

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065025.D
 Acq On : 9 Dec 2020 17:02
 Operator : JC/MD
 Sample : PB133472ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133472ZHE#06

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:44 AM

Quant Time: Dec 10 04:46:42 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	162855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	311127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	329849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	137070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	107173	56.61	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	113.22%		
35) Dibromofluoromethane	7.55	113	96092	51.62	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.24%		
50) Toluene-d8	10.06	98	394317	51.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.68%		
62) 4-Bromofluorobenzene	12.38	95	147653	54.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.48%		
Target Compounds						
16) Acetone	3.78	43	5394	8.667	ug/l	93
20) Methylene Chloride	4.50	84	4847m	2.485	ug/l	
43) Isopropyl Acetate	8.13	43	14618	3.270	ug/l	97

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

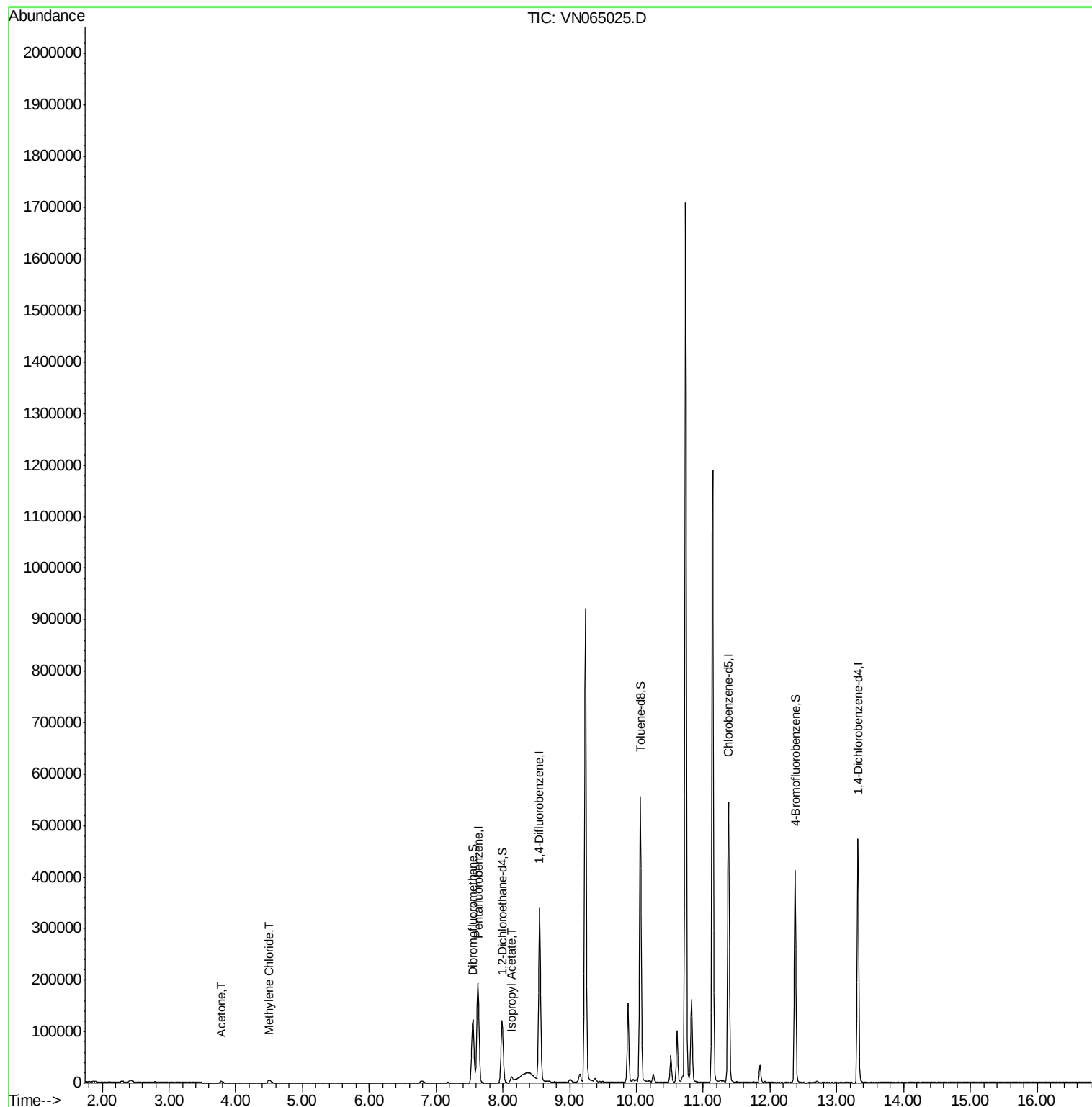
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120920\
Data File : VN065025.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065025.D

Acq: 9 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#06

Tot Ion:168 Resp: 162855

Ion Ratio Lower Upper

168 100

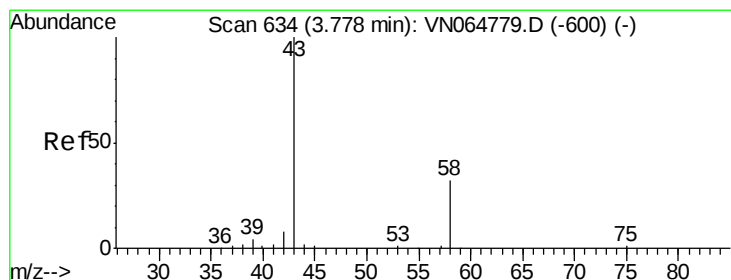
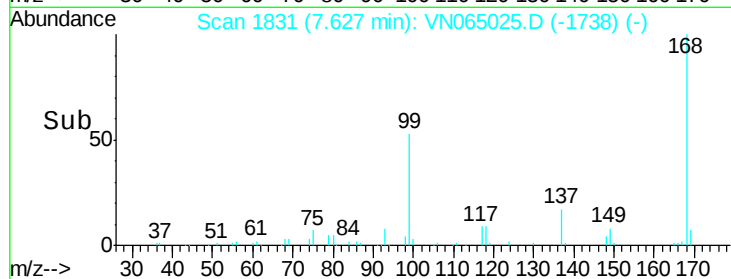
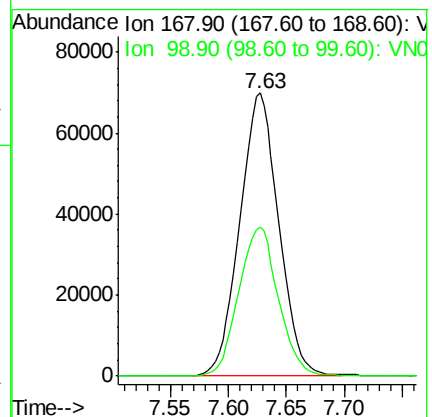
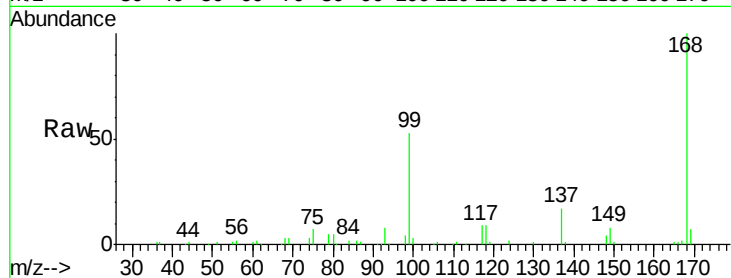
99 52.8 43.0 64.4

Manual Integrations

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#16

Acetone

Concen: 8.667 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN065025.D

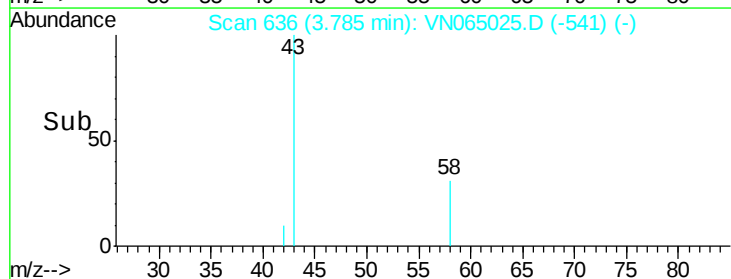
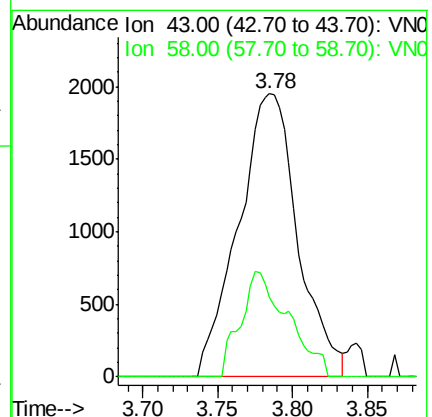
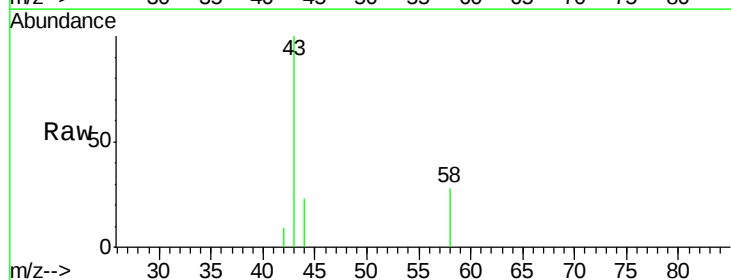
Acq: 9 Dec 2020 17:02

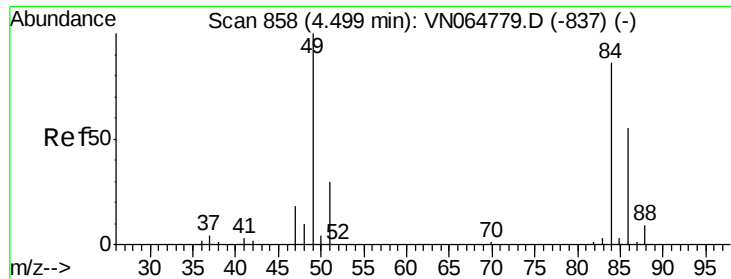
Tgt Ion: 43 Resp: 5394

Ion Ratio Lower Upper

43 100

58 28.1 25.7 38.5





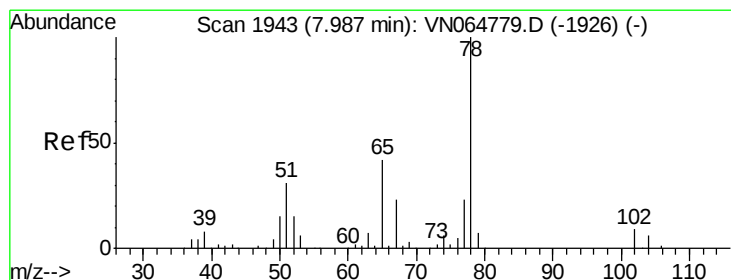
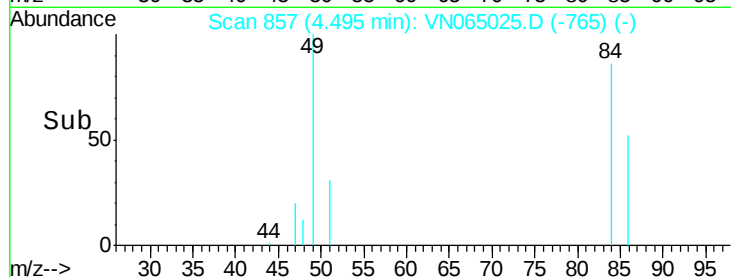
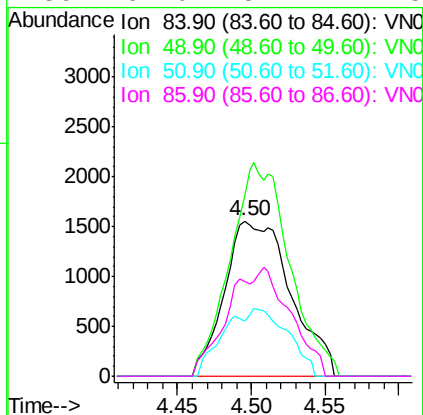
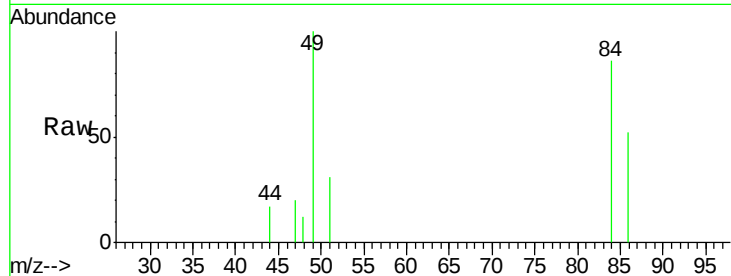
#20
Methvlene Chloride
Concen: 2.485 ug/l m
RT: 4.50 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN065025.D
Acq: 9 Dec 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#06

Tot Ion: 84 Resp: 4847
Ion Ratio Lower Upper
84 100
49 116.6 93.4 140.0
51 35.7 28.2 42.4
86 61.0 51.7 77.5

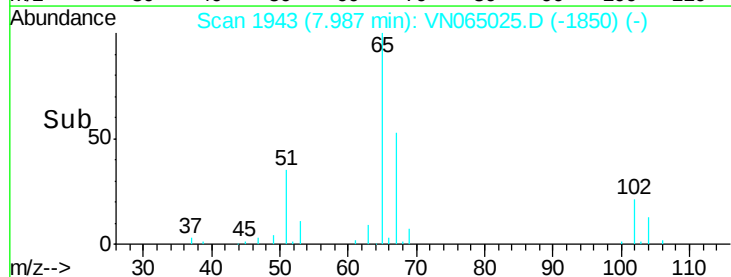
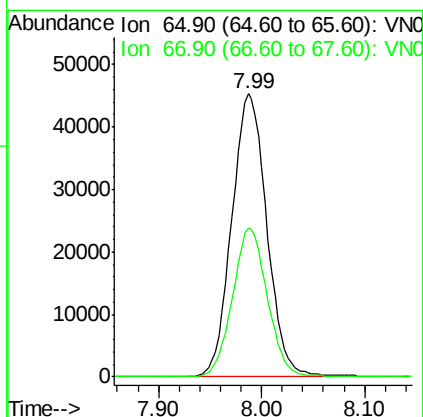
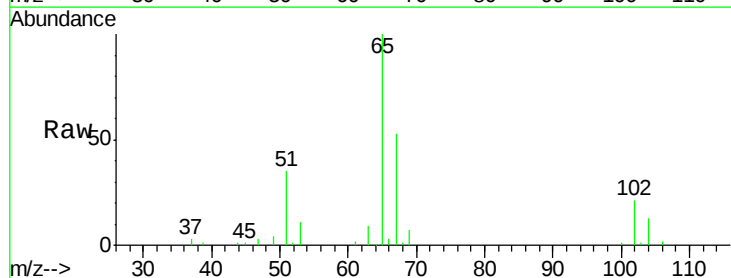
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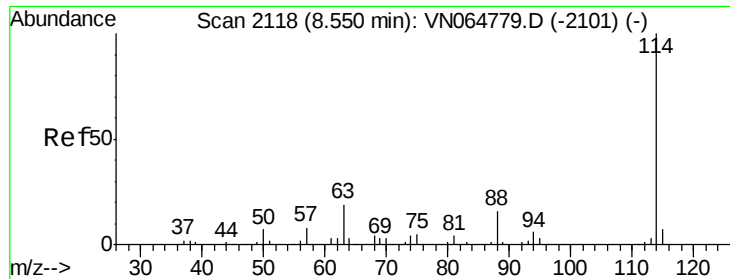
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#33
1,2-Dichloroethane-d4
Concen: 56.607 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN065025.D
Acq: 9 Dec 2020 17:02

Tgt Ion: 65 Resp: 107173
Ion Ratio Lower Upper
65 100
67 52.0 0.0 108.2





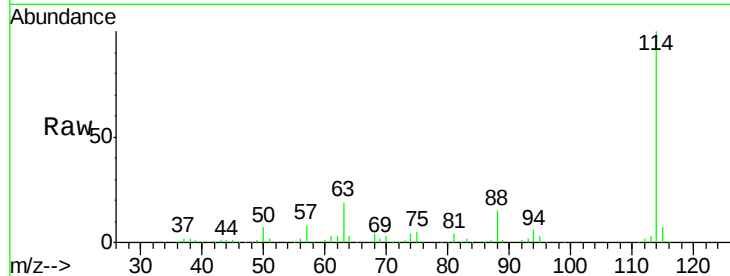
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN065025.D
Acq: 9 Dec 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#06

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	18.9	0.0	38.6
88	15.4	0.0	32.6

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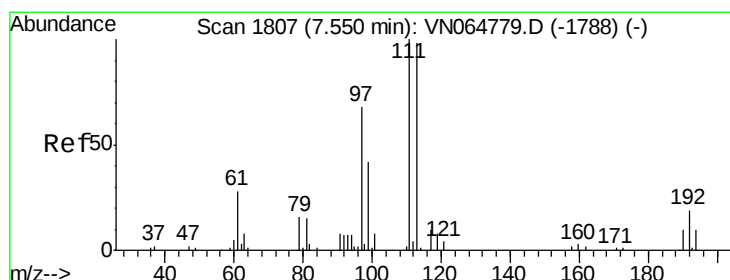
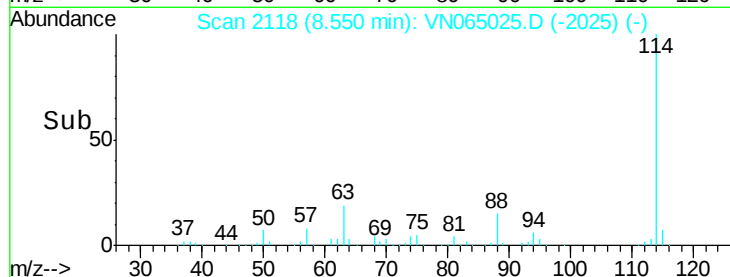
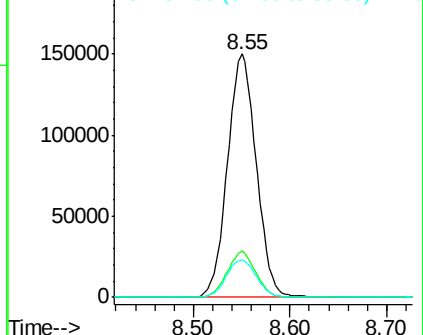
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Abundance Ion 113.90 (113.60 to 114.60): V

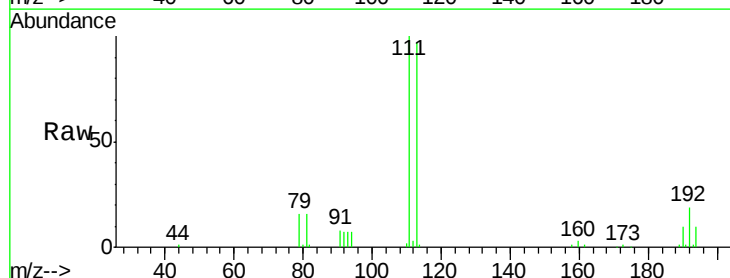
Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 51.616 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065025.D
Acq: 9 Dec 2020 17:02

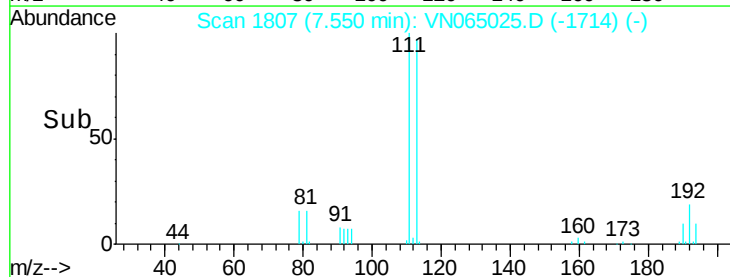
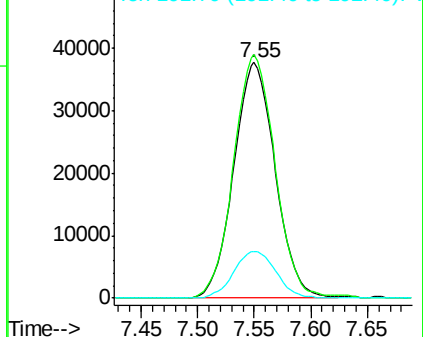
Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	103.0	81.6	122.4
192	20.2	16.2	24.2

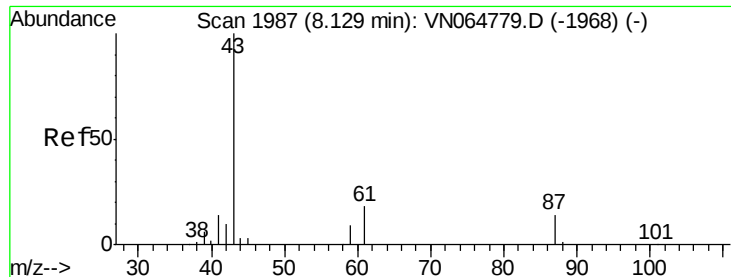


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.270 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN065025.D

Acq: 9 Dec 2020 17:02

Instrument :

MSVOA_N

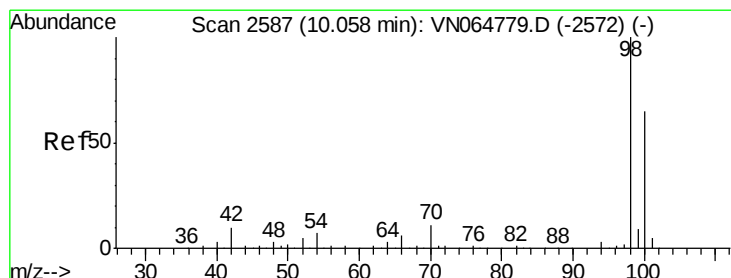
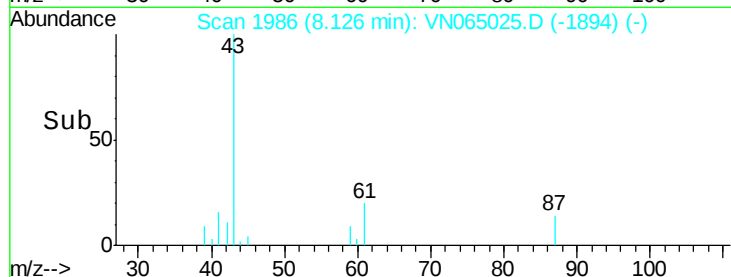
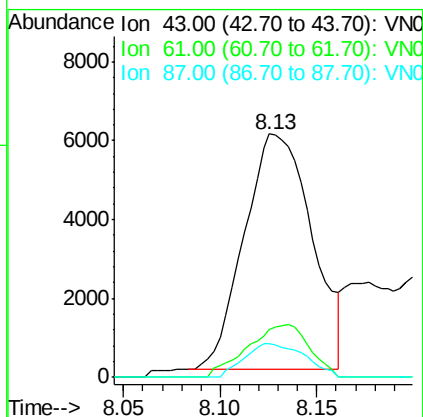
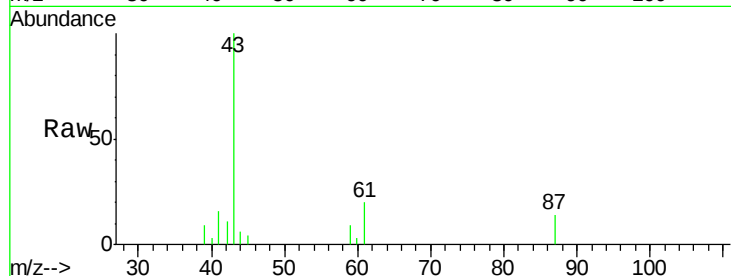
ClientSampleId :

PB133472ZHE#06

Tot Ion:	43	Resp:	14618
Ion	Ratio	Lower	Upper
43	100		
61	20.2	17.2	25.8
87	12.6	11.4	17.0

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#50

Toluene-d8

Concen: 51.838 ug/l

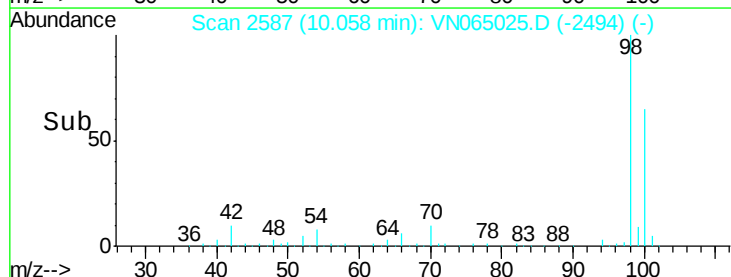
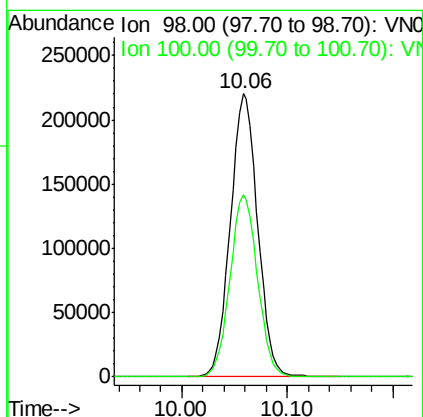
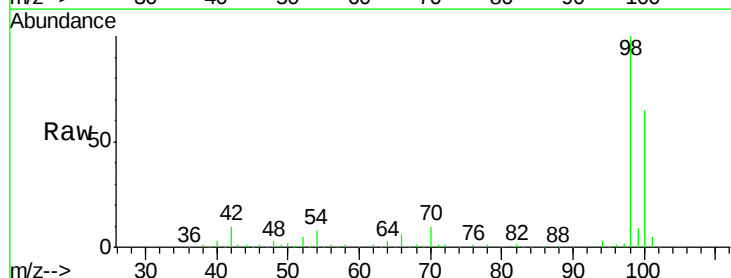
RT: 10.06 min Scan# 2587

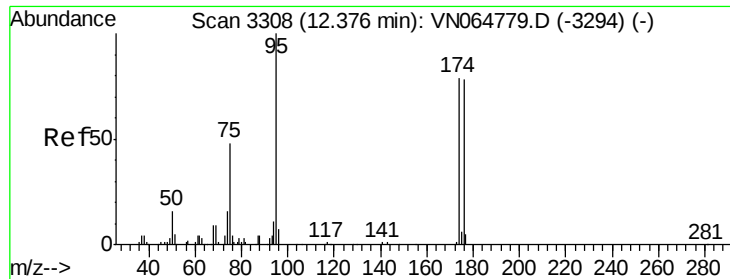
Delta R.T. 0.00 min

Lab File: VN065025.D

Acq: 9 Dec 2020 17:02

Tgt Ion:	98	Resp:	394317
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5





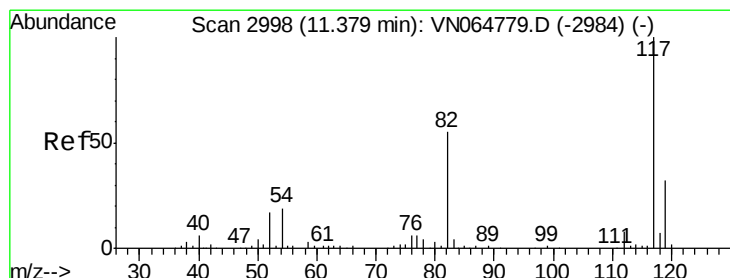
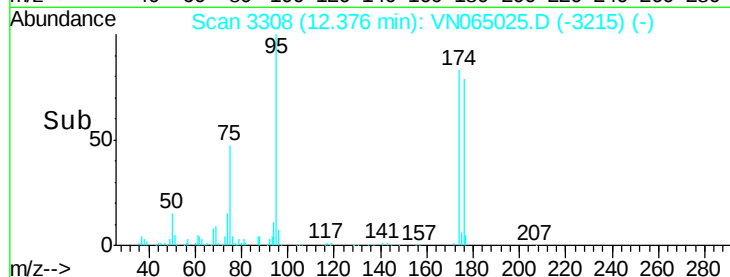
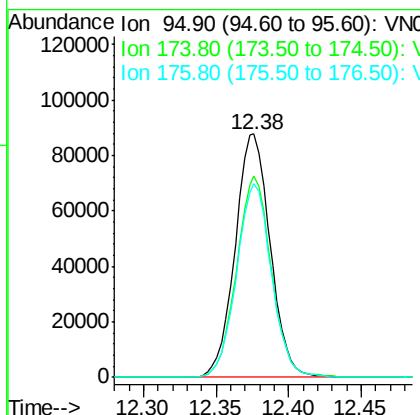
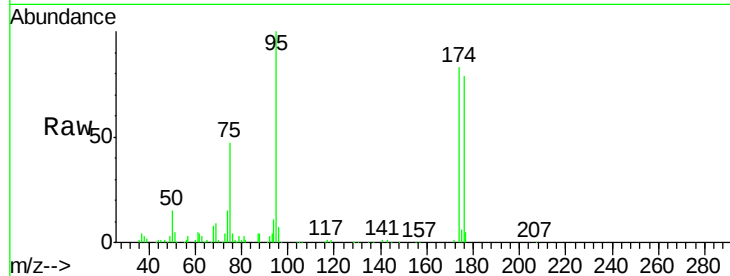
#62
4-Bromofluorobenzene
Concen: 54.239 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN065025.D
Acq: 9 Dec 2020 17:02

Instrument :
MSVOA_N
ClientSampleId :
PB133472ZHE#06

Tot Ion	Ratio	Resp	Lower	Upper
95	100	147653		
174	81.9	0.0	160.4	
176	79.2	0.0	158.4	

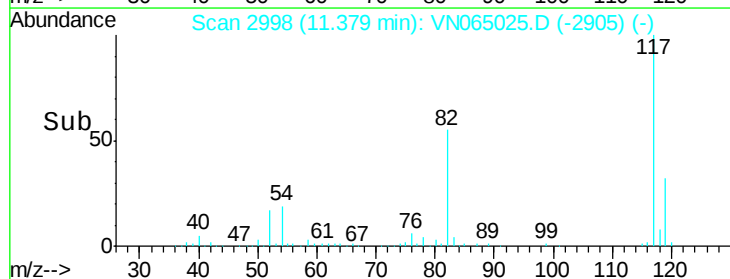
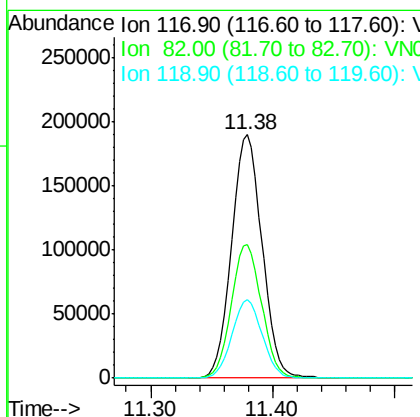
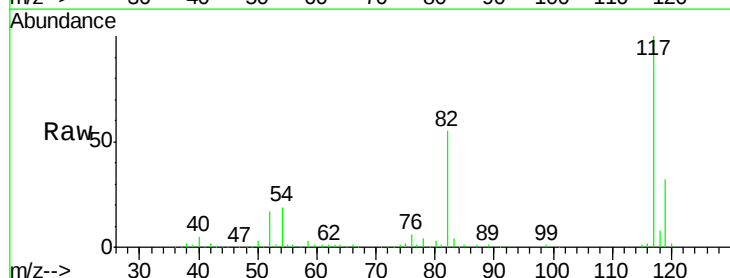
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065025.D
Acq: 9 Dec 2020 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	329849		
82	54.7	44.2	66.2	
119	32.0	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: VN065025.D

Acq: 9 Dec 2020 17:02

Instrument :

MSVOA_N

ClientSampleId :

PB133472ZHE#06

Tot Ion:152 Resp: 137070

Ion Ratio Lower Upper

152 100

115 58.2 29.7 89.1

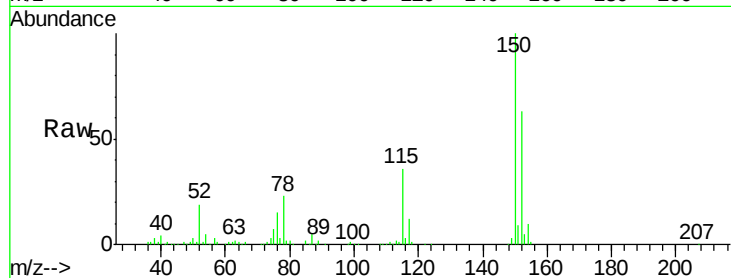
150 156.9 0.0 350.6

Manual Integrations

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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

