

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064536.D
 Acq On : 10 Nov 2020 19:26
 Operator : JC/MD
 Sample : PB132908ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132908ZHE#02

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 1:02:04 PM

Quant Time: Nov 11 03:27:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497566	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	568459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	246416	57.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.16%	
35) Dibromofluoromethane	7.55	113	180732	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
50) Toluene-d8	10.06	98	692203	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.38	95	260279	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
Target Compounds						
16) Acetone	3.79	43	18441	11.312	ug/l	100
18) Methyl Acetate	4.29	43	4802m	1.498	ug/l	
20) Methylene Chloride	4.51	84	16935	5.236	ug/l	97
43) Isopropyl Acetate	8.13	43	92805	10.895	ug/l	100

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

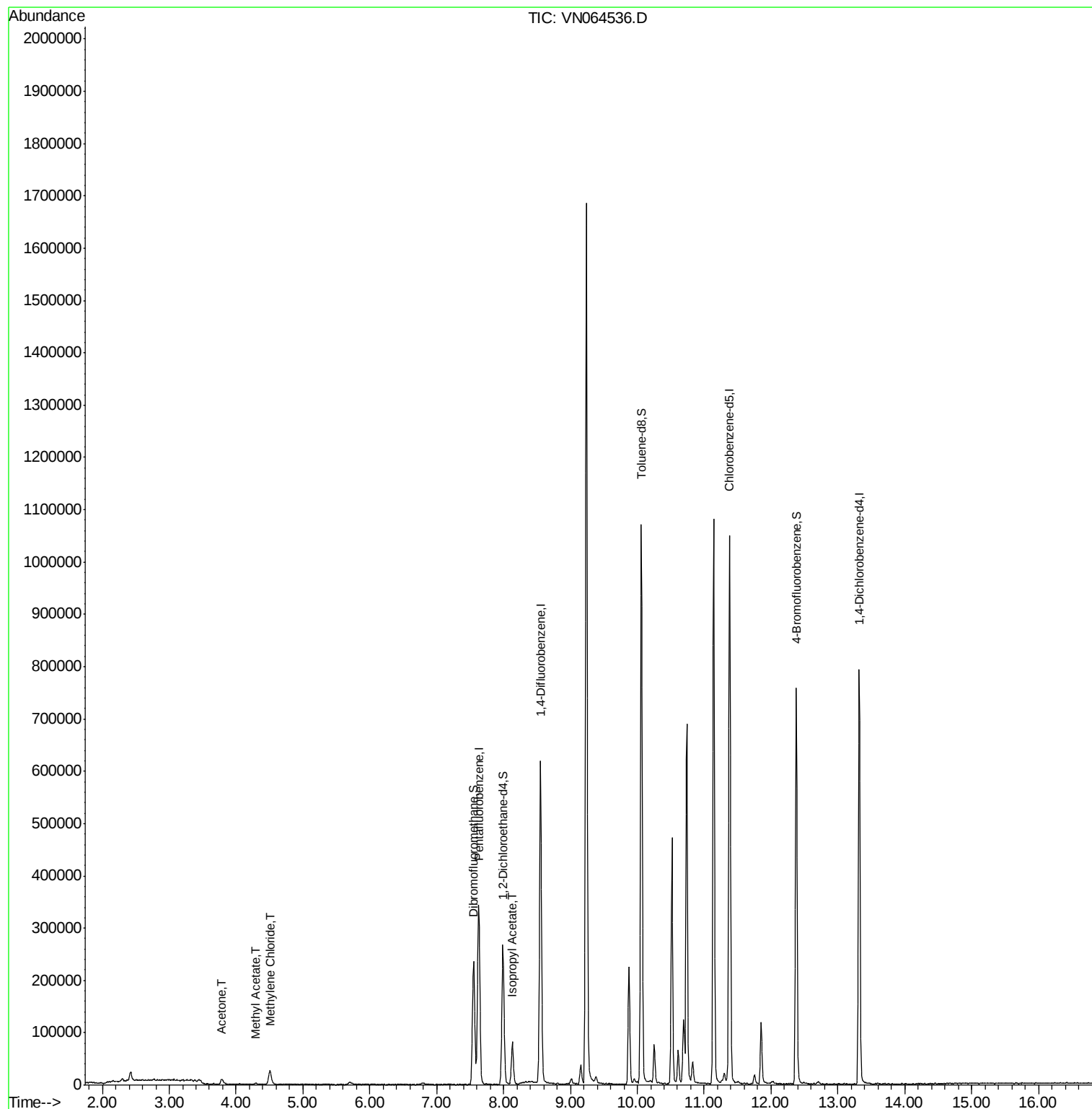
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111020\
Data File : VN064536.D
Acq On : 10 Nov 2020 19:26
Operator : JC/MD
Sample : PB132908ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132908ZHE#02

Manual Integrations
APPROVED

MMDadoda
11/11/2020 1:02:04 PM

Quant Time: Nov 11 03:27:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN064536.D

Acq: 10 Nov 2020 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB132908ZHE#02

Tot Ion:168 Resp: 245692

Ion Ratio Lower Upper

168 100

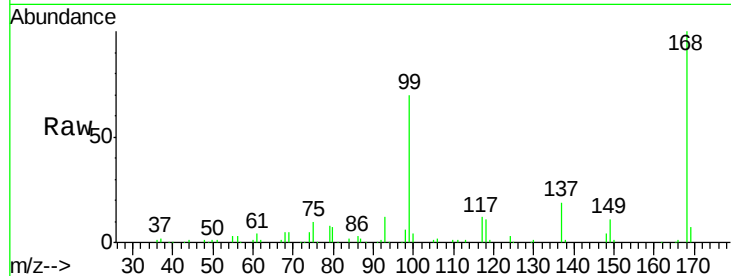
99 70.0 53.4 80.2

Manual Integrations

APPROVED

MMDadoda

11/11/2020 1:02:04 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

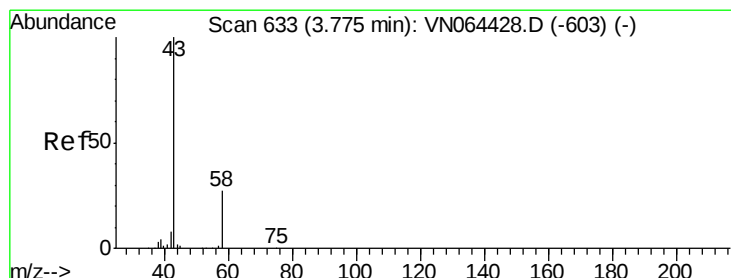
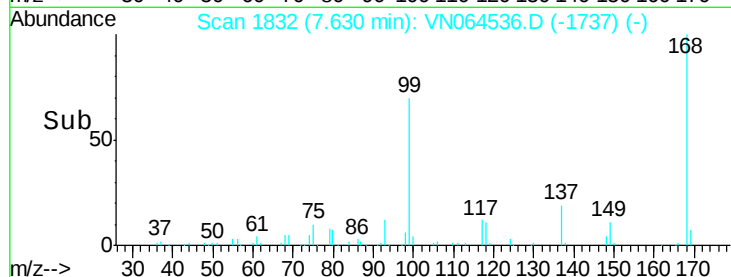
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 11.312 ug/l

RT: 3.79 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN064536.D

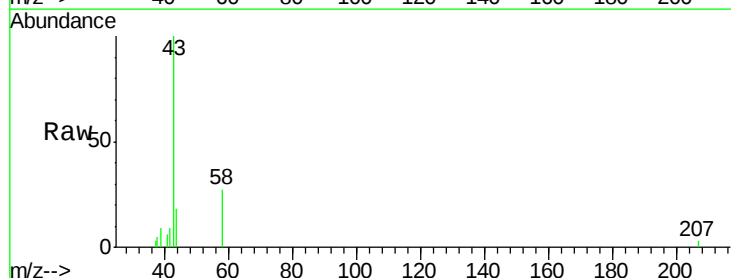
Acq: 10 Nov 2020 19:26

Tgt Ion: 43 Resp: 18441

Ion Ratio Lower Upper

43 100

58 26.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

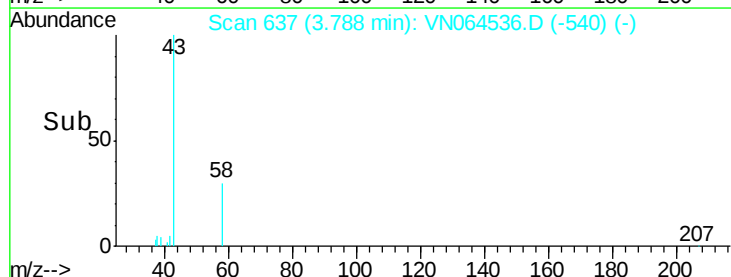
6000

4000

2000

0

Time-->





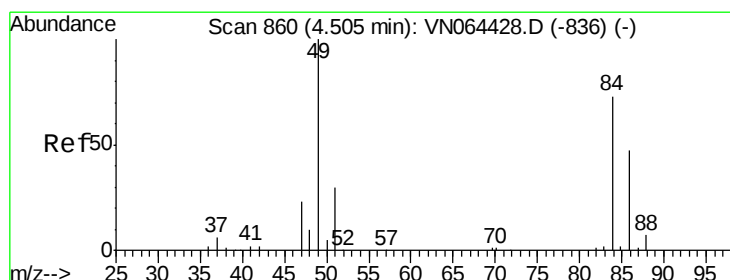
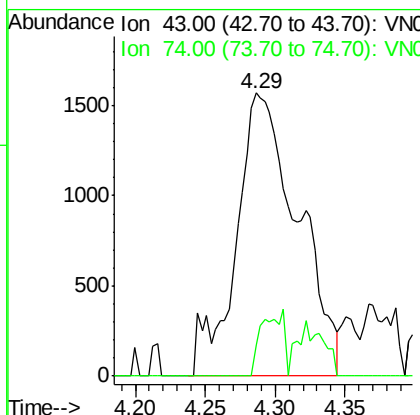
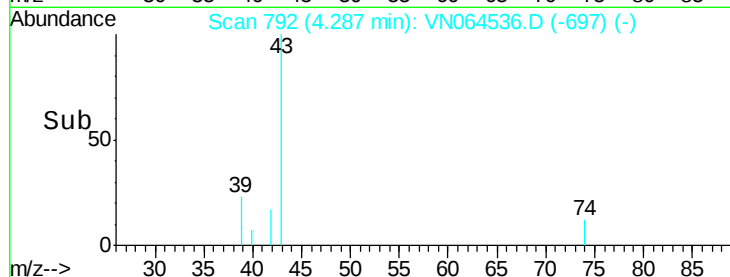
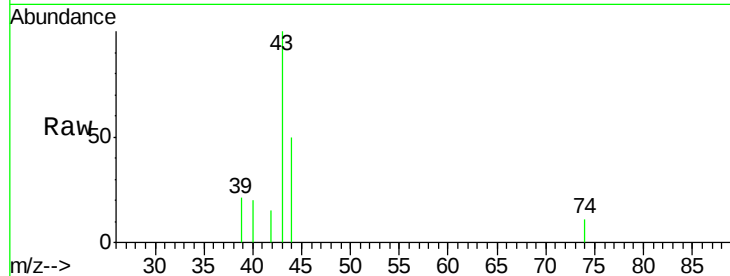
#18
Methyl Acetate
Concen: 1.498 ug/l m
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064536.D
Acq: 10 Nov 2020 19:26

Instrument :
MSVOA_N
ClientSampleId :
PB132908ZHE#02

Tot Ion: 43 Resp: 4802
Ion Ratio Lower Upper
43 100
74 8.2 17.0 25.4#

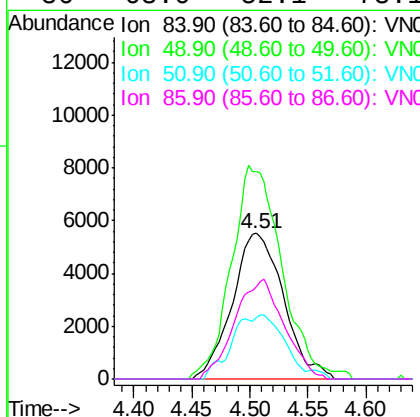
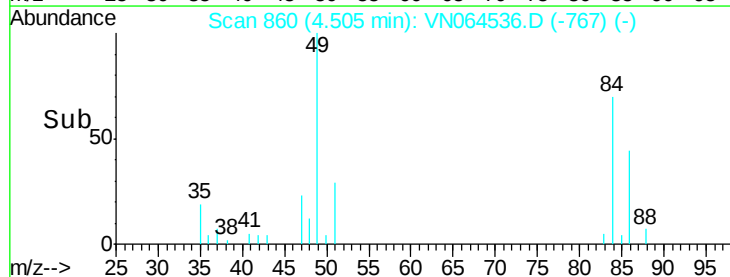
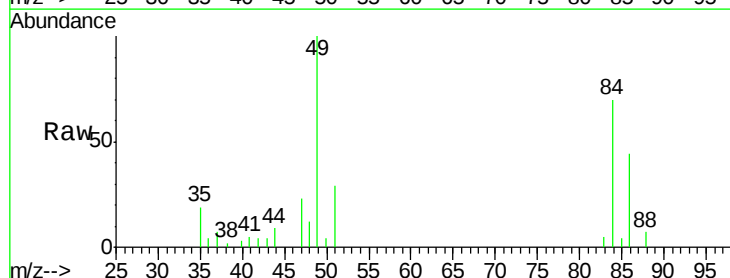
Manual Integrations
APPROVED

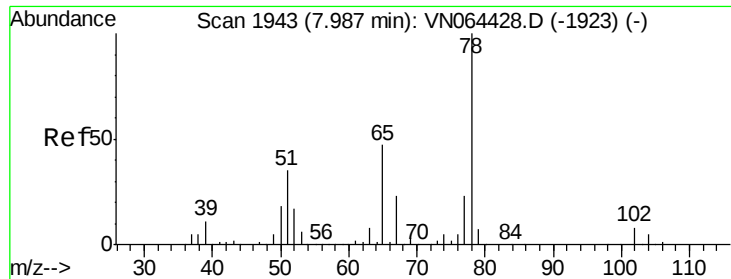
MMDadoda
11/11/2020 1:02:04 PM



#20
Methylene Chloride
Concen: 5.236 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064536.D
Acq: 10 Nov 2020 19:26

Tgt Ion: 84 Resp: 16935
Ion Ratio Lower Upper
84 100
49 142.2 110.1 165.1
51 41.9 33.6 50.4
86 63.0 52.1 78.1





#33

1,2-Dichloroethane-d4

Concen: 57.580 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064536.D

Acq: 10 Nov 2020 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB132908ZHE#02

Tot Ion: 65 Resp: 246416

Ion Ratio Lower Upper

65 100

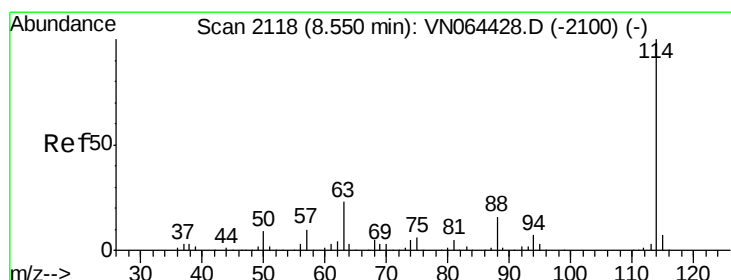
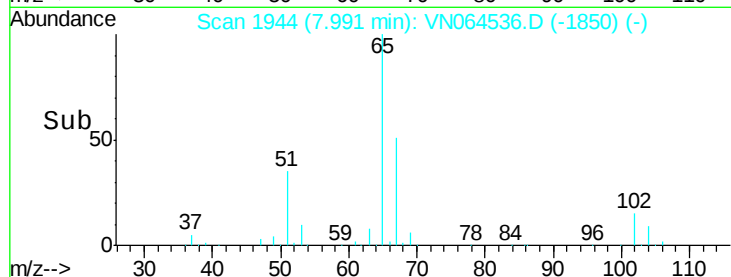
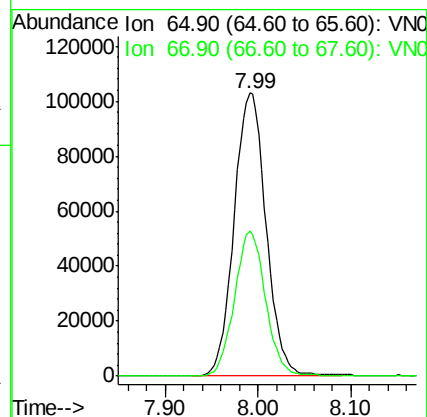
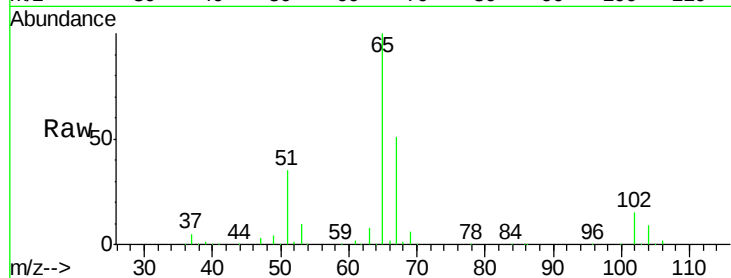
67 49.6 0.0 101.6

Manual Integrations

APPROVED

MMDadoda

11/11/2020 1:02:04 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN064536.D

Acq: 10 Nov 2020 19:26

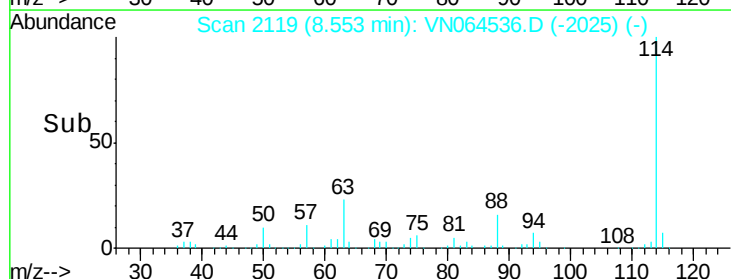
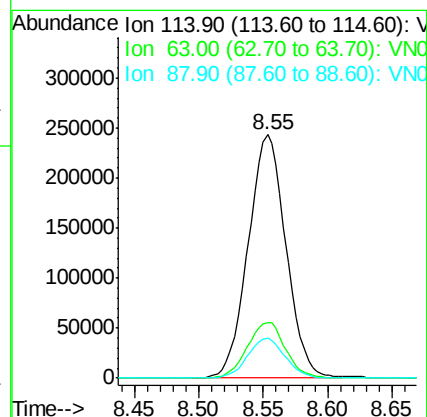
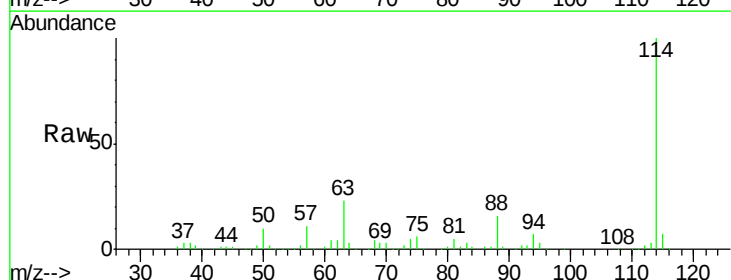
Tgt Ion: 114 Resp: 497566

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.6

88 16.4 0.0 32.8





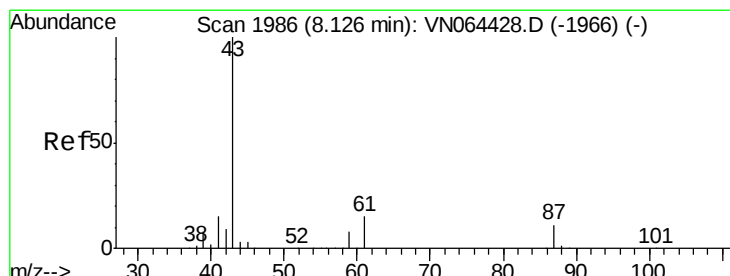
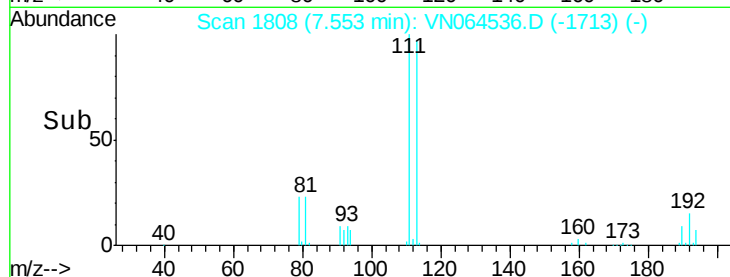
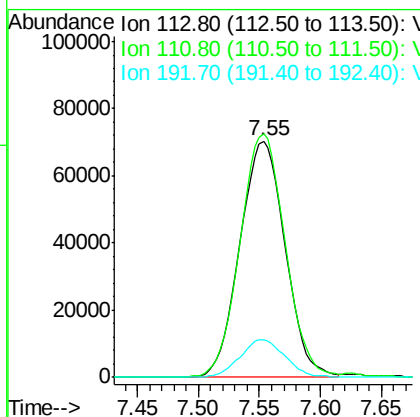
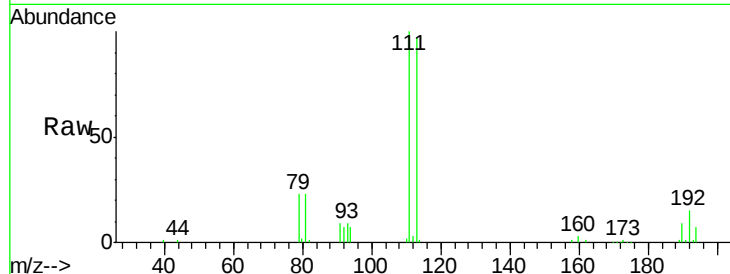
#35
 Dibromofluoromethane
 Concen: 53.349 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN064536.D
 Acq: 10 Nov 2020 19:26

Instrument :
 MSVOA_N
 ClientSampleId :
 PB132908ZHE#02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.1	121.7
192	15.9	12.8	19.2

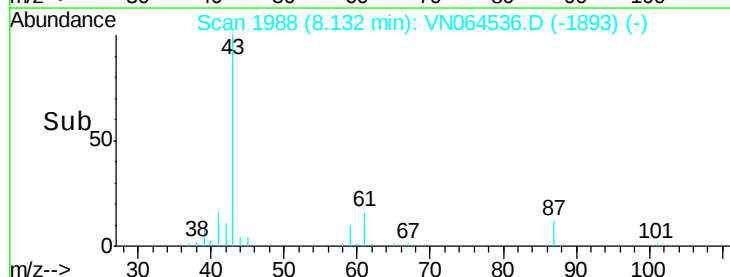
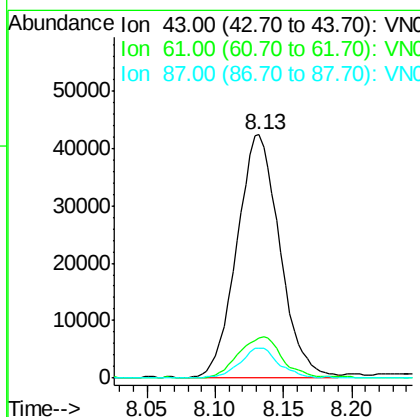
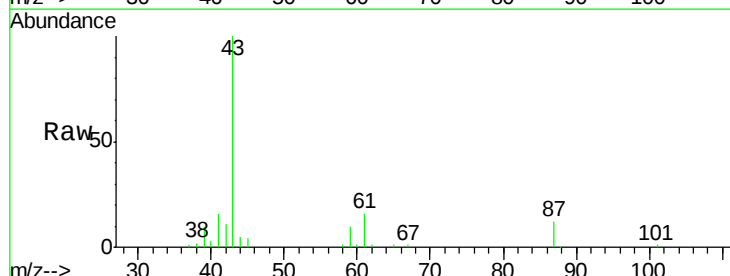
Manual Integrations
 APPROVED

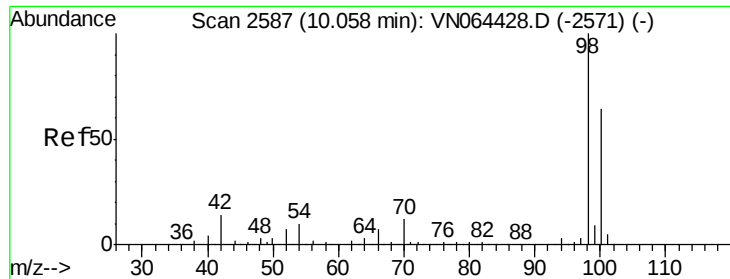
MMDadoda
 11/11/2020 1:02:04 PM



#43
 Isopropyl Acetate
 Concen: 10.895 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064536.D
 Acq: 10 Nov 2020 19:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.0	21.0
87	11.2	9.1	13.7





#50

Toluene-d8

Concen: 52.866 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064536.D

Acq: 10 Nov 2020 19:26

Instrument :

MSVOA_N

ClientSampleId :

PB132908ZHE#02

Tot Ion: 98 Resp: 692203

Ion Ratio Lower Upper

98 100

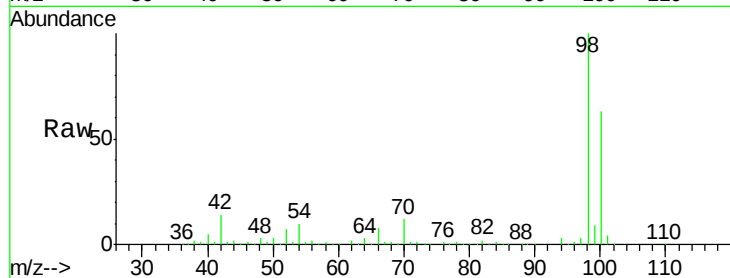
100 63.7 50.7 76.1

Manual Integrations

APPROVED

MMDadoda

11/11/2020 1:02:04 PM



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)

10.06

400000

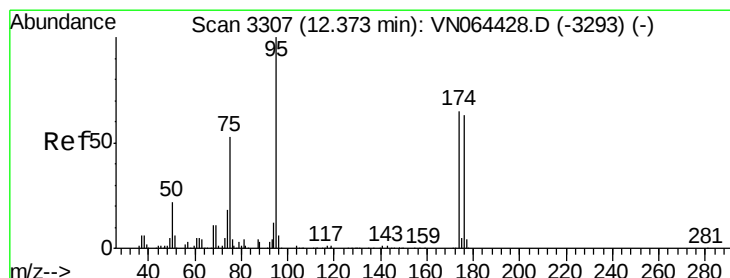
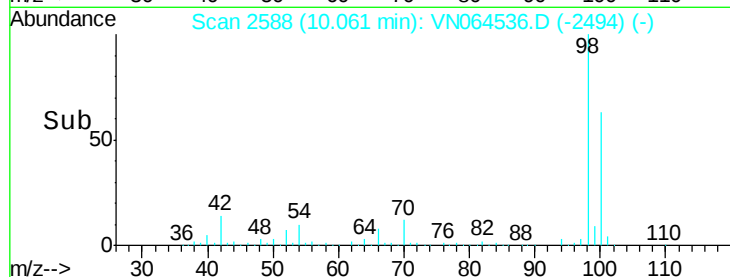
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.562 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064536.D

Acq: 10 Nov 2020 19:26

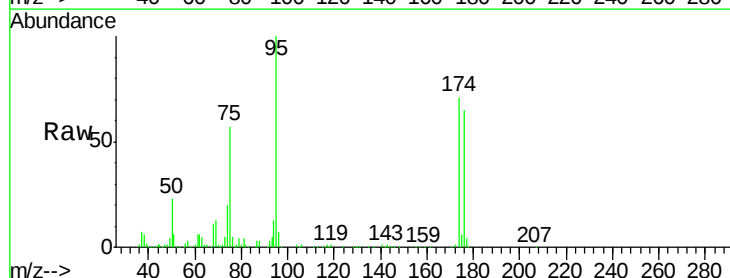
Tgt Ion: 95 Resp: 260279

Ion Ratio Lower Upper

95 100

174 70.8 0.0 132.6

176 65.6 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)

12.38

200000

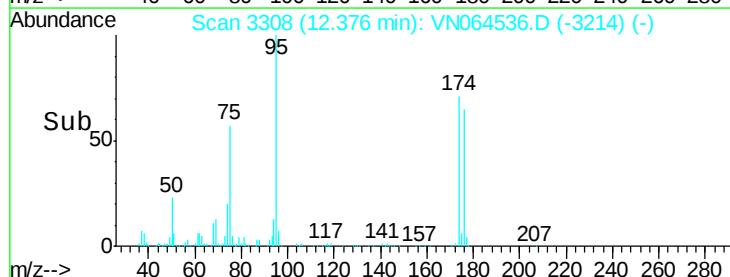
150000

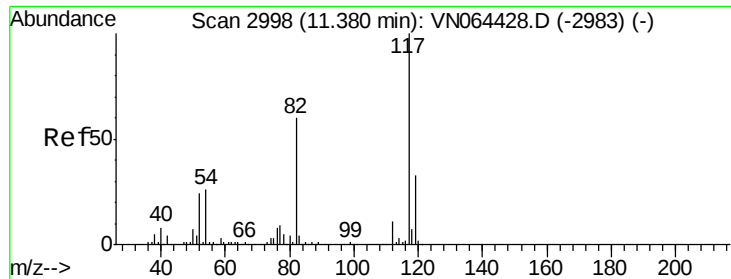
100000

50000

0

Time-->





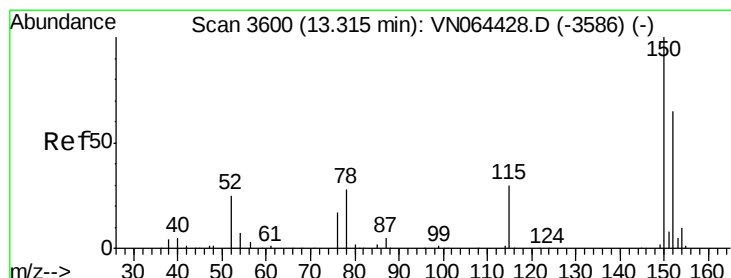
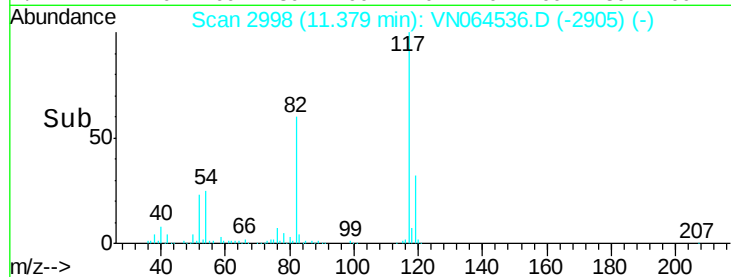
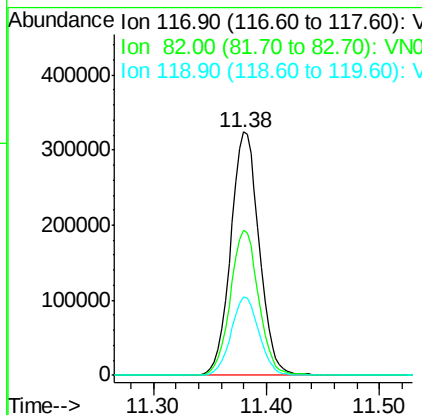
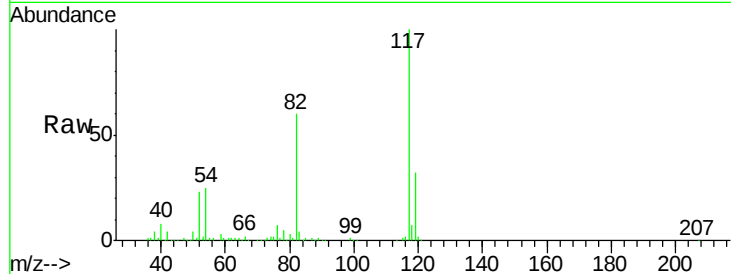
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064536.D
Acq: 10 Nov 2020 19:26

Instrument :
MSVOA_N
ClientSampleId :
PB132908ZHE#02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	48.1	72.1
119	32.0	26.2	39.4

Manual Integrations
APPROVED

MMDadoda
11/11/2020 1:02:04 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: VN064536.D
Acq: 10 Nov 2020 19:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	32.0	96.0
150	159.3	0.0	353.8

