

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064054.D
 Acq On : 9 Oct 2020 23:13
 Operator : JC/MD
 Sample : PB132229TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132229TB

Quant Time: Oct 10 02:53:59 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

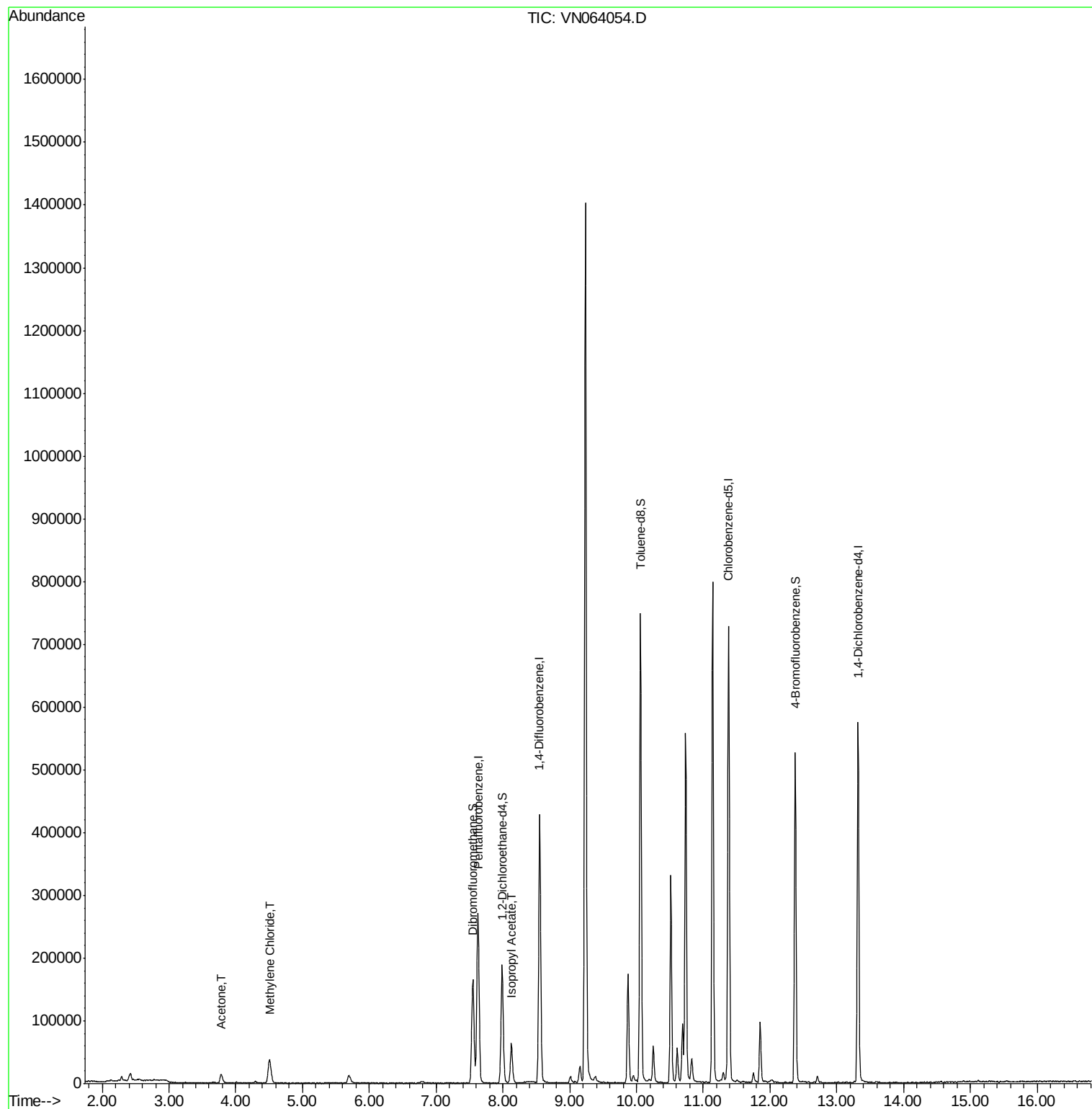
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167147	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	7.55	113	123878	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.06	98	482332	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.38	95	183960	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
Target Compounds						
16) Acetone	3.78	43	25517	25.399	ug/l	97
20) Methylene Chloride	4.51	84	26136	11.434	ug/l	98
43) Isopropyl Acetate	8.13	43	75046	12.384	ug/l	97

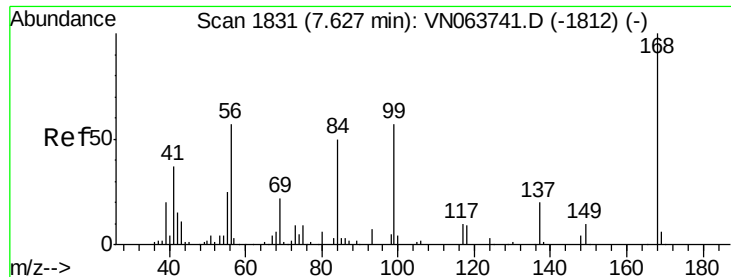
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064054.D

Acq: 9 Oct 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

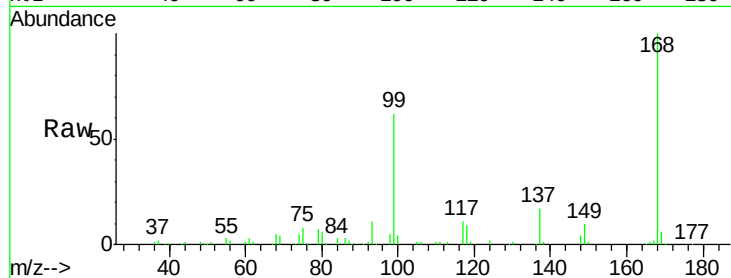
PB132229TB

Tot Ion:168 Resp: 197546

Ion Ratio Lower Upper

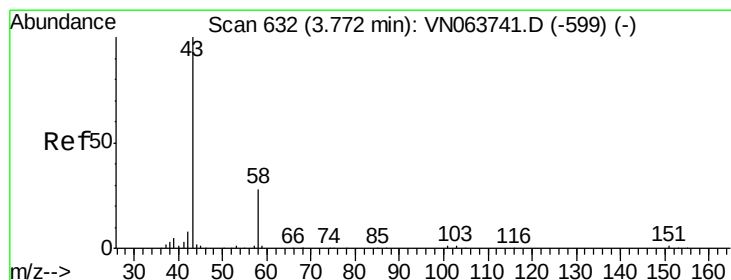
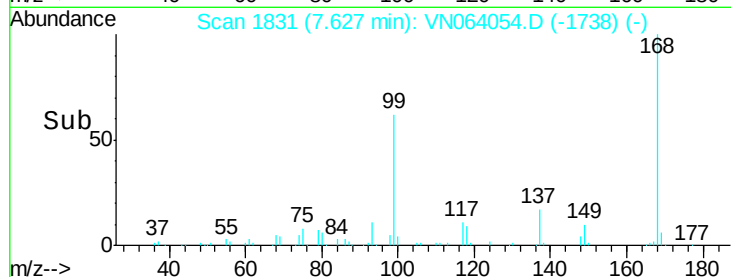
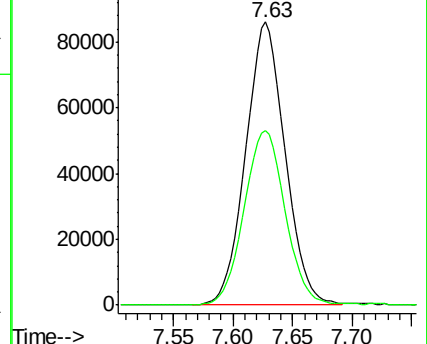
168 100

99 61.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 25.399 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064054.D

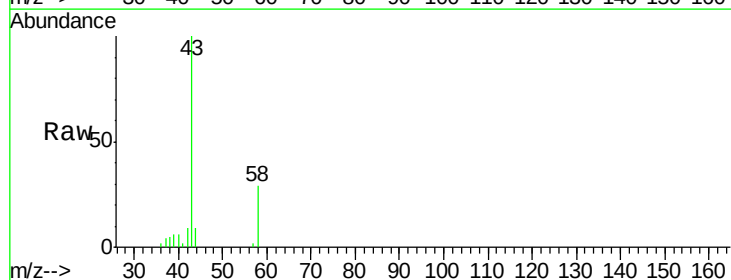
Acq: 9 Oct 2020 23:13

Tgt Ion: 43 Resp: 25517

Ion Ratio Lower Upper

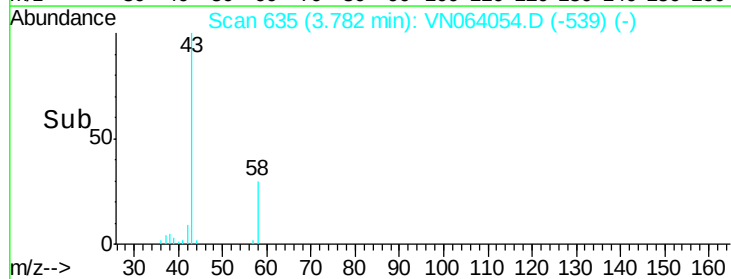
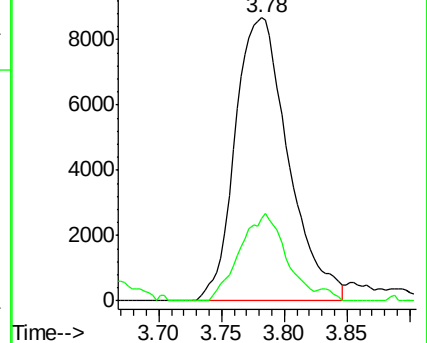
43 100

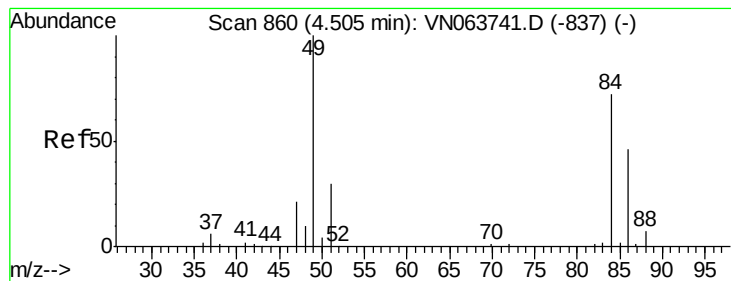
58 29.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 11.434 ug/l

RT: 4.51 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN064054.D

Acq: 9 Oct 2020 23:13

Instrument :

MSVOA_N

ClientSampled :

PB132229TB

Tot Ion: 84 Resp: 26136

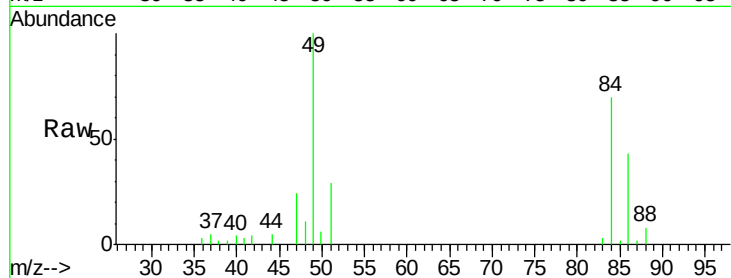
Ion Ratio Lower Upper

84 100

49 139.9 110.4 165.6

51 41.2 33.3 49.9

86 61.4 50.7 76.1

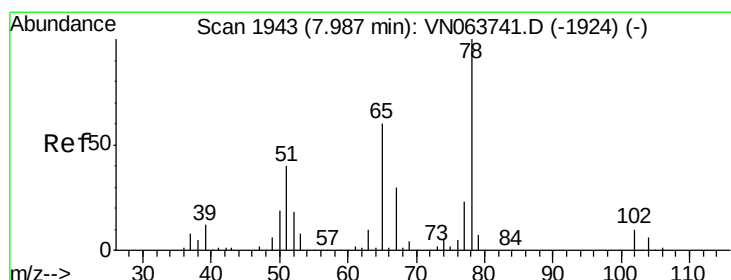
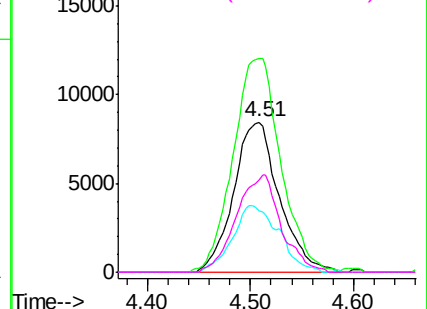
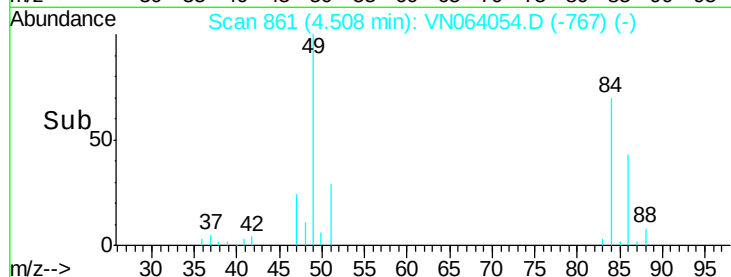


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 51.216 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064054.D

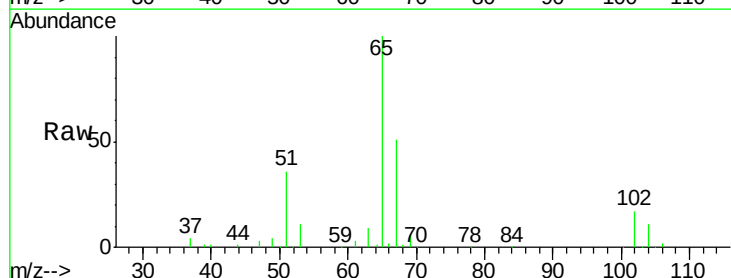
Acq: 9 Oct 2020 23:13

Tgt Ion: 65 Resp: 167147

Ion Ratio Lower Upper

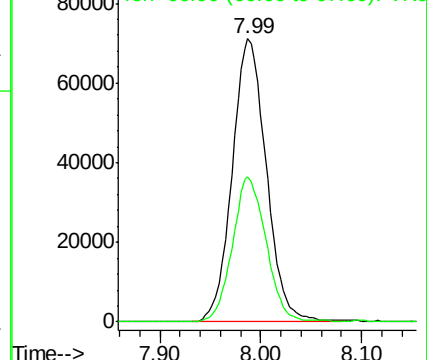
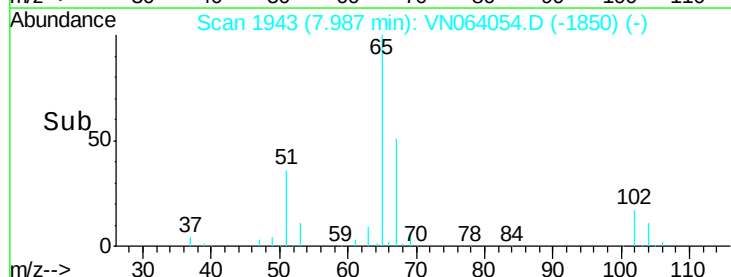
65 100

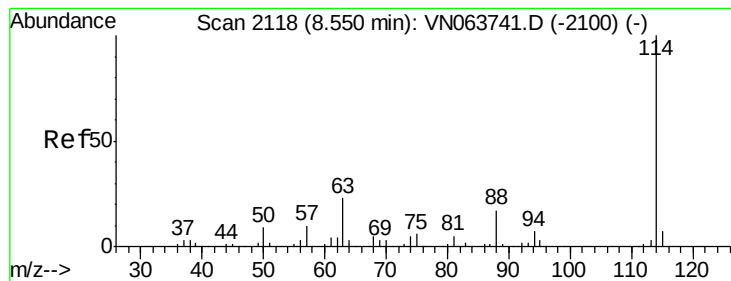
67 50.4 0.0 99.6



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# 2119

Delta R.T. 0.00 min

Lab File: VN064054.D

Acq: 9 Oct 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

PB132229TB

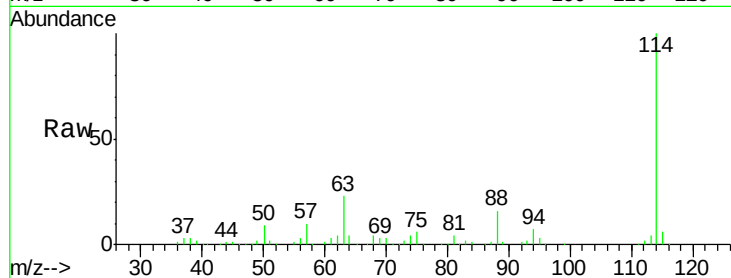
Tot Ion:114 Resp: 365005

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

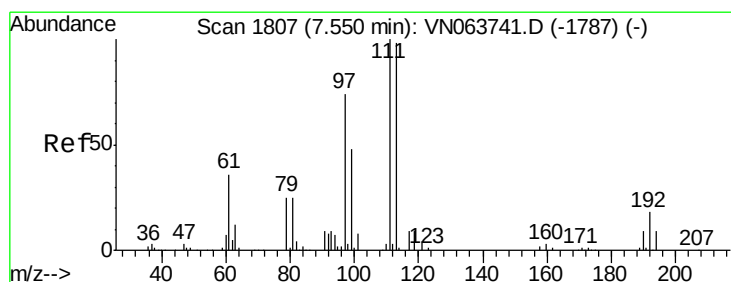
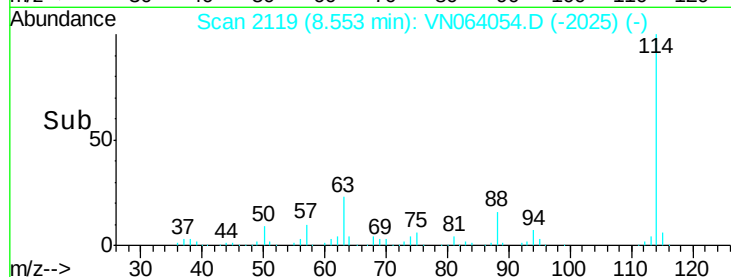
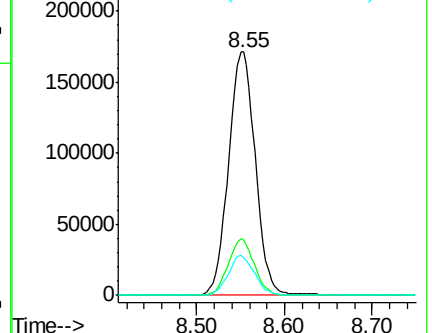
88 15.5 0.0 34.0



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: 48.912 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064054.D

Acq: 9 Oct 2020 23:13

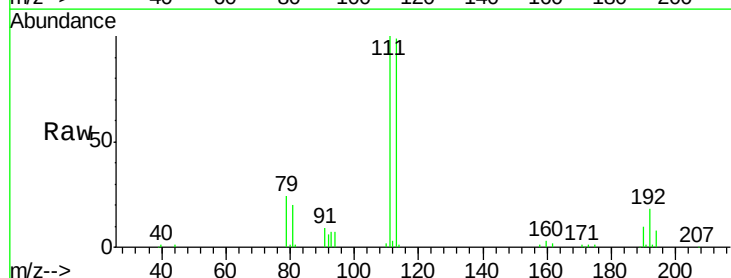
Tgt Ion:113 Resp: 123878

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

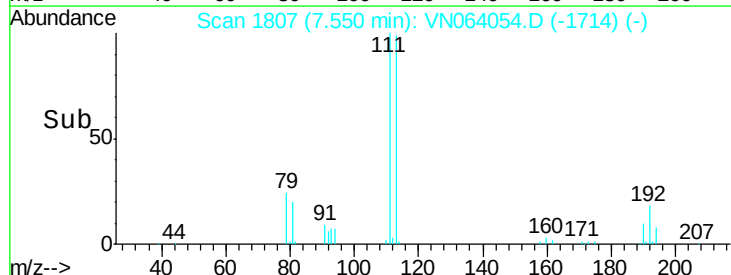
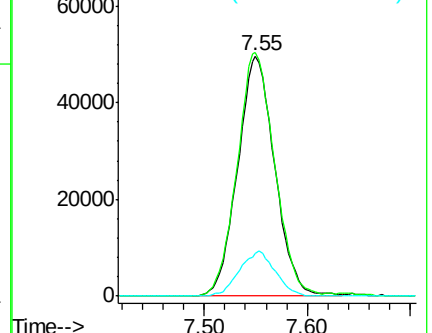
192 18.1 14.2 21.2

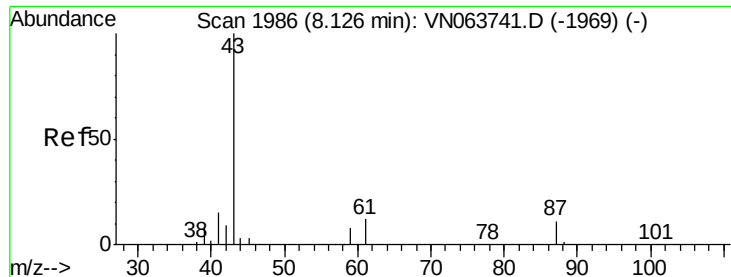


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.384 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064054.D

Acq: 9 Oct 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

PB132229TB

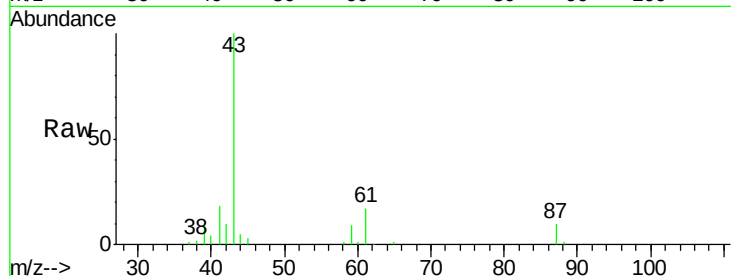
Tot Ion: 43 Resp: 75046

Ion Ratio Lower Upper

43 100

61 16.6 14.2 21.4

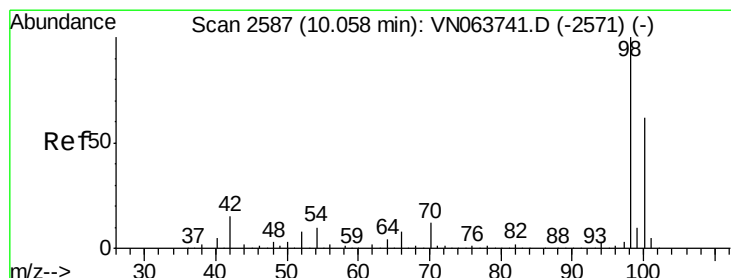
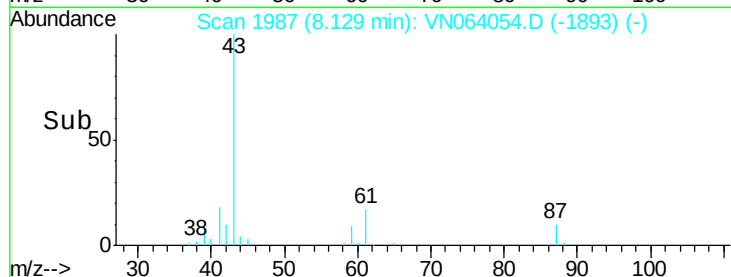
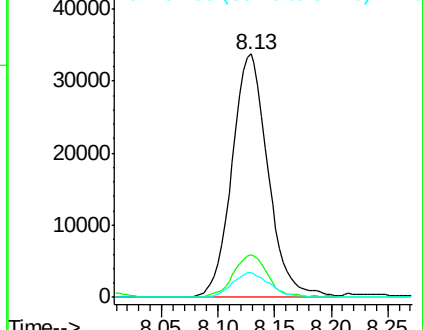
87 10.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#50

Toluene-d8

Concen: 50.237 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064054.D

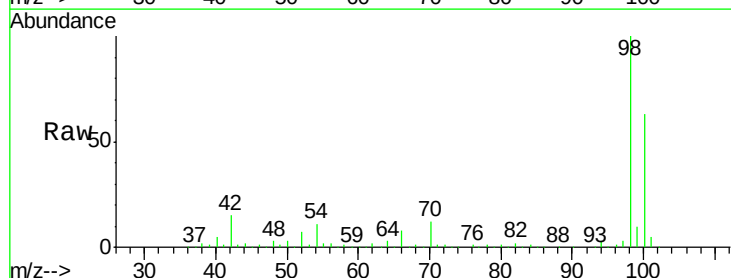
Acq: 9 Oct 2020 23:13

Tgt Ion: 98 Resp: 482332

Ion Ratio Lower Upper

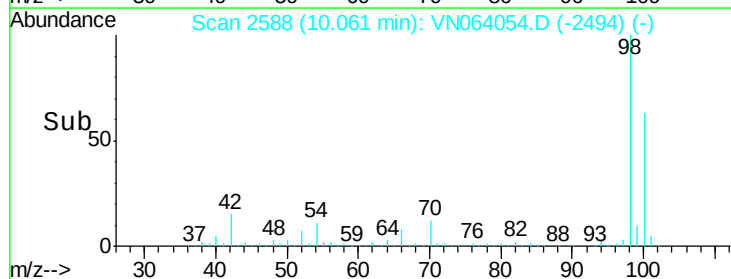
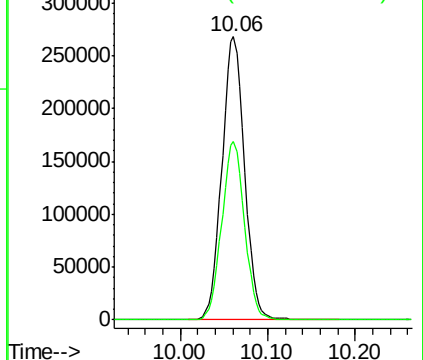
98 100

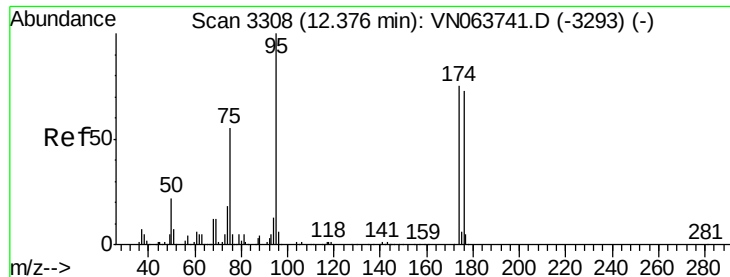
100 63.2 49.8 74.6



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

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





#62

4-Bromofluorobenzene

Concen: 50.970 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064054.D

Acq: 9 Oct 2020 23:13

Instrument :

MSVOA_N

ClientSampled :

PB132229TB

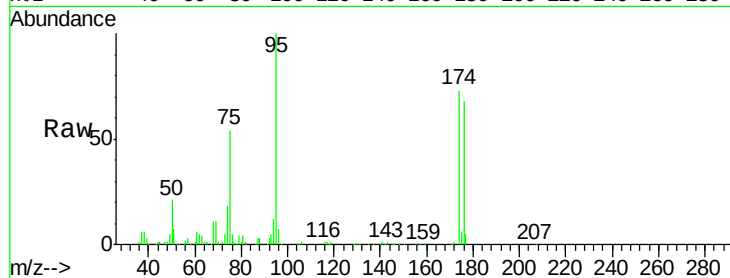
Tot Ion: 95 Resp: 183960

Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.6

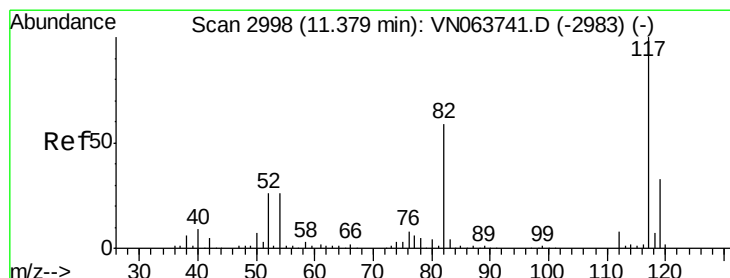
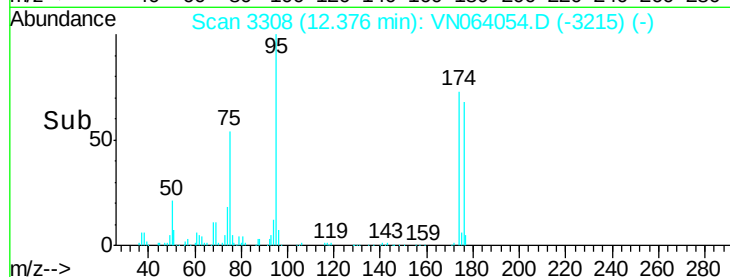
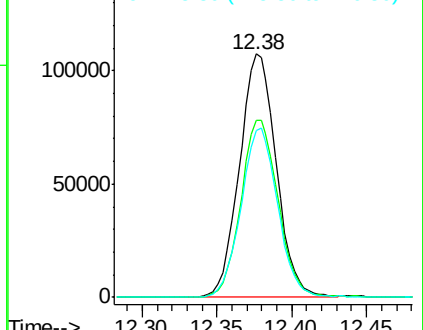
176 69.2 0.0 145.4



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: VN064054.D

Acq: 9 Oct 2020 23:13

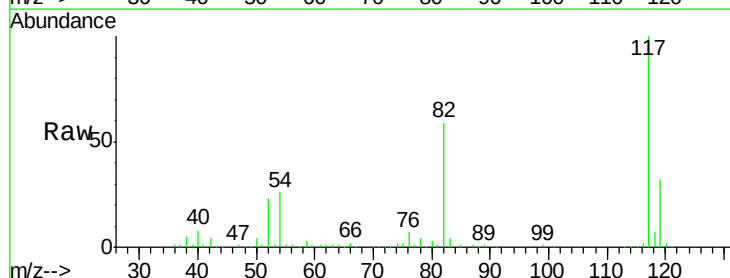
Tgt Ion: 117 Resp: 395137

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.2

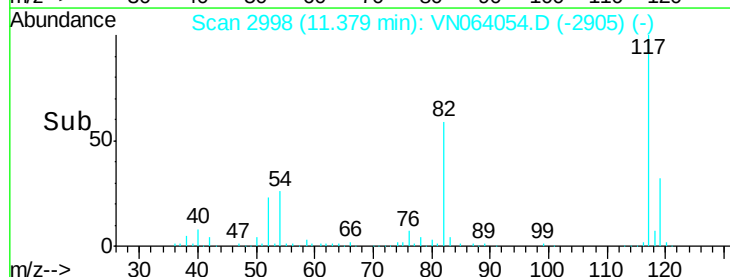
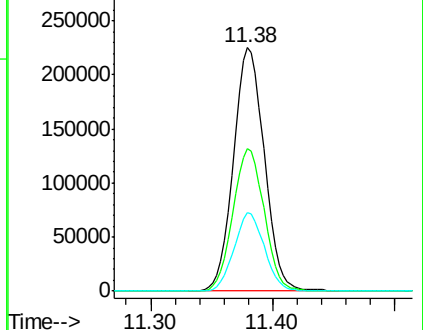
119 32.1 26.4 39.6

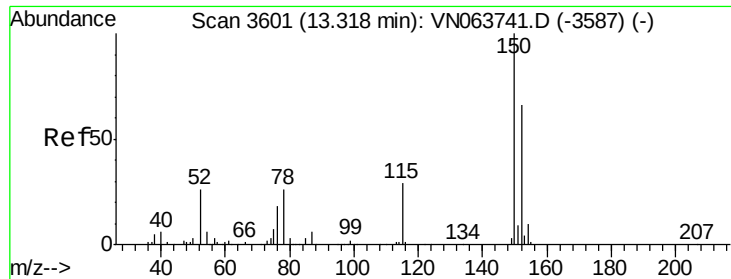


Abundance Ion 116.90 (116.60 to 117.60): VN063741.D (-2983) (-)

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: VN064054.D

Acq: 9 Oct 2020 23:13

Instrument :

MSVOA_N

ClientSampleId :

PB132229TB

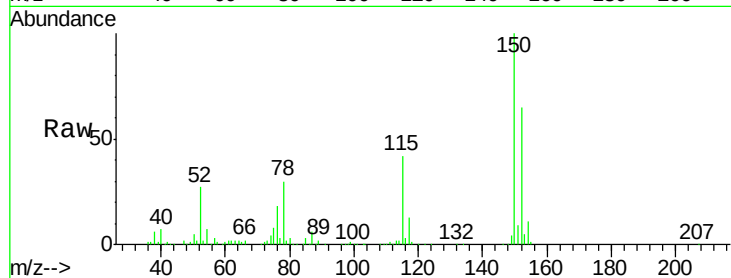
Tot Ion:152 Resp: 147268

Ion Ratio Lower Upper

152 100

115 64.0 31.3 93.8

150 153.3 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

