

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060354.D
 Acq On : 4 Mar 2020 17:20
 Operator : JC/MD
 Sample : L1775-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CR-3

Quant Time: Mar 05 06:51:28 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

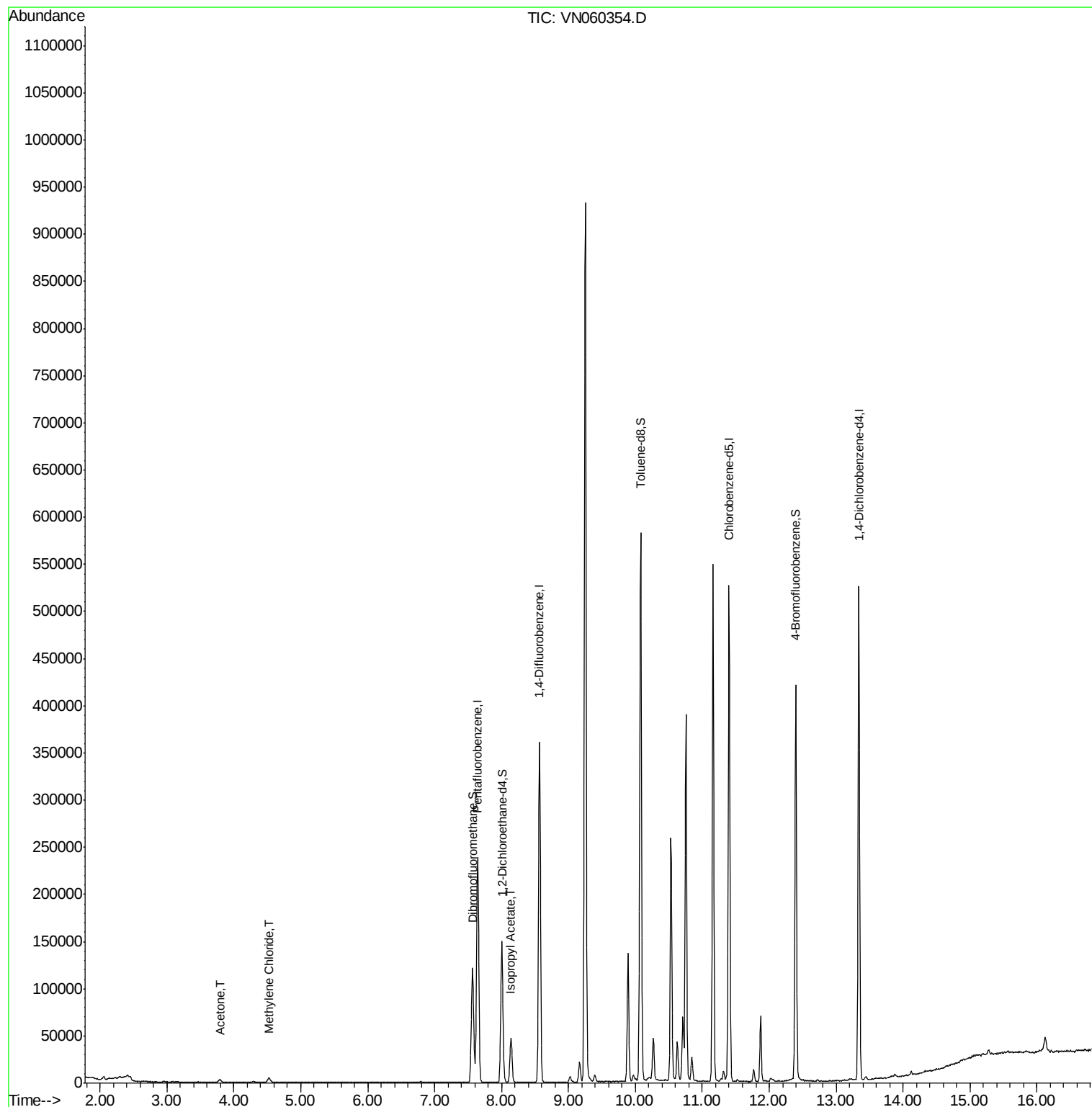
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318372	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	297812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	134961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127593	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	7.57	113	92982	62.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.84%	
50) Toluene-d8	10.08	98	392216	52.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.88%	
62) 4-Bromofluorobenzene	12.40	95	143907	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
Target Compounds						
16) Acetone	3.79	43	5538	6.826	ug/l	100
20) Methylene Chloride	4.52	84	3799	1.705	ug/l	94
43) Isopropyl Acetate	8.14	43	57693	11.470	ug/l #	90

(#) = 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: VN060354.D

Acq: 4 Mar 2020 17:20

Instrument :

MSVOA_N

ClientSampled :

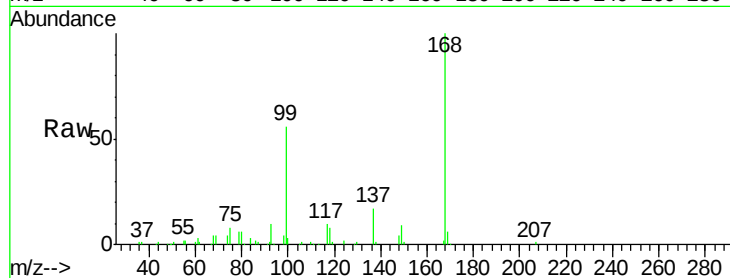
CR-3

Tot Ion:168 Resp: 195806

Ion Ratio Lower Upper

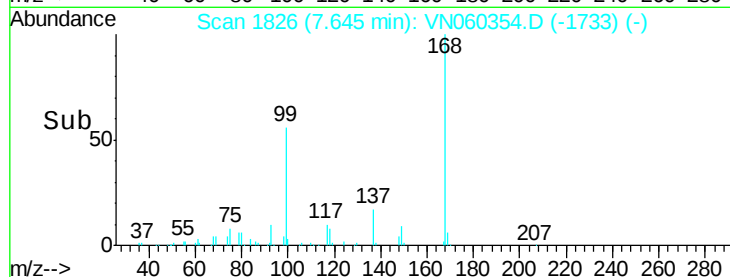
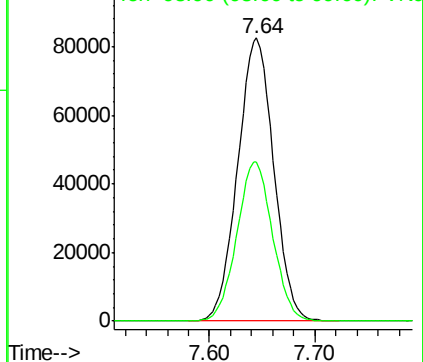
168 100

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): VN0



#16

Acetone

Concen: 6.826 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060354.D

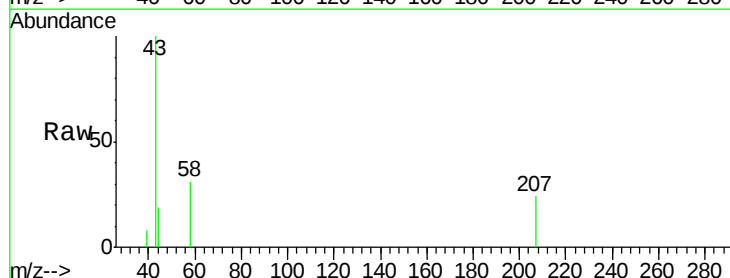
Acq: 4 Mar 2020 17:20

Tgt Ion: 43 Resp: 5538

Ion Ratio Lower Upper

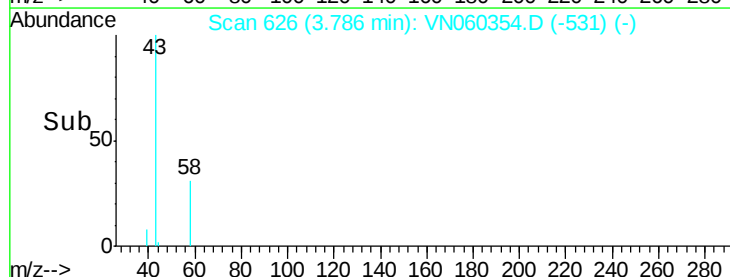
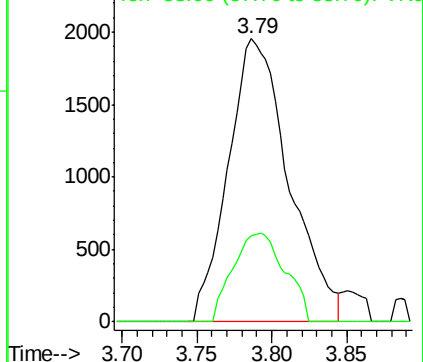
43 100

58 30.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

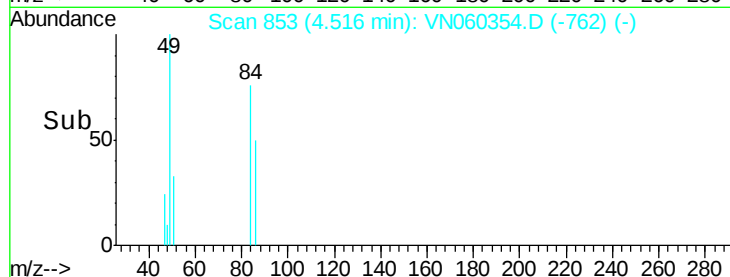
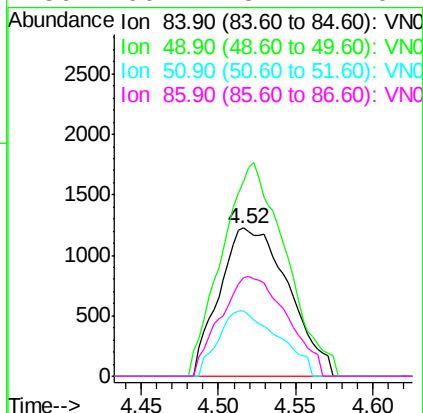
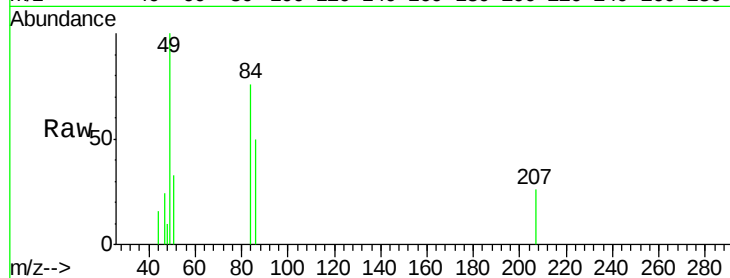




#20
Methvlene Chloride
Concen: 1.705 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060354.D
Acq: 4 Mar 2020 17:20

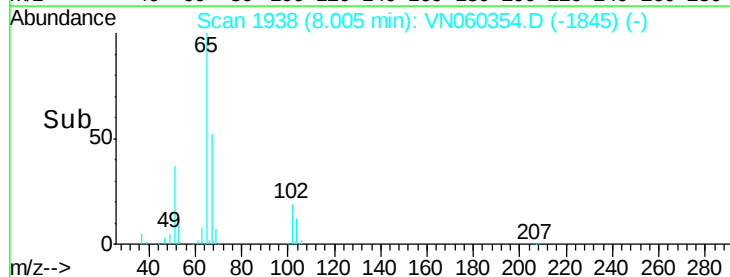
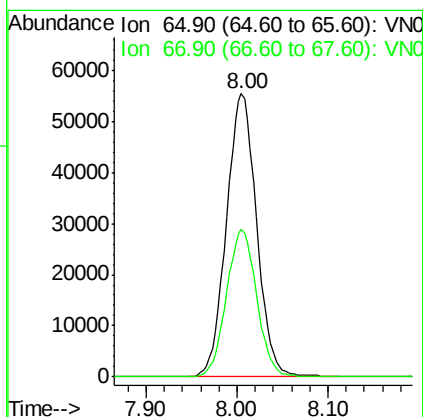
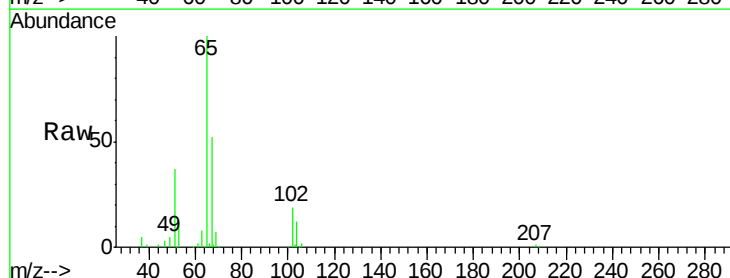
Instrument :
MSVOA_N
ClientSampled :
CR-3

Tot Ion:	84	Resp:	3799
Ion	Ratio	Lower	Upper
84	100		
49	131.6	99.3	148.9
51	44.0	30.1	45.1
86	66.2	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.789 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060354.D
Acq: 4 Mar 2020 17:20

Tgt Ion:	65	Resp:	127593
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: VN060354.D

Acq: 4 Mar 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

CR-3

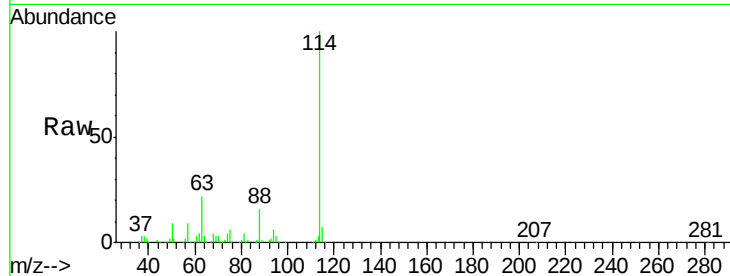
Tot Ion:114 Resp: 318372

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.2

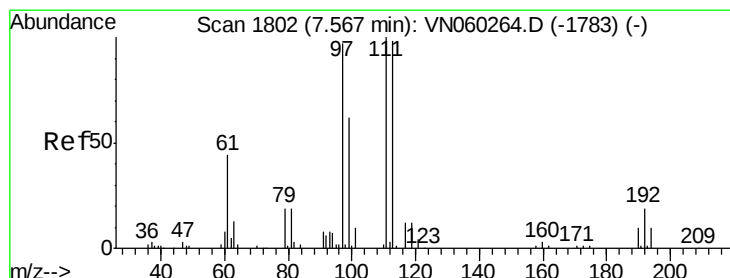
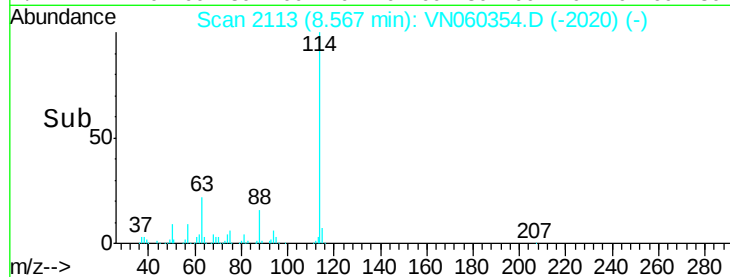
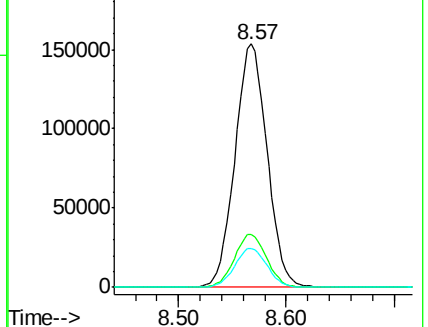
88 16.1 0.0 31.6



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: 62.920 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060354.D

Acq: 4 Mar 2020 17:20

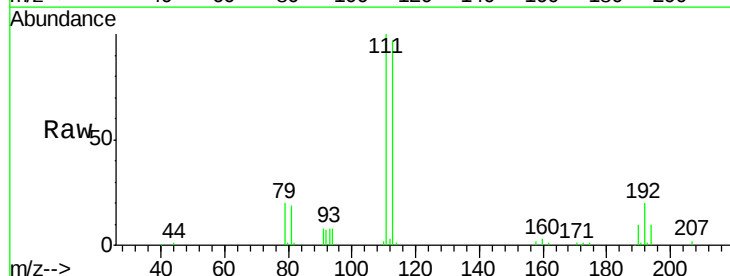
Tgt Ion:113 Resp: 92982

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

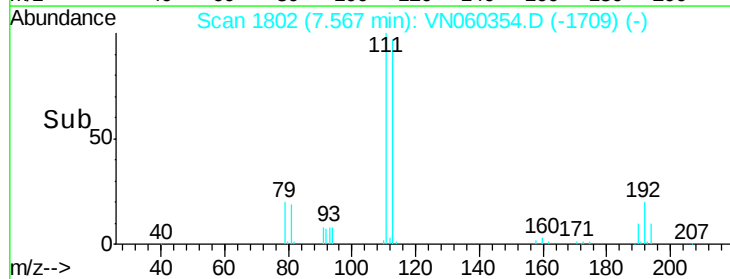
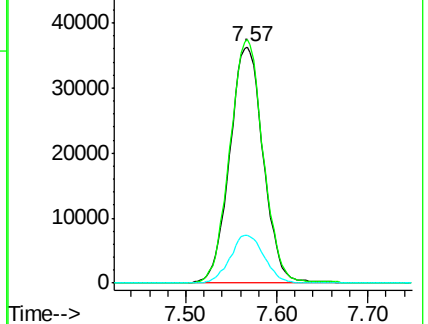
192 20.5 16.2 24.2



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: 11.470 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060354.D

Acq: 4 Mar 2020 17:20

Instrument :

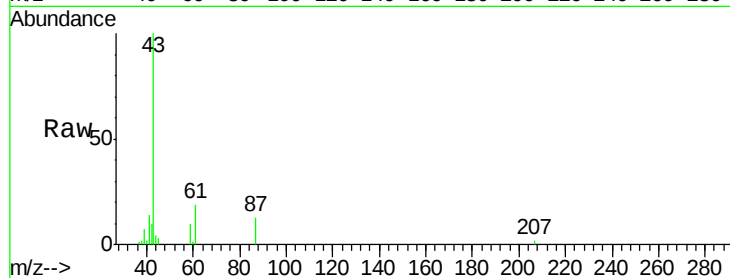
MSVOA_N

ClientSampleId :

CR-3

Tot Ion: 43 Resp: 57693

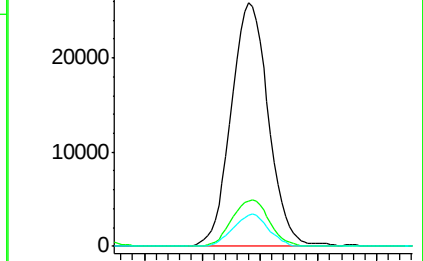
Ion	Ratio	Lower	Upper
43	100		
61	19.1	20.9	31.3#
87	12.5	10.6	16.0



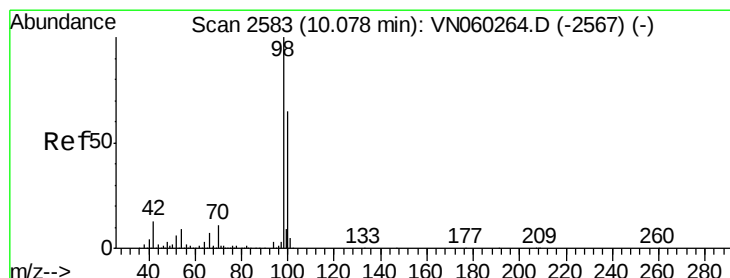
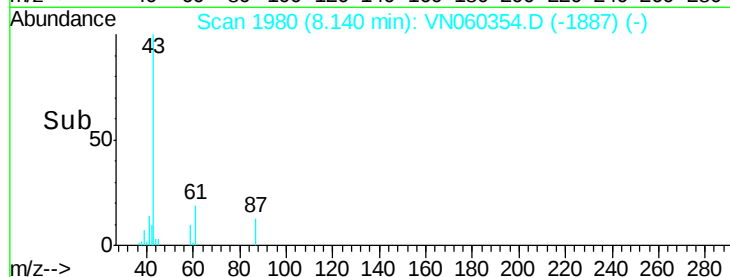
Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



Time-->



#50

Toluene-d8

Concen: 52.441 ug/l

RT: 10.08 min Scan# 2583

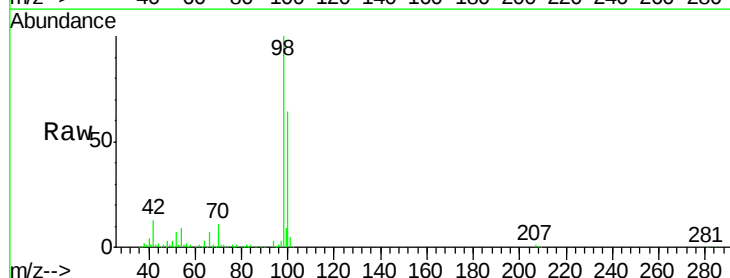
Delta R.T. 0.00 min

Lab File: VN060354.D

Acq: 4 Mar 2020 17:20

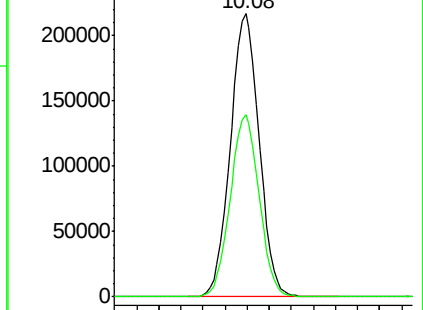
Tgt Ion: 98 Resp: 392216

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2

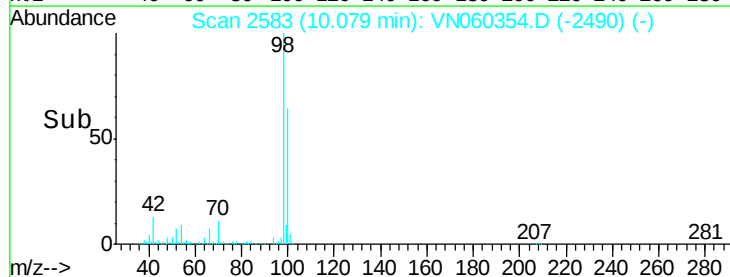


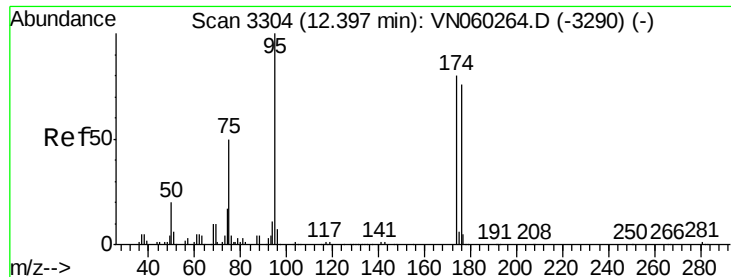
Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 50.757 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060354.D

Acq: 4 Mar 2020 17:20

Instrument :

MSVOA_N

ClientSampled :

CR-3

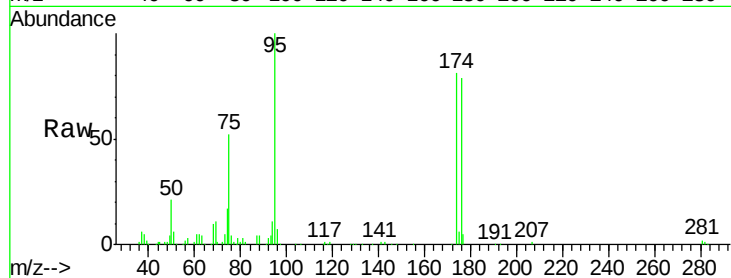
Tot Ion: 95 Resp: 143907

Ion Ratio Lower Upper

95 100

174 79.5 0.0 159.2

176 77.2 0.0 153.8

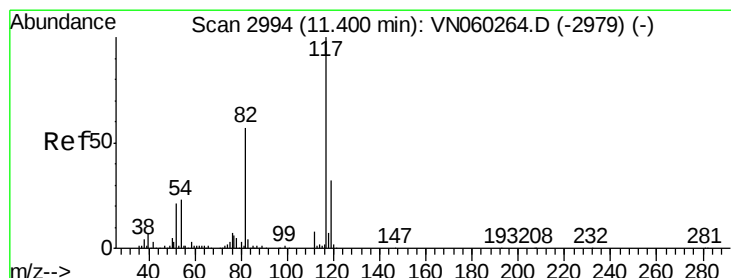
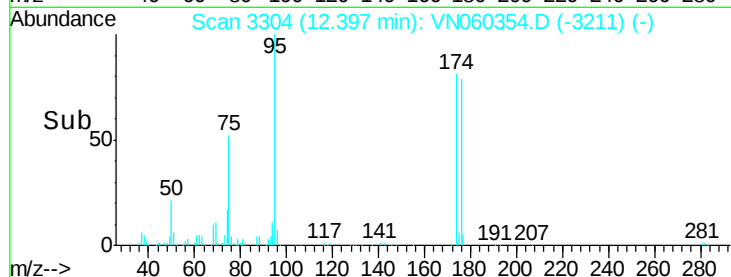
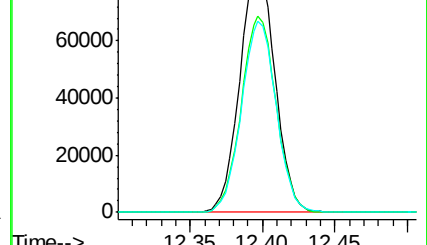


Abundance Ion 94.90 (94.60 to 95.60): VN060264.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060264.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060264.D (-3290) (-)

12.40



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060354.D

Acq: 4 Mar 2020 17:20

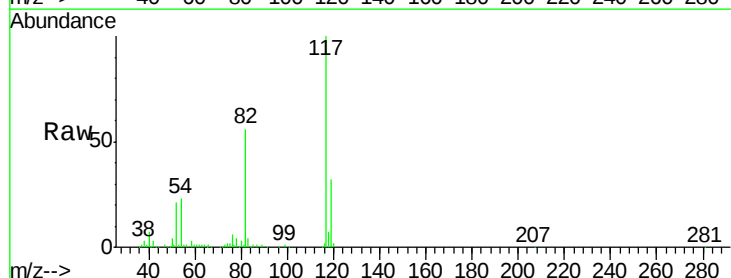
Tgt Ion: 117 Resp: 297812

Ion Ratio Lower Upper

117 100

82 56.4 45.8 68.6

119 32.0 25.8 38.8

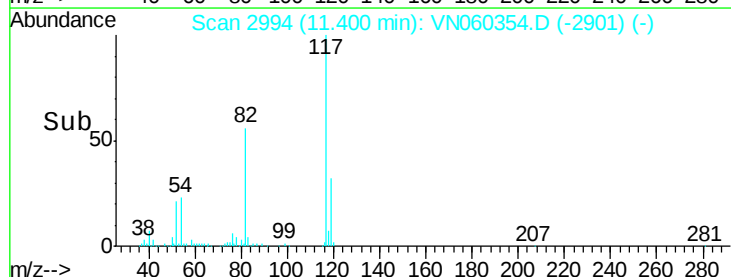
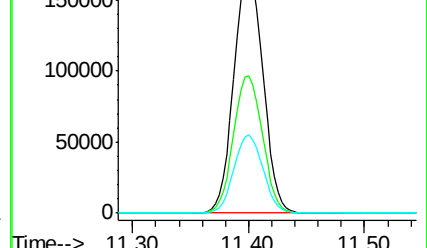


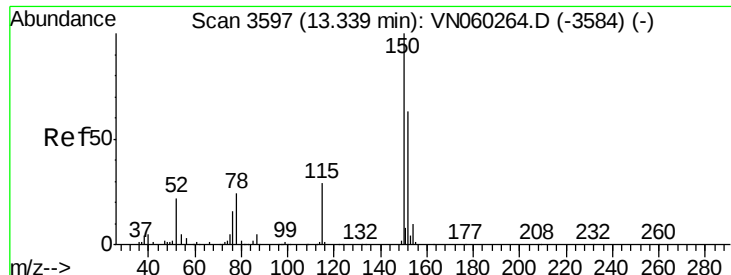
Abundance Ion 116.90 (116.60 to 117.60): VN060264.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060264.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060264.D (-2979) (-)

11.40





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060354.D

Acq: 4 Mar 2020 17:20

Instrument :

MSVOA_N

ClientSampleId :

CR-3

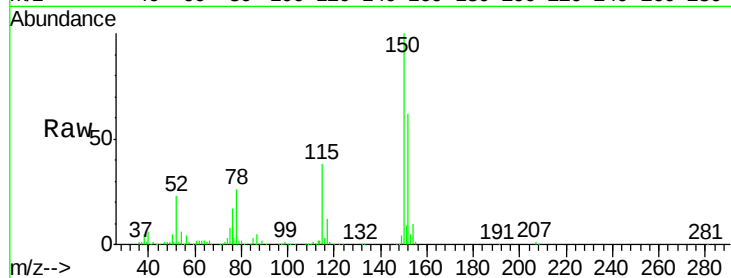
Tot Ion:152 Resp: 134961

Ion Ratio Lower Upper

152 100

115 60.8 30.0 90.0

150 159.5 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

