

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120820\
 Data File : VN064965.D
 Acq On : 8 Dec 2020 13:25
 Operator : JC/MD
 Sample : PB133456ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133456ZHE#02

Quant Time: Dec 09 07:09:04 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	7.62	168	179240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	321980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	348565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147426	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	111761	53.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	107.26%	
35) Dibromofluoromethane		7.55	113	102491	53.20	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.40%	
50) Toluene-d8		10.06	98	417318	53.01	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.02%	
62) 4-Bromofluorobenzene		12.38	95	160712	57.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.10%	

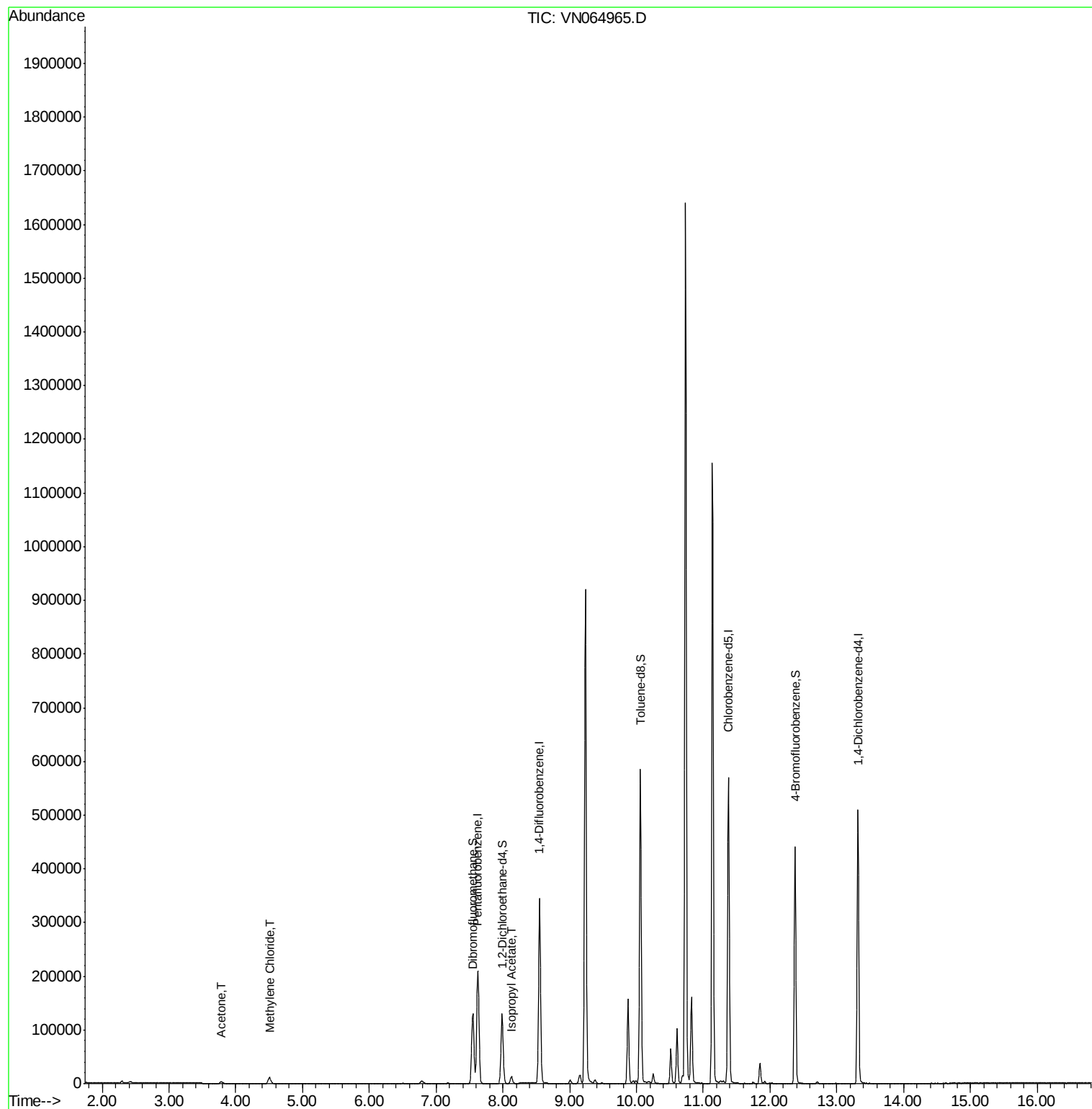
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5382	7.857	ug/l #	85
20) Methylene Chloride	4.51	84	8923	4.157	ug/l	93
43) Isopropyl Acetate	8.13	43	16770	3.625	ug/l	98

(#) = 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
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064965.D

Acq: 8 Dec 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

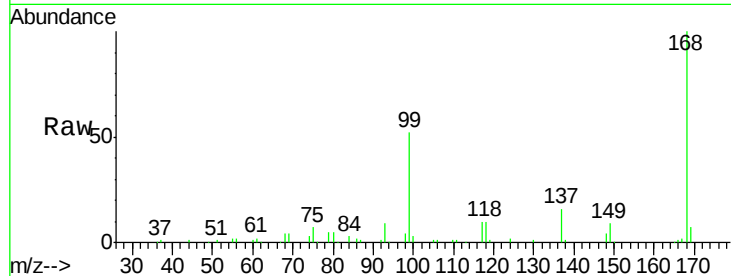
PB133456ZHE#02

Tot Ion:168 Resp: 179240

Ion Ratio Lower Upper

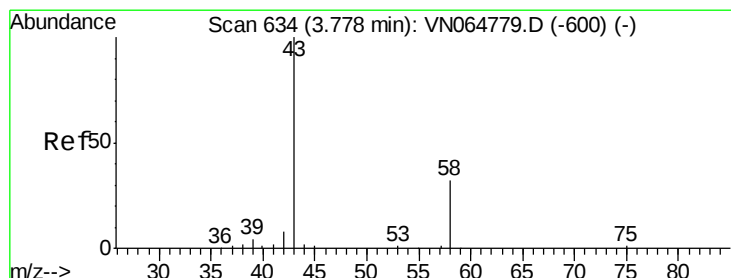
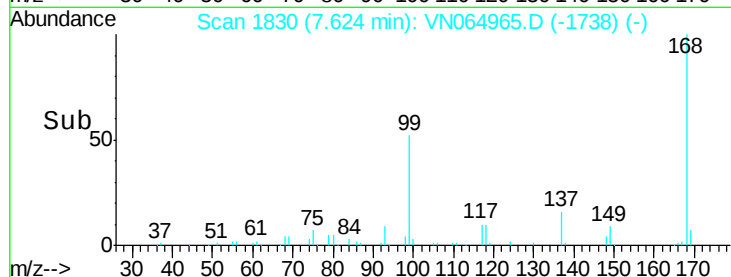
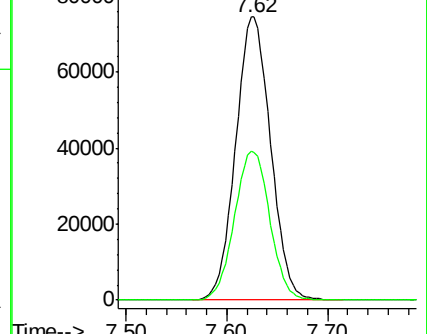
168 100

99 52.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 7.857 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064965.D

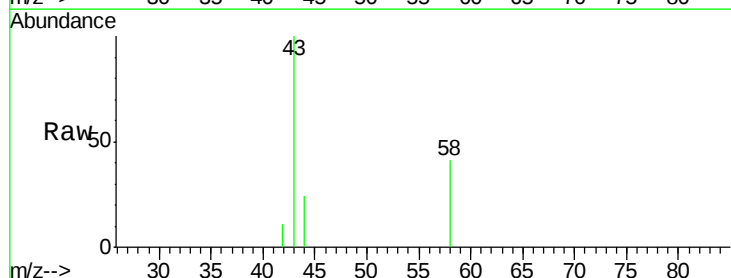
Acq: 8 Dec 2020 13:25

Tgt Ion: 43 Resp: 5382

Ion Ratio Lower Upper

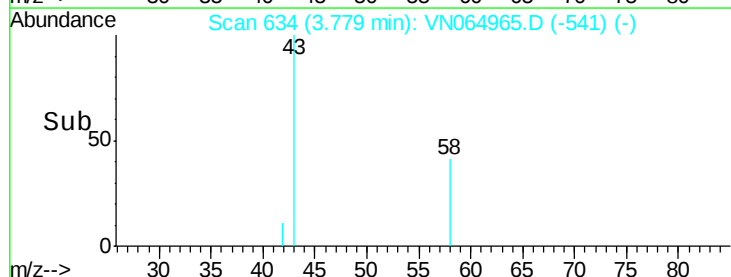
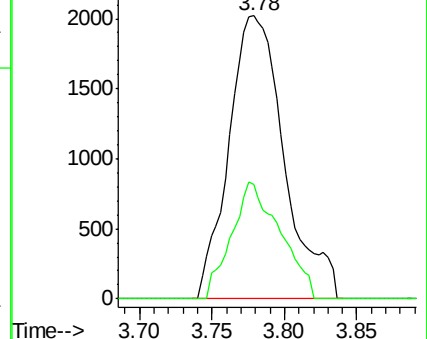
43 100

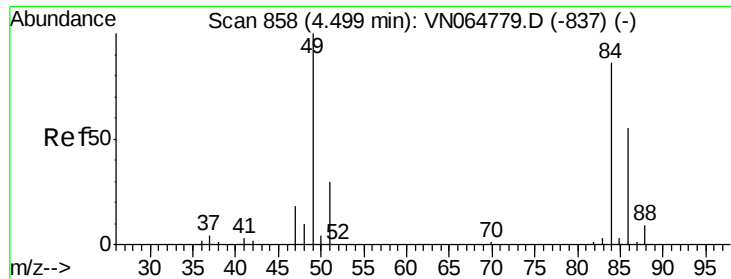
58 40.6 25.7 38.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

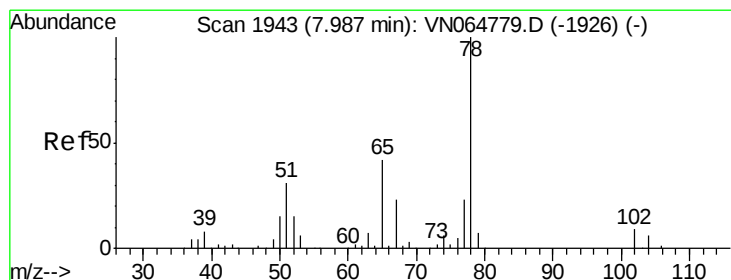
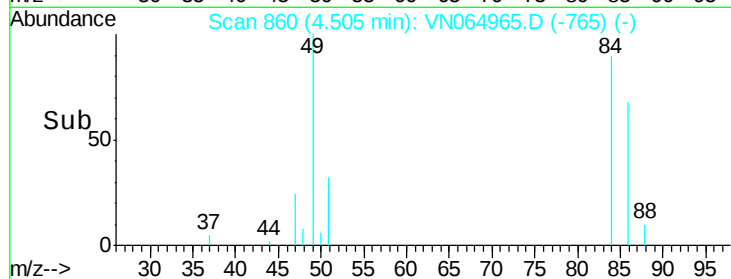
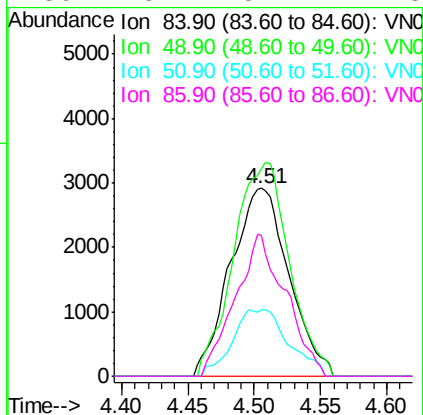
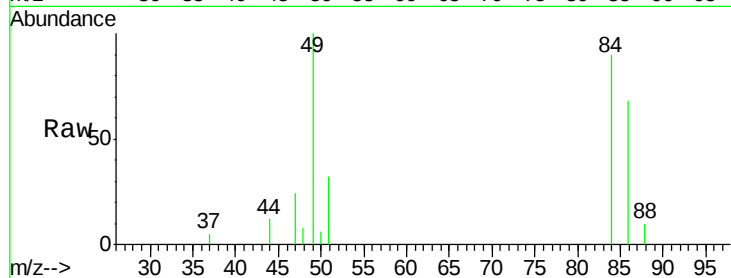




#20
Methvlene Chloride
Concen: 4.157 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.01 min
Lab File: VN064965.D
Acq: 8 Dec 2020 13:25

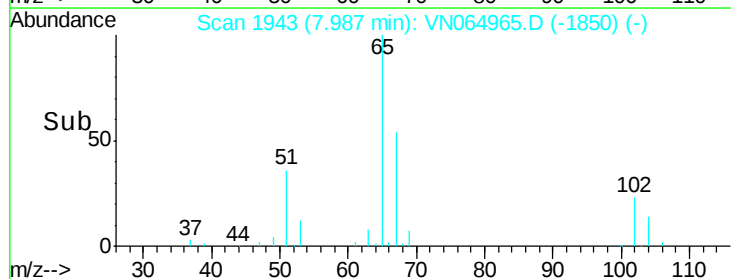
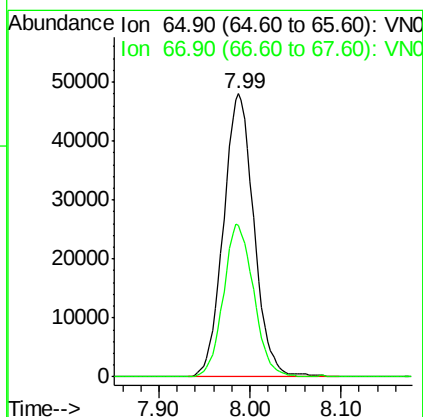
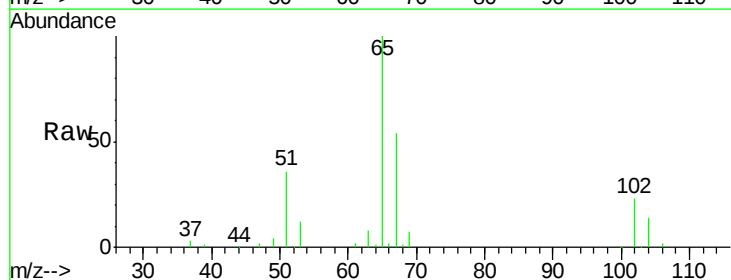
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#02

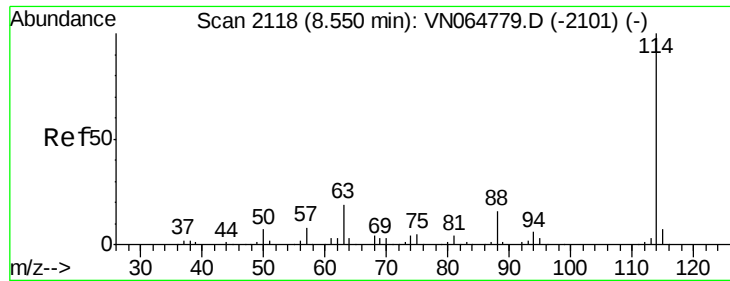
Tot Ion:	84	Resp:	8923
Ion	Ratio	Lower	Upper
84	100		
49	110.6	93.4	140.0
51	35.4	28.2	42.4
86	75.1	51.7	77.5



#33
1,2-Dichloroethane-d4
Concen: 53.634 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064965.D
Acq: 8 Dec 2020 13:25

Tgt Ion:	65	Resp:	111761
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	108.2

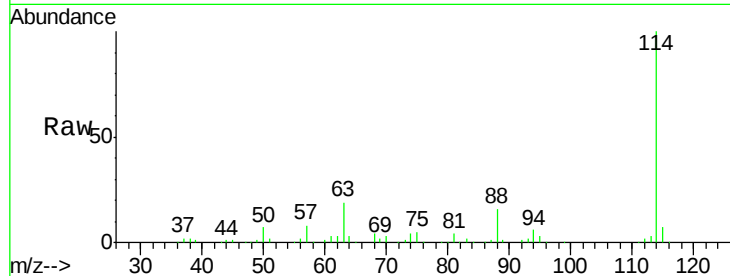




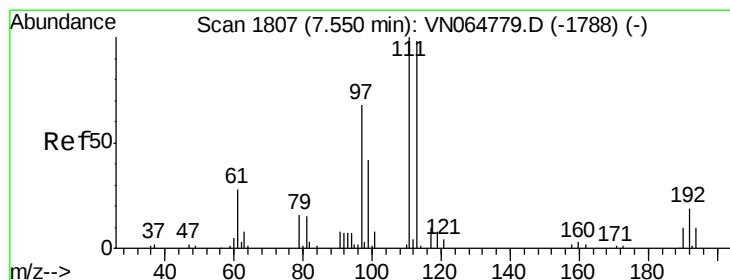
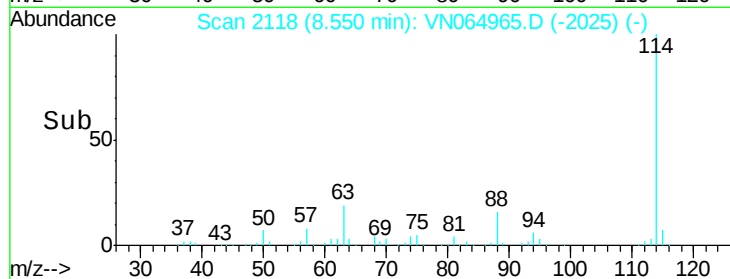
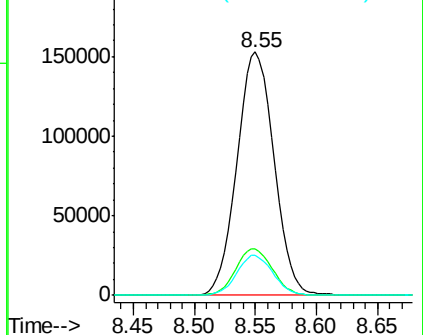
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064965.D
Acq: 8 Dec 2020 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#02

Tot Ion:114 Resp: 321980
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 16.3 0.0 32.6

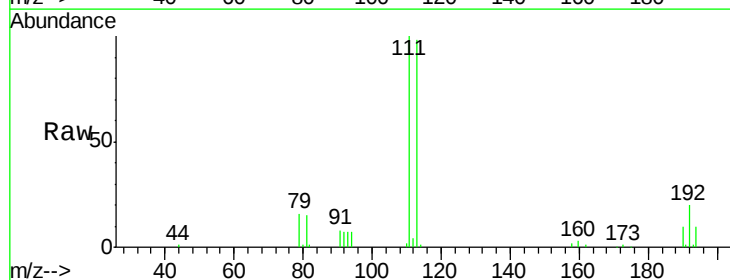


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

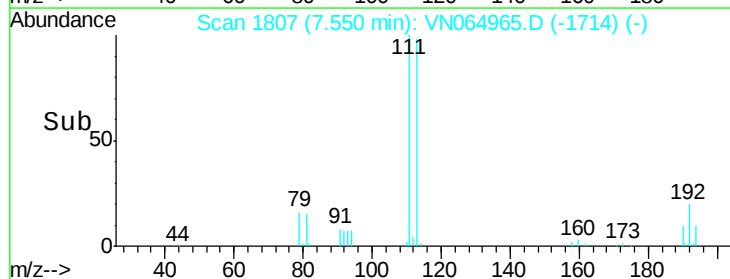
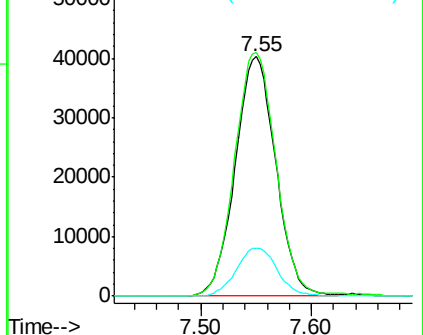


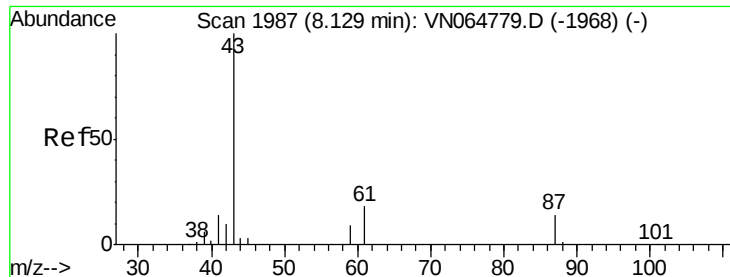
#35
Dibromofluoromethane
Concen: 53.197 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064965.D
Acq: 8 Dec 2020 13:25

Tgt Ion:113 Resp: 102491
Ion Ratio Lower Upper
113 100
111 104.1 81.6 122.4
192 20.3 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: 3.625 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064965.D

Acq: 8 Dec 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#02

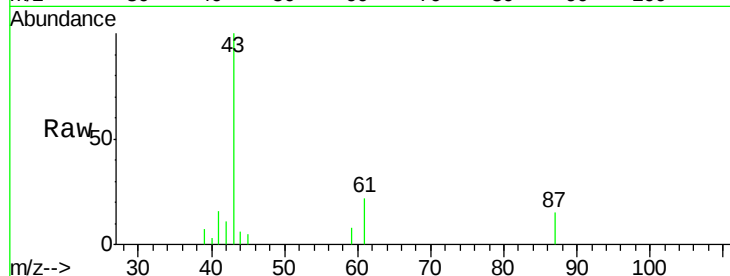
Tot Ion: 43 Resp: 16770

Ion Ratio Lower Upper

43 100

61 20.6 17.2 25.8

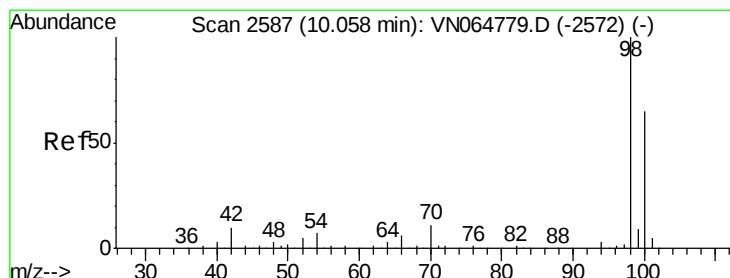
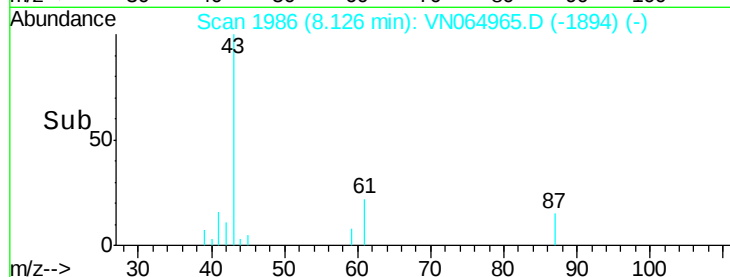
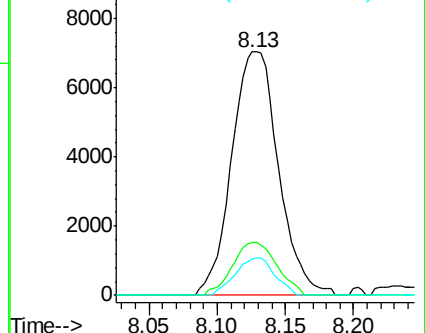
87 13.0 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064965.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064965.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064965.D (-1894) (-)



#50

Toluene-d8

Concen: 53.013 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064965.D

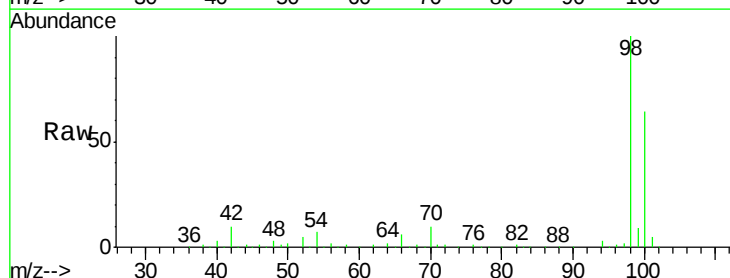
Acq: 8 Dec 2020 13:25

Tgt Ion: 98 Resp: 417318

Ion Ratio Lower Upper

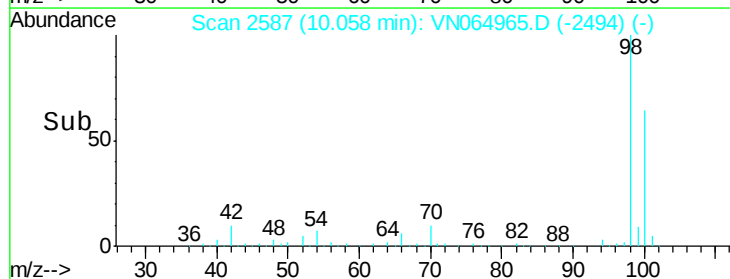
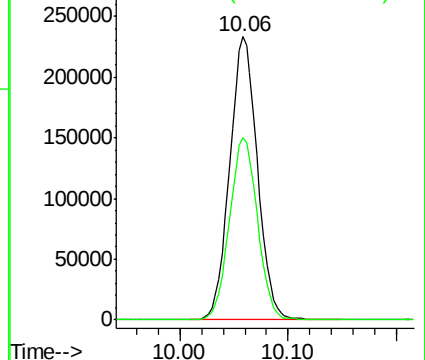
98 100

100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064965.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064965.D (-2494) (-)

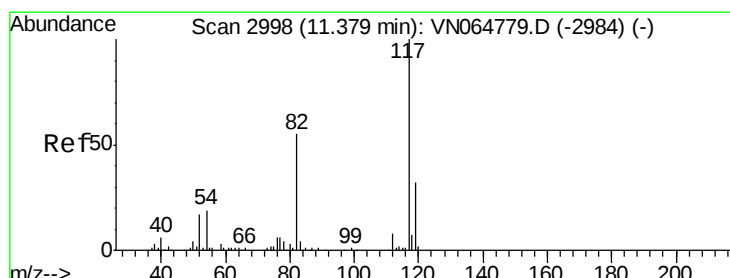
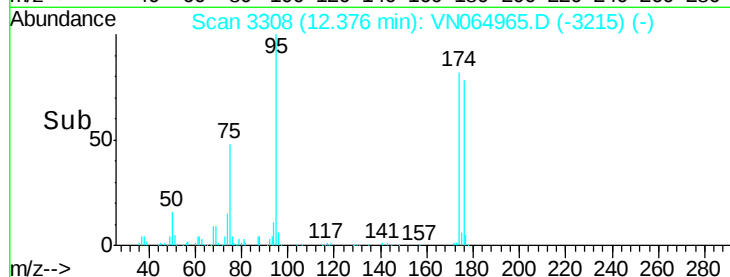
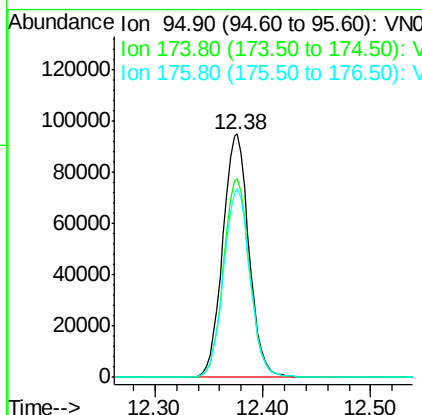
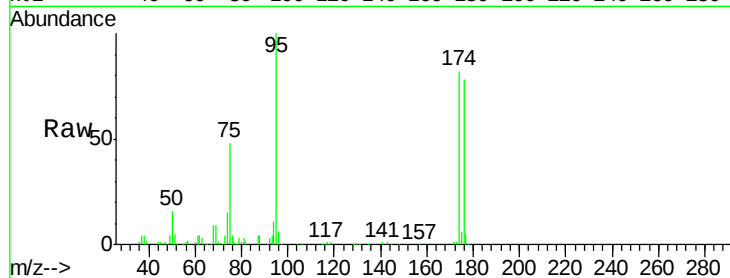




#62
4-Bromofluorobenzene
Concen: 57.046 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064965.D
Acq: 8 Dec 2020 13:25

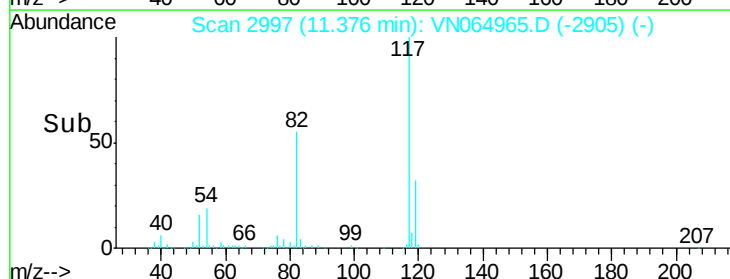
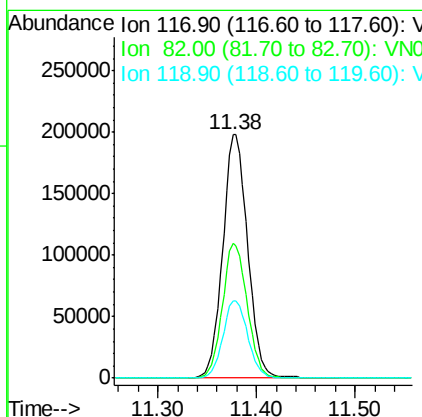
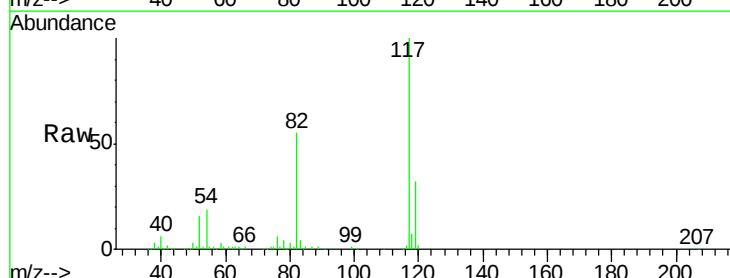
Instrument :
MSVOA_N
ClientSampleId :
PB133456ZHE#02

Tot Ion: 95 Resp: 160712
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.4
176 78.3 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064965.D
Acq: 8 Dec 2020 13:25

Tgt Ion: 117 Resp: 348565
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 31.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064965.D

Acq: 8 Dec 2020 13:25

Instrument :

MSVOA_N

ClientSampleId :

PB133456ZHE#02

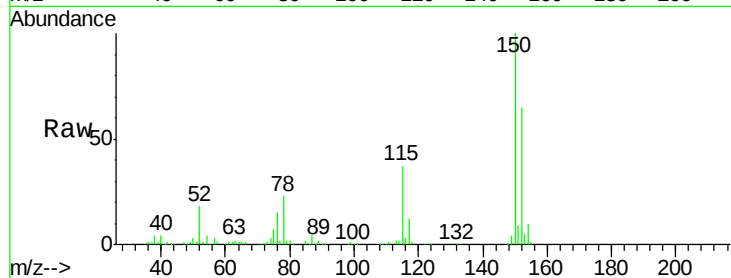
Tot Ion:152 Resp: 147426

Ion Ratio Lower Upper

152 100

115 57.9 29.7 89.1

150 156.8 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

