

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063869.D
 Acq On : 5 Oct 2020 14:33
 Operator : JC/MD
 Sample : PB132063ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#01

Manual Integrations
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 10/6/2020 12:56:48 PM

Quant Time: Oct 06 02:12:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	227368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	425351	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	175933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	199685	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
35) Dibromofluoromethane	7.55	113	142012	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	10.06	98	546565	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.38	95	215833	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
16) Acetone	3.78	43	11425	9.881	ug/l	100
18) Methyl Acetate	4.29	43	3556m	1.184	ug/l	
20) Methylene Chloride	4.50	84	11945	4.599	ug/l	97
43) Isopropyl Acetate	8.13	43	79257	11.223	ug/l	100

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

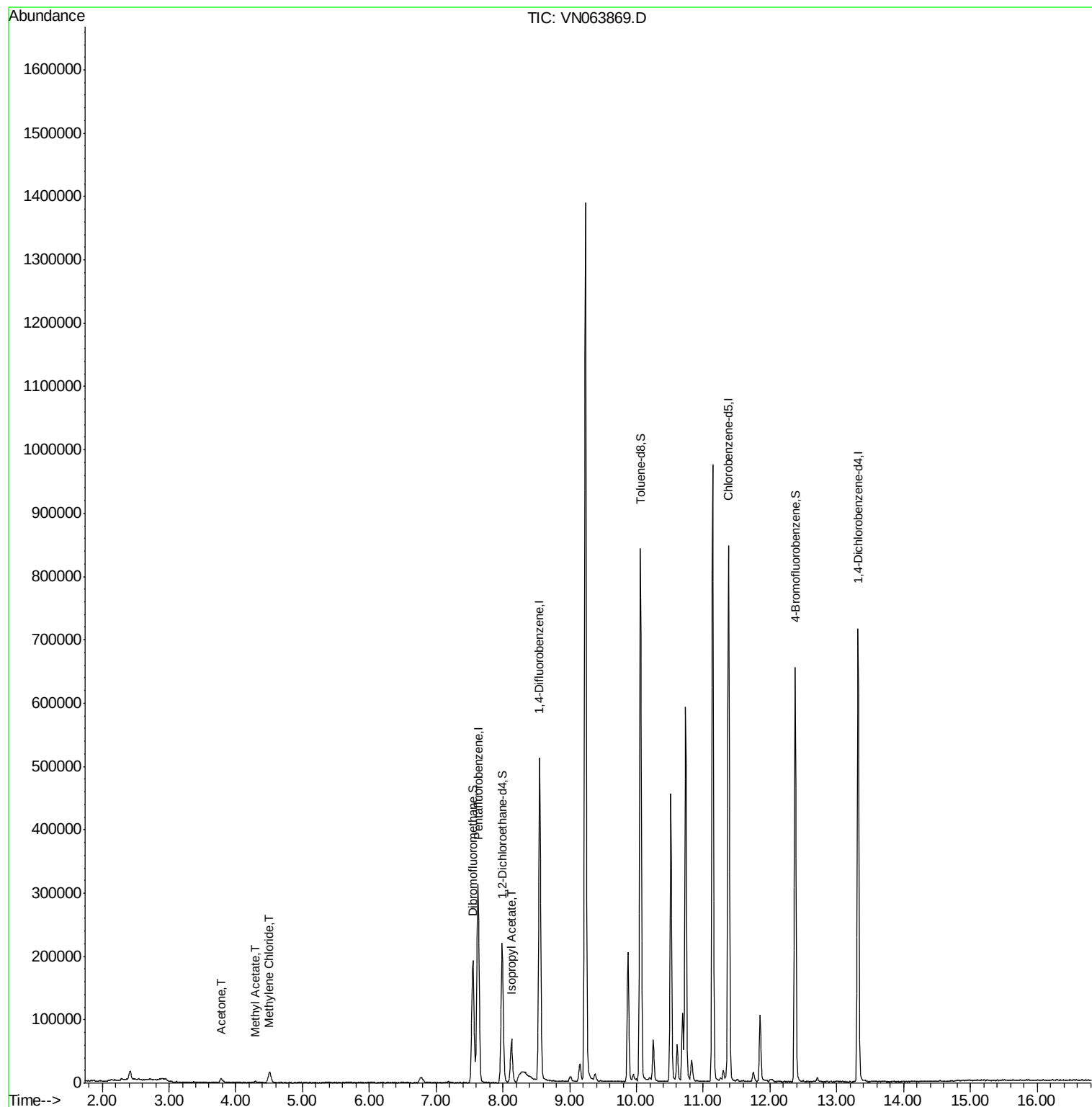
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100520\
Data File : VN063869.D
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Operator : JC/MD
Sample : PB132063ZHE#01
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ALS Vial : 12 Sample Multiplier: 1

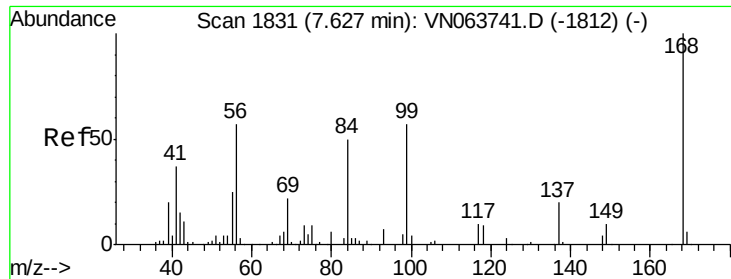
Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#01

Manual Integrations
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Quant Time: Oct 06 02:12:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 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: VN063869.D

Acq: 5 Oct 2020 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#01

Tot Ion:168 Resp: 227368

Ion Ratio Lower Upper

168 100

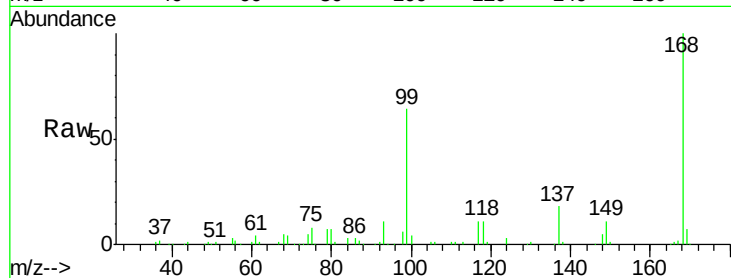
99 64.2 51.8 77.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

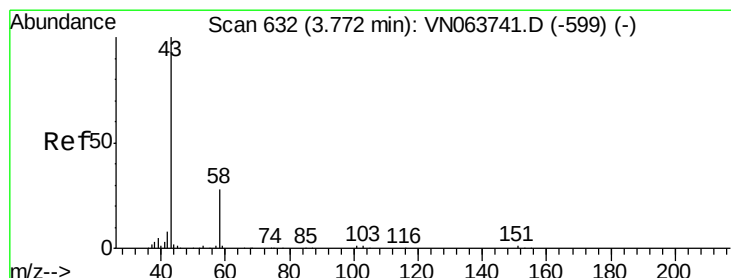
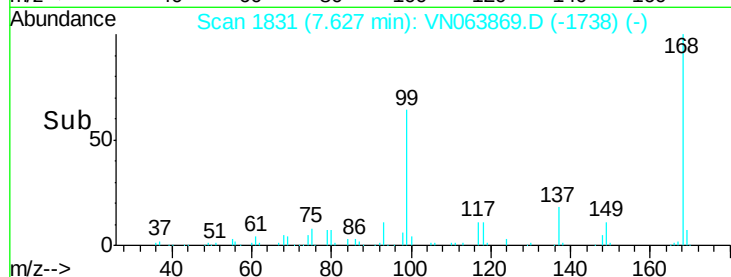
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.881 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.01 min

Lab File: VN063869.D

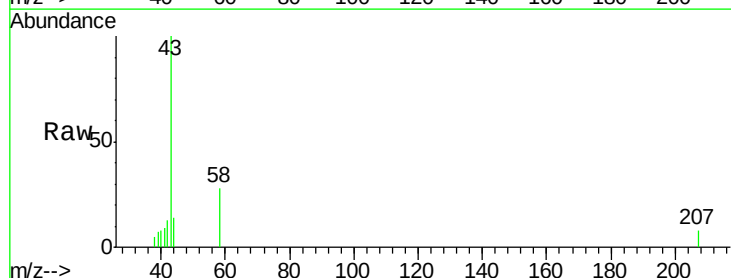
Acq: 5 Oct 2020 14:33

Tgt Ion: 43 Resp: 11425

Ion Ratio Lower Upper

43 100

58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

4000

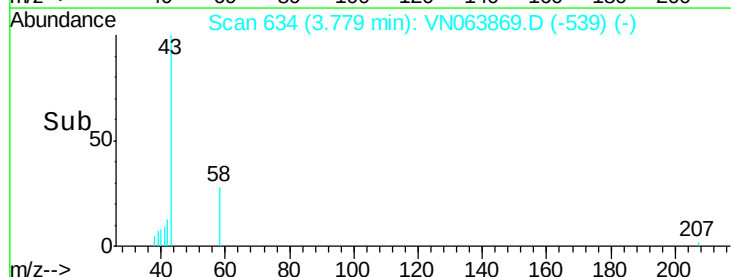
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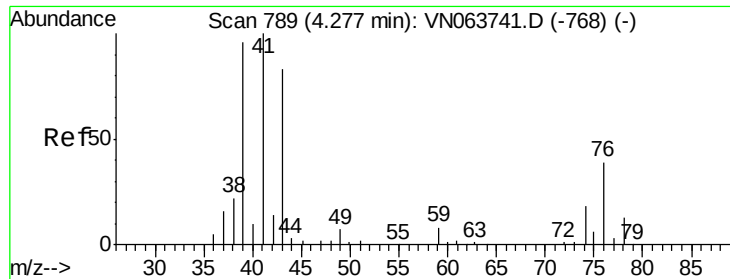
2000

1000

0

Time--> 3.70 3.75 3.80 3.85





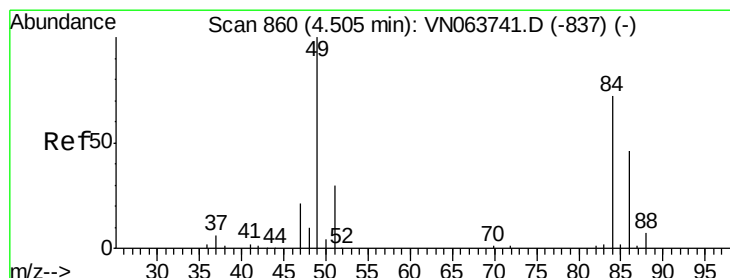
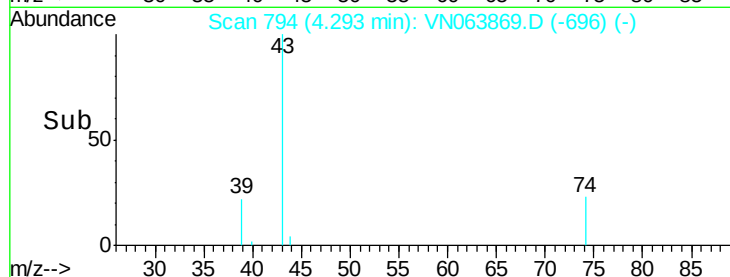
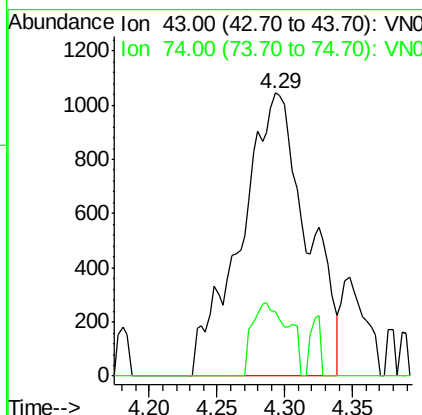
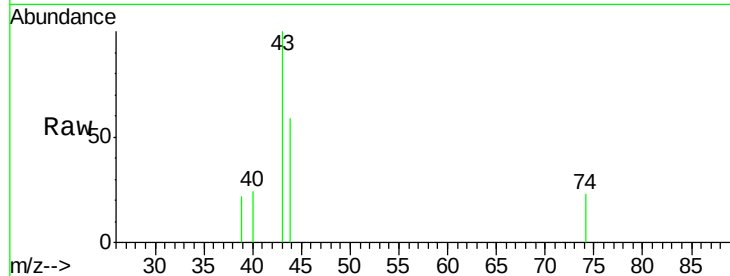
#18
Methyl Acetate
Concen: 1.184 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN063869.D
Acq: 5 Oct 2020 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#01

Tot Ion: 43 Resp: 3556
Ion Ratio Lower Upper
43 100
74 13.9 17.4 26.2#

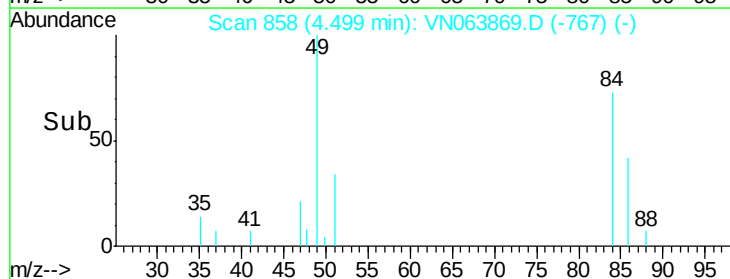
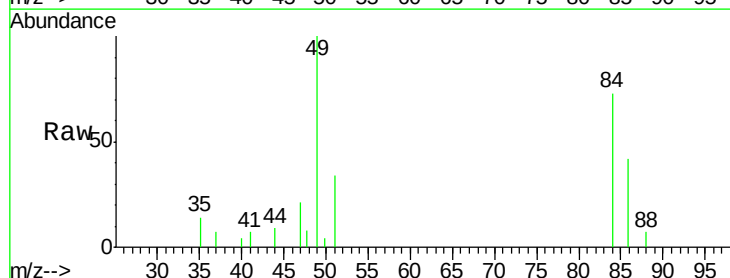
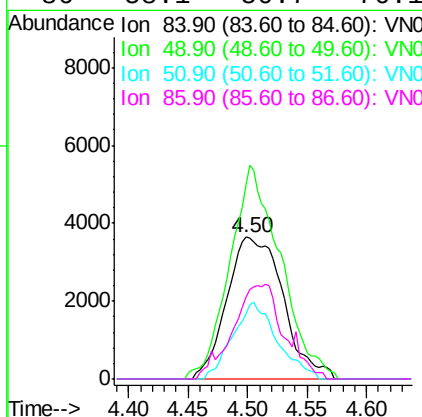
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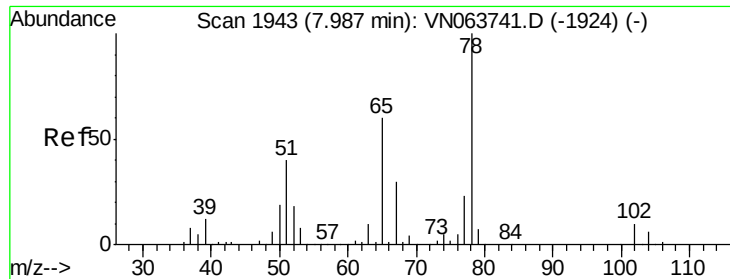
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#20
Methylene Chloride
Concen: 4.599 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063869.D
Acq: 5 Oct 2020 14:33

Tgt Ion: 84 Resp: 11945
Ion Ratio Lower Upper
84 100
49 137.0 110.4 165.6
51 46.0 33.3 49.9
86 58.1 50.7 76.1





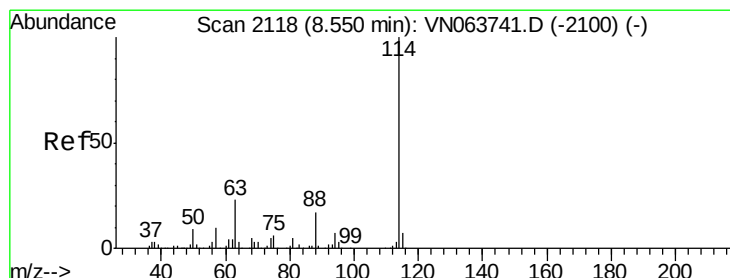
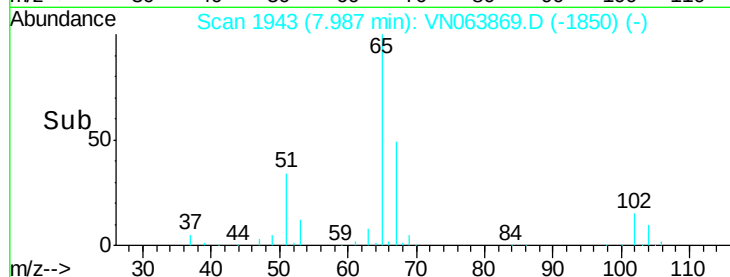
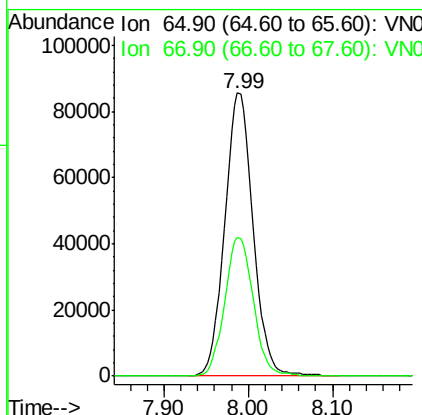
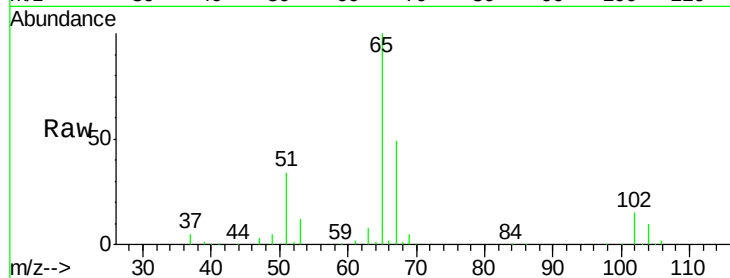
#33
 1,2-Dichloroethane-d4
 Concen: 53.160 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063869.D
 Acq: 5 Oct 2020 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199685		
67	49.6	0.0	99.6	

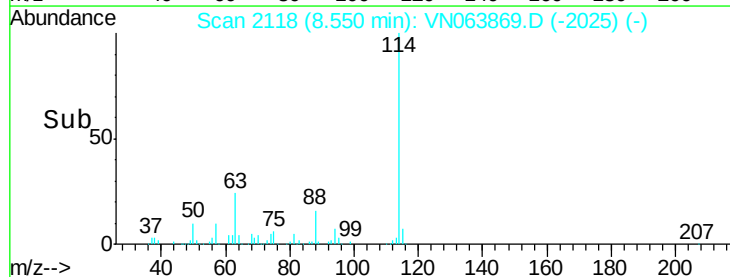
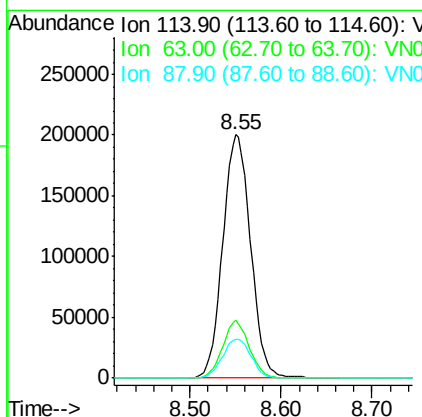
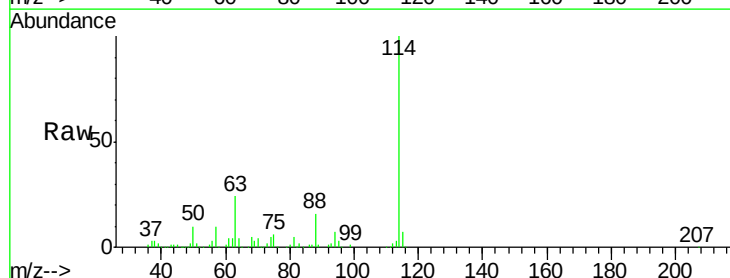
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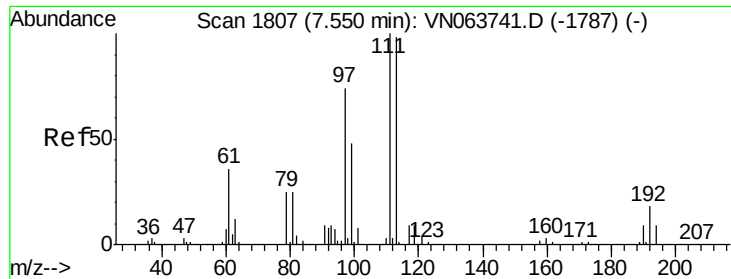
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063869.D
 Acq: 5 Oct 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	425351		
63	23.7	0.0	45.0	
88	16.1	0.0	34.0	





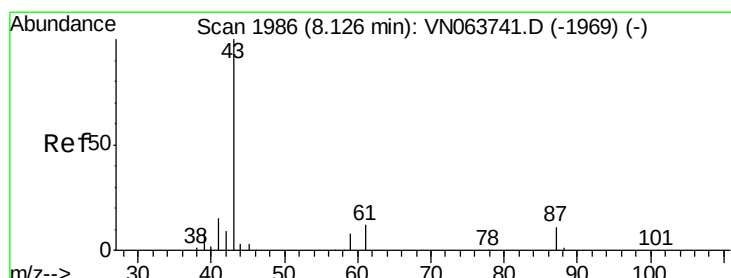
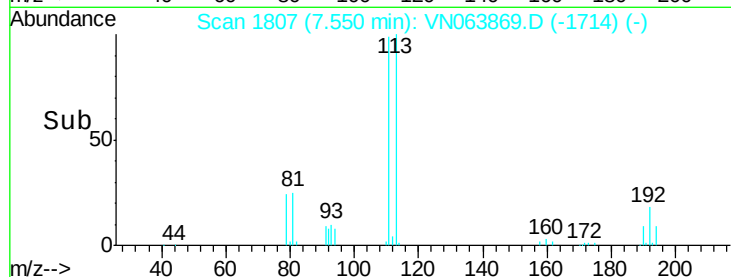
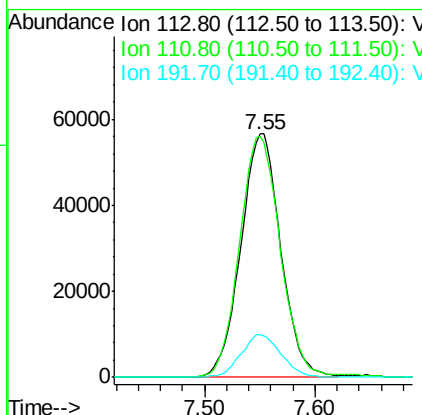
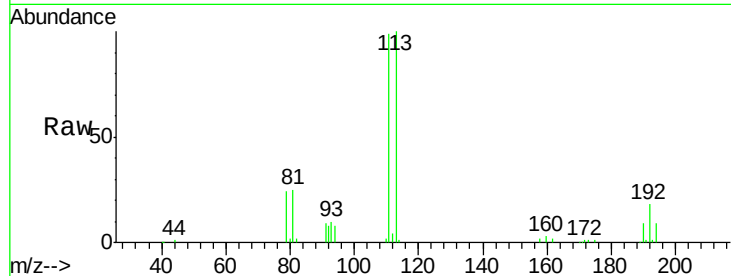
#35
 Dibromofluoromethane
 Concen: 48.117 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063869.D
 Acq: 5 Oct 2020 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142012		
111	100.7		81.8	122.8
192	17.6		14.2	21.2

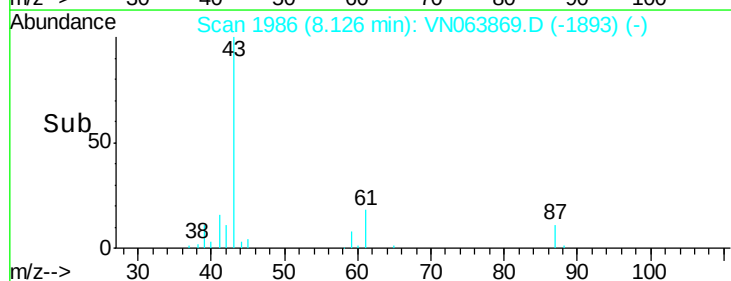
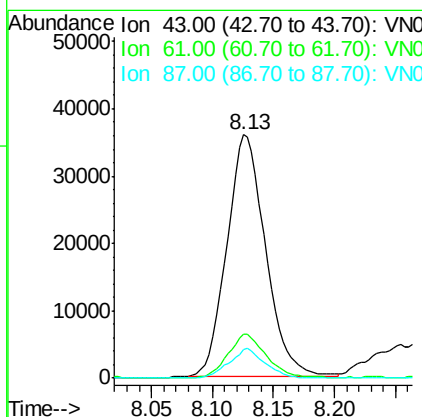
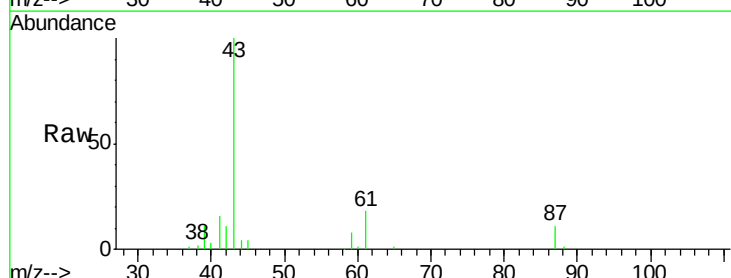
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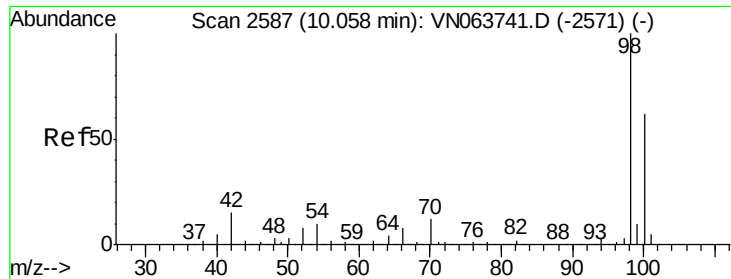
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#43
 Isopropyl Acetate
 Concen: 11.223 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063869.D
 Acq: 5 Oct 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	79257		
61	17.9		14.2	21.4
87	11.2		9.0	13.6





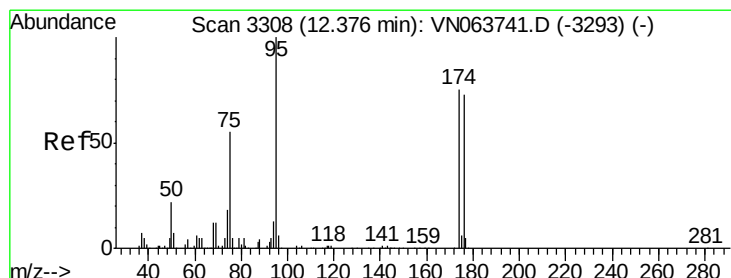
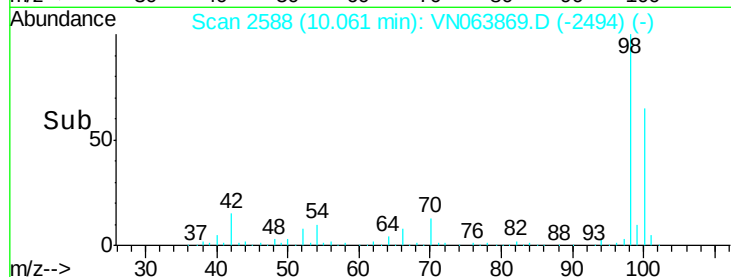
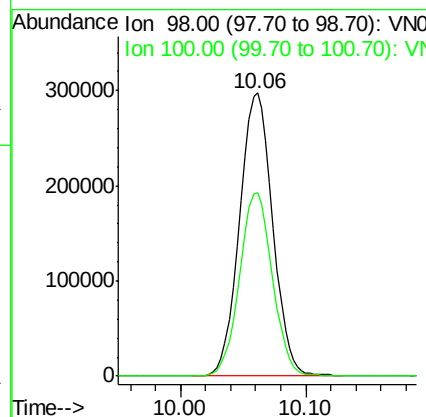
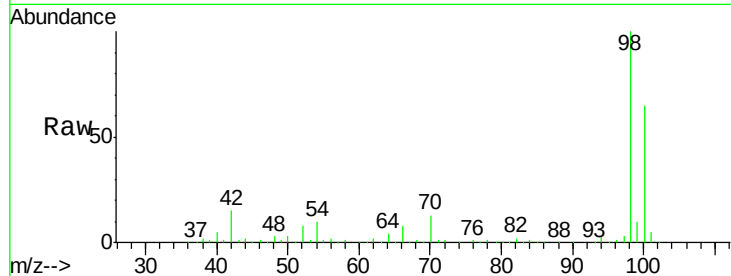
#50
Toluene-d8
Concen: 48.851 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063869.D
Acq: 5 Oct 2020 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#01

Tot Ion: 98 Resp: 546565
Ion Ratio Lower Upper
98 100
100 64.2 49.8 74.6

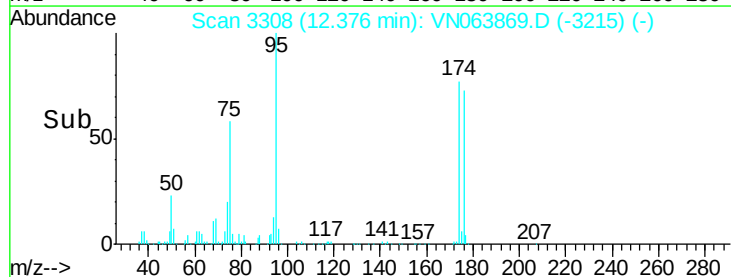
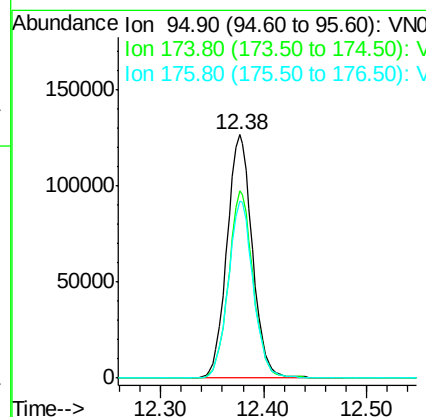
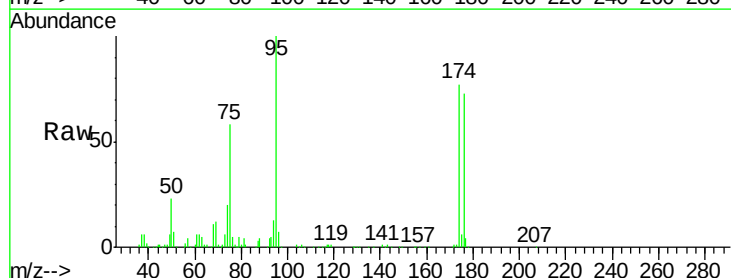
Manual Integrations
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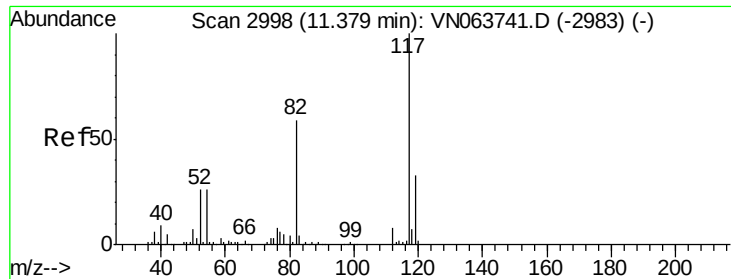
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#62
4-Bromofluorobenzene
Concen: 51.317 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063869.D
Acq: 5 Oct 2020 14:33

Tgt Ion: 95 Resp: 215833
Ion Ratio Lower Upper
95 100
174 74.5 0.0 150.6
176 71.9 0.0 145.4





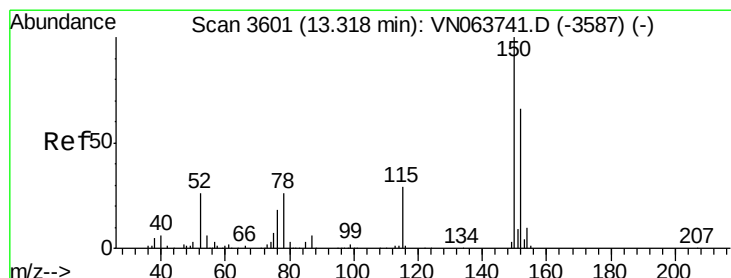
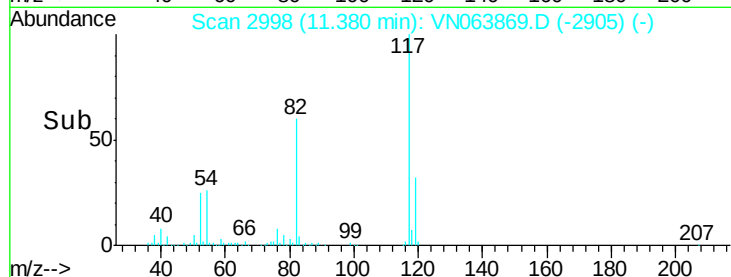
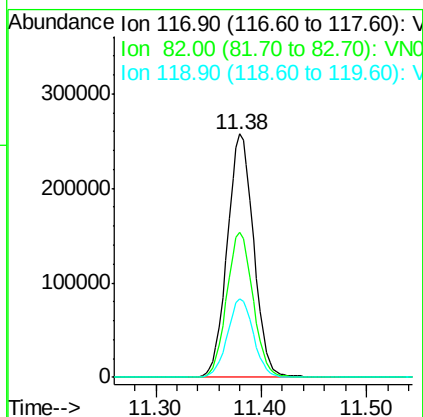
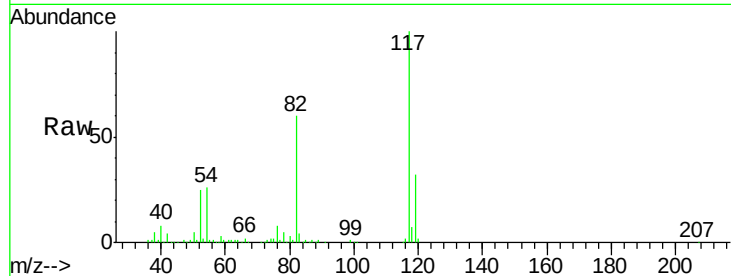
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063869.D
Acq: 5 Oct 2020 14:33

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	445504		
82	59.6	47.4	71.2	
119	32.0	26.4	39.6	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063869.D
Acq: 5 Oct 2020 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	175933		
115	61.7	31.3	93.8	
150	159.8	0.0	341.8	

