

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064979.D
 Acq On : 8 Dec 2020 19:02
 Operator : JC/MD
 Sample : PB133456ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#16

Quant Time: Dec 09 07:31:01 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	164691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	315747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	328810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	138995	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	103551	54.08	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	108.16%	
35) Dibromofluoromethane		7.55	113	96547	51.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.20%	
50) Toluene-d8		10.06	98	388813	50.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.74%	
62) 4-Bromofluorobenzene		12.37	95	147369	53.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.68%	

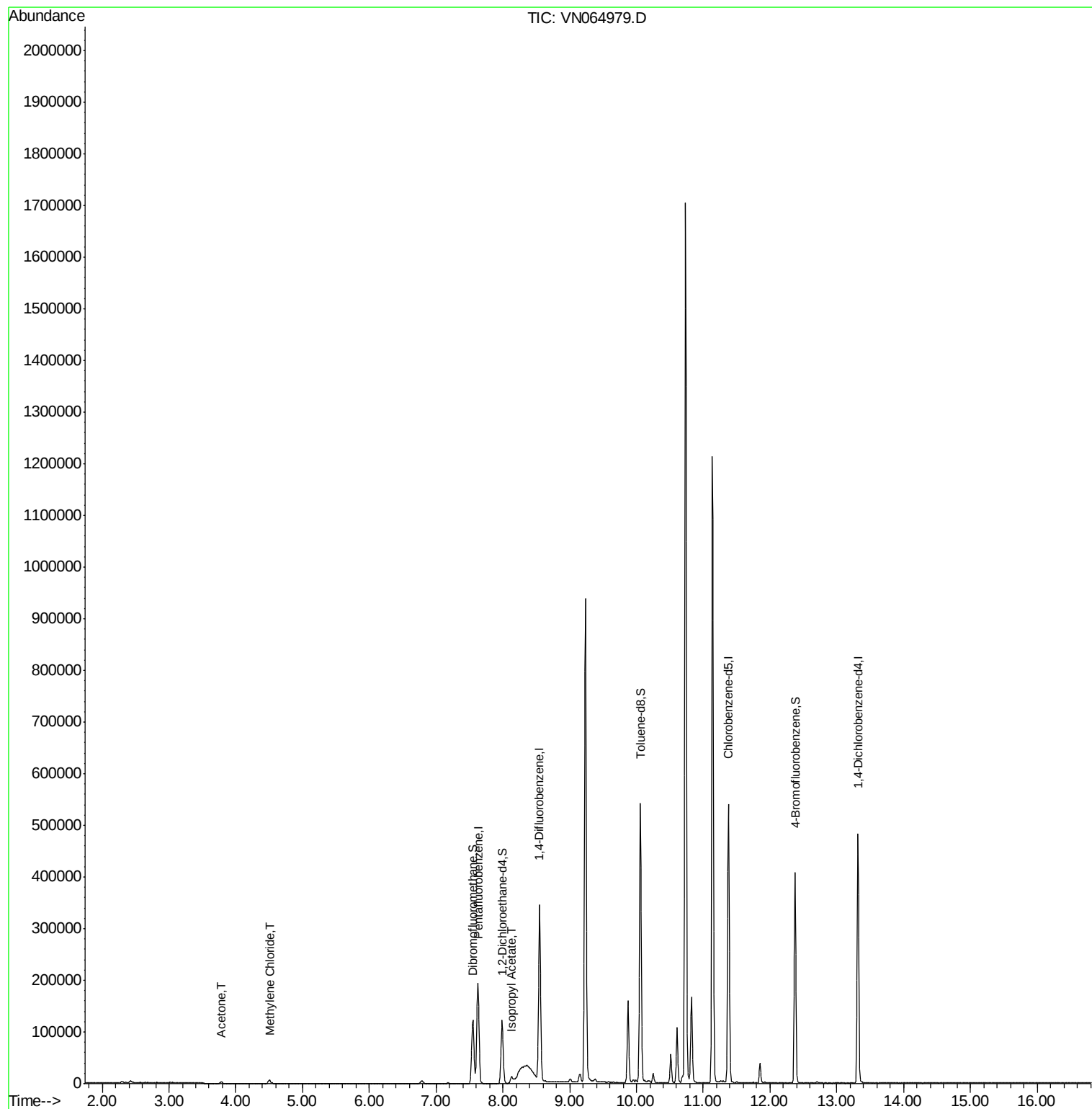
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5468	8.688	ug/l	99
20) Methylene Chloride	4.50	84	5262	2.668	ug/l	94
43) Isopropyl Acetate	8.13	43	18096	3.989	ug/l #	91

(#) = 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: VN064979.D

Acq: 8 Dec 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

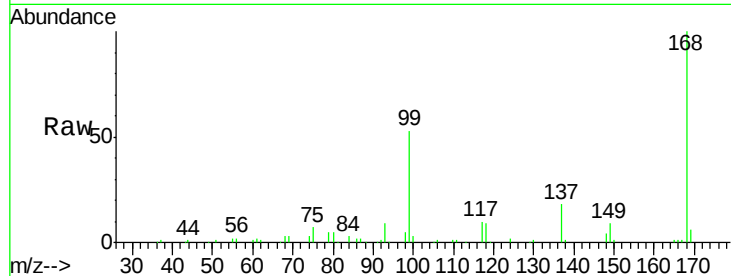
PB133456ZHE#16

Tot Ion:168 Resp: 164691

Ion Ratio Lower Upper

168 100

99 53.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

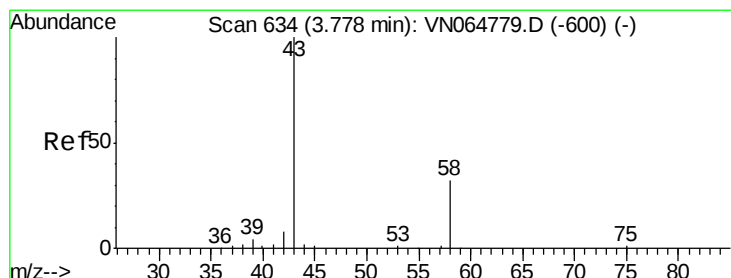
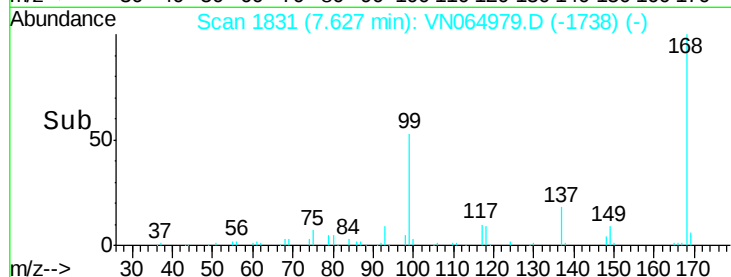
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.688 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064979.D

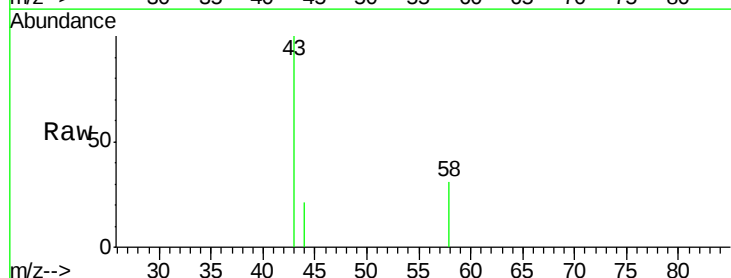
Acq: 8 Dec 2020 19:02

Tgt Ion: 43 Resp: 5468

Ion Ratio Lower Upper

43 100

58 31.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

2000

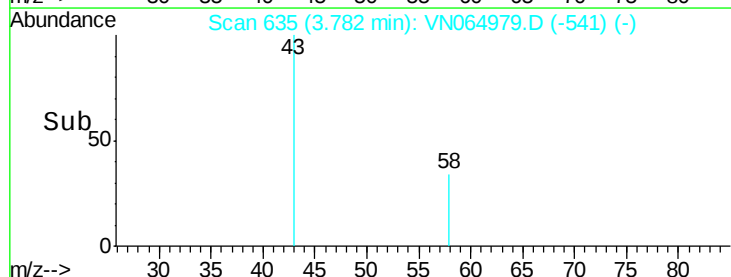
1500

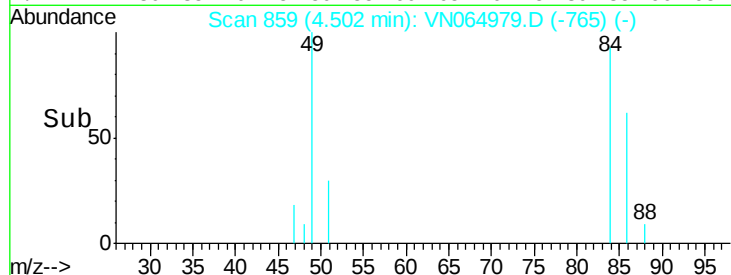
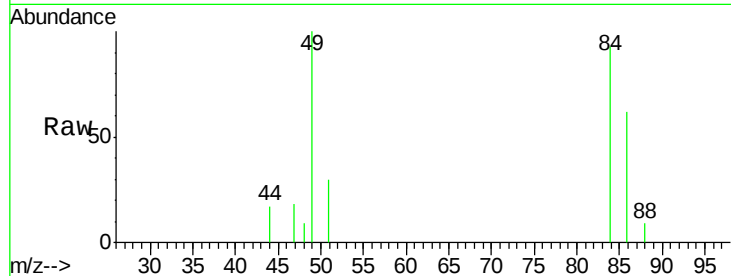
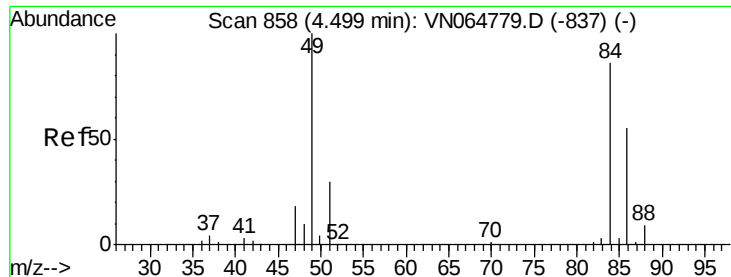
1000

500

0

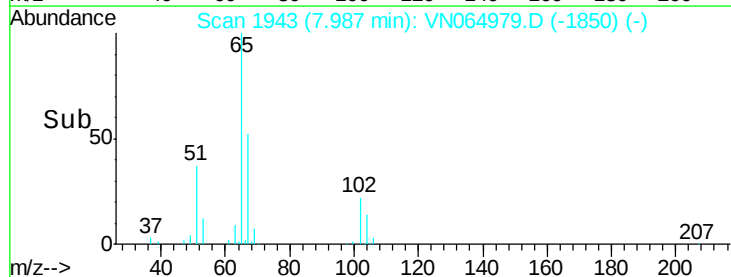
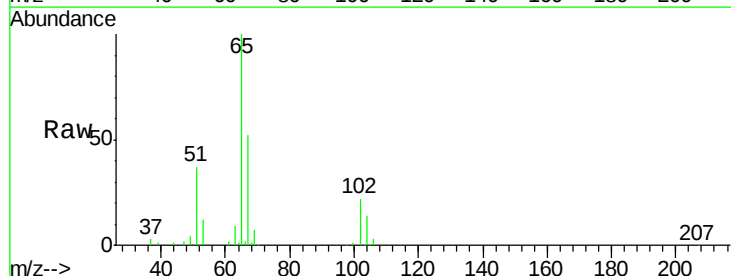
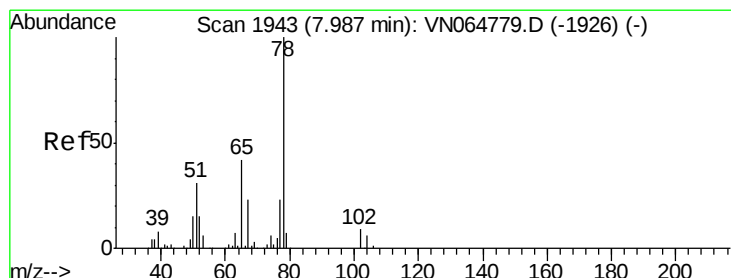
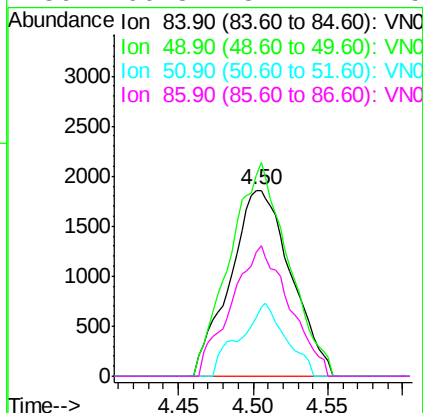
Time--> 3.70 3.75 3.80 3.85





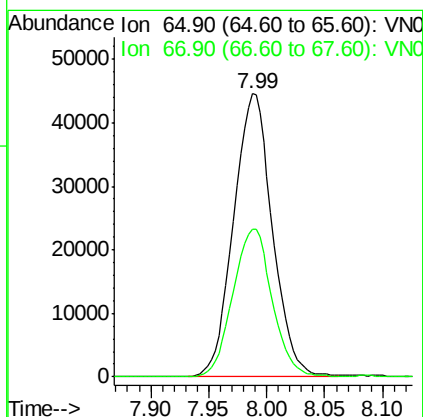
#20
Methvlene Chloride
Concen: 2.668 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064979.D
Acq: 8 Dec 2020 19:02

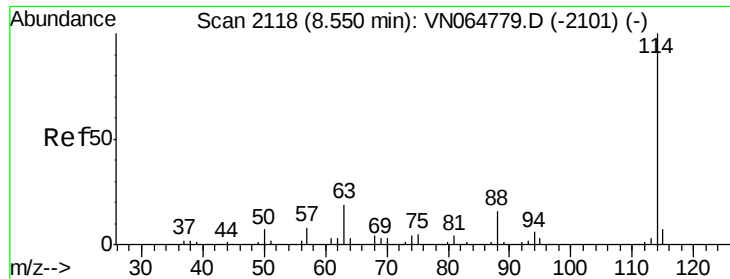
Tot Ion: 84 Resp: 5262
Ion Ratio Lower Upper
84 100
49 108.0 93.4 140.0
51 32.0 28.2 42.4
86 66.8 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: 54.084 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064979.D
Acq: 8 Dec 2020 19:02

Tgt Ion: 65 Resp: 103551
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

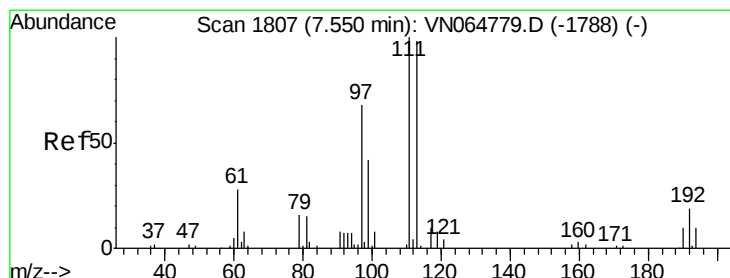
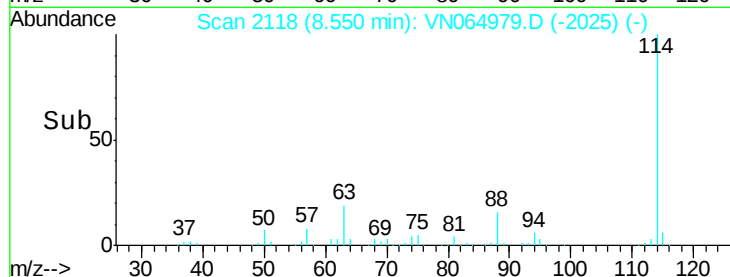
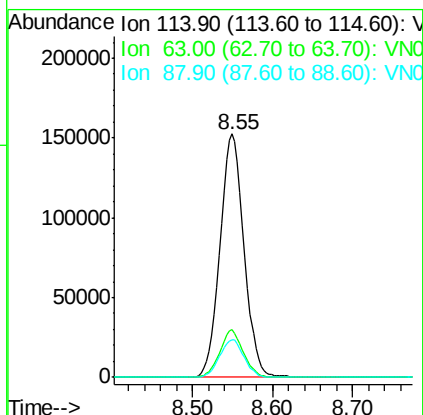
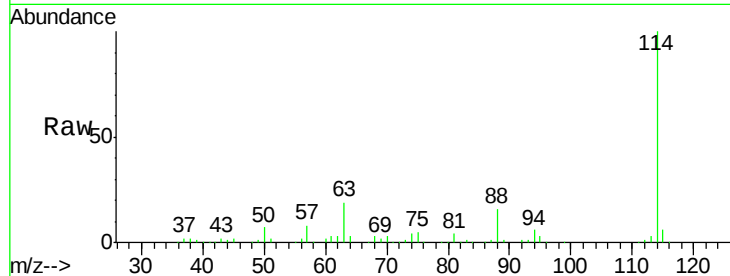




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064979.D
 Acq: 8 Dec 2020 19:02

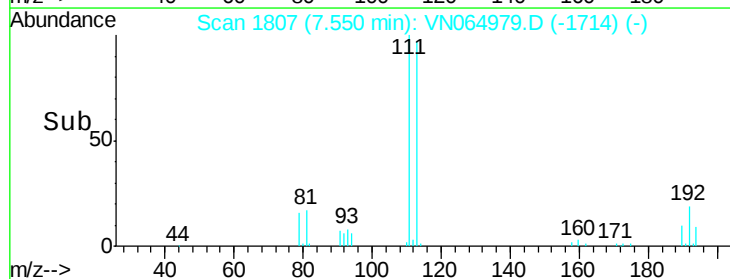
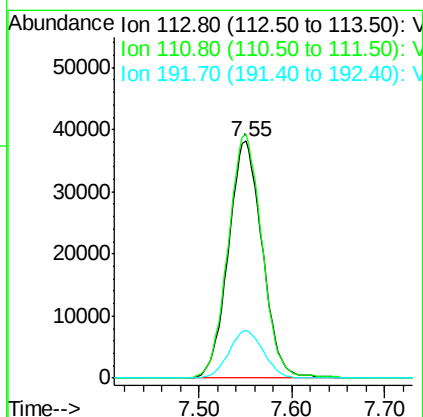
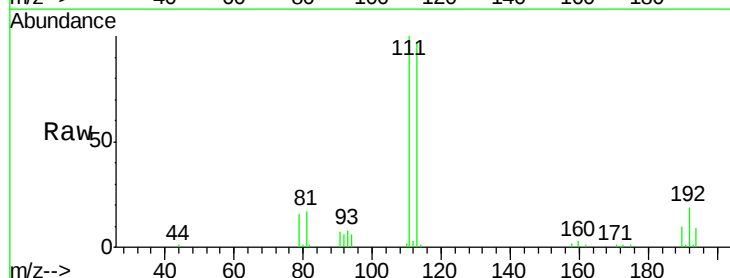
Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#16

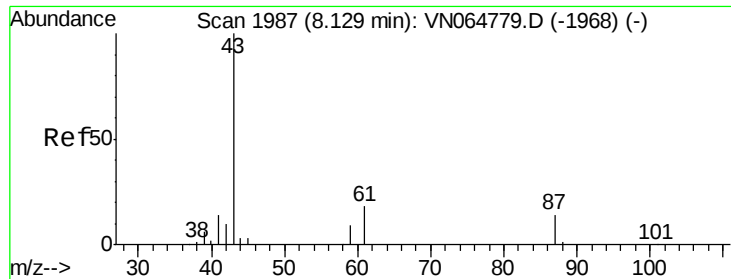
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.101 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064979.D
 Acq: 8 Dec 2020 19:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	20.2	16.2	24.2





#43

Isopropyl Acetate

Concen: 3.989 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064979.D

Acq: 8 Dec 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#16

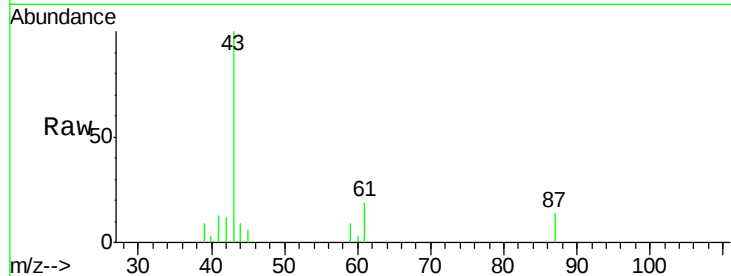
Tot Ion: 43 Resp: 18096

Ion Ratio Lower Upper

43 100

61 16.7 17.2 25.8#

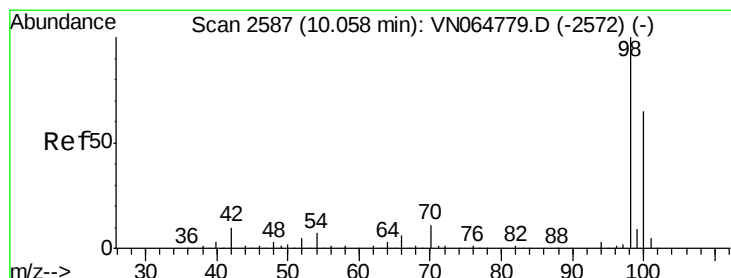
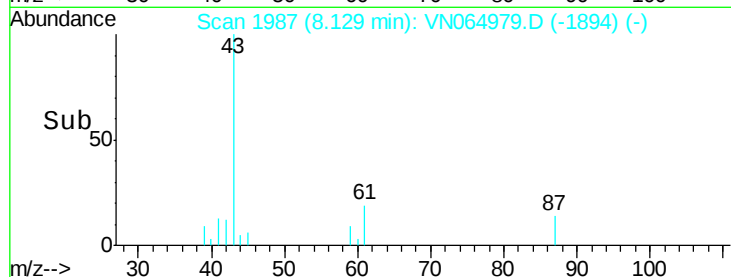
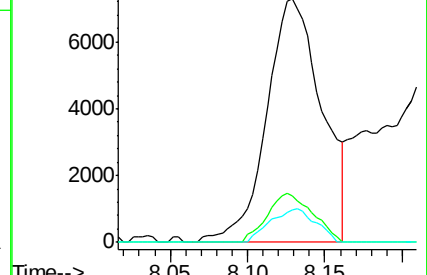
87 11.2 11.4 17.0#



Abundance Ion 43.00 (42.70 to 43.70): VN064979.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064979.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064979.D (-1968) (-)



#50

Toluene-d8

Concen: 50.367 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064979.D

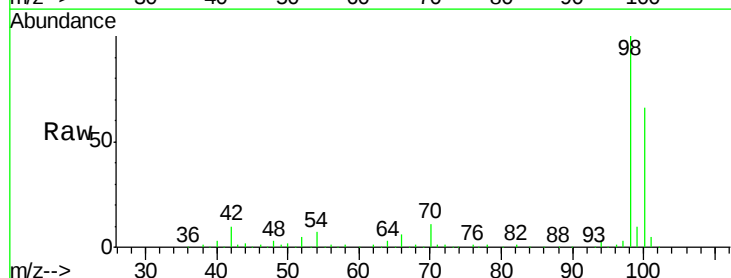
Acq: 8 Dec 2020 19:02

Tgt Ion: 98 Resp: 388813

Ion Ratio Lower Upper

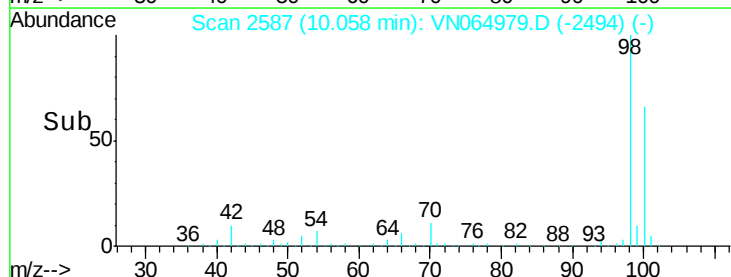
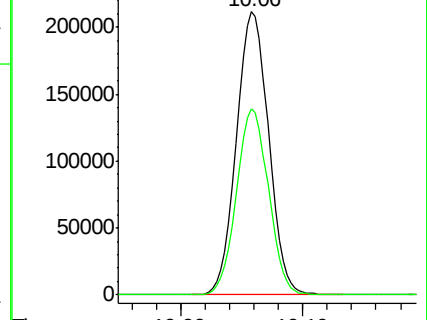
98 100

100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064979.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064979.D (-2572) (-)





#62

4-Bromofluorobenzene

Concen: 53.342 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064979.D

Acq: 8 Dec 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#16

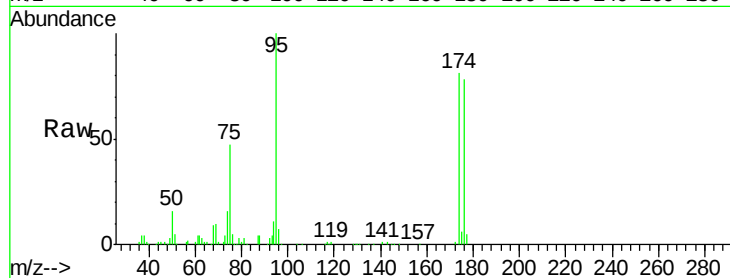
Tot Ion: 95 Resp: 147369

Ion Ratio Lower Upper

95 100

174 82.6 0.0 160.4

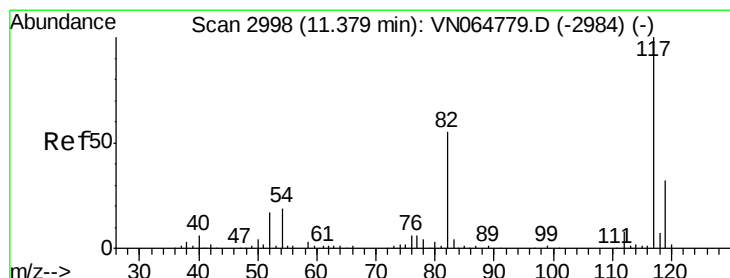
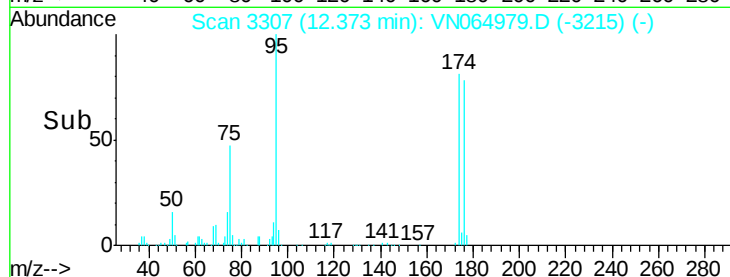
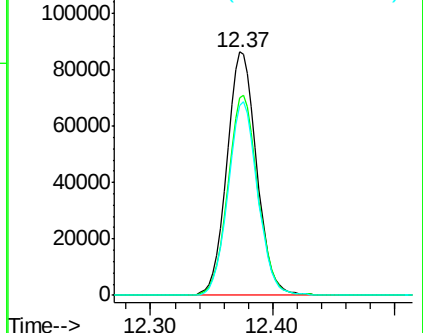
176 78.8 0.0 158.4



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064979.D

Acq: 8 Dec 2020 19:02

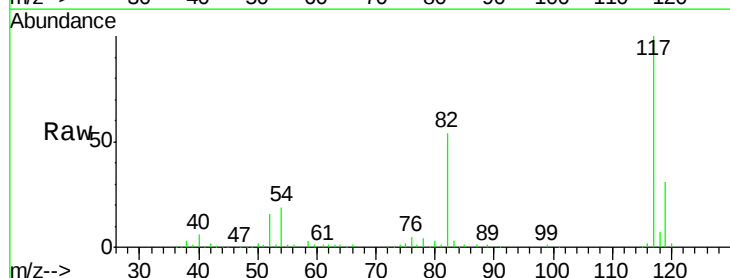
Tgt Ion: 117 Resp: 328810

Ion Ratio Lower Upper

117 100

82 53.9 44.2 66.2

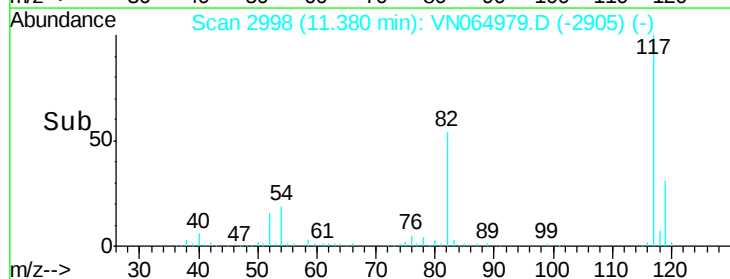
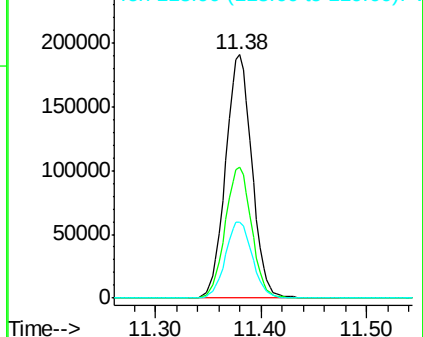
119 31.3 25.8 38.6

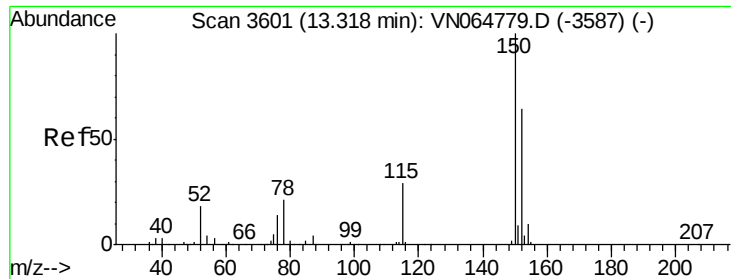


Abundance Ion 116.90 (116.60 to 117.60): VN064779.D (-2984) (-)

Ion 82.00 (81.70 to 82.70): VN064779.D (-2984) (-)

Ion 118.90 (118.60 to 119.60): VN064779.D (-2984) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064979.D

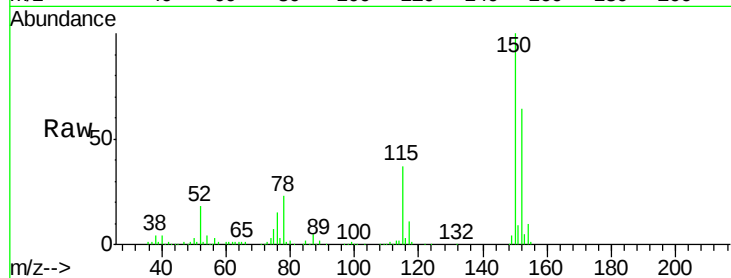
Acq: 8 Dec 2020 19:02

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#16



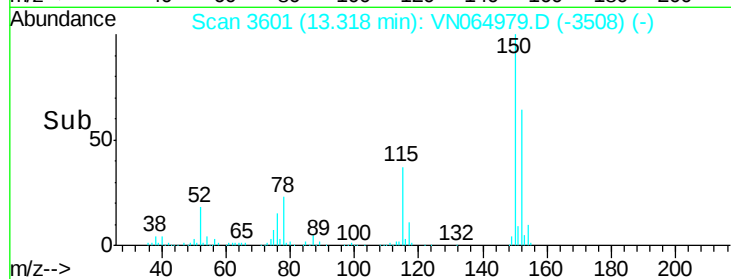
Tot Ion:152 Resp: 138995

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

150 157.0 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

