

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060944.D
 Acq On : 14 Apr 2020 19:15
 Operator : JC/MD
 Sample : L2244-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-23-22-COMP

Quant Time: Apr 15 09:43:19 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

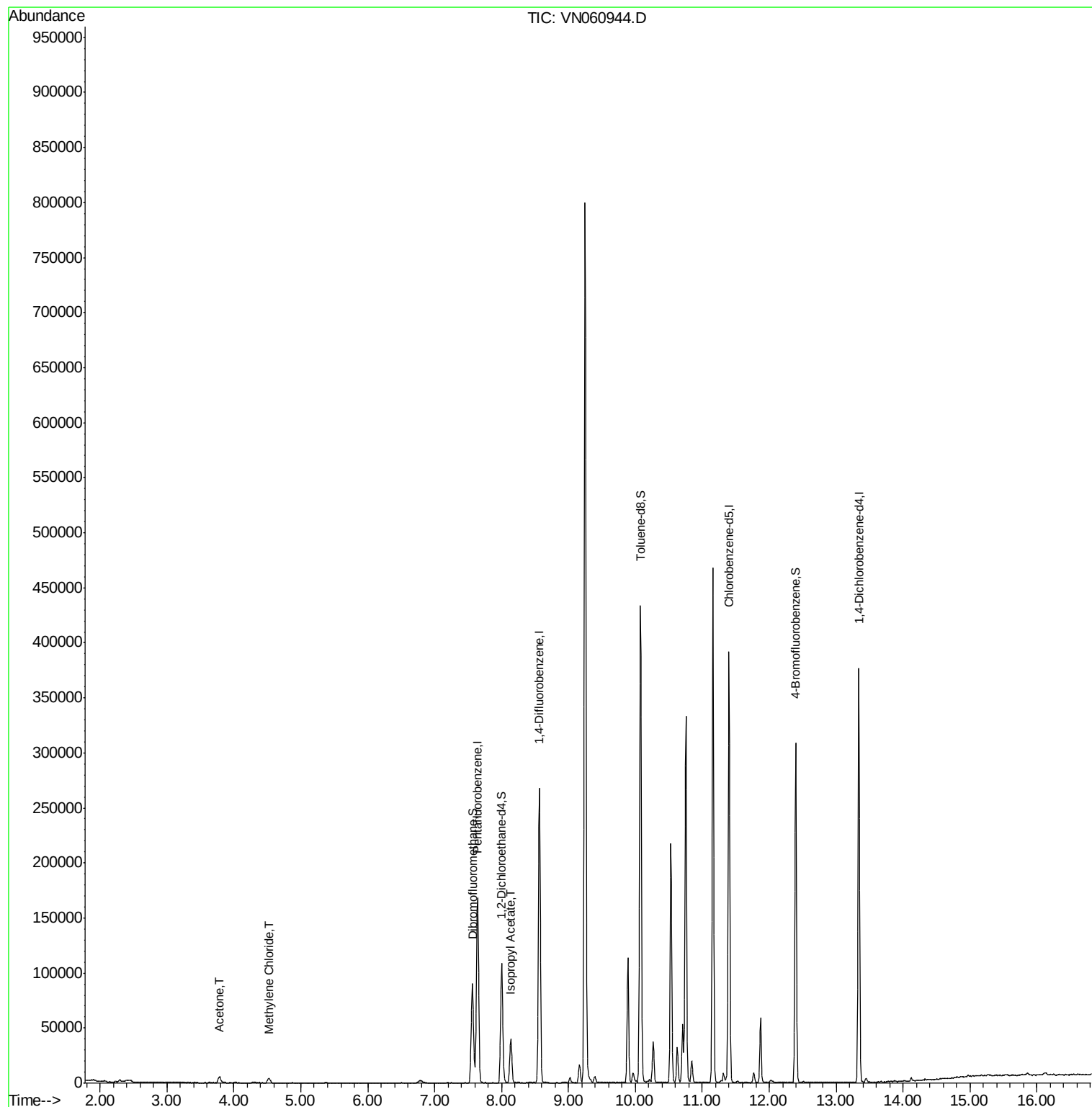
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	137564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	234756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	217466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	91723	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
35) Dibromofluoromethane	7.56	113	69681	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
50) Toluene-d8	10.08	98	291073	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	108430	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.06%	
Target Compounds						
16) Acetone	3.78	43	11146	16.663	ug/l	99
20) Methylene Chloride	4.53	84	3243	1.971	ug/l	95
43) Isopropyl Acetate	8.14	43	48221	11.904	ug/l #	91

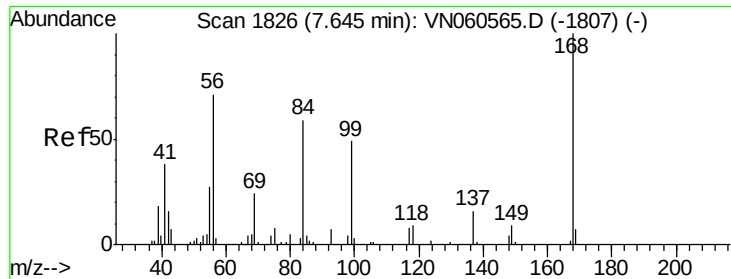
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

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Acq: 14 Apr 2020 19:15

Instrument :

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ClientSampleId :

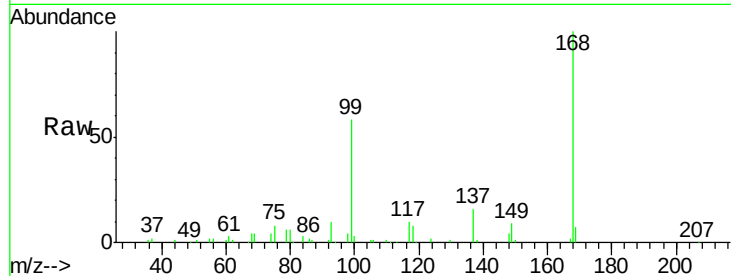
TP-23-22-COMP

Tot Ion:168 Resp: 137564

Ion Ratio Lower Upper

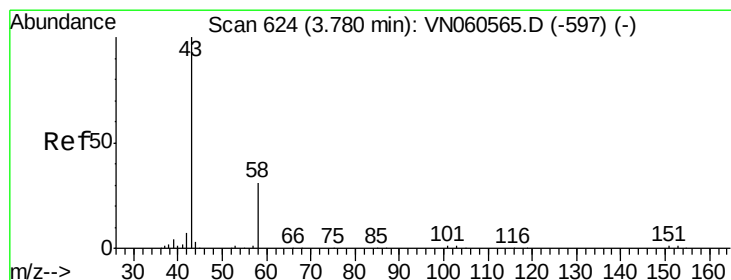
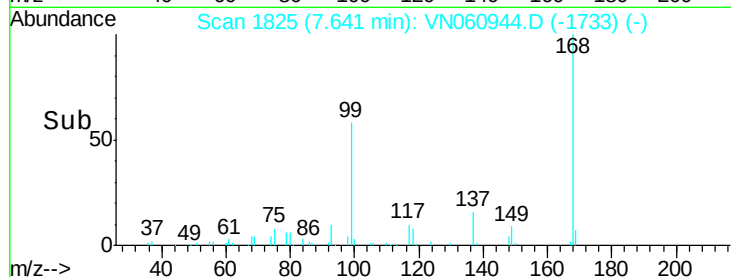
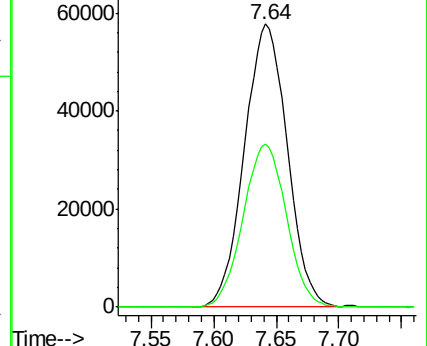
168 100

99 57.7 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: 16.663 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060944.D

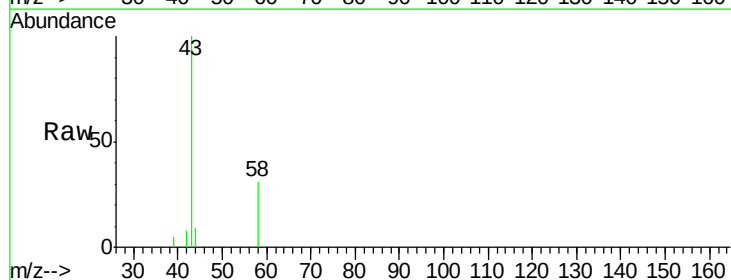
Acq: 14 Apr 2020 19:15

Tgt Ion: 43 Resp: 11146

Ion Ratio Lower Upper

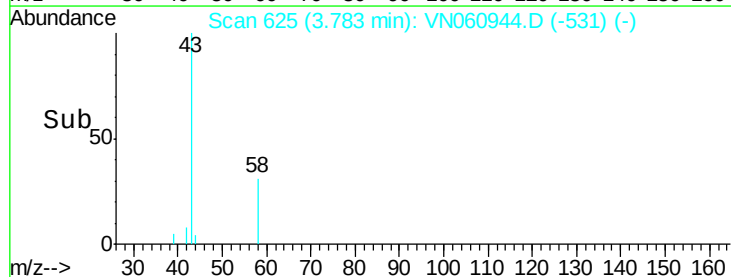
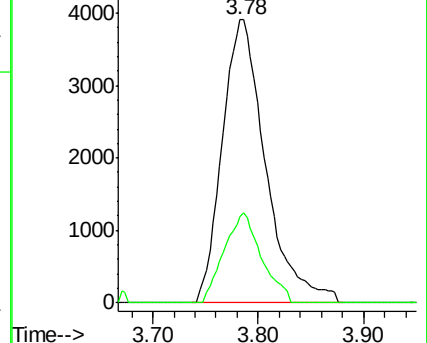
43 100

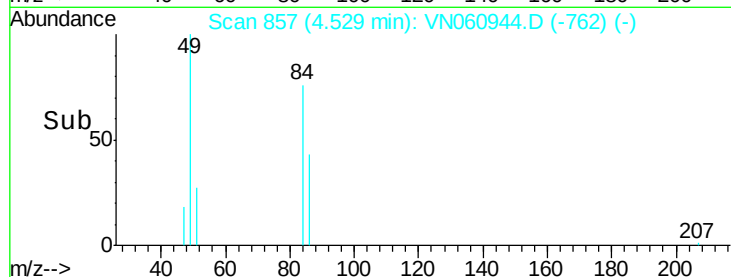
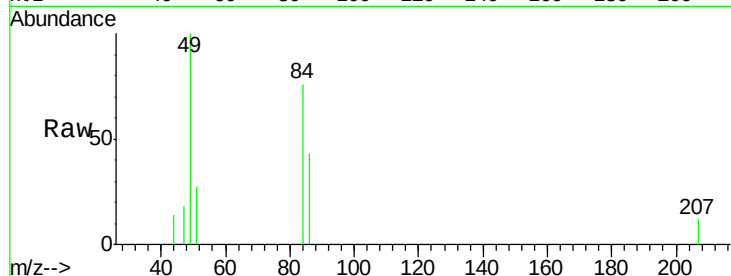
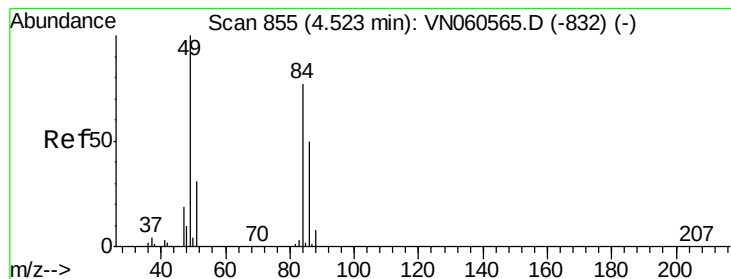
58 30.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 1.971 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.01 min

Lab File: VN060944.D

Acq: 14 Apr 2020 19:15

Instrument :

MSVOA_N

ClientSampleId :

TP-23-22-COMP

Tot Ion: 84 Resp: 3243

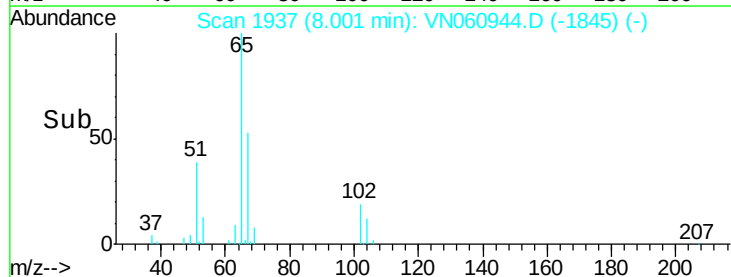
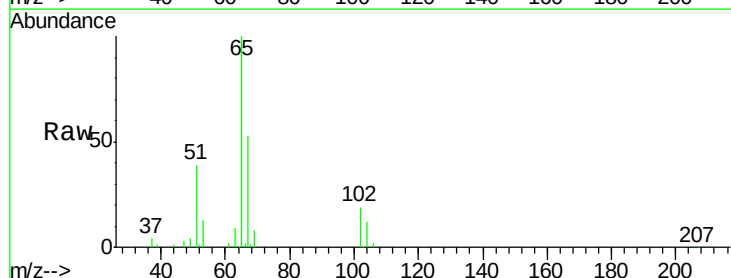
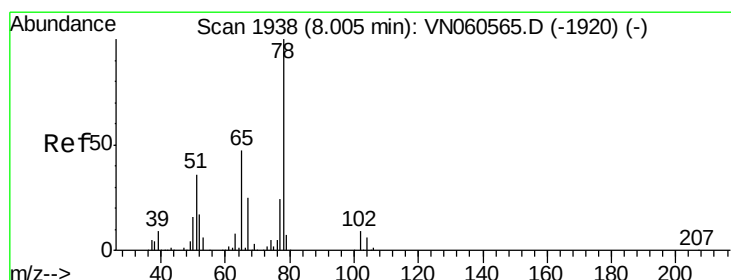
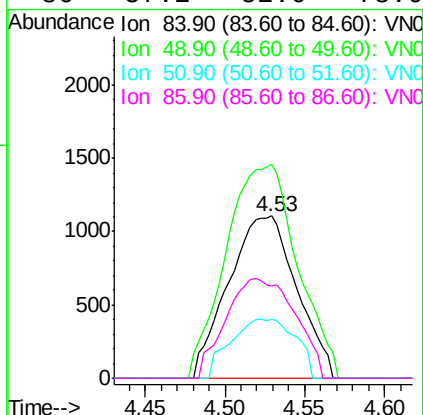
Ion Ratio Lower Upper

84 100

49 131.9 103.3 154.9

51 36.2 31.6 47.4

86 57.2 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 48.571 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060944.D

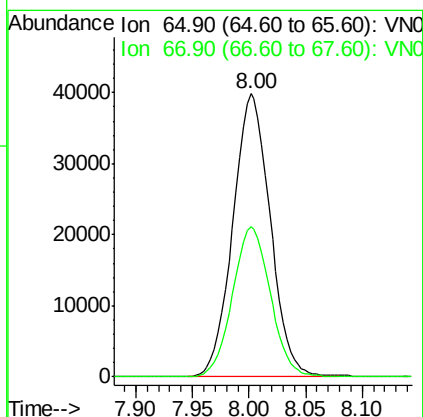
Acq: 14 Apr 2020 19:15

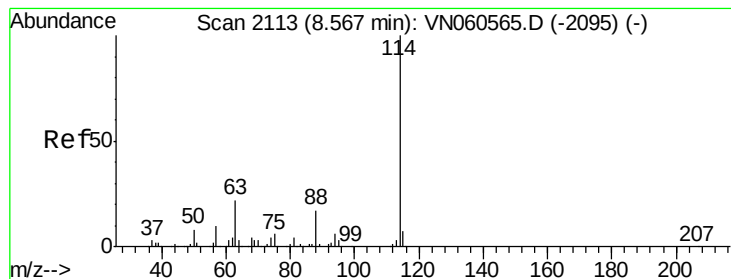
Tgt Ion: 65 Resp: 91723

Ion Ratio Lower Upper

65 100

67 53.5 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: VN060944.D

Acq: 14 Apr 2020 19:15

Instrument :

MSVOA_N

ClientSampleId :

TP-23-22-COMP

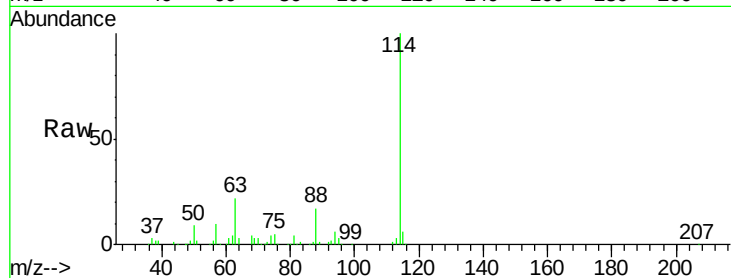
Tot Ion:114 Resp: 234756

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

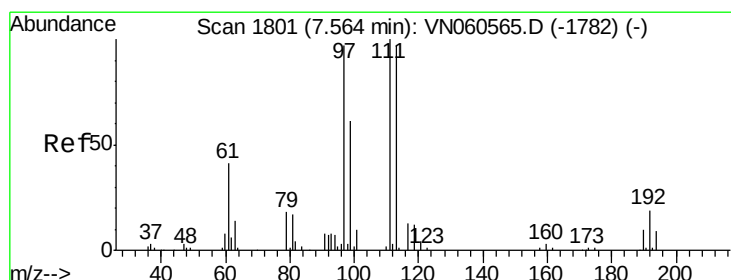
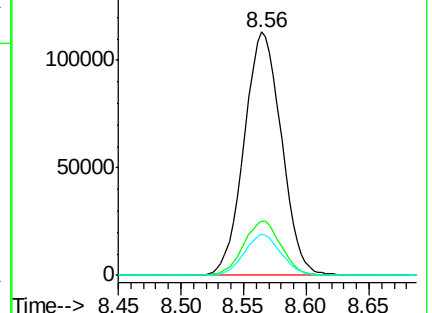
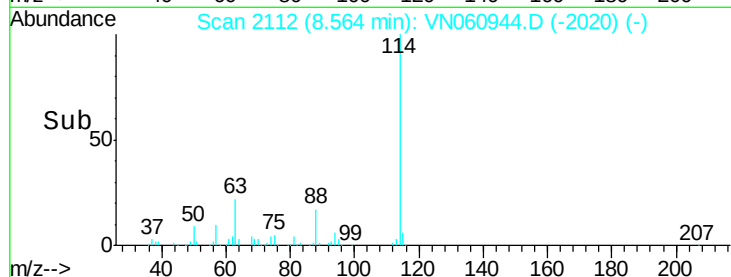
88 16.7 0.0 33.0



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



#35

Dibromofluoromethane

Concen: 49.089 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060944.D

Acq: 14 Apr 2020 19:15

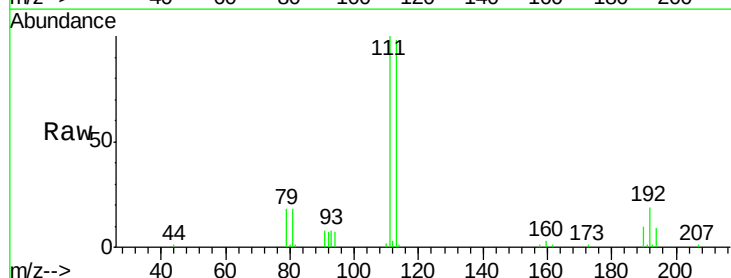
Tgt Ion:113 Resp: 69681

Ion Ratio Lower Upper

113 100

111 101.0 82.9 124.3

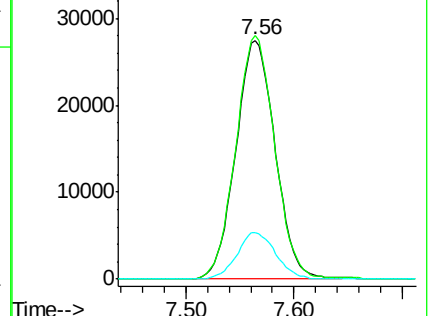
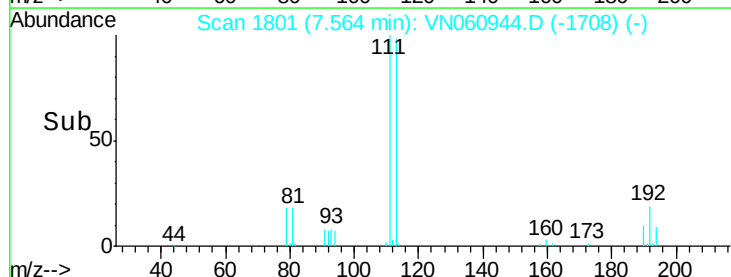
192 19.1 15.8 23.8

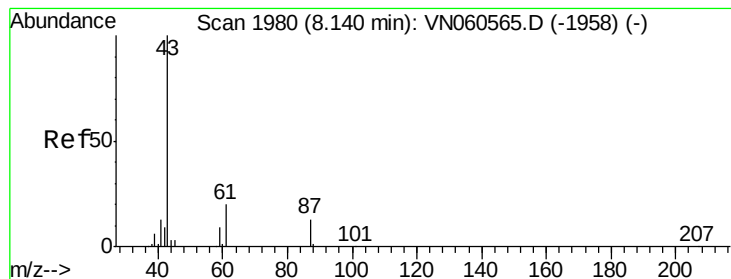


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.904 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060944.D

Acq: 14 Apr 2020 19:15

Instrument :

MSVOA_N

ClientSampleId :

TP-23-22-COMP

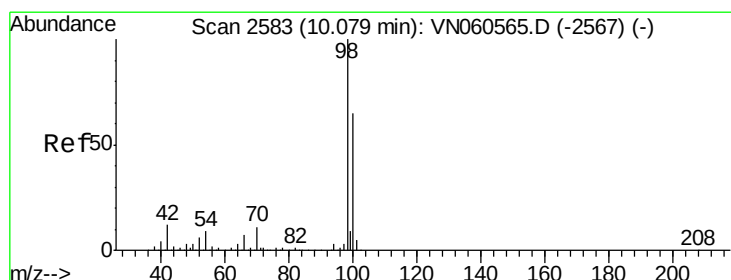
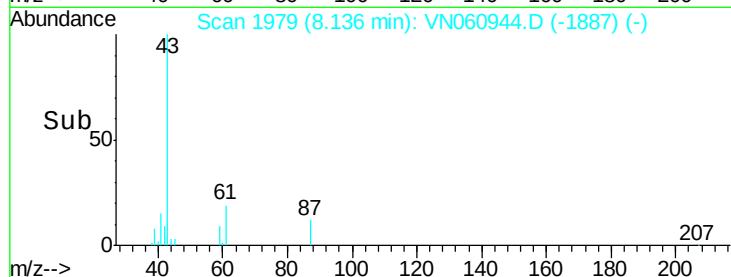
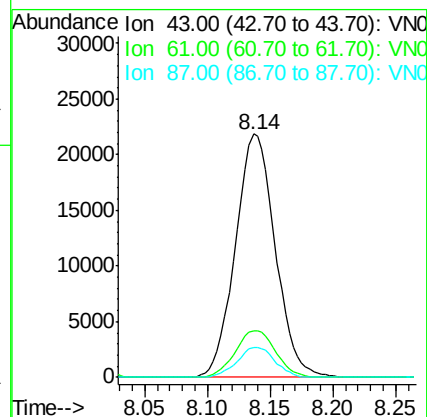
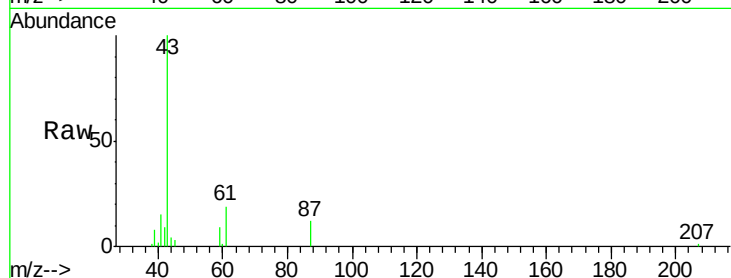
Tot Ion: 43 Resp: 48221

Ion Ratio Lower Upper

43 100

61 19.3 20.7 31.1#

87 11.7 9.8 14.8



#50

Toluene-d8

Concen: 50.202 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060944.D

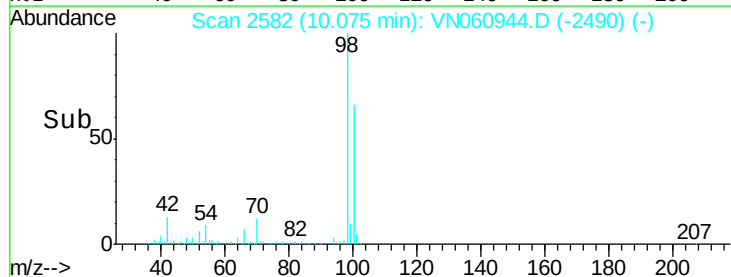
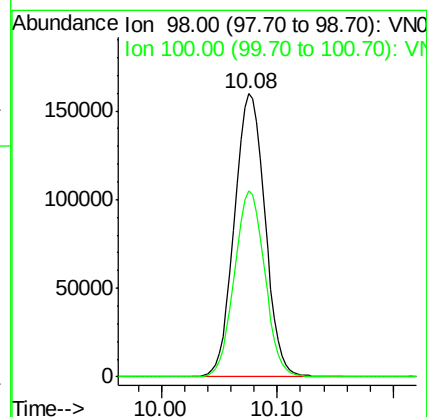
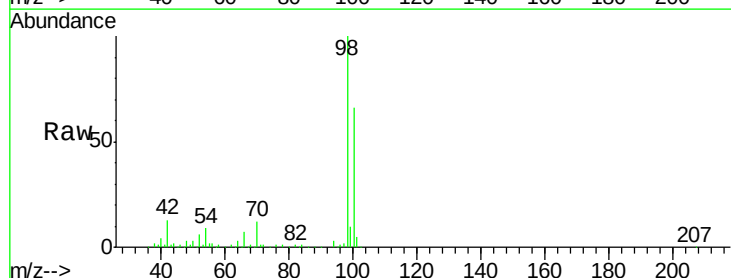
Acq: 14 Apr 2020 19:15

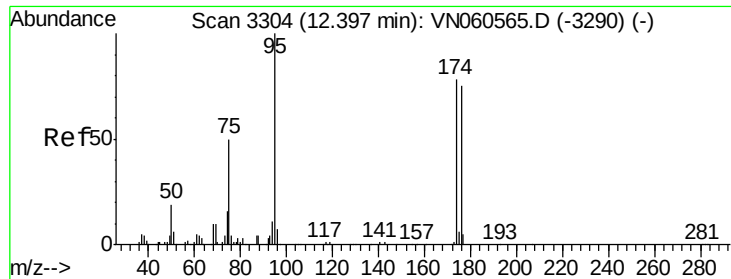
Tgt Ion: 98 Resp: 291073

Ion Ratio Lower Upper

98 100

100 65.1 51.8 77.8

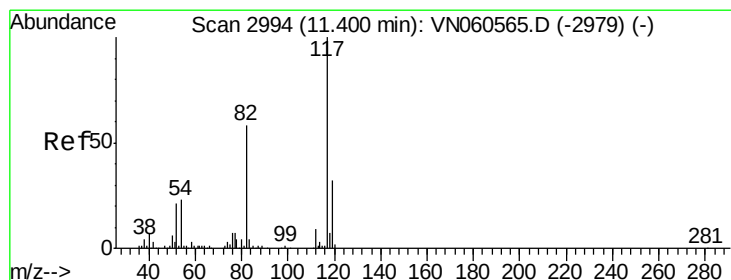
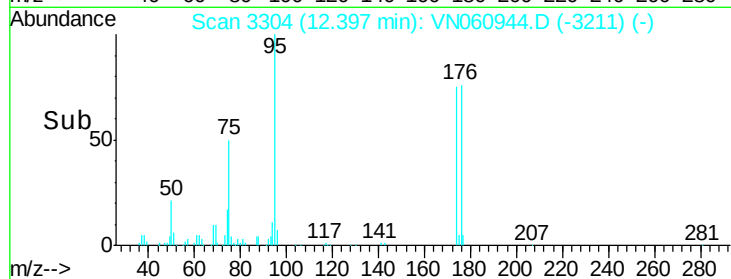
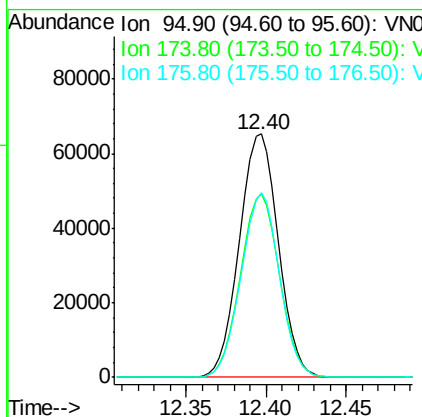
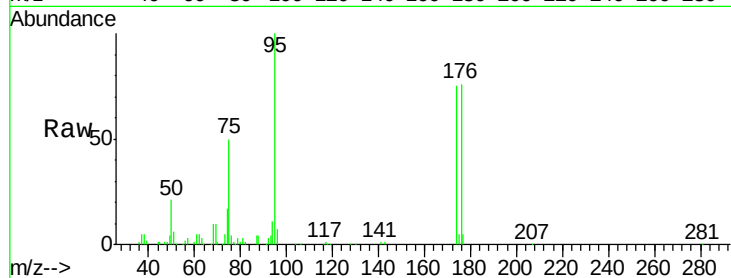




#62
4-Bromofluorobenzene
Concen: 51.028 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060944.D
Acq: 14 Apr 2020 19:15

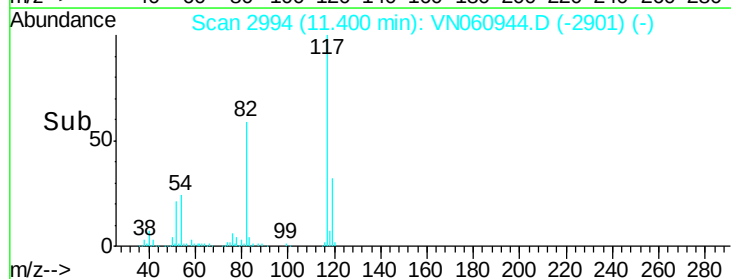
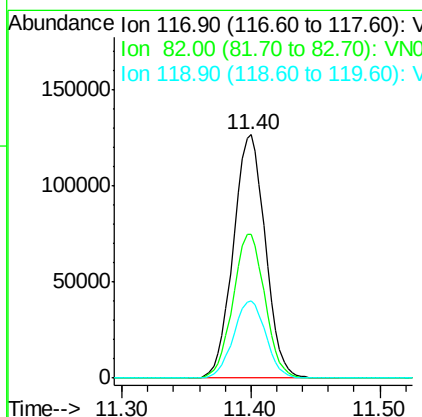
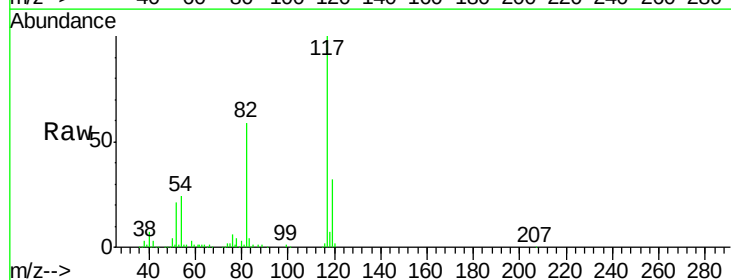
Instrument :
MSVOA_N
ClientSampleId :
TP-23-22-COMP

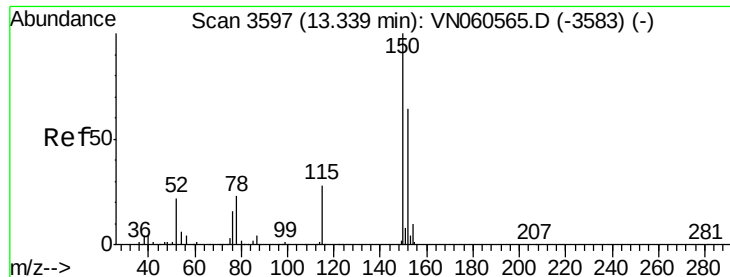
Tot Ion: 95 Resp: 108430
Ion Ratio Lower Upper
95 100
174 75.4 0.0 157.6
176 74.4 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060944.D
Acq: 14 Apr 2020 19:15

Tgt Ion: 117 Resp: 217466
Ion Ratio Lower Upper
117 100
82 59.1 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: VN060944.D

Acq: 14 Apr 2020 19:15

Instrument :

MSVOA_N

ClientSampleId :

TP-23-22-COMP

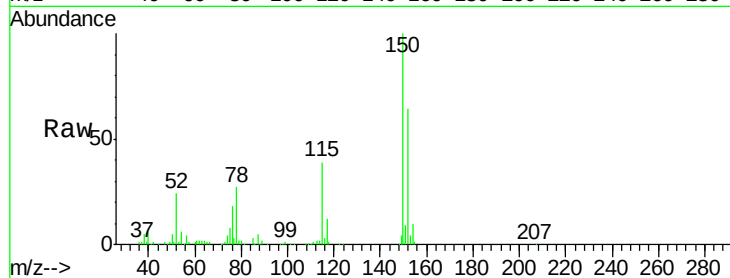
Tot Ion:152 Resp: 98352

Ion Ratio Lower Upper

152 100

115 60.5 30.2 90.6

150 157.3 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

