

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064013.D
 Acq On : 9 Oct 2020 2:04
 Operator : JC/MD
 Sample : PB132189ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#02

Quant Time: Oct 09 07:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

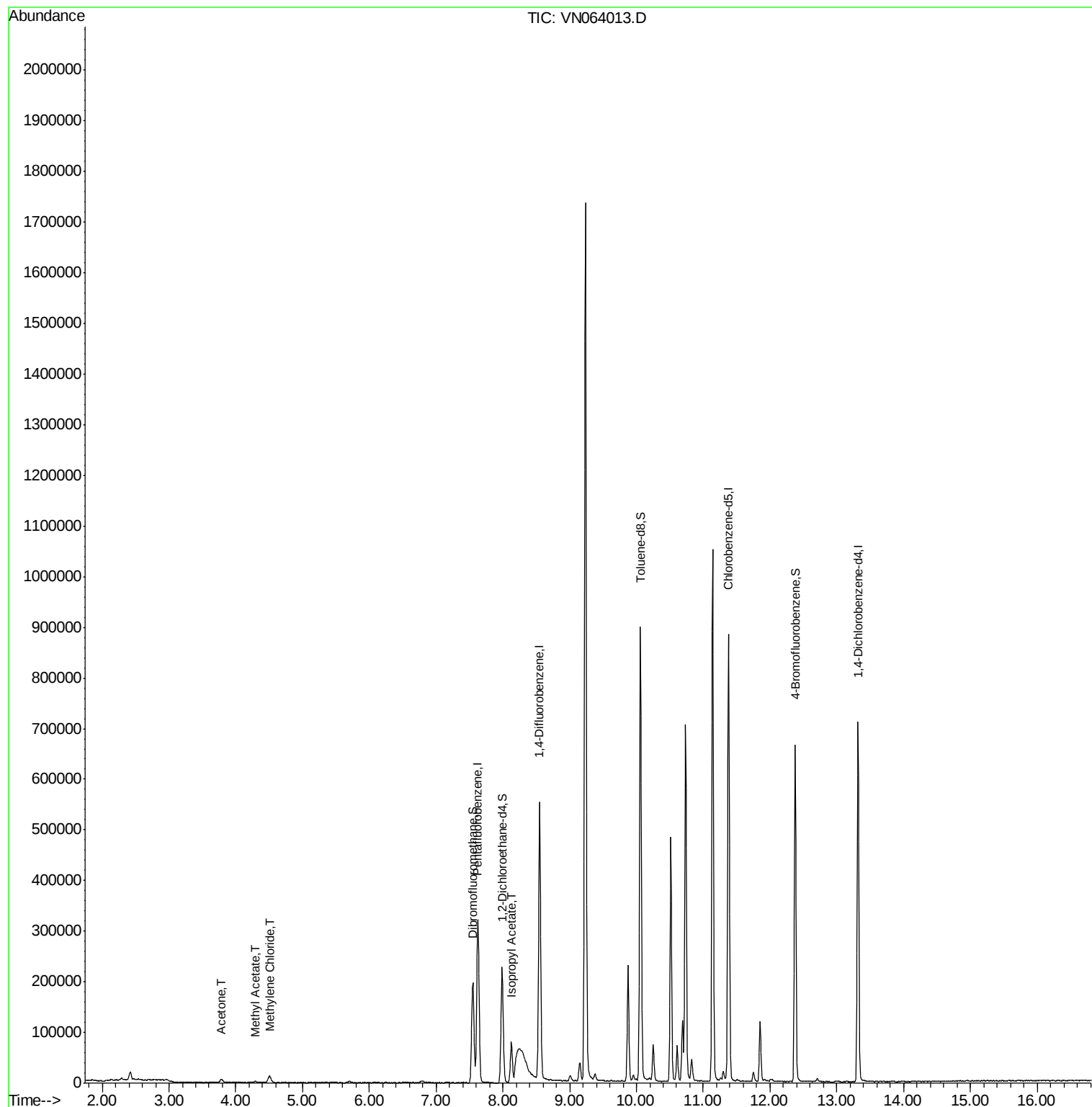
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205703	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	7.55	113	149572	46.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.42%	
50) Toluene-d8	10.06	98	591173	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.38	95	226421	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
Target Compounds						
16) Acetone	3.78	43	13665	10.894	ug/l	98
18) Methyl Acetate	4.29	43	4167	1.280	ug/l #	54
20) Methylene Chloride	4.50	84	8643	3.100	ug/l #	90
43) Isopropyl Acetate	8.13	43	94926	12.390	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064013.D

Acq: 9 Oct 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

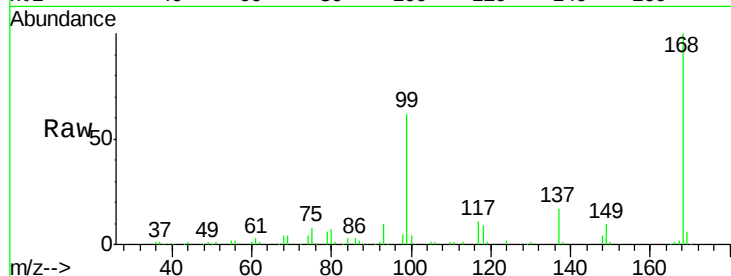
PB132189ZHE#02

Tot Ion:168 Resp: 246640

Ion Ratio Lower Upper

168 100

99 61.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

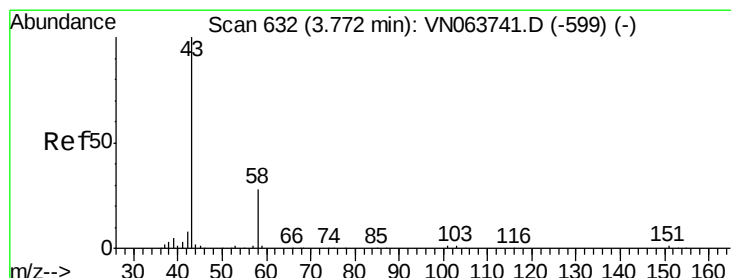
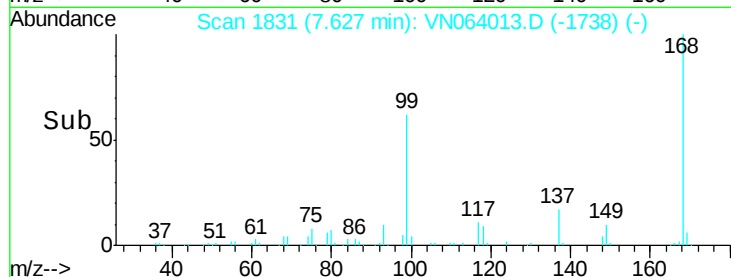
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 10.894 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064013.D

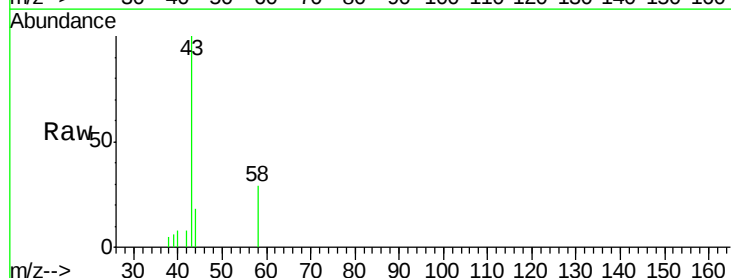
Acq: 9 Oct 2020 2:04

Tgt Ion: 43 Resp: 13665

Ion Ratio Lower Upper

43 100

58 29.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

5000

4000

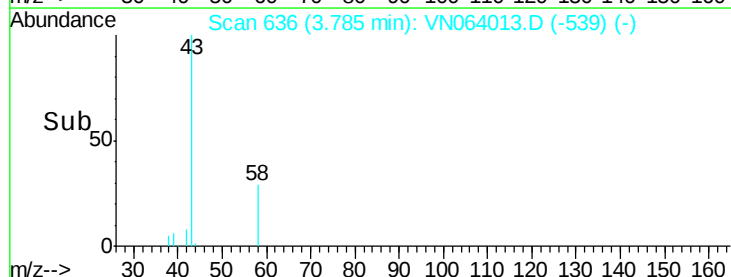
3000

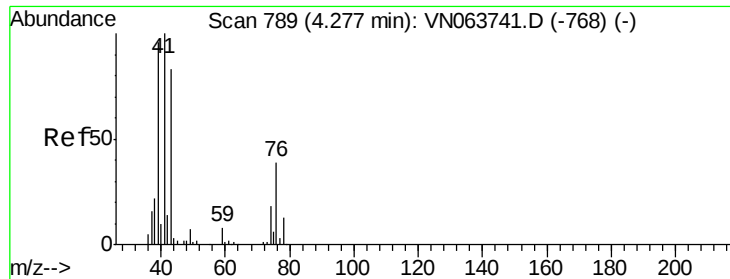
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

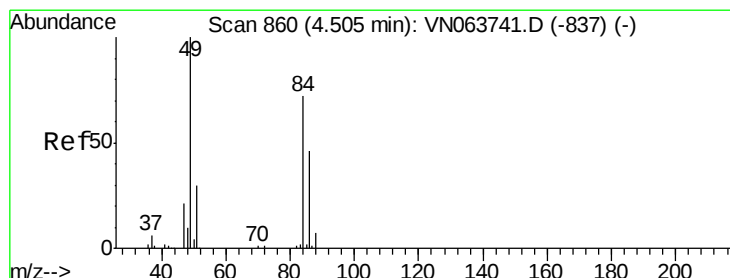
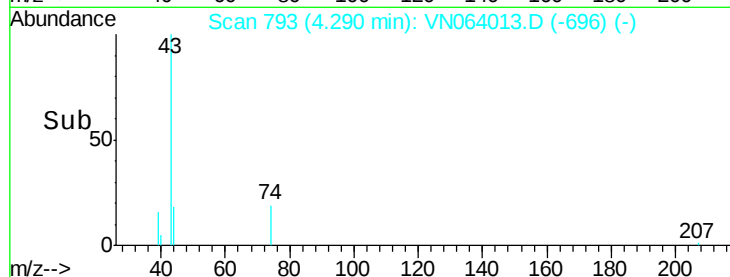
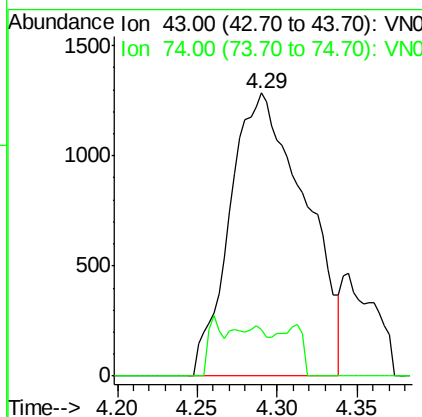
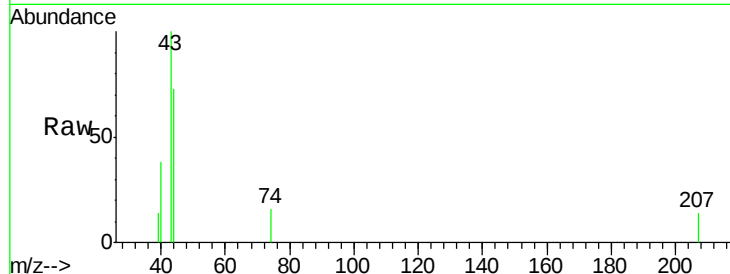




#18
Methyl Acetate
Concen: 1.280 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064013.D
Acq: 9 Oct 2020 2:04

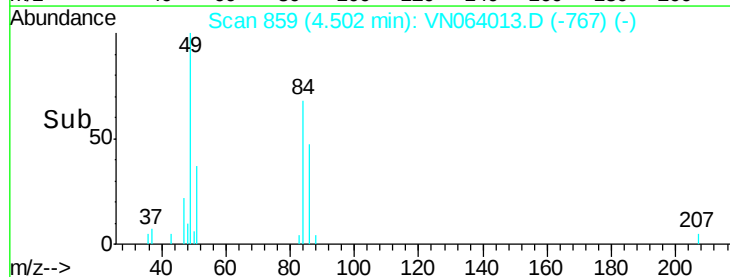
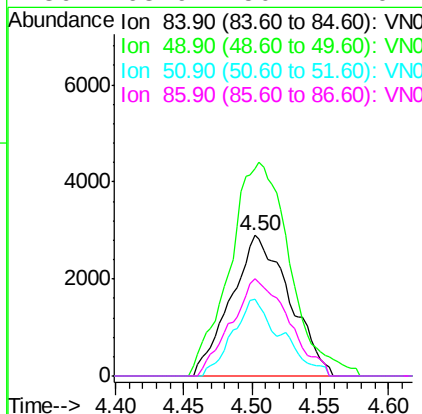
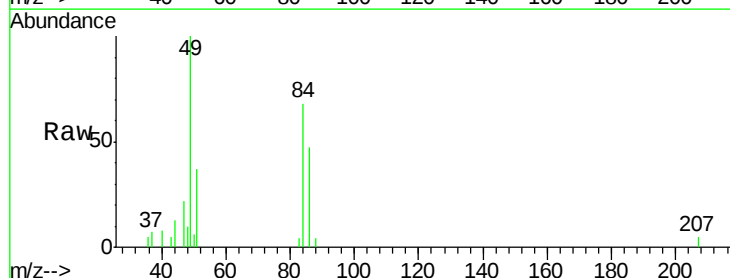
Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#02

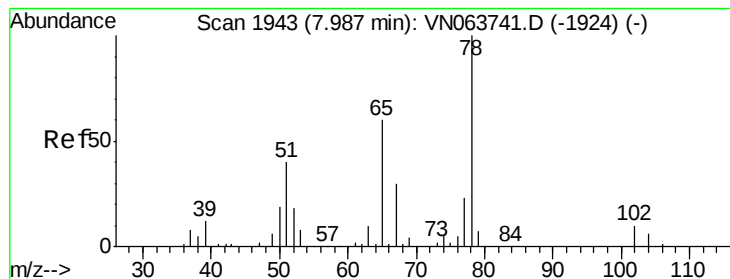
Tot Ion: 43 Resp: 4167
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#20
Methylene Chloride
Concen: 3.100 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064013.D
Acq: 9 Oct 2020 2:04

Tgt Ion: 84 Resp: 8643
Ion Ratio Lower Upper
84 100
49 147.3 110.4 165.6
51 54.4 33.3 49.9#
86 68.9 50.7 76.1





#33

1,2-Dichloroethane-d4

Concen: 50.483 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064013.D

Acq: 9 Oct 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

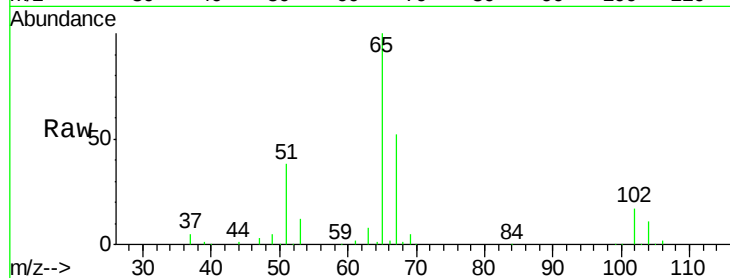
PB132189ZHE#02

Tot Ion: 65 Resp: 205703

Ion Ratio Lower Upper

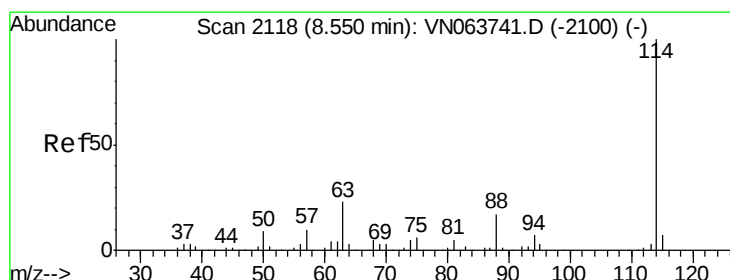
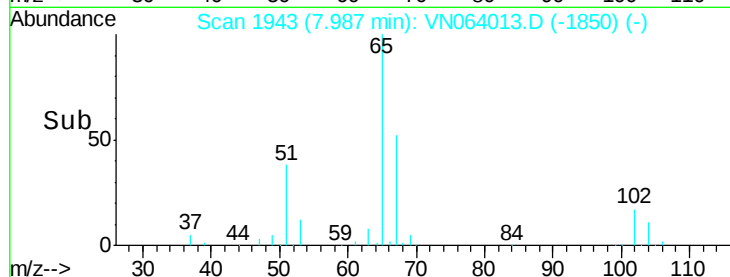
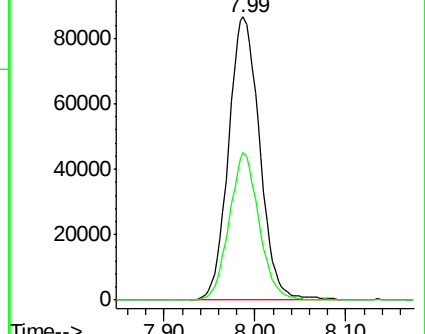
65 100

67 49.8 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN064013.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064013.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064013.D

Acq: 9 Oct 2020 2:04

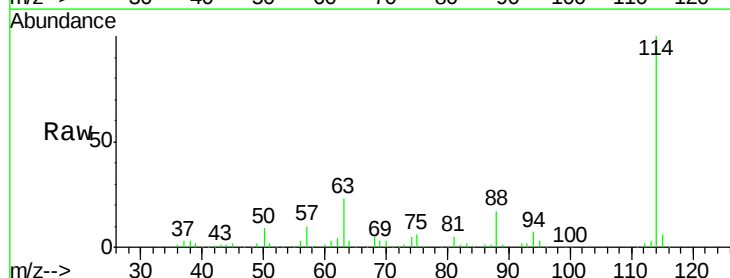
Tgt Ion: 114 Resp: 461481

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

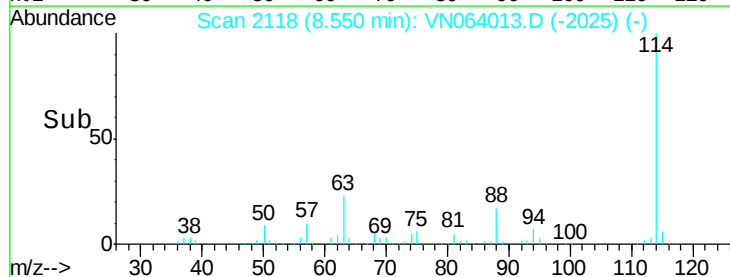
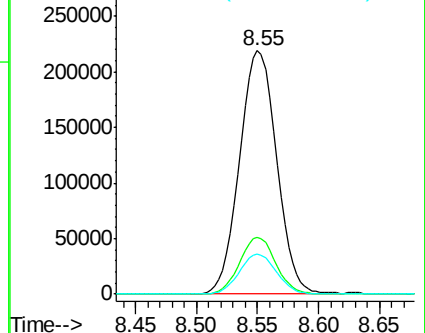
88 16.5 0.0 34.0



Abundance Ion 113.90 (113.60 to 114.60): VN064013.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064013.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064013.D (-2025) (-)

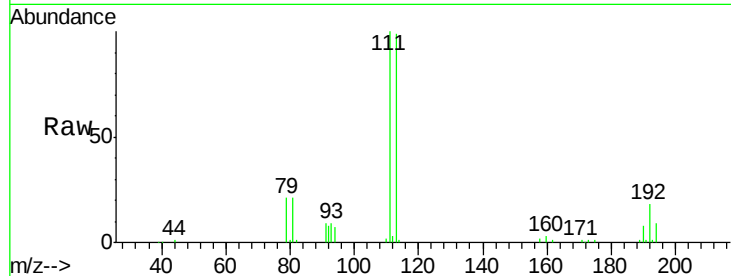




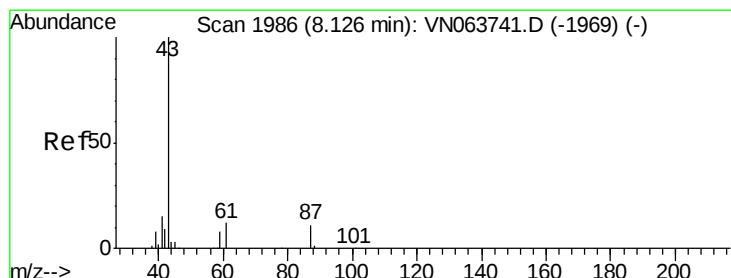
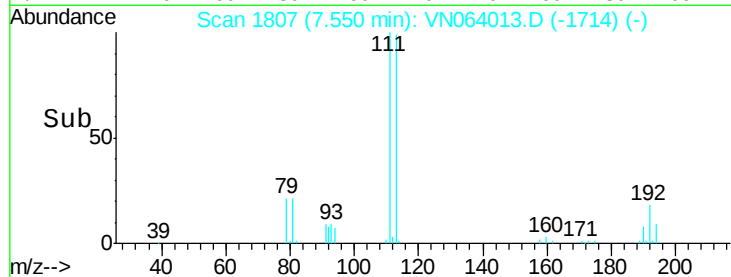
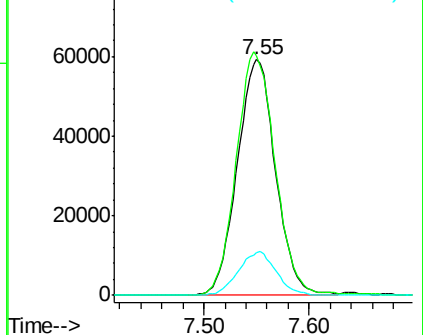
#35
 Dibromofluoromethane
 Concen: 46.710 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064013.D
 Acq: 9 Oct 2020 2:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.8
192	18.4	14.2	21.2

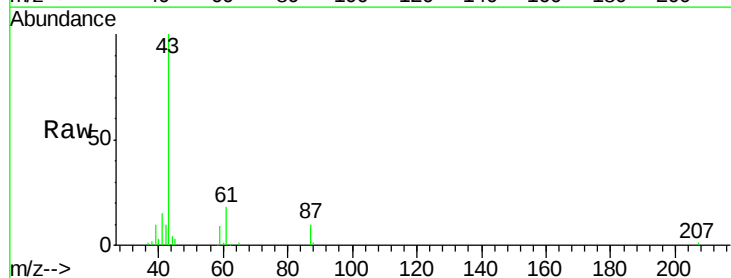


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

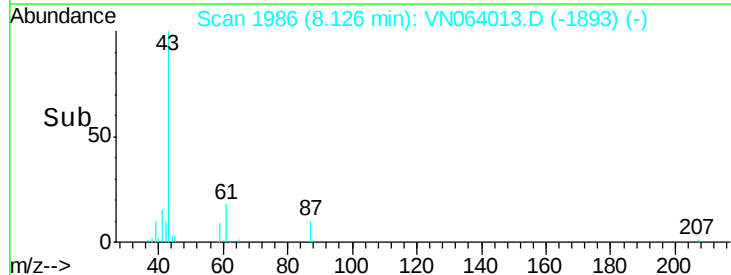
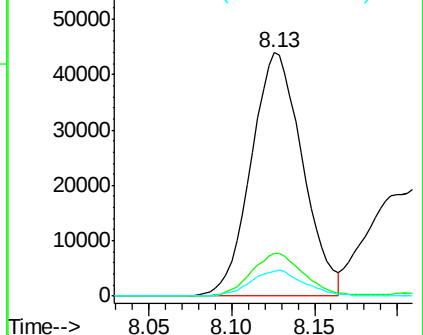


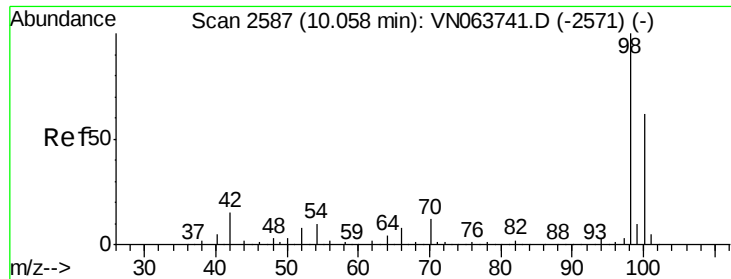
#43
 Isopropyl Acetate
 Concen: 12.390 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN064013.D
 Acq: 9 Oct 2020 2:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.2	21.4
87	10.9	9.0	13.6



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.701 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064013.D

Acq: 9 Oct 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

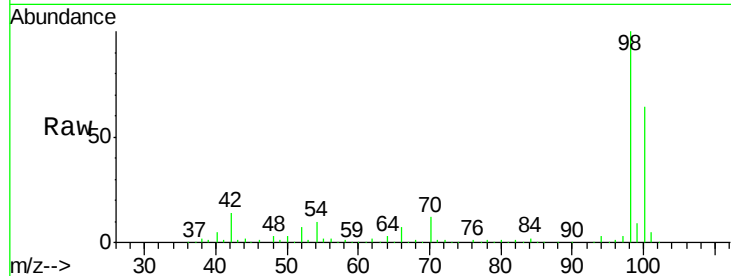
PB132189ZHE#02

Tot Ion: 98 Resp: 591173

Ion Ratio Lower Upper

98 100

100 64.1 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

10.06

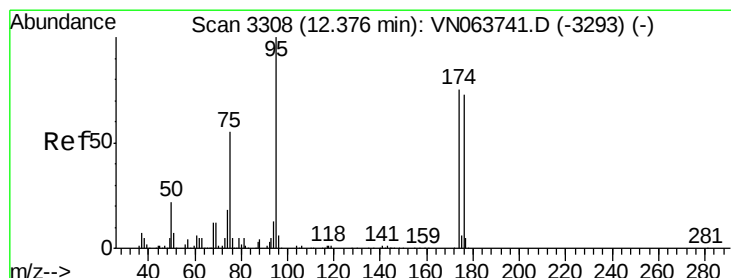
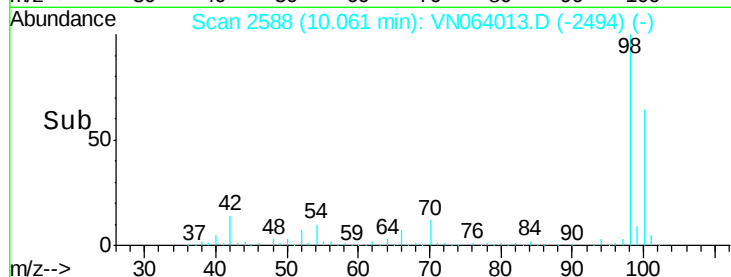
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.620 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064013.D

Acq: 9 Oct 2020 2:04

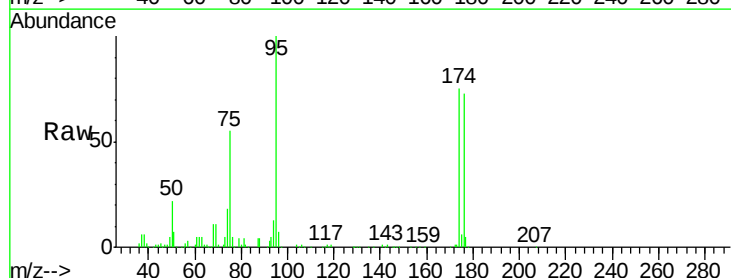
Tgt Ion: 95 Resp: 226421

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.6

176 72.1 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VN063741.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN063741.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN063741.D (-3293) (-)

12.38

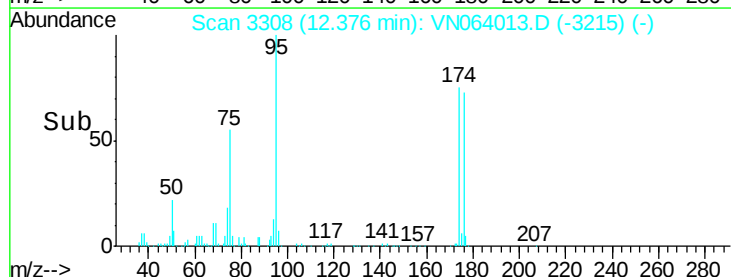
150000

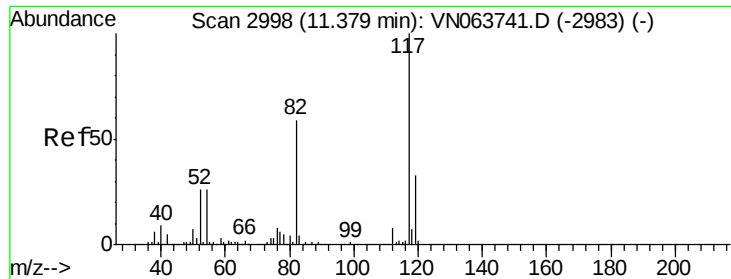
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064013.D

Acq: 9 Oct 2020 2:04

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#02

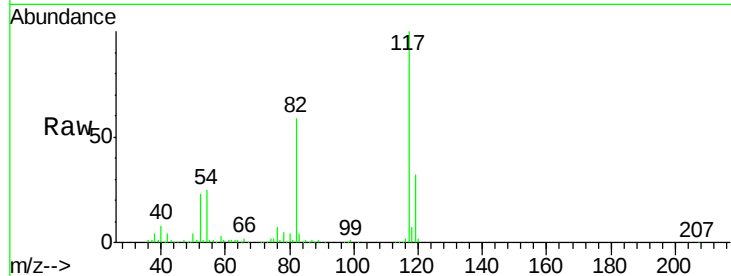
Tot Ion:117 Resp: 480037

Ion Ratio Lower Upper

117 100

82 59.4 47.4 71.2

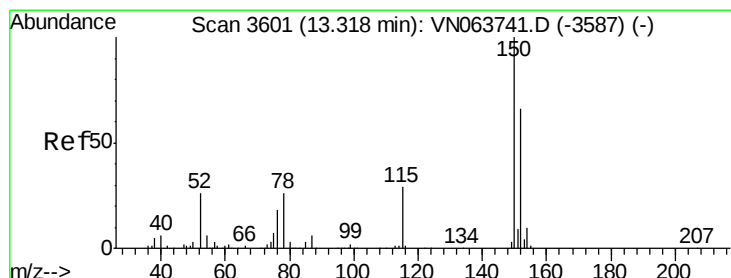
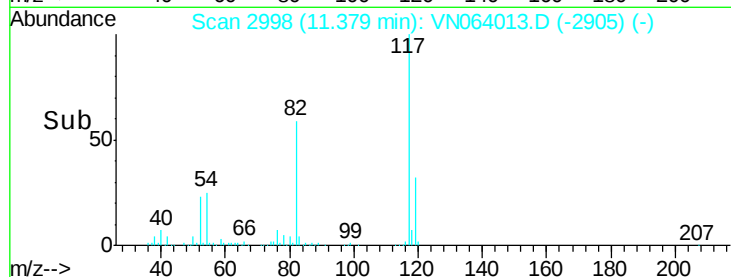
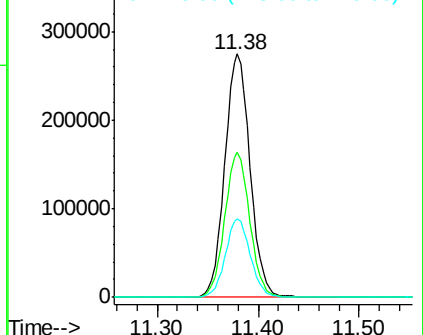
119 32.4 26.4 39.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064013.D

Acq: 9 Oct 2020 2:04

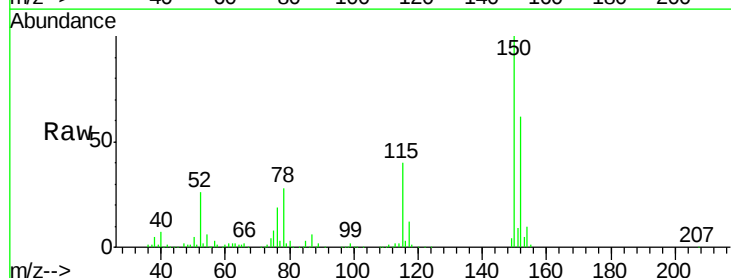
Tgt Ion:152 Resp: 182798

Ion Ratio Lower Upper

152 100

115 62.7 31.3 93.8

150 157.0 0.0 341.8



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

