

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031920\
 Data File : VN060639.D
 Acq On : 19 Mar 2020 16:09
 Operator : JC/MD
 Sample : L1978-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5A

Quant Time: Mar 20 07:49:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

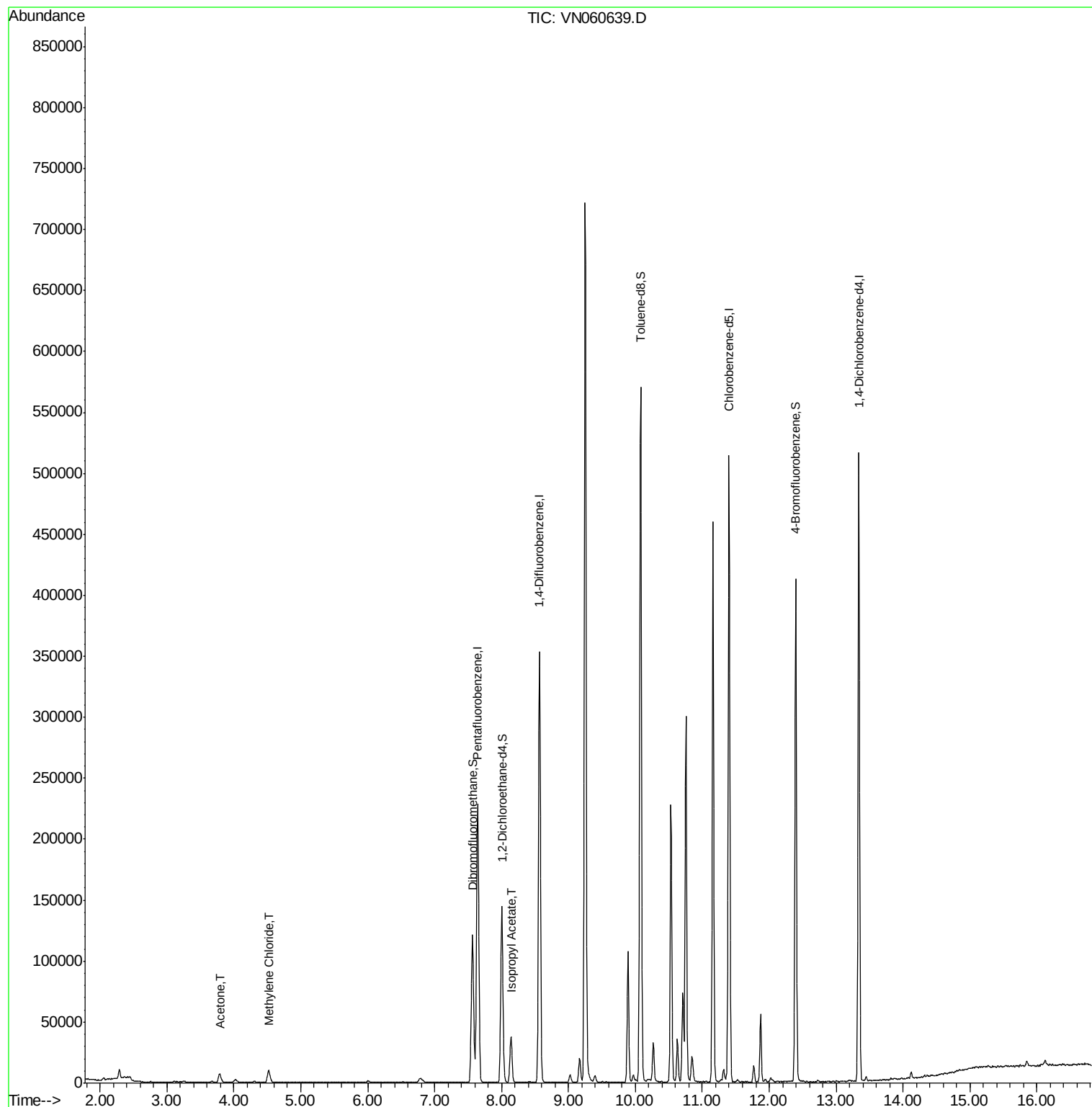
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	133474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123723	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	7.56	113	93318	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
50) Toluene-d8	10.08	98	388546	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.40	95	143566	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
Target Compounds						
16) Acetone	3.79	43	13806	15.207	ug/l	99
20) Methylene Chloride	4.52	84	7407	3.317	ug/l	96
43) Isopropyl Acetate	8.14	43	45782	8.436	ug/l #	91

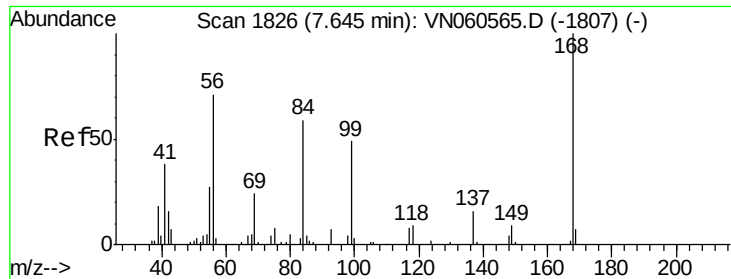
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060639.D

Acq: 19 Mar 2020 16:09

Instrument :

MSVOA_N

ClientSampled :

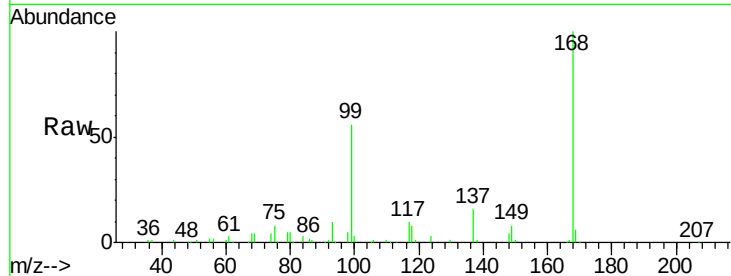
TP-5A

Tot Ion:168 Resp: 186701

Ion Ratio Lower Upper

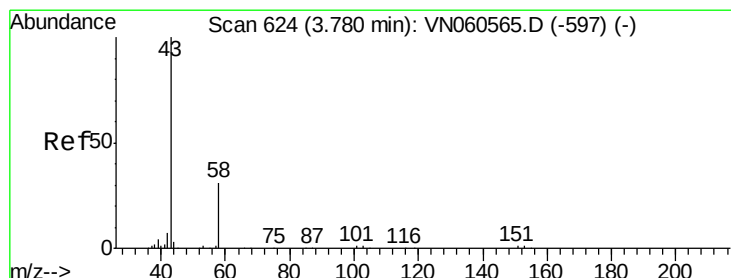
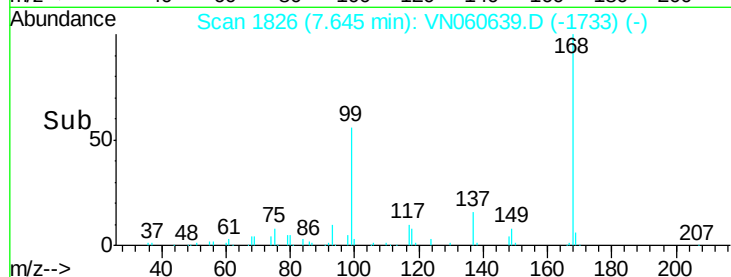
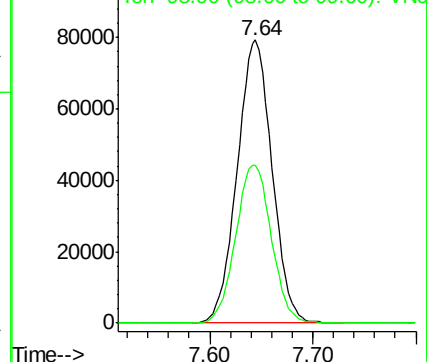
168 100

99 55.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 15.207 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060639.D

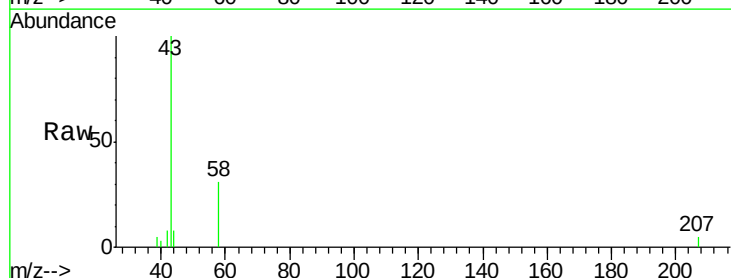
Acq: 19 Mar 2020 16:09

Tgt Ion: 43 Resp: 13806

Ion Ratio Lower Upper

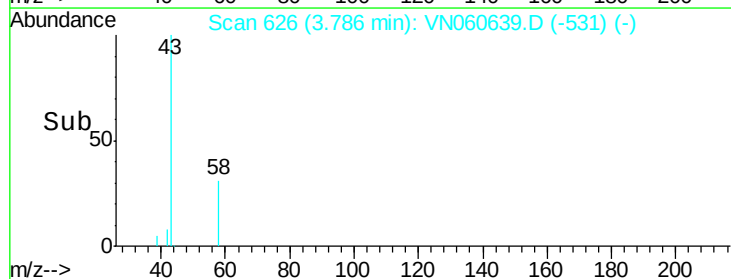
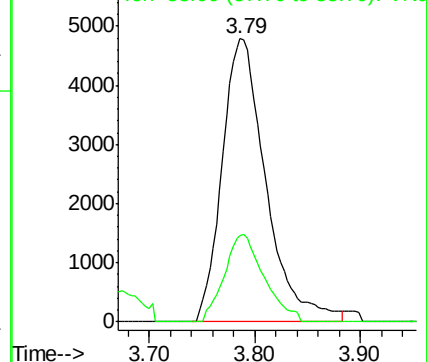
43 100

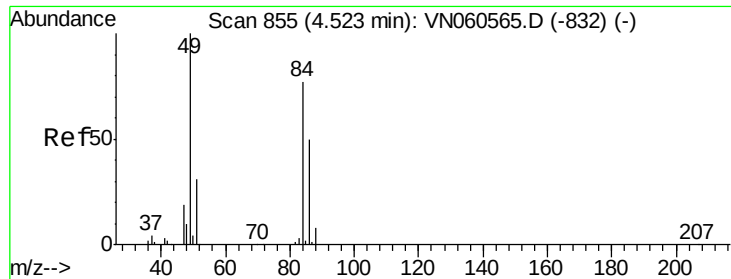
58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

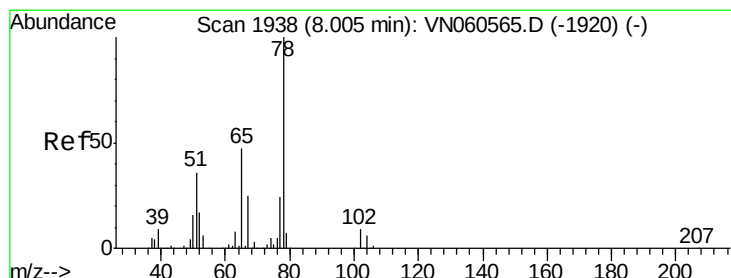
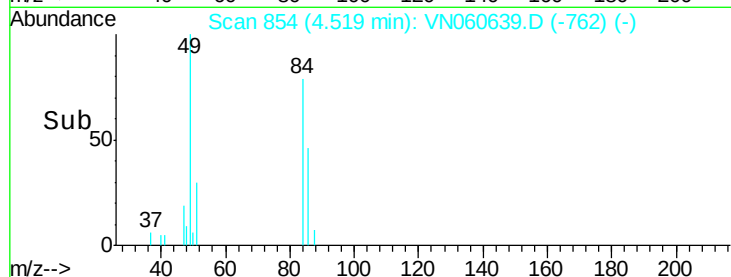
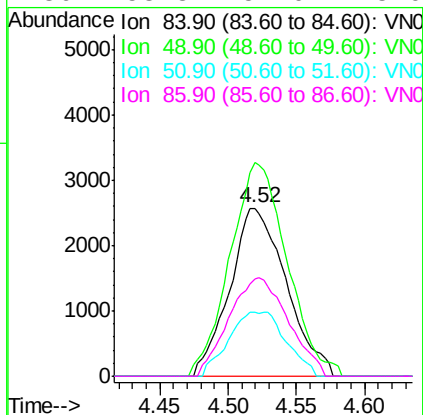
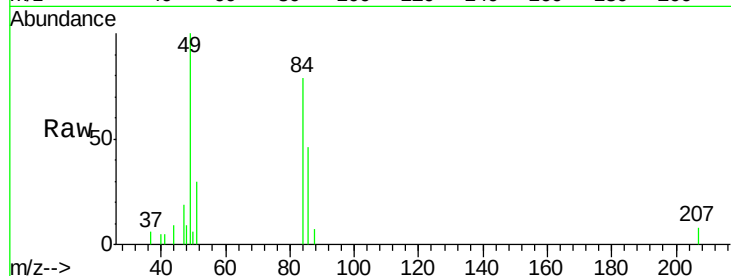




#20
Methvlene Chloride
Concen: 3.317 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060639.D
Acq: 19 Mar 2020 16:09

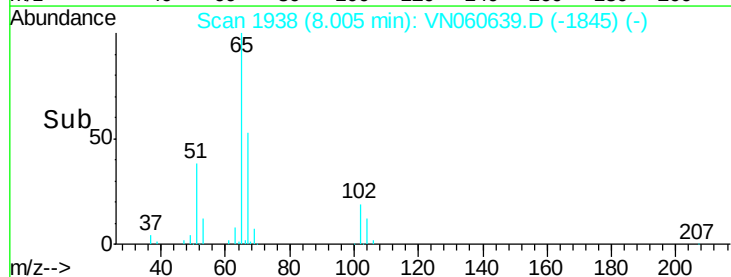
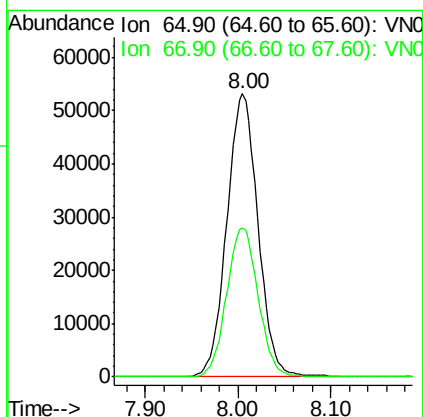
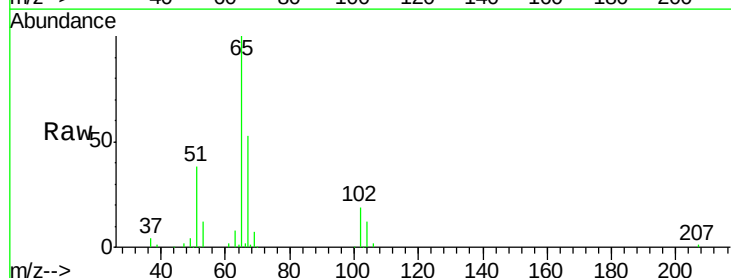
Instrument :
MSVOA_N
ClientSampleId :
TP-5A

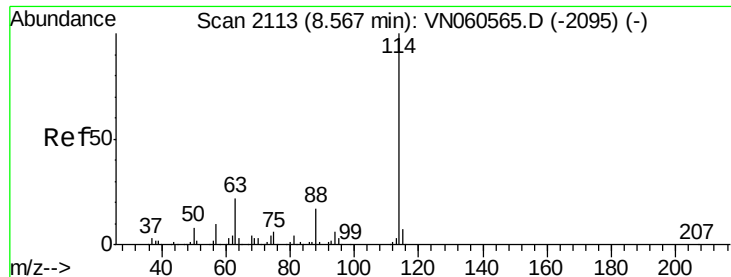
Tot Ion:	84	Resp:	7407
Ion	Ratio	Lower	Upper
84	100		
49	127.3	103.3	154.9
51	38.2	31.6	47.4
86	58.3	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 48.273 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060639.D
Acq: 19 Mar 2020 16:09

Tgt Ion:	65	Resp:	123723
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060639.D

Acq: 19 Mar 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

TP-5A

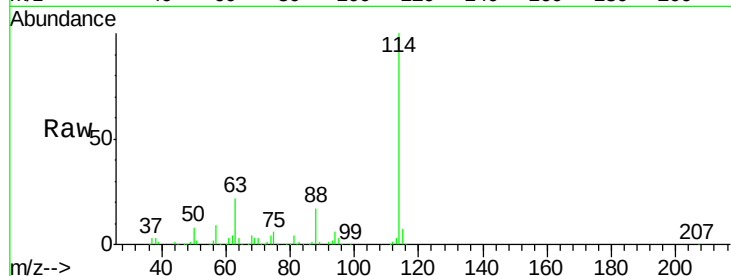
Tot Ion:114 Resp: 314513

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 16.8 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

200000

150000

100000

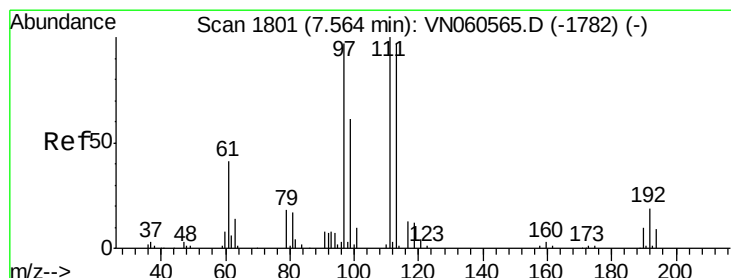
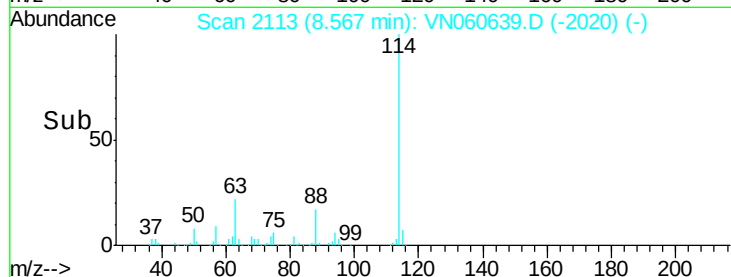
50000

0

8.57

8.50 8.60 8.70

Time-->



#35

Dibromofluoromethane

Concen: 49.069 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060639.D

Acq: 19 Mar 2020 16:09

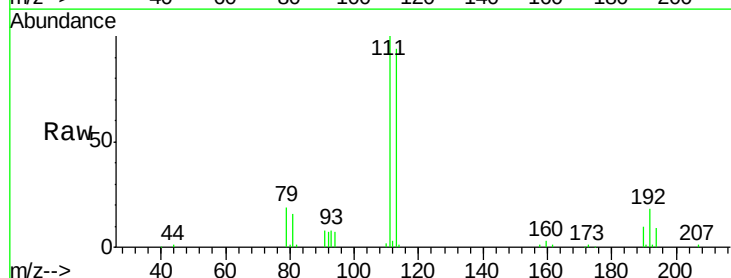
Tgt Ion:113 Resp: 93318

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 19.9 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

50000

40000

30000

20000

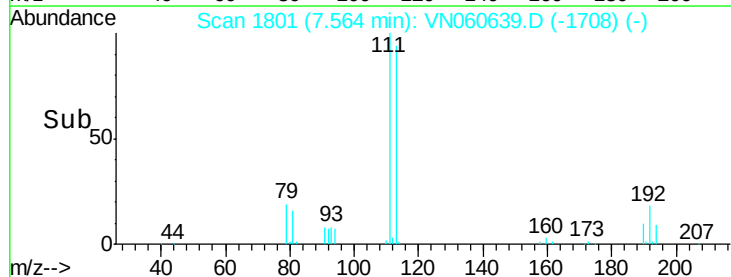
10000

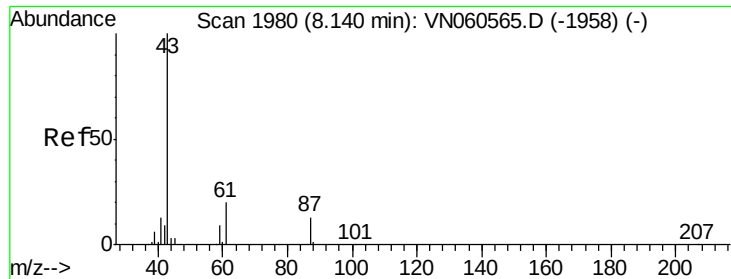
0

7.56

7.50 7.60 7.70

Time-->

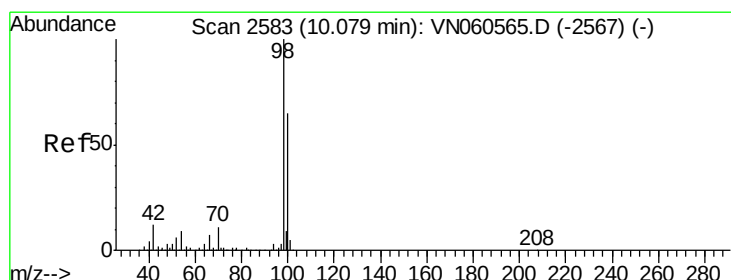
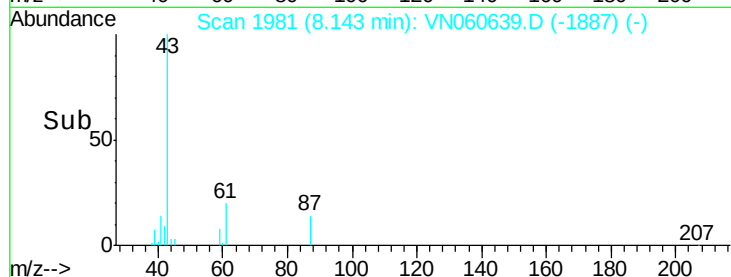
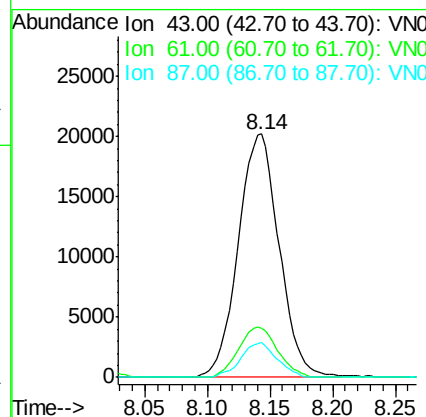
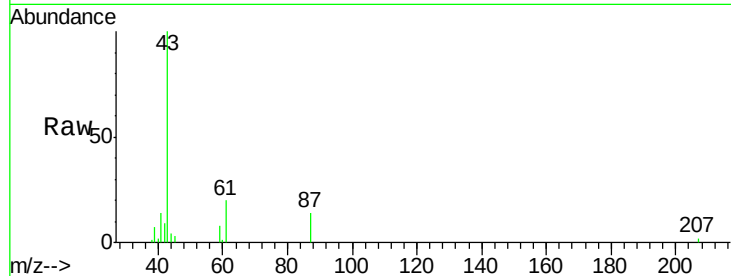




#43
Isopropyl Acetate
Concen: 8.436 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VN060639.D
Acq: 19 Mar 2020 16:09

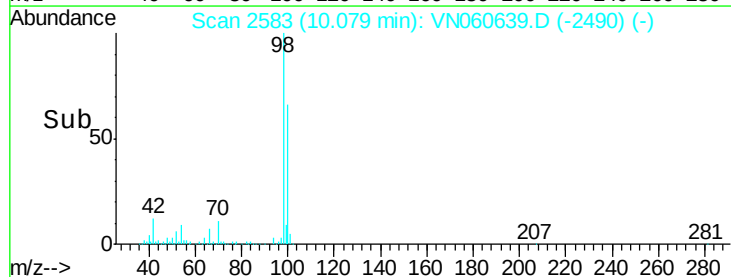
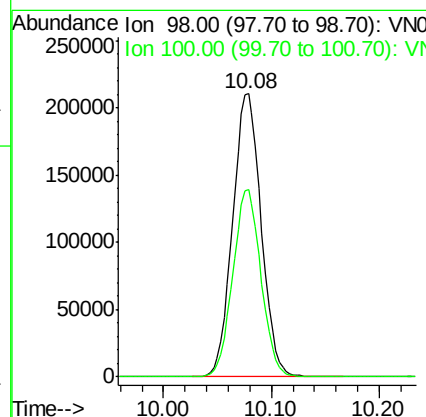
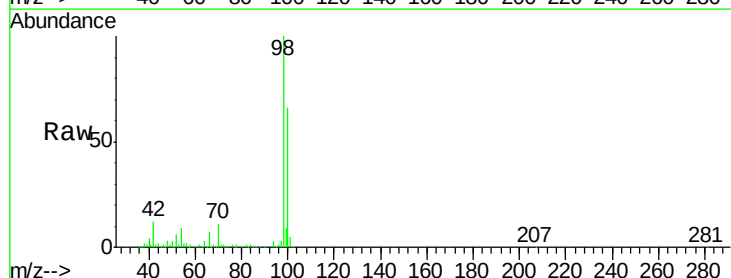
Instrument :
MSVOA_N
ClientSampled :
TP-5A

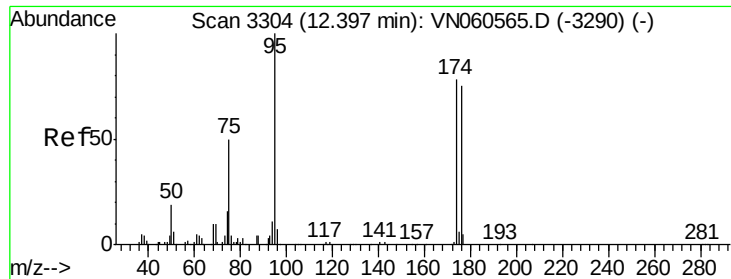
Tot Ion: 43 Resp: 45782
Ion Ratio Lower Upper
43 100
61 19.6 20.7 31.1#
87 12.6 9.8 14.8



#50
Toluene-d8
Concen: 50.019 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060639.D
Acq: 19 Mar 2020 16:09

Tgt Ion: 98 Resp: 388546
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8

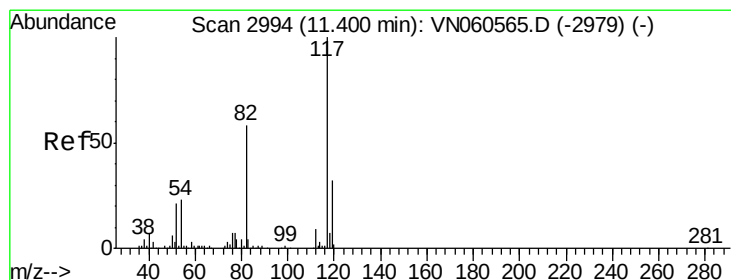
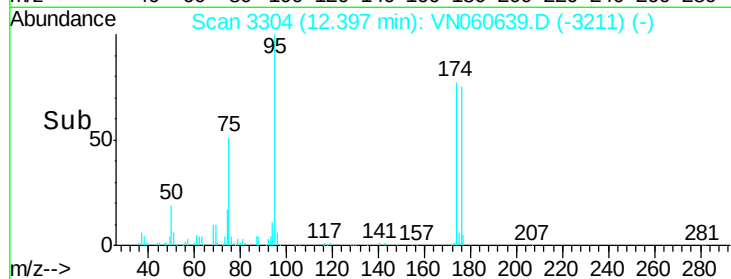
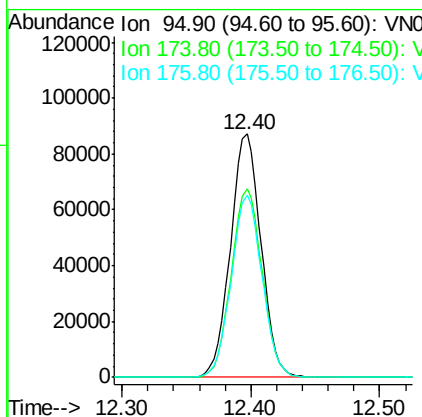
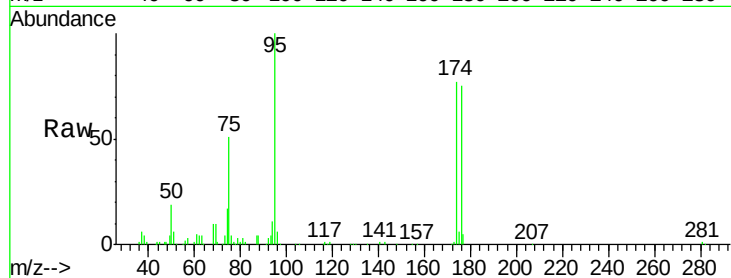




#62
4-Bromofluorobenzene
Concen: 50.430 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060639.D
Acq: 19 Mar 2020 16:09

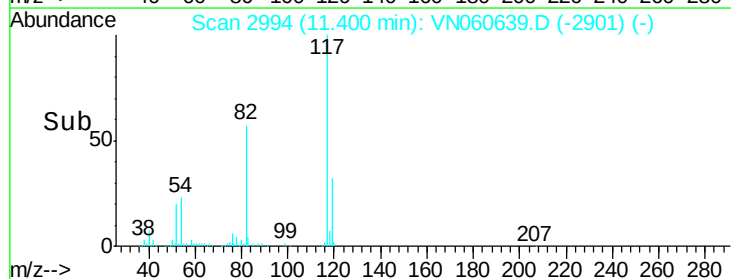
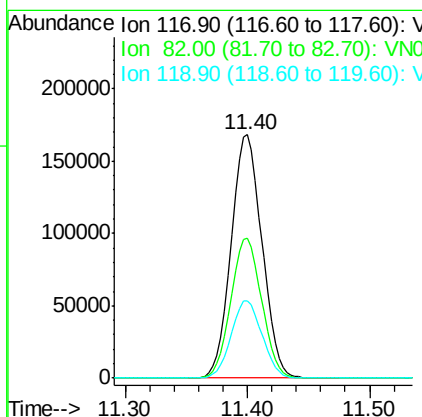
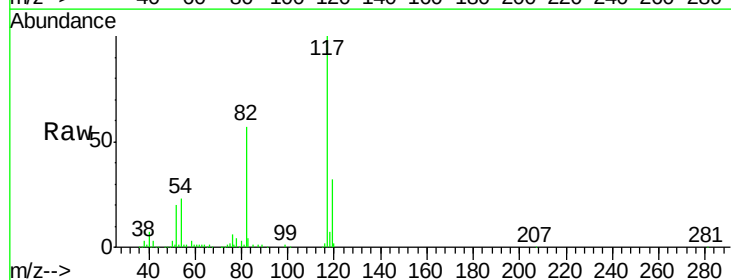
Instrument :
MSVOA_N
ClientSampleId :
TP-5A

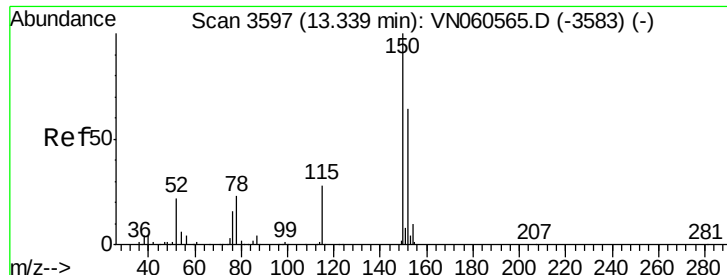
Tot Ion: 95 Resp: 143566
Ion Ratio Lower Upper
95 100
174 78.4 0.0 157.6
176 75.6 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060639.D
Acq: 19 Mar 2020 16:09

Tgt Ion: 117 Resp: 295756
Ion Ratio Lower Upper
117 100
82 57.3 46.7 70.1
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060639.D

Acq: 19 Mar 2020 16:09

Instrument :

MSVOA_N

ClientSampleId :

TP-5A

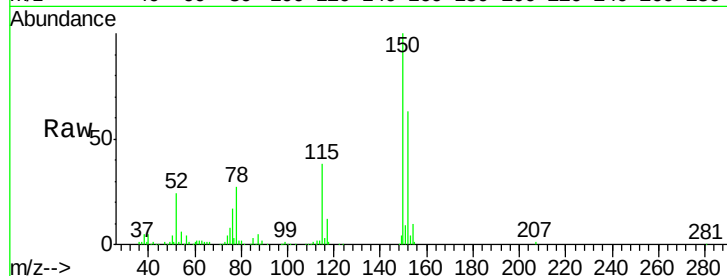
Tot Ion:152 Resp: 133474

Ion Ratio Lower Upper

152 100

115 59.8 30.2 90.6

150 158.8 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

