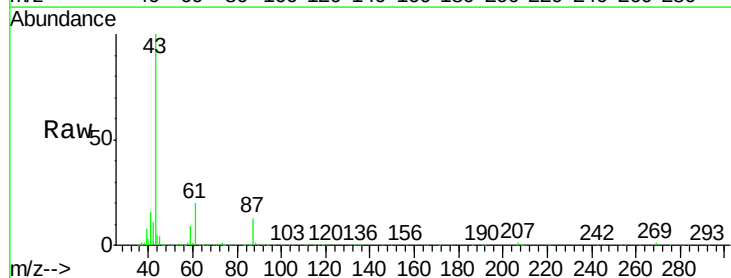
Tgt Ion: 43 Resp: 148969

Ion Ratio Lower Upper

43 100

61 20.0 15.5 23.3

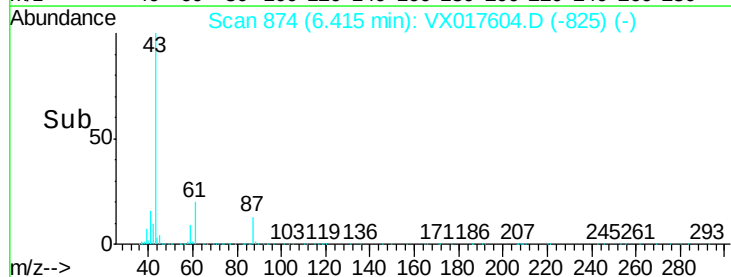
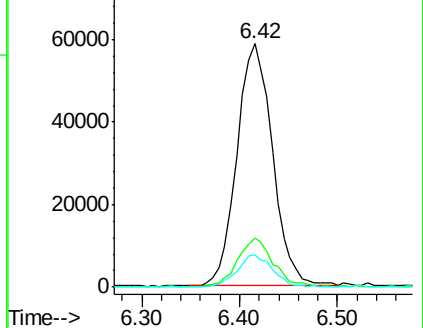
87 12.9 10.5 15.7

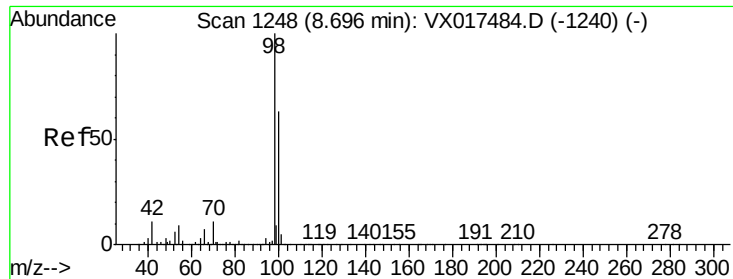


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

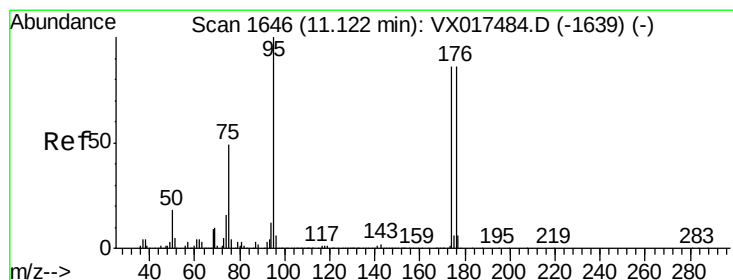
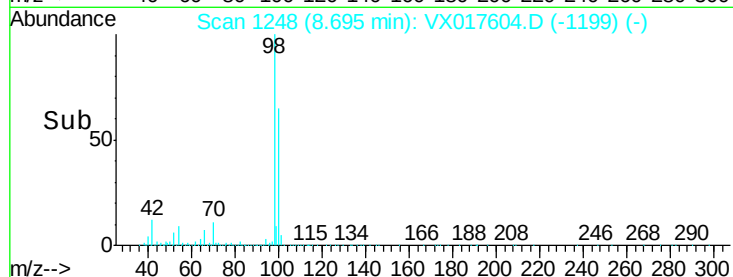
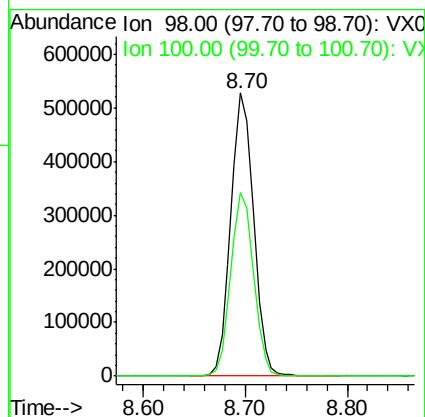
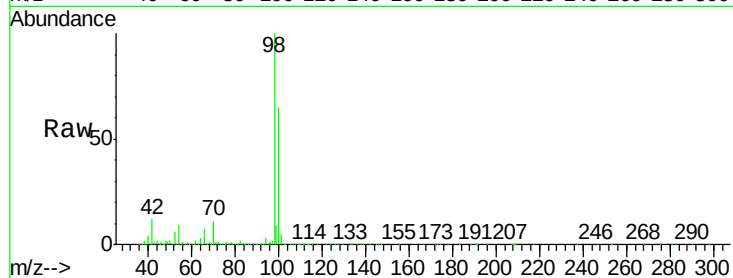




#50
Toluene-d8
Concen: 46.256 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

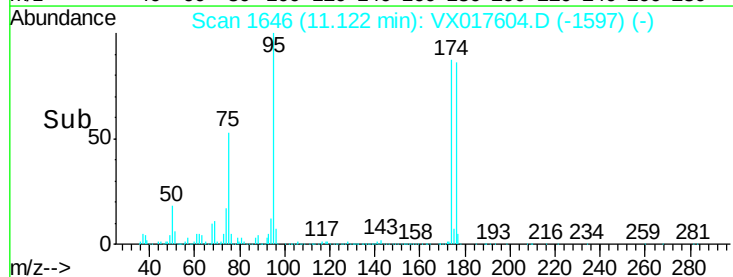
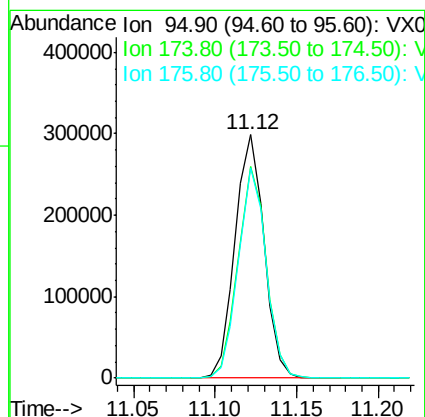
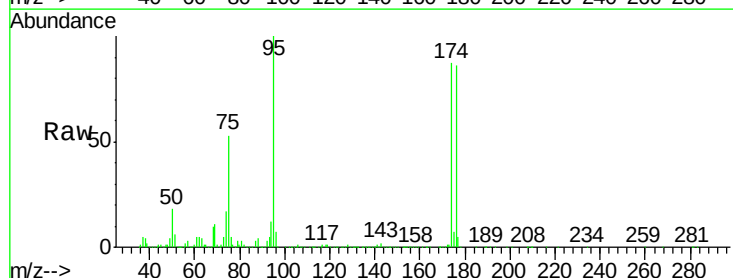
Instrument :
MSVOA_X
ClientSampleId :
CRT-002

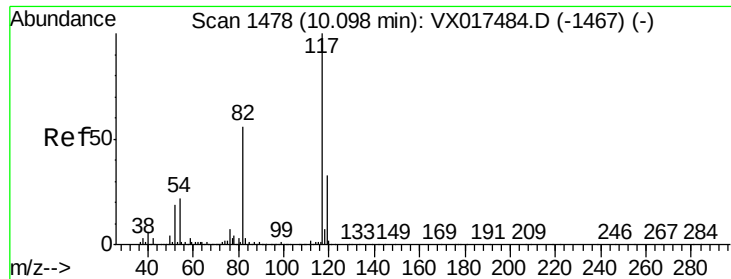
Tgt Ion: 98 Resp: 818077
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion: 95 Resp: 370105
Ion Ratio Lower Upper
95 100
174 84.7 0.0 169.0
176 83.4 0.0 161.0

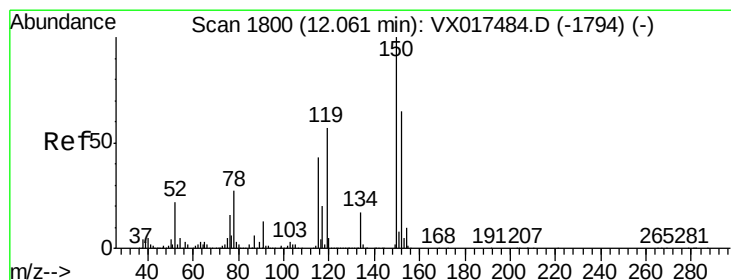
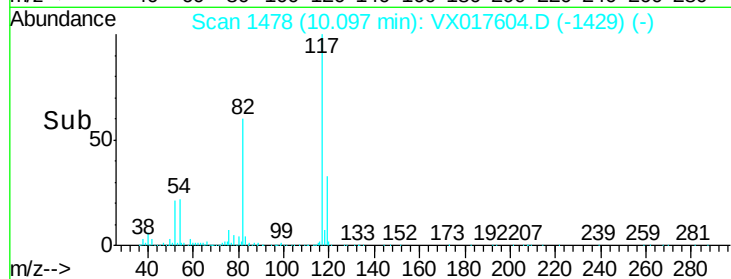
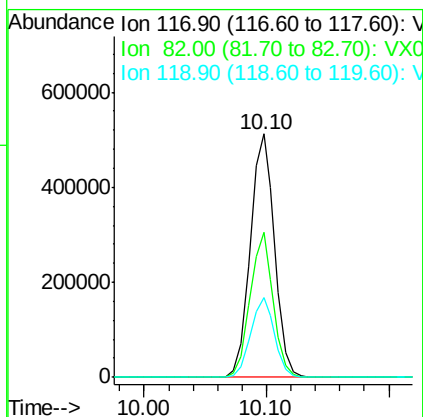
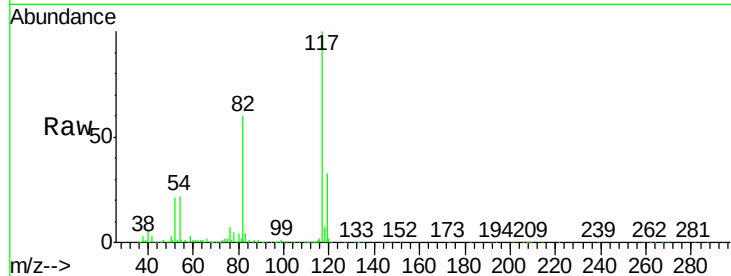




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017604.D
Acq: 25 Jul 2020 18:17

Instrument :
MSVOA_X
ClientSampleId :
CRT-002

Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.5	44.0	66.0
119	33.0	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: VX017604.D
Acq: 25 Jul 2020 18:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	65.5	196.6#
150	156.2	0.0	412.6

