

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018082.D
 Acq On : 26 Aug 2020 17:05
 Operator : JC/SP
 Sample : L3784-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-04

Quant Time: Aug 27 04:50:01 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

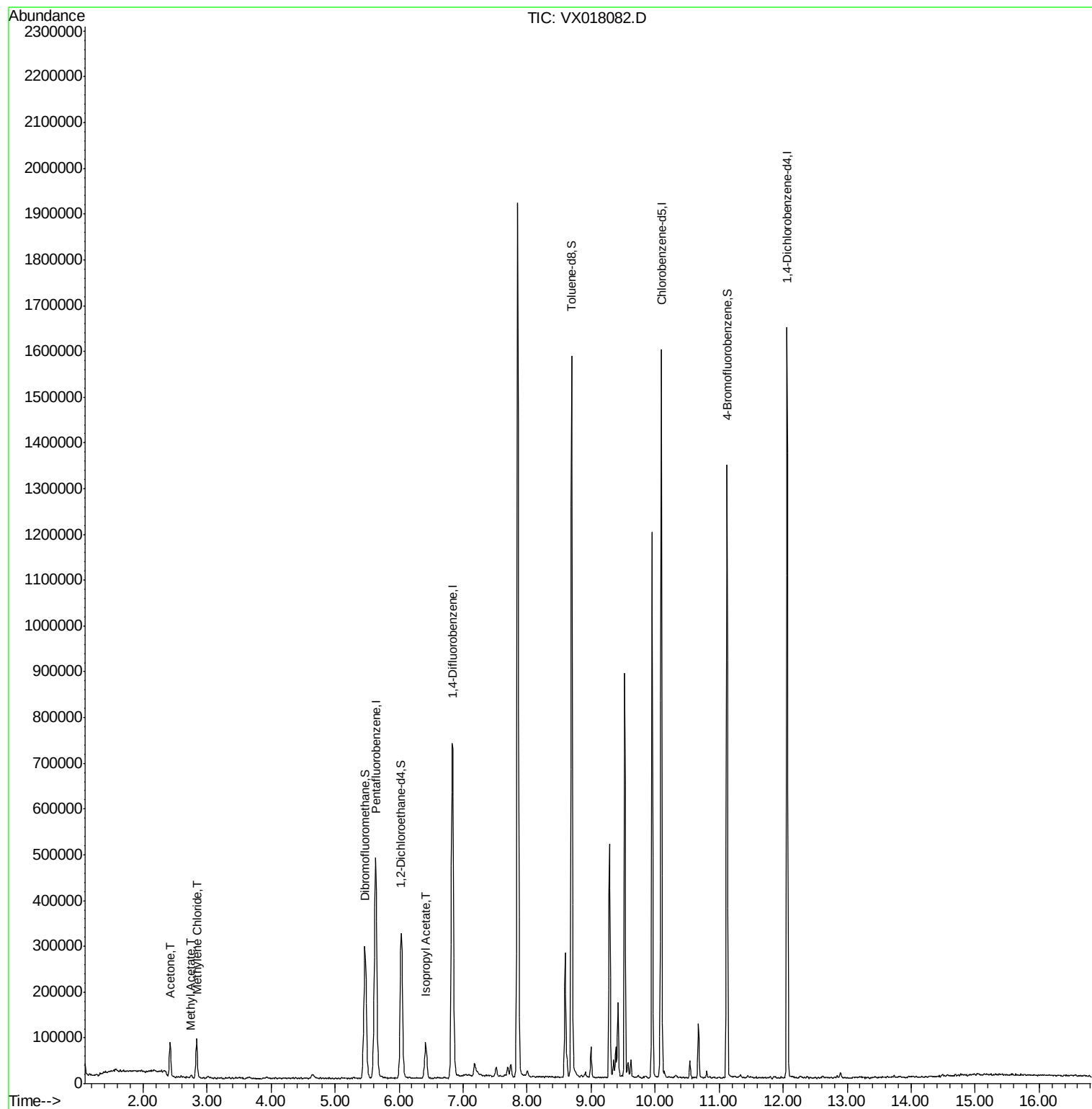
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	442948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	728688	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	715158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	336661	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	322622	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
35) Dibromofluoromethane	5.46	113	251185	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
50) Toluene-d8	8.70	98	914398	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	11.12	95	335822	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
Target Compounds						
16) Acetone	2.42	43	78569	32.790	ug/l	98
18) Methyl Acetate	2.75	43	7230	1.250	ug/l	94
20) Methylene Chloride	2.84	84	38386	6.827	ug/l	97
43) Isopropyl Acetate	6.42	43	106899	8.479	ug/l #	96

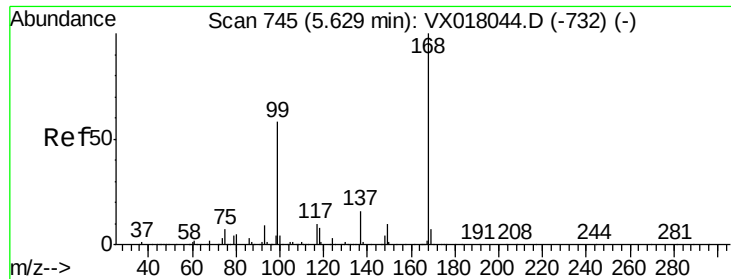
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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: VX018082.D

Acq: 26 Aug 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

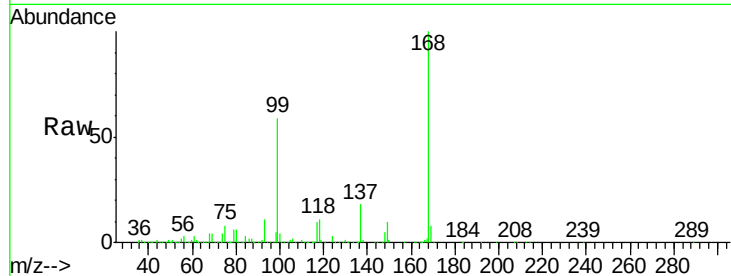
RO-04

Tot Ion:168 Resp: 442948

Ion Ratio Lower Upper

168 100

99 59.1 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

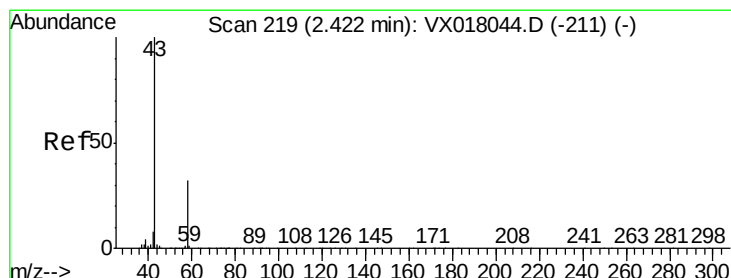
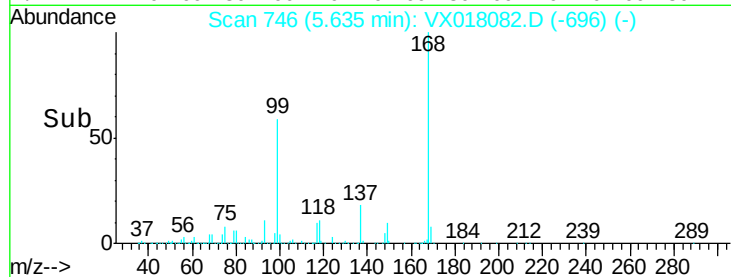
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 32.790 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018082.D

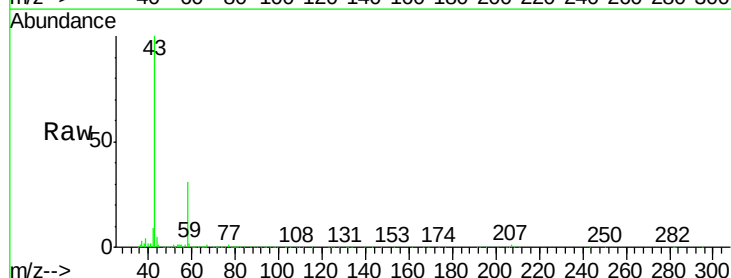
Acq: 26 Aug 2020 17:05

Tgt Ion: 43 Resp: 78569

Ion Ratio Lower Upper

43 100

58 30.5 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

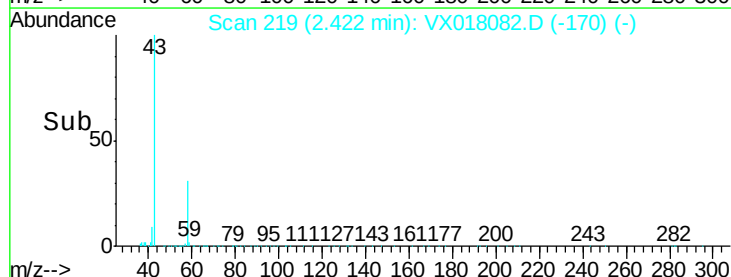
20000

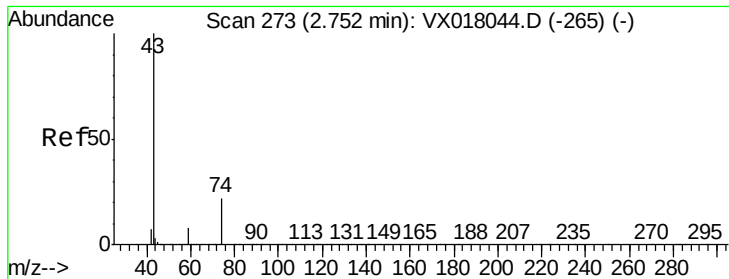
10000

0

Time-->

2.30 2.40 2.50

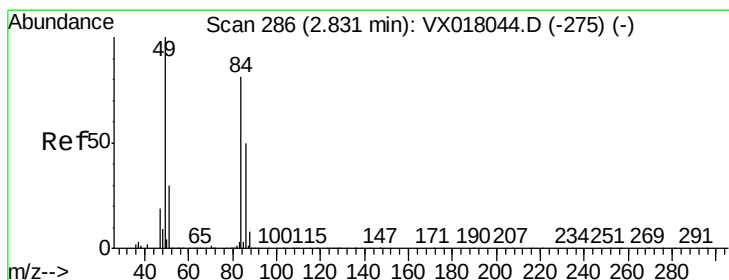
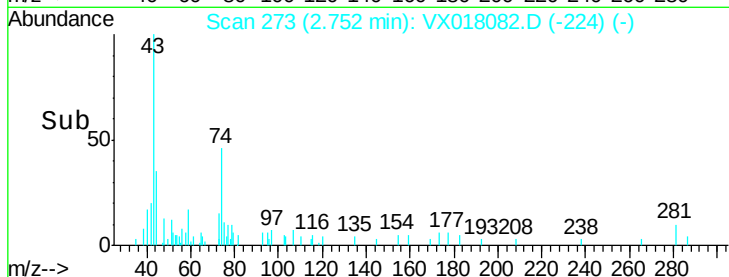
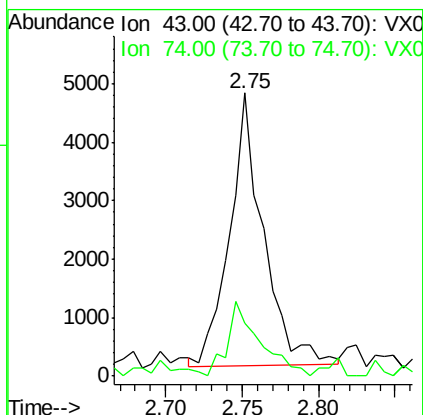
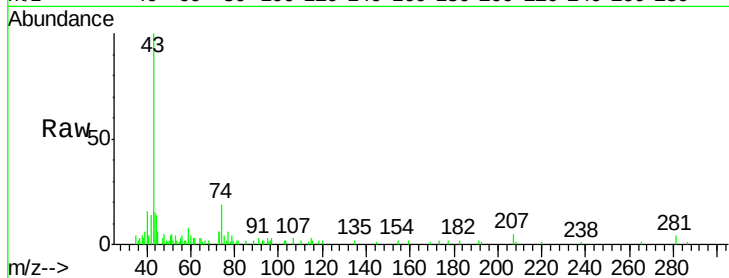




#18
Methvl Acetate
Concen: 1.250 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018082.D
Acq: 26 Aug 2020 17:05

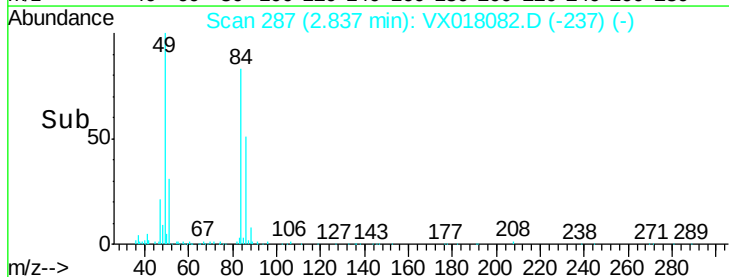
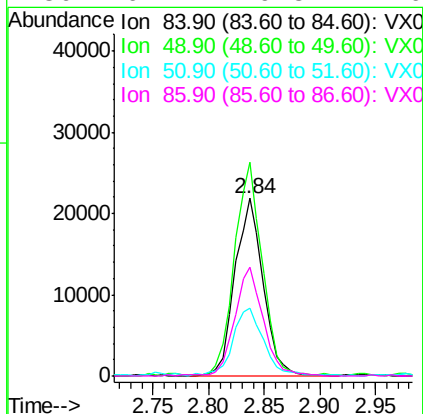
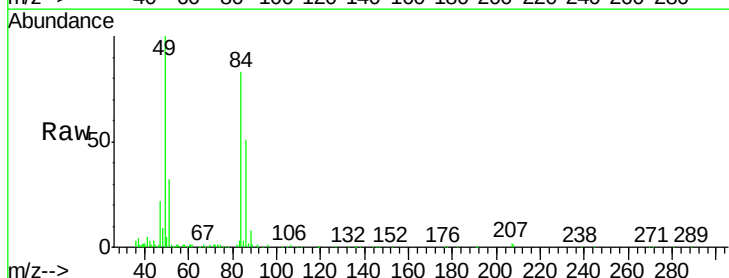
Instrument :
MSVOA_X
ClientSampled :
RO-04

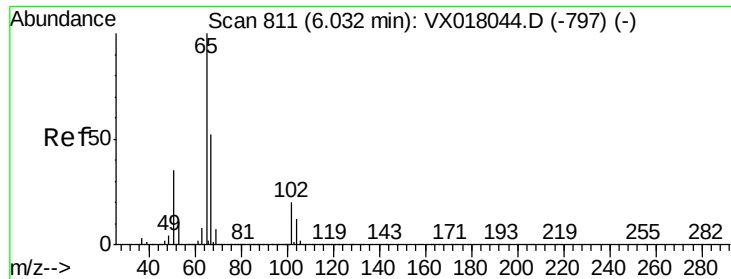
Tot Ion: 43 Resp: 7230
Ion Ratio Lower Upper
43 100
74 25.9 18.2 27.4



#20
Methylene Chloride
Concen: 6.827 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018082.D
Acq: 26 Aug 2020 17:05

Tgt Ion: 84 Resp: 38386
Ion Ratio Lower Upper
84 100
49 119.6 98.6 148.0
51 38.4 29.6 44.4
86 61.1 49.8 74.6

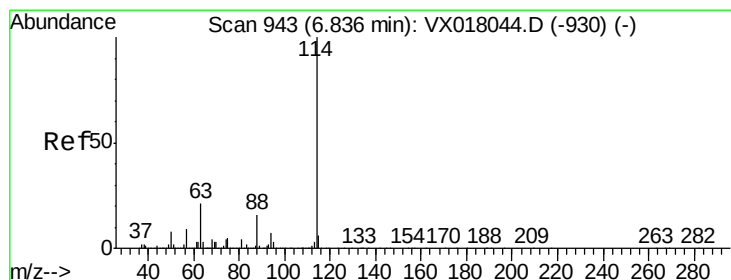
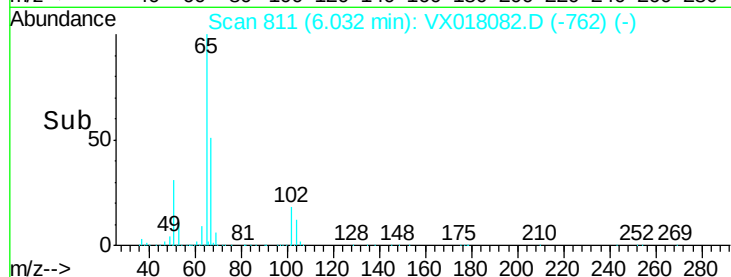
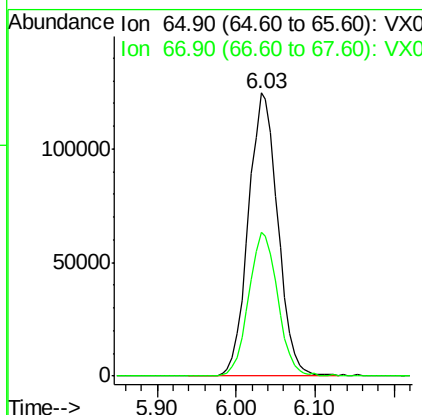
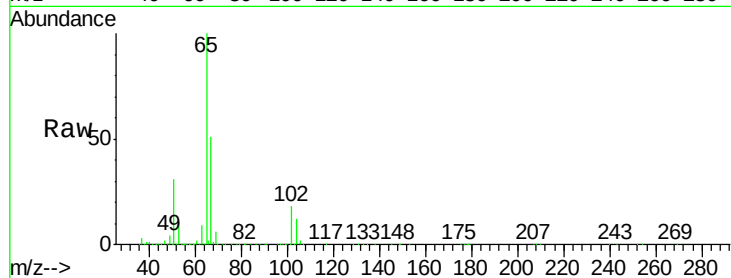




#33
 1,2-Dichloroethane-d4
 Concen: 52.465 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018082.D
 Acq: 26 Aug 2020 17:05

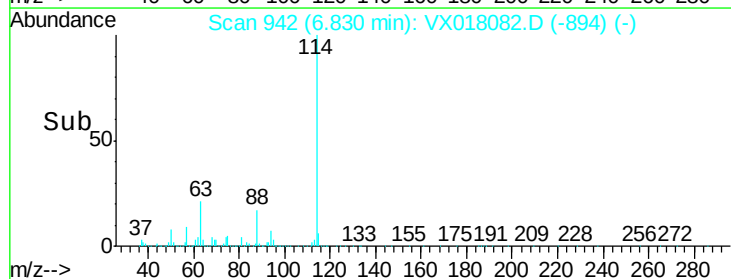
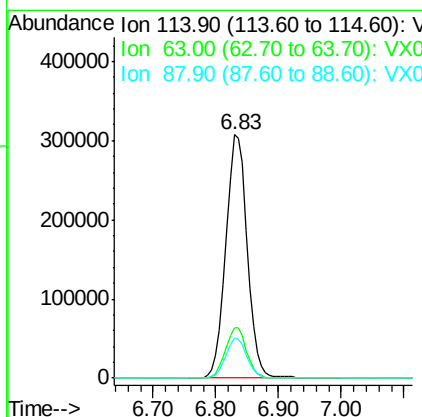
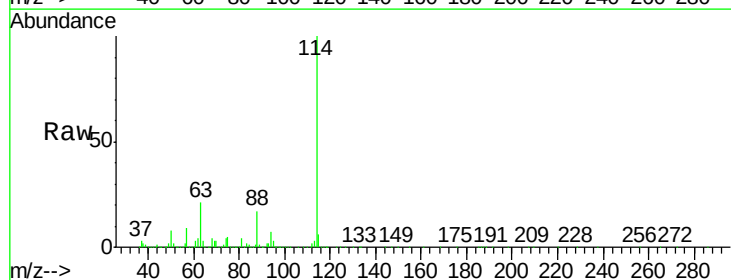
Instrument :
 MSVOA_X
 ClientSampled :
 RO-04

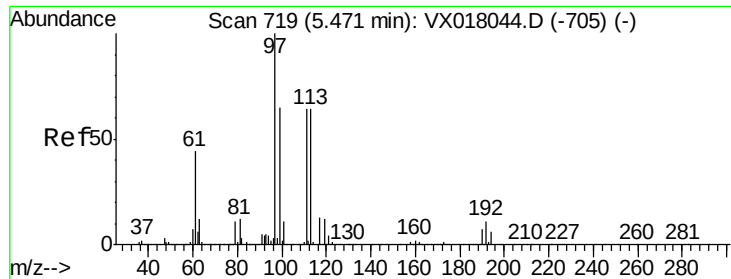
Tot Ion: 65 Resp: 322622
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018082.D
 Acq: 26 Aug 2020 17:05

Tgt Ion: 114 Resp: 728688
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 16.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.614 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018082.D

Acq: 26 Aug 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

RO-04

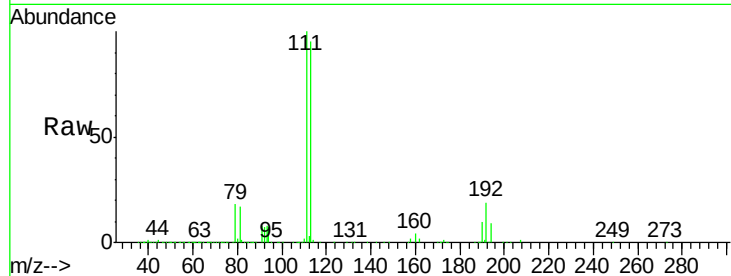
Tot Ion:113 Resp: 251185

Ion Ratio Lower Upper

113 100

111 102.4 81.6 122.4

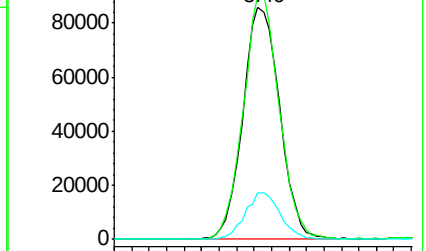
192 19.3 15.8 23.8



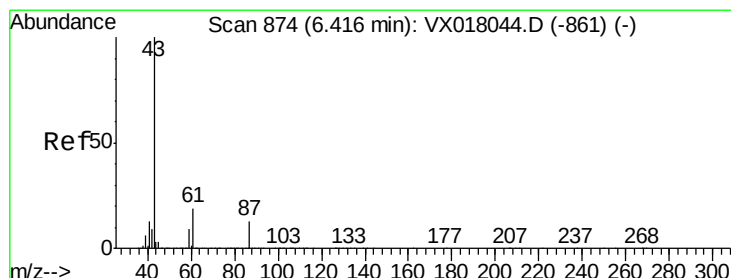
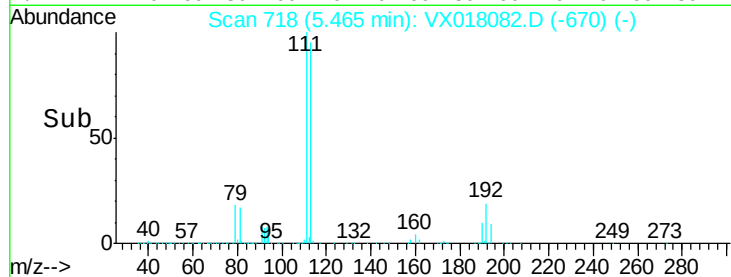
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 5.30 5.40 5.50 5.60



#43

Isopropyl Acetate

Concen: 8.479 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018082.D

Acq: 26 Aug 2020 17:05

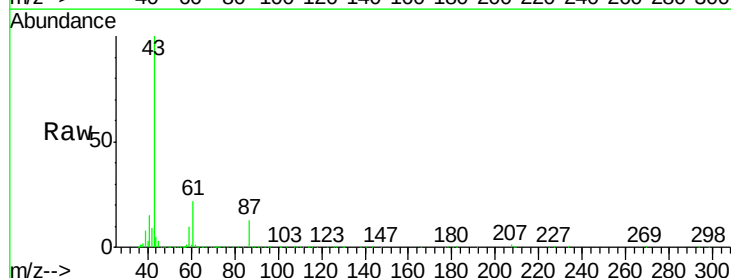
Tgt Ion: 43 Resp: 106899

Ion Ratio Lower Upper

43 100

61 20.3 15.7 23.5

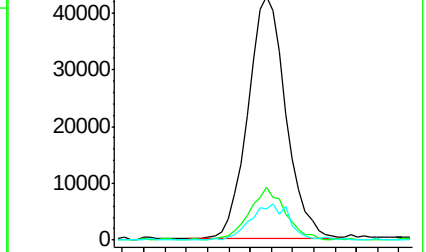
87 15.7 10.3 15.5#



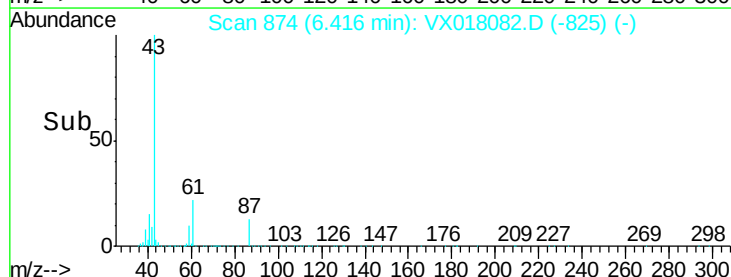
Abundance Ion 43.00 (42.70 to 43.70): VX0

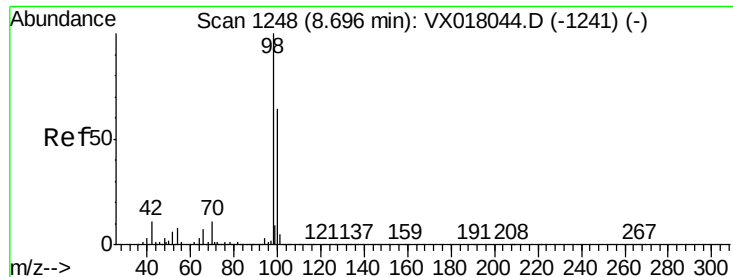
Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time--> 6.30 6.40 6.50





#50

Toluene-d8

Concen: 49.470 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018082.D

Acq: 26 Aug 2020 17:05

Instrument :

MSVOA_X

ClientSampleId :

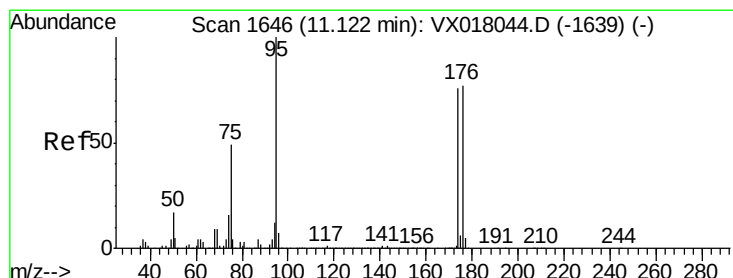
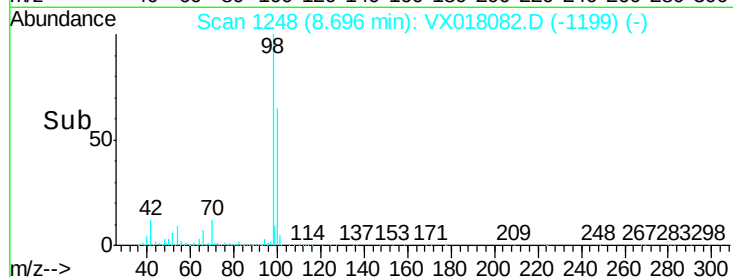
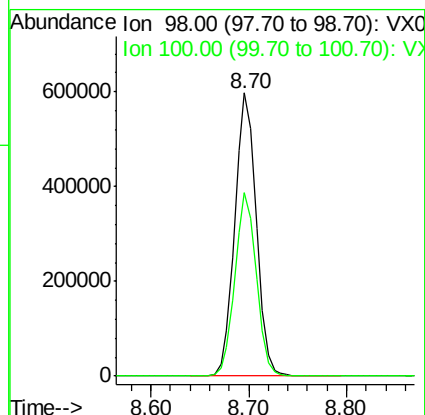
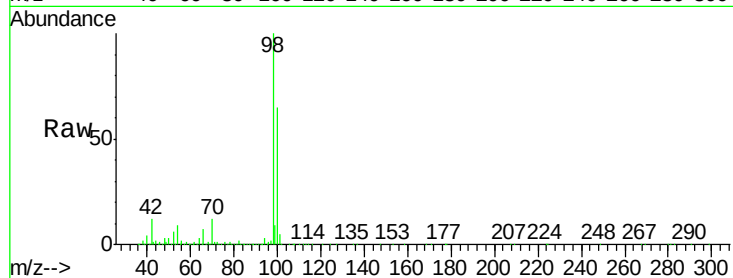
RO-04

Tot Ion: 98 Resp: 914398

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.178 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018082.D

Acq: 26 Aug 2020 17:05

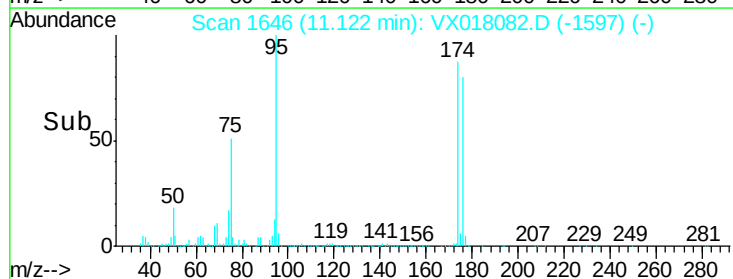
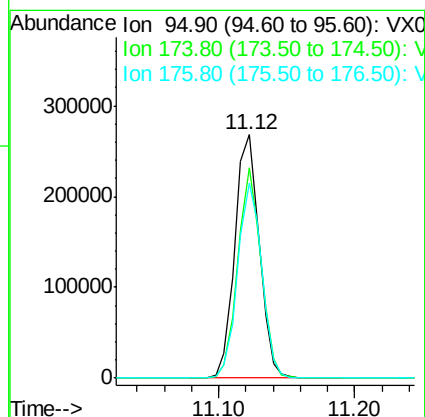
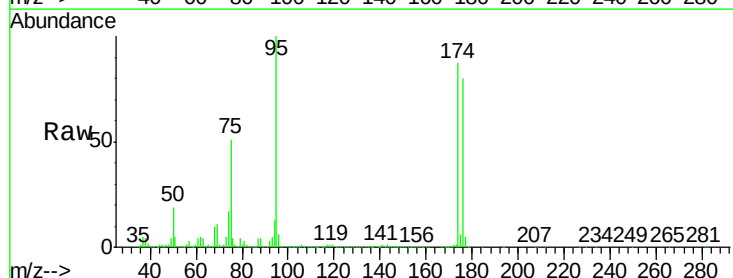
Tgt Ion: 95 Resp: 335822

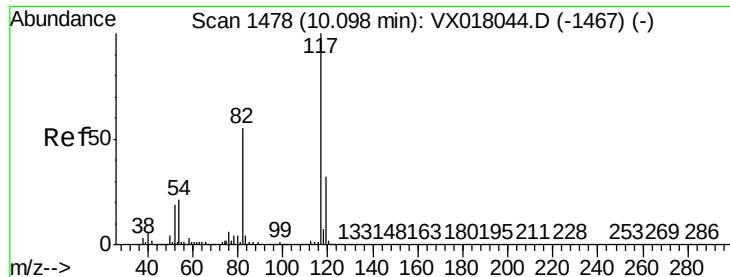
Ion Ratio Lower Upper

95 100

174 82.1 0.0 160.2

176 78.9 0.0 155.8

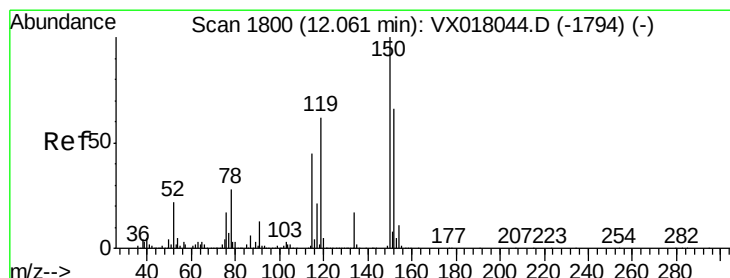
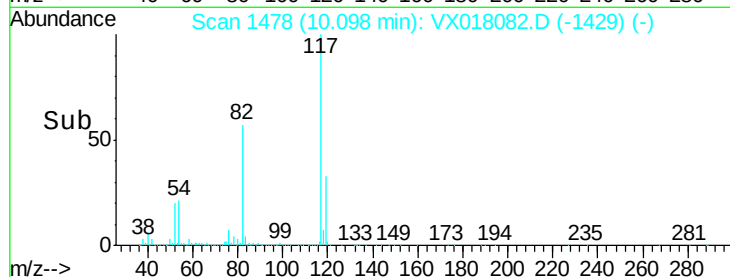
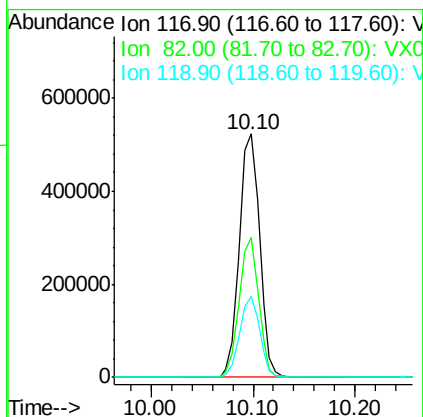
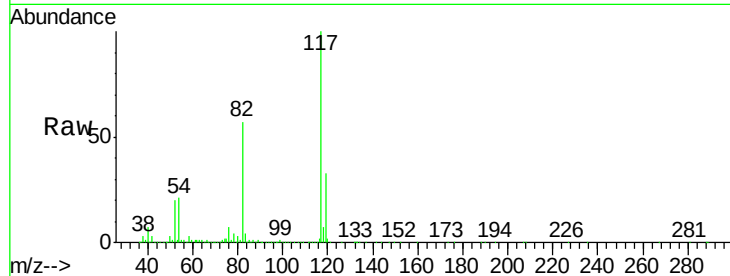




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018082.D
Acq: 26 Aug 2020 17:05

Instrument :
MSVOA_X
ClientSampleId :
RO-04

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.2	66.2
119	33.3	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: VX018082.D
Acq: 26 Aug 2020 17:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.8	41.5	124.5
150	153.8	0.0	343.8

