

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060352.D
 Acq On : 4 Mar 2020 16:35
 Operator : JC/MD
 Sample : L1775-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CR-1

Quant Time: Mar 05 06:47:38 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

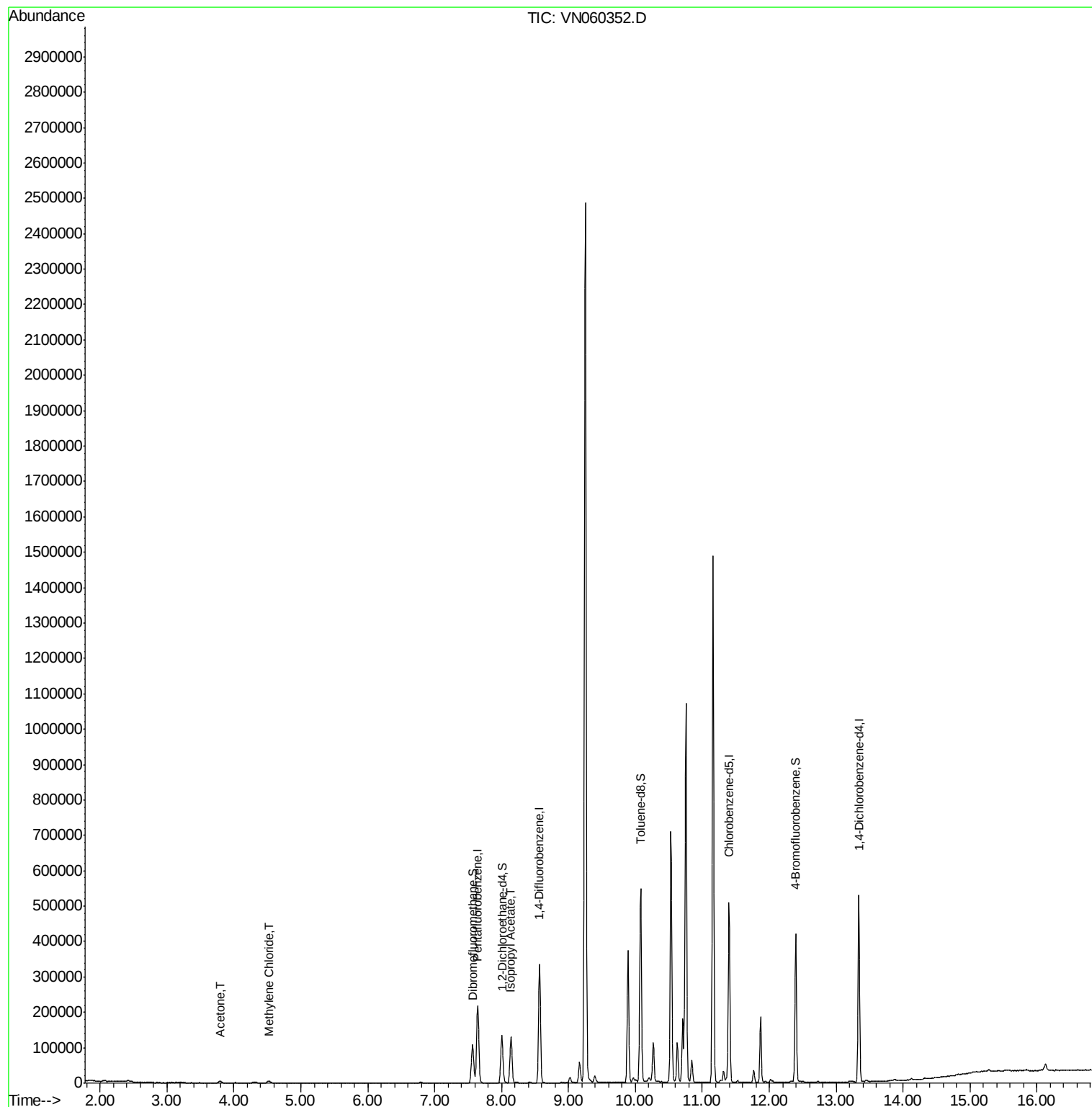
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	295994	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117261	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	7.57	113	82944	60.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.74%	
50) Toluene-d8	10.08	98	369683	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.40	95	141529	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
Target Compounds						
16) Acetone	3.79	43	8763	11.649	ug/l	99
20) Methylene Chloride	4.52	84	4226	2.046	ug/l	90
43) Isopropyl Acetate	8.14	43	153910	32.913	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# 1826

Delta R.T. 0.00 min

Lab File: VN060352.D

Acq: 4 Mar 2020 16:35

Instrument :

MSVOA_N

ClientSampled :

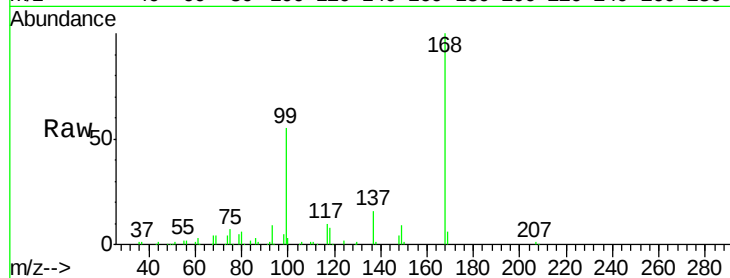
CR-1

Tot Ion:168 Resp: 181556

Ion Ratio Lower Upper

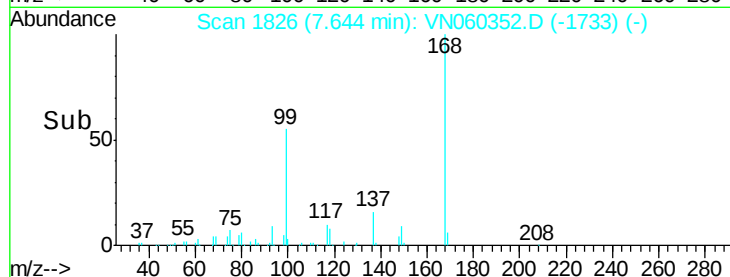
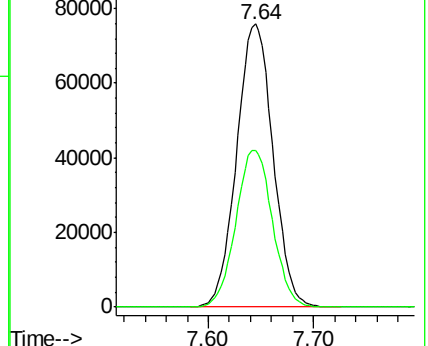
168 100

99 55.5 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 11.649 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060352.D

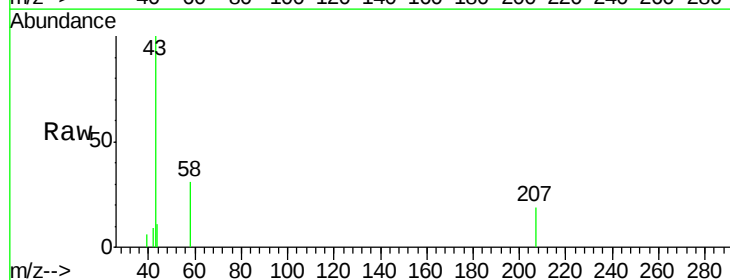
Acq: 4 Mar 2020 16:35

Tgt Ion: 43 Resp: 8763

Ion Ratio Lower Upper

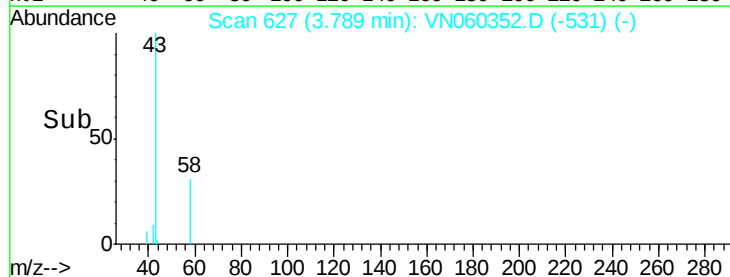
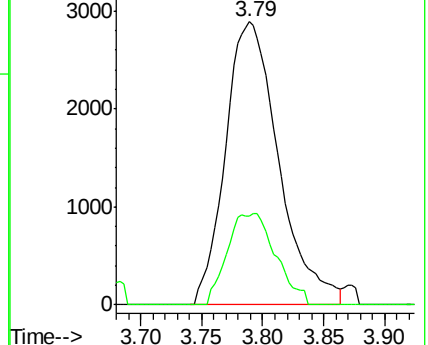
43 100

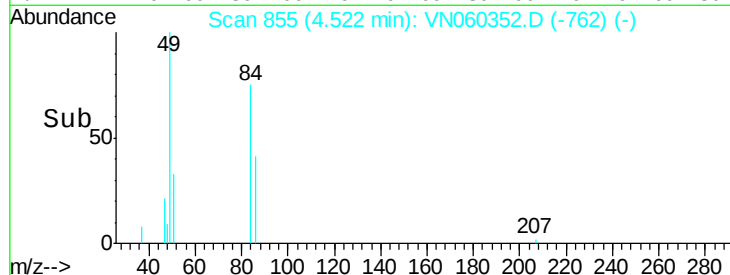
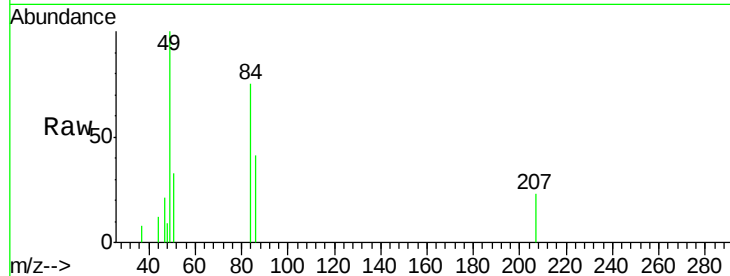
58 31.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

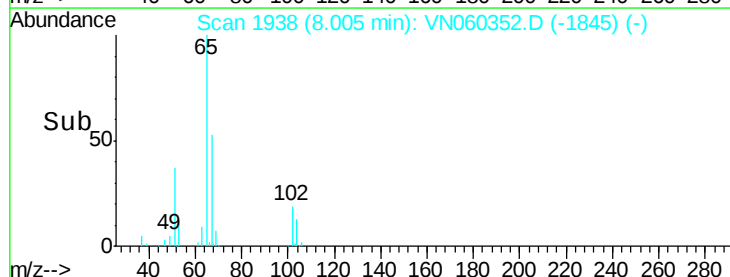
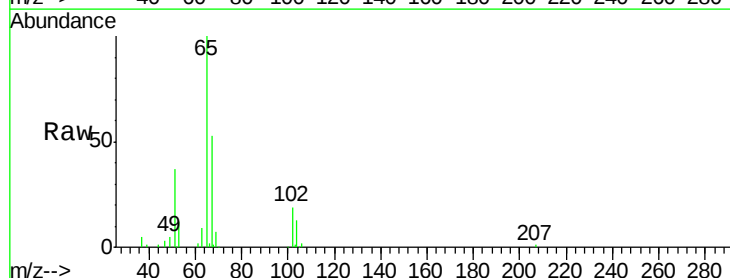
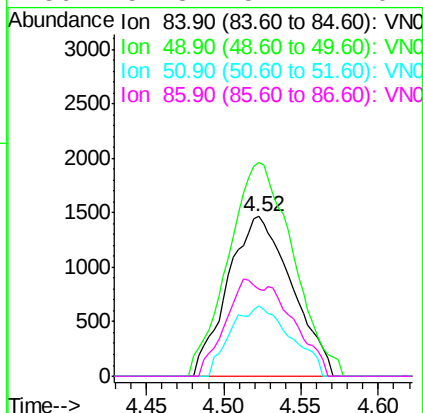




#20
Methvlene Chloride
Concen: 2.046 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060352.D
Acq: 4 Mar 2020 16:35

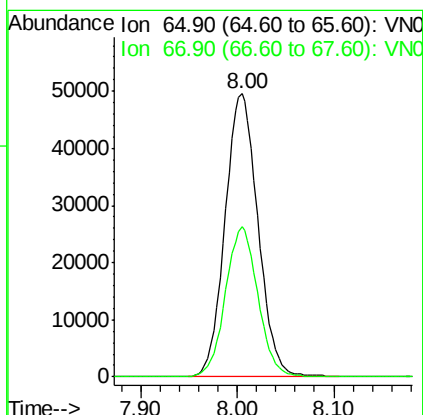
Instrument :
MSVOA_N
ClientSampleId :
CR-1

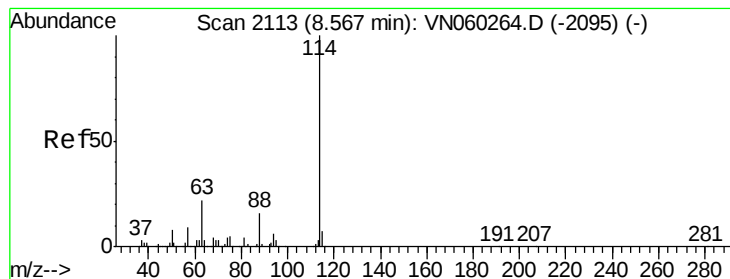
Tot Ion:	84	Resp:	4226
Ion	Ratio	Lower	Upper
84	100		
49	133.7	99.3	148.9
51	43.7	30.1	45.1
86	54.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.340 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060352.D
Acq: 4 Mar 2020 16:35

Tgt Ion:	65	Resp:	117261
Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060352.D

Acq: 4 Mar 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

CR-1

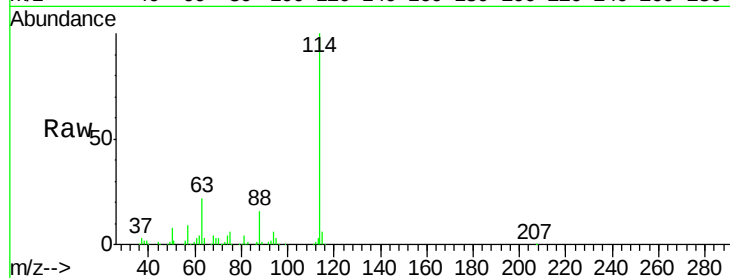
Tot Ion:114 Resp: 295994

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

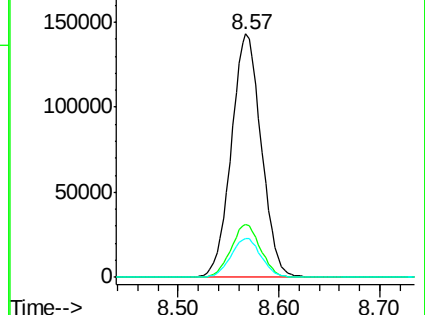
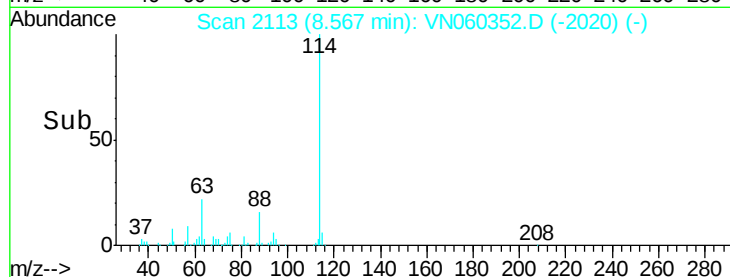
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 60.371 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060352.D

Acq: 4 Mar 2020 16:35

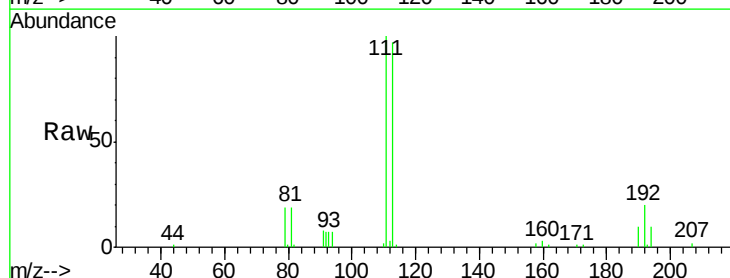
Tgt Ion:113 Resp: 82944

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

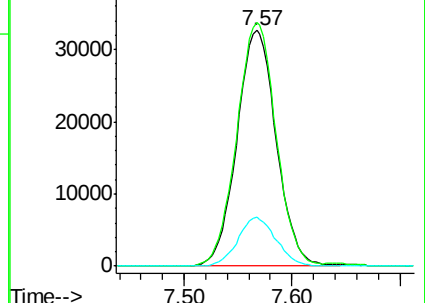
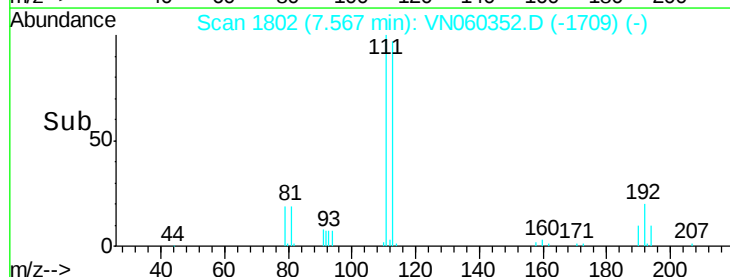
192 19.9 16.2 24.2



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: 32.913 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060352.D

Acq: 4 Mar 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

CR-1

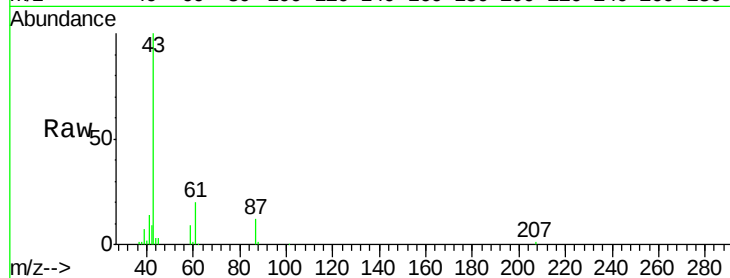
Tot Ion: 43 Resp: 153910

Ion Ratio Lower Upper

43 100

61 19.7 20.9 31.3#

87 12.5 10.6 16.0



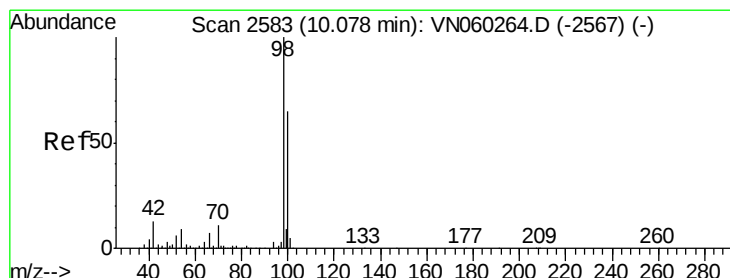
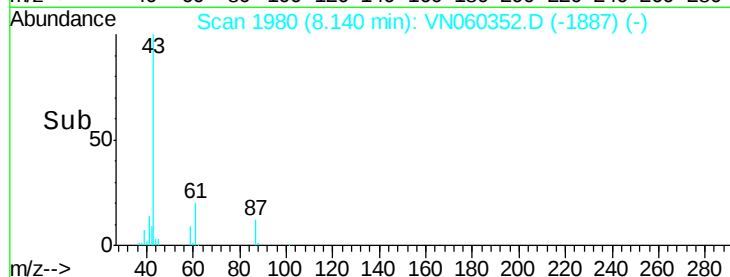
Abundance Ion 43.00 (42.70 to 43.70): VN060352.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060352.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060352.D (-1887) (-)

8.14

Time-->



#50

Toluene-d8

Concen: 53.165 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060352.D

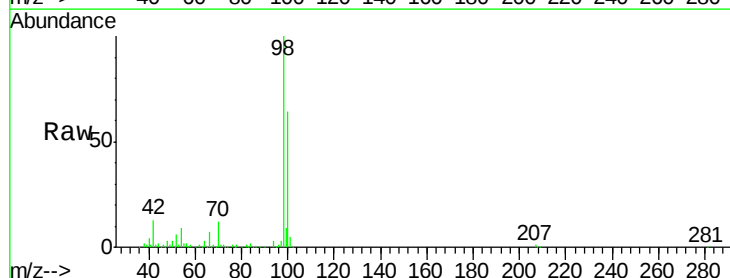
Acq: 4 Mar 2020 16:35

Tgt Ion: 98 Resp: 369683

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

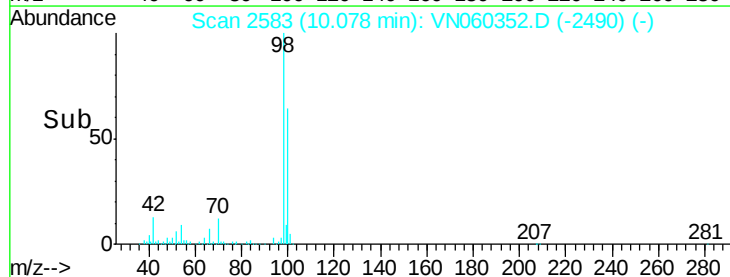


Abundance Ion 98.00 (97.70 to 98.70): VN060352.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060352.D (-2490) (-)

10.08

Time-->

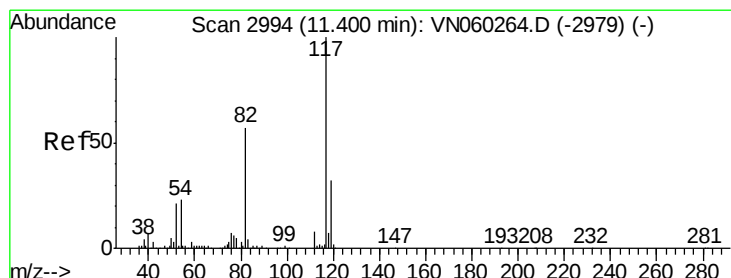
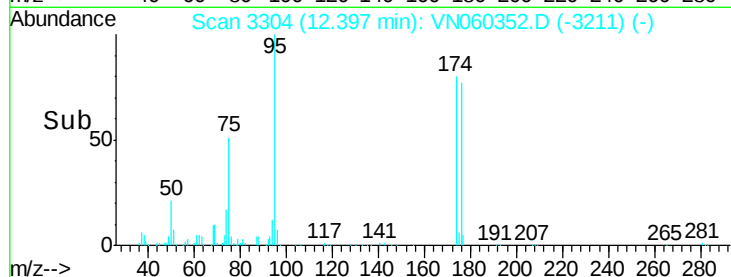
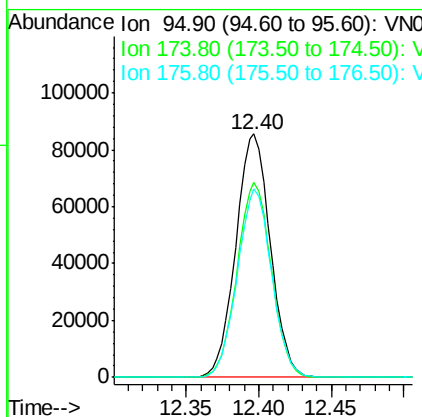
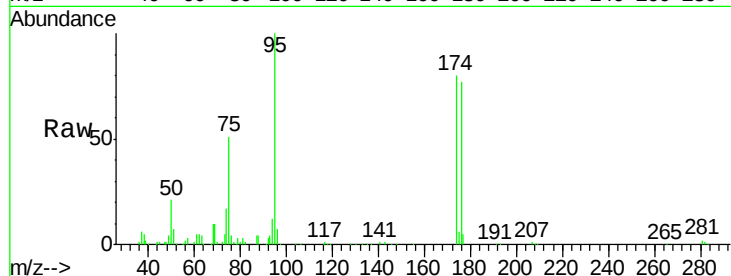




#62
4-Bromofluorobenzene
Concen: 53.693 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060352.D
Acq: 4 Mar 2020 16:35

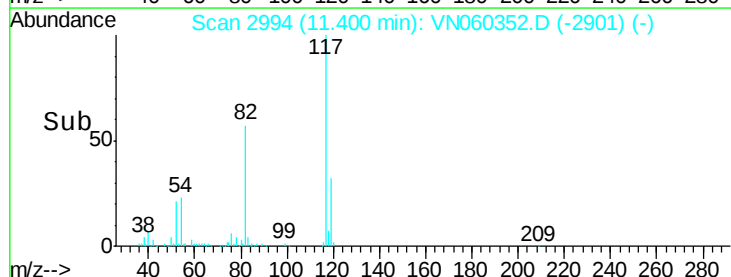
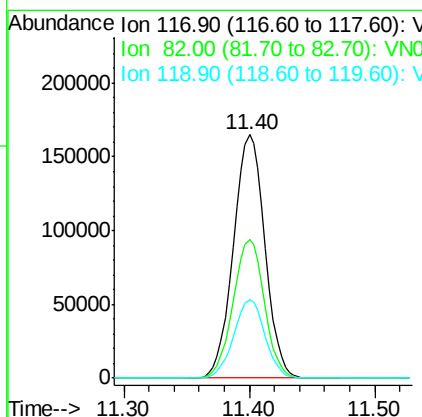
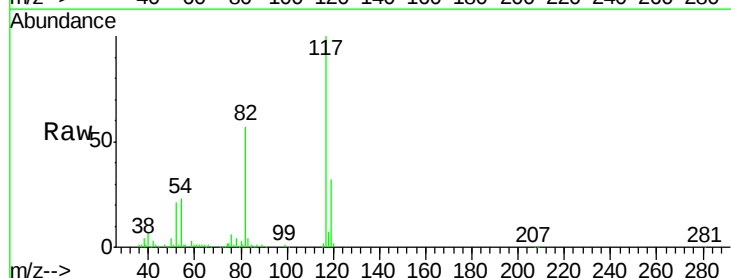
Instrument :
MSVOA_N
ClientSampled :
CR-1

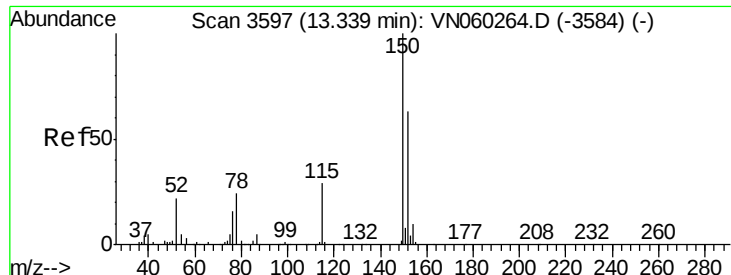
Tot Ion: 95 Resp: 141529
Ion Ratio Lower Upper
95 100
174 79.8 0.0 159.2
176 77.0 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060352.D
Acq: 4 Mar 2020 16:35

Tgt Ion: 117 Resp: 287411
Ion Ratio Lower Upper
117 100
82 57.1 45.8 68.6
119 32.0 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: VN060352.D

Acq: 4 Mar 2020 16:35

Instrument :

MSVOA_N

ClientSampleId :

CR-1

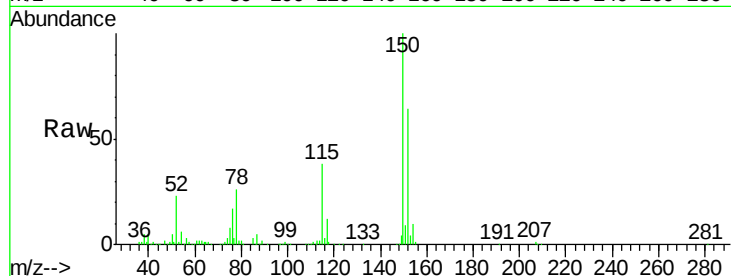
Tot Ion:152 Resp: 139546

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 157.5 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

