

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041520\
 Data File : VN060970.D
 Acq On : 15 Apr 2020 18:30
 Operator : JC/MD
 Sample : L2230-48
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-34

Quant Time: Apr 16 07:45:34 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

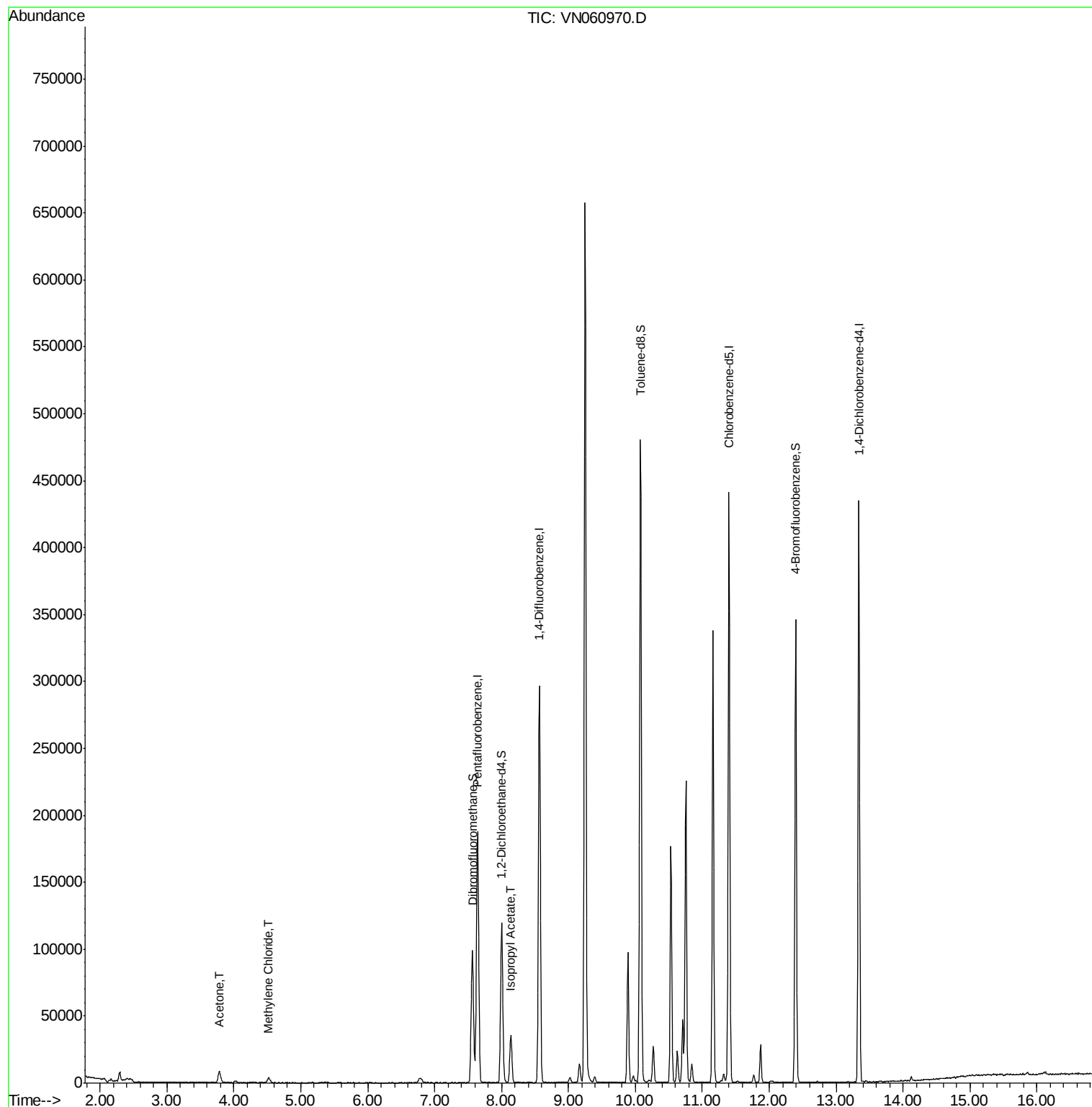
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	153080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	262592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	246566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	113234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	103575	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.56	113	77950	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	10.08	98	329501	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	123926	52.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.28%	
Target Compounds						
16) Acetone	3.78	43	15549	20.889	ug/l	97
20) Methylene Chloride	4.52	84	2733	1.493	ug/l	94
43) Isopropyl Acetate	8.14	43	43465	9.593	ug/l #	90

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

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QLast Update : Wed Mar 18 08:49:09 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060970.D

Acq: 15 Apr 2020 18:30

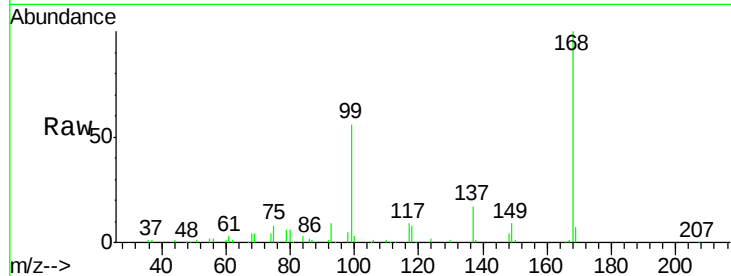
Instrument :
MSVOA_N
ClientSampled :
TP-34

Tot Ion:168 Resp: 153080

Ion Ratio Lower Upper

168 100

99 56.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.64

60000

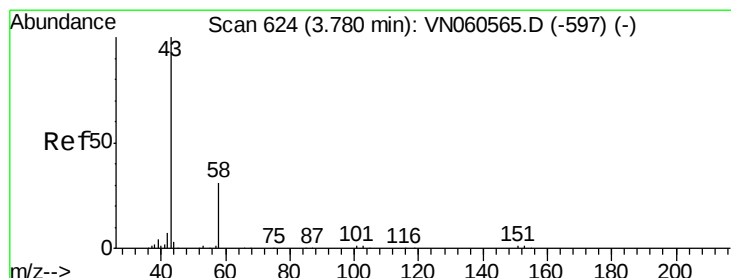
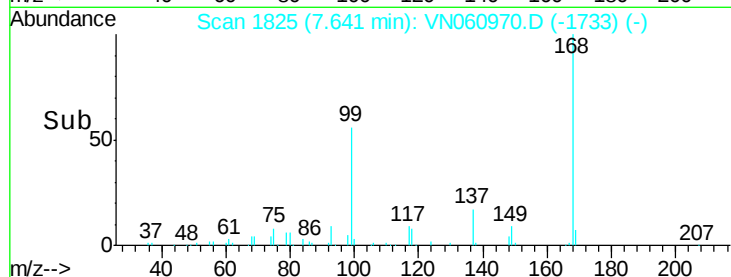
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 20.889 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060970.D

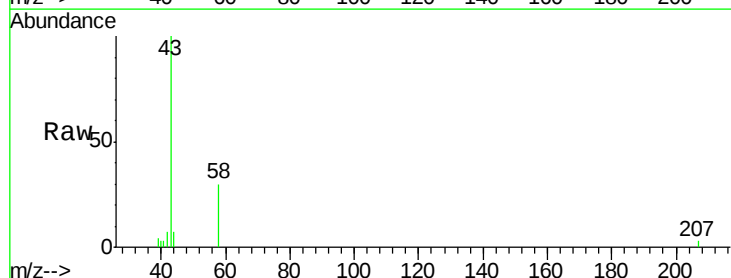
Acq: 15 Apr 2020 18:30

Tgt Ion: 43 Resp: 15549

Ion Ratio Lower Upper

43 100

58 29.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

6000

5000

4000

3000

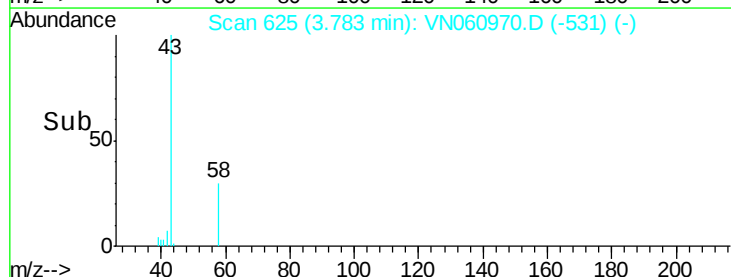
2000

1000

0

3.70 3.80 3.90

Time-->





#20

Methvlene Chloride

Concen: 1.493 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060970.D

Acq: 15 Apr 2020 18:30

Instrument :

MSVOA_N

ClientSampled :

TP-34

Tot Ion: 84 Resp: 2733

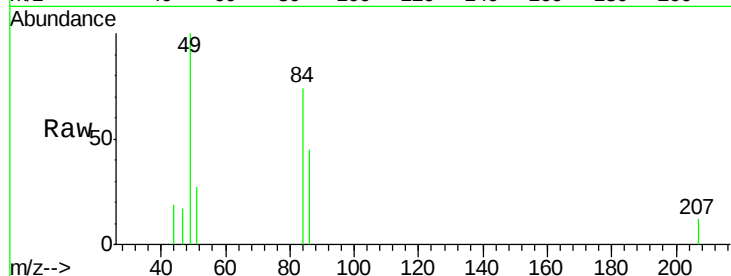
Ion Ratio Lower Upper

84 100

49 135.7 103.3 154.9

51 36.2 31.6 47.4

86 60.8 52.0 78.0

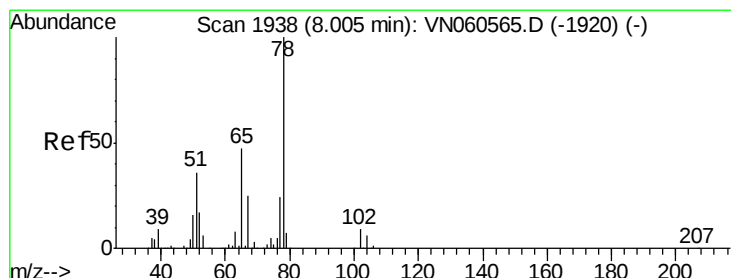
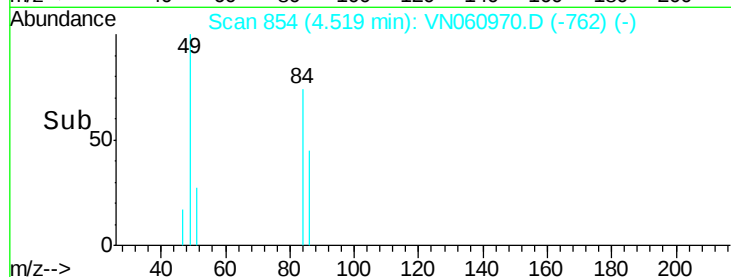
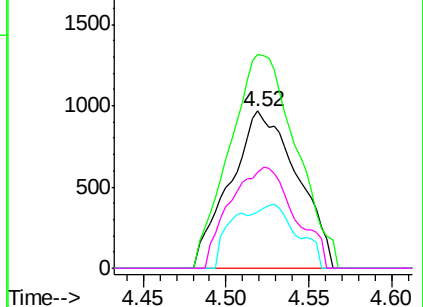


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.288 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060970.D

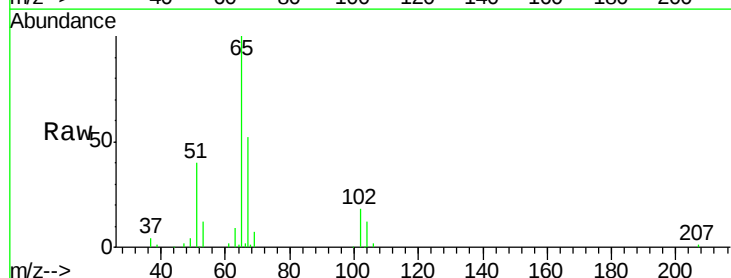
Acq: 15 Apr 2020 18:30

Tgt Ion: 65 Resp: 103575

Ion Ratio Lower Upper

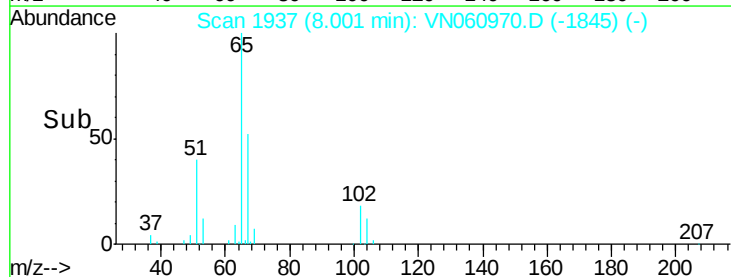
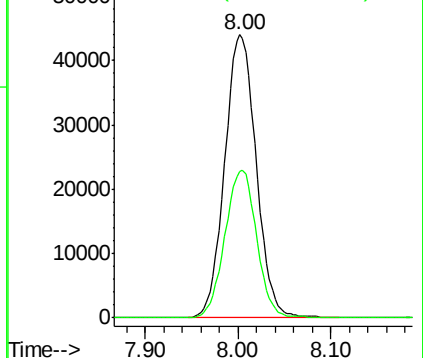
65 100

67 52.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

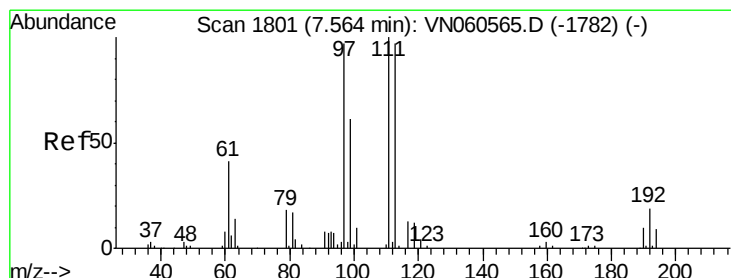
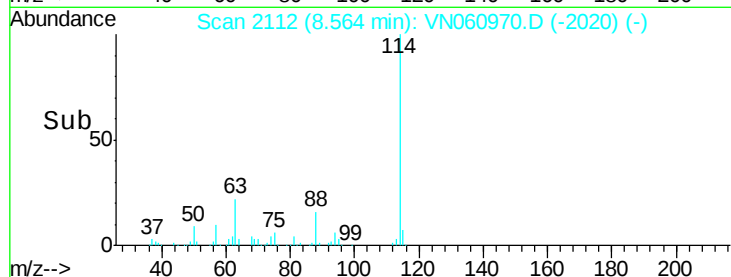
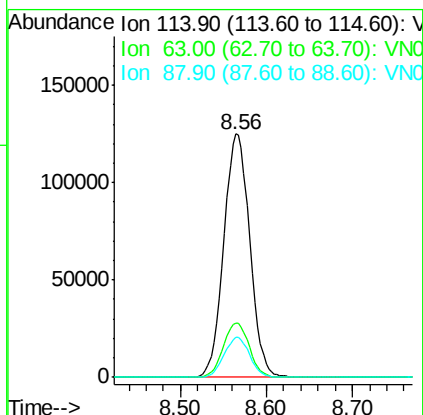
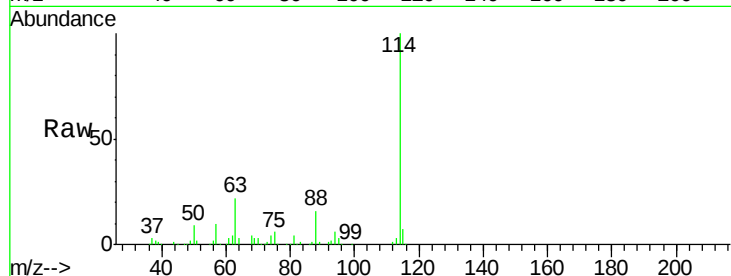




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060970.D
 Acq: 15 Apr 2020 18:30

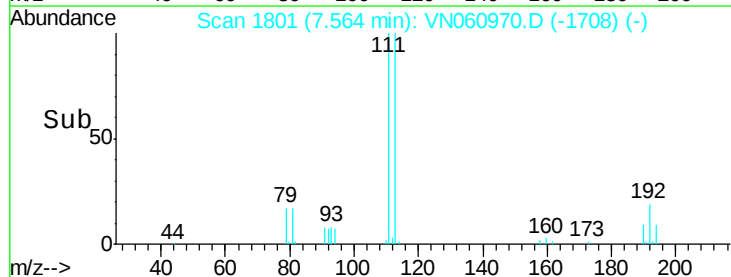
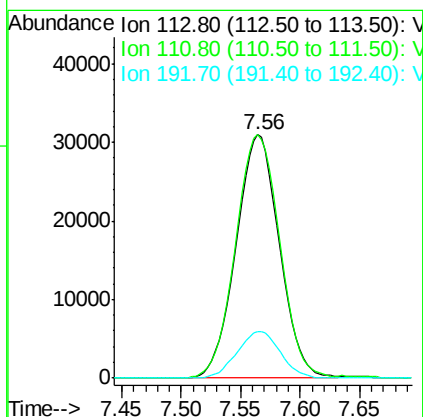
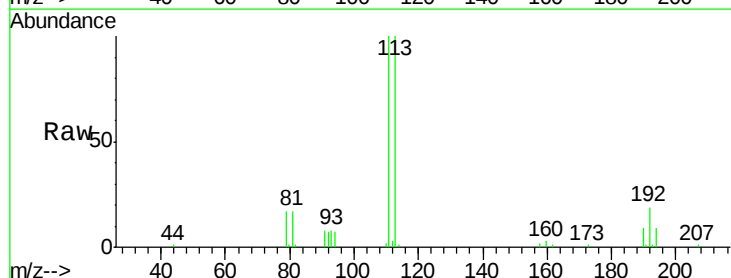
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-34

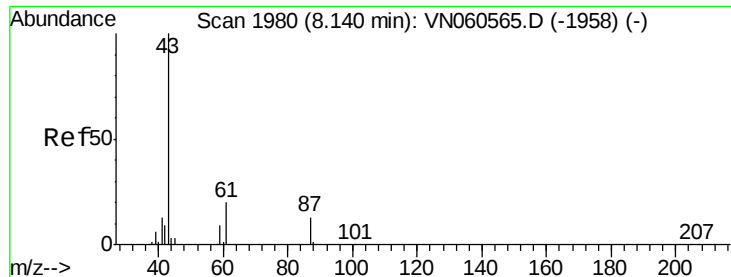
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	43.8
88	16.3	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.093 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060970.D
 Acq: 15 Apr 2020 18:30

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.0	15.8	23.8





#43

Isopropyl Acetate

Concen: 9.593 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060970.D

Acq: 15 Apr 2020 18:30

Instrument :

MSVOA_N

ClientSampled :

TP-34

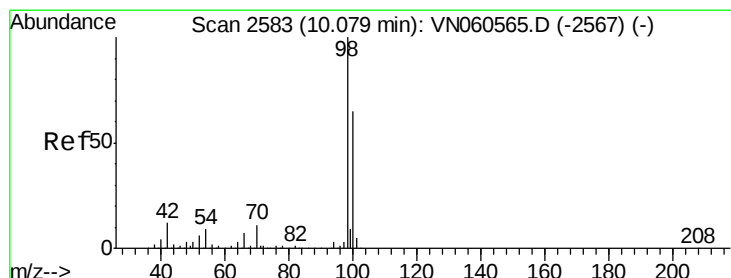
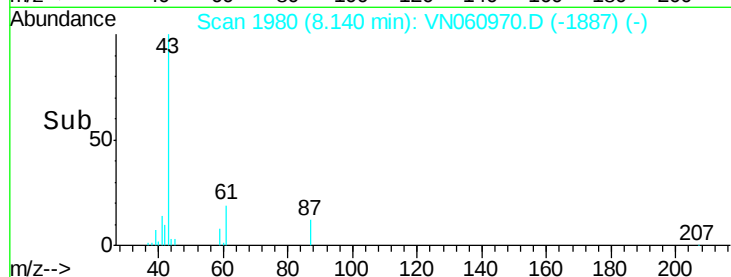
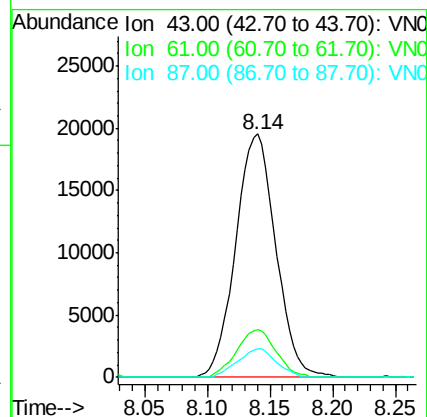
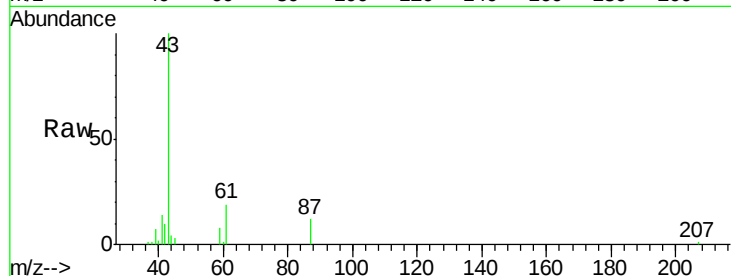
Tot Ion: 43 Resp: 43465

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

87 11.2 9.8 14.8



#50

Toluene-d8

Concen: 50.805 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060970.D

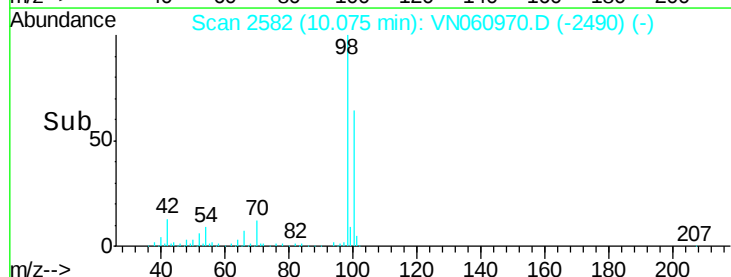
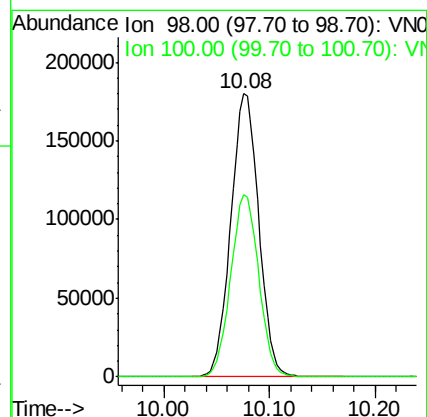
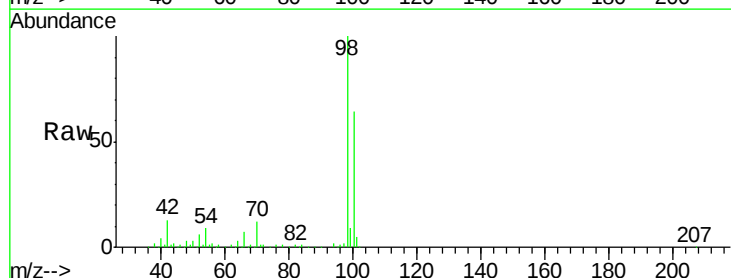
Acq: 15 Apr 2020 18:30

Tgt Ion: 98 Resp: 329501

Ion Ratio Lower Upper

98 100

100 64.6 51.8 77.8

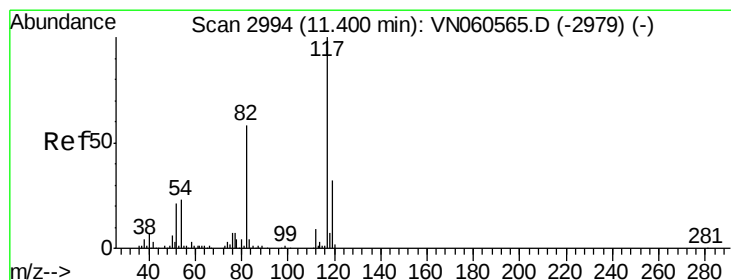
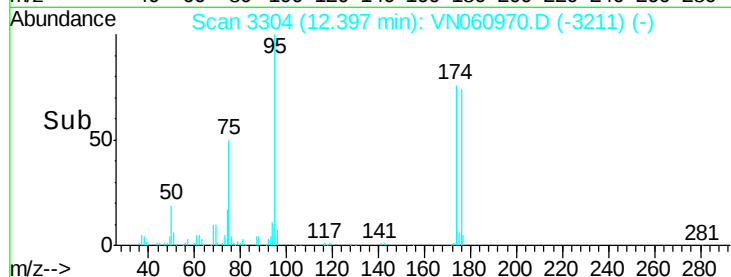
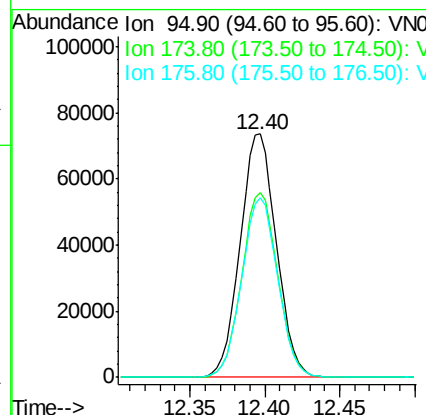
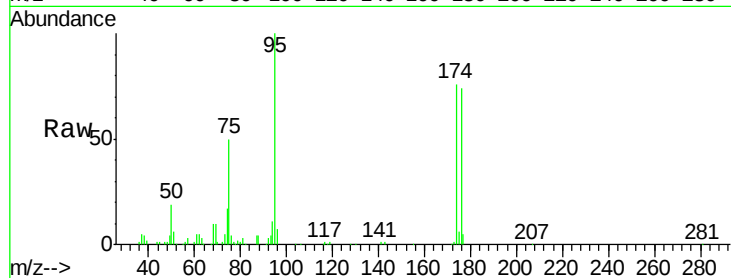




#62
 4-Bromofluorobenzene
 Concen: 52.138 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060970.D
 Acq: 15 Apr 2020 18:30

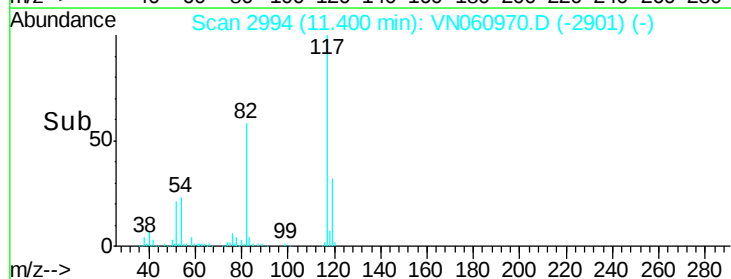
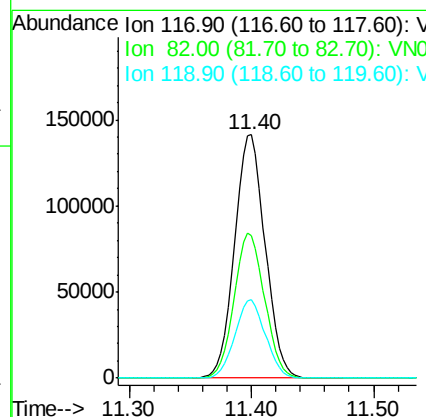
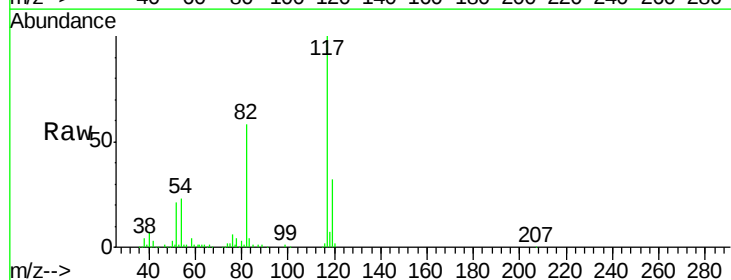
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-34

Tot Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	157.6
176	73.3	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: VN060970.D
 Acq: 15 Apr 2020 18:30

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.7	70.1
119	32.0	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: VN060970.D

Acq: 15 Apr 2020 18:30

Instrument :

MSVOA_N

ClientSampleId :

TP-34

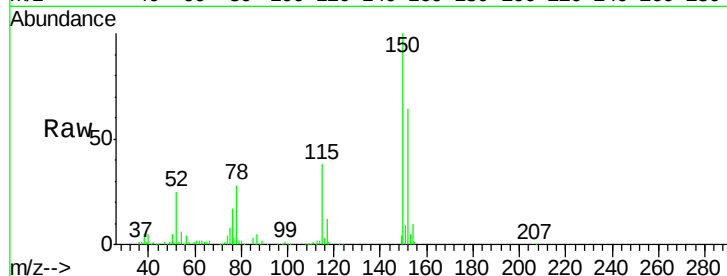
Tot Ion:152 Resp: 113234

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 155.8 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

