

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065021.D
 Acq On : 9 Dec 2020 15:26
 Operator : JC/MD
 Sample : PB133472ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#02

Quant Time: Dec 10 04:41:20 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	165040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136609	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	108320	56.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.90%	
35) Dibromofluoromethane		7.55	113	98251	53.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	107.74%	
50) Toluene-d8		10.06	98	400160	53.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.38%	
62) 4-Bromofluorobenzene		12.38	95	148801	55.79	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.58%	

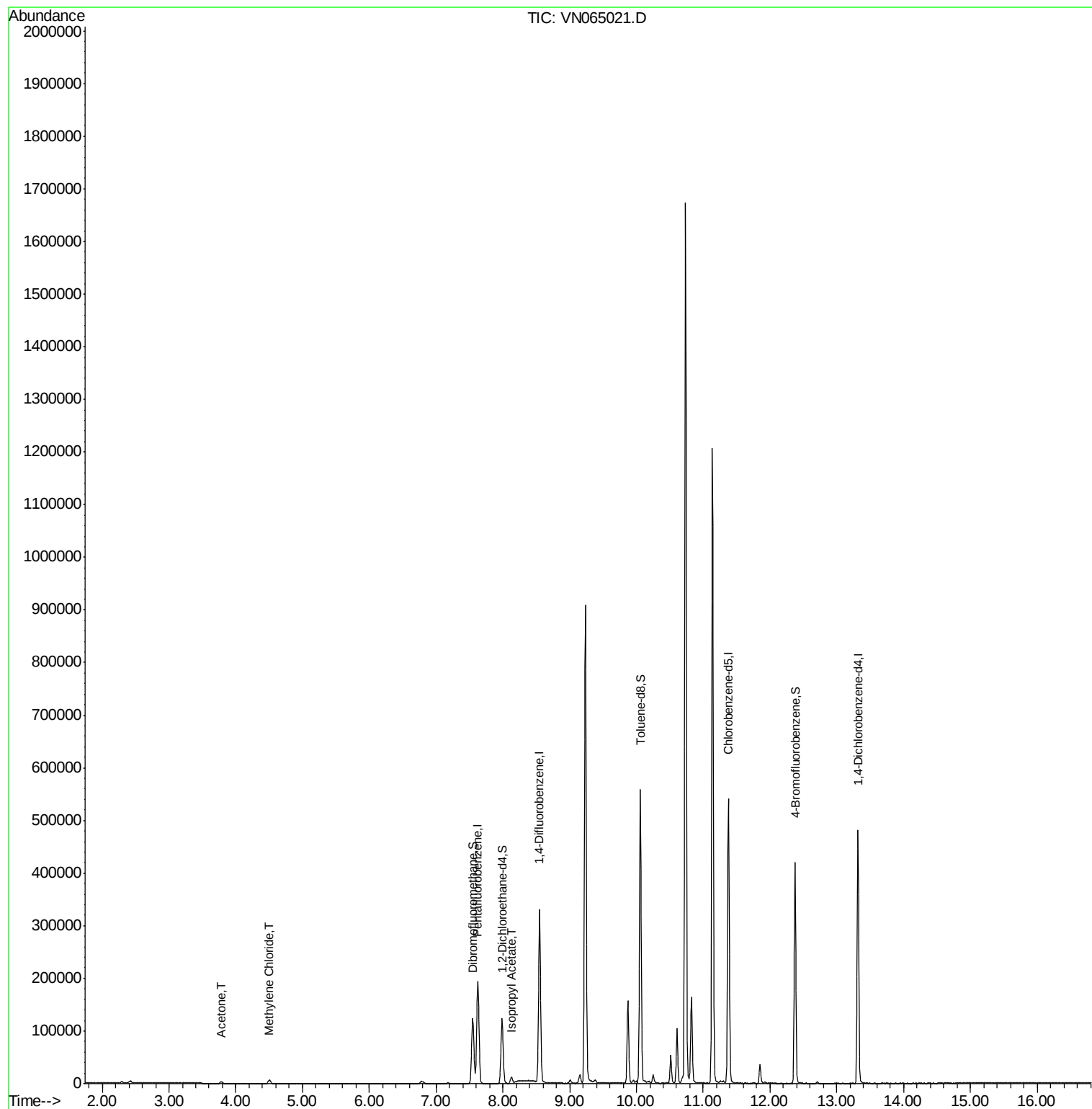
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	5752	9.120	ug/l	100
20) Methylene Chloride	4.50	84	5160	2.611	ug/l	91
43) Isopropyl Acetate	8.13	43	14986	3.422	ug/l #	77

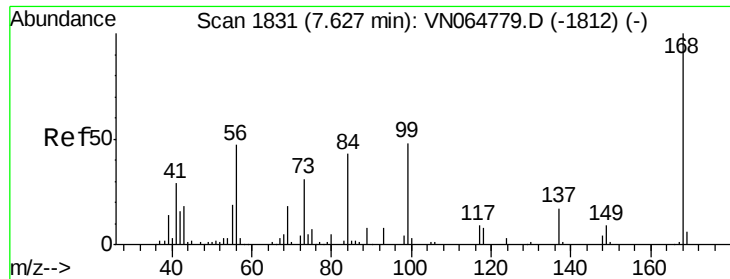
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120920\
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Quant Time: Dec 10 04:41:20 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
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: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

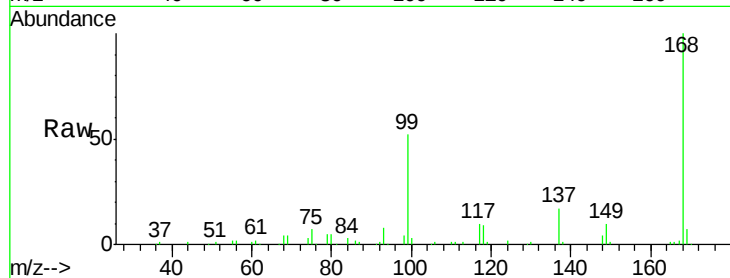
PB133472ZHE#02

Tot Ion:168 Resp: 165040

Ion Ratio Lower Upper

168 100

99 52.2 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

60000

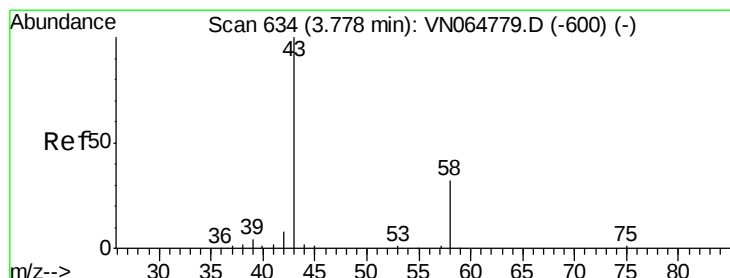
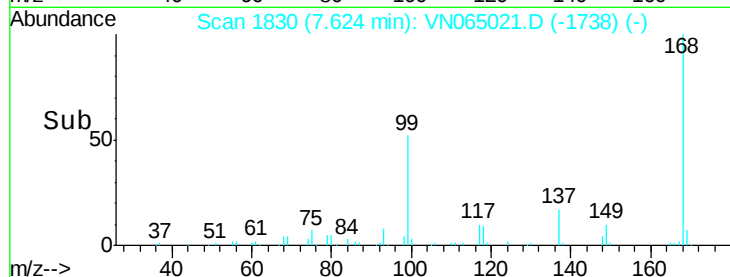
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 9.120 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN065021.D

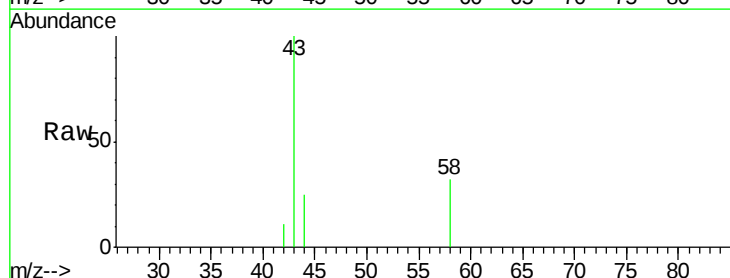
Acq: 9 Dec 2020 15:26

Tgt Ion: 43 Resp: 5752

Ion Ratio Lower Upper

43 100

58 32.1 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

2500

2000

1500

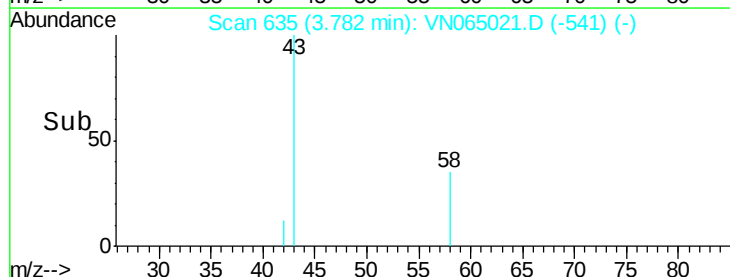
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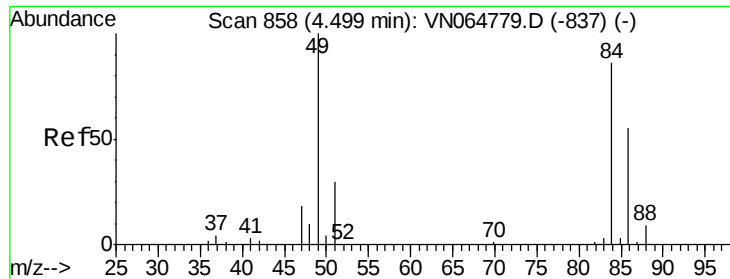
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0

Time-->

3.70 3.75 3.80 3.85



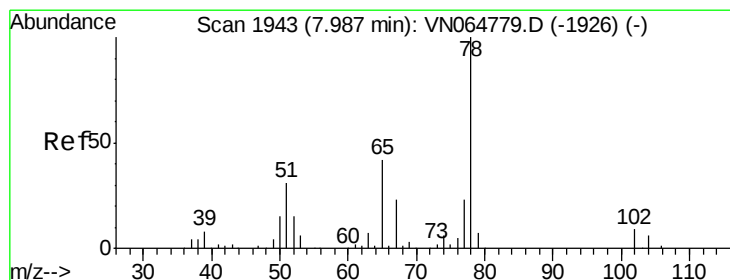
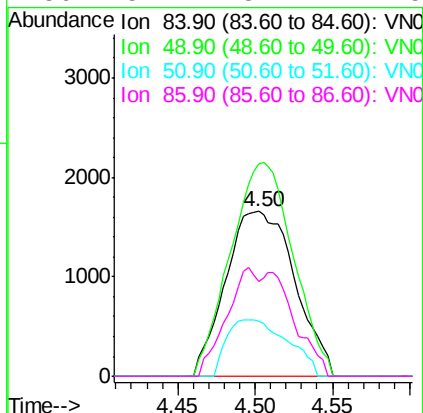
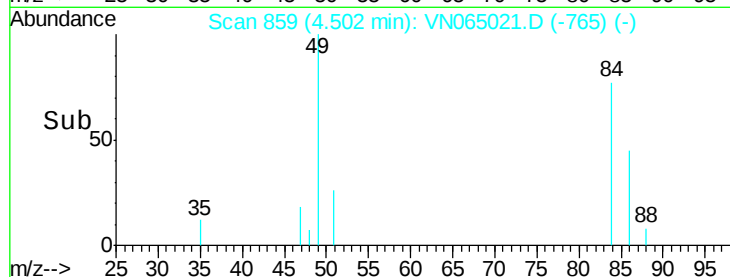
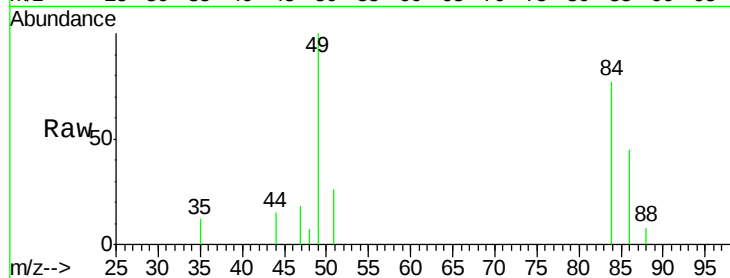


#20
Methvlene Chloride
Concen: 2.611 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#02

Tot Ion: 84 Resp: 5160

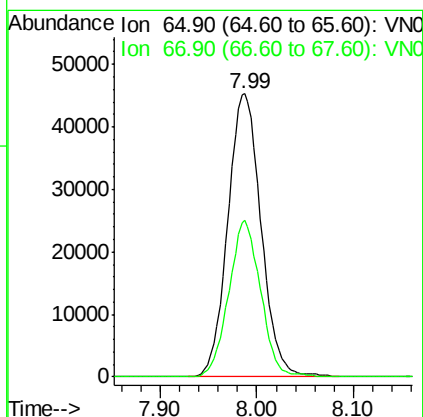
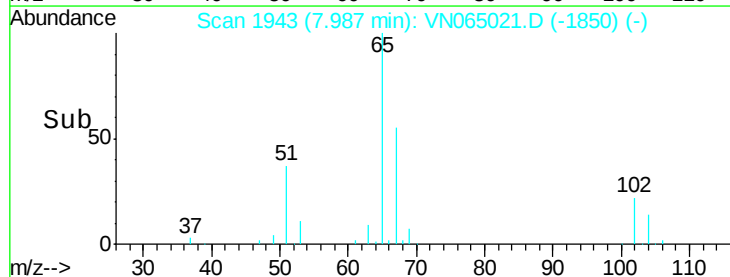
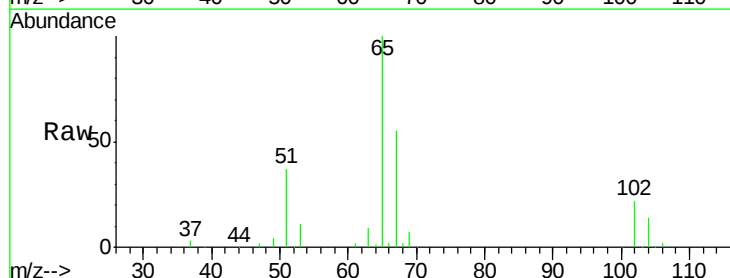
Ion	Ratio	Lower	Upper
84	100		
49	129.0	93.4	140.0
51	33.7	28.2	42.4
86	57.7	51.7	77.5

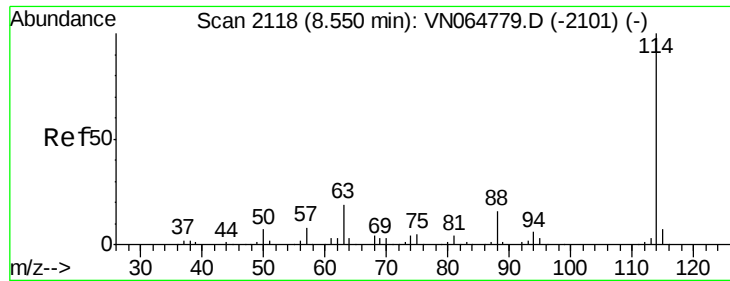


#33
1,2-Dichloroethane-d4
Concen: 56.455 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

Tgt Ion: 65 Resp: 108320

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	108.2

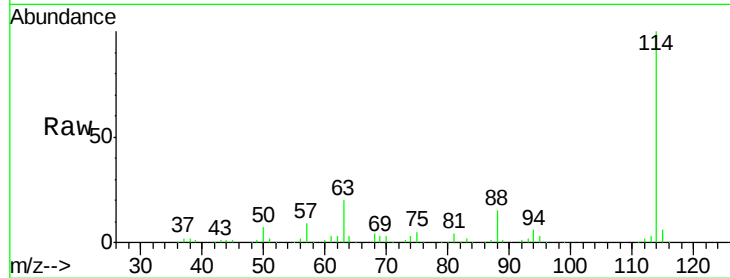




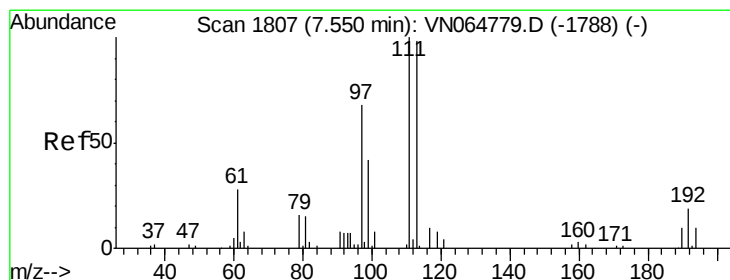
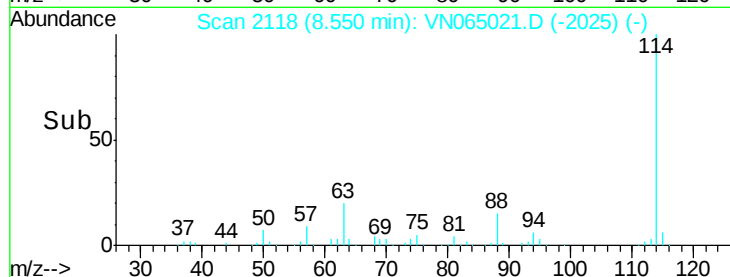
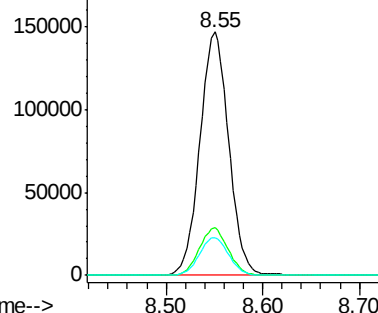
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN065021.D
 Acq: 9 Dec 2020 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#02

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.4	0.0	32.6

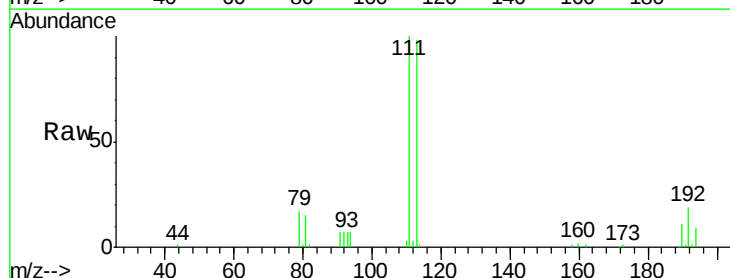


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

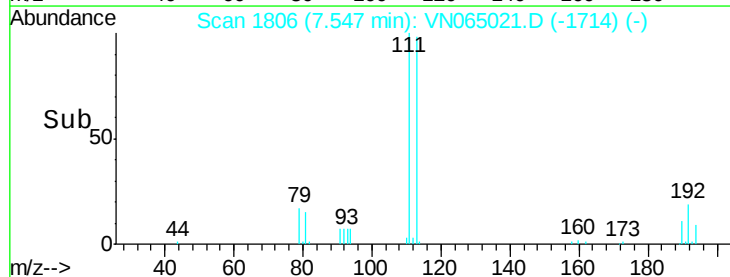
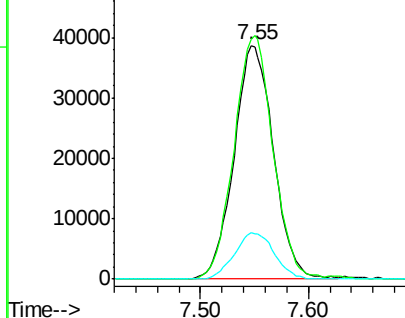


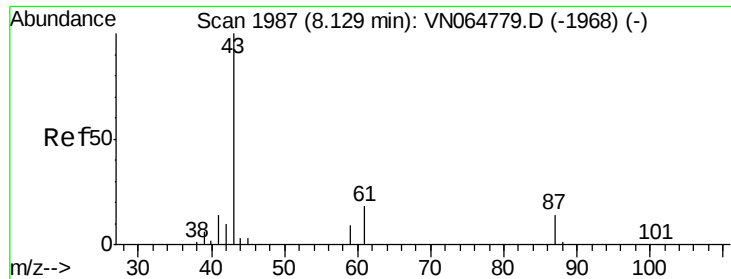
#35
 Dibromofluoromethane
 Concen: 53.867 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN065021.D
 Acq: 9 Dec 2020 15:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.6	122.4
192	20.1	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: 3.422 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#02

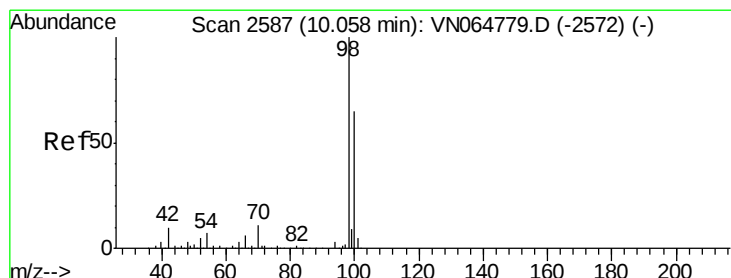
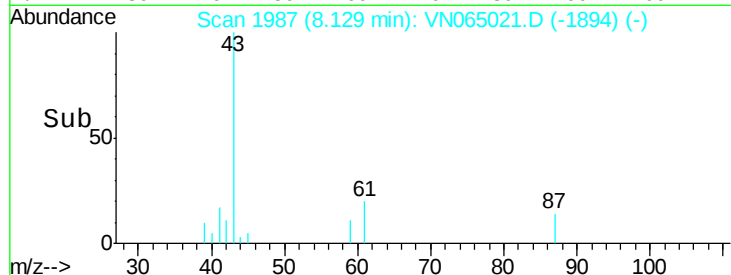
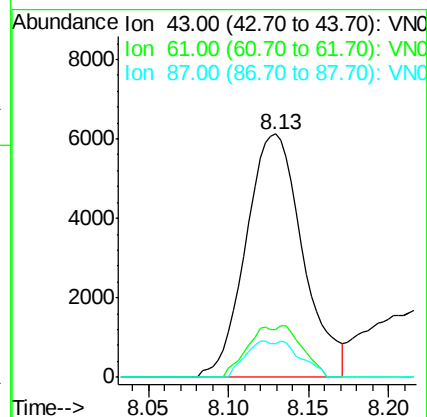
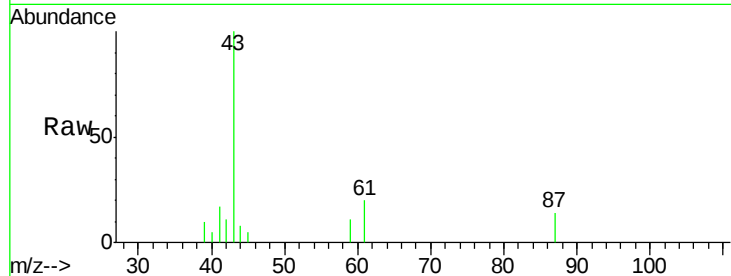
Tot Ion: 43 Resp: 14986

Ion Ratio Lower Upper

43 100

61 9.2 17.2 25.8#

87 6.7 11.4 17.0#



#50

Toluene-d8

Concen: 53.695 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN065021.D

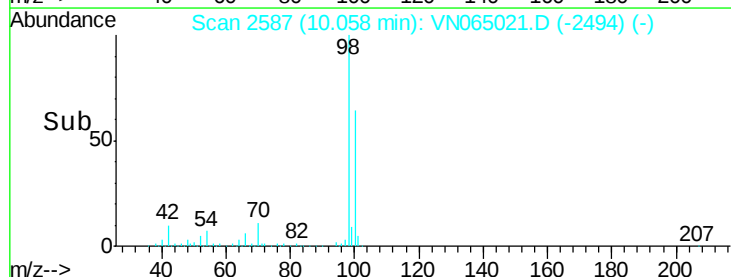
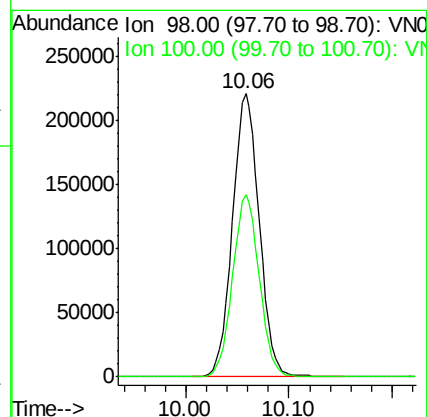
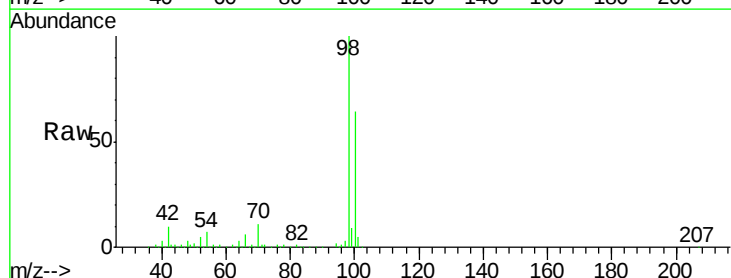
Acq: 9 Dec 2020 15:26

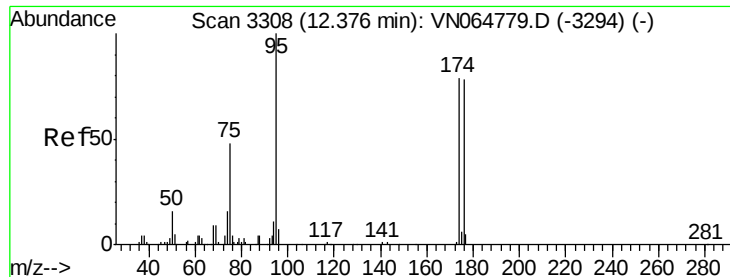
Tgt Ion: 98 Resp: 400160

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5

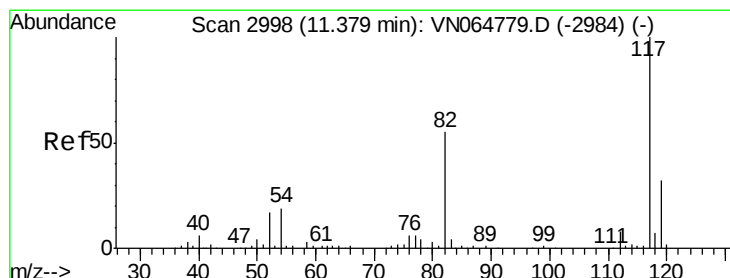
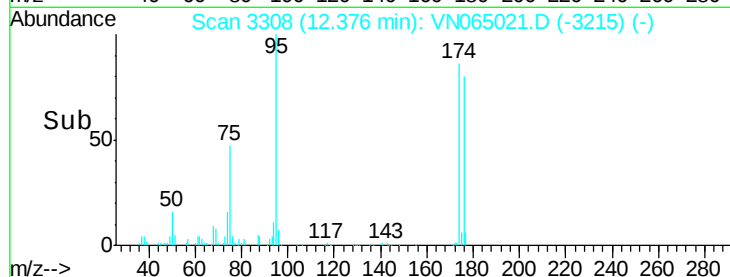
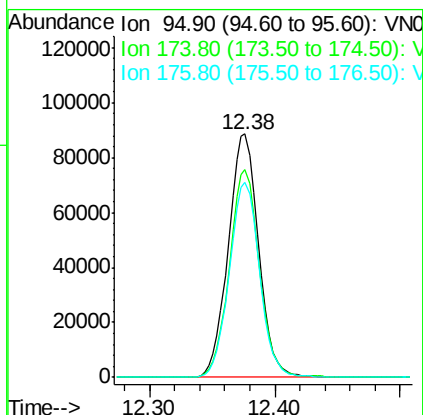
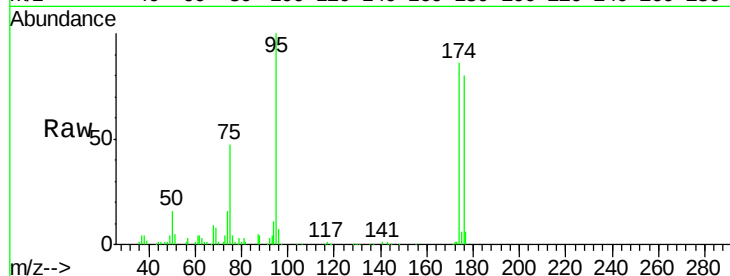




#62
4-Bromofluorobenzene
Concen: 55.791 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

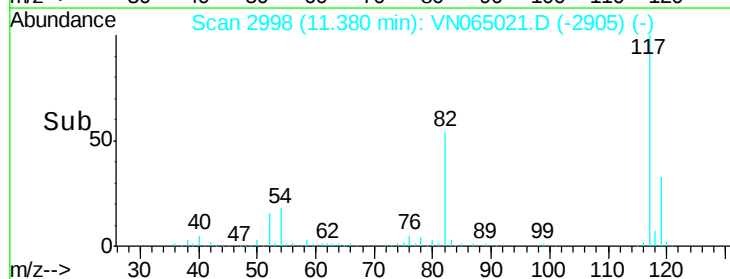
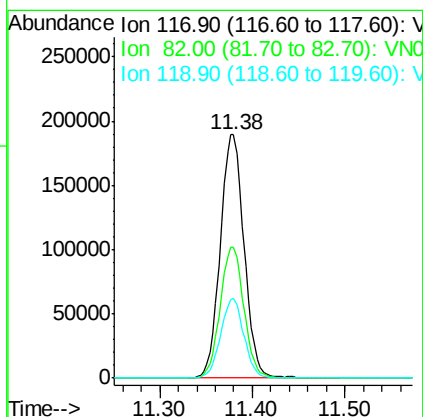
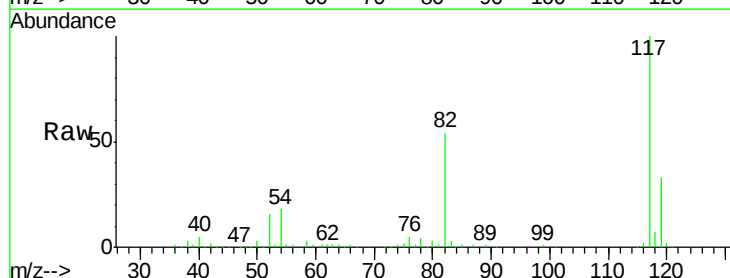
Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#02

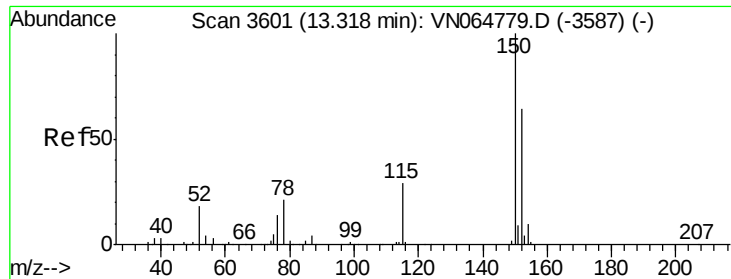
Tot Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	160.4
176	79.8	0.0	158.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065021.D
Acq: 9 Dec 2020 15:26

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.2	66.2
119	32.6	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: VN065021.D

Acq: 9 Dec 2020 15:26

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#02

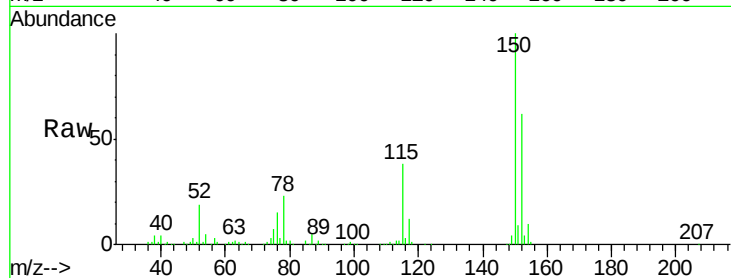
Tot Ion:152 Resp: 136609

Ion Ratio Lower Upper

152 100

115 59.4 29.7 89.1

150 159.3 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

