

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064172.D
 Acq On : 16 Oct 2020 18:20
 Operator : JC/MD
 Sample : PB132400ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132400ZHE#03

Manual Integrations
 APPROVED

MMDadoda
 10/19/2020 4:22:33 PM

Quant Time: Oct 17 02:12:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	325513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	672319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	711042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	253277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	281806	60.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.58%	
35) Dibromofluoromethane	7.55	113	226636	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	10.06	98	881166	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.38	95	301382	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
Target Compounds						
16) Acetone	3.79	43	22861	16.625	ug/l	96
18) Methyl Acetate	4.28	43	5638m	1.634	ug/l	
20) Methylene Chloride	4.51	84	21110	4.961	ug/l	96
43) Isopropyl Acetate	8.13	43	118810	12.449	ug/l #	88

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

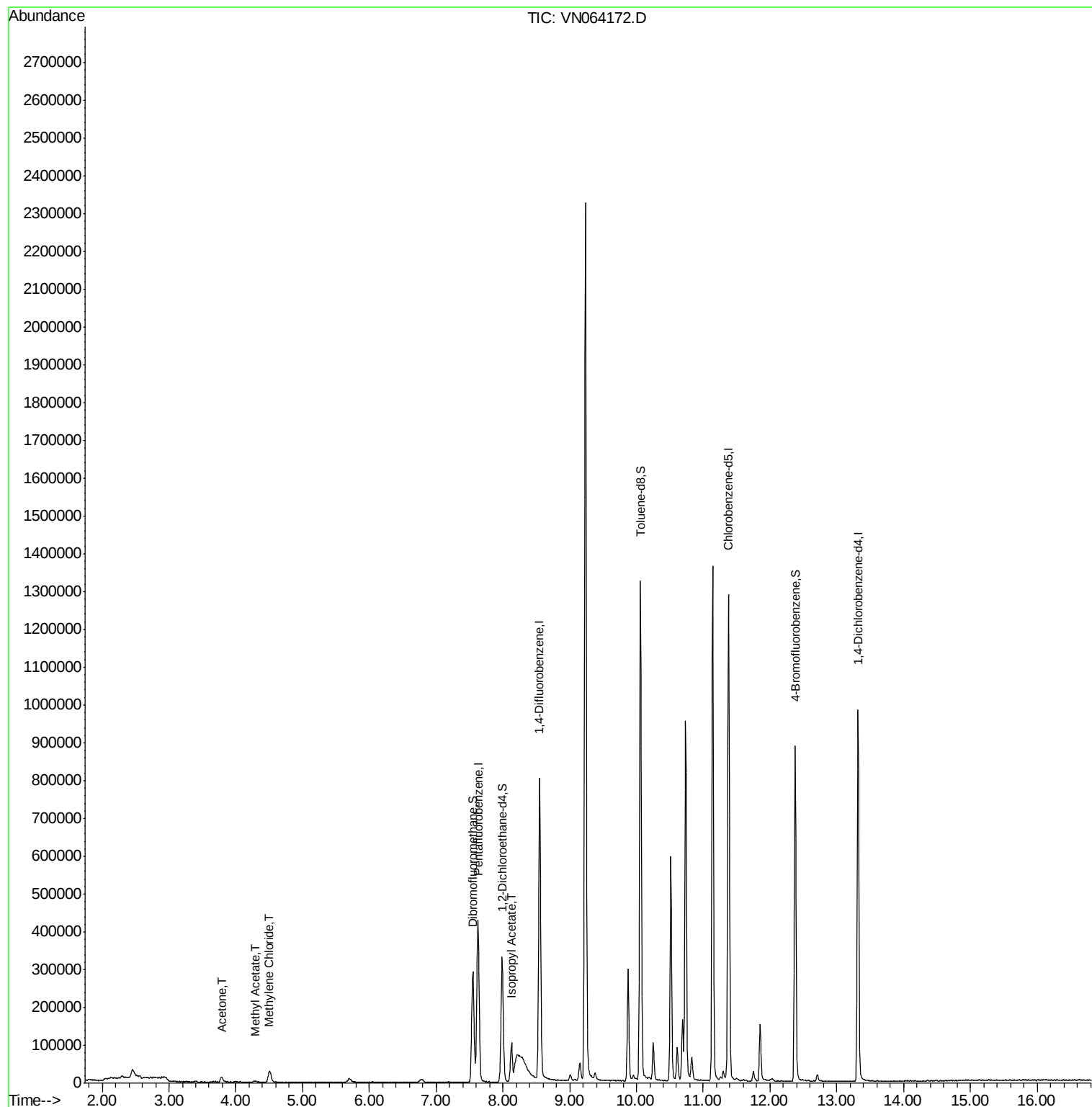
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101620\
Data File : VN064172.D
Acq On : 16 Oct 2020 18:20
Operator : JC/MD
Sample : PB132400ZHE#03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

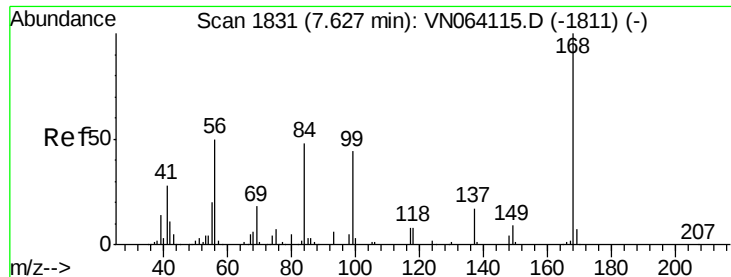
Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Manual Integrations
APPROVED

MMDadoda
10/19/2020 4:22:33 PM

Quant Time: Oct 17 02:12:10 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 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: VN064172.D

Acq: 16 Oct 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

PB132400ZHE#03

Tot Ion:168 Resp: 325513

Ion Ratio Lower Upper

168 100

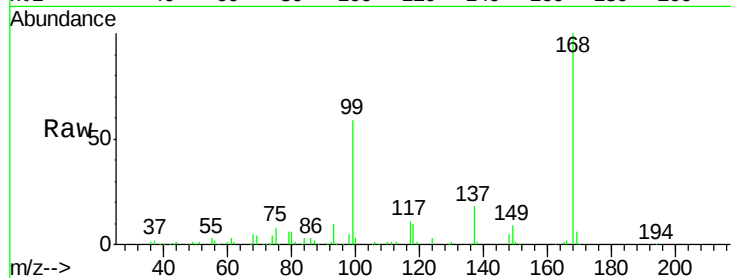
99 59.2 43.6 65.4

Manual Integrations

APPROVED

MMDadoda

10/19/2020 4:22:33 PM



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.63

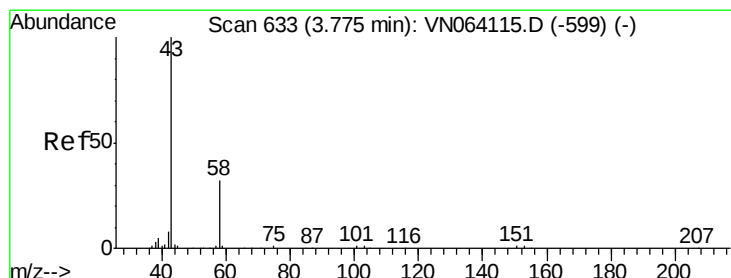
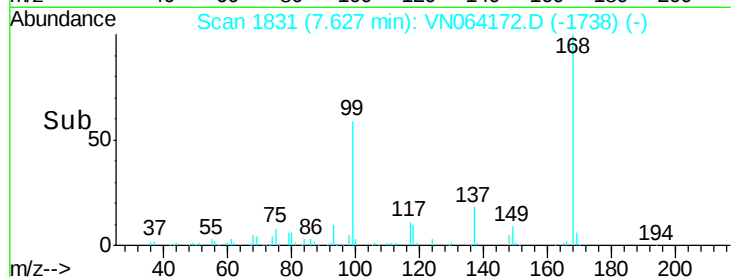
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 16.625 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064172.D

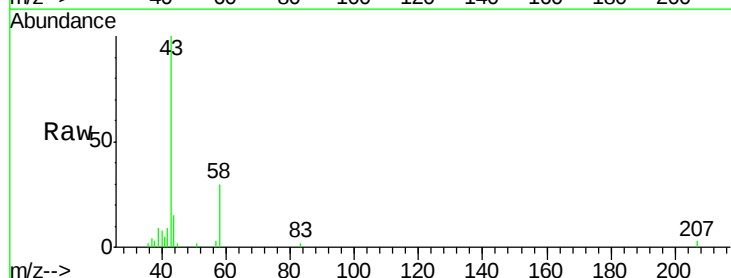
Acq: 16 Oct 2020 18:20

Tgt Ion: 43 Resp: 22861

Ion Ratio Lower Upper

43 100

58 29.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

8000

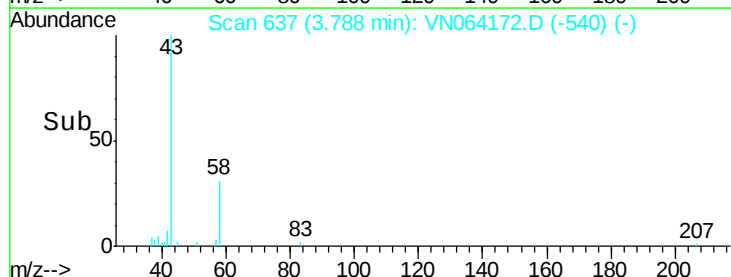
6000

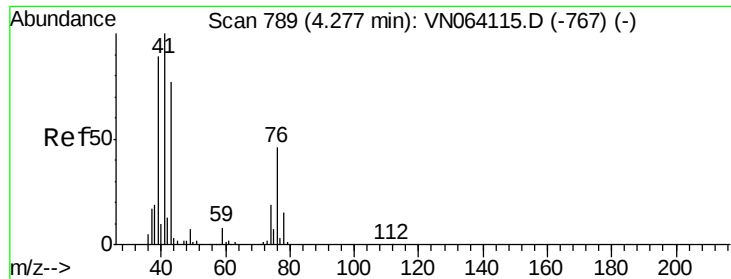
4000

2000

0

Time--> 3.70 3.75 3.80 3.85





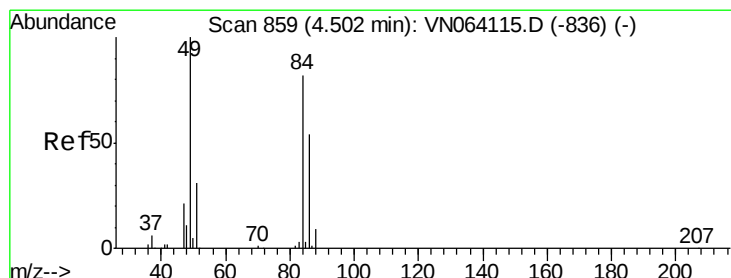
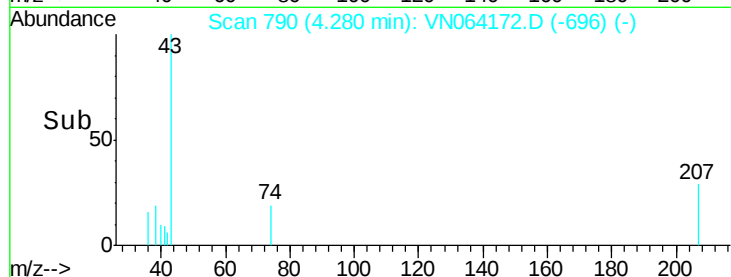
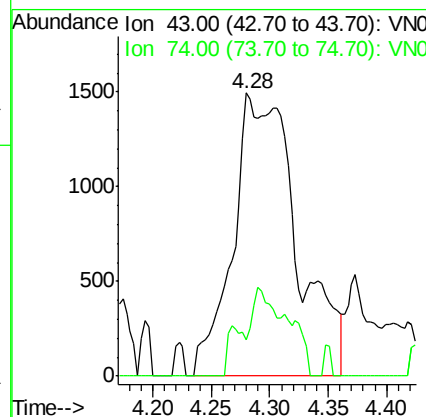
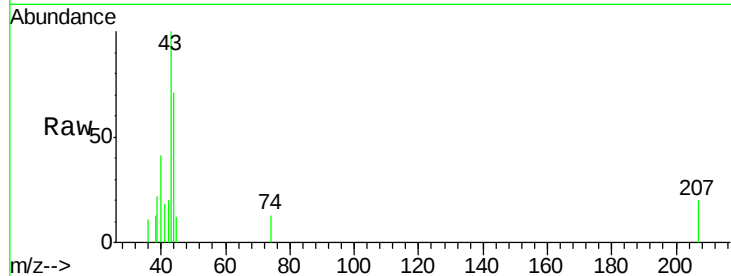
#18
Methvl Acetate
Concen: 1.634 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tot Ion: 43 Resp: 5638
Ion Ratio Lower Upper
43 100
74 17.5 19.7 29.5#

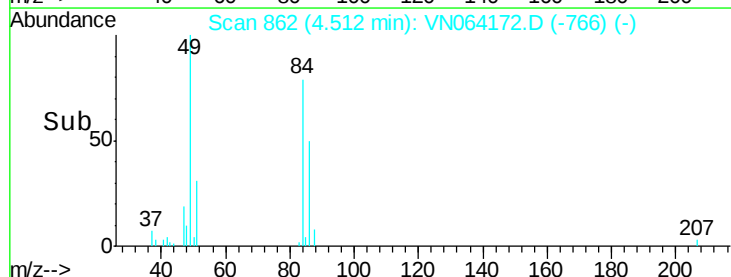
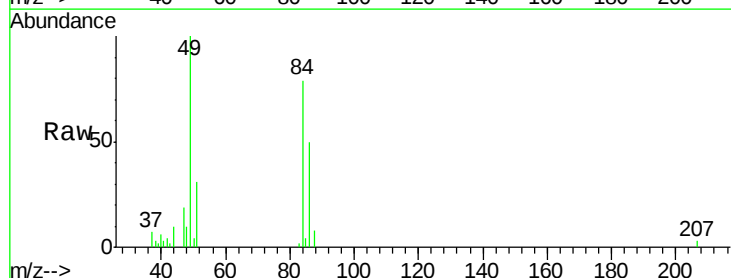
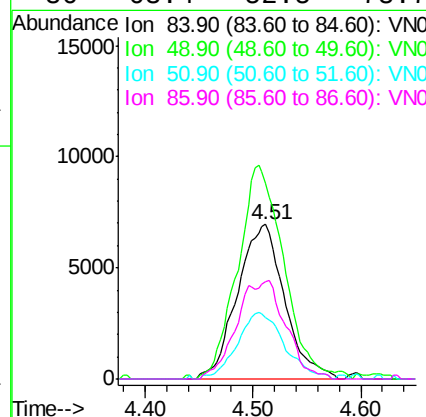
Manual Integrations
APPROVED

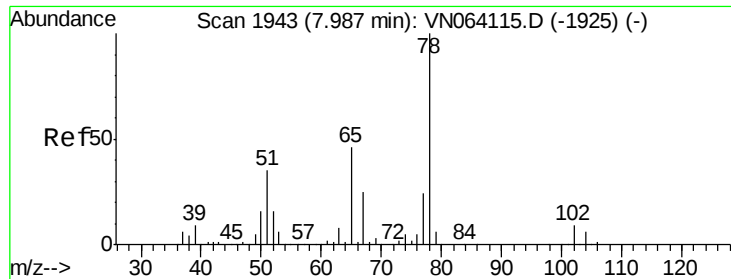
MMDadoda
10/19/2020 4:22:33 PM



#20
Methylene Chloride
Concen: 4.961 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 84 Resp: 21110
Ion Ratio Lower Upper
84 100
49 126.5 97.4 146.0
51 39.8 29.7 44.5
86 63.4 52.5 78.7





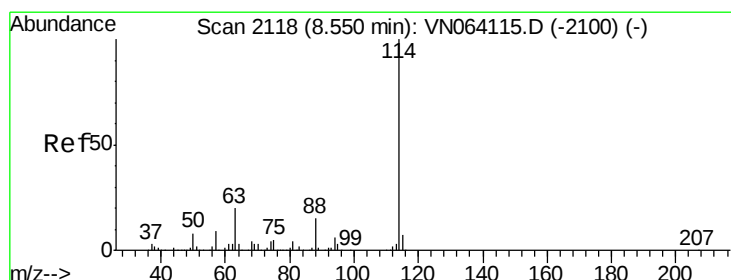
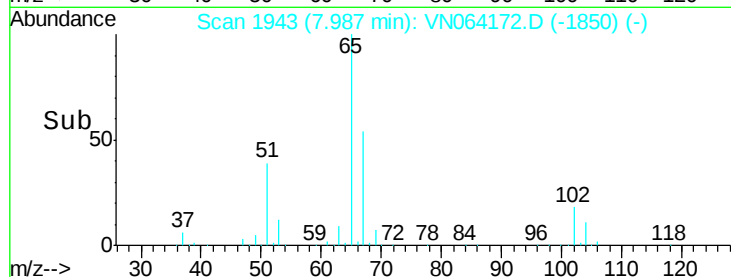
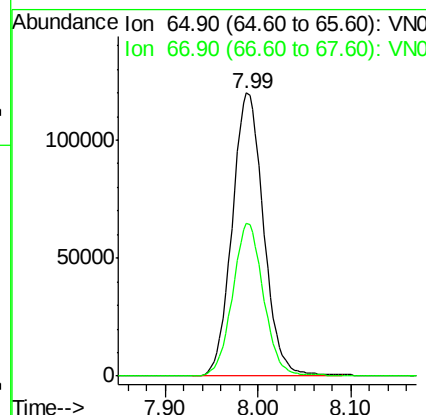
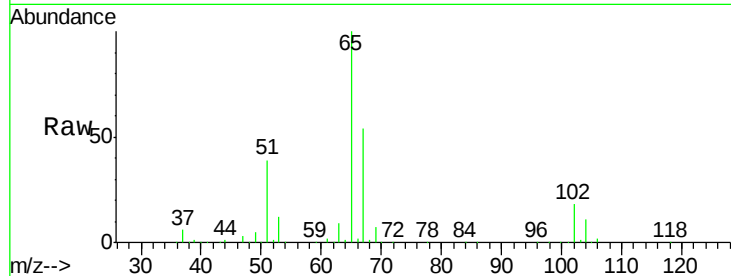
#33
 1,2-Dichloroethane-d4
 Concen: 60.787 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064172.D
 Acq: 16 Oct 2020 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132400ZHE#03

Tot Ion	Ratio	Resp	Lower	Upper
65	100	281806		
67	53.0	0.0	105.6	

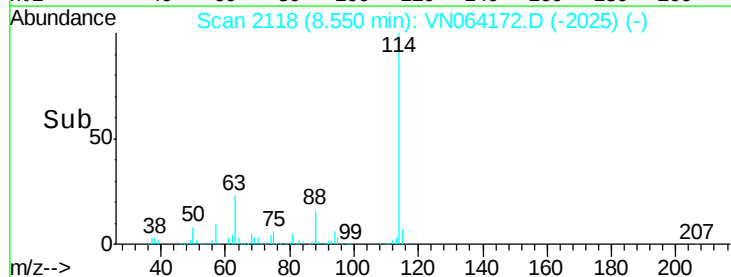
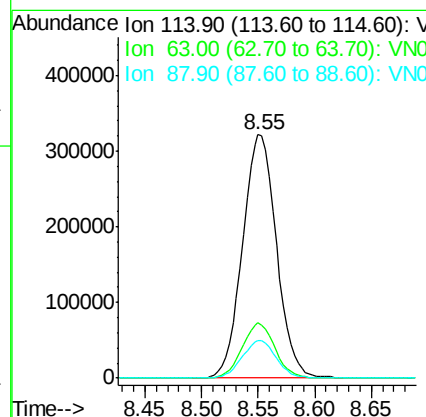
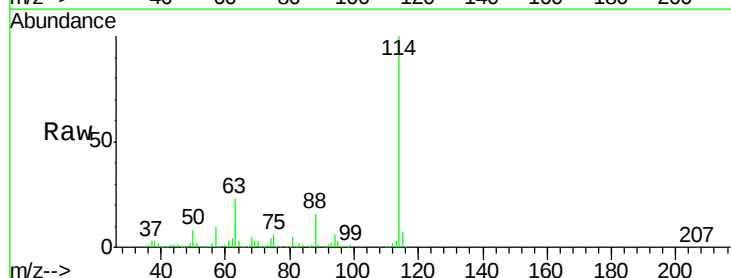
Manual Integrations
 APPROVED

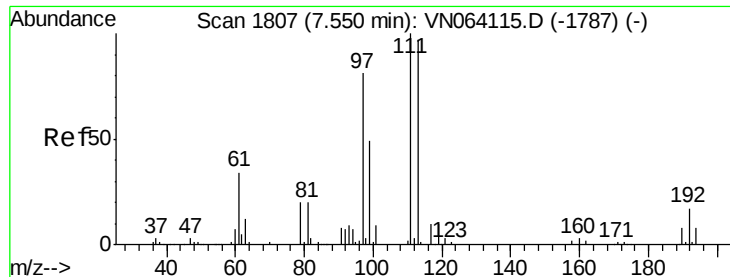
MMDadoda
 10/19/2020 4:22:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064172.D
 Acq: 16 Oct 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	672319		
63	22.6	0.0	41.0	
88	15.6	0.0	29.2	





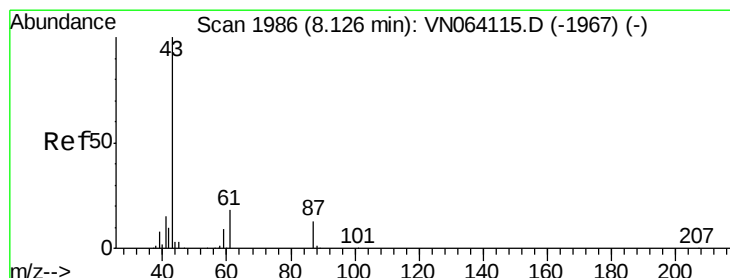
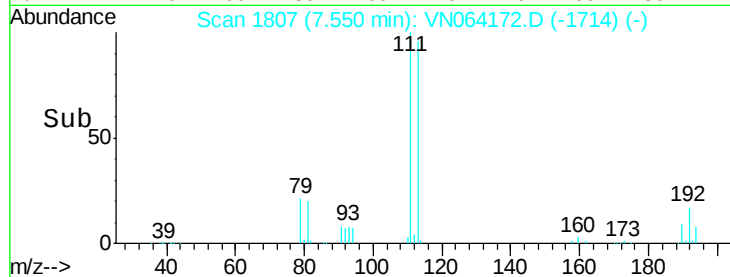
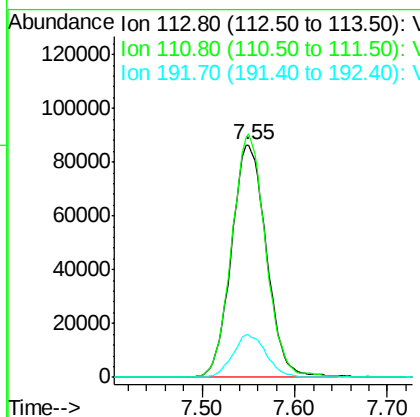
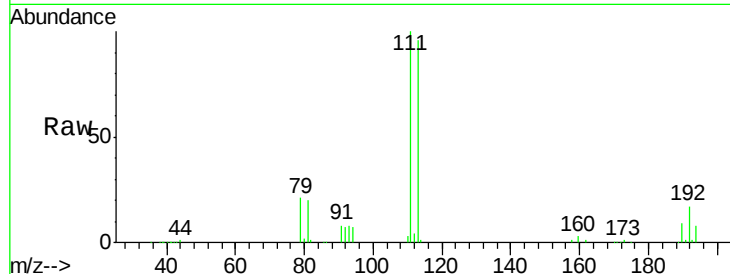
#35
 Dibromofluoromethane
 Concen: 48.703 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064172.D
 Acq: 16 Oct 2020 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132400ZHE#03

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.5	81.9	122.9	
192	17.5	14.3	21.5	

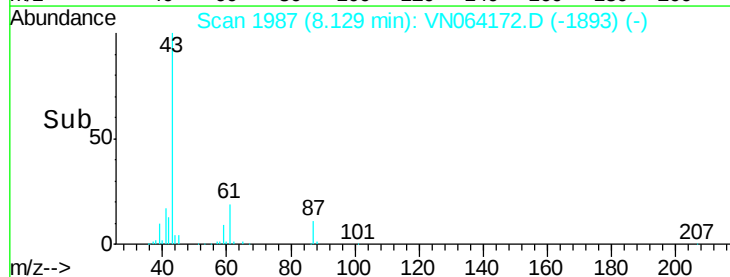
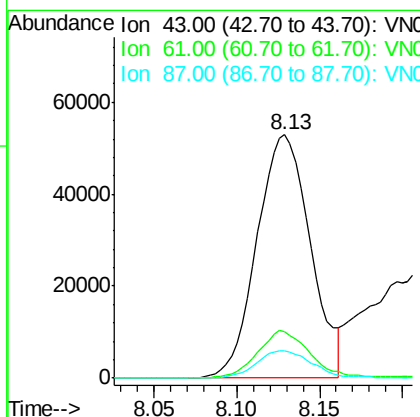
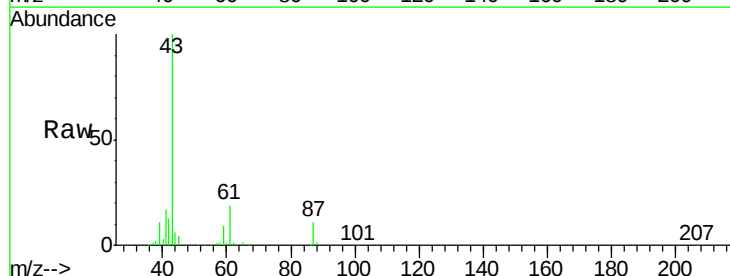
Manual Integrations
 APPROVED

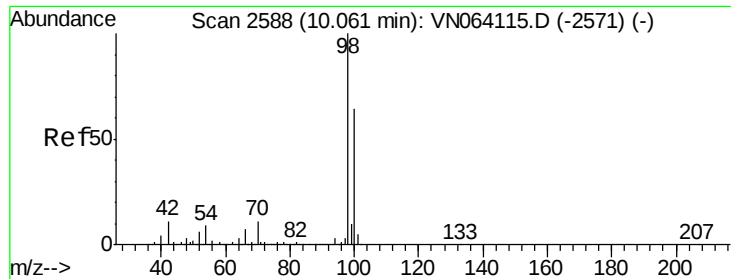
MMDadoda
 10/19/2020 4:22:33 PM



#43
 Isopropyl Acetate
 Concen: 12.449 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064172.D
 Acq: 16 Oct 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
61	19.2	21.9	32.9#	
87	11.5	11.0	16.4	





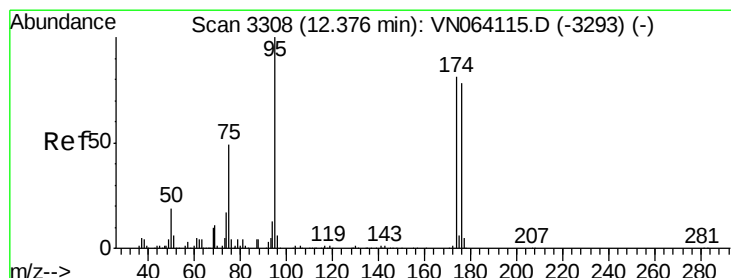
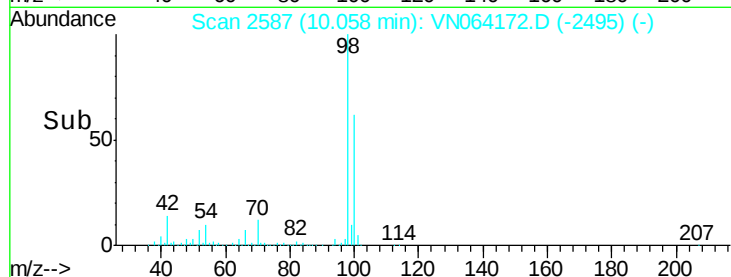
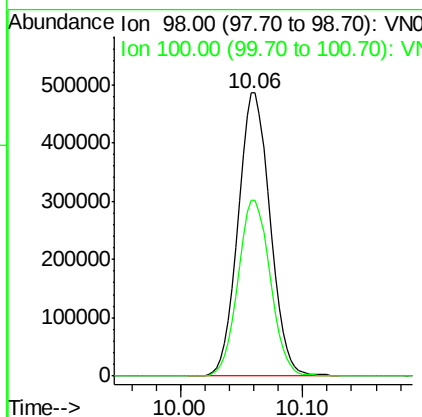
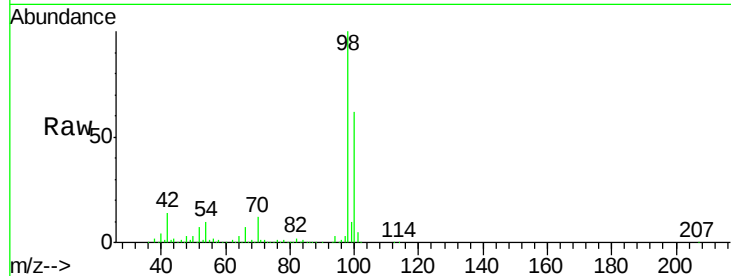
#50
Toluene-d8
Concen: 50.185 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tot Ion: 98 Resp: 881166
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2

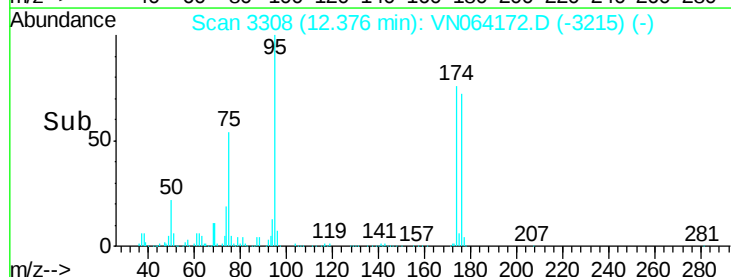
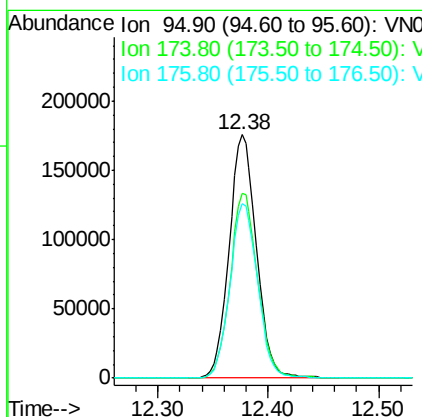
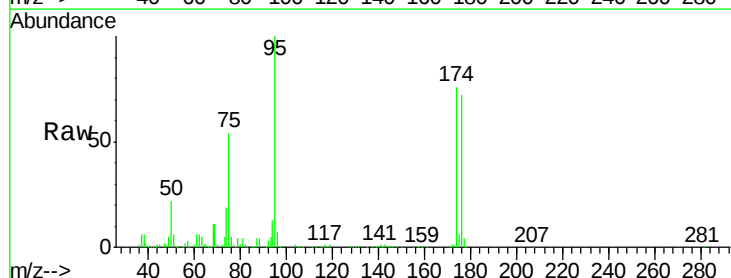
Manual Integrations
APPROVED

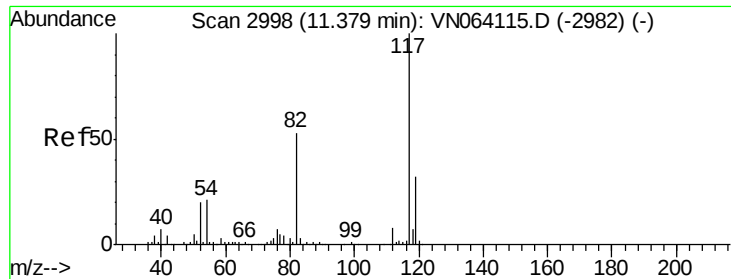
MMDadoda
10/19/2020 4:22:33 PM



#62
4-Bromofluorobenzene
Concen: 49.937 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion: 95 Resp: 301382
Ion Ratio Lower Upper
95 100
174 76.9 0.0 164.8
176 72.9 0.0 157.8





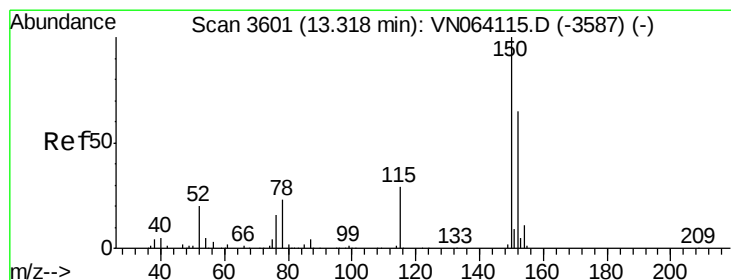
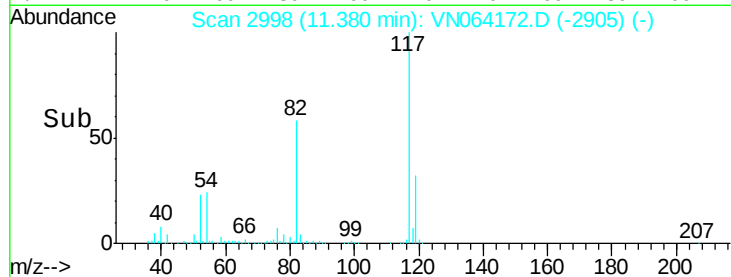
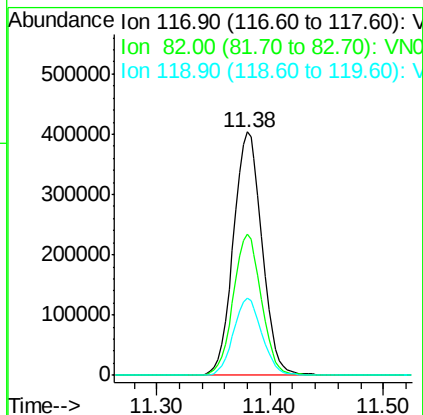
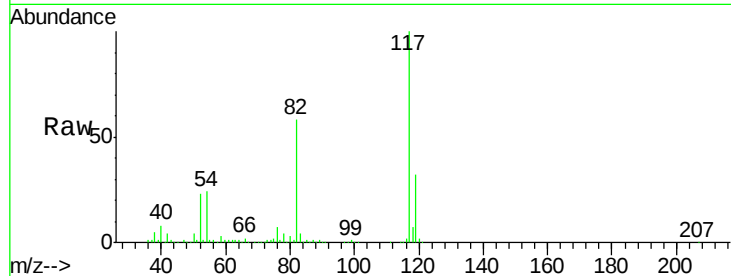
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064172.D
Acq: 16 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
PB132400ZHE#03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	711042		
82	58.1	42.6	63.8	
119	31.6	25.5	38.3	

Manual Integrations
APPROVED

MMDadoda
10/19/2020 4:22:33 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: VN064172.D
Acq: 16 Oct 2020 18:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	253277		
115	60.8	29.3	87.8	
150	156.0	0.0	346.0	

