

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065017.D
 Acq On : 9 Dec 2020 13:49
 Operator : JC/MD
 Sample : PB133473ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133473ZHE#18

Quant Time: Dec 10 04:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	161776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	299010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	306341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	133699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	103278	54.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.82%
35) Dibromofluoromethane	7.55	113	98700	55.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	110.32%
50) Toluene-d8	10.06	98	374057	51.17	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.34%
62) 4-Bromofluorobenzene	12.38	95	140376	53.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	107.32%

Target Compounds

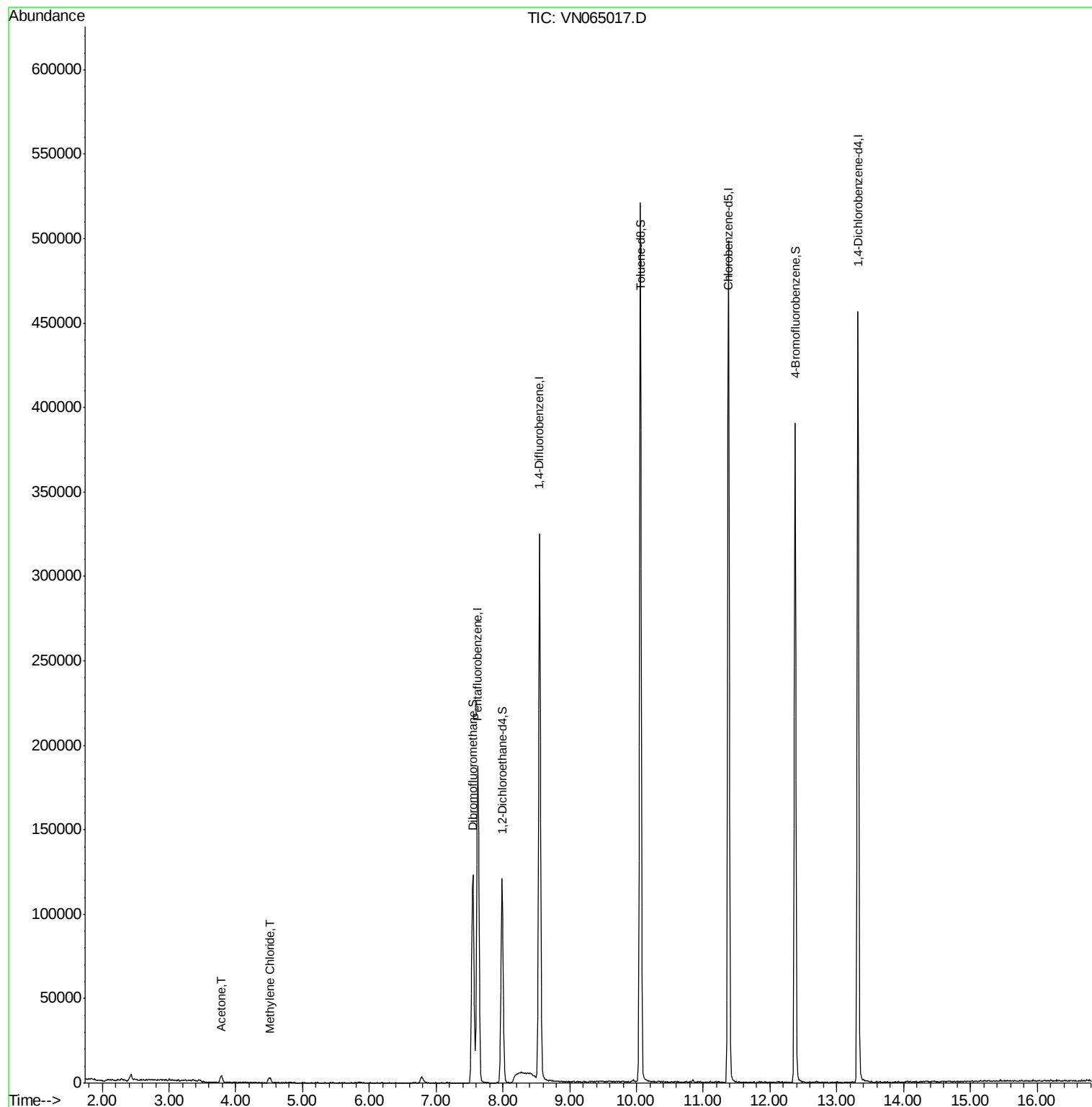
					Qvalue	
16) Acetone	3.78	43	7741	12.521	ug/l	91
20) Methylene Chloride	4.50	84	2643	1.364	ug/l	89

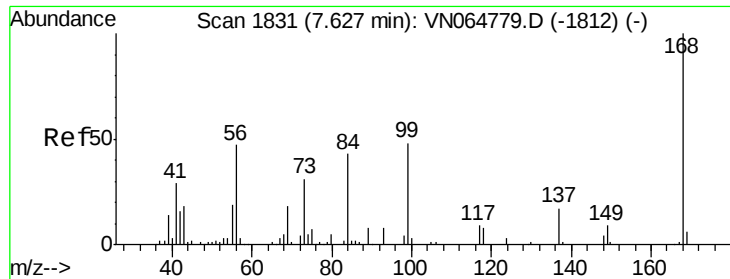
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065017.D

Acq: 9 Dec 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

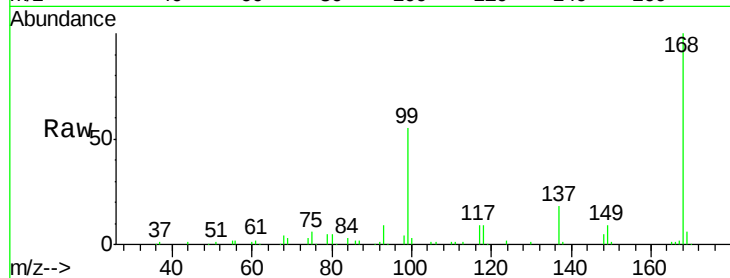
PB133473ZHE#18

Tot Ion:168 Resp: 161776

Ion Ratio Lower Upper

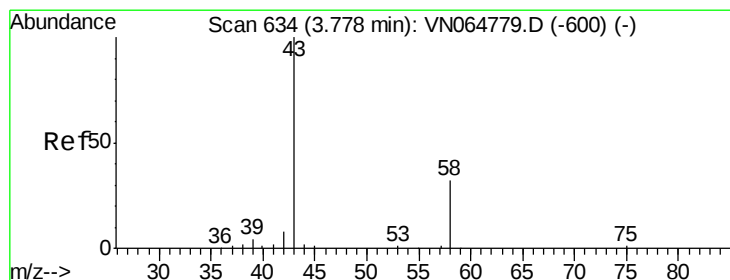
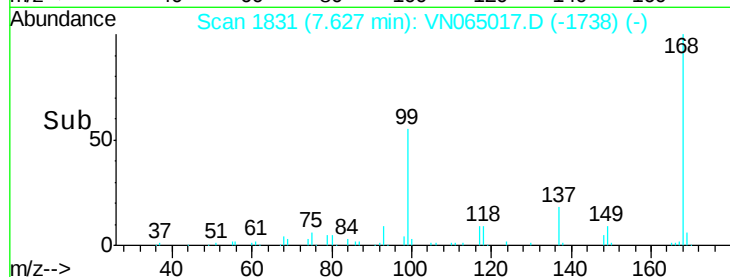
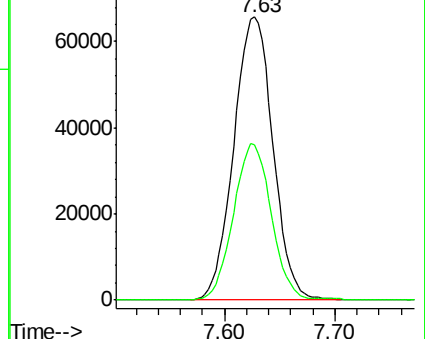
168 100

99 54.8 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 12.521 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN065017.D

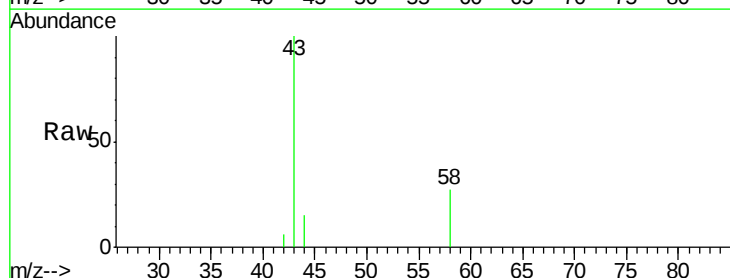
Acq: 9 Dec 2020 13:49

Tgt Ion: 43 Resp: 7741

Ion Ratio Lower Upper

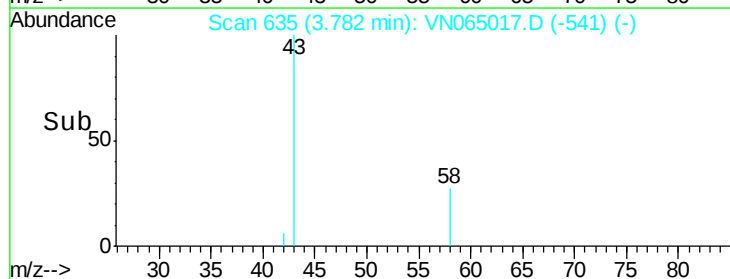
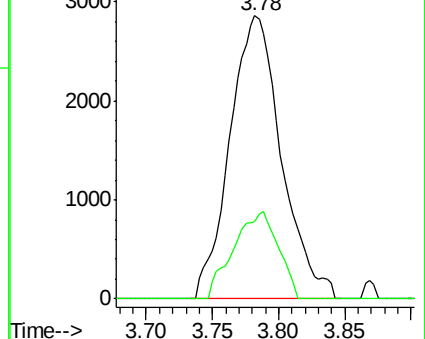
43 100

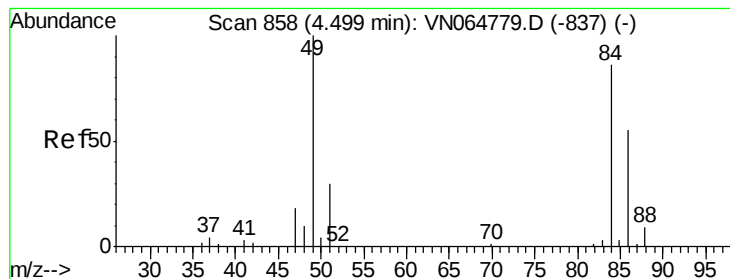
58 27.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.364 ug/l

RT: 4.50 min Scan# 859

Delta R.T. 0.00 min

Lab File: VN065017.D

Acq: 9 Dec 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

PB133473ZHE#18

Tot Ion: 84 Resp: 2643

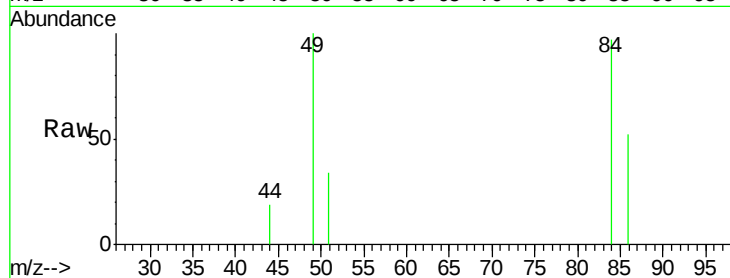
Ion Ratio Lower Upper

84 100

49 103.0 93.4 140.0

51 34.6 28.2 42.4

86 53.7 51.7 77.5

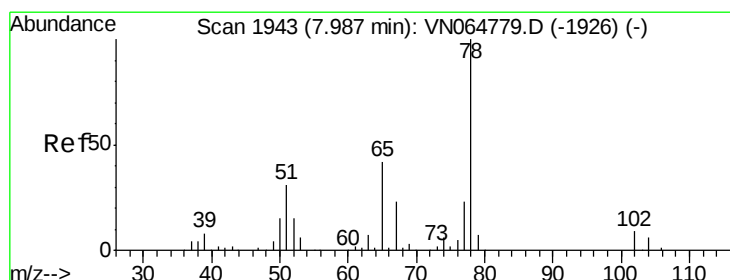
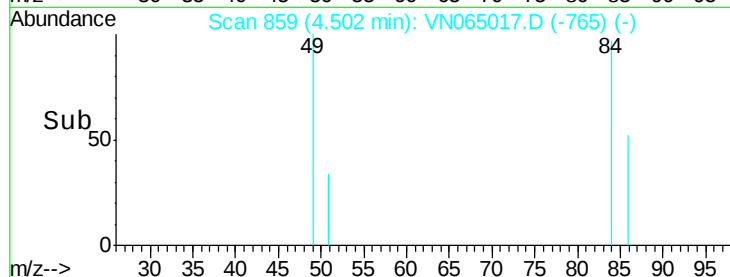
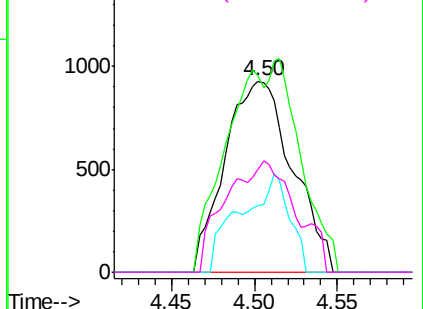


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 54.913 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065017.D

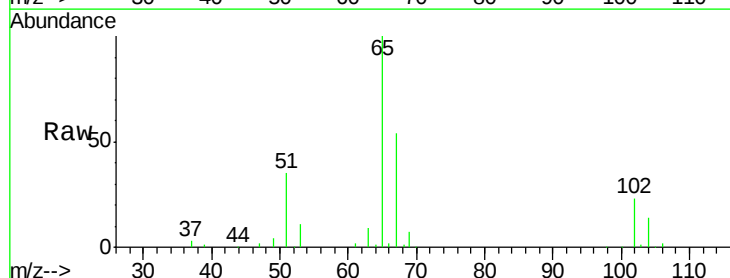
Acq: 9 Dec 2020 13:49

Tgt Ion: 65 Resp: 103278

Ion Ratio Lower Upper

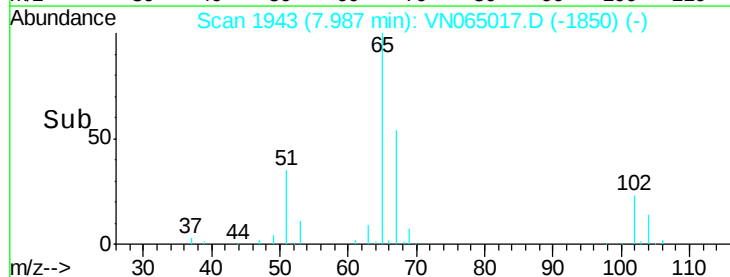
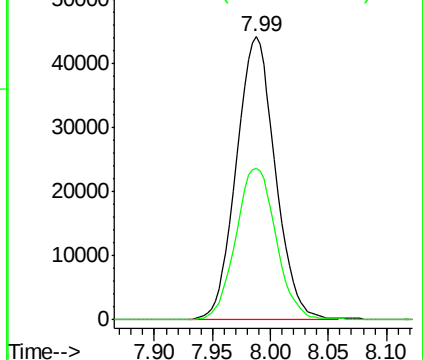
65 100

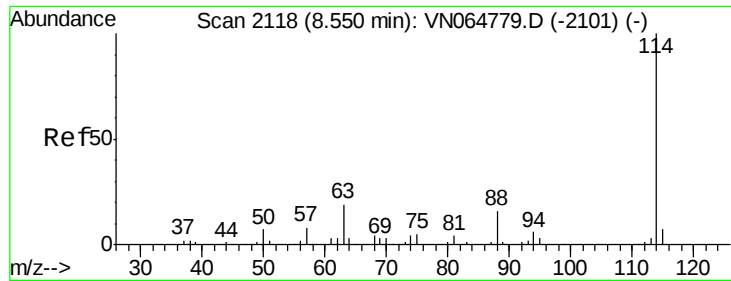
67 55.5 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

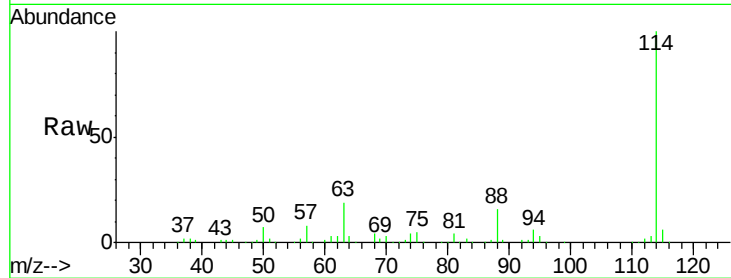




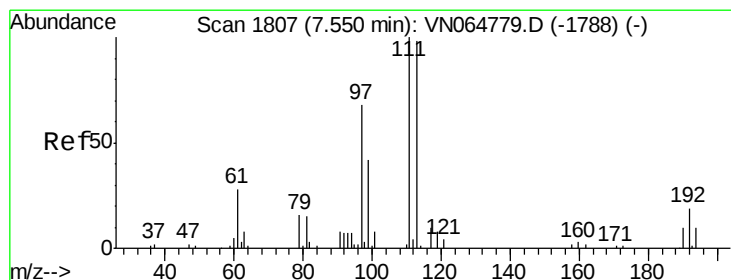
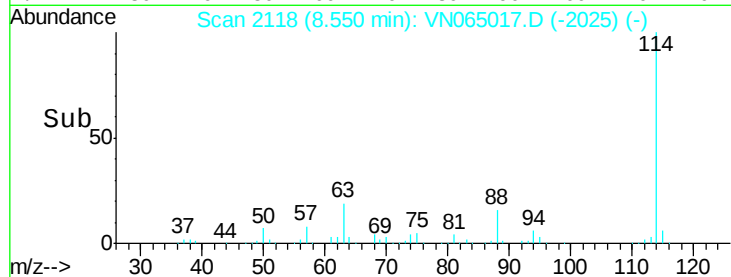
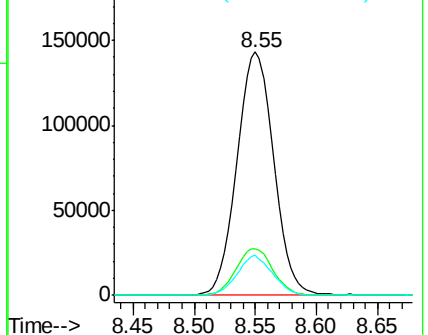
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065017.D
Acq: 9 Dec 2020 13:49

Instrument :
MSVOA_N
ClientSampleId :
PB133473ZHE#18

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	16.3	0.0	32.6

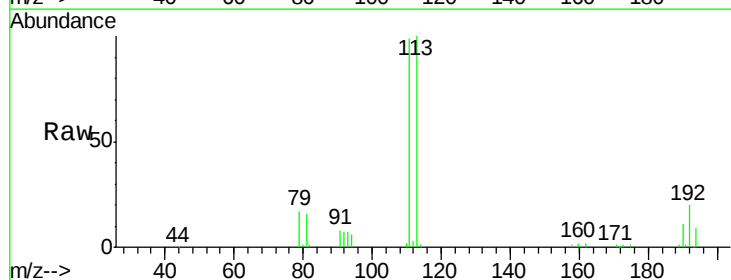


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

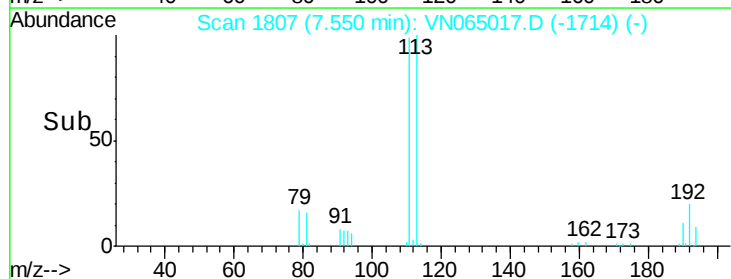
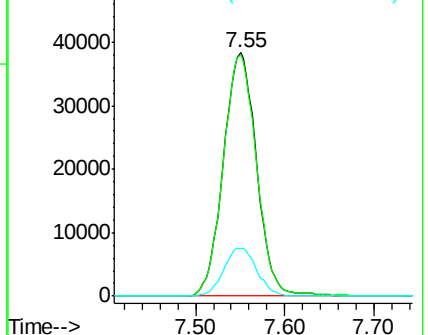


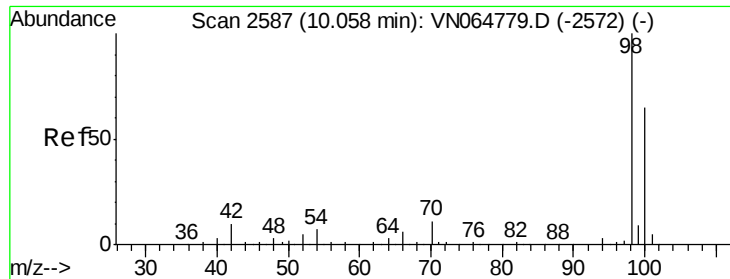
#35
Dibromofluoromethane
Concen: 55.165 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065017.D
Acq: 9 Dec 2020 13:49

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.5	81.6	122.4
192	19.6	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





#50

Toluene-d8

Concen: 51.167 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065017.D

Acq: 9 Dec 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

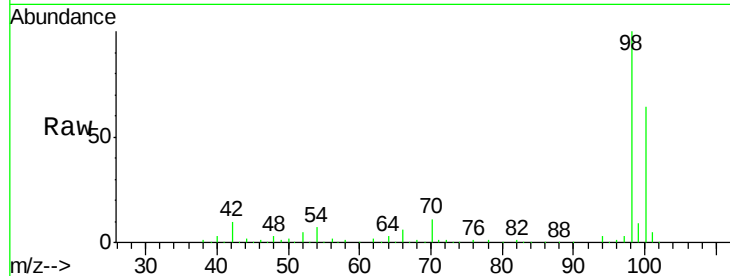
PB133473ZHE#18

Tot Ion: 98 Resp: 374057

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)

10.06

200000

150000

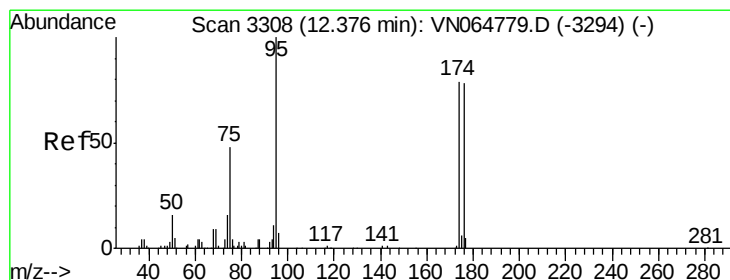
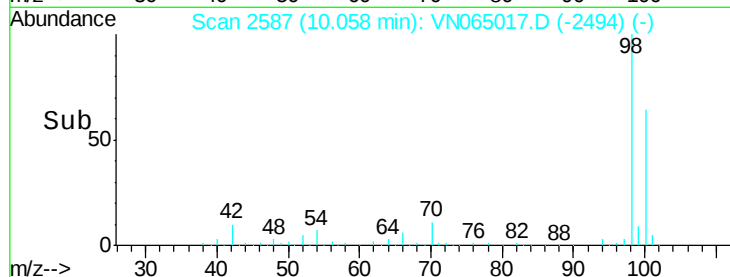
100000

50000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 53.655 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN065017.D

Acq: 9 Dec 2020 13:49

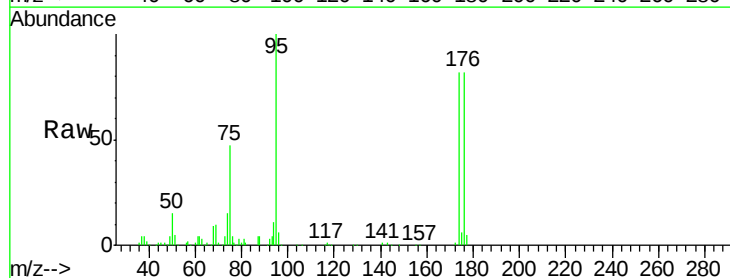
Tgt Ion: 95 Resp: 140376

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.4

176 80.3 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN064779.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN064779.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN064779.D (-3294) (-)

12.38

100000

80000

60000

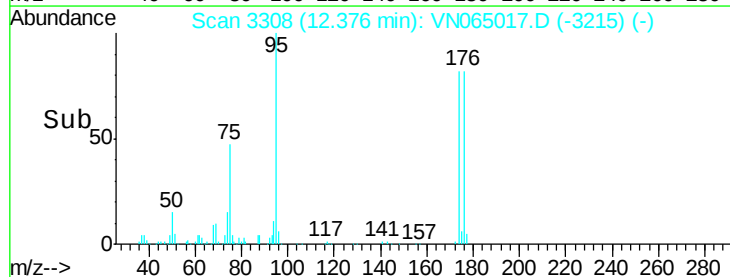
40000

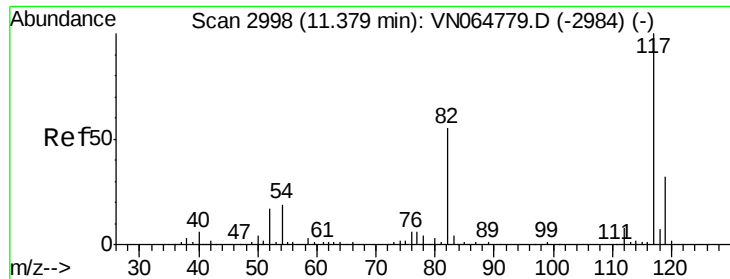
20000

0

12.30 12.35 12.40 12.45

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN065017.D

Acq: 9 Dec 2020 13:49

Instrument :

MSVOA_N

ClientSampleId :

PB133473ZHE#18

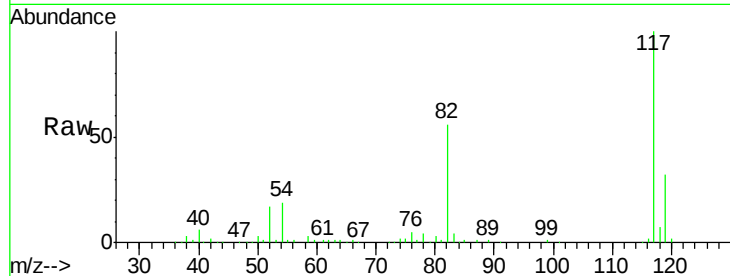
Tot Ion:117 Resp: 306341

Ion Ratio Lower Upper

117 100

82 55.8 44.2 66.2

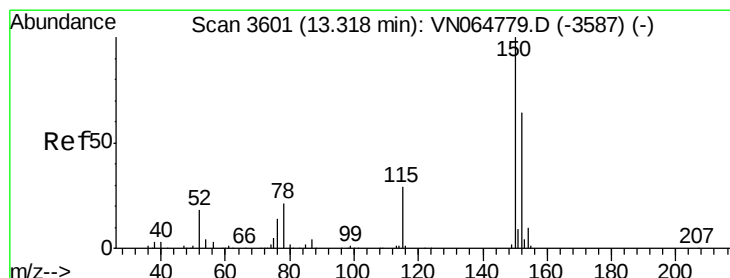
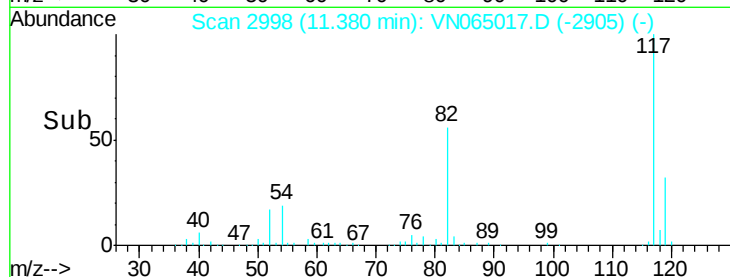
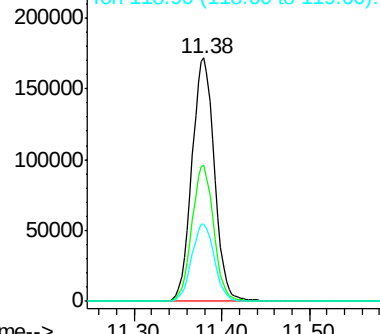
119 31.8 25.8 38.6



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: VN065017.D

Acq: 9 Dec 2020 13:49

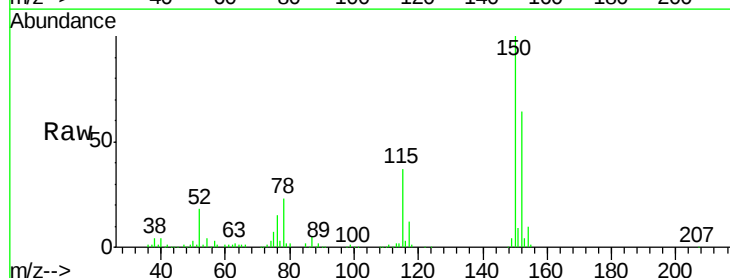
Tgt Ion:152 Resp: 133699

Ion Ratio Lower Upper

152 100

115 58.4 29.7 89.1

150 156.0 0.0 350.6



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

