

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064356.D
 Acq On : 28 Oct 2020 16:45
 Operator : JC/MD
 Sample : L4224-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-102720

Manual Integrations
 APPROVED

MMDadoda
 10/29/2020 12:01:33 PM

Quant Time: Oct 29 03:42:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	245723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	425656	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	429020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.98	65	192891	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
35) Dibromofluoromethane	7.55	113	141082	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	10.06	98	532581	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.38	95	220986	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
Target Compounds						
16) Acetone	3.78	43	20043	7.771	ug/l #	89
18) Methyl Acetate	4.29	43	4186m	1.411	ug/l	
20) Methylene Chloride	4.50	84	6909	2.467	ug/l	88
43) Isopropyl Acetate	8.12	43	92529	12.474	ug/l #	89

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

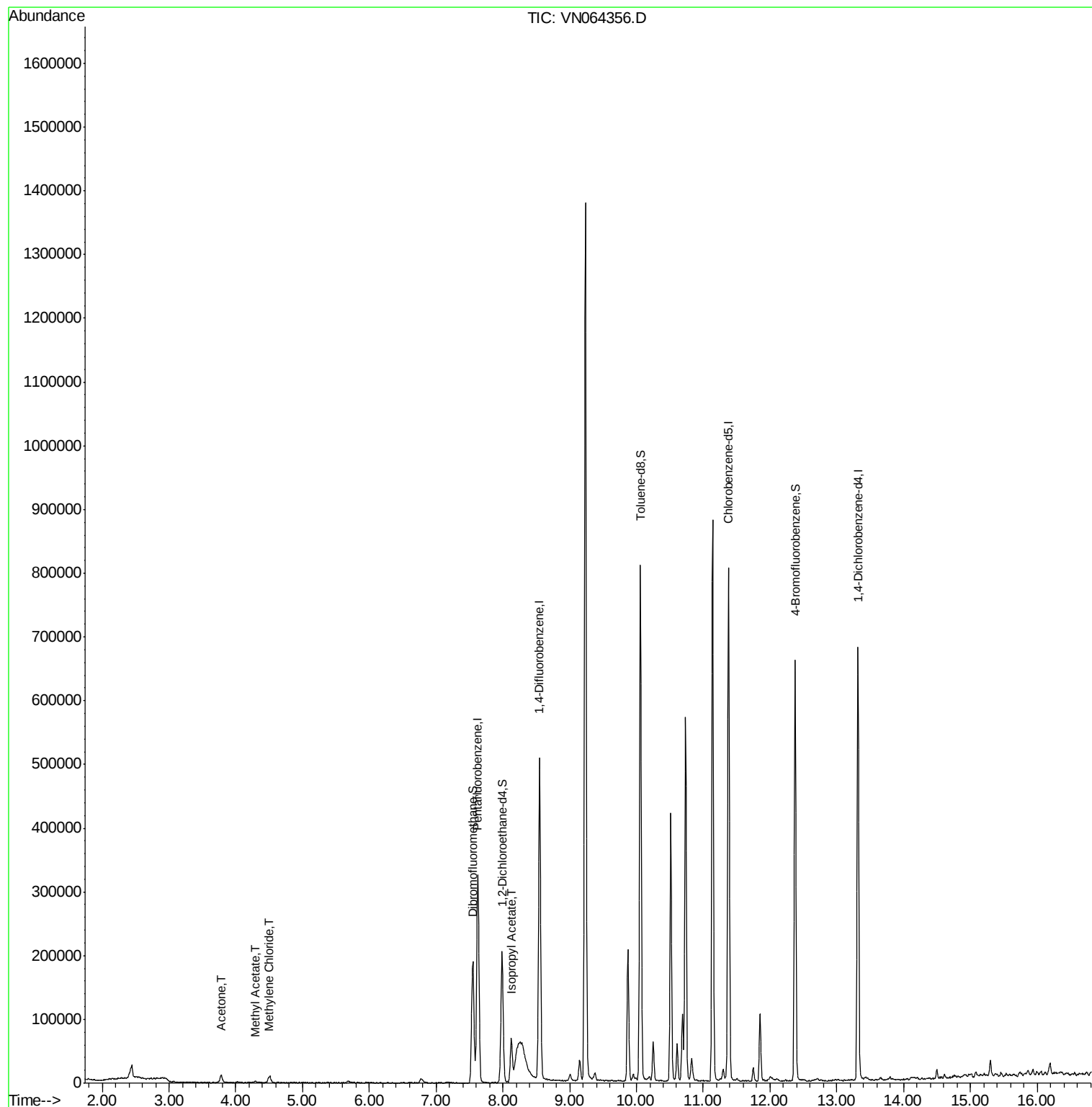
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102820\
Data File : VN064356.D
Acq On : 28 Oct 2020 16:45
Operator : JC/MD
Sample : L4224-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

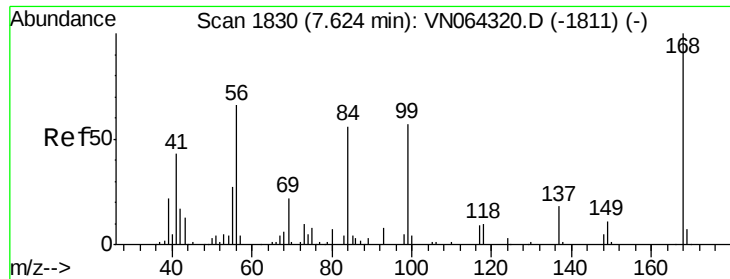
Instrument :
MSVOA_N
ClientSampleId :
OR-02-102720

Manual Integrations
APPROVED

MMDadoda
10/29/2020 12:01:33 PM

Quant Time: Oct 29 03:42:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 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: VN064356.D

Acq: 28 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

OR-02-102720

Tot Ion:168 Resp: 245723

Ion Ratio Lower Upper

168 100

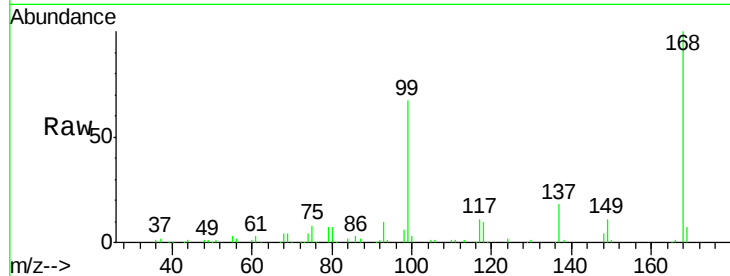
99 66.9 52.7 79.1

Manual Integrations

APPROVED

MMDadoda

10/29/2020 12:01:33 PM



Abundance Ion 167.90 (167.60 to 168.60): VN064320.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064320.D (-1811) (-)

7.62

100000

80000

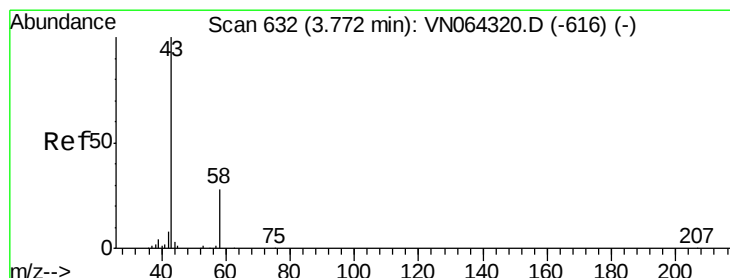
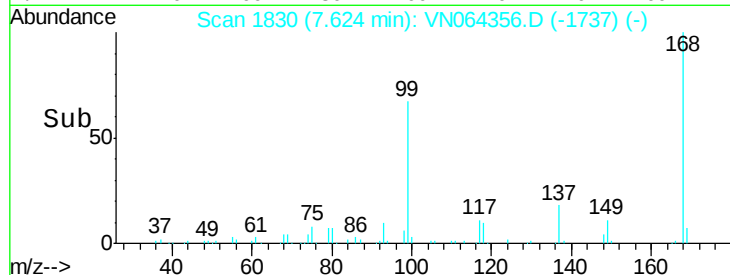
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 7.771 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064356.D

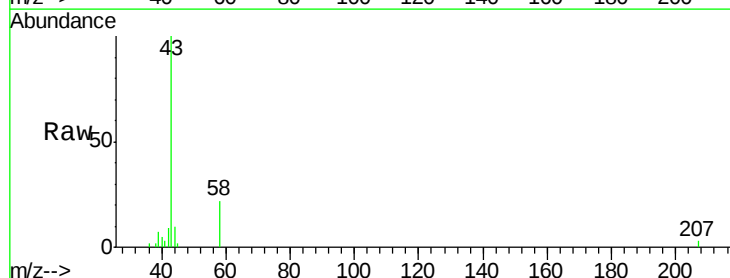
Acq: 28 Oct 2020 16:45

Tgt Ion: 43 Resp: 20043

Ion Ratio Lower Upper

43 100

58 22.1 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-616) (-)

3.78

8000

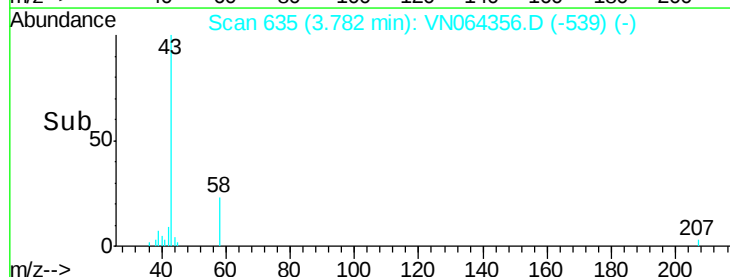
6000

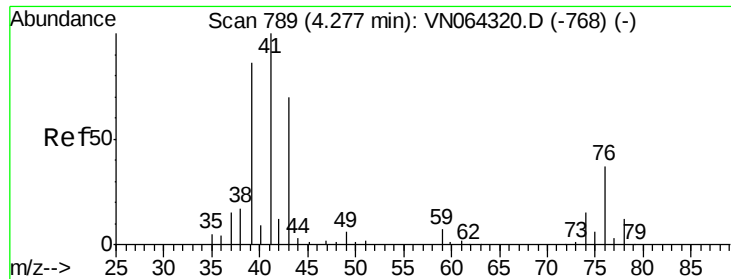
4000

2000

0

Time--> 3.65 3.70 3.75 3.80 3.85





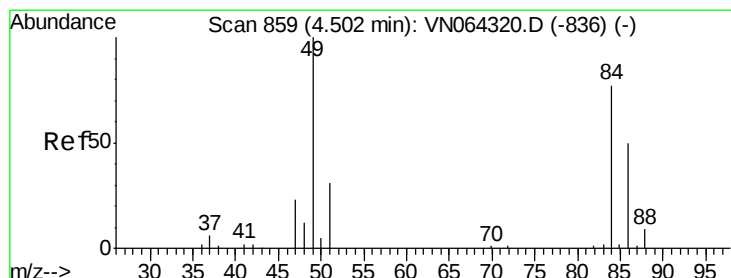
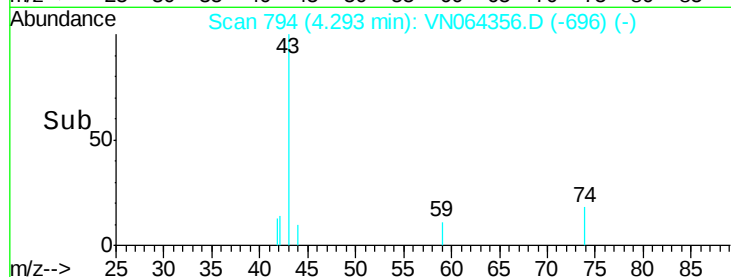
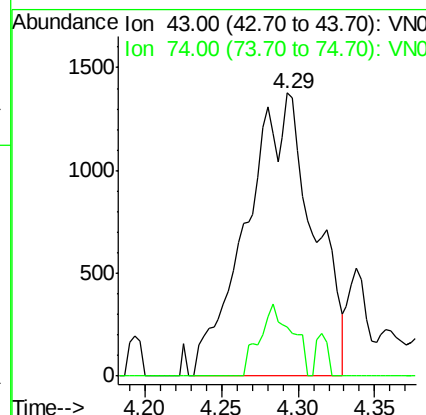
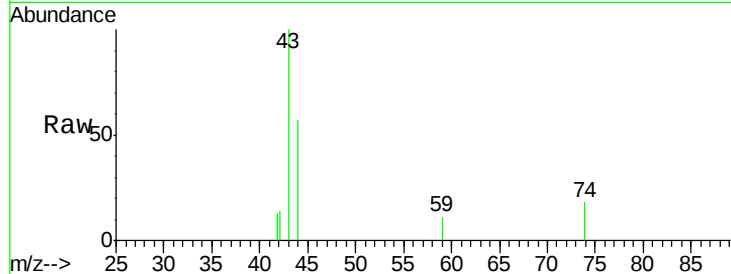
#18
Methyl Acetate
Concen: 1.411 ug/l m
RT: 4.29 min Scan# 794
Delta R.T. 0.02 min
Lab File: VN064356.D
Acq: 28 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
OR-02-102720

Tot Ion: 43 Resp: 4186
Ion Ratio Lower Upper
43 100
74 12.3 16.7 25.1#

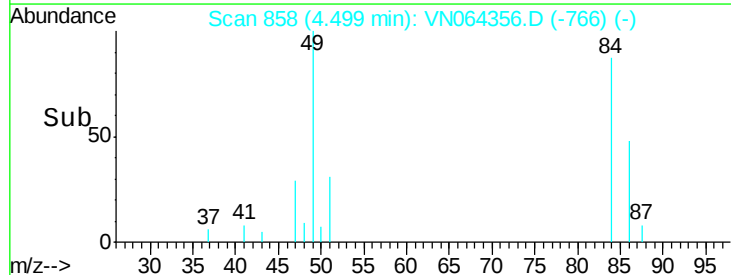
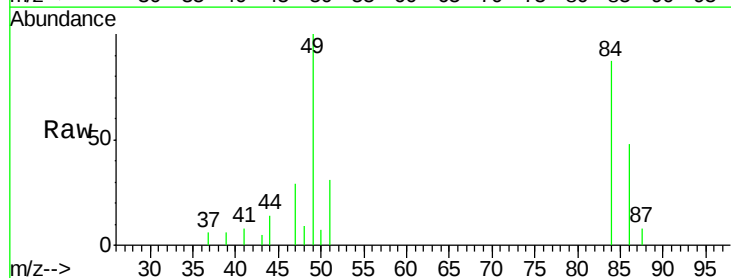
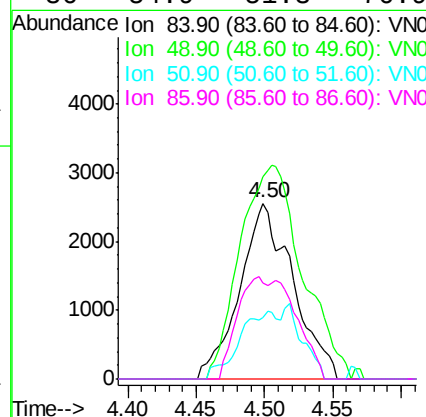
Manual Integrations
APPROVED

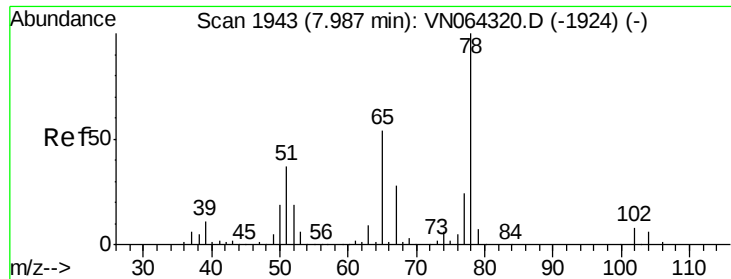
MMDadoda
10/29/2020 12:01:33 PM



#20
Methylene Chloride
Concen: 2.467 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064356.D
Acq: 28 Oct 2020 16:45

Tgt Ion: 84 Resp: 6909
Ion Ratio Lower Upper
84 100
49 114.9 103.6 155.4
51 35.1 31.8 47.8
86 54.9 51.3 76.9





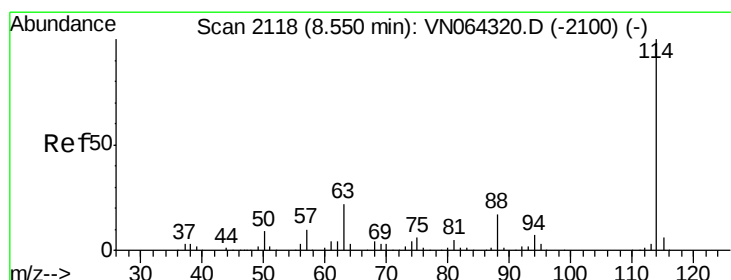
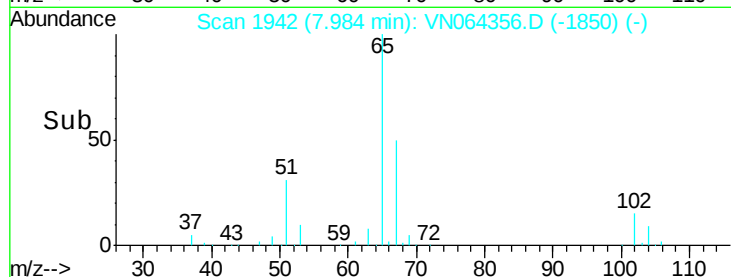
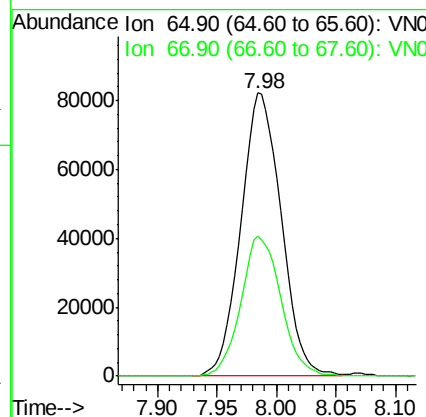
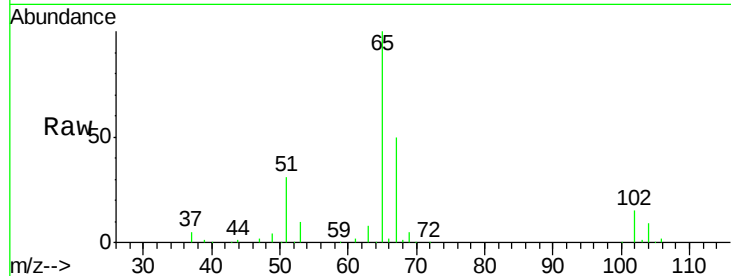
#33
 1,2-Dichloroethane-d4
 Concen: 48.849 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064356.D
 Acq: 28 Oct 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-102720

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192891		
67	49.3	0.0	99.2	

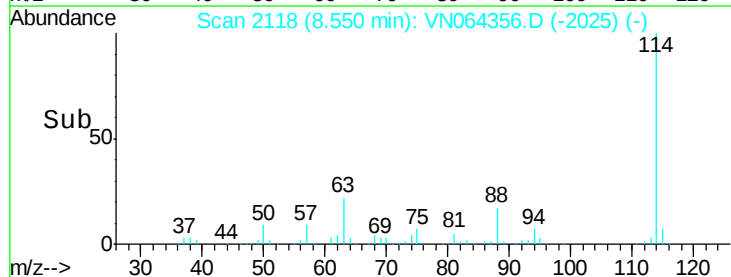
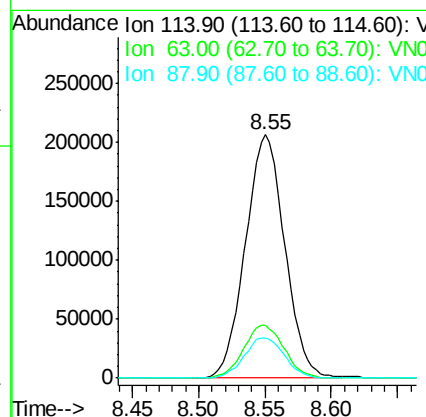
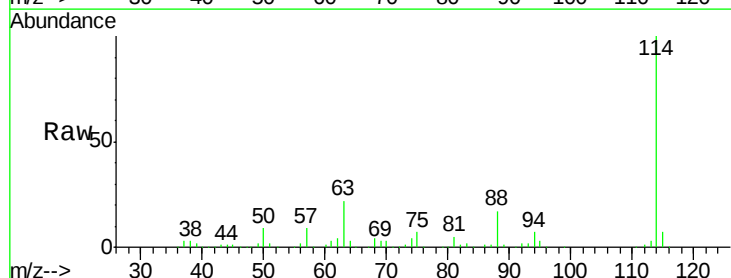
Manual Integrations
 APPROVED

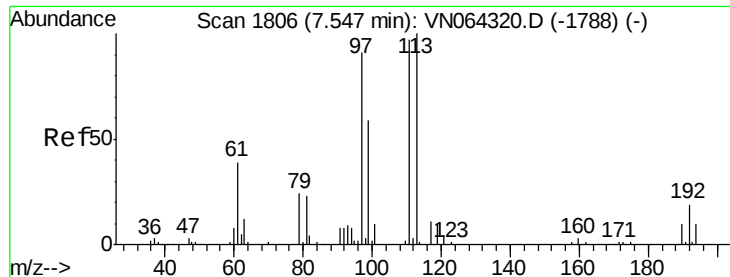
MMDadoda
 10/29/2020 12:01:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064356.D
 Acq: 28 Oct 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	425656		
63	21.6	0.0	44.6	
88	16.6	0.0	33.4	





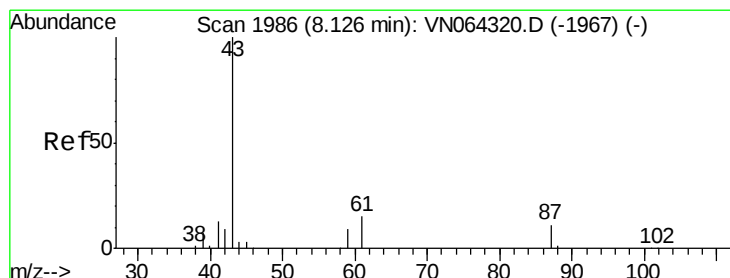
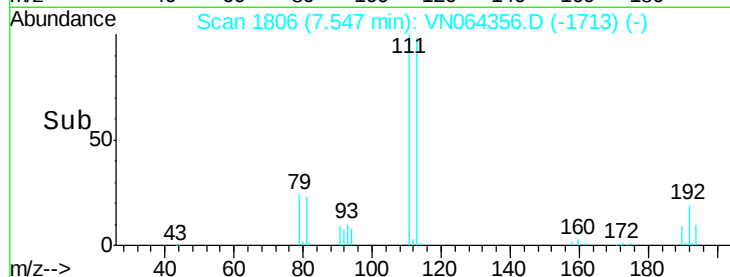
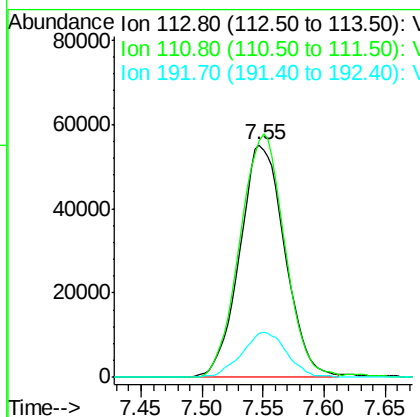
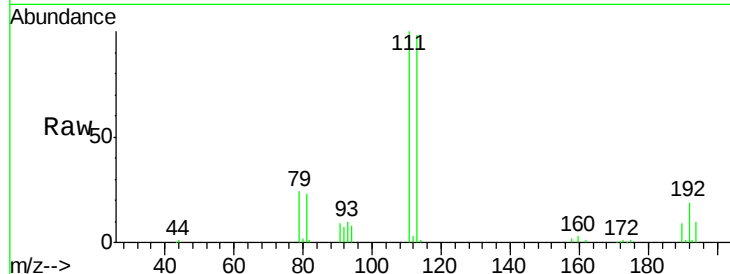
#35
 Dibromofluoromethane
 Concen: 49.701 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064356.D
 Acq: 28 Oct 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-102720

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.5	122.3
192	19.4	15.0	22.4

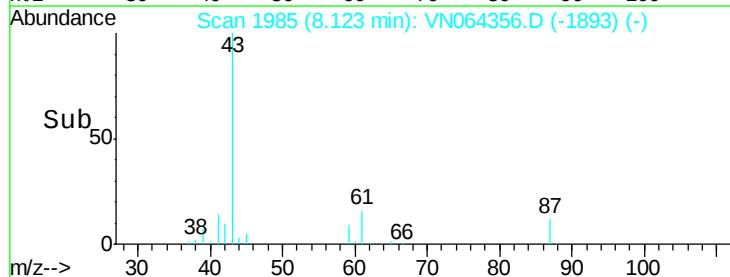
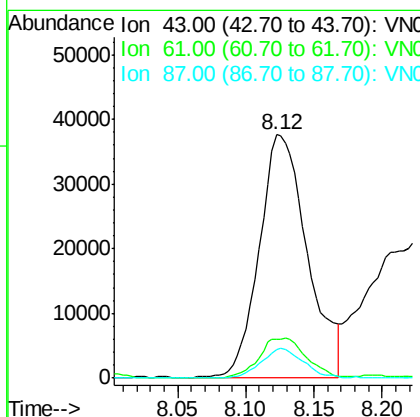
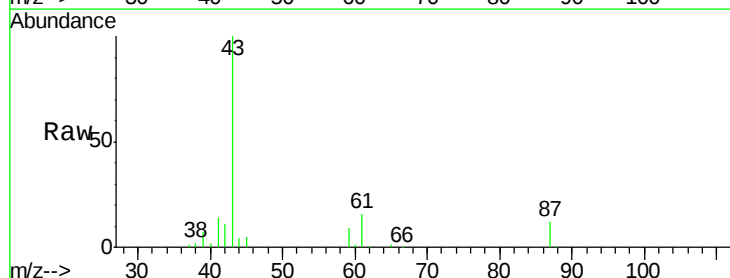
Manual Integrations
 APPROVED

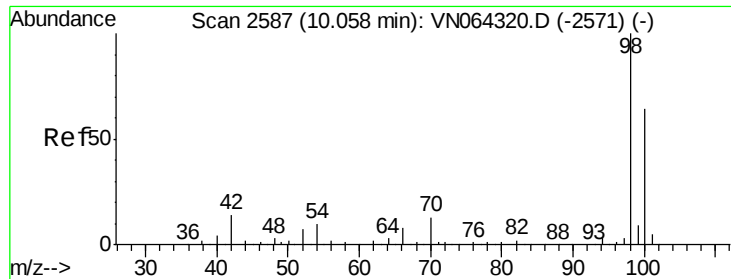
MMDadoda
 10/29/2020 12:01:33 PM



#43
 Isopropyl Acetate
 Concen: 12.474 ug/l
 RT: 8.12 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VN064356.D
 Acq: 28 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	19.1	28.7#
87	10.7	9.3	13.9





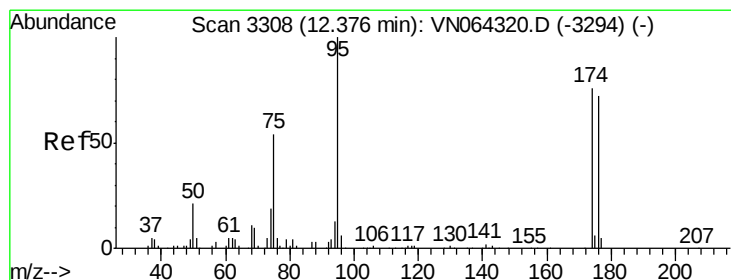
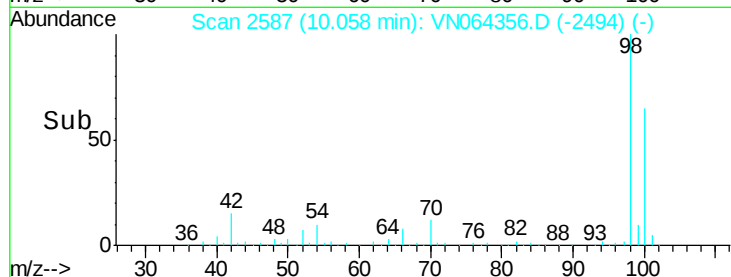
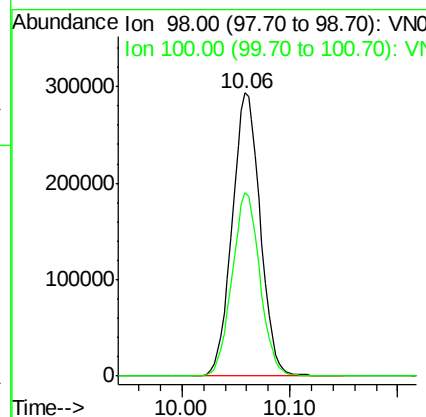
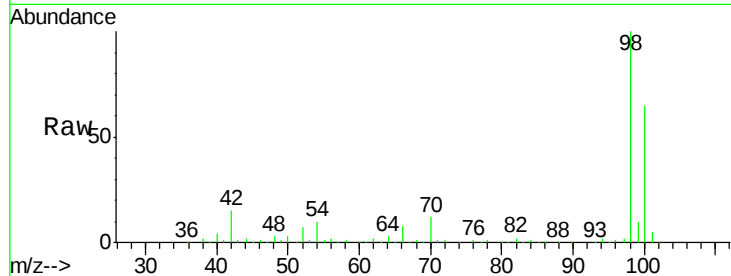
#50
Toluene-d8
Concen: 50.724 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064356.D
Acq: 28 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
OR-02-102720

Tot Ion: 98 Resp: 532581
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

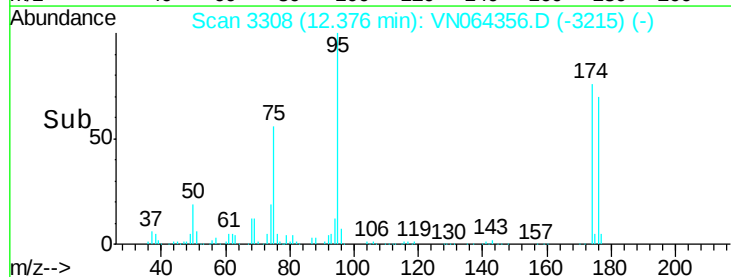
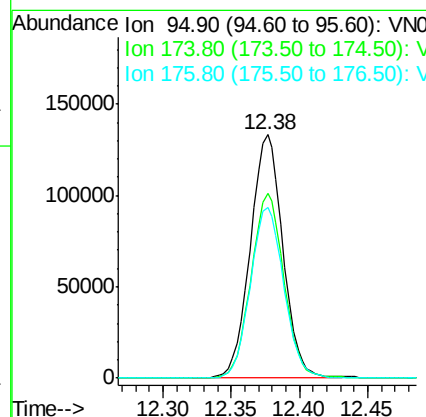
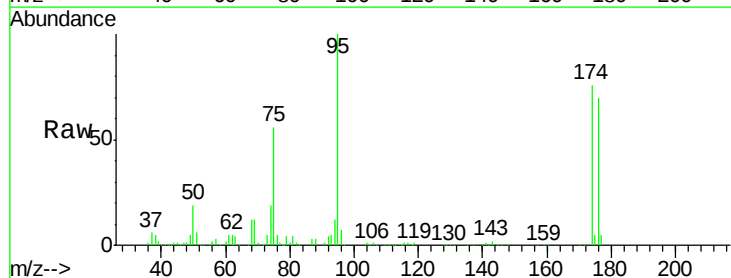
Manual Integrations
APPROVED

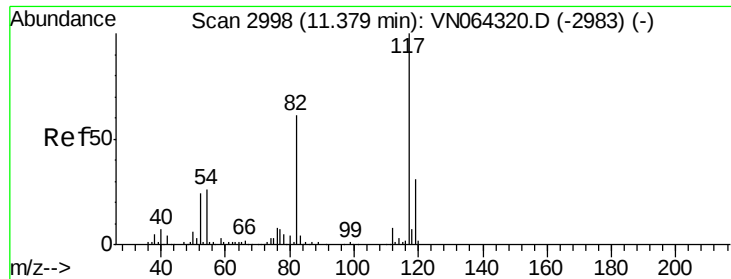
MMDadoda
10/29/2020 12:01:33 PM



#62
4-Bromofluorobenzene
Concen: 53.982 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064356.D
Acq: 28 Oct 2020 16:45

Tgt Ion: 95 Resp: 220986
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 72.0 0.0 143.6





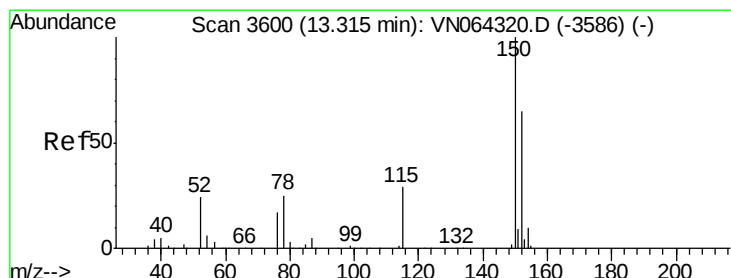
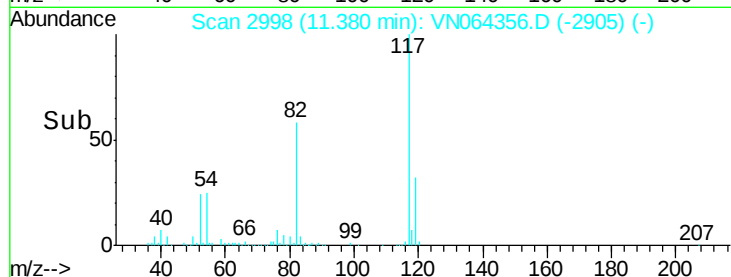
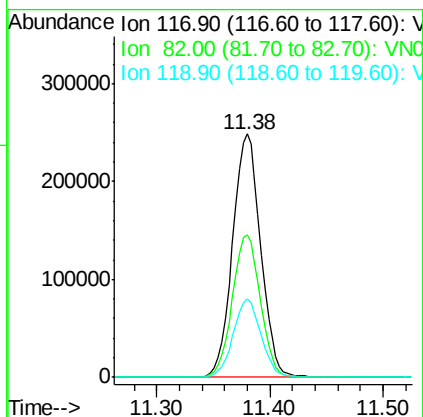
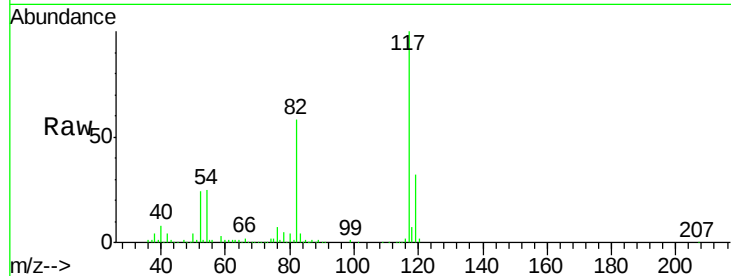
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064356.D
Acq: 28 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
OR-02-102720

Tot Ion	Ratio	Resp	Lower	Upper
117	100	429020		
82	58.5		48.8	73.2
119	32.3		25.1	37.7

Manual Integrations
APPROVED

MMDadoda
10/29/2020 12:01:33 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064356.D
Acq: 28 Oct 2020 16:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	174261		
115	63.2		31.5	94.5
150	155.1		0.0	346.2

