

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN064019.D
 Acq On : 9 Oct 2020 4:28
 Operator : JC/MD
 Sample : PB132189ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132189ZHE#08

Quant Time: Oct 09 09:41:10 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

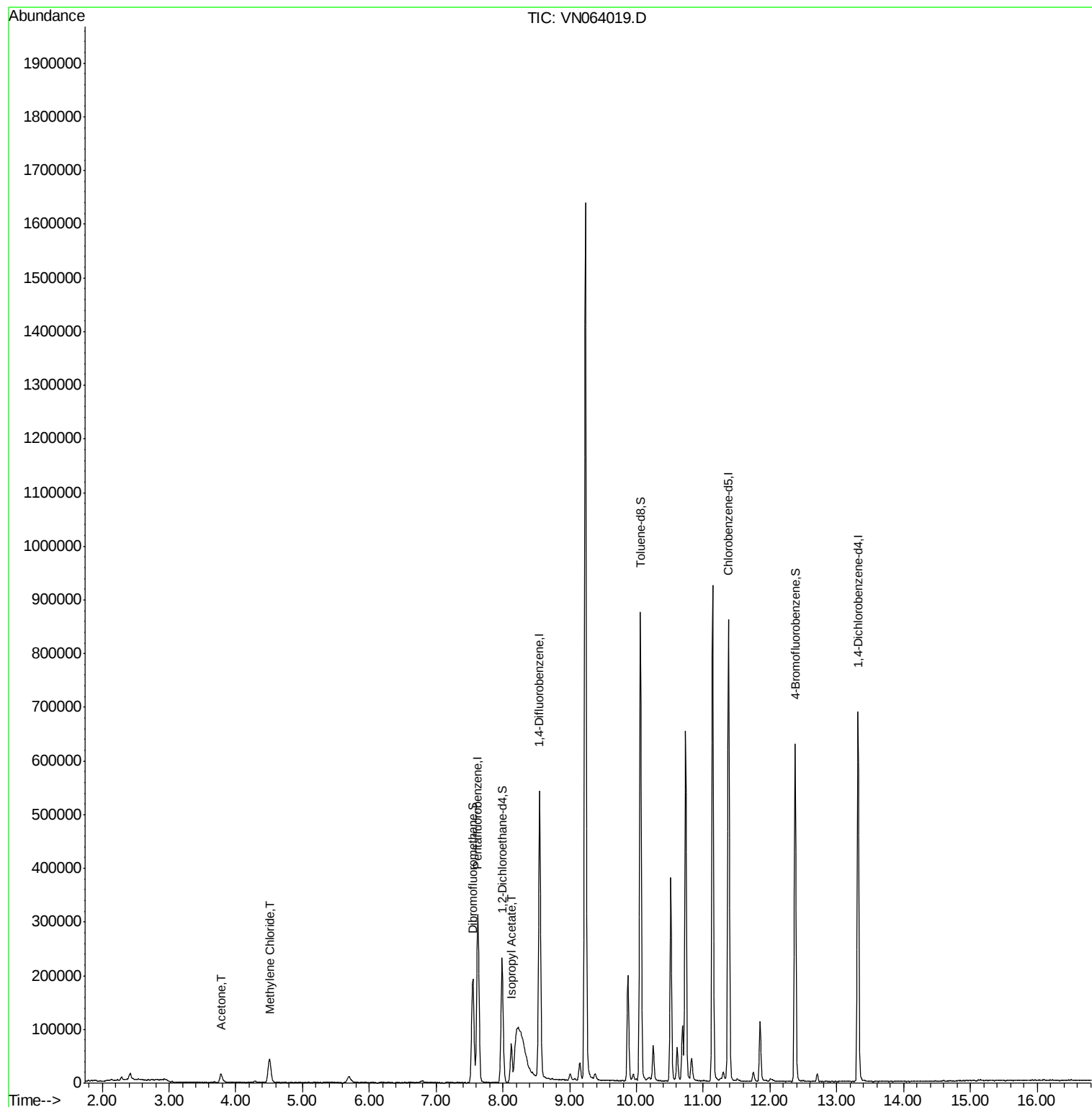
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	454915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176589	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	203366	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
35) Dibromofluoromethane	7.55	113	148230	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	10.06	98	577287	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	12.38	95	214501	47.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.38%	
Target Compounds						
16) Acetone	3.78	43	29654	24.668	ug/l	92
20) Methylene Chloride	4.51	84	32327	11.816	ug/l	93
43) Isopropyl Acetate	8.13	43	81506	10.792	ug/l	98

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064019.D

Acq: 9 Oct 2020 4:28

Instrument :

MSVOA_N

ClientSampleId :

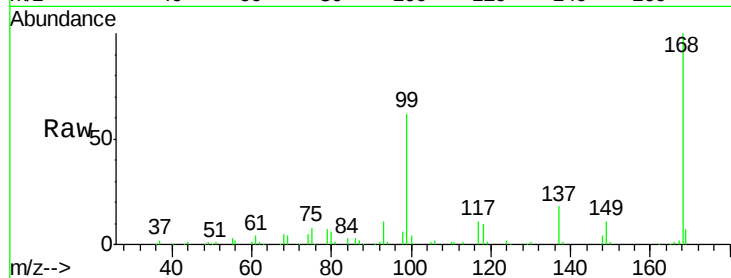
PB132189ZHE#08

Tot Ion:168 Resp: 236375

Ion Ratio Lower Upper

168 100

99 62.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

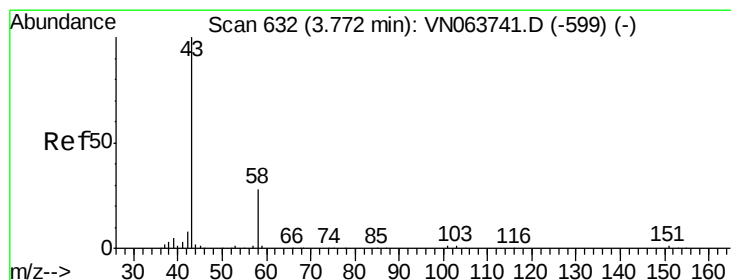
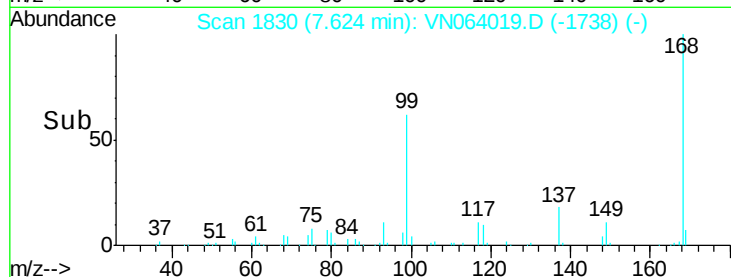
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 24.668 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064019.D

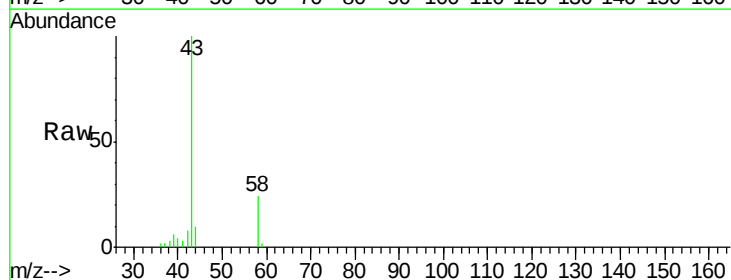
Acq: 9 Oct 2020 4:28

Tgt Ion: 43 Resp: 29654

Ion Ratio Lower Upper

43 100

58 23.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

12000

10000

8000

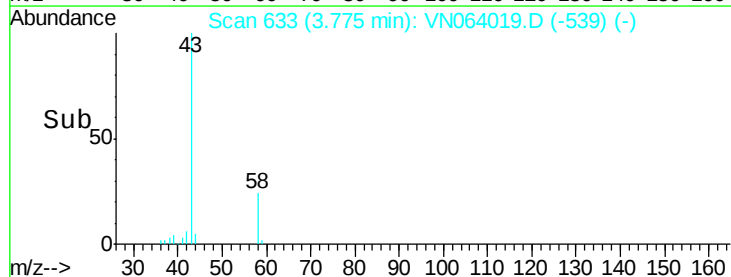
6000

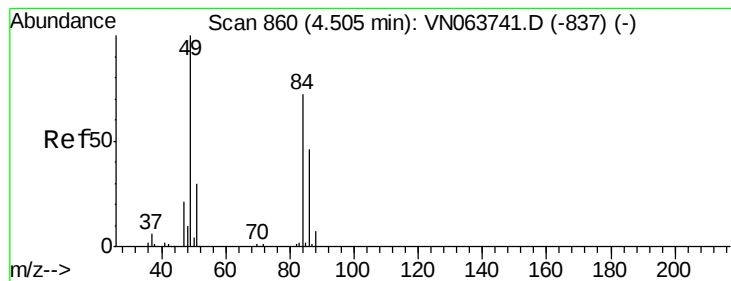
4000

2000

0

Time--> 3.70 3.80 3.90





#20

Methylene Chloride

Concen: 11.816 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN064019.D

Acq: 9 Oct 2020 4:28

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#08

Tot Ion: 84 Resp: 32327

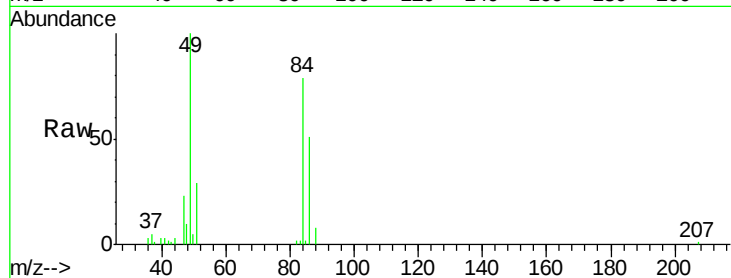
Ion	Ratio	Lower	Upper
84	100		
49	126.4	110.4	165.6
51	36.8	33.3	49.9
86	64.1	50.7	76.1

84 100

49 126.4 110.4 165.6

51 36.8 33.3 49.9

86 64.1 50.7 76.1

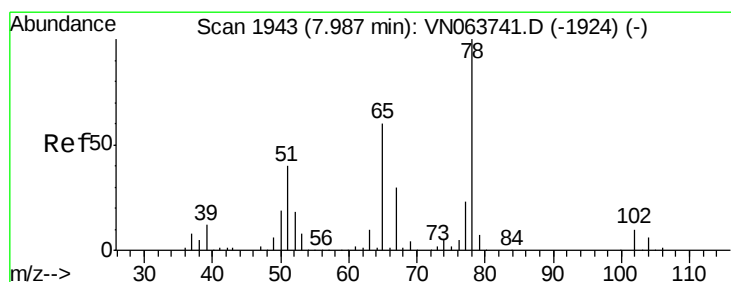
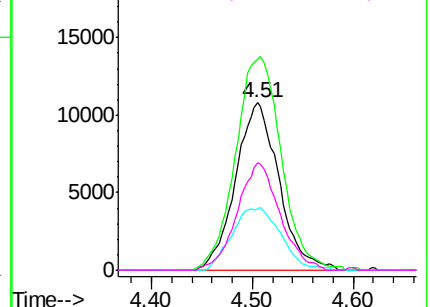
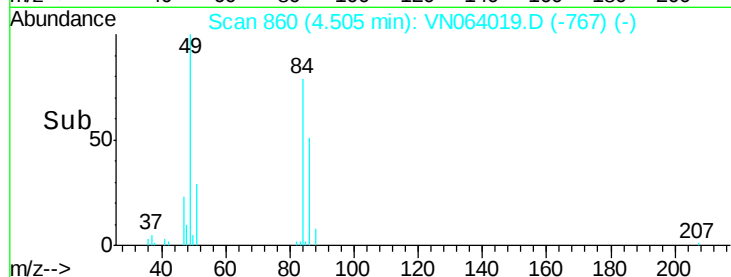


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 52.077 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064019.D

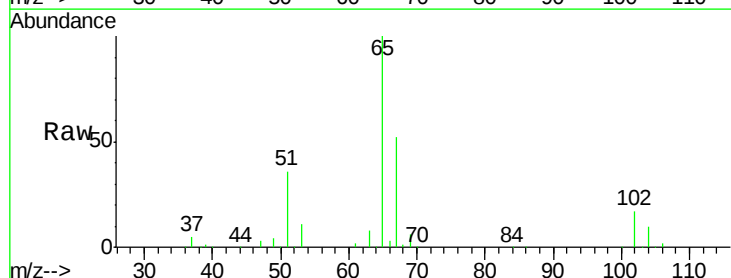
Acq: 9 Oct 2020 4:28

Tgt Ion: 65 Resp: 203366

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.6

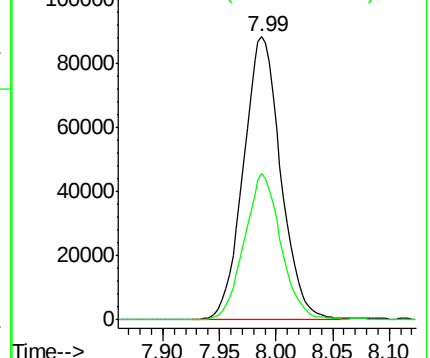
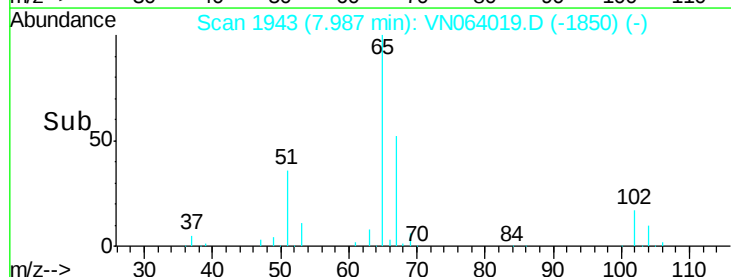
65 100

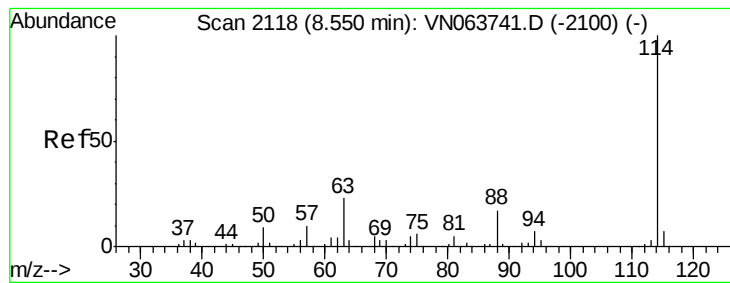
67 50.4 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064019.D

Acq: 9 Oct 2020 4:28

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#08

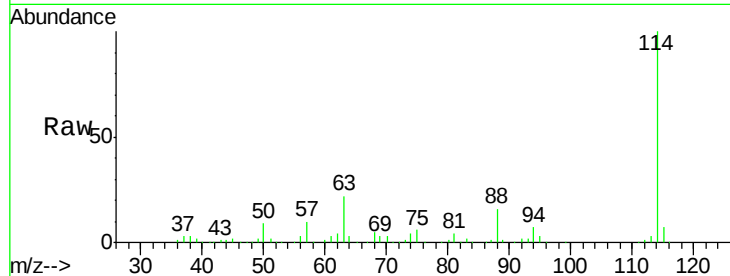
Tot Ion:114 Resp: 454915

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

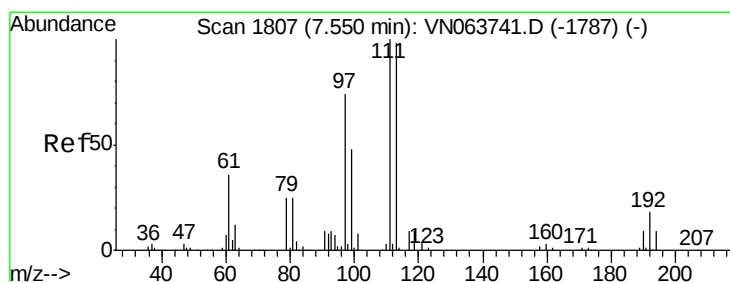
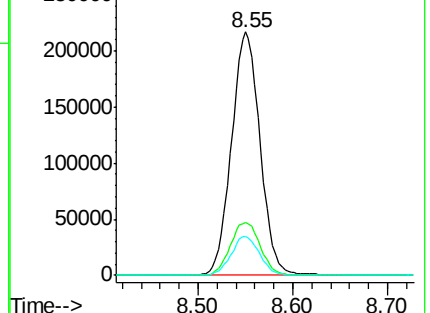
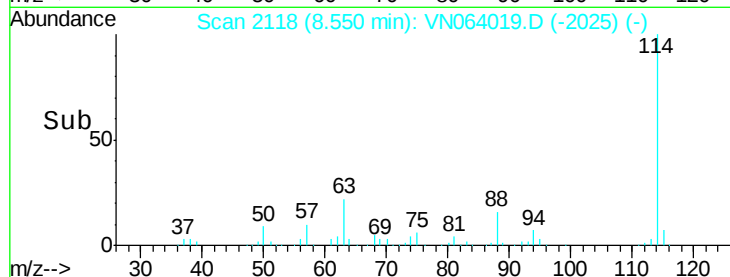
88 15.9 0.0 34.0



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: 46.960 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064019.D

Acq: 9 Oct 2020 4:28

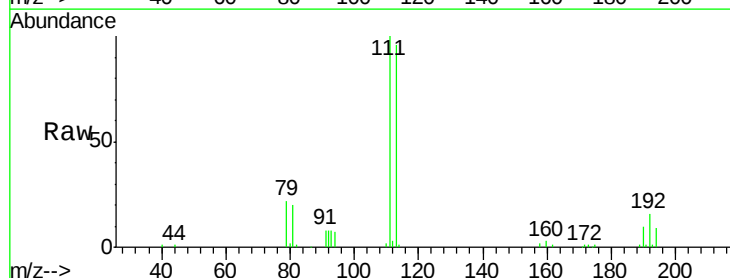
Tgt Ion:113 Resp: 148230

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

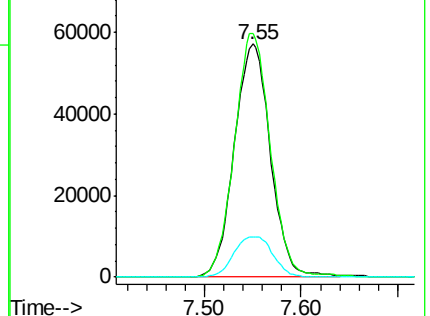
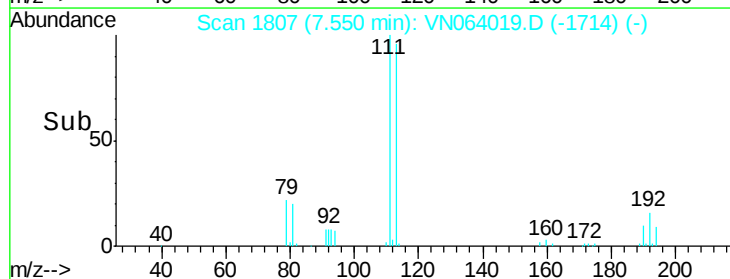
192 18.6 14.2 21.2

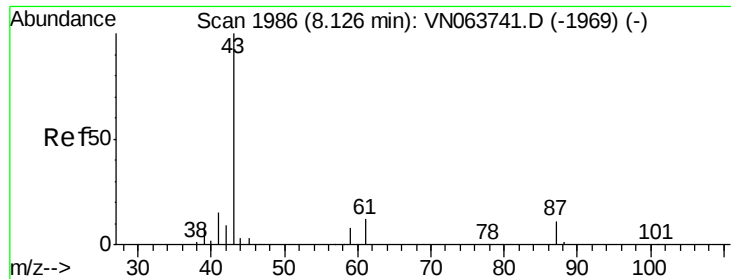


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.792 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064019.D

Acq: 9 Oct 2020 4:28

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#08

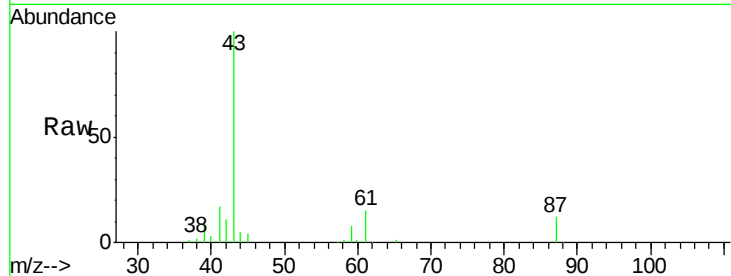
Tot Ion: 43 Resp: 81506

Ion Ratio Lower Upper

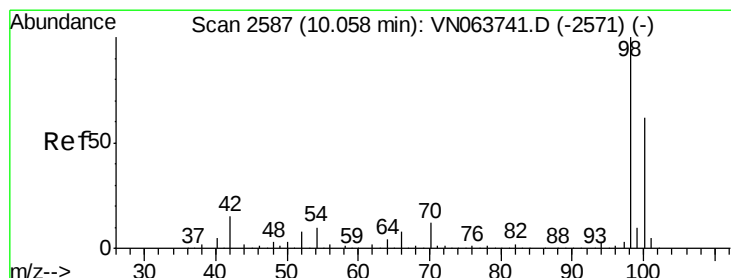
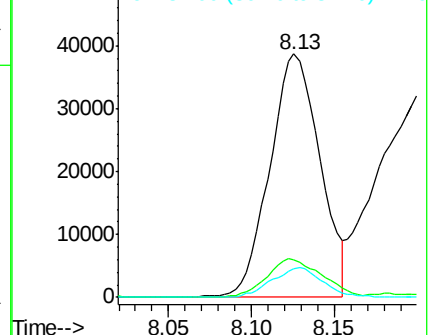
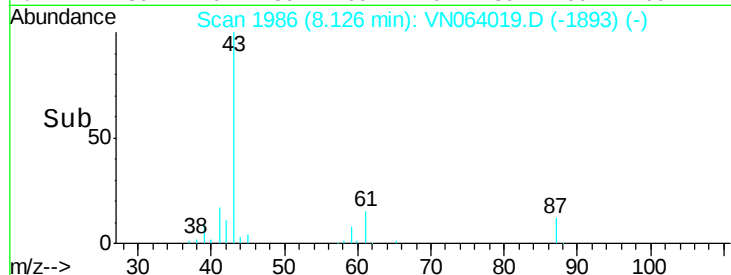
43 100

61 17.3 14.2 21.4

87 12.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN064019.D (-1893) (-)



#50

Toluene-d8

Concen: 48.243 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064019.D

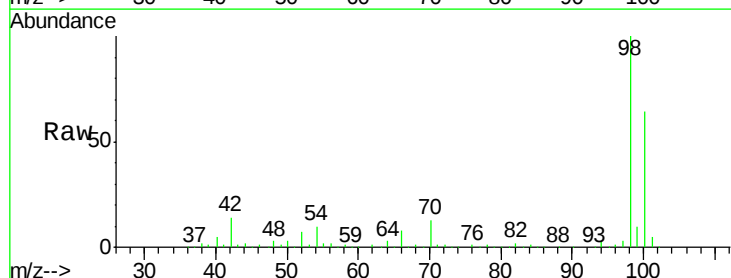
Acq: 9 Oct 2020 4:28

Tgt Ion: 98 Resp: 577287

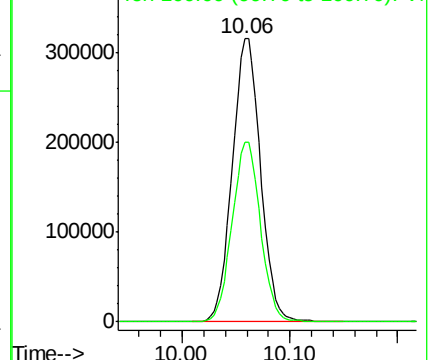
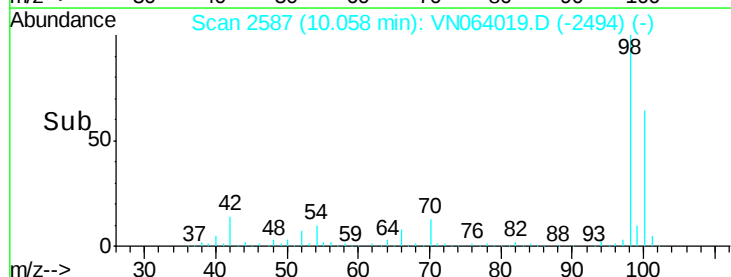
Ion Ratio Lower Upper

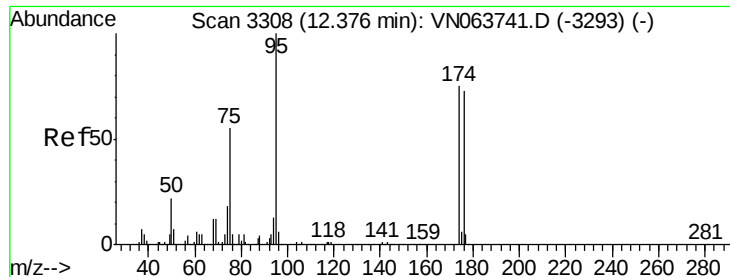
98 100

100 63.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN064019.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 47.686 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064019.D

Acq: 9 Oct 2020 4:28

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#08

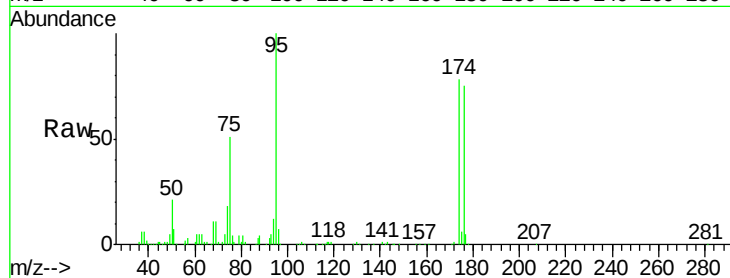
Tot Ion: 95 Resp: 214501

Ion Ratio Lower Upper

95 100

174 77.9 0.0 150.6

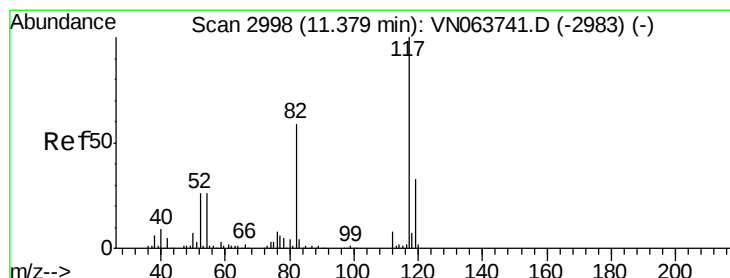
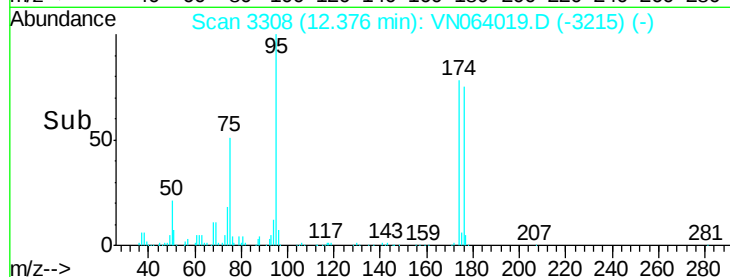
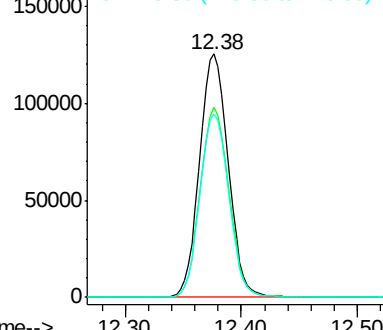
176 75.7 0.0 145.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064019.D

Acq: 9 Oct 2020 4:28

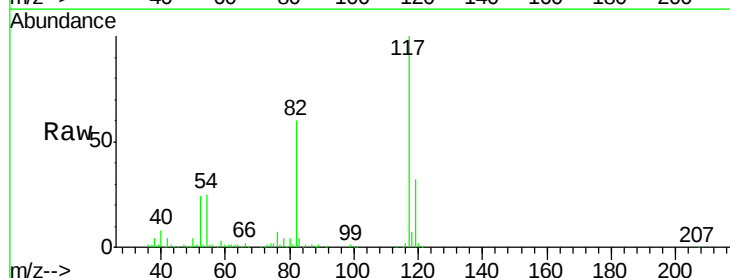
Tgt Ion: 117 Resp: 469826

Ion Ratio Lower Upper

117 100

82 59.6 47.4 71.2

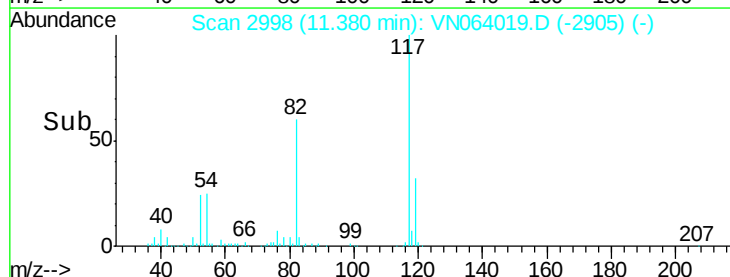
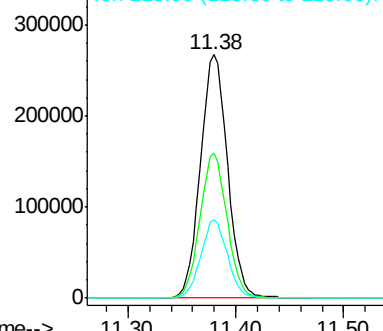
119 32.1 26.4 39.6

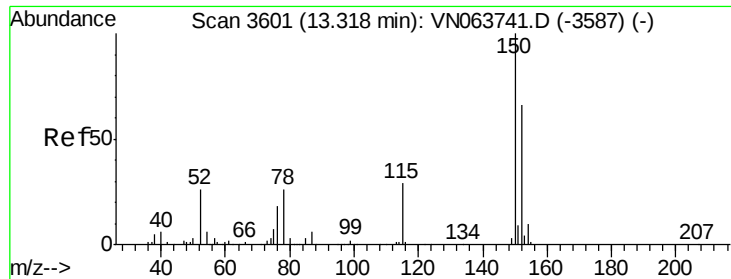


Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN063741.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN063741.D (-2983) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064019.D

Acq: 9 Oct 2020 4:28

Instrument :

MSVOA_N

ClientSampleId :

PB132189ZHE#08

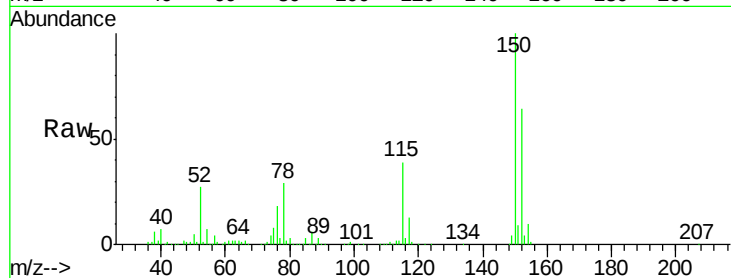
Tot Ion:152 Resp: 176589

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.8

150 156.1 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

