

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063882.D
 Acq On : 5 Oct 2020 19:44
 Operator : JC/MD
 Sample : PB132063ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#14

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:57:06 PM

Quant Time: Oct 06 03:34:43 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	224564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	429990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	199437	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
35) Dibromofluoromethane	7.55	113	141575	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
50) Toluene-d8	10.06	98	553351	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.38	95	213154	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
Target Compounds						
16) Acetone	3.78	43	9558	8.369	ug/l #	89
18) Methyl Acetate	4.28	43	4360m	1.470	ug/l	
20) Methylene Chloride	4.51	84	9638	3.775	ug/l	92
43) Isopropyl Acetate	8.13	43	82789	11.597	ug/l	99

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

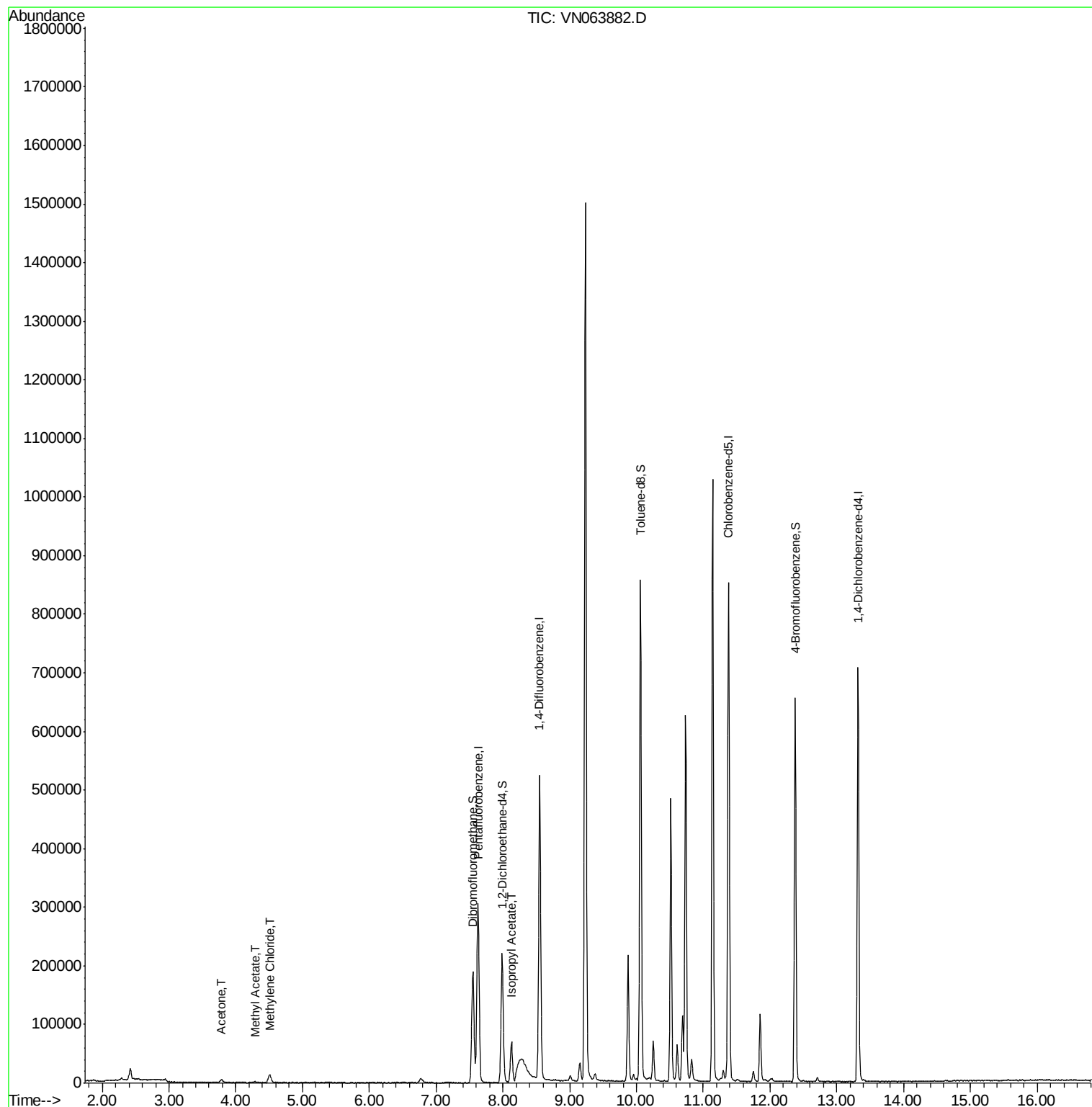
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100520\
Data File : VN063882.D
Acq On : 5 Oct 2020 19:44
Operator : JC/MD
Sample : PB132063ZHE#14
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#14

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:57:06 PM

Quant Time: Oct 06 03:34:43 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: VN063882.D

Acq: 5 Oct 2020 19:44

Instrument :

MSVOA_N

ClientSampleId :

PB132063ZHE#14

Tot Ion:168 Resp: 224564

Ion Ratio Lower Upper

168 100

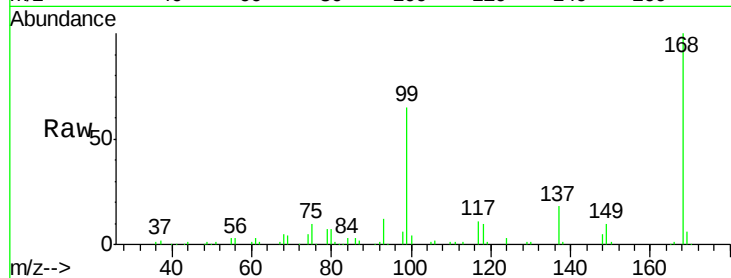
99 65.1 51.8 77.6

Manual Integrations

APPROVED

MMDadoda

10/6/2020 12:57:06 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

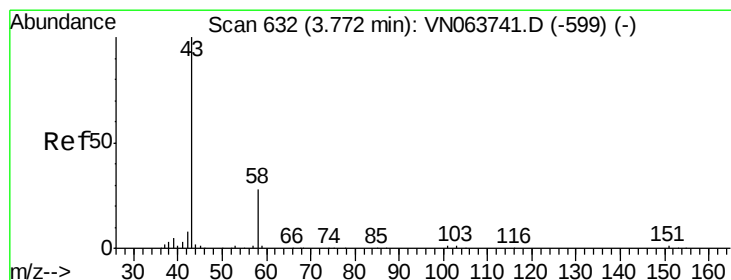
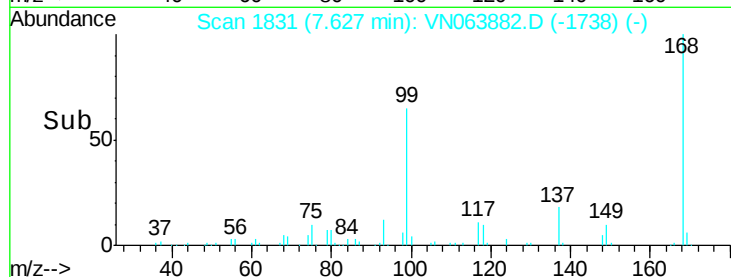
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 8.369 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN063882.D

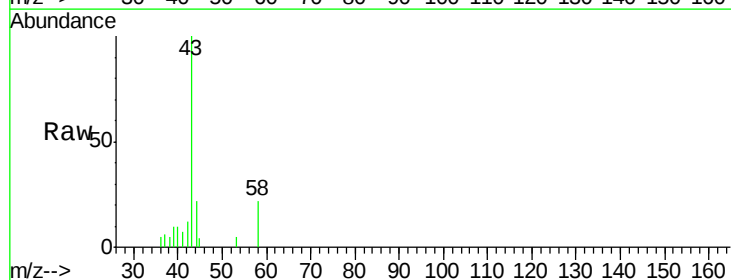
Acq: 5 Oct 2020 19:44

Tgt Ion: 43 Resp: 9558

Ion Ratio Lower Upper

43 100

58 22.0 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

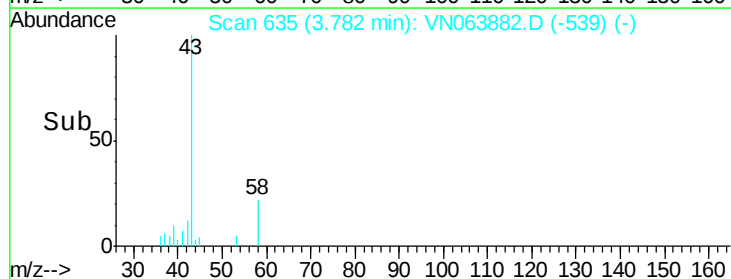
3000

2000

1000

0

Time--> 3.70 3.75 3.80 3.85





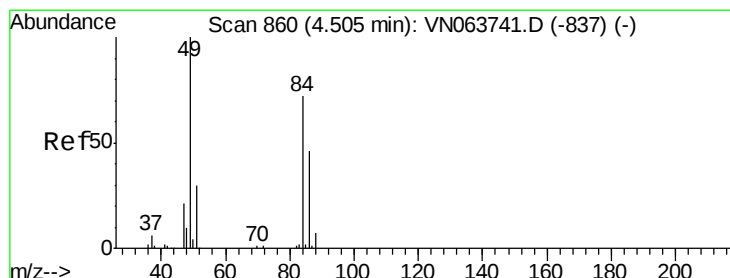
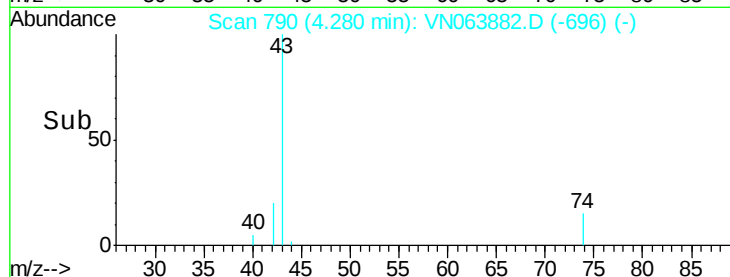
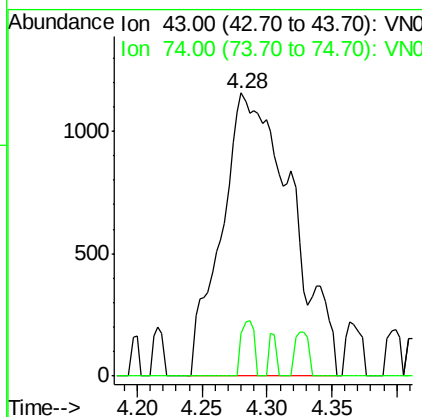
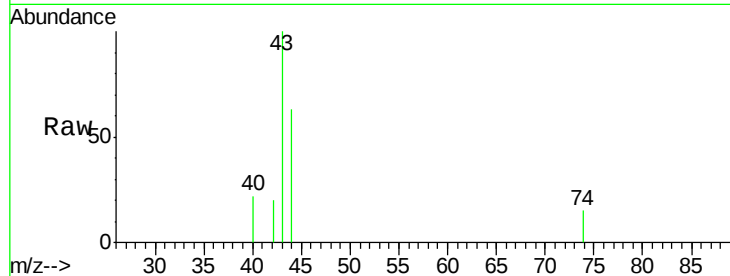
#18
Methvl Acetate
Concen: 1.470 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063882.D
Acq: 5 Oct 2020 19:44

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#14

Tot Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
74 3.6 17.4 26.2#

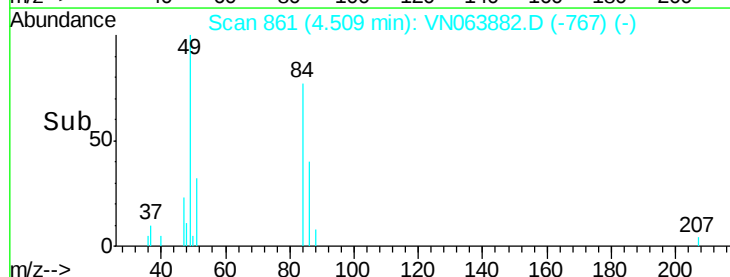
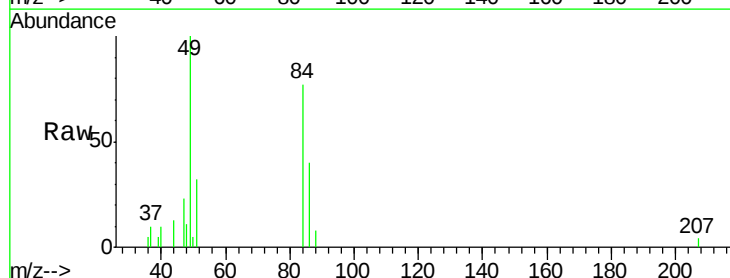
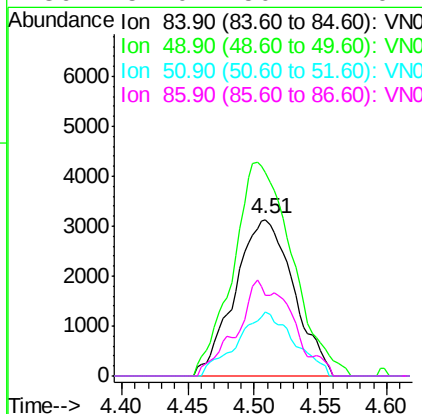
Manual Integrations
APPROVED

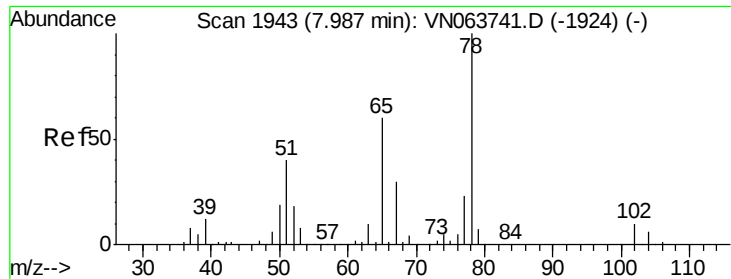
MMDadoda
10/6/2020 12:57:06 PM



#20
Methylene Chloride
Concen: 3.775 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN063882.D
Acq: 5 Oct 2020 19:44

Tgt Ion: 84 Resp: 9638
Ion Ratio Lower Upper
84 100
49 130.1 110.4 165.6
51 41.2 33.3 49.9
86 52.0 50.7 76.1





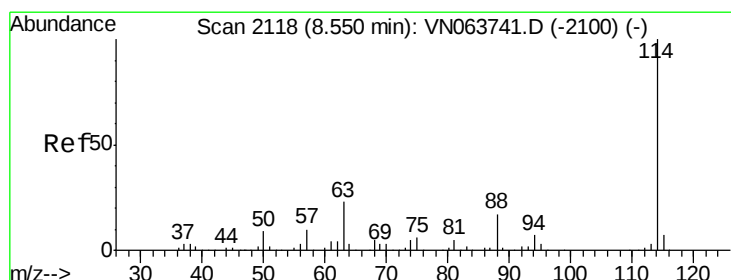
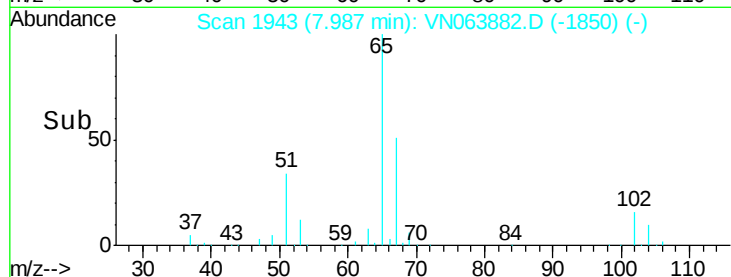
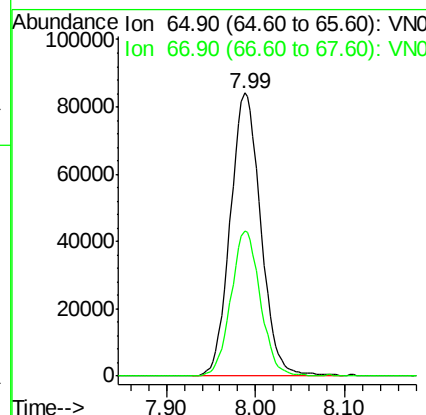
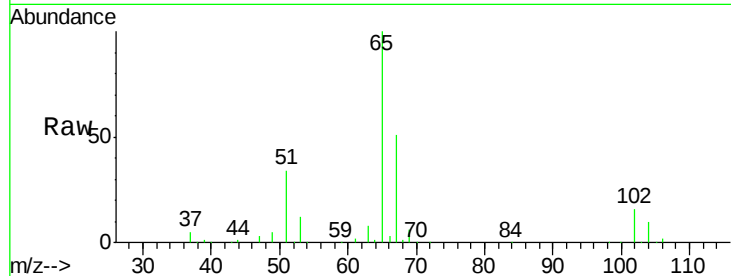
#33
 1,2-Dichloroethane-d4
 Concen: 53.757 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063882.D
 Acq: 5 Oct 2020 19:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#14

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199437		
67	49.5	0.0	99.6	

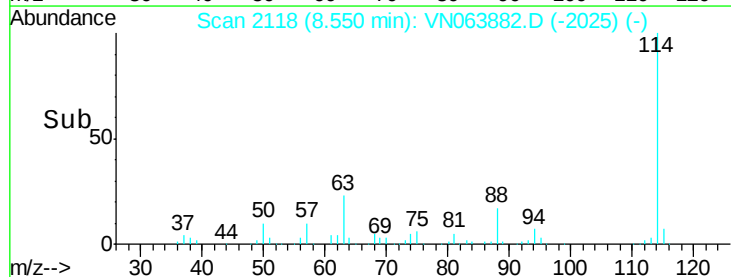
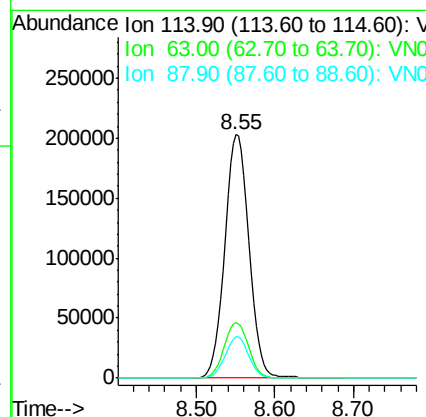
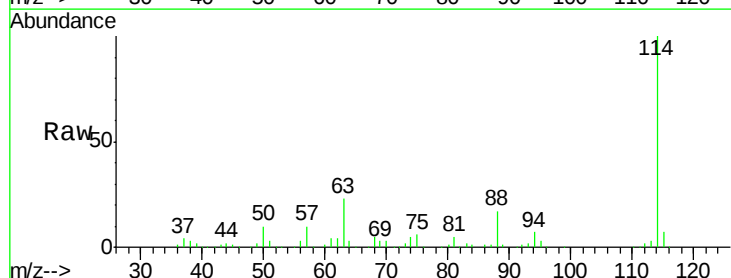
Manual Integrations
 APPROVED

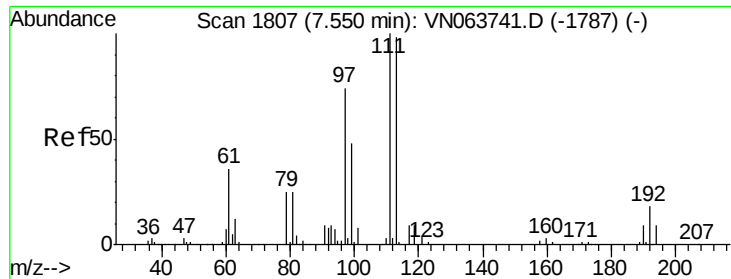
MMDadoda
 10/6/2020 12:57:06 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063882.D
 Acq: 5 Oct 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	429990		
63	22.9	0.0	45.0	
88	16.9	0.0	34.0	





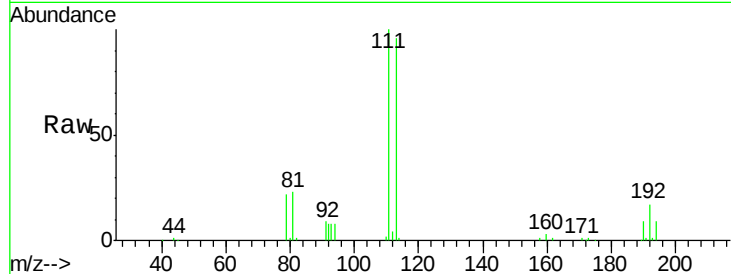
#35
 Dibromofluoromethane
 Concen: 47.451 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063882.D
 Acq: 5 Oct 2020 19:44

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132063ZHE#14

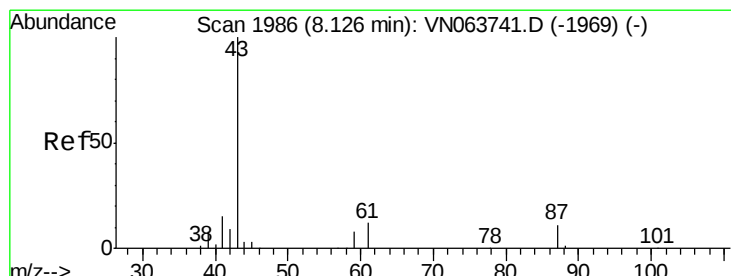
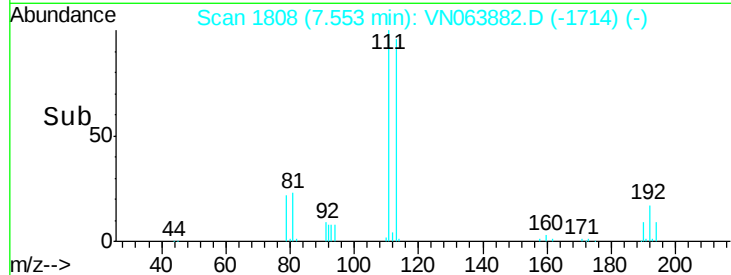
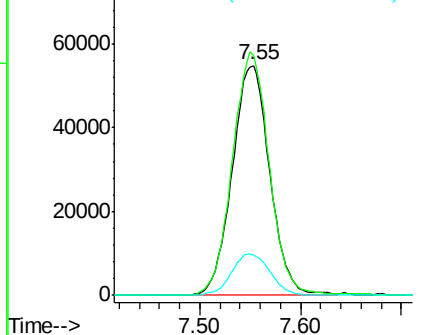
Tot Ion	Ratio	Resp	Lower	Upper
113	100	141575		
111	103.8	81.8	122.8	
192	18.5	14.2	21.2	

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:57:06 PM

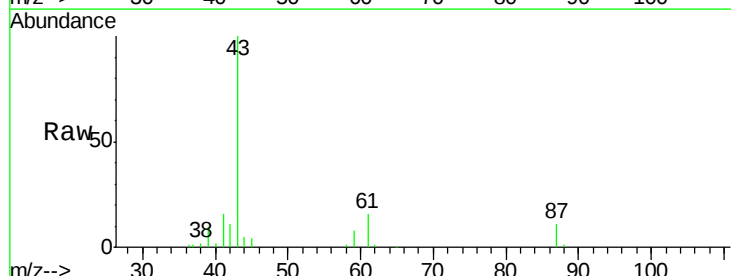


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

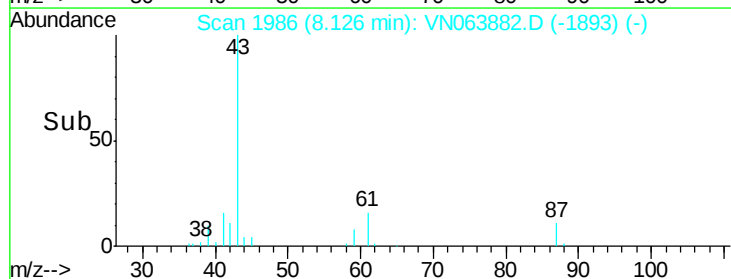
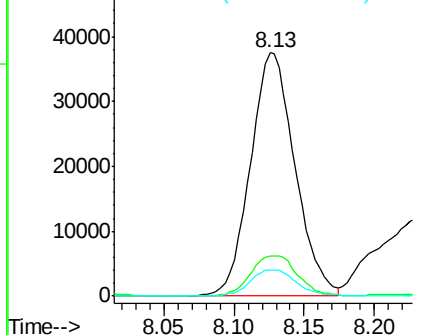


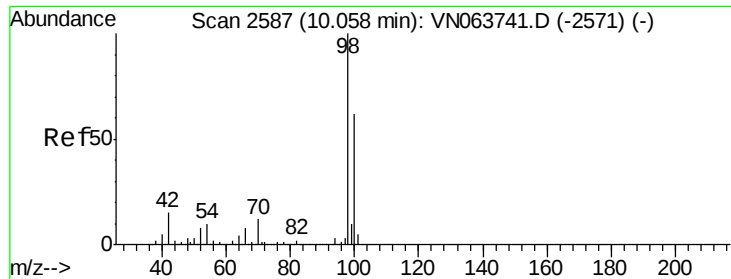
#43
 Isopropyl Acetate
 Concen: 11.597 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063882.D
 Acq: 5 Oct 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	82789		
61	17.5	14.2	21.4	
87	11.0	9.0	13.6	



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





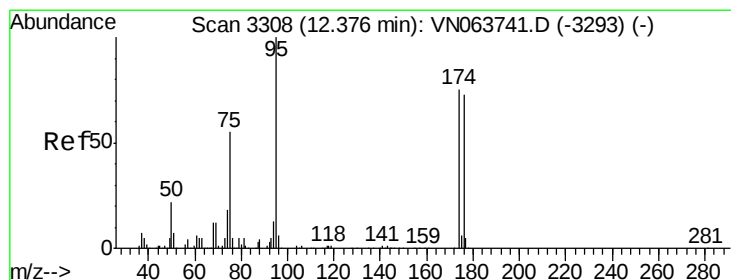
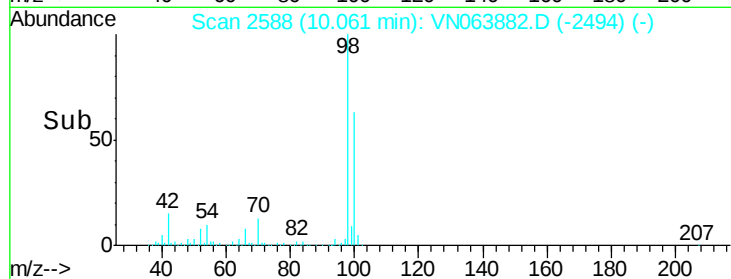
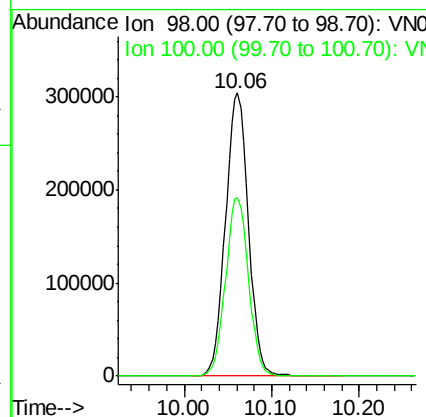
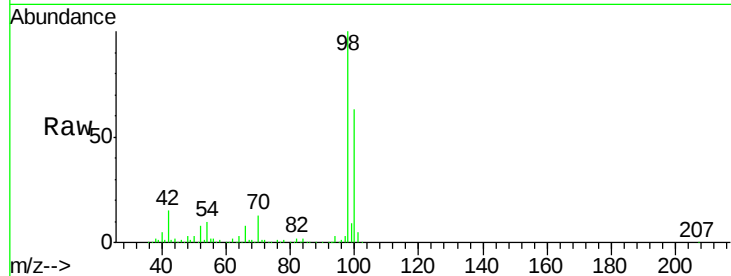
#50
Toluene-d8
Concen: 48.924 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063882.D
Acq: 5 Oct 2020 19:44

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		553351		
100	63.2	49.8	74.6		

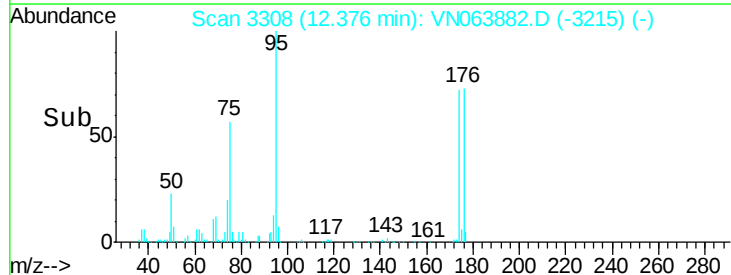
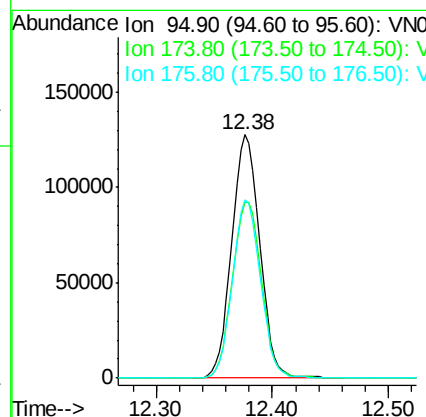
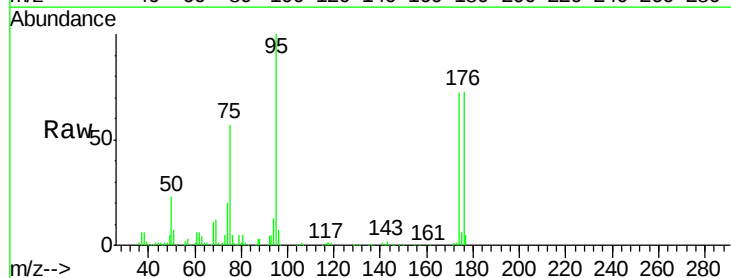
Manual Integrations
APPROVED

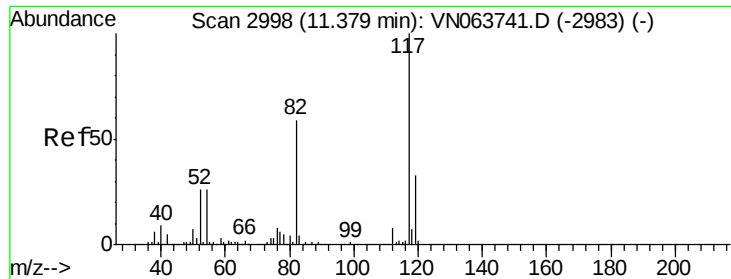
MMDadoda
10/6/2020 12:57:06 PM



#62
4-Bromofluorobenzene
Concen: 50.133 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063882.D
Acq: 5 Oct 2020 19:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		213154		
174	75.2	0.0	150.6		
176	73.0	0.0	145.4		





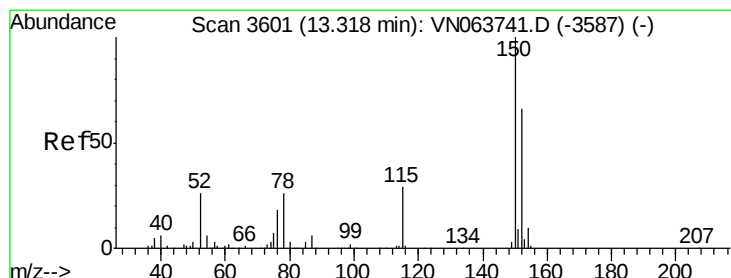
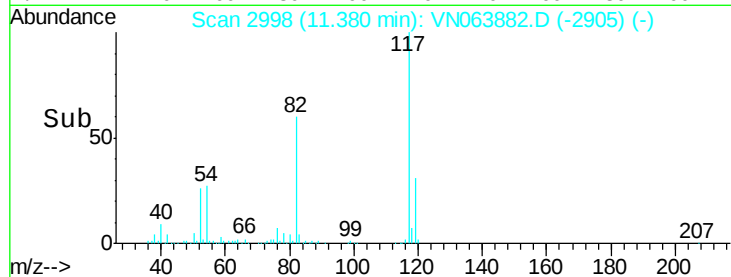
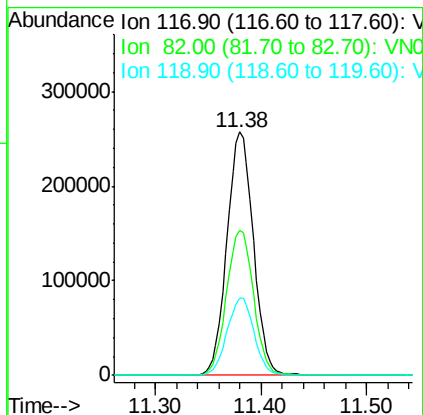
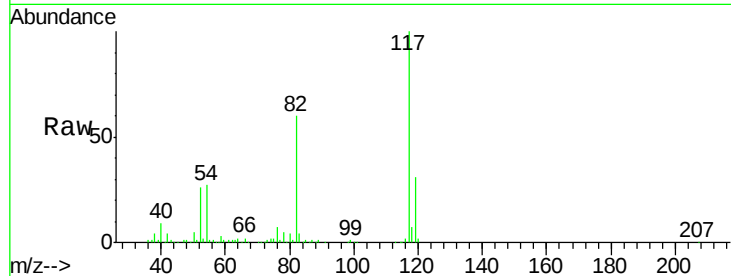
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063882.D
Acq: 5 Oct 2020 19:44

Instrument :
MSVOA_N
ClientSampleId :
PB132063ZHE#14

Tot Ion	Ratio	Resp	Lower	Upper
117	100	445935		
82	59.7		47.4	71.2
119	31.5		26.4	39.6

Manual Integrations
APPROVED

MMDadoda
10/6/2020 12:57:06 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063882.D
Acq: 5 Oct 2020 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	172844		
115	63.7		31.3	93.8
150	158.1		0.0	341.8

