

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065057.D
 Acq On : 10 Dec 2020 21:20
 Operator : JC/MD
 Sample : PB133501ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#05

Manual Integrations
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Quant Time: Dec 11 04:28:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 16:04:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	159207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	303603	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	327164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	132387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	103600	54.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	109.32%		
35) Dibromofluoromethane	7.55	113	96469	48.03	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.06%		
50) Toluene-d8	10.06	98	389273	50.52	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.04%		
62) 4-Bromofluorobenzene	12.37	95	144566	54.74	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.48%		
Target Compounds						
16) Acetone	3.78	43	5854m	8.707	ug/l	
20) Methylene Chloride	4.51	84	6738m	3.934	ug/l	
43) Isopropyl Acetate	8.13	43	16114	4.117	ug/l	95

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

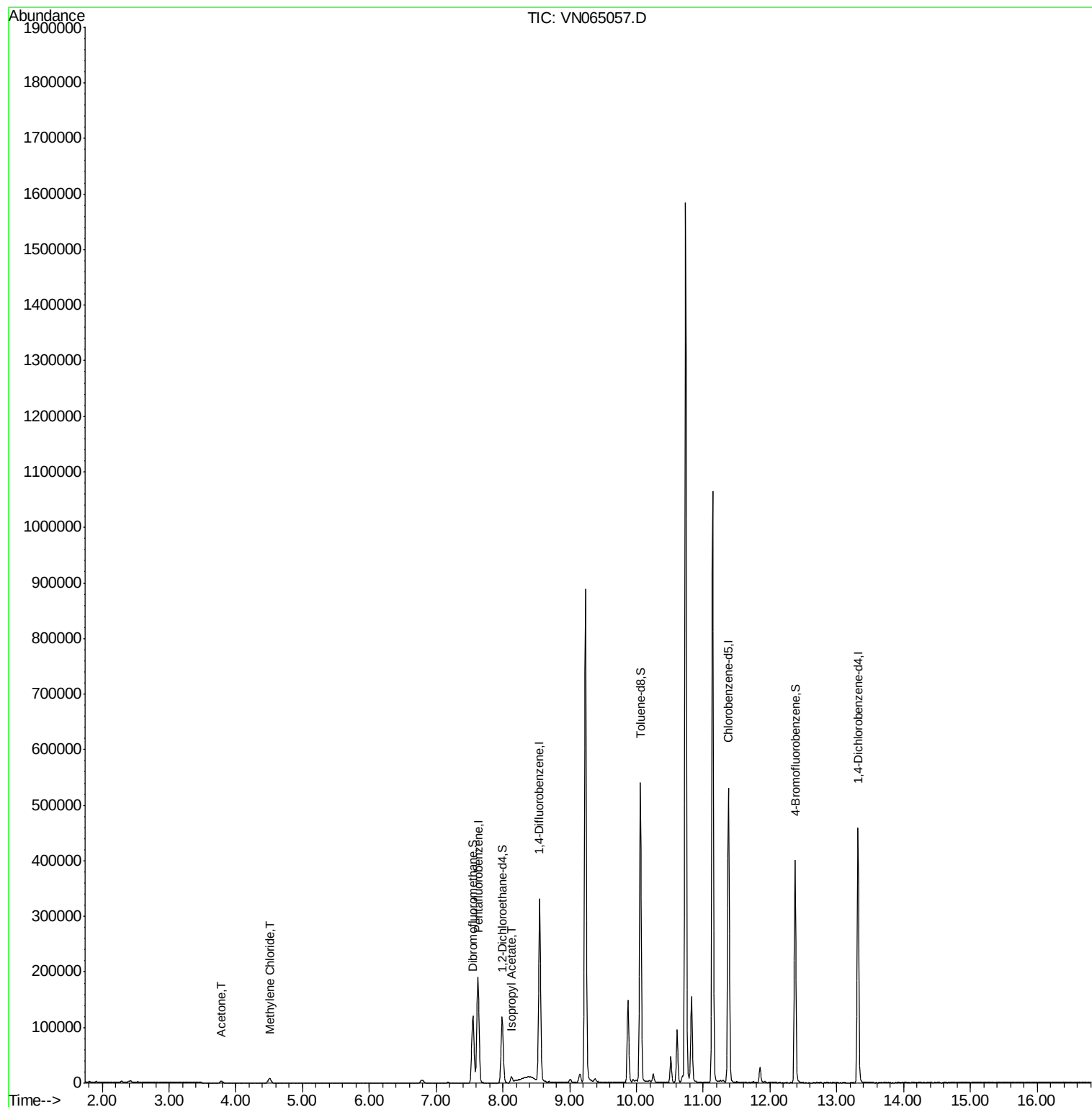
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121020\
Data File : VN065057.D
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ALS Vial : 23 Sample Multiplier: 1

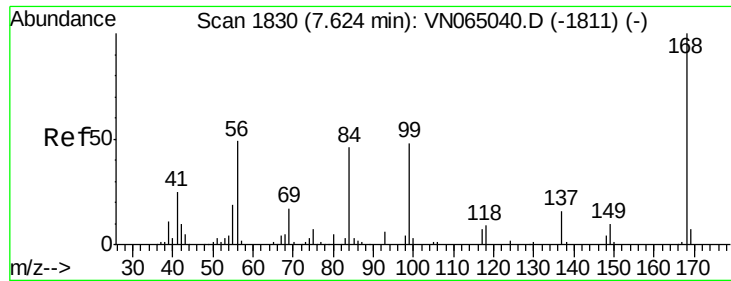
Instrument :
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Quant Time: Dec 11 04:28:37 2020
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Quant Title : SW846 8260
QLast Update : Thu Dec 10 16:04:22 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065057.D

Acq: 10 Dec 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#05

Tot Ion:168 Resp: 159207

Ion Ratio Lower Upper

168 100

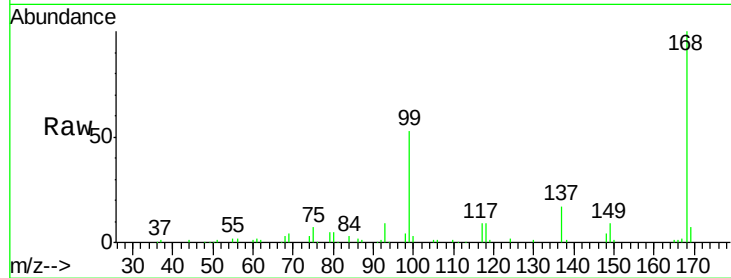
99 53.0 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VN065040.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN065040.D (-1811) (-)

7.63

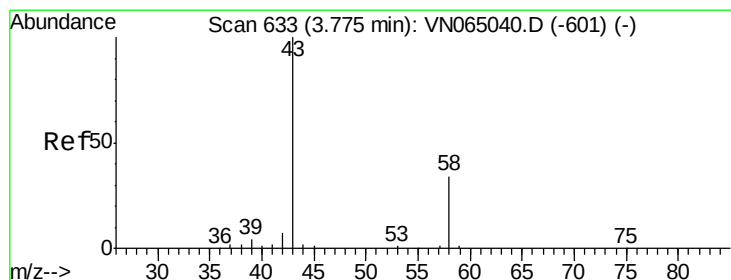
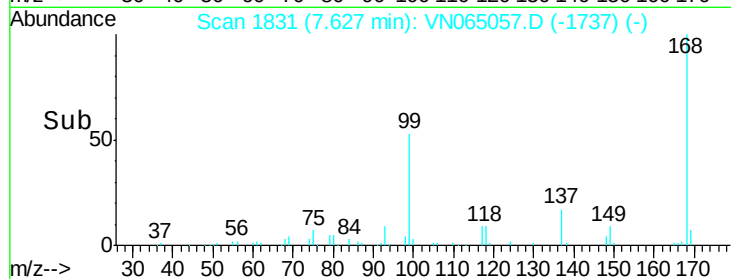
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.707 ug/l m

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN065057.D

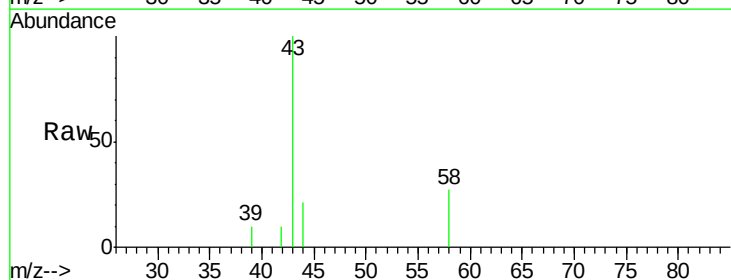
Acq: 10 Dec 2020 21:20

Tgt Ion: 43 Resp: 5854

Ion Ratio Lower Upper

43 100

58 27.3 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-601) (-)

3.78

2000

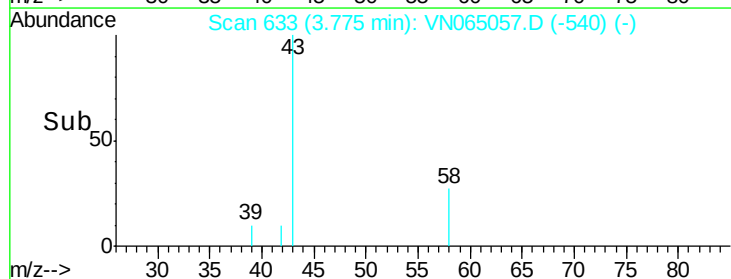
1500

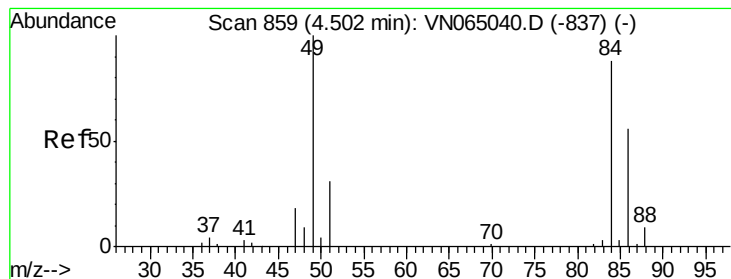
1000

500

0

Time--> 3.70 3.75 3.80 3.85 3.90





#20

Methvlene Chloride

Concen: 3.934 ug/l m

RT: 4.51 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN065057.D

Acq: 10 Dec 2020 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB133501ZHE#05

Tot Ion: 84 Resp: 6738

Ion Ratio Lower Upper

84 100

49 113.4 90.8 136.2

51 26.5 28.1 42.1#

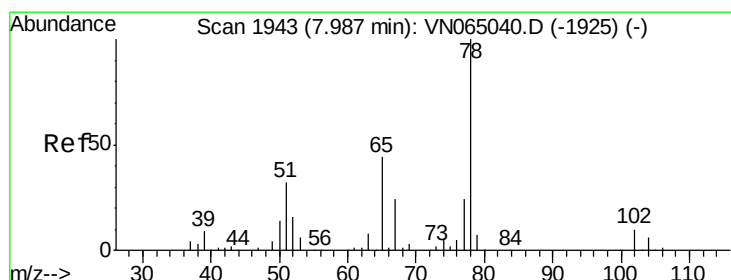
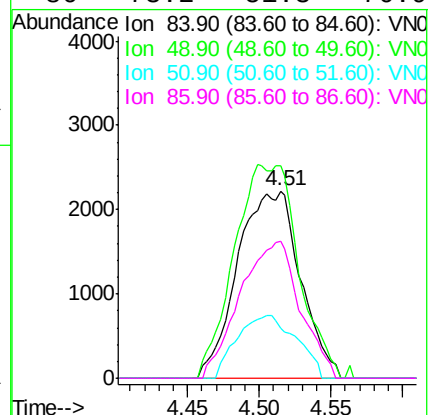
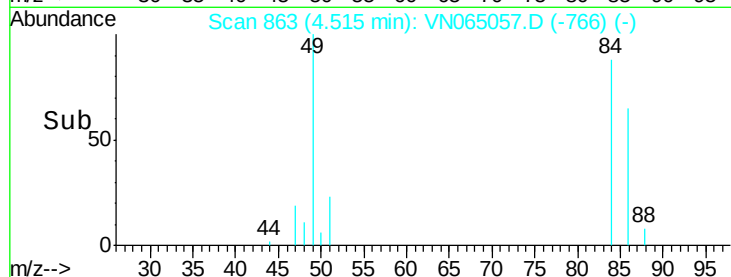
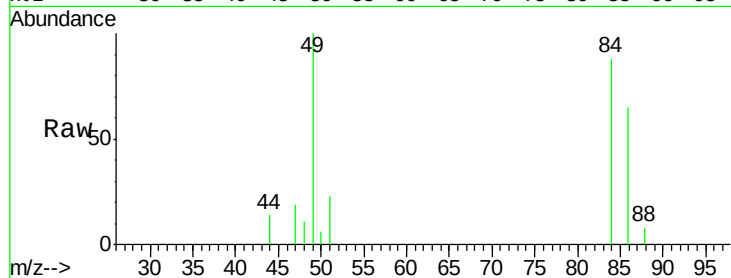
86 73.2 51.3 76.9

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#33

1,2-Dichloroethane-d4

Concen: 54.656 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN065057.D

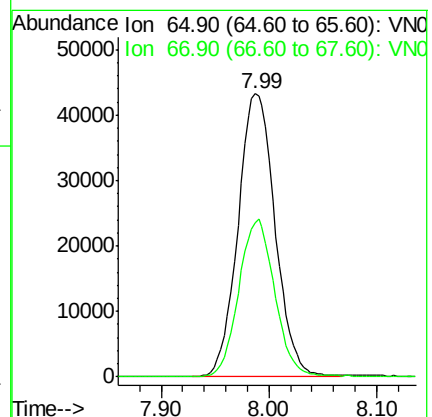
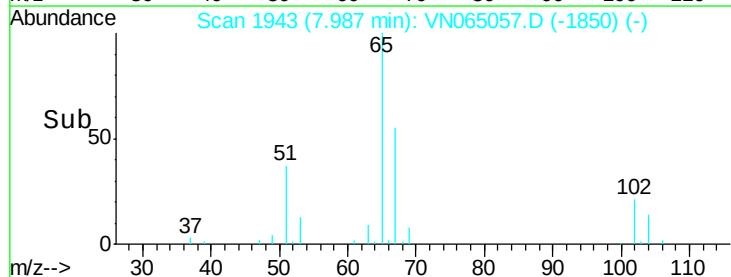
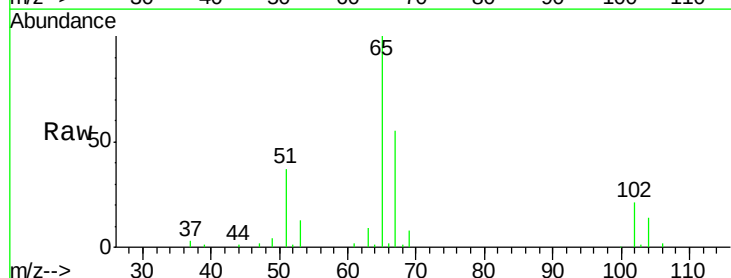
Acq: 10 Dec 2020 21:20

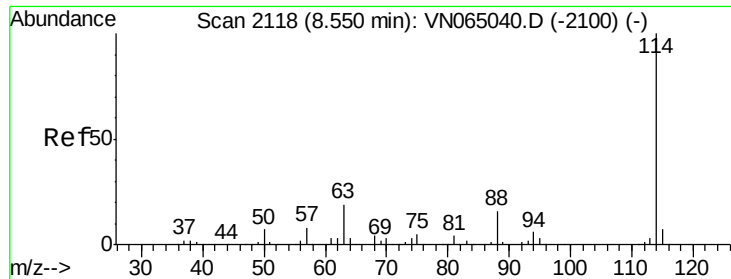
Tgt Ion: 65 Resp: 103600

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN065057.D

Acq: 10 Dec 2020 21:20

Instrument :

MSVOA_N

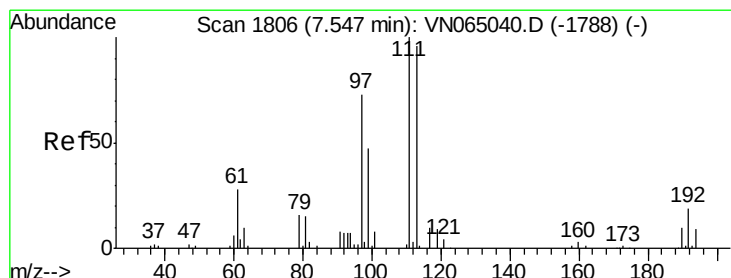
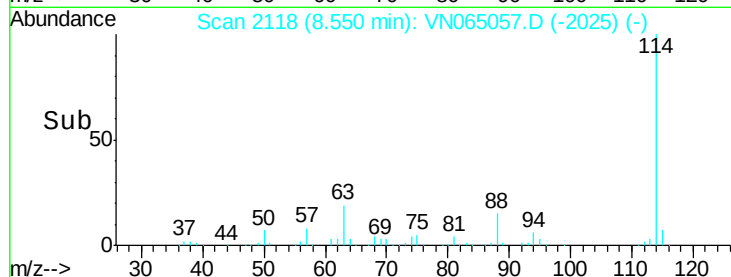
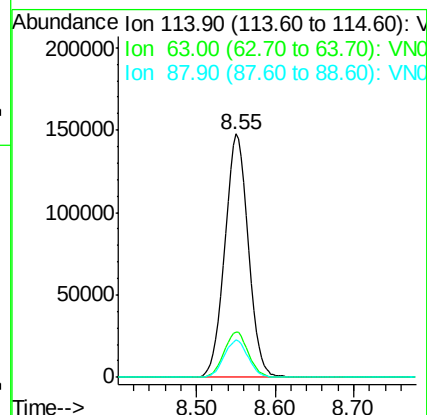
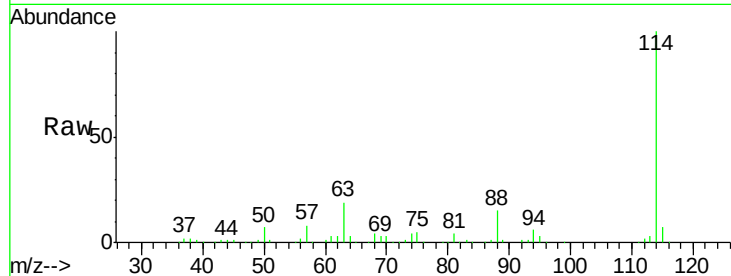
ClientSampleId :

PB133501ZHE#05

Tot Ion	Ratio	Resp	Lower	Upper
114	100	303603		
63	18.7	0.0	38.2	
88	15.3	0.0	31.6	

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#35

Dibromofluoromethane

Concen: 48.029 ug/l

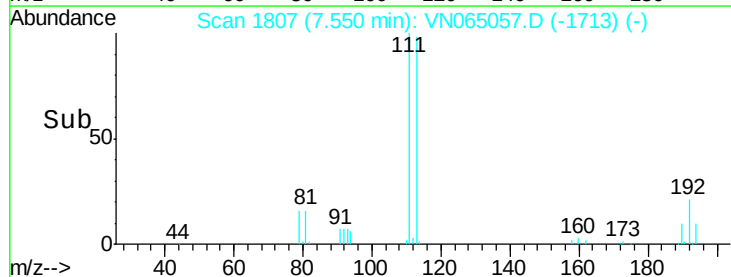
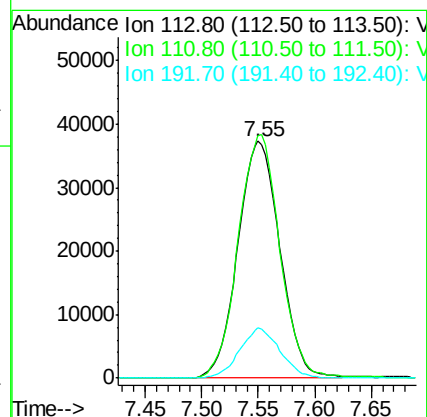
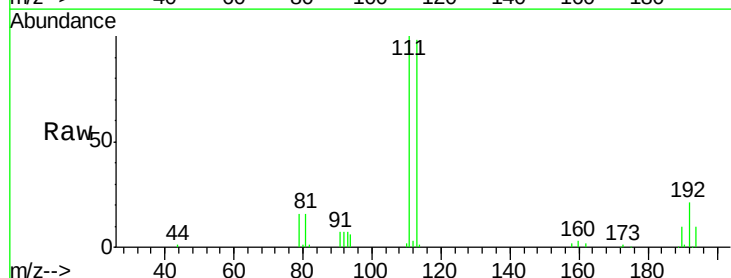
RT: 7.55 min Scan# 1807

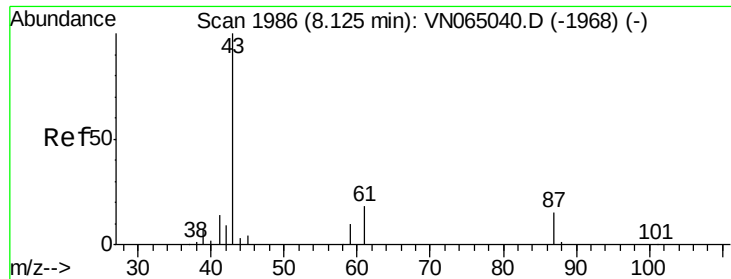
Delta R.T. 0.00 min

Lab File: VN065057.D

Acq: 10 Dec 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	96469		
111	101.7	83.4	125.0	
192	20.2	16.2	24.2	





#43

Isopropyl Acetate

Concen: 4.117 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN065057.D

Acq: 10 Dec 2020 21:20

Instrument :

MSVOA_N

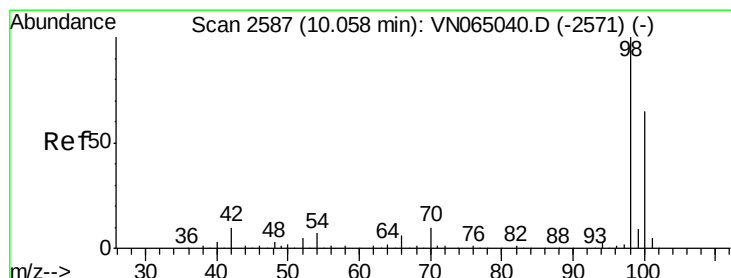
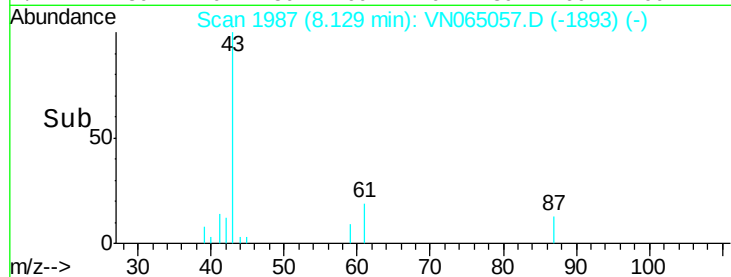
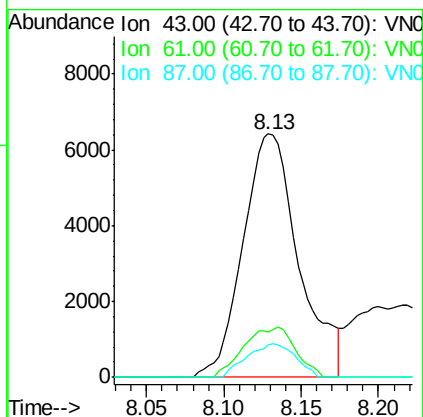
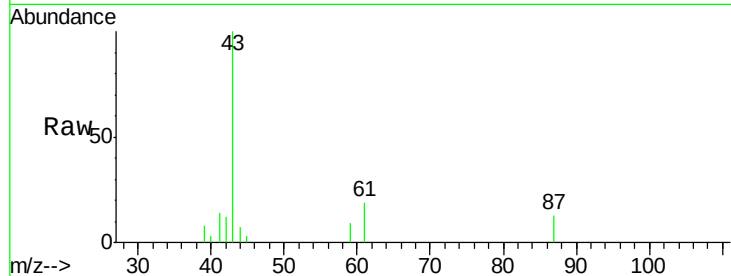
ClientSampleId :

PB133501ZHE#05

Tot Ion:	43	Resp:	16114
Ion	Ratio	Lower	Upper
43	100		
61	18.9	16.9	25.3
87	12.0	11.4	17.2

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#50

Toluene-d8

Concen: 50.518 ug/l

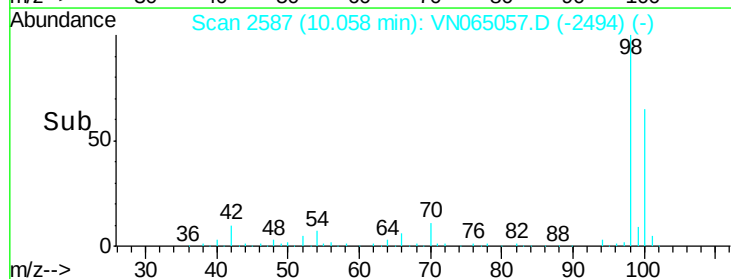
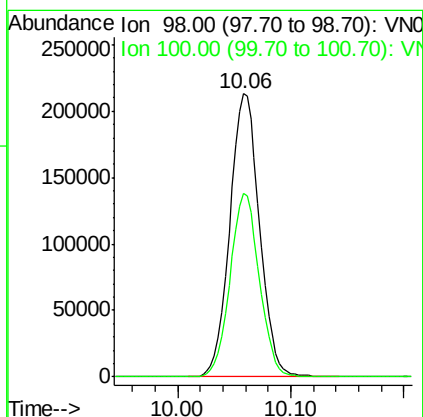
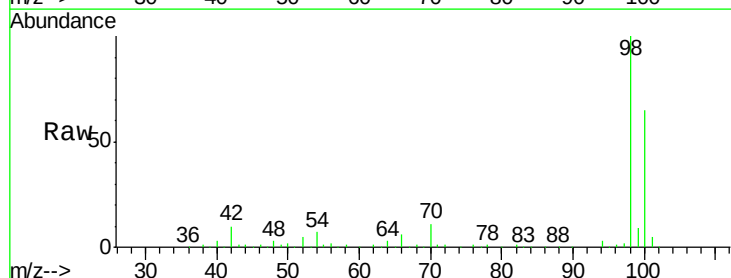
RT: 10.06 min Scan# 2587

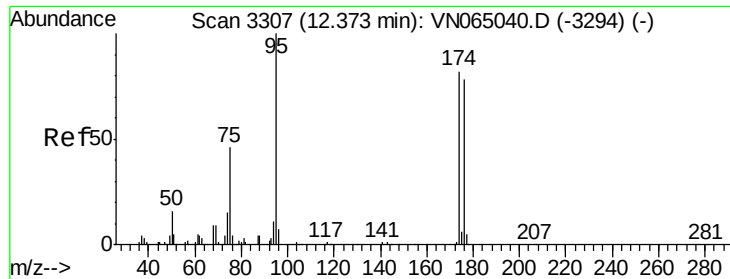
Delta R.T. 0.00 min

Lab File: VN065057.D

Acq: 10 Dec 2020 21:20

Tgt Ion:	98	Resp:	389273
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





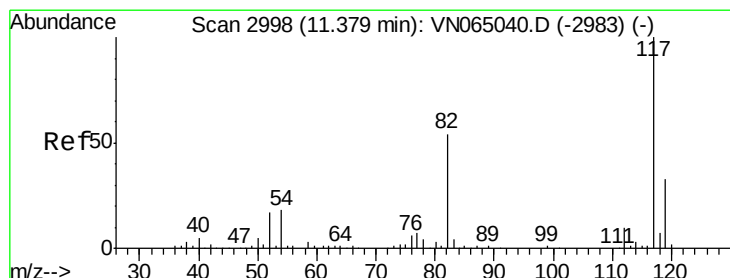
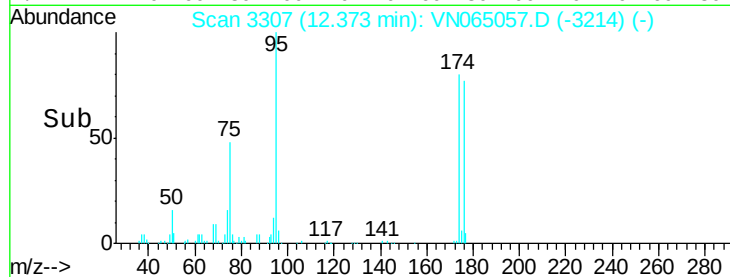
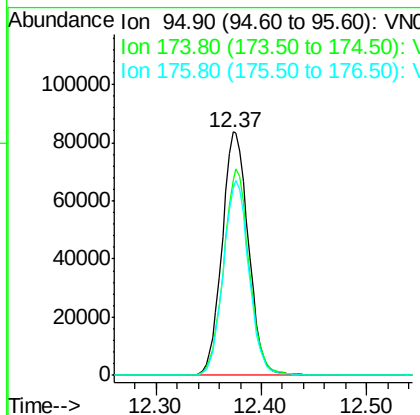
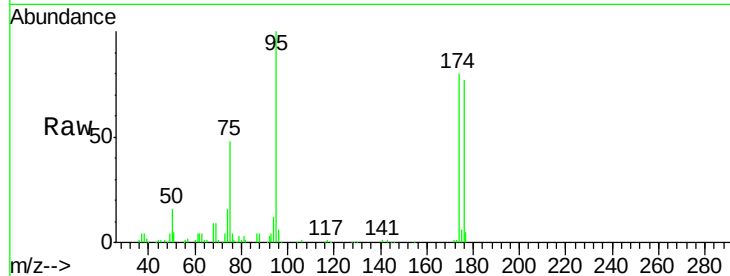
#62
4-Bromofluorobenzene
Concen: 54.736 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN065057.D
Acq: 10 Dec 2020 21:20

Instrument :
MSVOA_N
ClientSampleId :
PB133501ZHE#05

Tot Ion	Ratio	Resp	Lower	Upper
95	100	144566		
174	82.5	0.0	164.8	
176	77.5	0.0	158.8	

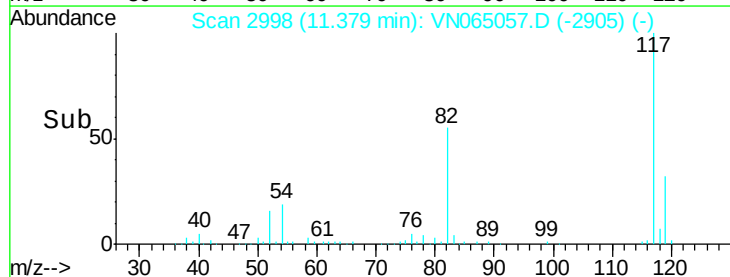
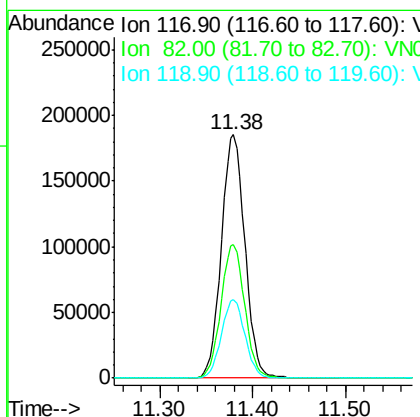
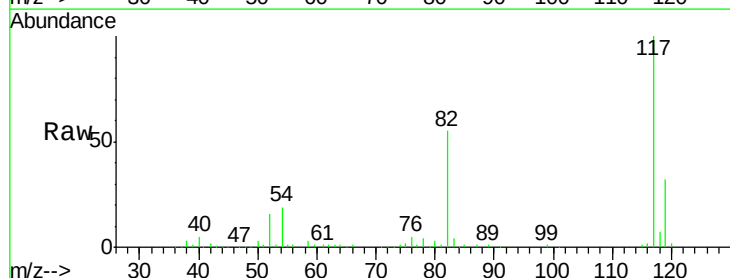
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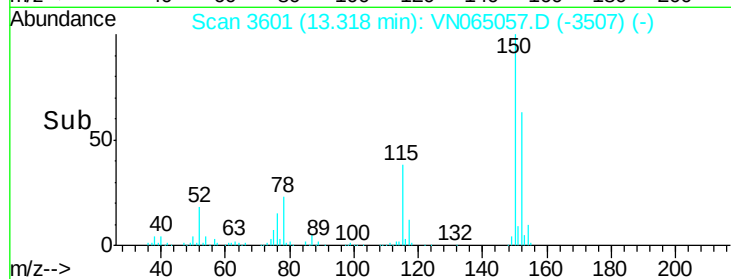
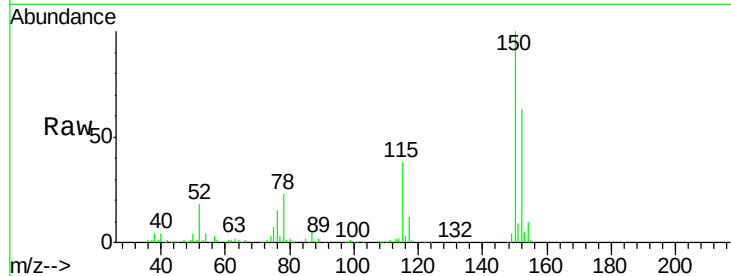
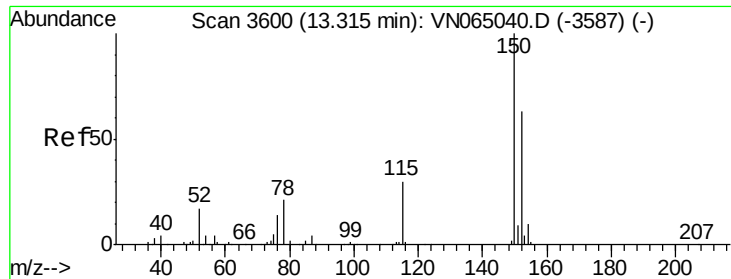
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065057.D
Acq: 10 Dec 2020 21:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	327164		
82	54.9	43.5	65.3	
119	32.0	26.4	39.6	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.32 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VN065057.D
 Acq: 10 Dec 2020 21:20

Tot Ion	Ratio	Resp	Lower	Upper
152	100	132387		
115	58.9	29.3	88.0	
150	155.9	0.0	345.8	

Instrument :
 MSVOA_N
 ClientSampleId :
 PB133501ZHE#05

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