

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060293.D
 Acq On : 28 Feb 2020 18:28
 Operator : JC/MD
 Sample : L1718-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 06

Quant Time: Feb 29 02:31:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

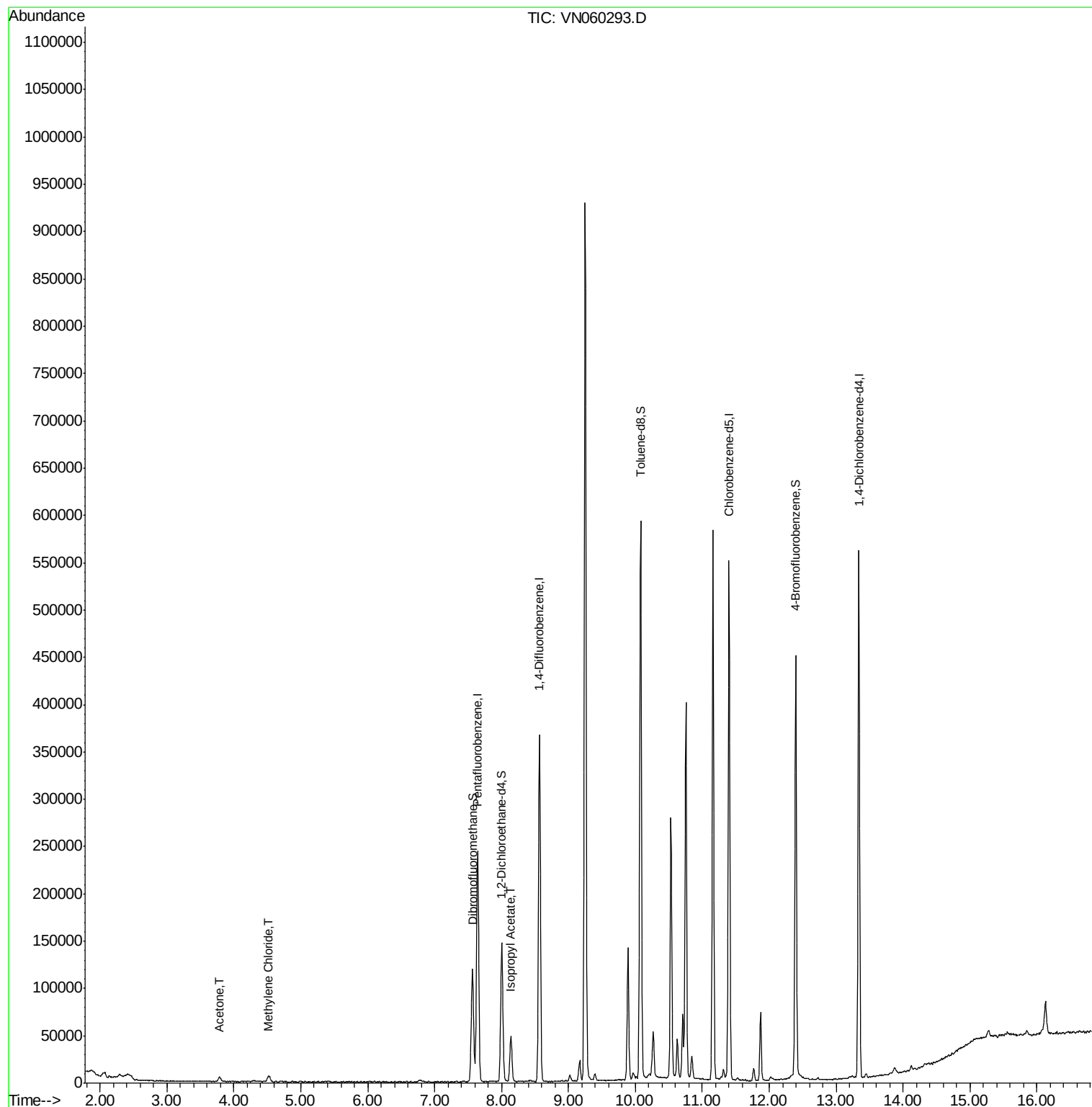
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	199252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	324954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127153	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
35) Dibromofluoromethane	7.56	113	91310	60.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.08%	
50) Toluene-d8	10.08	98	401104	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
62) 4-Bromofluorobenzene	12.40	95	149017	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
Target Compounds						
16) Acetone	3.79	43	8535	10.339	ug/l	97
20) Methylene Chloride	4.52	84	5058	2.231	ug/l #	93
43) Isopropyl Acetate	8.14	43	56712	11.047	ug/l #	92

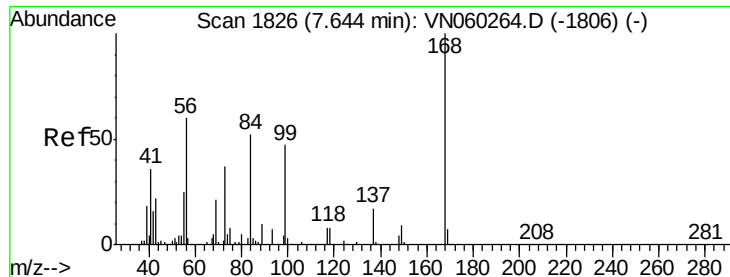
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022820\
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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: VN060293.D

Acq: 28 Feb 2020 18:28

Instrument :

MSVOA_N

ClientSampled :

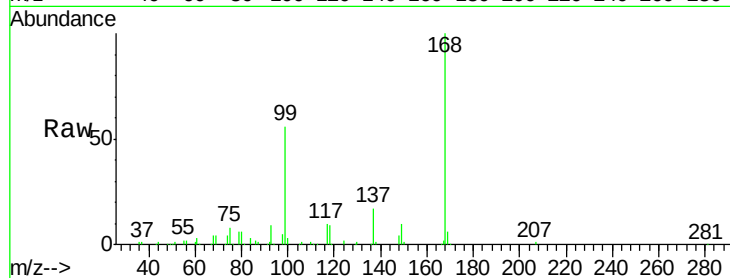
06

Tot Ion:168 Resp: 199252

Ion Ratio Lower Upper

168 100

99 56.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

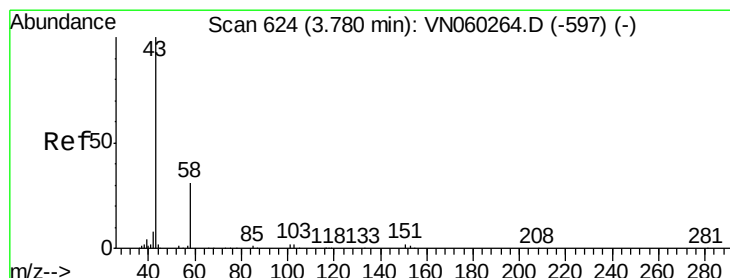
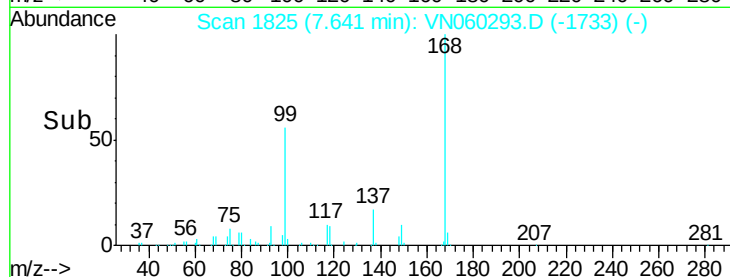
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 10.339 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060293.D

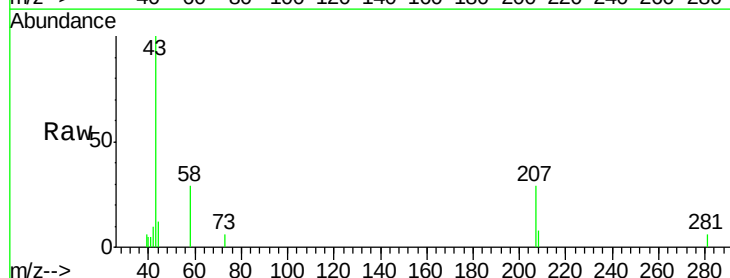
Acq: 28 Feb 2020 18:28

Tgt Ion: 43 Resp: 8535

Ion Ratio Lower Upper

43 100

58 28.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

3000

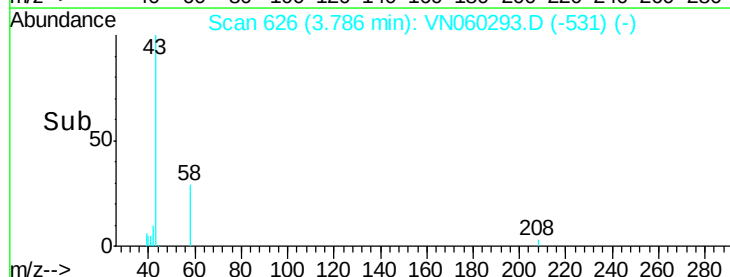
2000

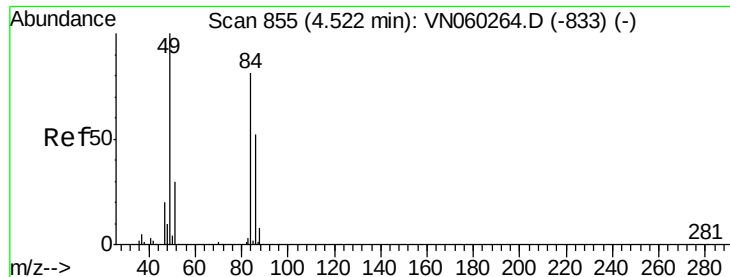
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

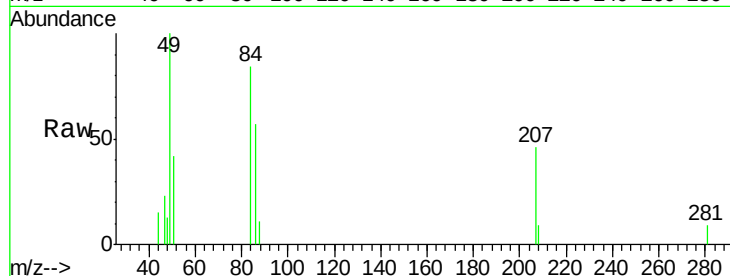




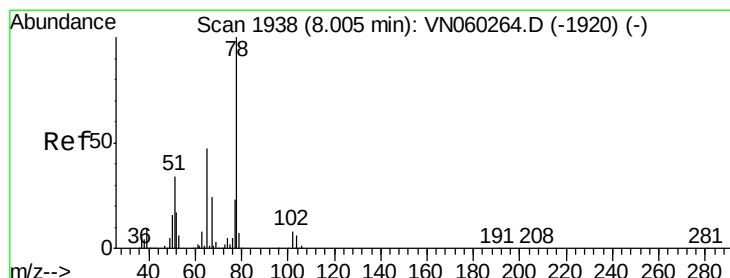
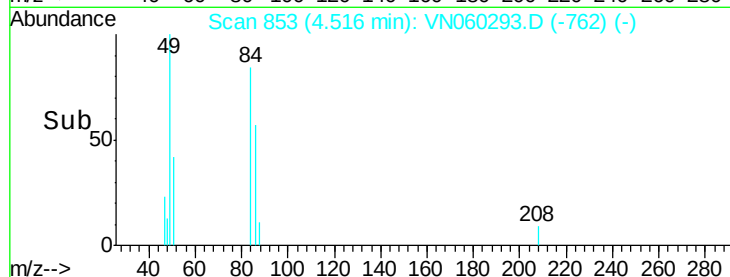
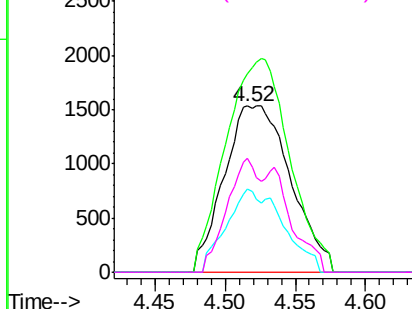
#20
Methylene Chloride
Concen: 2.231 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060293.D
Acq: 28 Feb 2020 18:28

Instrument :
MSVOA_N
ClientSampled :
06

Tot Ion: 84 Resp: 5058
Ion Ratio Lower Upper
84 100
49 119.3 99.3 148.9
51 50.0 30.1 45.1#
86 68.5 51.1 76.7

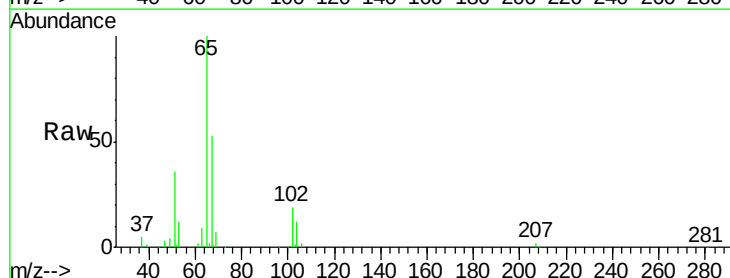


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

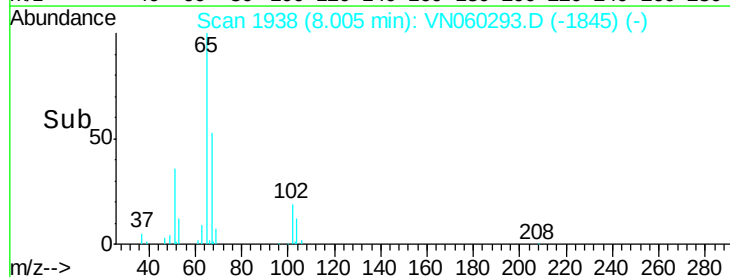
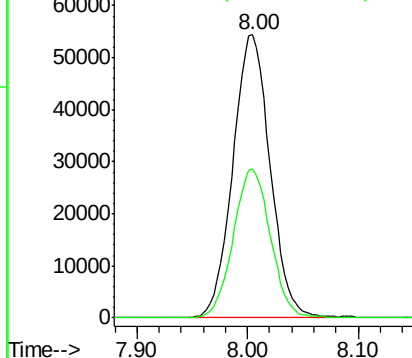


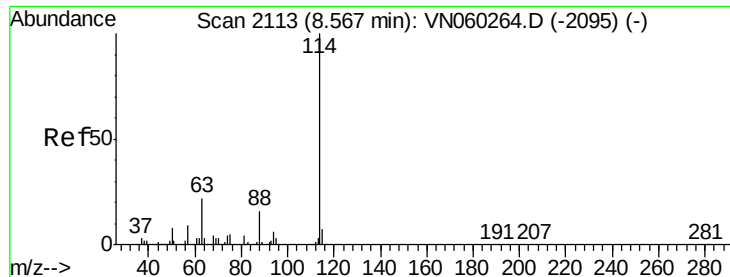
#33
1,2-Dichloroethane-d4
Concen: 49.738 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060293.D
Acq: 28 Feb 2020 18:28

Tgt Ion: 65 Resp: 127153
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

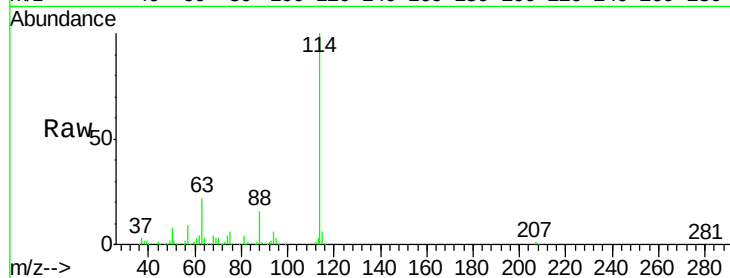




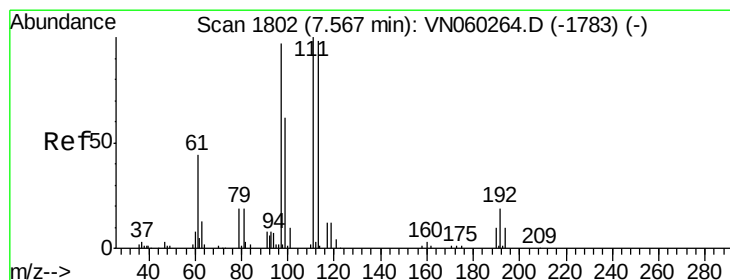
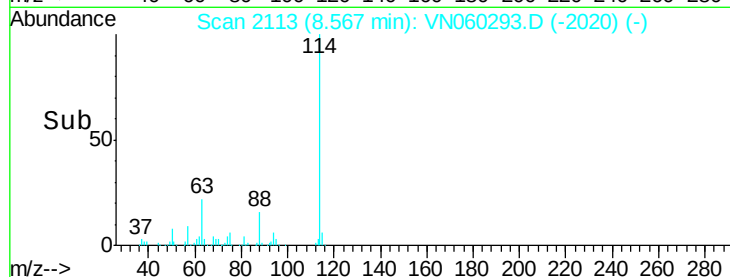
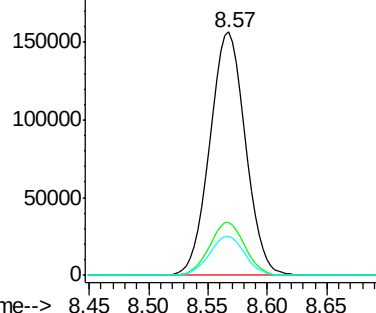
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060293.D
Acq: 28 Feb 2020 18:28

Instrument :
MSVOA_N
ClientSampleId :
06

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.1	0.0	31.6

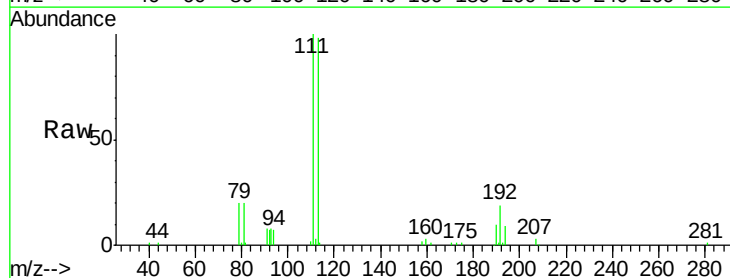


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

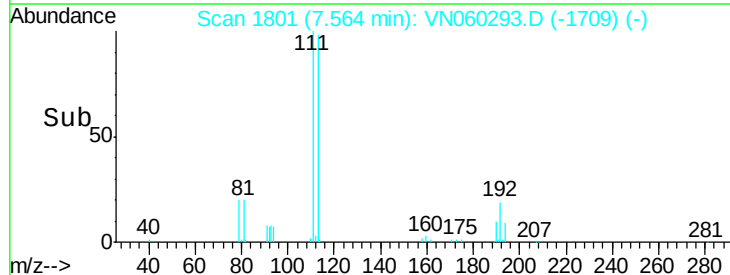
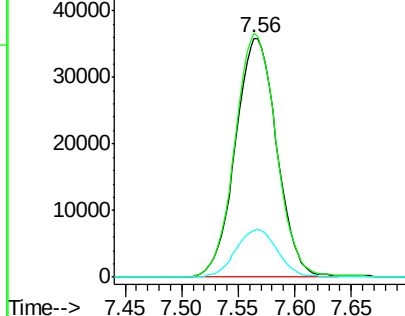


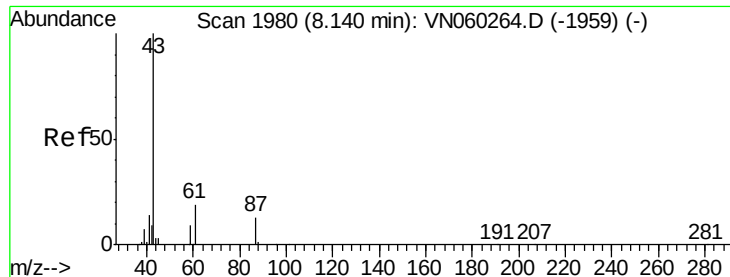
#35
Dibromofluoromethane
Concen: 60.537 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060293.D
Acq: 28 Feb 2020 18:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.4	123.6
192	20.1	16.2	24.2



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: 11.047 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060293.D

Acq: 28 Feb 2020 18:28

Instrument :

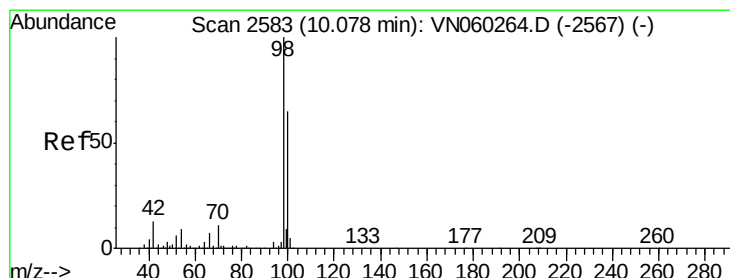
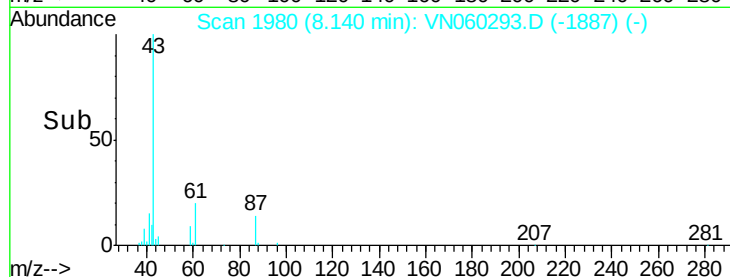
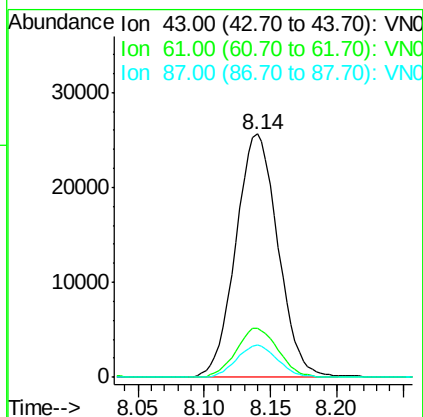
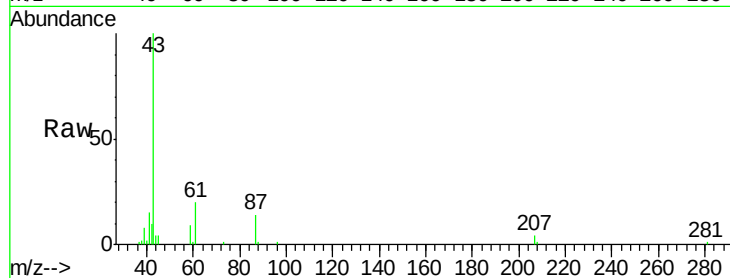
MSVOA_N

ClientSampleId :

06

Tot Ion: 43 Resp: 56712

Ion	Ratio	Lower	Upper
43	100		
61	20.0	20.9	31.3#
87	12.8	10.6	16.0



#50

Toluene-d8

Concen: 52.543 ug/l

RT: 10.08 min Scan# 2583

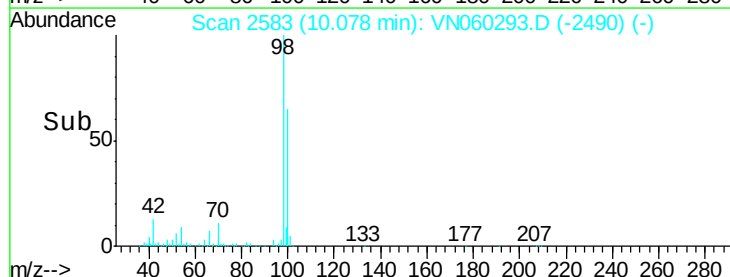
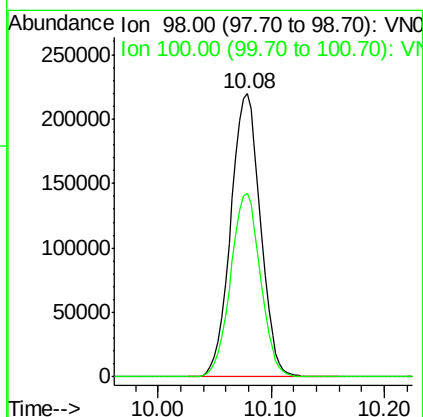
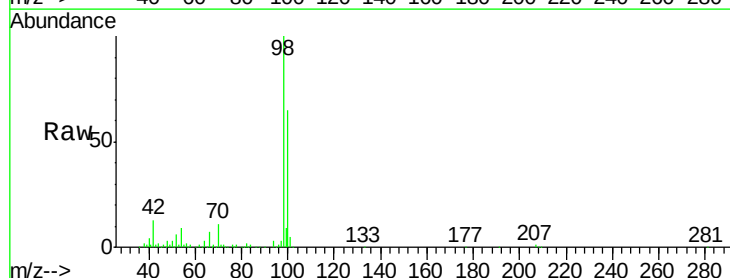
Delta R.T. 0.00 min

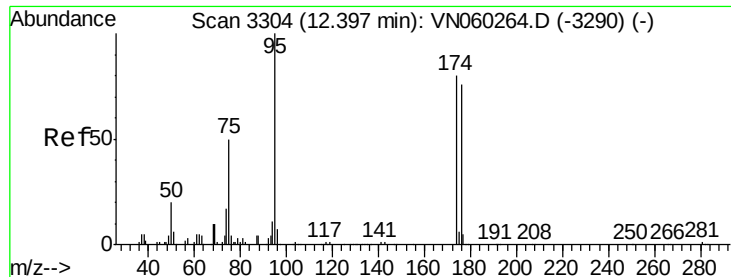
Lab File: VN060293.D

Acq: 28 Feb 2020 18:28

Tgt Ion: 98 Resp: 401104

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 51.495 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060293.D

Acq: 28 Feb 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

06

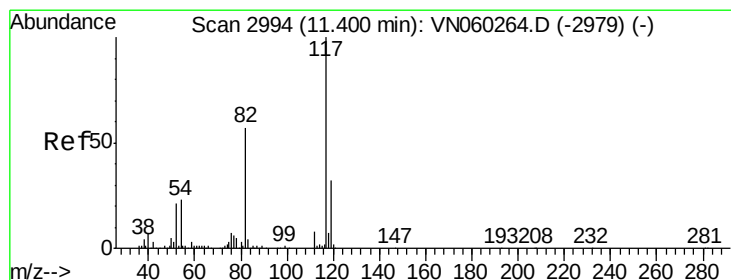
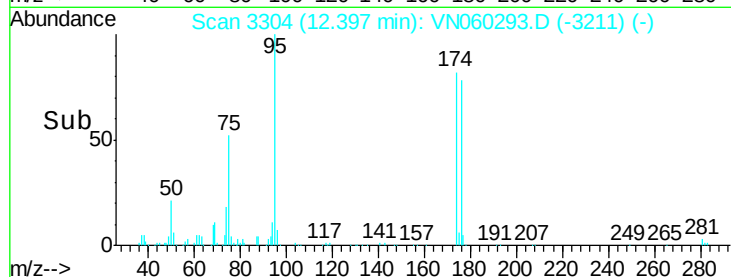
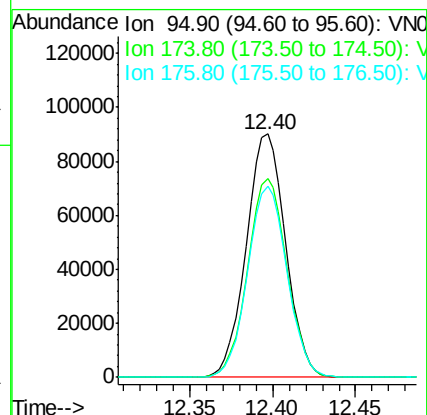
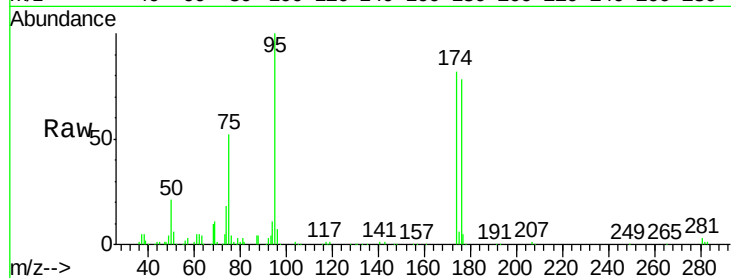
Tot Ion: 95 Resp: 149017

Ion Ratio Lower Upper

95 100

174 81.5 0.0 159.2

176 78.6 0.0 153.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060293.D

Acq: 28 Feb 2020 18:28

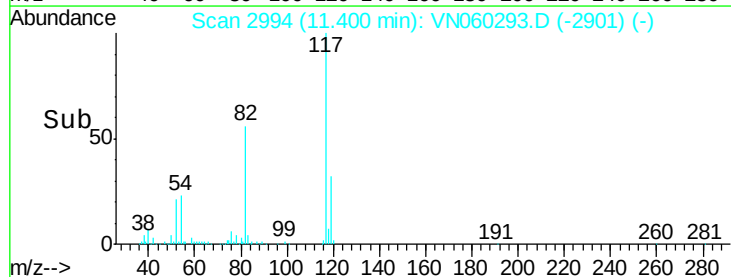
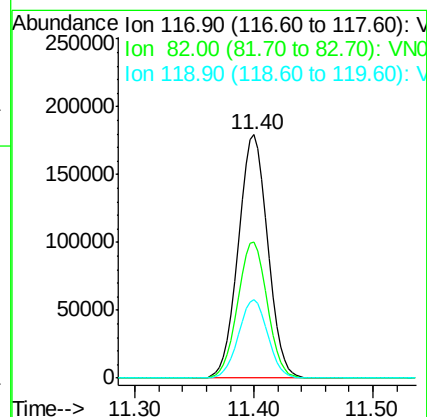
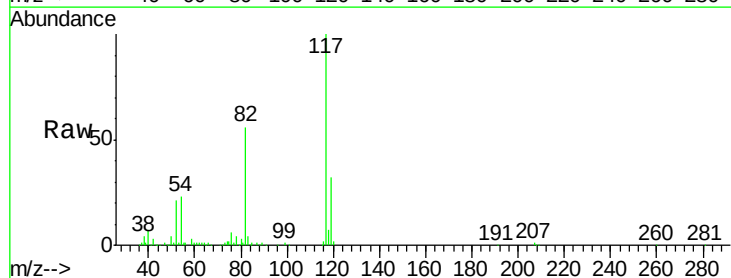
Tgt Ion: 117 Resp: 307697

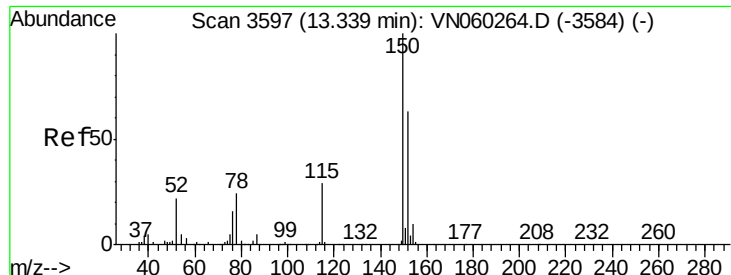
Ion Ratio Lower Upper

117 100

82 56.1 45.8 68.6

119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060293.D

Acq: 28 Feb 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

06

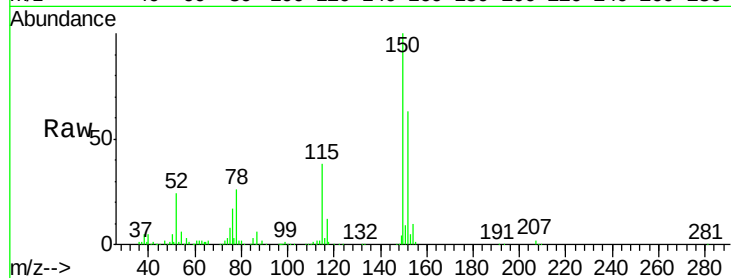
Tot Ion:152 Resp: 145348

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 156.4 0.0 349.6



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

