

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060351.D
 Acq On : 4 Mar 2020 16:12
 Operator : JC/MD
 Sample : L1759-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-030320

Quant Time: Mar 05 06:46:12 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

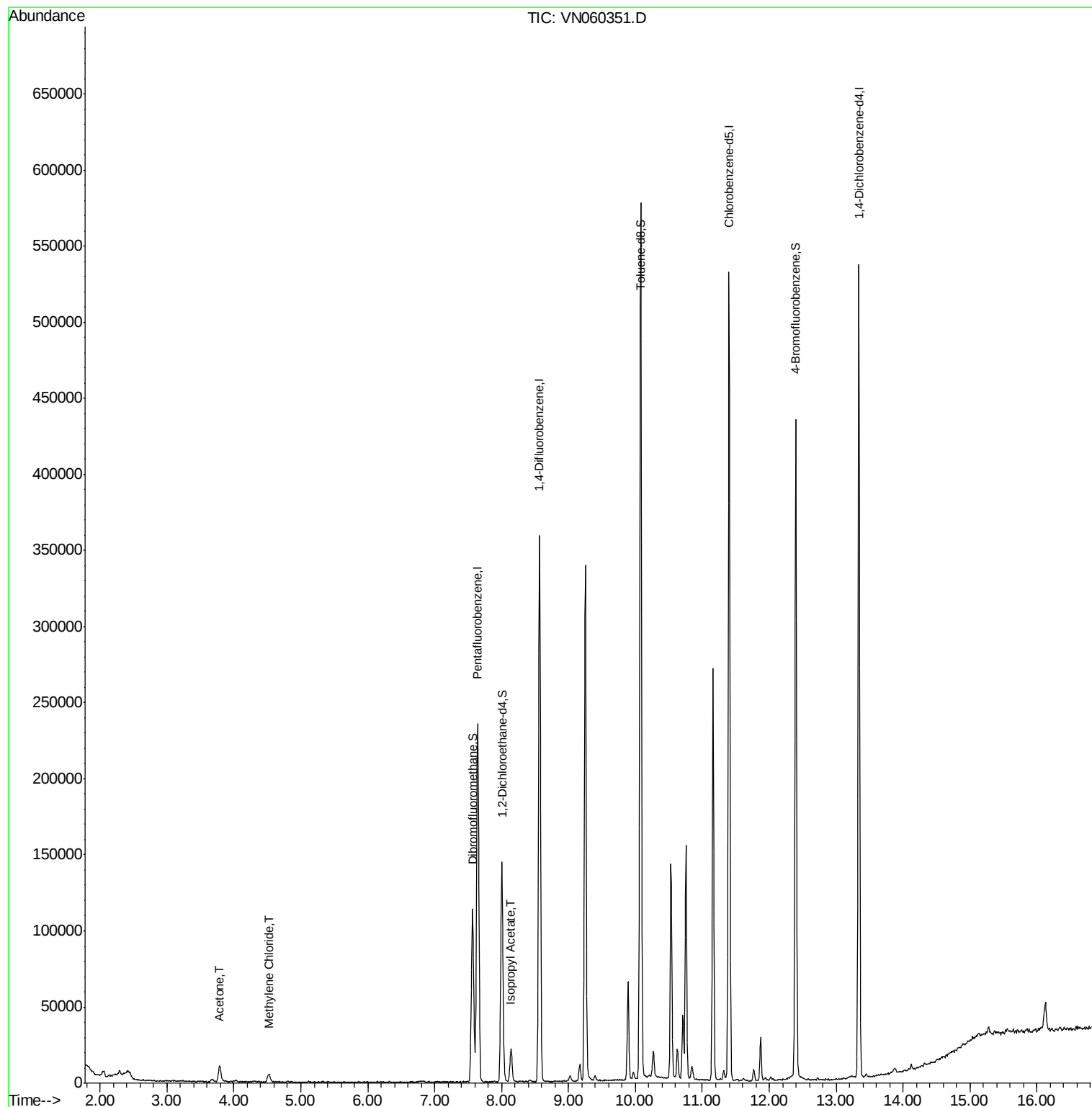
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125239	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
35) Dibromofluoromethane	7.57	113	86108	59.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.02%	
50) Toluene-d8	10.08	98	387917	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	146111	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
Target Compounds						
16) Acetone	3.78	43	18809	23.542	ug/l	99
20) Methylene Chloride	4.52	84	4134	1.884	ug/l	98
43) Isopropyl Acetate	8.14	43	26129	5.261	ug/l #	90

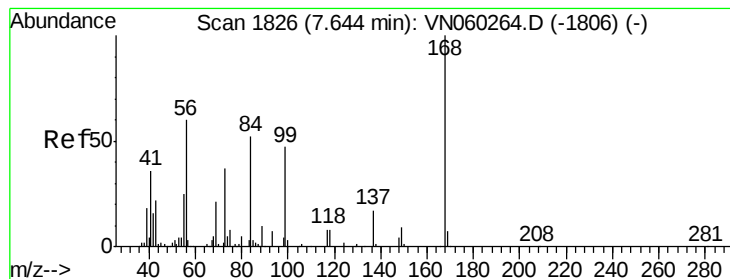
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060351.D

Acq: 4 Mar 2020 16:12

Instrument :

MSVOA_N

ClientSampleId :

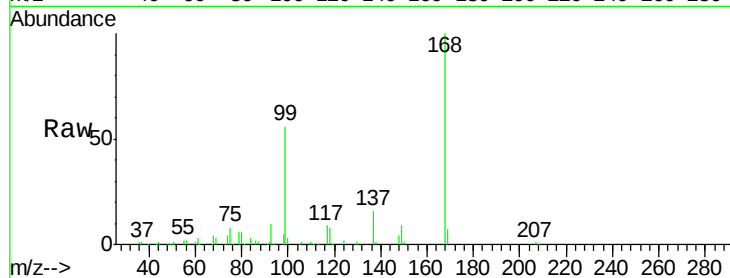
OR-02-030320

Tot Ion:168 Resp: 192837

Ion Ratio Lower Upper

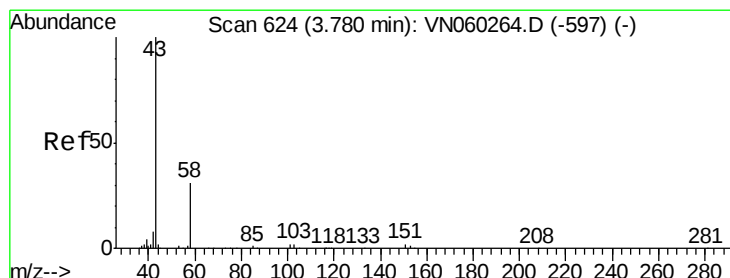
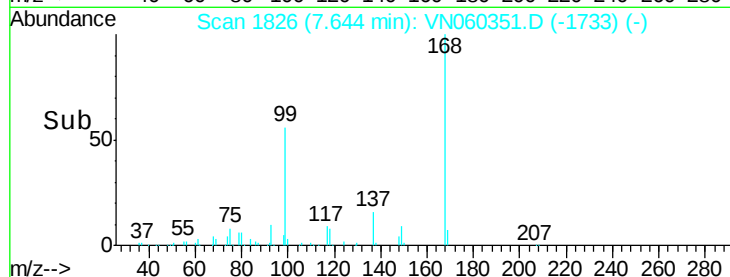
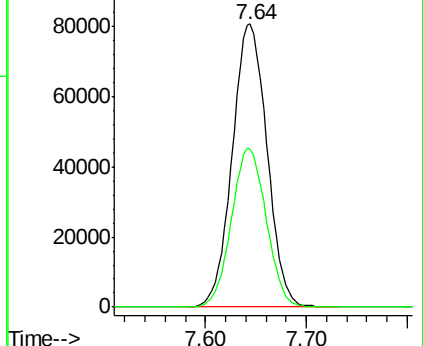
168 100

99 55.8 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: 23.542 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060351.D

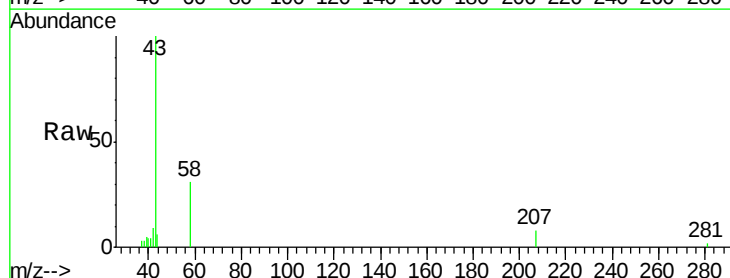
Acq: 4 Mar 2020 16:12

Tgt Ion: 43 Resp: 18809

Ion Ratio Lower Upper

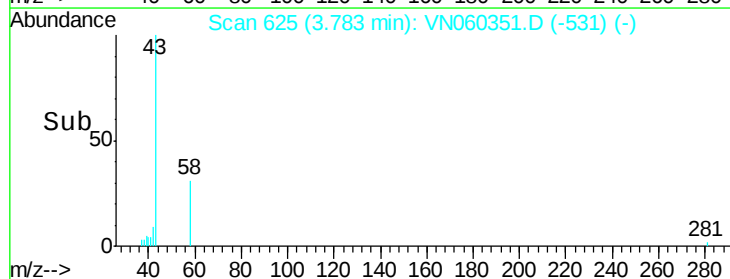
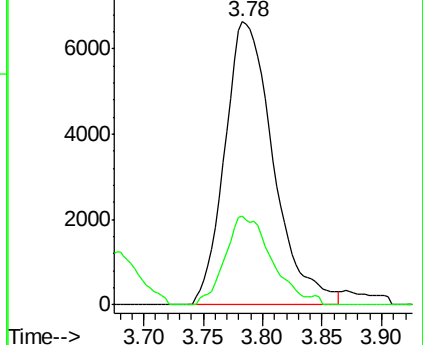
43 100

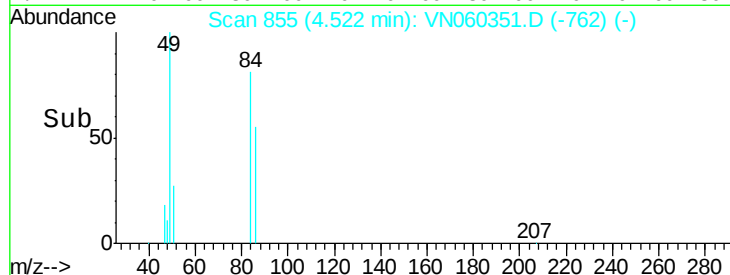
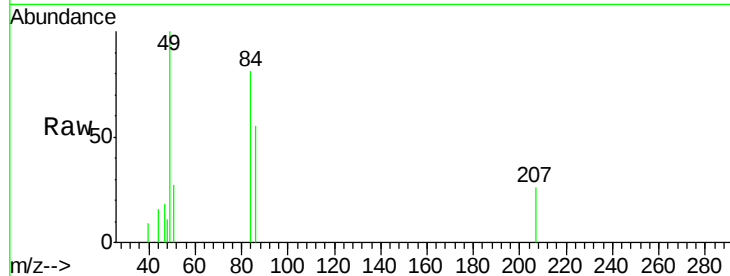
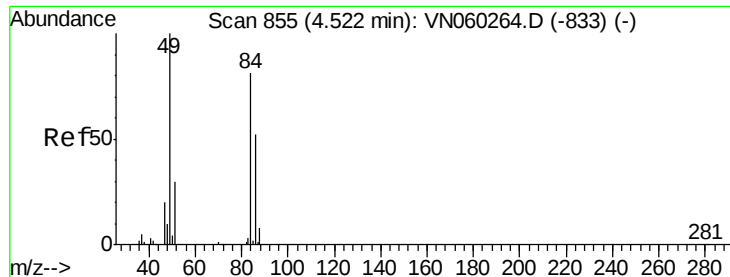
58 31.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

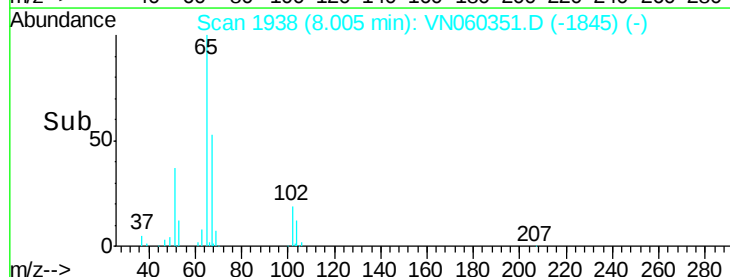
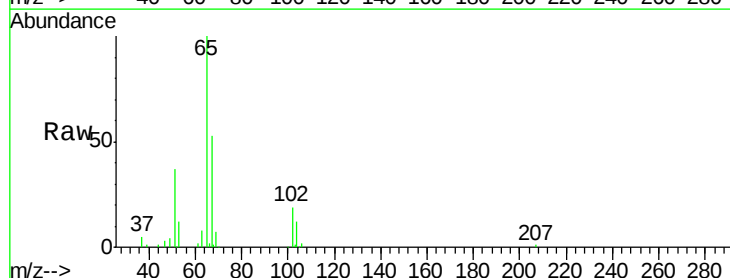
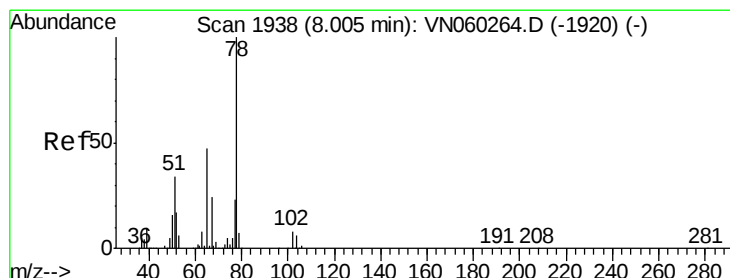
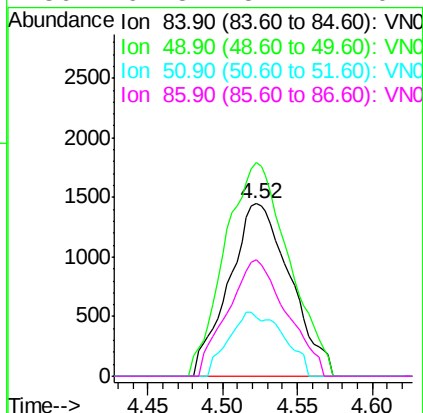




#20
Methvlene Chloride
Concen: 1.884 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060351.D
Acq: 4 Mar 2020 16:12

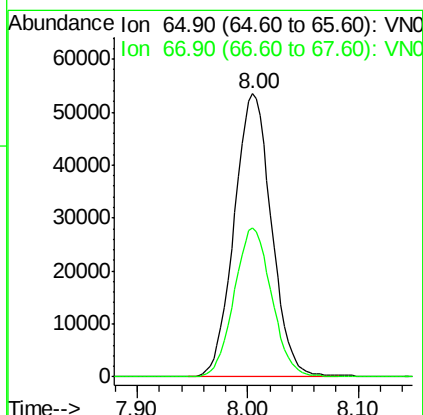
Instrument :
MSVOA_N
ClientSampled :
OR-02-030320

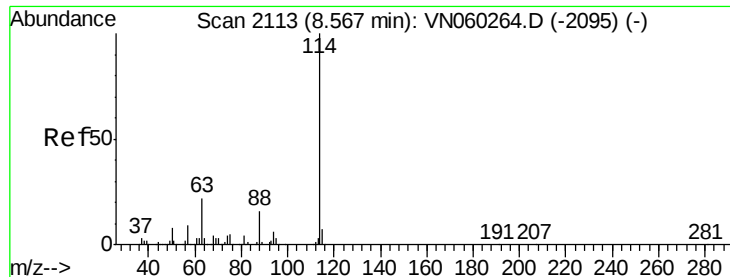
Tot Ion:	84	Resp:	4134
Ion	Ratio	Lower	Upper
84	100		
49	124.0	99.3	148.9
51	33.8	30.1	45.1
86	67.8	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.619 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060351.D
Acq: 4 Mar 2020 16:12

Tgt Ion:	65	Resp:	125239
Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VN060351.D

Acq: 4 Mar 2020 16:12

Instrument :

MSVOA_N

ClientSampleId :

OR-02-030320

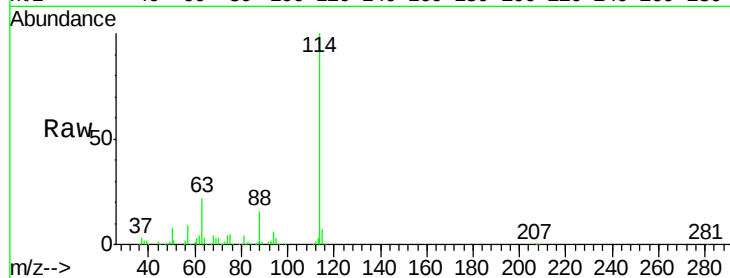
Tot Ion:114 Resp: 314363

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

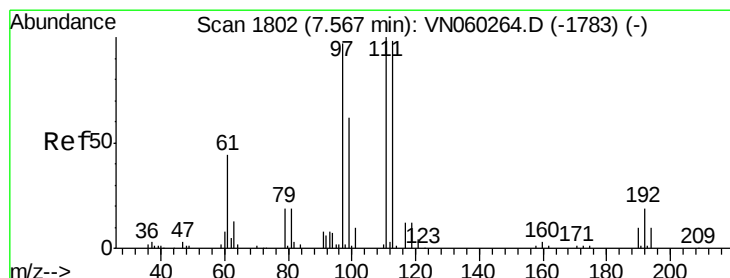
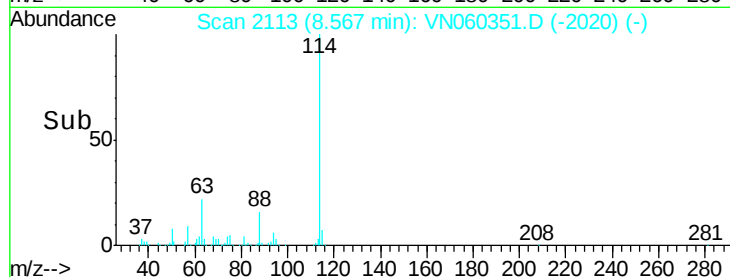
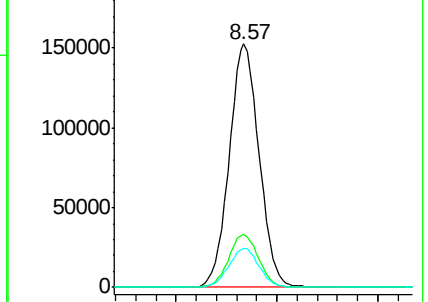
88 16.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 59.012 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060351.D

Acq: 4 Mar 2020 16:12

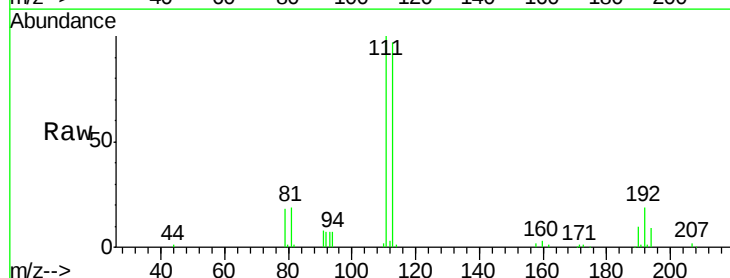
Tgt Ion:113 Resp: 86108

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

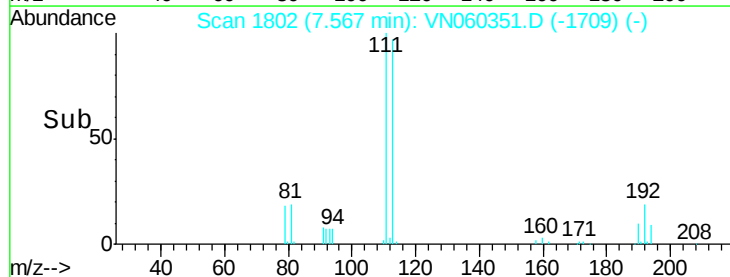
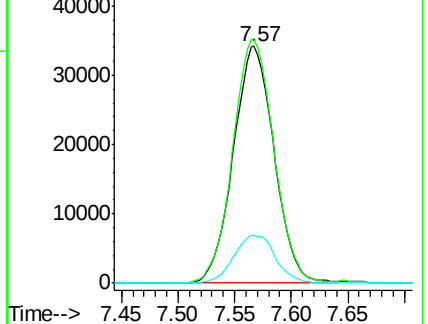
192 20.5 16.2 24.2

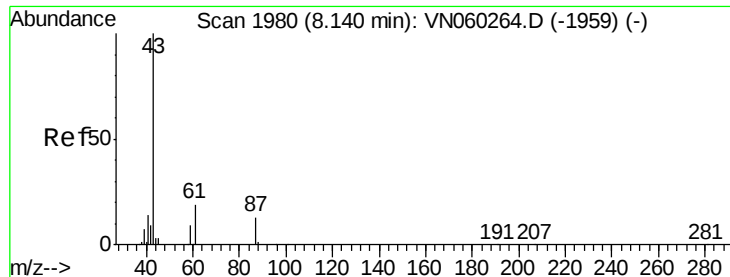


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 5.261 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060351.D

Acq: 4 Mar 2020 16:12

Instrument :

MSVOA_N

ClientSampleId :

OR-02-030320

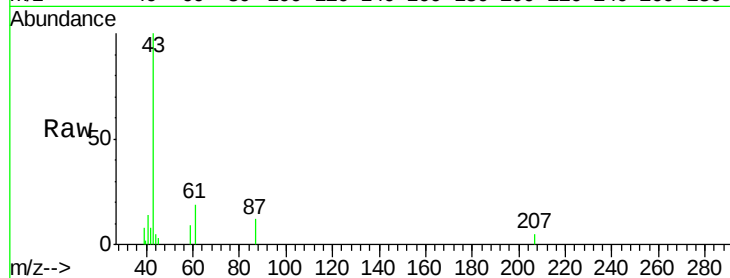
Tot Ion: 43 Resp: 26129

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

87 12.0 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-->

8.14

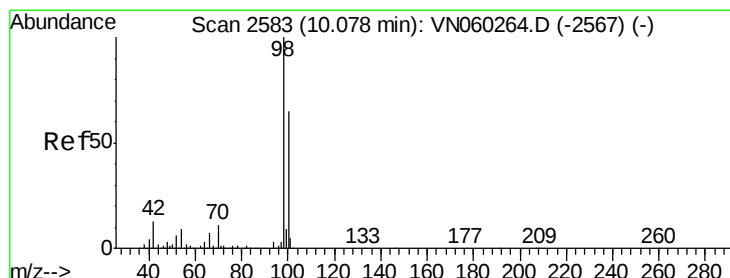
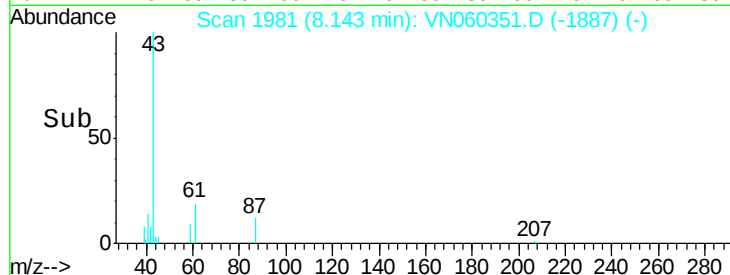
15000

10000

5000

0

8.05 8.10 8.15 8.20



#50

Toluene-d8

Concen: 52.527 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060351.D

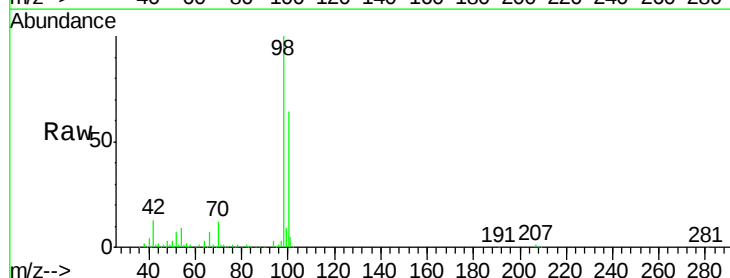
Acq: 4 Mar 2020 16:12

Tgt Ion: 98 Resp: 387917

Ion Ratio Lower Upper

98 100

100 65.0 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-->

10.08

250000

200000

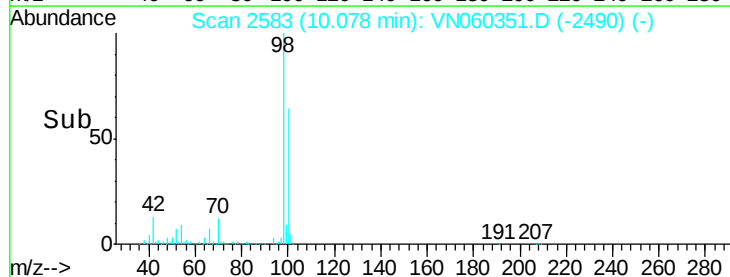
150000

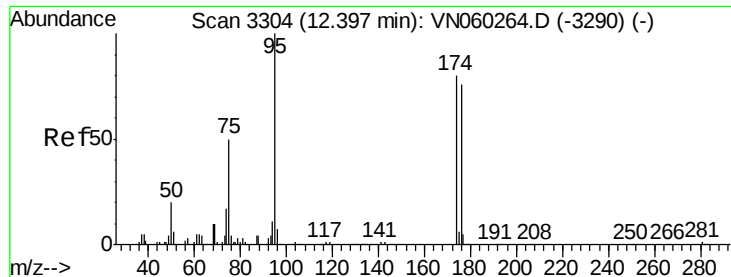
100000

50000

0

10.00 10.10





#62

4-Bromofluorobenzene

Concen: 52.192 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060351.D

Acq: 4 Mar 2020 16:12

Instrument :

MSVOA_N

ClientSampleId :

OR-02-030320

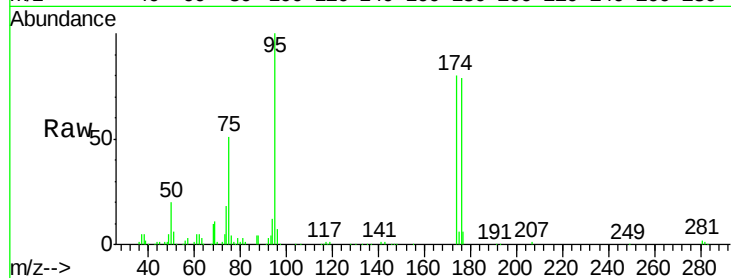
Tot Ion: 95 Resp: 146111

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.2

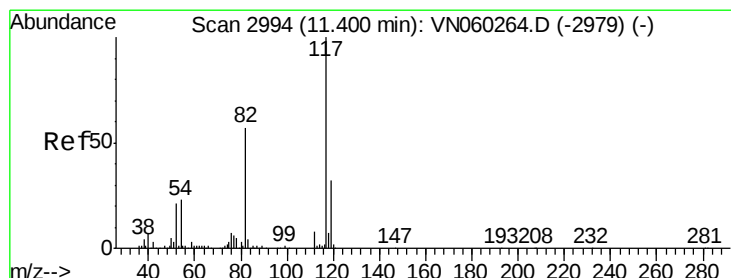
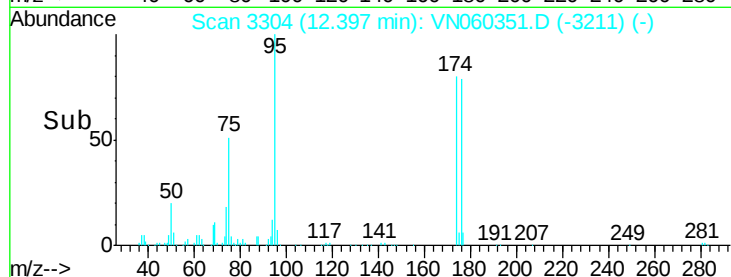
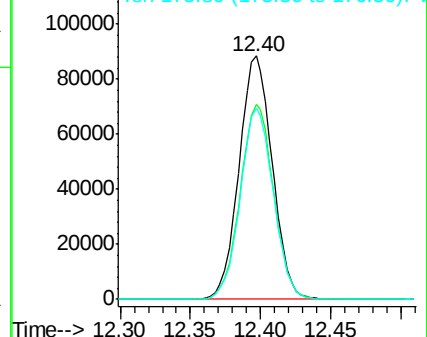
176 78.2 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060351.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060351.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060351.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060351.D

Acq: 4 Mar 2020 16:12

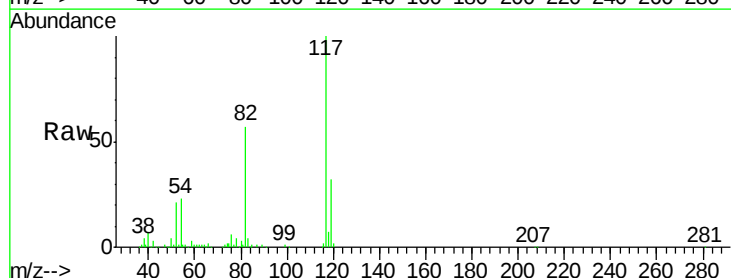
Tgt Ion: 117 Resp: 299484

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

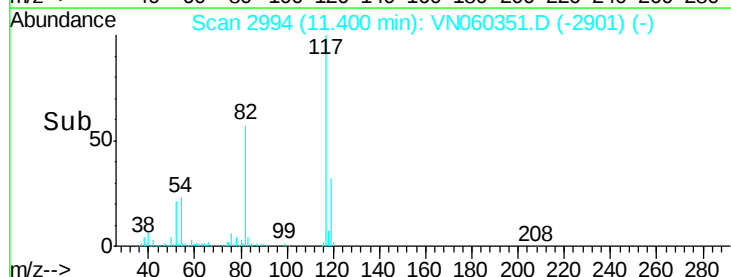
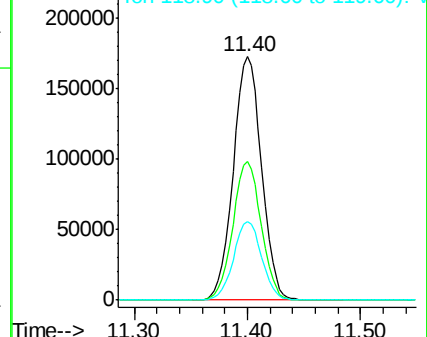
119 32.5 25.8 38.8

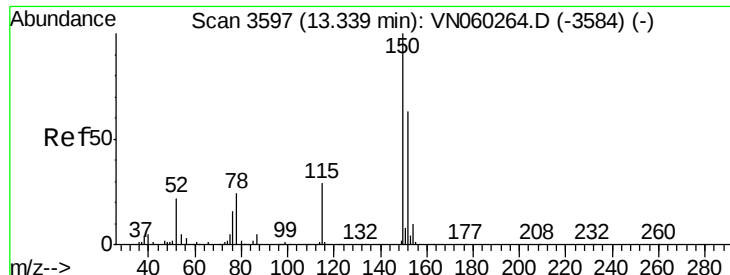


Abundance Ion 116.90 (116.60 to 117.60): VN060351.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060351.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060351.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060351.D

Acq: 4 Mar 2020 16:12

Instrument :

MSVOA_N

ClientSampleId :

OR-02-030320

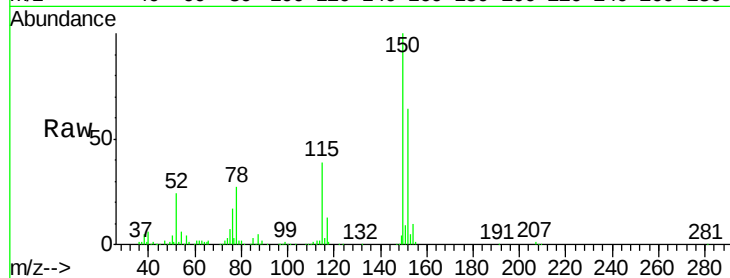
Tot Ion:152 Resp: 140964

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 157.1 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

