

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076087.D
 Acq On : 04 Jan 2023 17:30
 Operator : JC\MD
 Sample : PB150013ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150013ZHE#08

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 01:26:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	306233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513172	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	452471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	166044	49.840	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.680%		
35) Dibromofluoromethane	8.177	113	151152	47.562	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.120%		
50) Toluene-d8	10.571	98	593276	49.930	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.860%		
62) 4-Bromofluorobenzene	12.853	95	180500	45.864	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.720%		
Target Compounds						
16) Acetone	4.448	43	41498	36.134	ug/l	98
18) Methyl Acetate	5.059	43	3786	1.115	ug/l #	85
20) Methylene Chloride	5.289	84	7598	1.857	ug/l #	86
25) 2-Butanone	7.494	43	7598	4.725	ug/l	96
37) Ethyl Acetate	7.571	43	32879	9.696	ug/l	98
43) Isopropyl Acetate	8.694	43	269471m	48.174	ug/l	

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

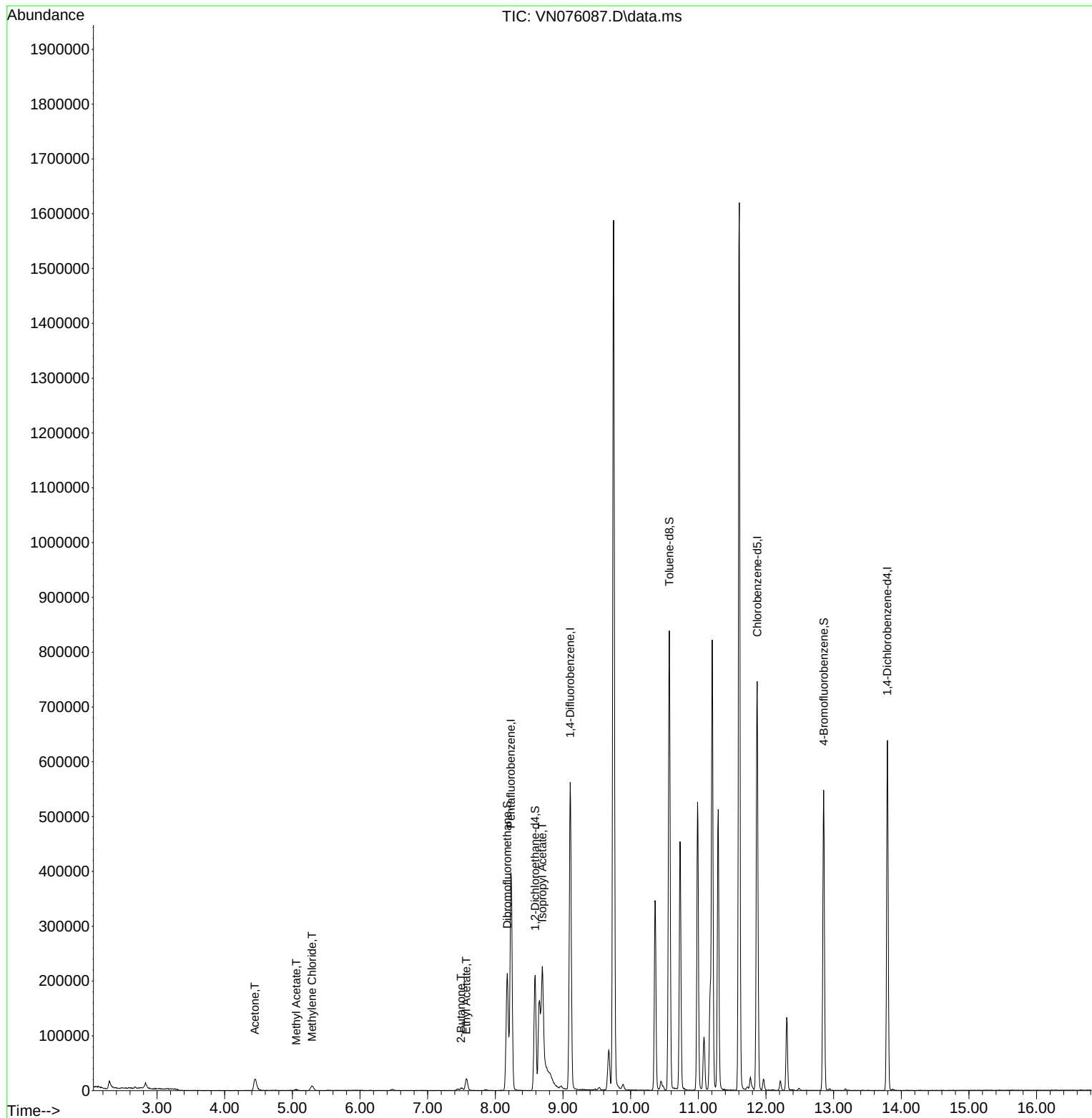
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076087.D
Acq On : 04 Jan 2023 17:30
Operator : JC\MD
Sample : PB150013ZHE#08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

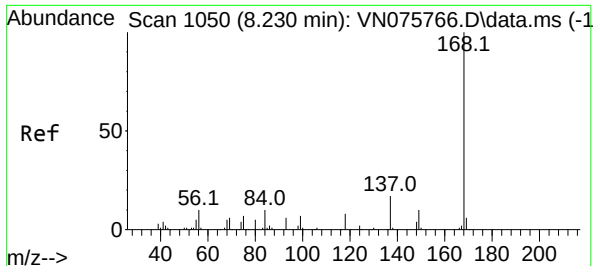
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#08

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/05/2023
Supervised By : Mahesh Dadoda 01/05/2023

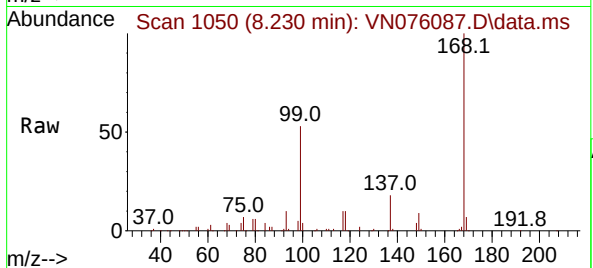
Quant Time: Jan 05 01:26:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30

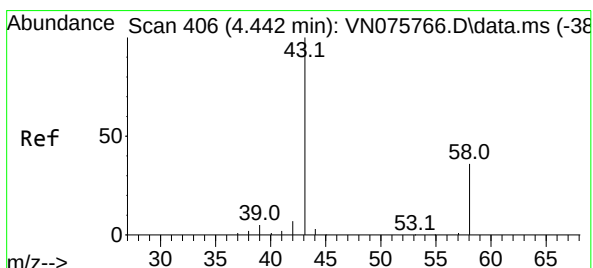
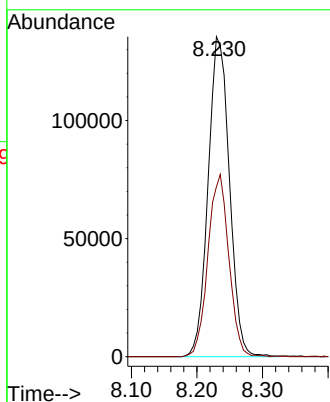
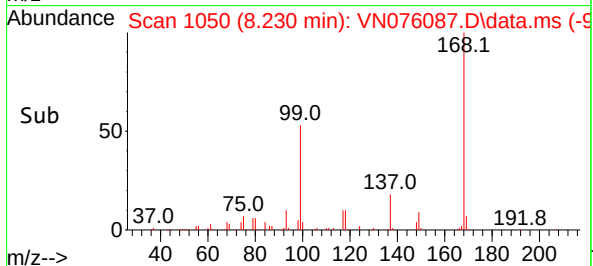
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#08



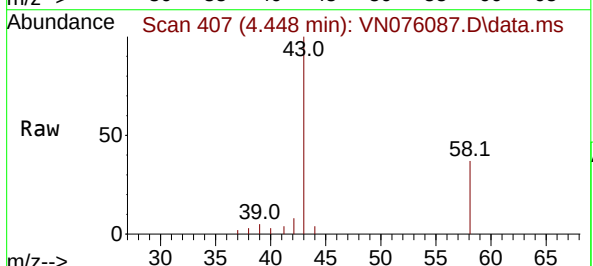
Tgt Ion:168 Resp: 30623
Ion Ratio Lower Upper
168 100
99 53.2 44.2 66.4

Manual Integrations
APPROVED

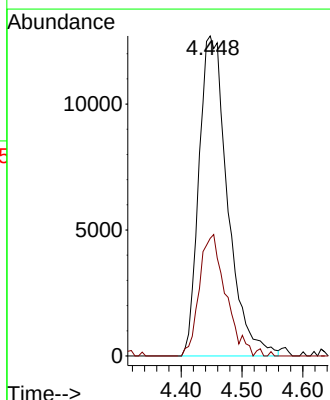
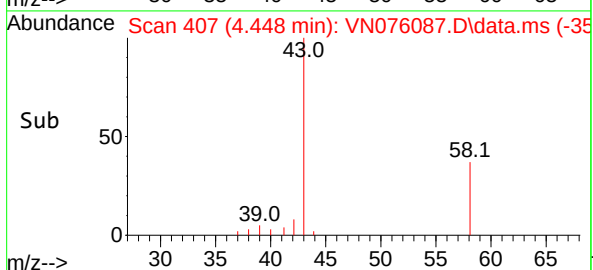
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

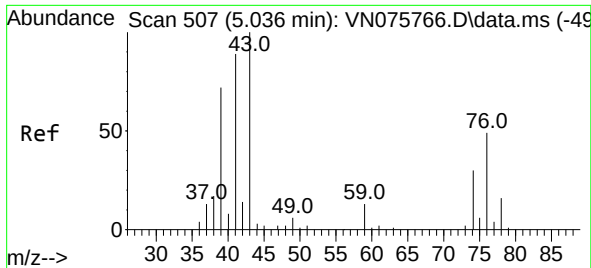


#16
Acetone
Concen: 36.134 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30



Tgt Ion: 43 Resp: 41498
Ion Ratio Lower Upper
43 100
58 36.8 28.6 43.0





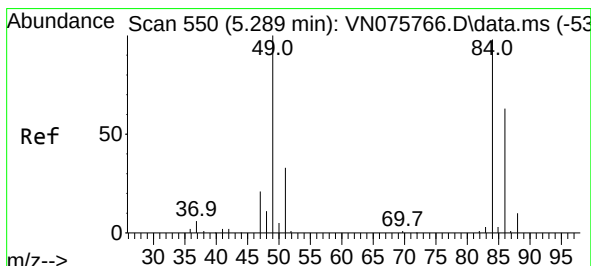
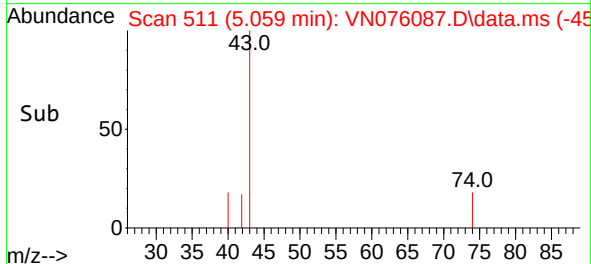
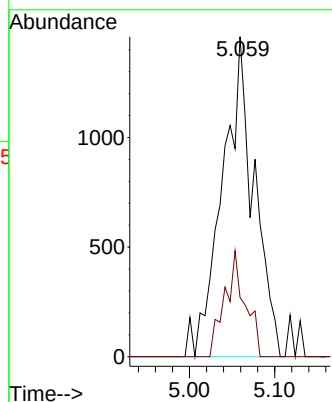
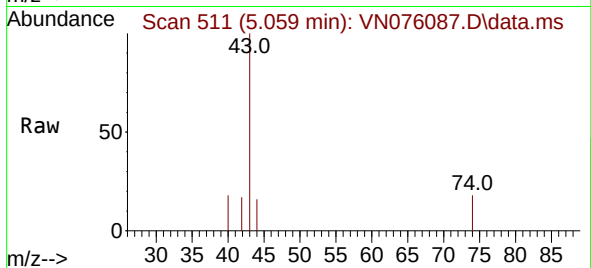
#18
Methyl Acetate
Concen: 1.115 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.024 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30

Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#08

Tgt Ion: 43 Resp: 3780
Ion Ratio Lower Upper
43 100
74 21.3 23.6 35.4

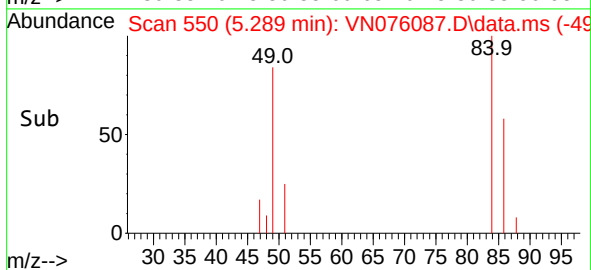
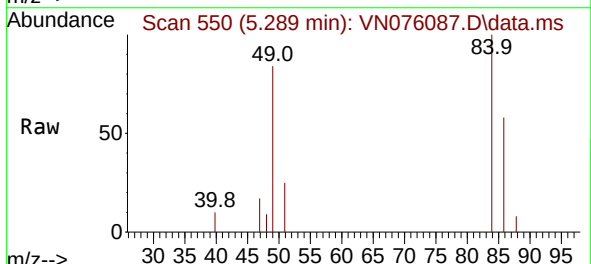
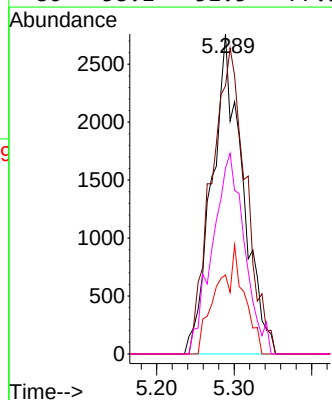
Manual Integrations
APPROVED

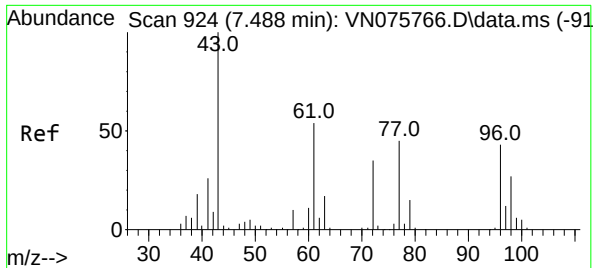
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#20
Methylene Chloride
Concen: 1.857 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30

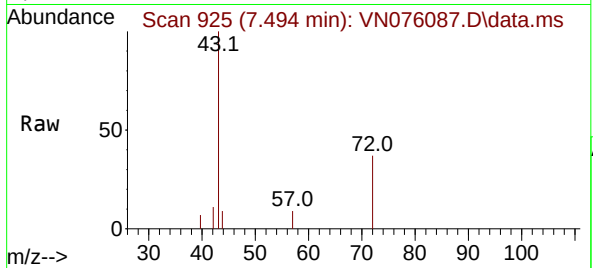
Tgt Ion: 84 Resp: 7598
Ion Ratio Lower Upper
84 100
49 83.7 81.8 122.6
51 24.7 26.7 40.1
86 58.1 51.5 77.3





#25
2-Butanone
Concen: 4.725 ug/l
RT: 7.494 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30

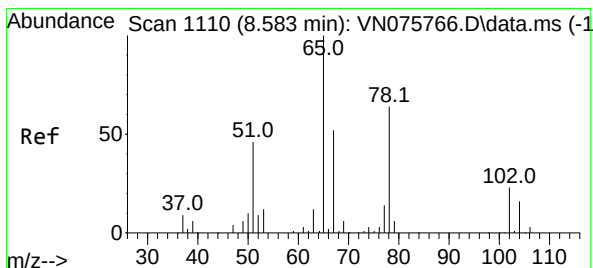
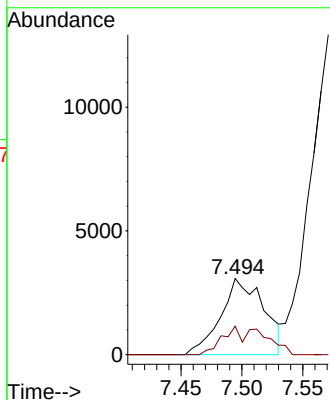
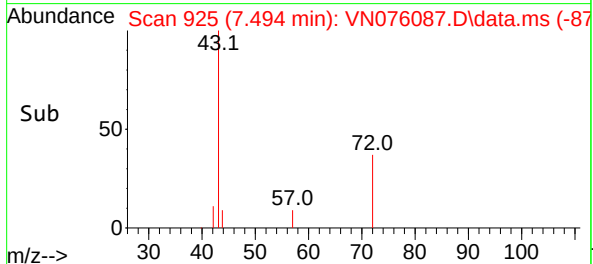
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#08



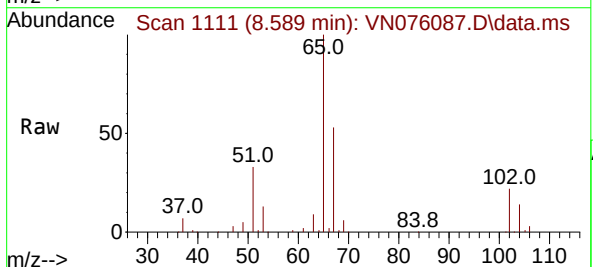
Tgt Ion: 43 Resp: 7598
Ion Ratio Lower Upper
43 100
72 37.5 28.0 42.0

Manual Integrations
APPROVED

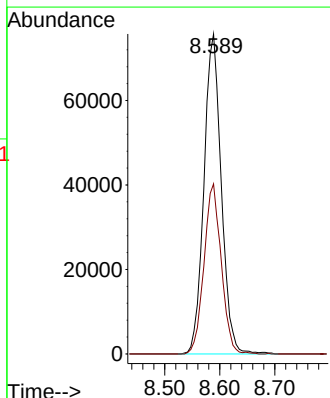
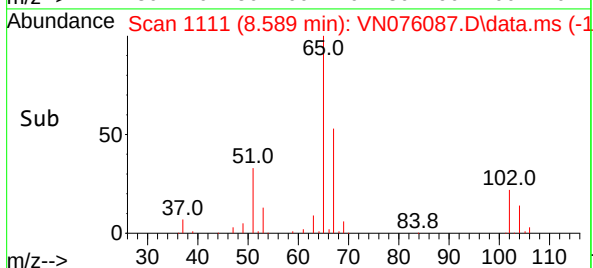
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

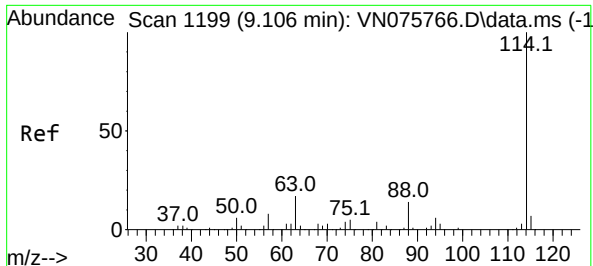


#33
1,2-Dichloroethane-d4
Concen: 49.840 ug/l
RT: 8.589 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30



Tgt Ion: 65 Resp: 166044
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076087.D

Acq: 04 Jan 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB150013ZHE#08

Tgt Ion:114 Resp: 513172

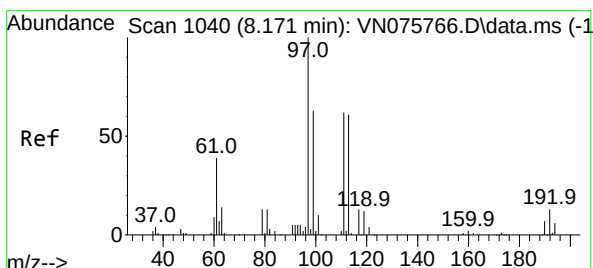
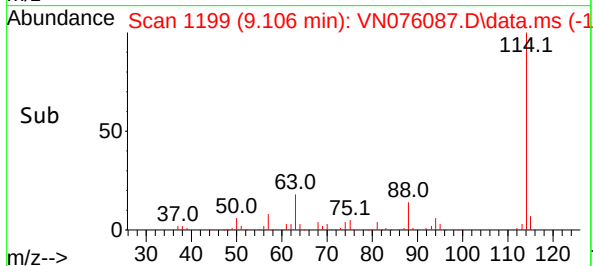
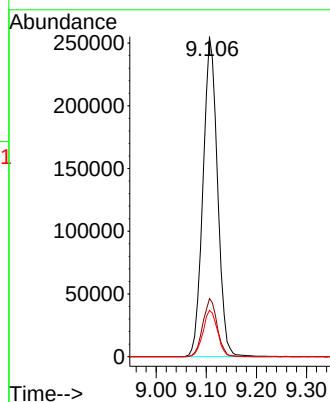
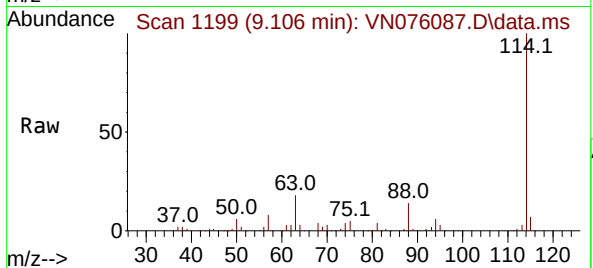
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	34.4
88	14.5	0.0	28.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#35

Dibromofluoromethane

Concen: 47.562 ug/l

RT: 8.177 min Scan# 1041

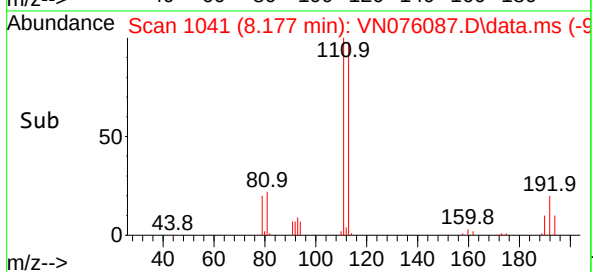
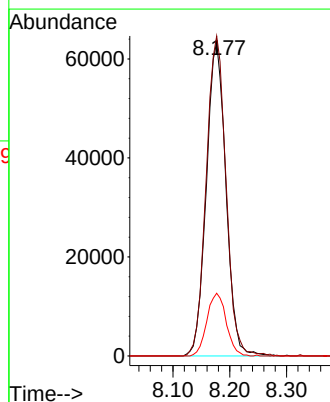
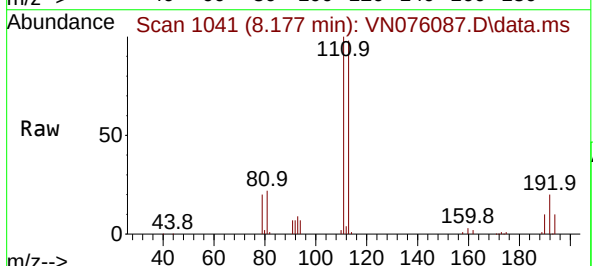
Delta R.T. 0.006 min

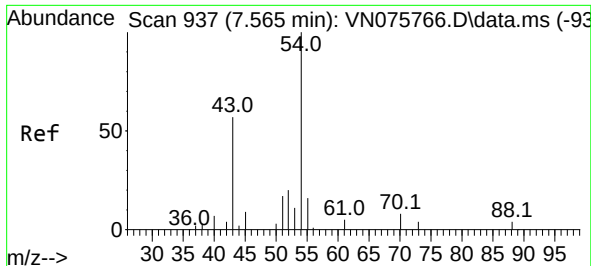
Lab File: VN076087.D

Acq: 04 Jan 2023 17:30

Tgt Ion:113 Resp: 151152

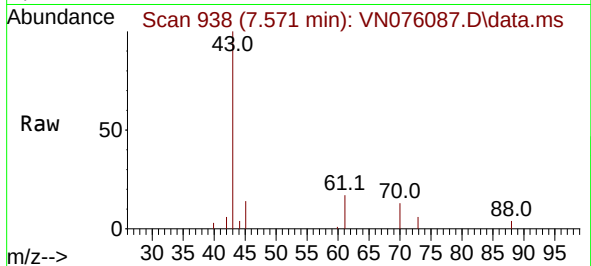
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.4	125.2
192	19.7	16.1	24.1





#37
Ethyl Acetate
Concen: 9.696 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30

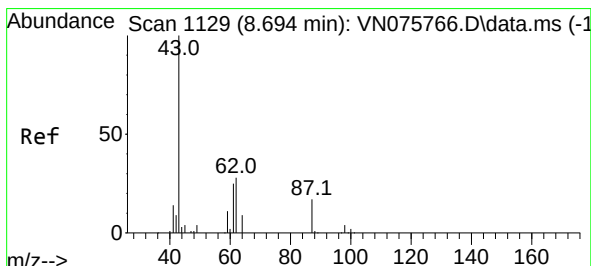
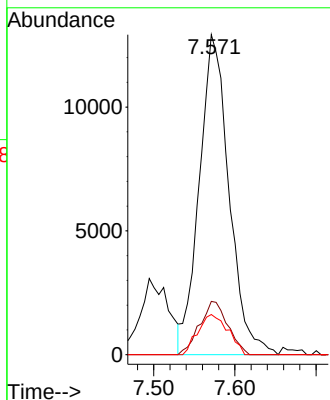
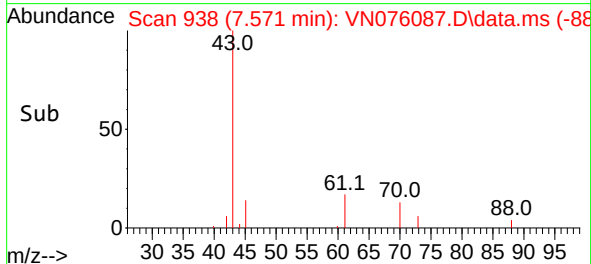
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#08



Tgt Ion: 43 Resp: 32879
Ion Ratio Lower Upper
43 100
61 15.8 13.0 19.4
70 12.6 9.4 14.0

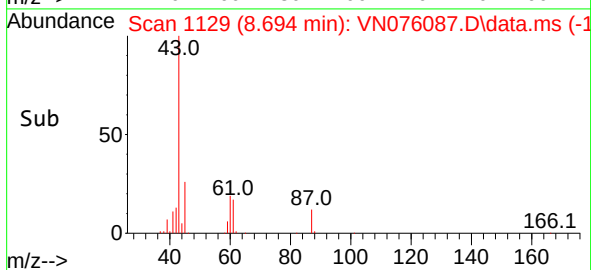
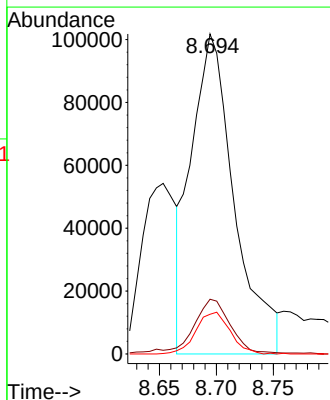
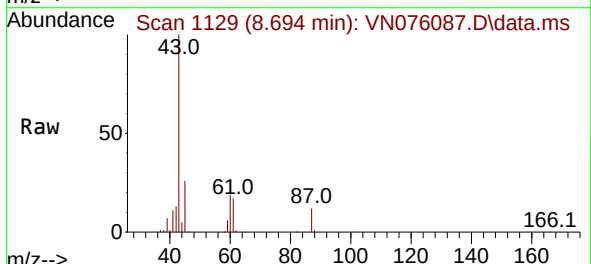
Manual Integrations
APPROVED

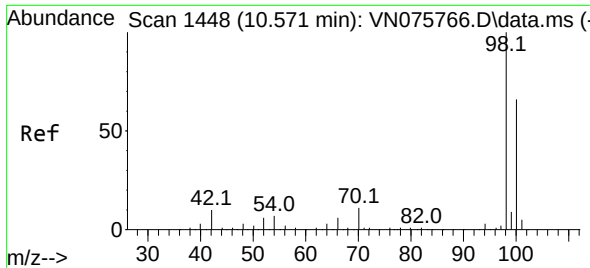
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#43
Isopropyl Acetate
Concen: 48.174 ug/l m
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30

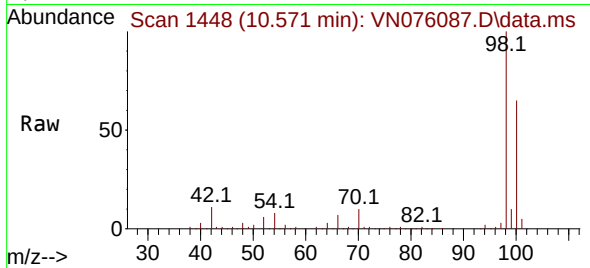
Tgt Ion: 43 Resp: 269471
Ion Ratio Lower Upper
43 100
61 15.0 24.2 36.4#
87 10.3 13.3 19.9#





#50
Toluene-d8
Concen: 49.930 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30

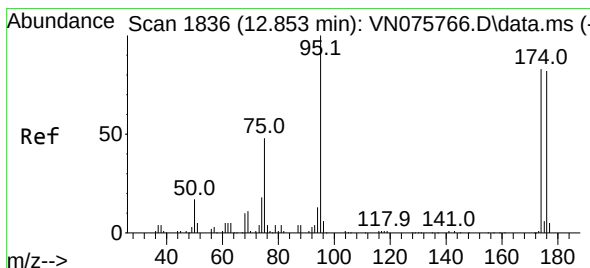
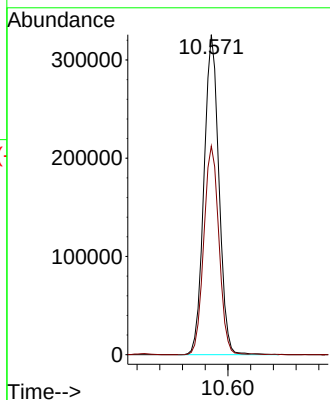
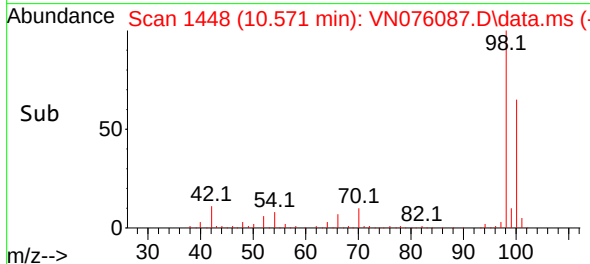
Instrument :
MSVOA_N
ClientSampleId :
PB150013ZHE#08



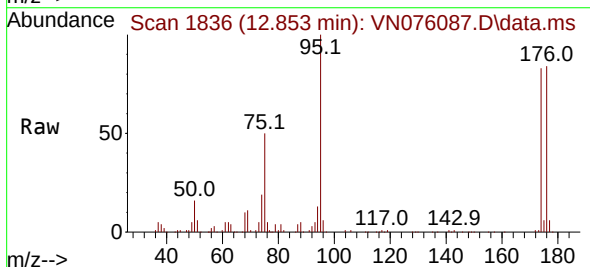
Tgt Ion: 98 Resp: 593270
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1

Manual Integrations
APPROVED

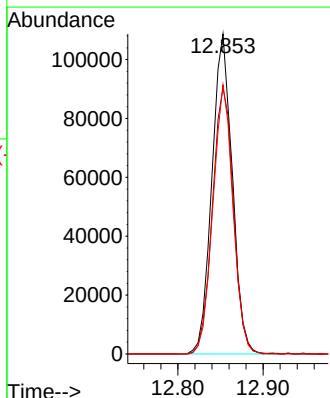
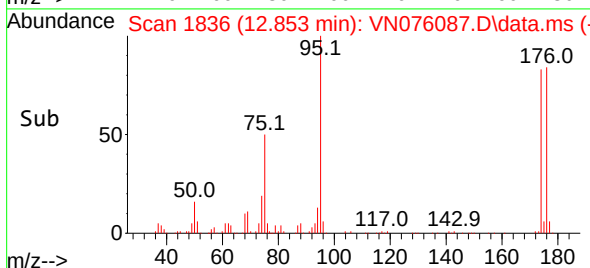
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

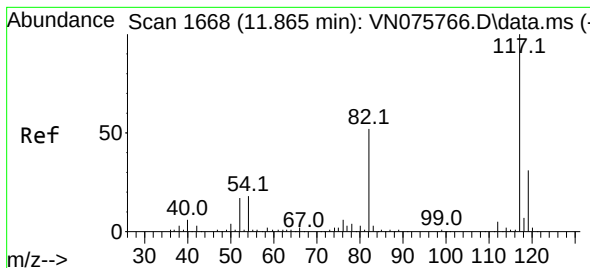


#62
4-Bromofluorobenzene
Concen: 45.864 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076087.D
Acq: 04 Jan 2023 17:30



Tgt Ion: 95 Resp: 180500
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 82.9 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076087.D

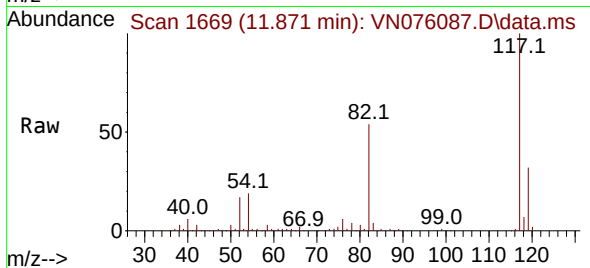
Acq: 04 Jan 2023 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB150013ZHE#08



Tgt Ion:117 Resp: 45247

Ion Ratio Lower Upper

117 100

82 53.6 41.3 61.9

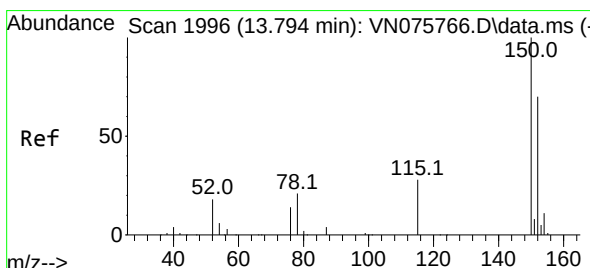
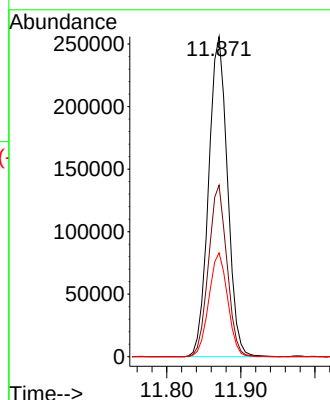
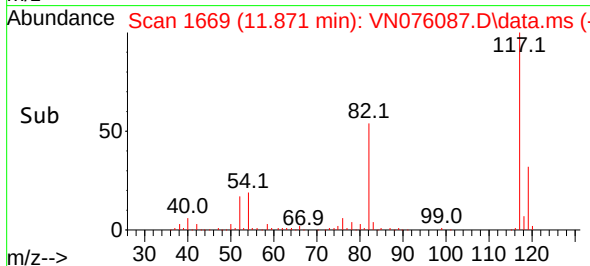
119 32.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076087.D

Acq: 04 Jan 2023 17:30

Tgt Ion:152 Resp: 179426

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.4

150 156.5 0.0 347.0

