

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064978.D
 Acq On : 8 Dec 2020 18:38
 Operator : JC/MD
 Sample : PB133456ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#15

Quant Time: Dec 09 07:29:46 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	171881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	333284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	346279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142713	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	109655	54.88	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.76%	
35) Dibromofluoromethane		7.55	113	100840	50.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.14%	
50) Toluene-d8		10.06	98	412698	50.65	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.30%	
62) 4-Bromofluorobenzene		12.38	95	155088	53.18	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.36%	

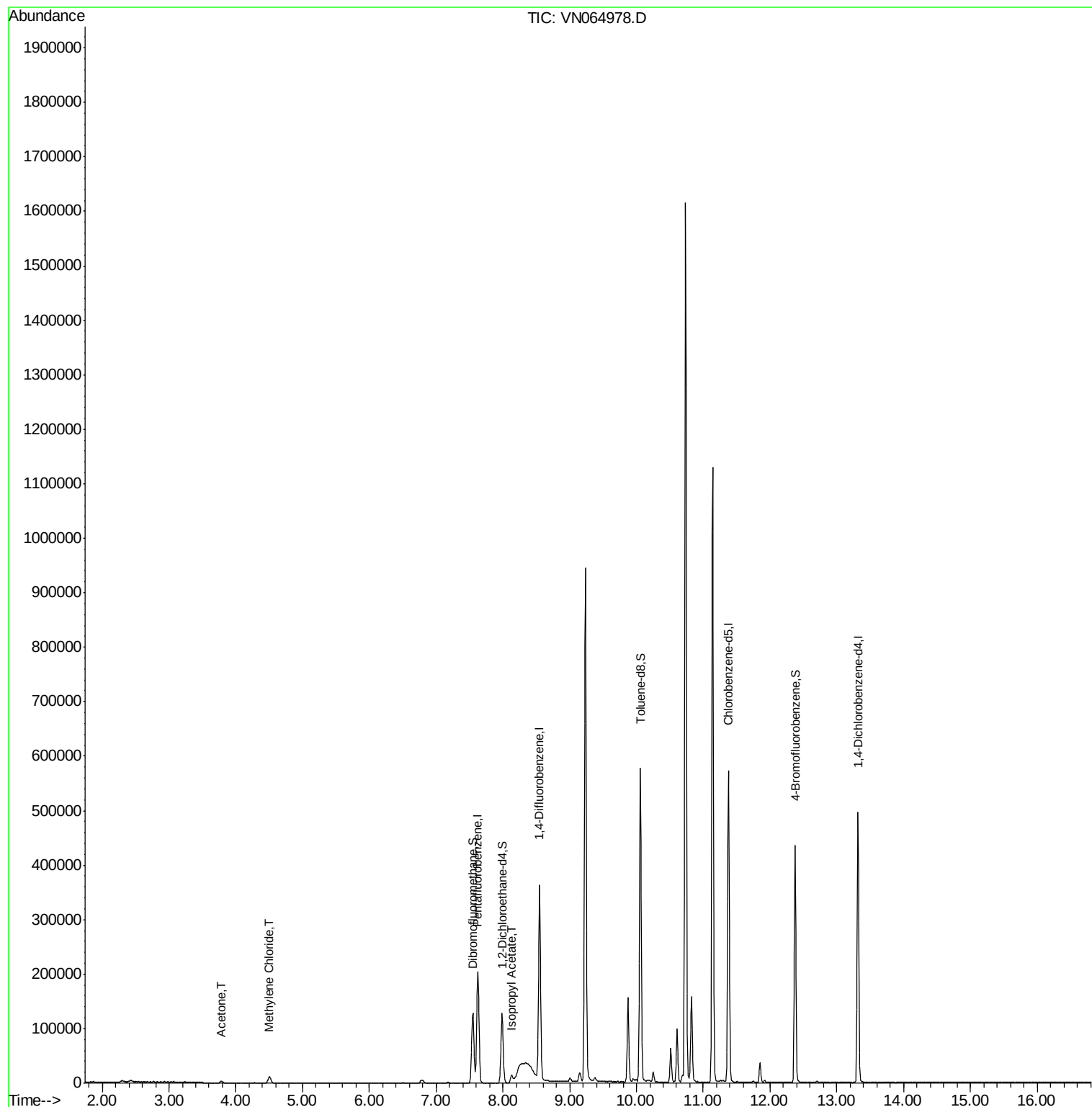
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	6211	9.455	ug/l	95
20) Methylene Chloride	4.50	84	9320	4.528	ug/l	97
43) Isopropyl Acetate	8.13	43	19342	4.039	ug/l #	90

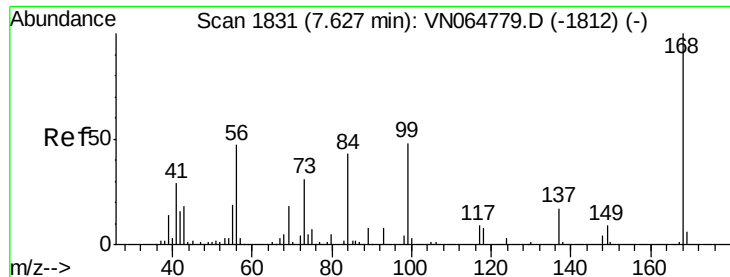
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN064978.D

Acq: 8 Dec 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

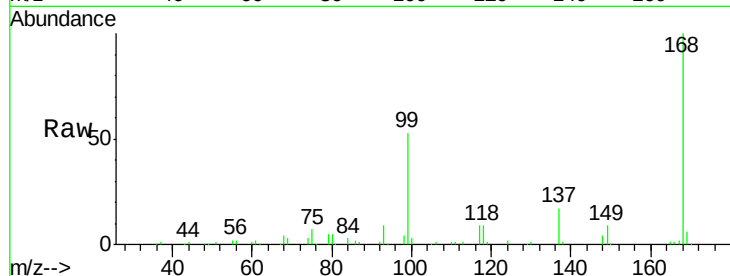
PB133456ZHE#15

Tot Ion:168 Resp: 171881

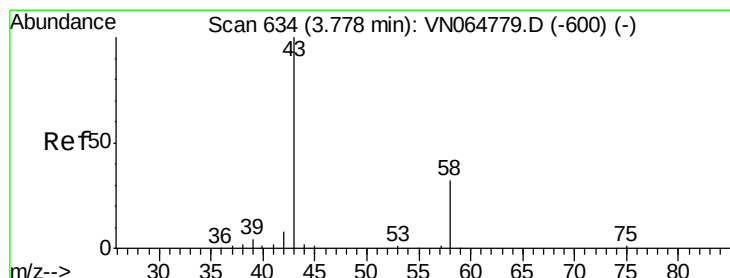
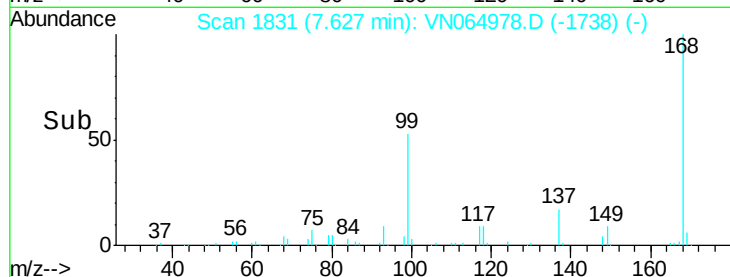
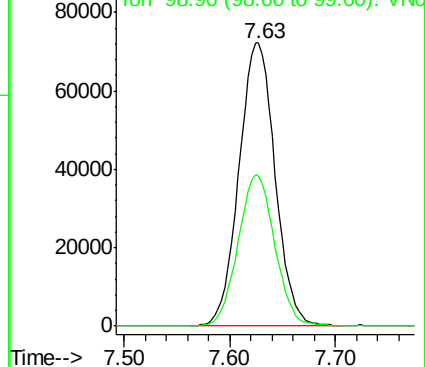
Ion Ratio Lower Upper

168 100

99 53.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064978.D (-1738) (-)



#16

Acetone

Concen: 9.455 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN064978.D

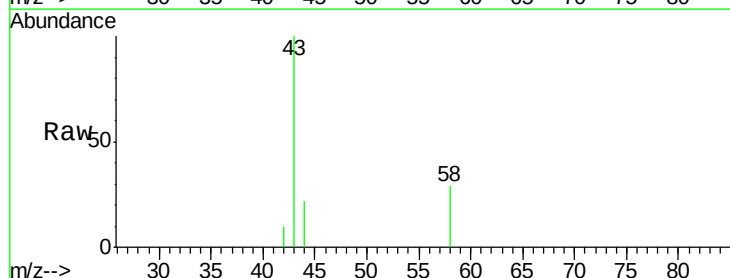
Acq: 8 Dec 2020 18:38

Tgt Ion: 43 Resp: 6211

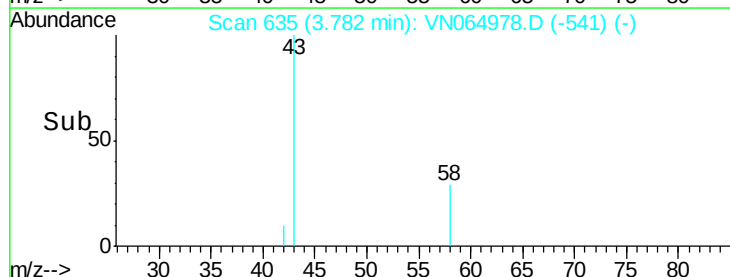
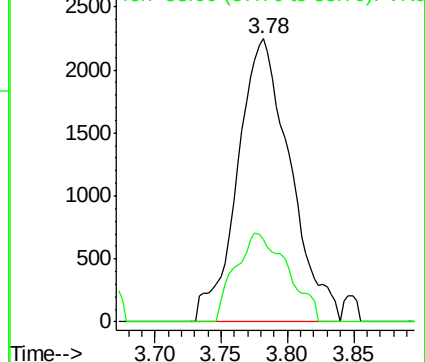
Ion Ratio Lower Upper

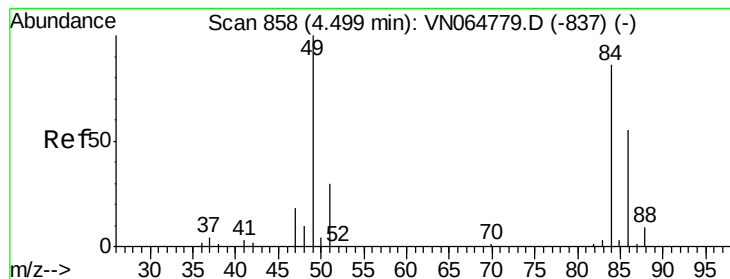
43 100

58 29.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064978.D (-541) (-)





#20

Methylene Chloride

Concen: 4.528 ug/l

RT: 4.50 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN064978.D

Acq: 8 Dec 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#15

Tot Ion: 84 Resp: 9320

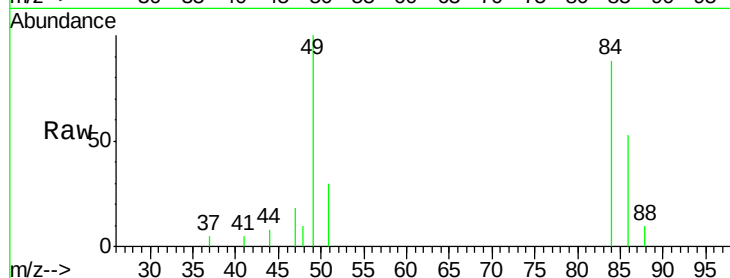
Ion Ratio Lower Upper

84 100

49 114.0 93.4 140.0

51 34.5 28.2 42.4

86 60.6 51.7 77.5

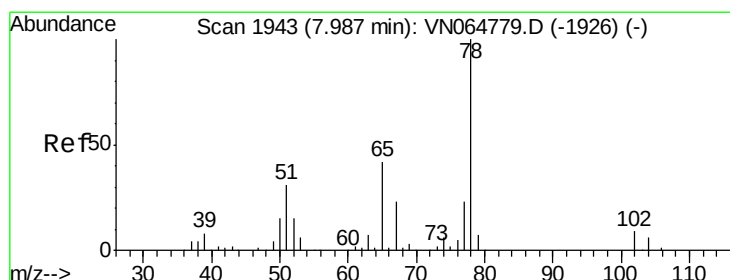
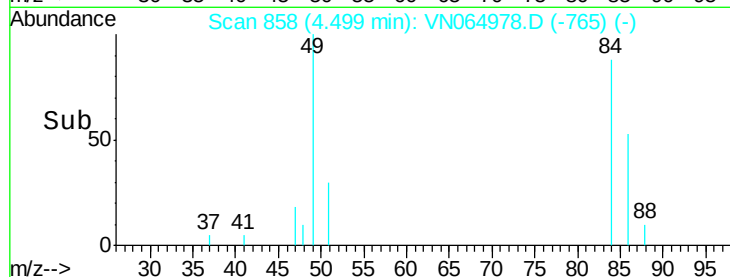
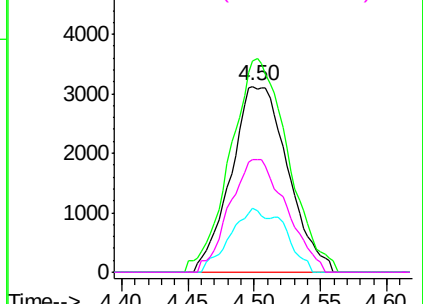


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 54.876 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064978.D

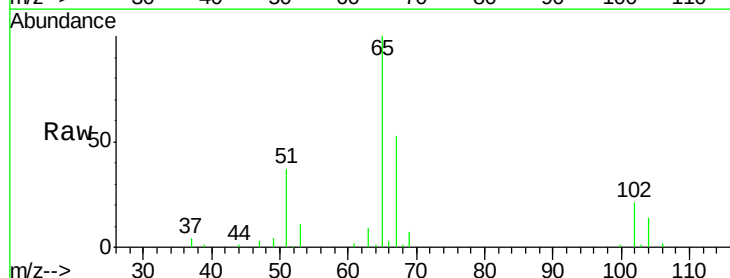
Acq: 8 Dec 2020 18:38

Tgt Ion: 65 Resp: 109655

Ion Ratio Lower Upper

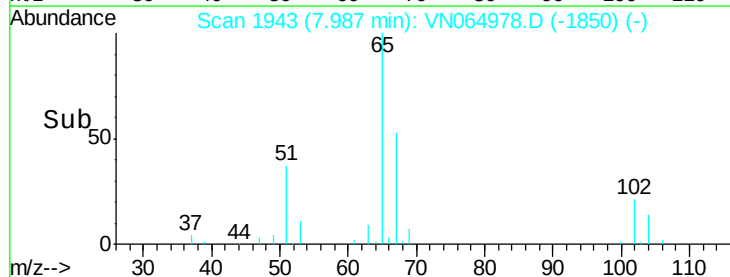
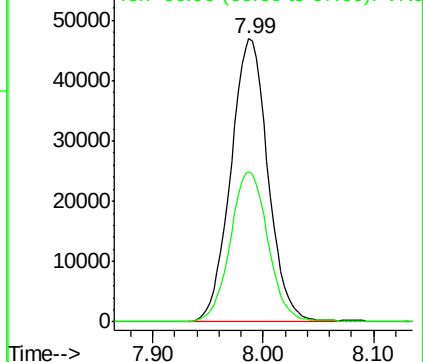
65 100

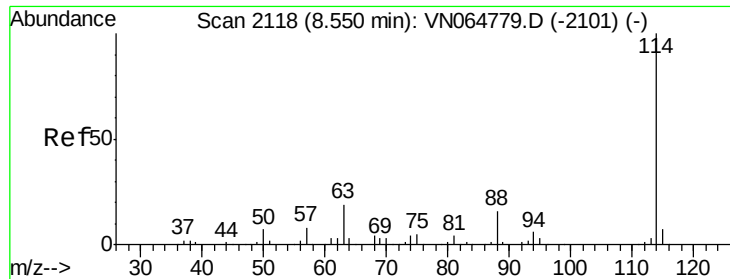
67 53.8 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

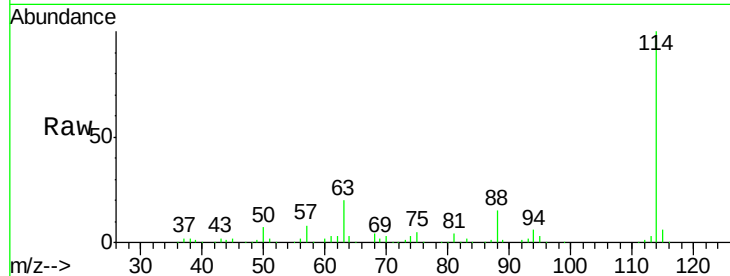




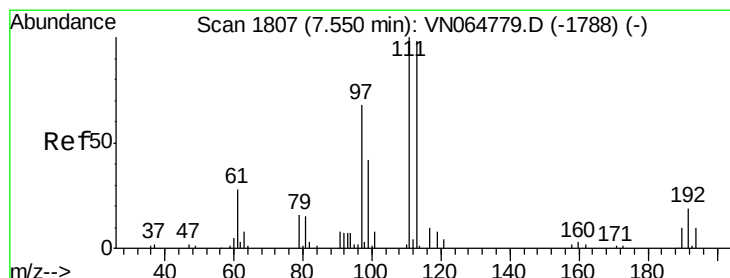
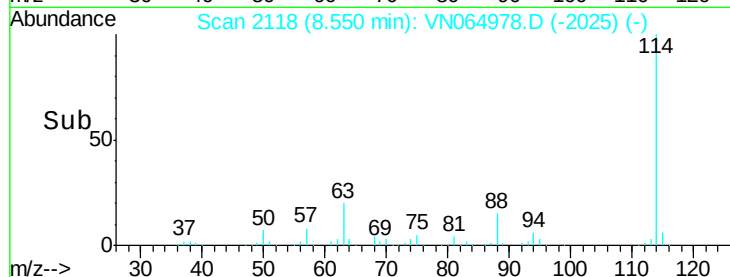
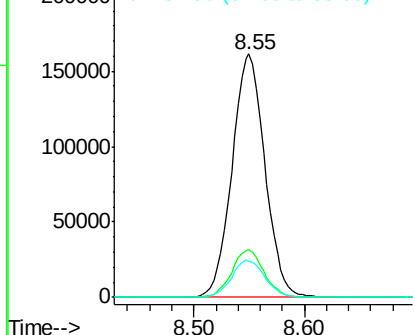
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064978.D
Acq: 8 Dec 2020 18:38

Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#15

Tot Ion:114 Resp: 333284
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.1 0.0 32.6

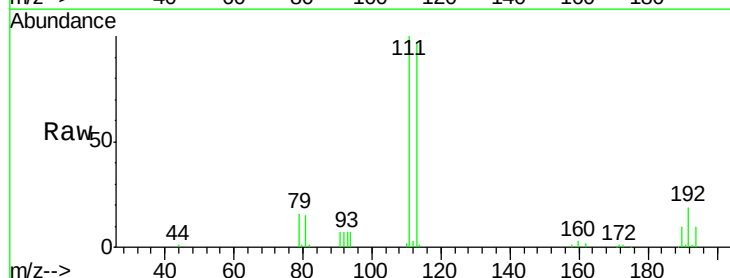


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

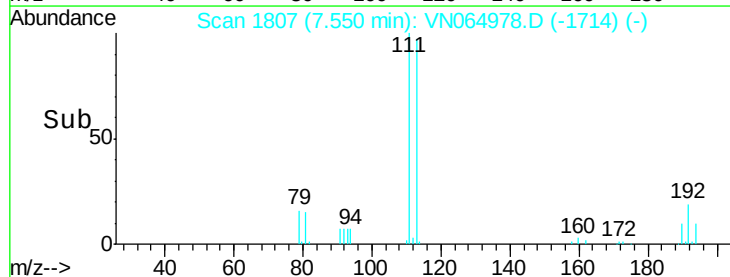
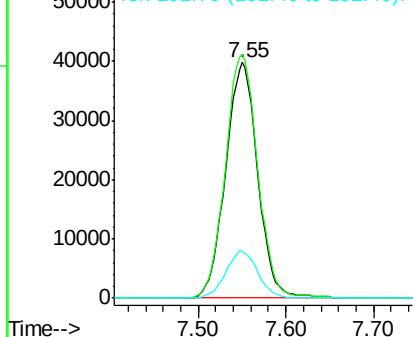


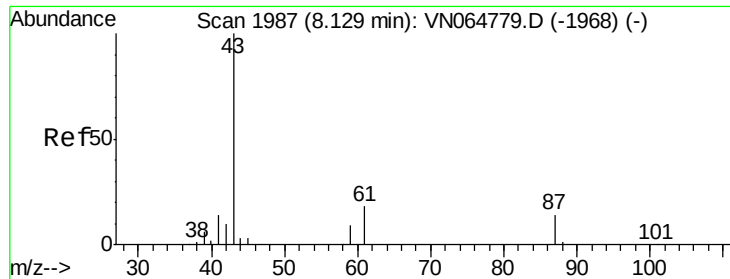
#35
Dibromofluoromethane
Concen: 50.565 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064978.D
Acq: 8 Dec 2020 18:38

Tgt Ion:113 Resp: 100840
Ion Ratio Lower Upper
113 100
111 104.4 81.6 122.4
192 20.0 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





#43

Isopropyl Acetate

Concen: 4.039 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064978.D

Acq: 8 Dec 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#15

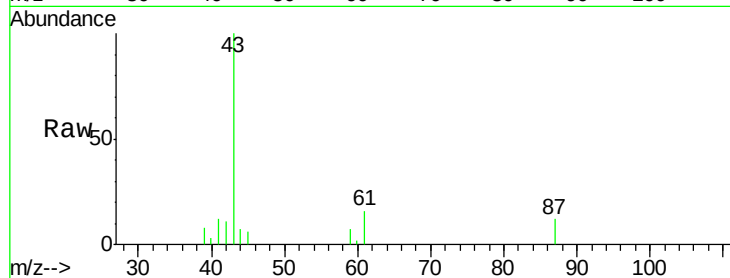
Tot Ion: 43 Resp: 19342

Ion Ratio Lower Upper

43 100

61 16.6 17.2 25.8#

87 10.6 11.4 17.0#

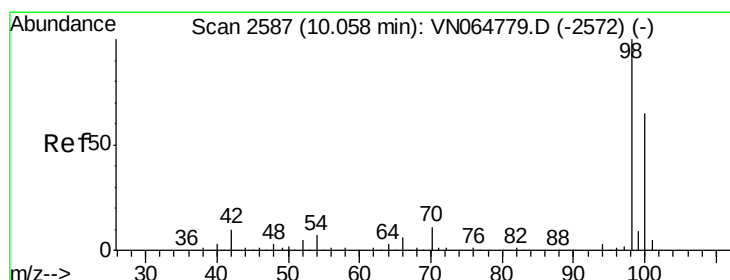
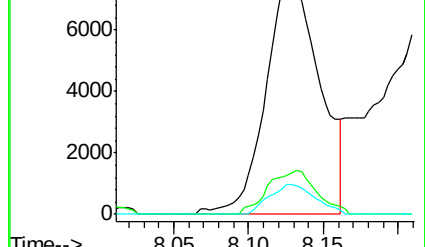
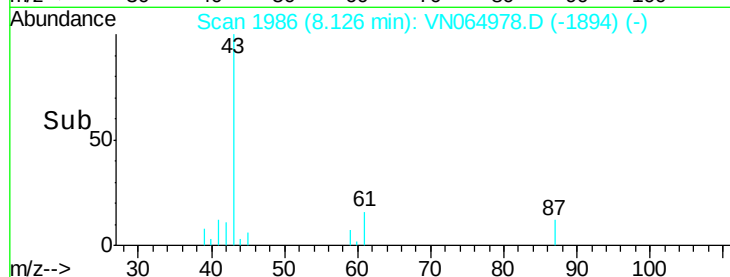


Abundance Ion 43.00 (42.70 to 43.70): VN064978.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064978.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064978.D (-1968) (-)

Time-->



#50

Toluene-d8

Concen: 50.648 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064978.D

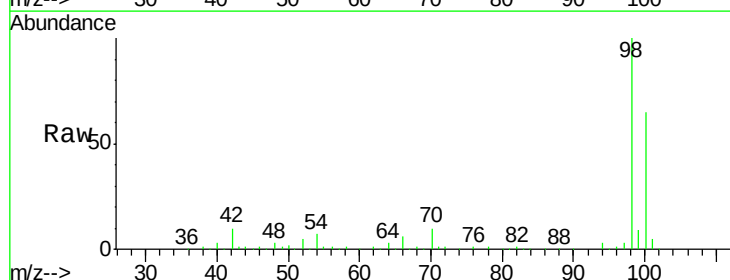
Acq: 8 Dec 2020 18:38

Tgt Ion: 98 Resp: 412698

Ion Ratio Lower Upper

98 100

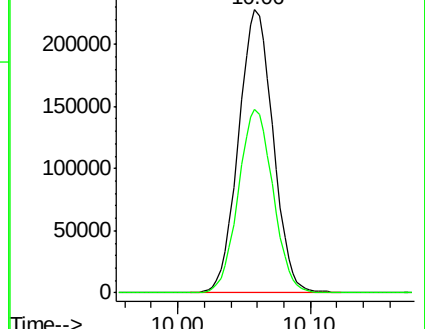
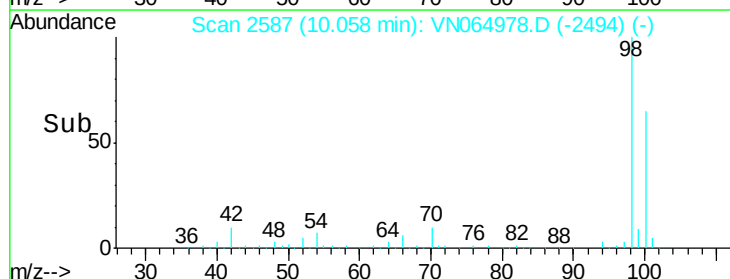
100 65.1 51.7 77.5

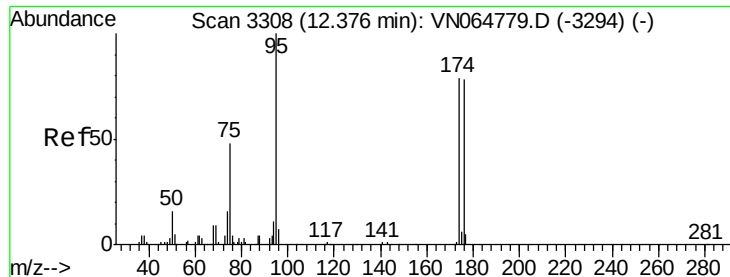


Abundance Ion 98.00 (97.70 to 98.70): VN064978.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064978.D (-2572) (-)

Time-->

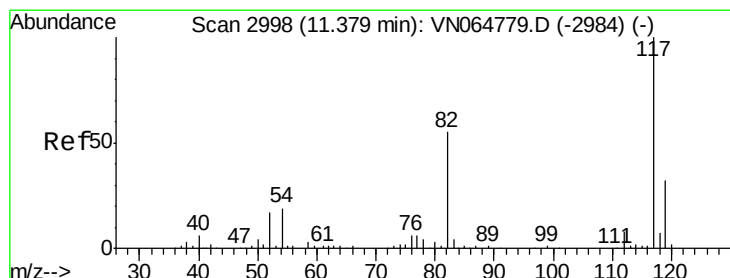
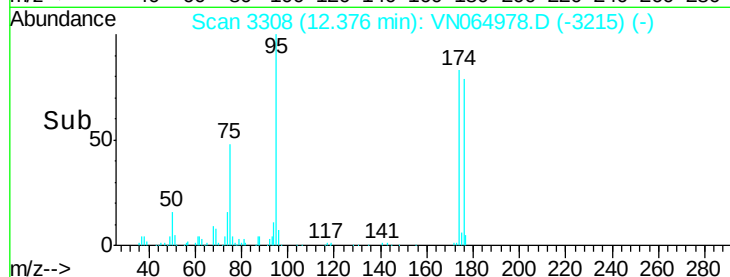
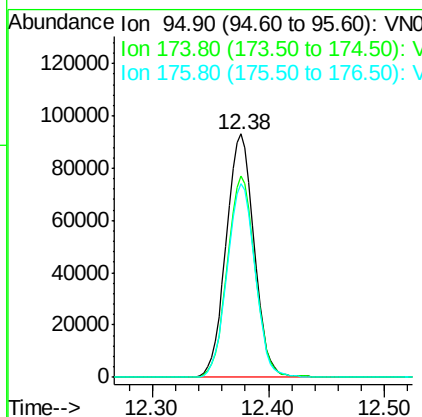
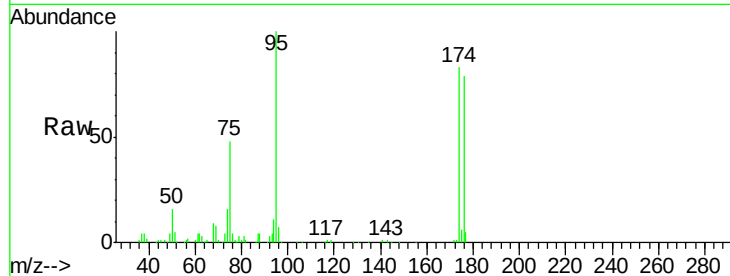




#62
4-Bromofluorobenzene
Concen: 53.182 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064978.D
Acq: 8 Dec 2020 18:38

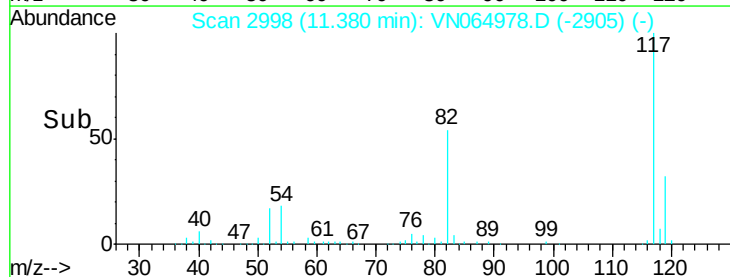
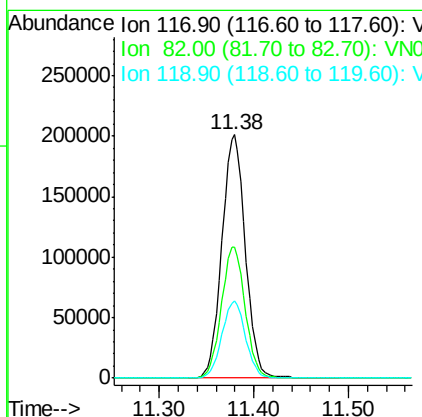
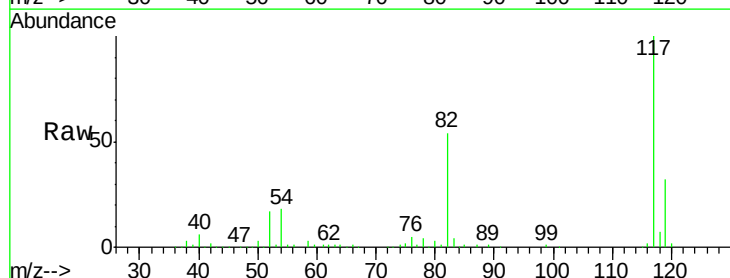
Instrument :
MSVOA_N
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PB133456ZHE#15

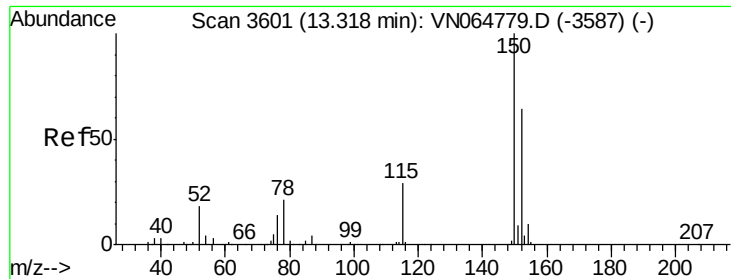
Tot Ion: 95 Resp: 155088
Ion Ratio Lower Upper
95 100
174 82.1 0.0 160.4
176 79.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064978.D
Acq: 8 Dec 2020 18:38

Tgt Ion: 117 Resp: 346279
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 31.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064978.D

Acq: 8 Dec 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#15

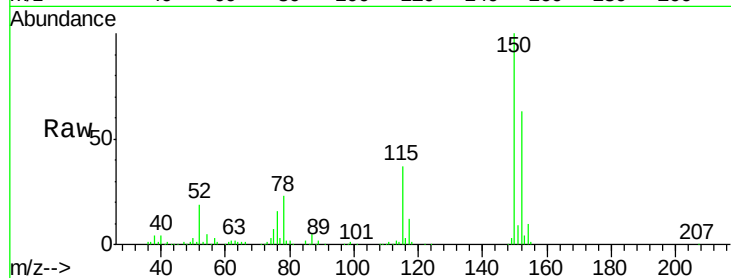
Tot Ion:152 Resp: 142713

Ion Ratio Lower Upper

152 100

115 58.9 29.7 89.1

150 158.6 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

