

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060940.D
 Acq On : 14 Apr 2020 17:45
 Operator : JC/MD
 Sample : L2243-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-34-33-COMP

Quant Time: Apr 15 09:37:25 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

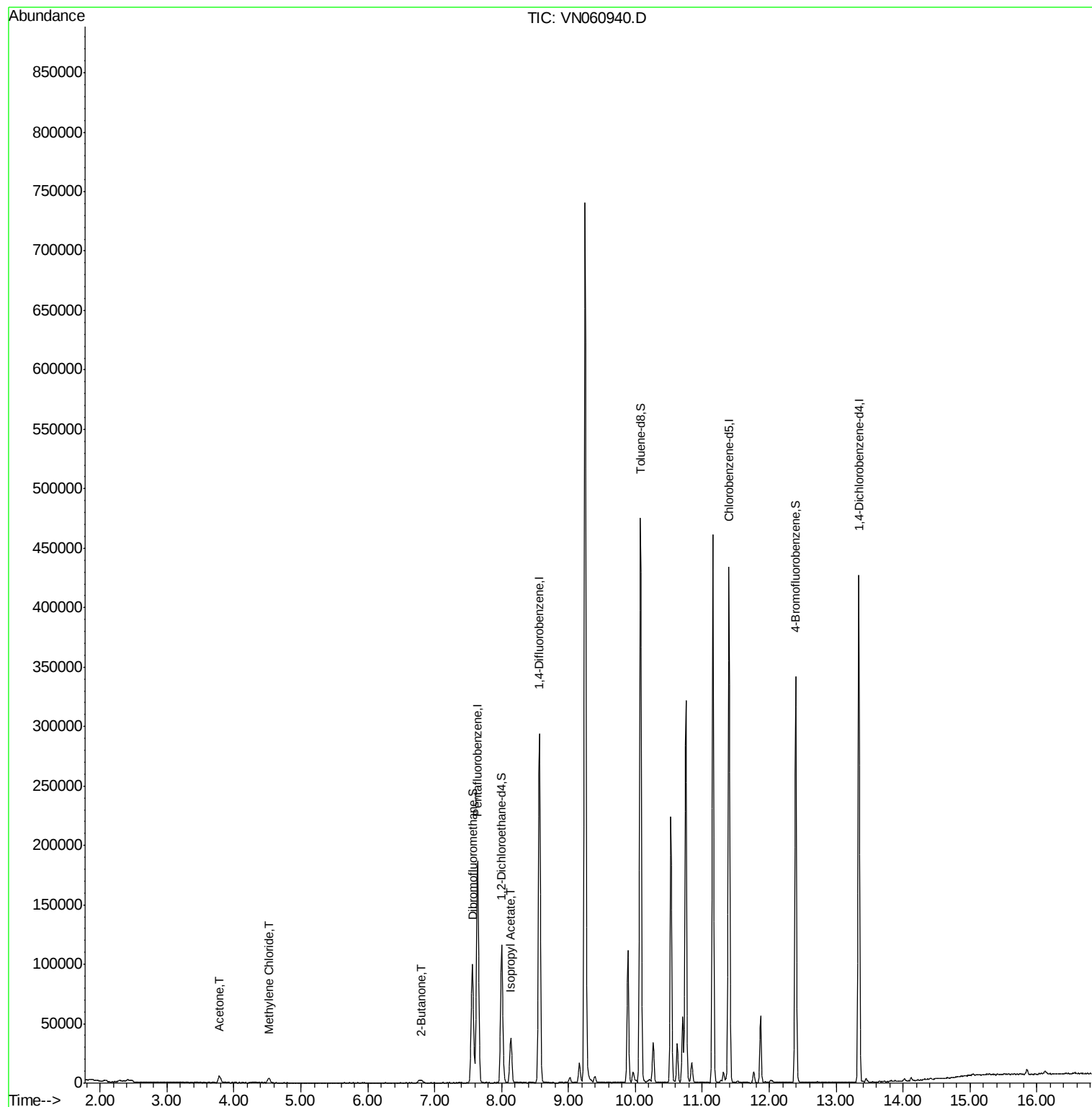
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	152009	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	260574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245144	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100535	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
35) Dibromofluoromethane	7.56	113	77353	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.08	98	324810	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
62) 4-Bromofluorobenzene	12.39	95	122324	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
Target Compounds						
16) Acetone	3.78	43	11050	14.949	ug/l	98
20) Methylene Chloride	4.52	84	3002	1.651	ug/l	97
25) 2-Butanone	6.81	43	3339	2.792	ug/l	96
43) Isopropyl Acetate	8.14	43	46360	10.311	ug/l #	91

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

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QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060940.D

Acq: 14 Apr 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

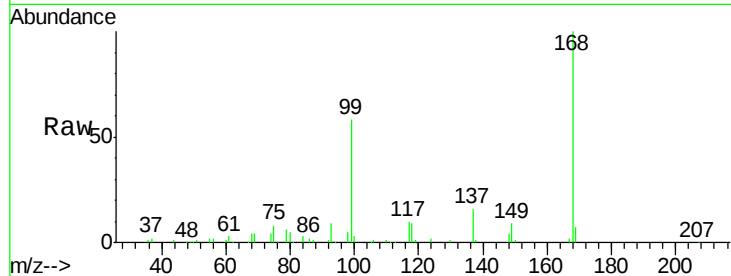
TP-34-33-COMP

Tot Ion:168 Resp: 152009

Ion Ratio Lower Upper

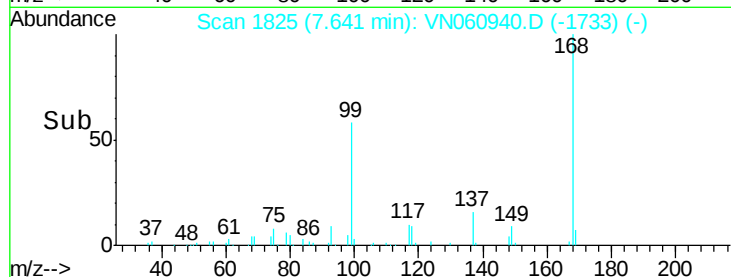
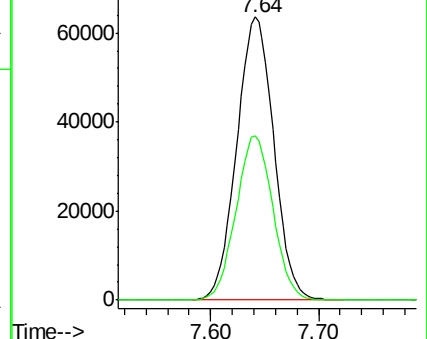
168 100

99 58.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 14.949 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060940.D

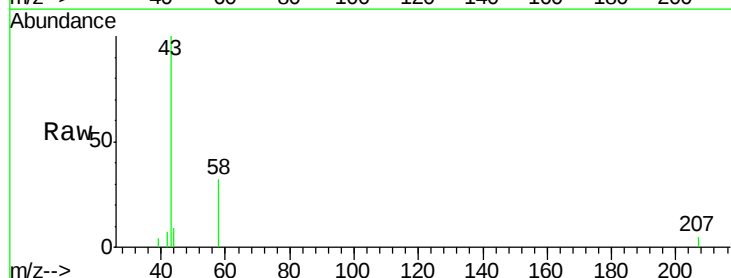
Acq: 14 Apr 2020 17:45

Tgt Ion: 43 Resp: 11050

Ion Ratio Lower Upper

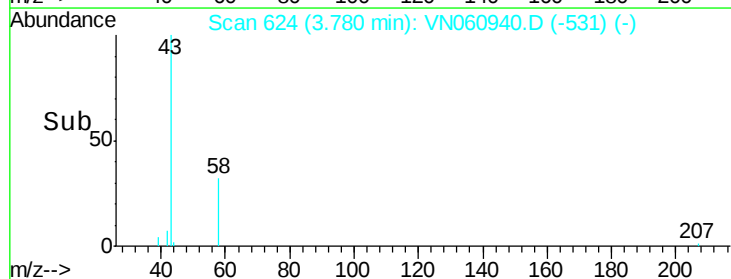
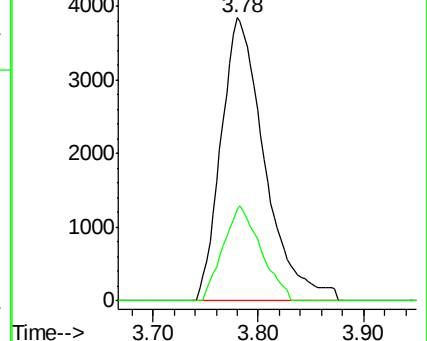
43 100

58 32.3 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methvlene Chloride

Concen: 1.651 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060940.D

Acq: 14 Apr 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

TP-34-33-COMP

Tot Ion: 84 Resp: 3002

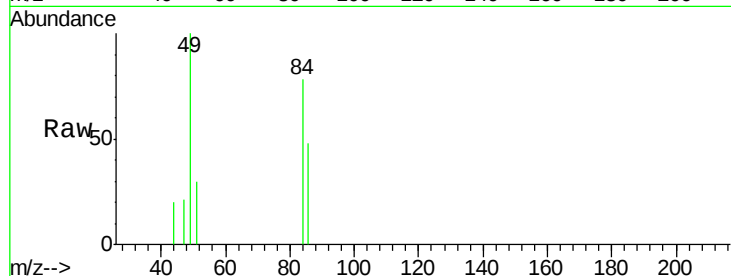
Ion Ratio Lower Upper

84 100

49 127.7 103.3 154.9

51 38.0 31.6 47.4

86 60.9 52.0 78.0

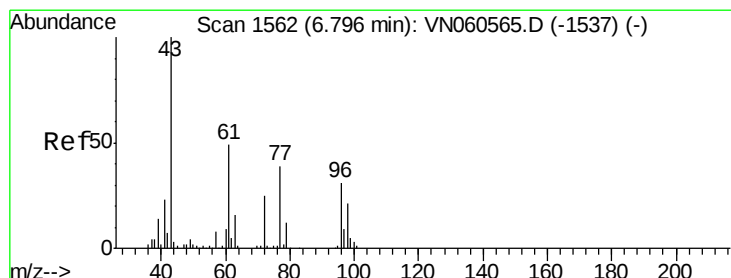
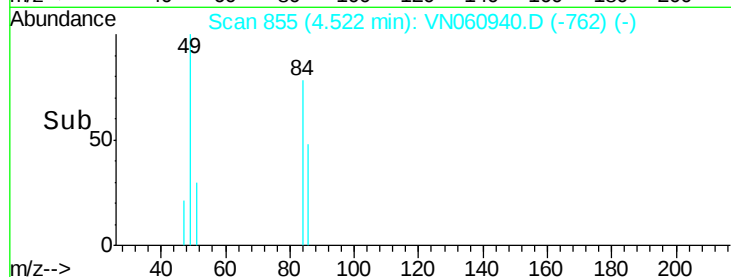
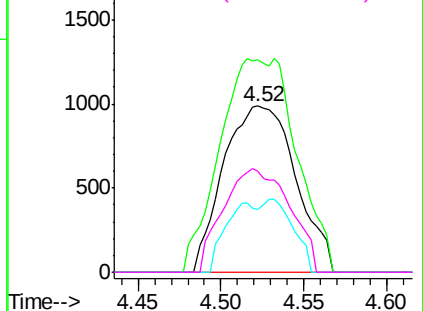


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#25

2-Butanone

Concen: 2.792 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.01 min

Lab File: VN060940.D

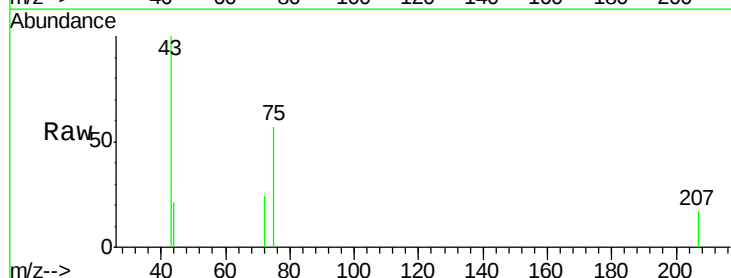
Acq: 14 Apr 2020 17:45

Tgt Ion: 43 Resp: 3339

Ion Ratio Lower Upper

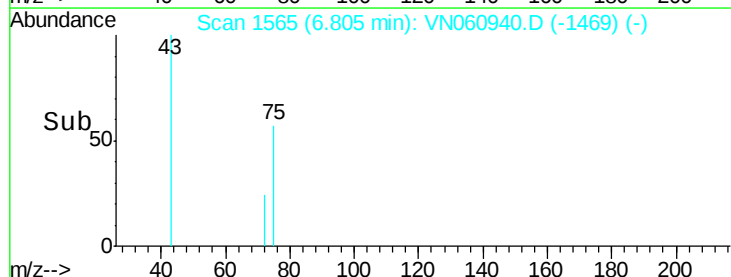
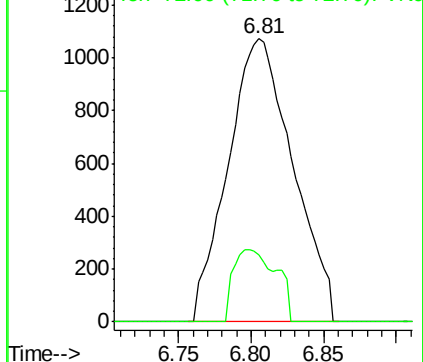
43 100

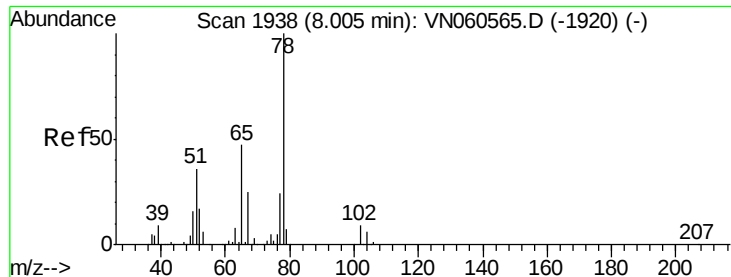
72 23.5 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 48.178 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060940.D

Acq: 14 Apr 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

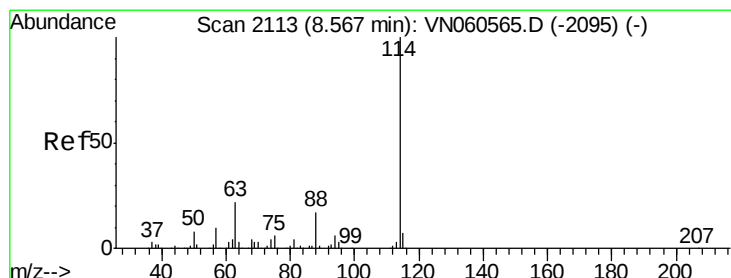
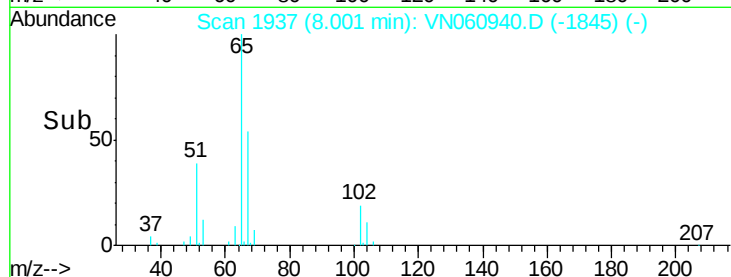
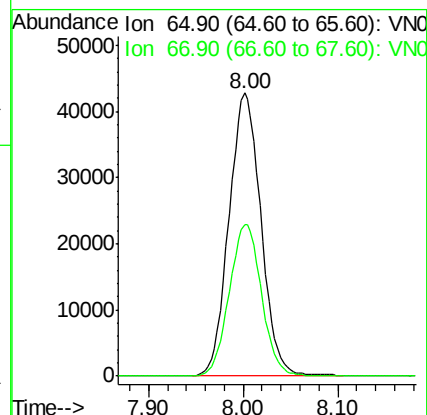
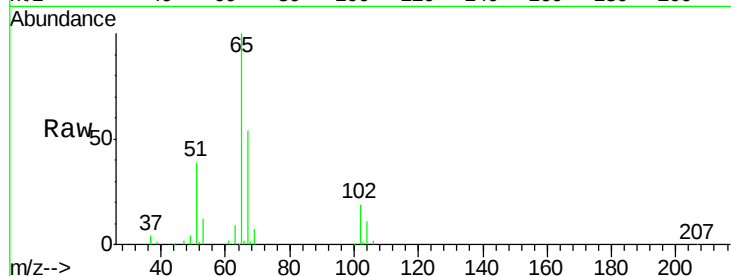
TP-34-33-COMP

Tot Ion: 65 Resp: 100535

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060940.D

Acq: 14 Apr 2020 17:45

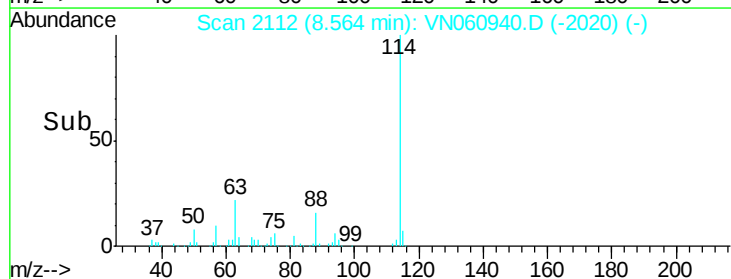
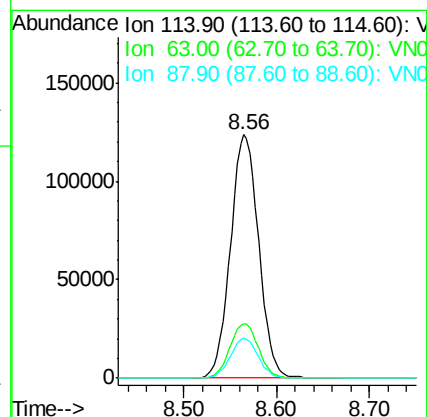
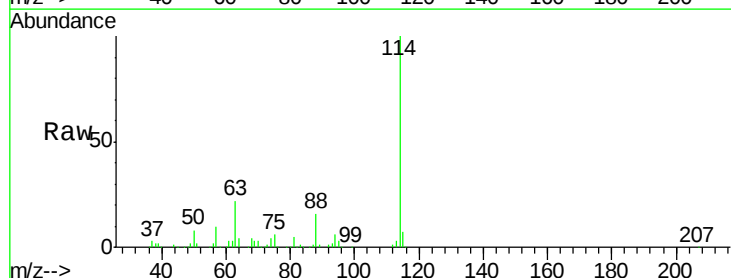
Tgt Ion: 114 Resp: 260574

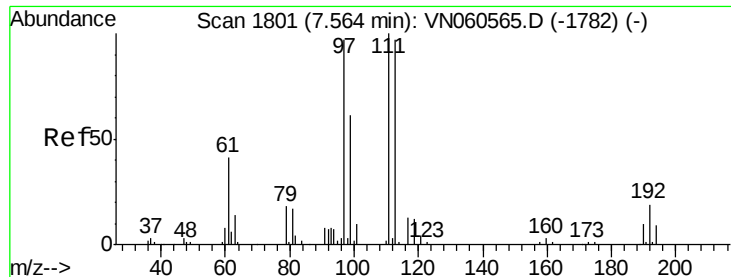
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

88 16.4 0.0 33.0

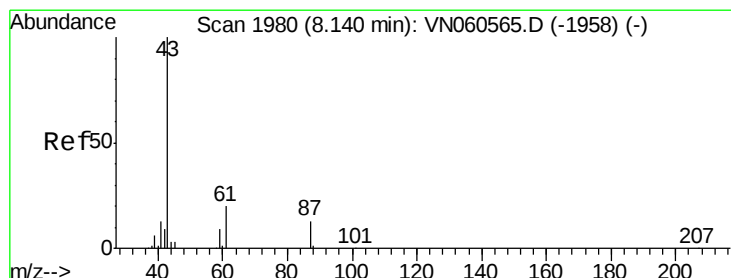
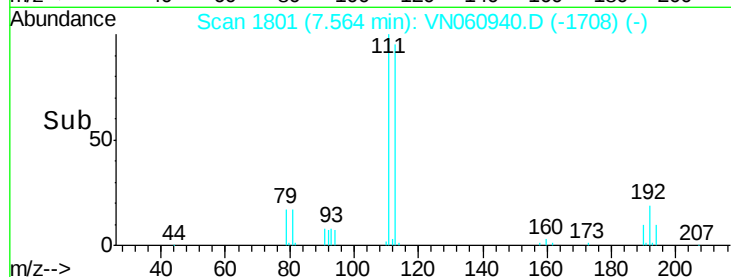
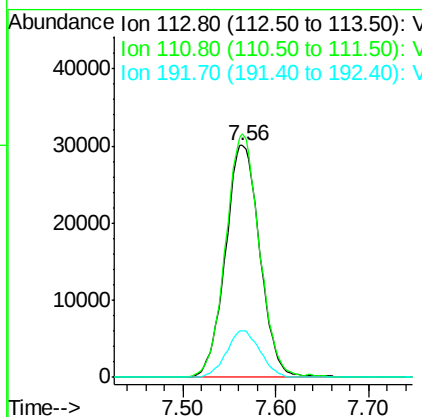
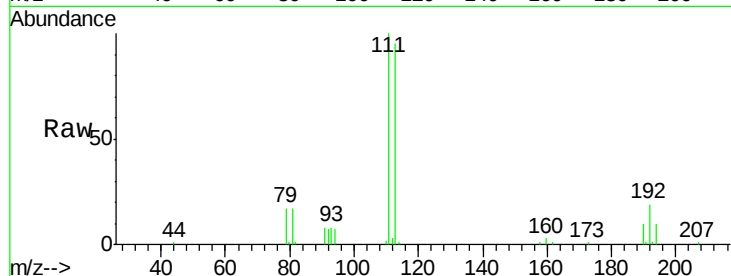




#35
Dibromofluoromethane
Concen: 49.094 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060940.D
Acq: 14 Apr 2020 17:45

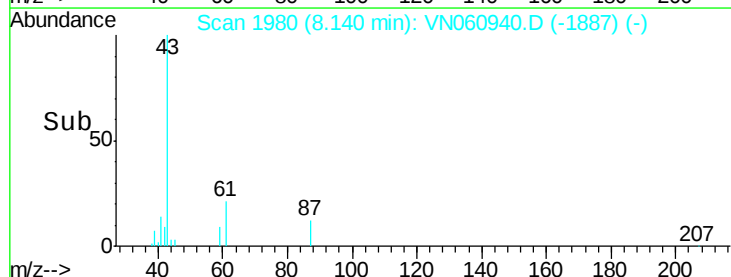
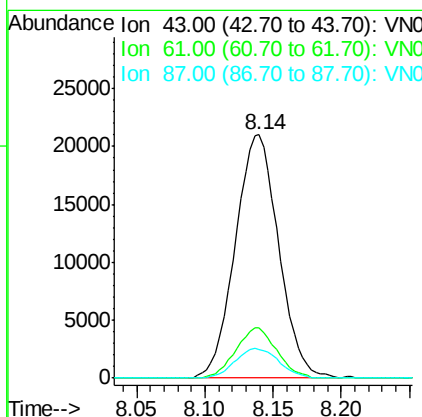
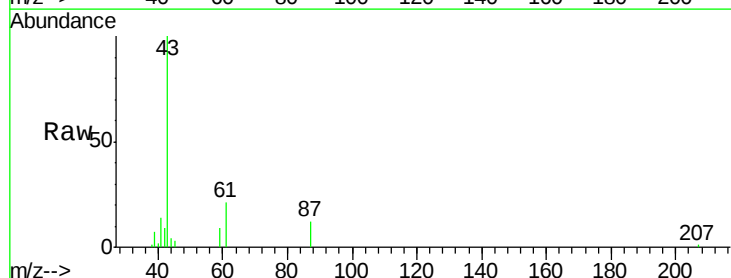
Instrument :
MSVOA_N
ClientSampleId :
TP-34-33-COMP

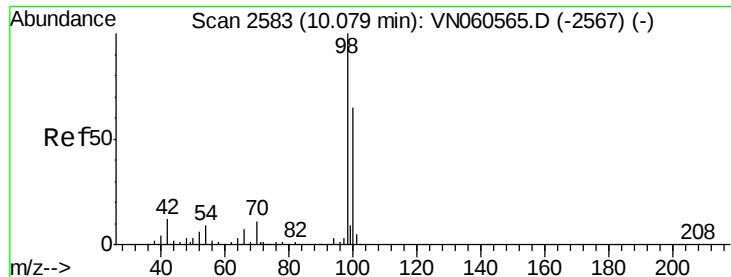
Tot Ion:113 Resp: 77353
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.5 15.8 23.8



#43
Isopropyl Acetate
Concen: 10.311 ug/l
RT: 8.14 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060940.D
Acq: 14 Apr 2020 17:45

Tgt Ion: 43 Resp: 46360
Ion Ratio Lower Upper
43 100
61 19.3 20.7 31.1#
87 12.2 9.8 14.8





#50

Toluene-d8

Concen: 50.470 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060940.D

Acq: 14 Apr 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

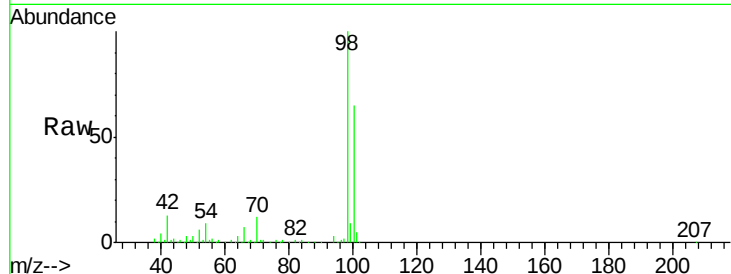
TP-34-33-COMP

Tot Ion: 98 Resp: 324810

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060940.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060940.D (-2490) (-)

10.08

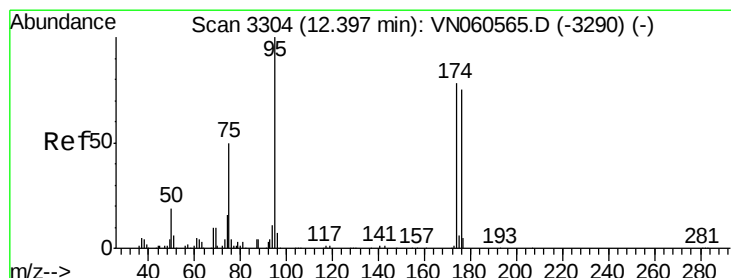
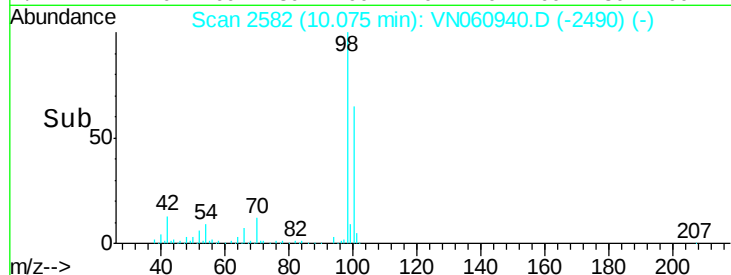
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.863 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060940.D

Acq: 14 Apr 2020 17:45

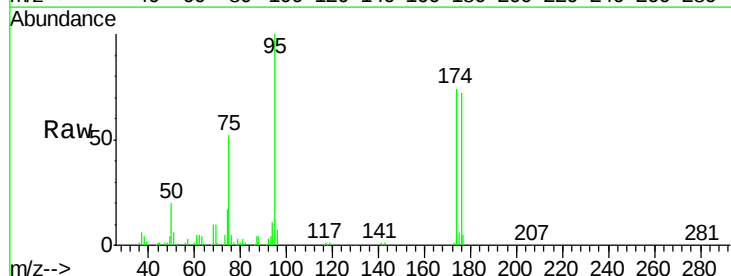
Tgt Ion: 95 Resp: 122324

Ion Ratio Lower Upper

95 100

174 74.8 0.0 157.6

176 72.8 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060940.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060940.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060940.D (-3211) (-)

12.39

80000

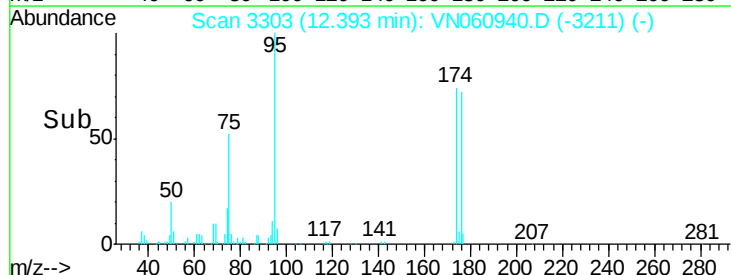
60000

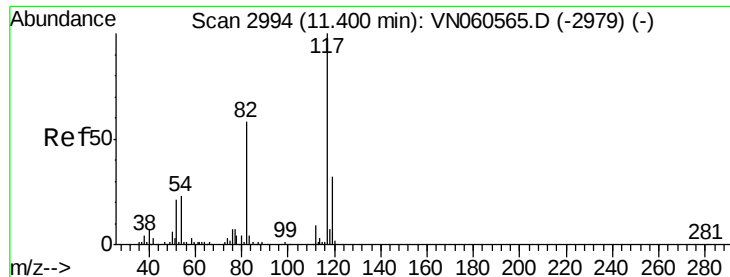
40000

20000

0

Time-->

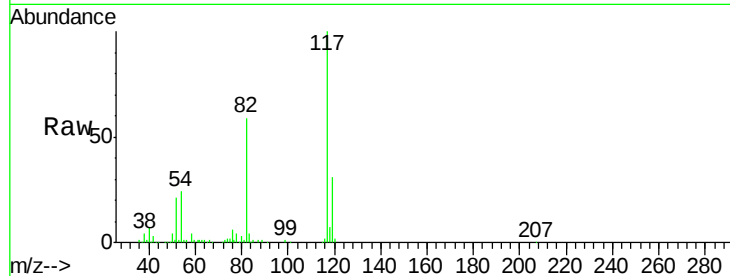




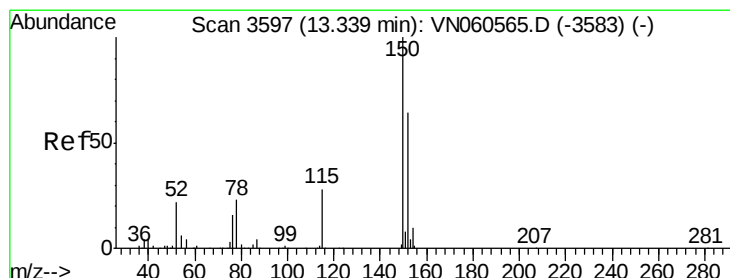
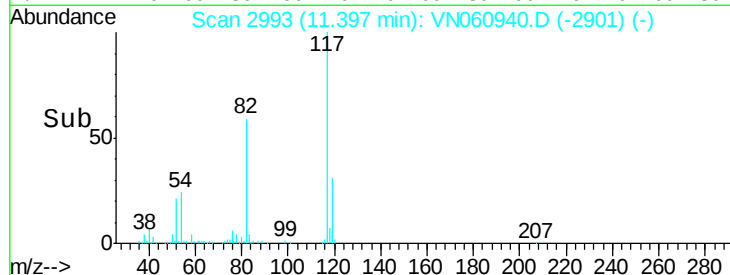
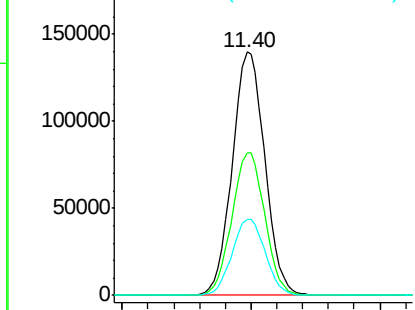
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060940.D
Acq: 14 Apr 2020 17:45

Instrument :
MSVOA_N
ClientSampleId :
TP-34-33-COMP

Tot Ion:117 Resp: 245144
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 31.4 25.5 38.3

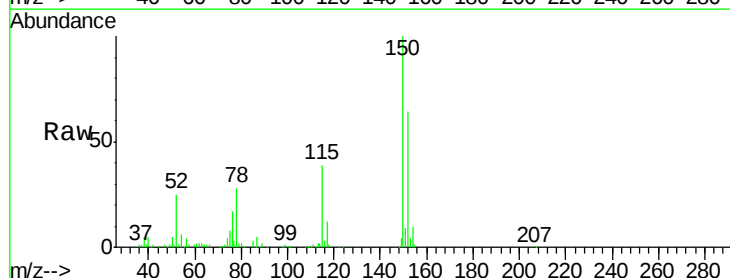


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060940.D
Acq: 14 Apr 2020 17:45

Tgt Ion:152 Resp: 111098
Ion Ratio Lower Upper
152 100
115 60.7 30.2 90.6
150 157.1 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

