

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078831.D
 Acq On : 10 Aug 2023 12:43
 Operator : JC\MD
 Sample : PB154726ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB154726ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 10 23:49:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	179520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	348584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	331725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	86555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	144888	53.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.680%			
35) Dibromofluoromethane	8.177	113	120790	51.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	10.571	98	453709	52.374	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.740%			
62) 4-Bromofluorobenzene	12.853	95	120326	46.477	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.960%			
Target Compounds					Qvalue	
16) Acetone	4.453	43	29765m	28.745	ug/l	
20) Methylene Chloride	5.289	84	14383	5.608	ug/l #	86
25) 2-Butanone	7.500	43	14477	8.256	ug/l #	87
37) Ethyl Acetate	7.577	43	5974	1.539	ug/l #	73
43) Isopropyl Acetate	8.694	43	126087	19.260	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	53728	13.399	ug/l #	78

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

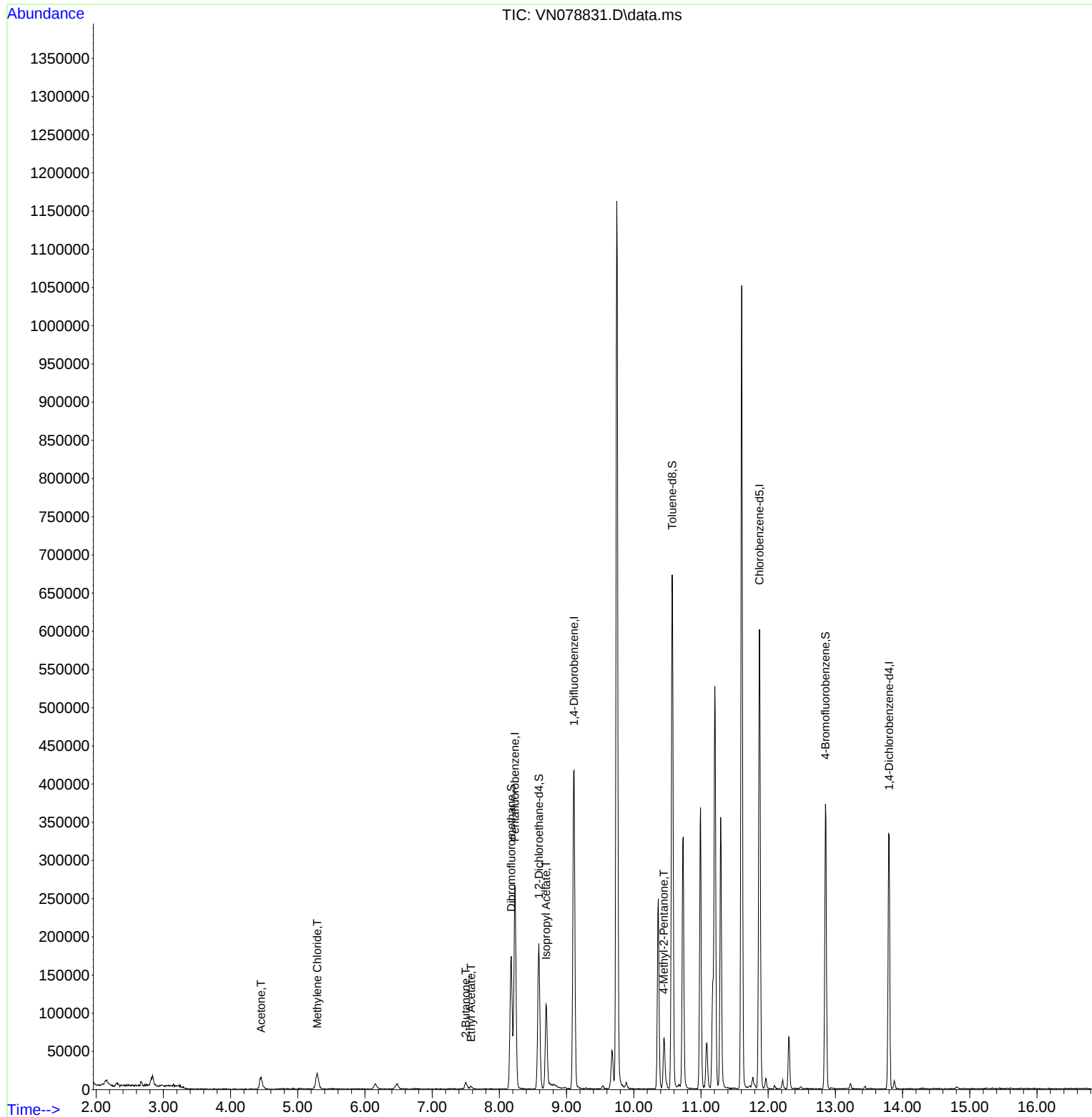
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
Data File : VN078831.D
Acq On : 10 Aug 2023 12:43
Operator : JC\MD
Sample : PB154726ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

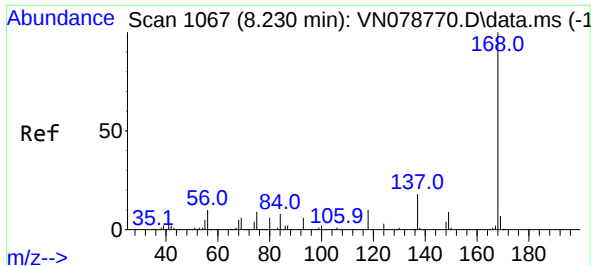
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#02

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/11/2023
Supervised By : Mahesh Dadoda 08/11/2023

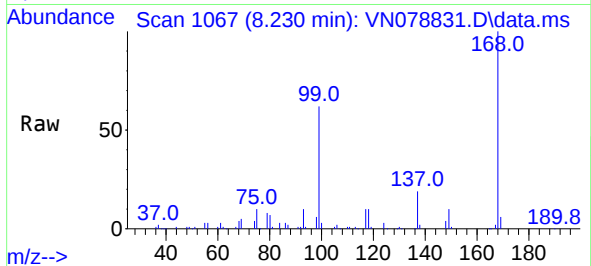
Quant Time: Aug 10 23:49:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 08 05:03:52 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

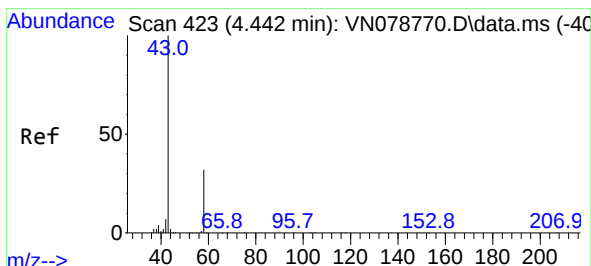
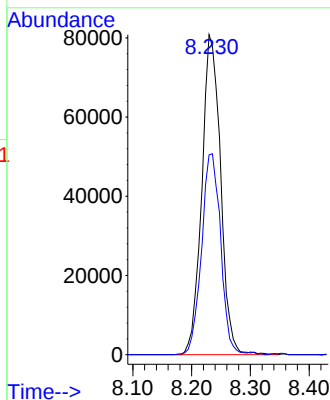
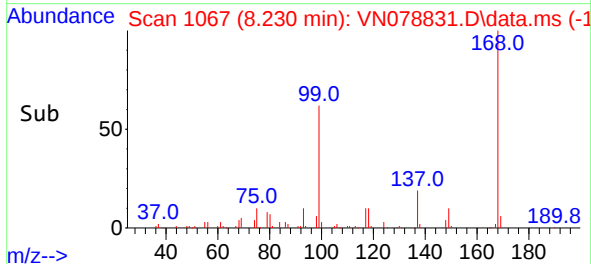
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#02



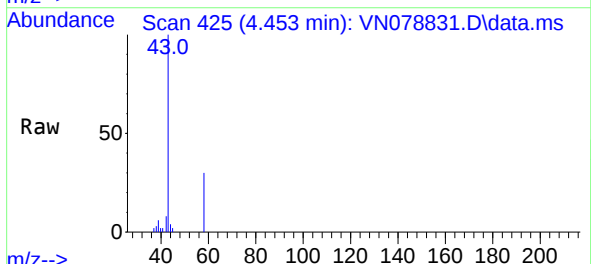
Tgt Ion:168 Resp: 179520
Ion Ratio Lower Upper
168 100
99 62.3 53.0 79.6

Manual Integrations
APPROVED

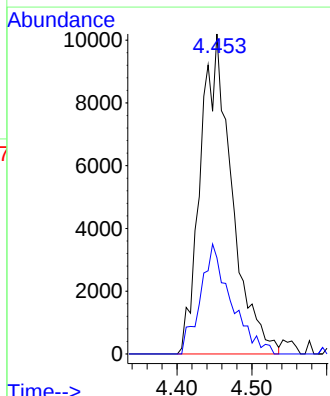
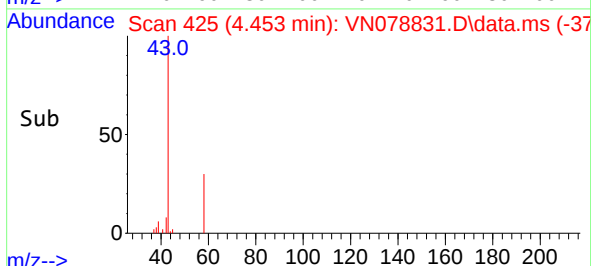
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

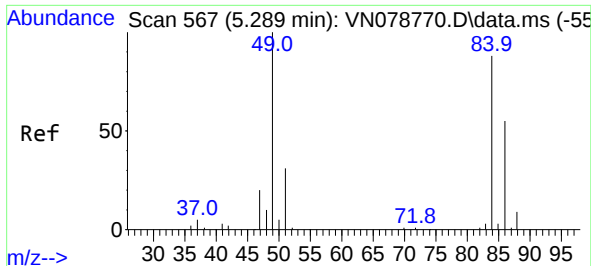


#16
Acetone
Concen: 28.745 ug/l m
RT: 4.453 min Scan# 425
Delta R.T. 0.011 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43



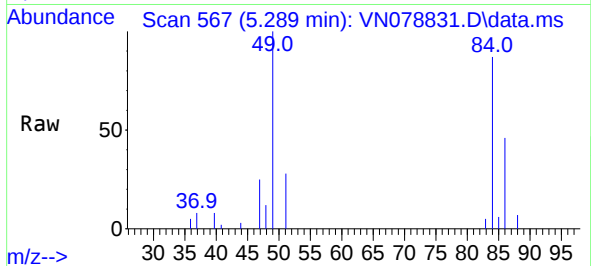
Tgt Ion: 43 Resp: 29765
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0





#20
Methylene Chloride
Concen: 5.608 ug/l
RT: 5.289 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

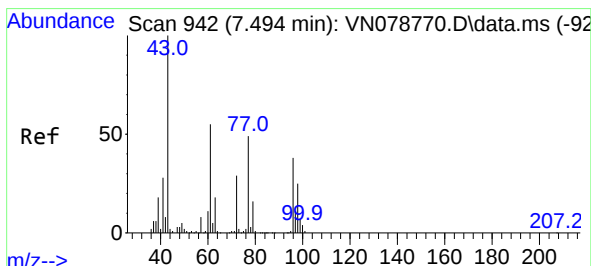
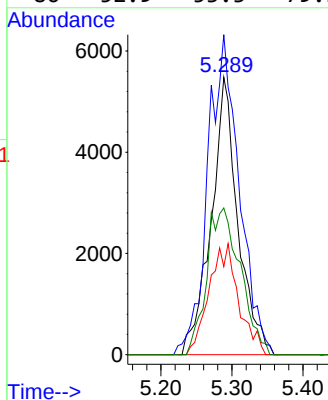
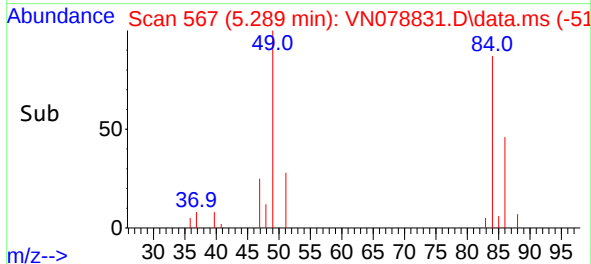
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#02



Tgt Ion: 84 Resp: 1438
Ion Ratio Lower Upper
84 100
49 115.4 79.7 119.5
51 31.8 25.2 37.8
86 52.9 53.3 79.9#

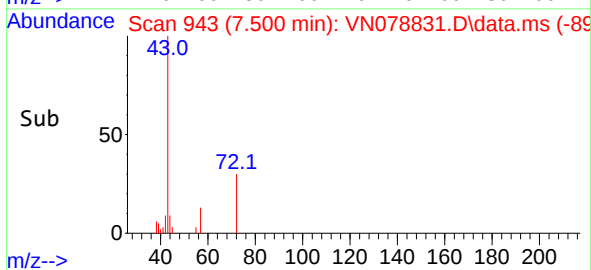
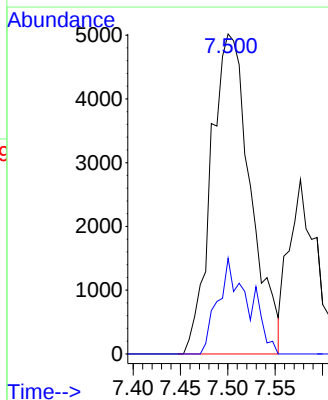
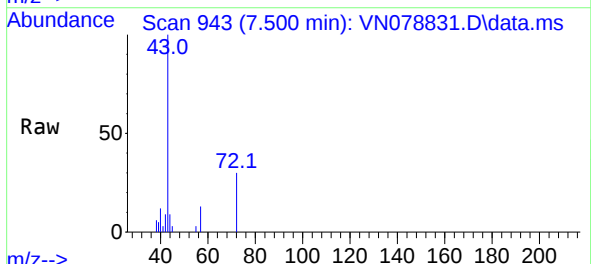
Manual Integrations
APPROVED

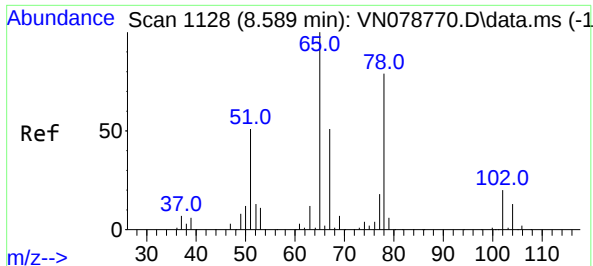
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#25
2-Butanone
Concen: 8.256 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

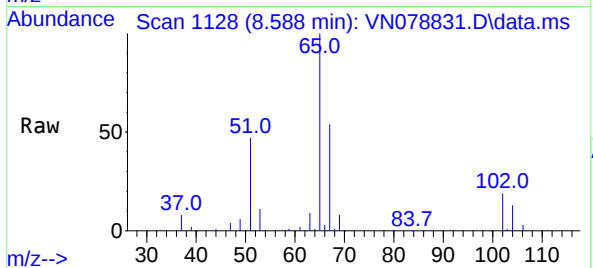
Tgt Ion: 43 Resp: 14477
Ion Ratio Lower Upper
43 100
72 29.9 30.2 45.2#





#33
1,2-Dichloroethane-d4
Concen: 53.836 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

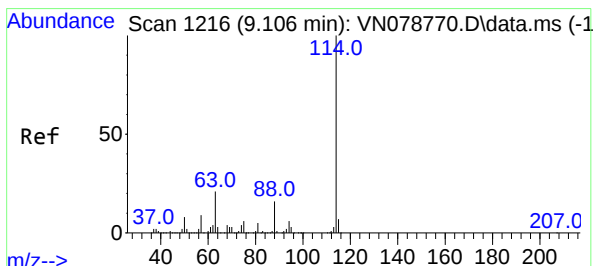
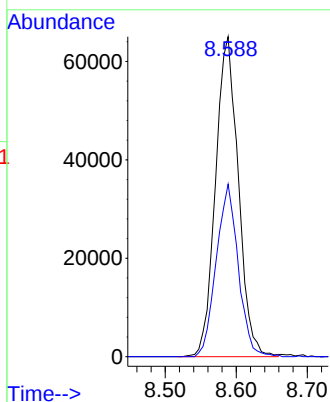
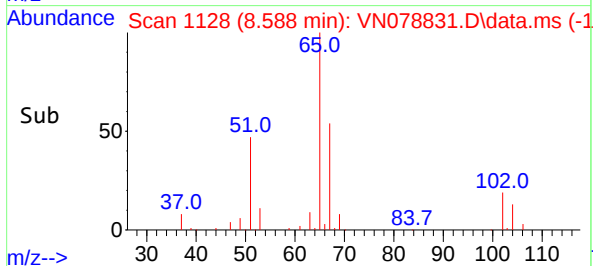
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#02



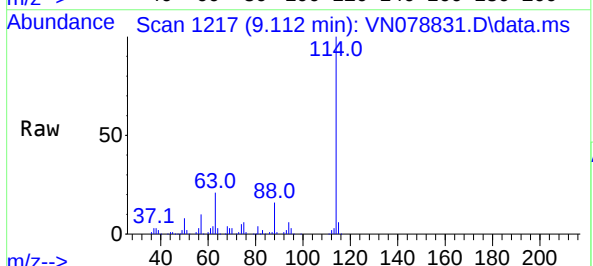
Tgt Ion: 65 Resp: 144888
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6

Manual Integrations
APPROVED

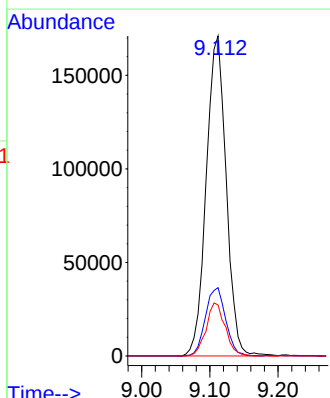
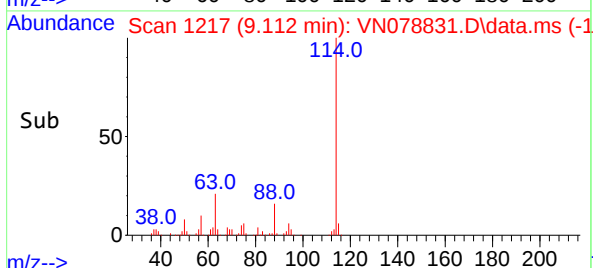
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

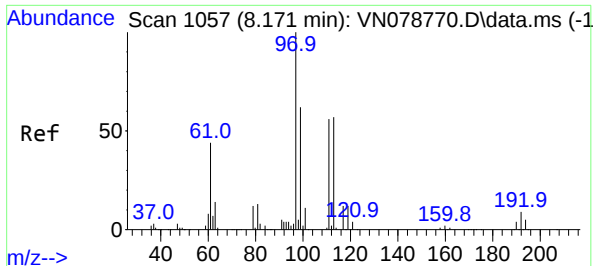


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43



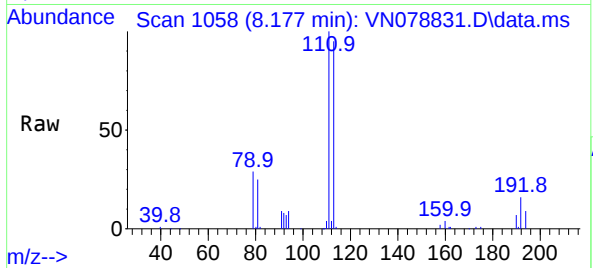
Tgt Ion:114 Resp: 348584
Ion Ratio Lower Upper
114 100
63 21.3 0.0 36.4
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.312 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

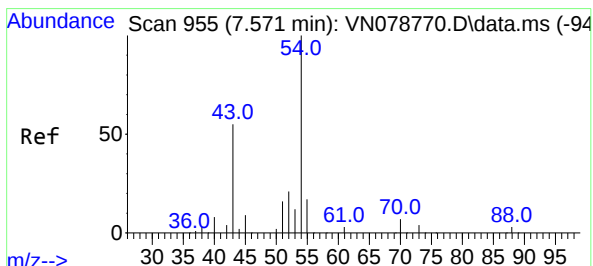
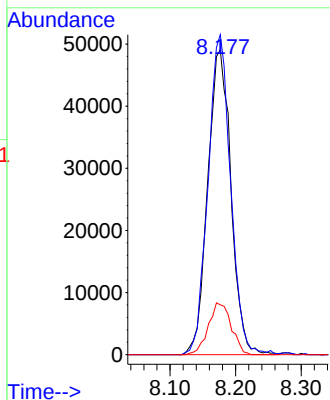
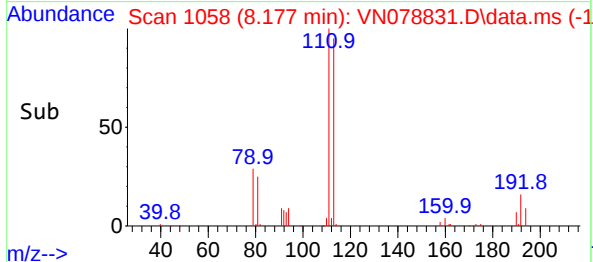
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#02



Tgt Ion: 113 Resp: 120790
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 16.7 12.7 19.1

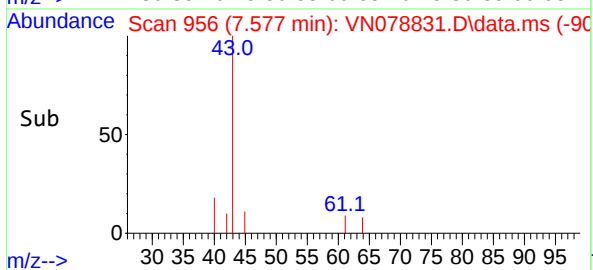
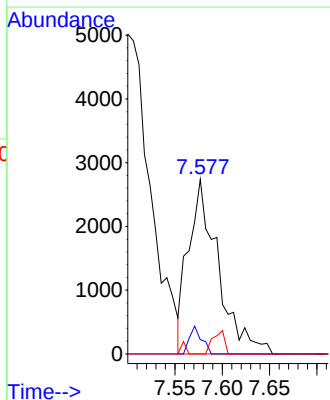
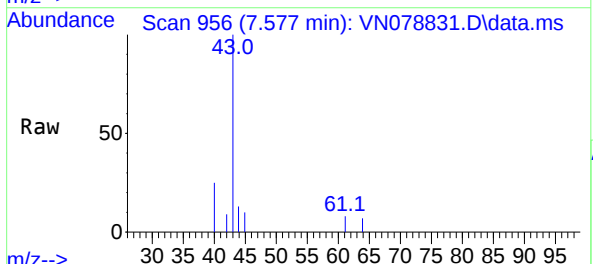
Manual Integrations
APPROVED

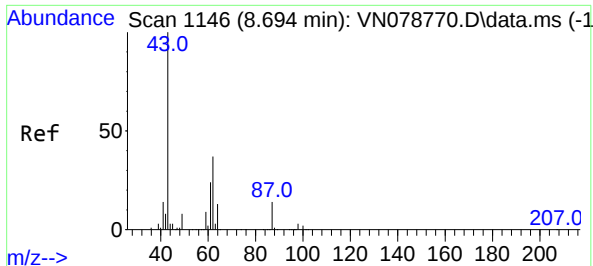
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#37
Ethyl Acetate
Concen: 1.539 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

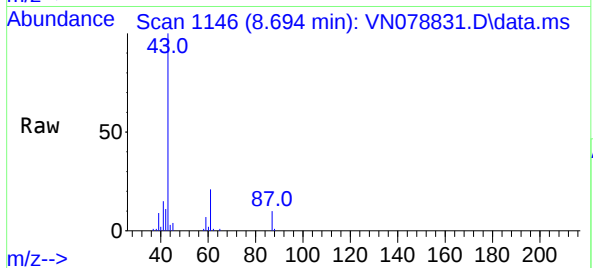
Tgt Ion: 43 Resp: 5974
Ion Ratio Lower Upper
43 100
61 6.5 13.2 19.8#
70 1.2 11.3 16.9#





#43
Isopropyl Acetate
Concen: 19.260 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

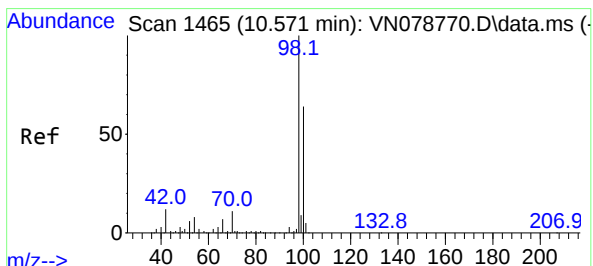
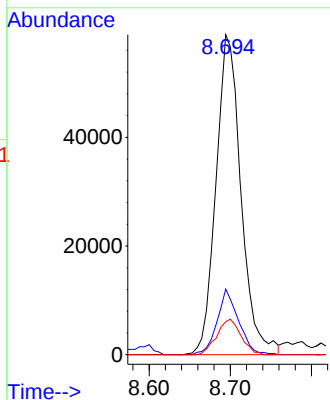
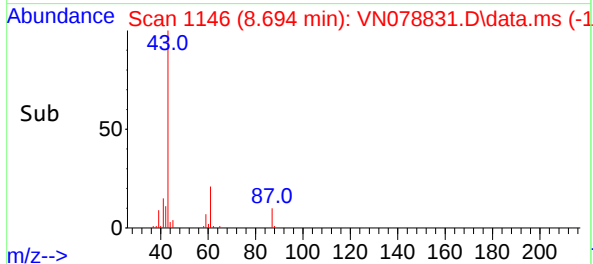
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#02



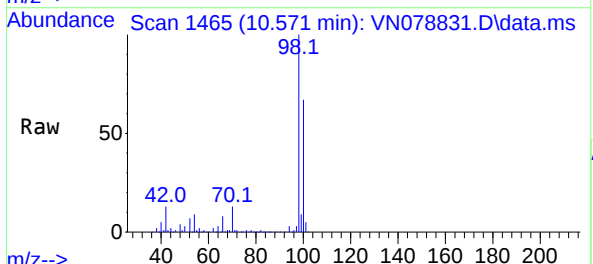
Tgt Ion: 43 Resp: 12608
Ion Ratio Lower Upper
43 100
61 17.5 24.7 37.1
87 10.7 14.6 21.8

Manual Integrations
APPROVED

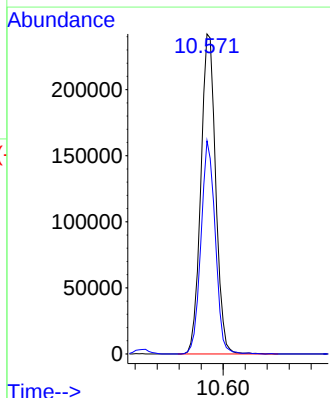
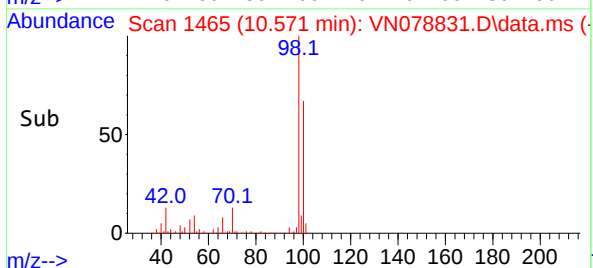
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

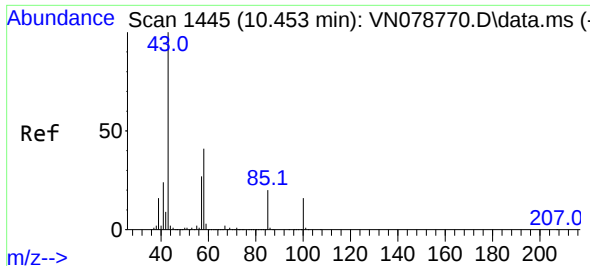


#50
Toluene-d8
Concen: 52.374 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43



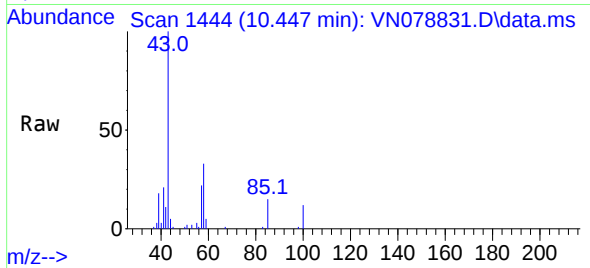
Tgt Ion: 98 Resp: 453709
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 13.399 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

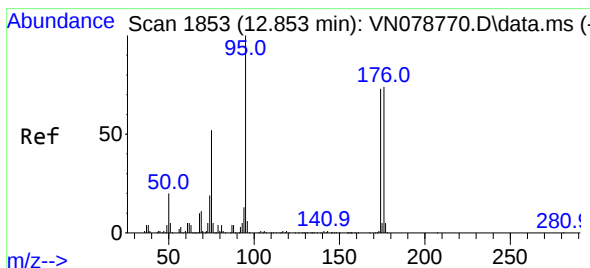
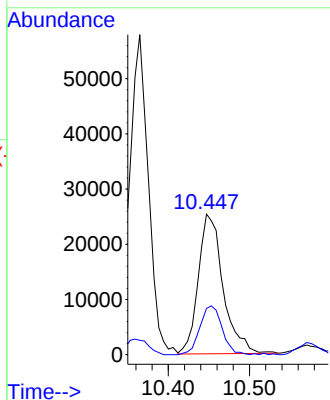
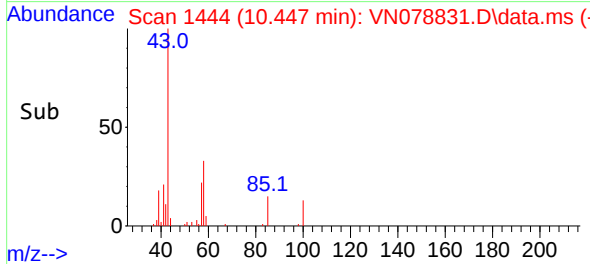
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#02



Tgt Ion: 43 Resp: 53728
Ion Ratio Lower Upper
43 100
58 31.2 36.6 54.8

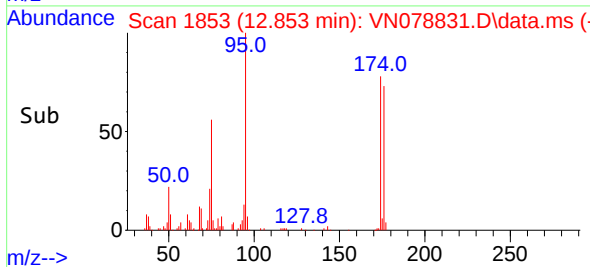
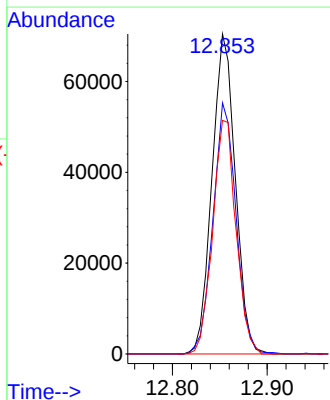
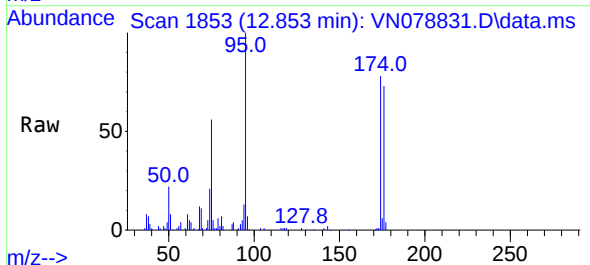
Manual Integrations
APPROVED

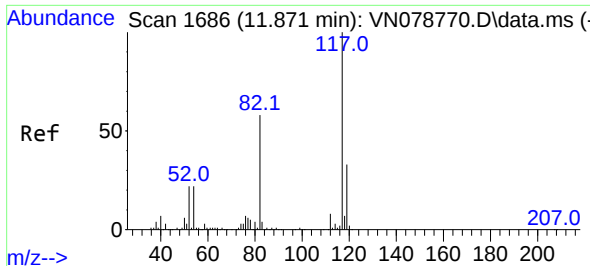
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#62
4-Bromofluorobenzene
Concen: 46.477 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

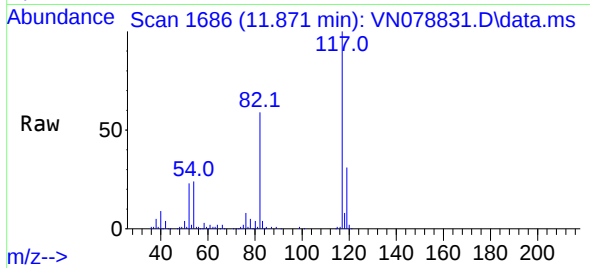
Tgt Ion: 95 Resp: 120326
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 73.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43

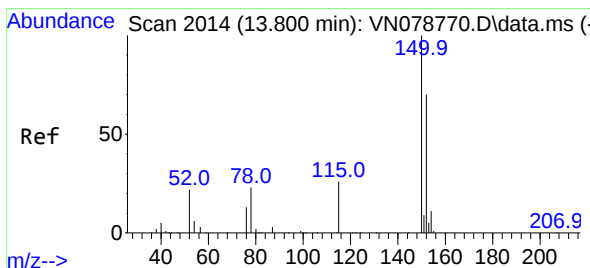
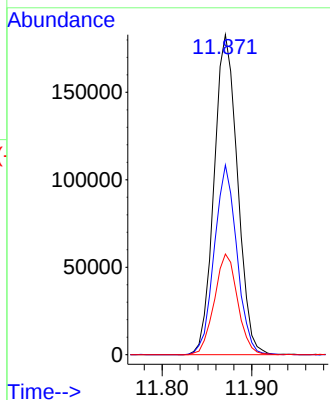
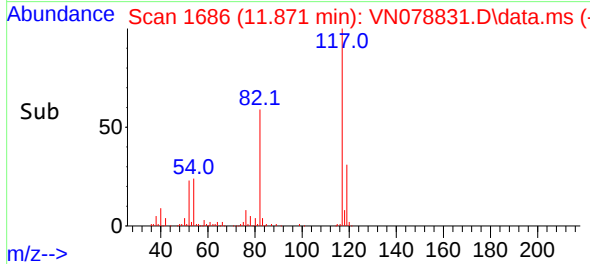
Instrument :
MSVOA_N
ClientSampleId :
PB154726ZHE#02



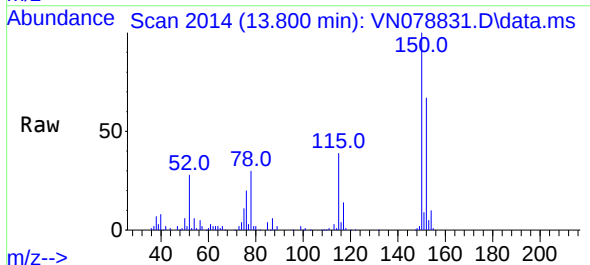
Tgt Ion:117 Resp: 331725
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 31.4 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078831.D
Acq: 10 Aug 2023 12:43



Tgt Ion:152 Resp: 86555
Ion Ratio Lower Upper
152 100
115 58.5 32.3 96.8
150 155.0 0.0 355.8

