

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078112.D
 Acq On : 07 Jun 2023 18:39
 Operator : JC\MD
 Sample : 03046-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2-6-10

Quant Time: Jun 08 05:29:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2023
 Supervised By : Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	373511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	689108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	612184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	184935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	256227	51.451	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.900%			
35) Dibromofluoromethane	8.177	113	222836	51.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.280%			
50) Toluene-d8	10.571	98	846507	50.396	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.853	95	249210	47.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.440%			
Target Compounds					Qvalue	
16) Acetone	4.453	43	16066	11.208	ug/l	91
18) Methyl Acetate	5.053	43	7904m	1.198	ug/l	
20) Methylene Chloride	5.283	84	21801	4.602	ug/l #	92
25) 2-Butanone	7.489	43	46139	20.931	ug/l #	73

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

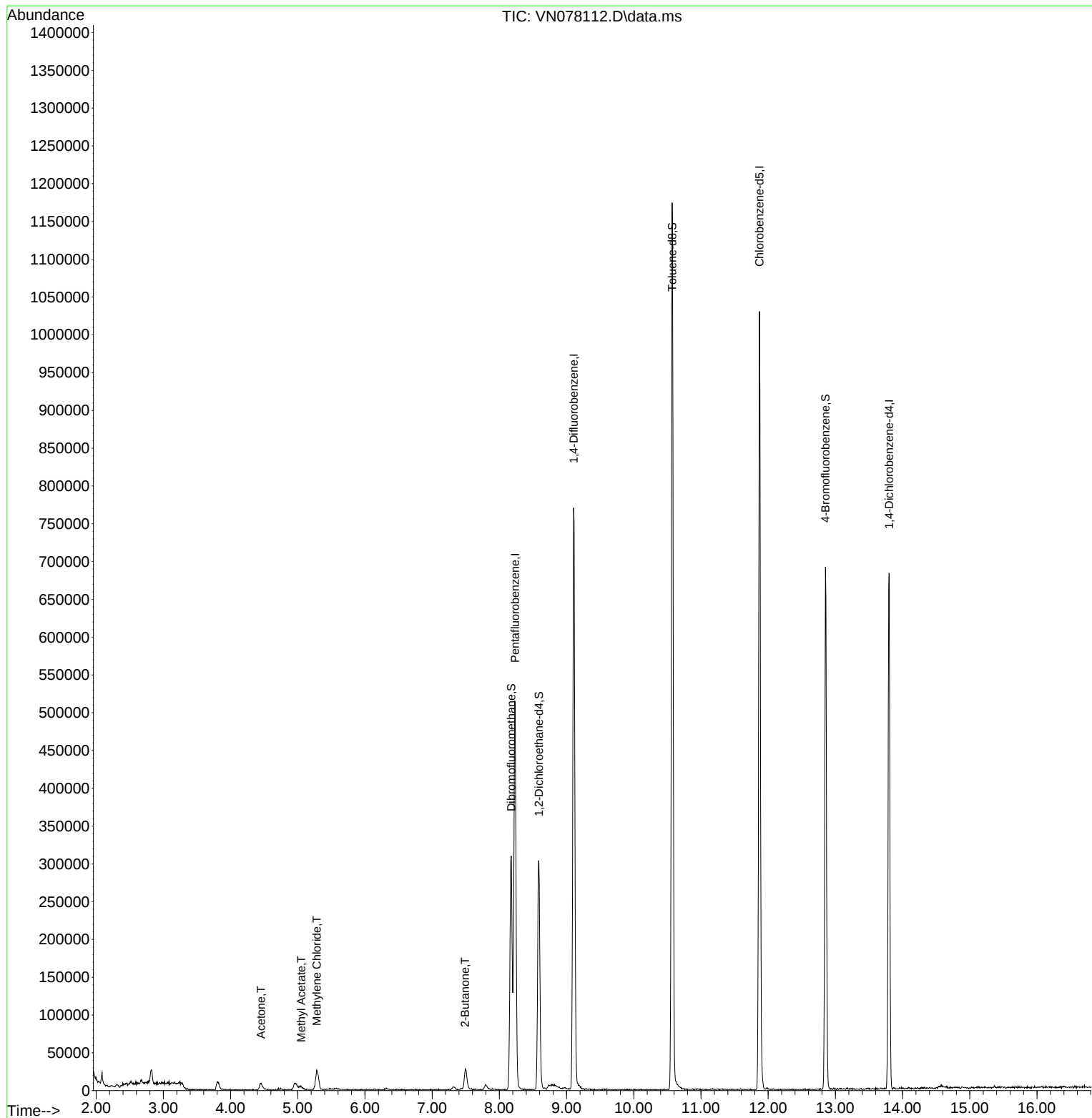
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
Data File : VN078112.D
Acq On : 07 Jun 2023 18:39
Operator : JC\MD
Sample : 03046-07 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-6-10

Quant Time: Jun 08 05:29:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

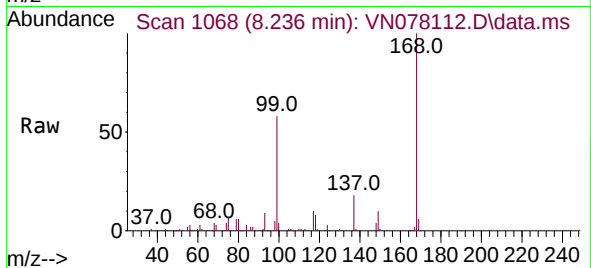
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078112.D
Acq: 07 Jun 2023 18:39

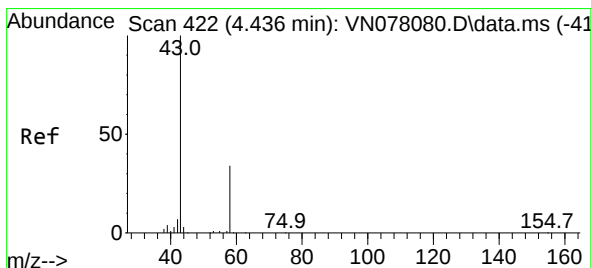
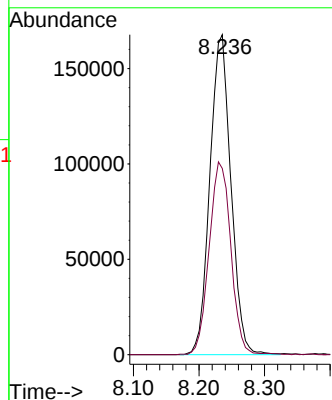
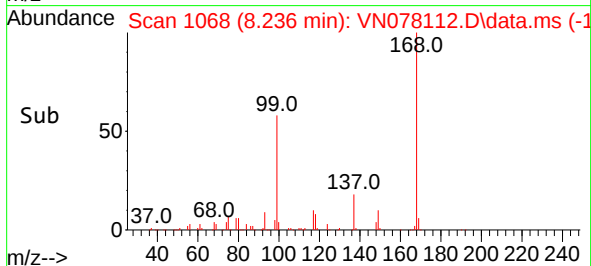
Instrument :
MSVOA_N
ClientSampleId :
COMP-2-6-10



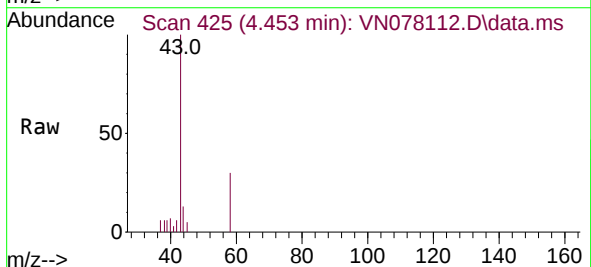
Tgt Ion:168 Resp: 37351
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6

Manual Integrations
APPROVED

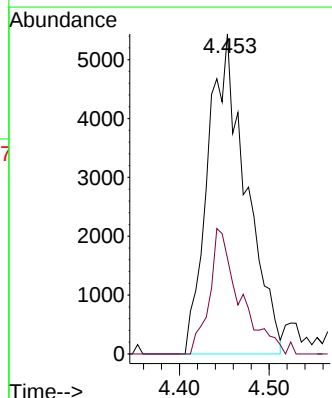
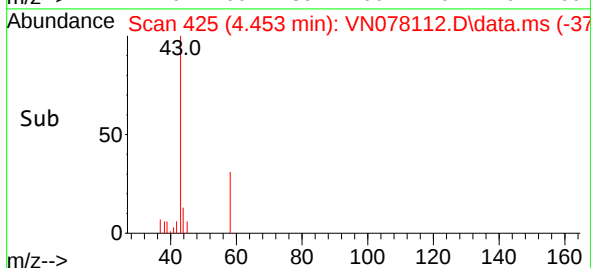
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023

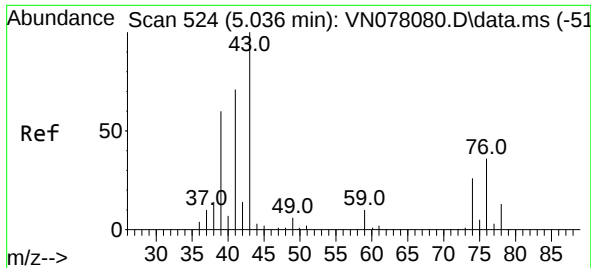


#16
Acetone
Concen: 11.208 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078112.D
Acq: 07 Jun 2023 18:39



Tgt Ion: 43 Resp: 16066
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0





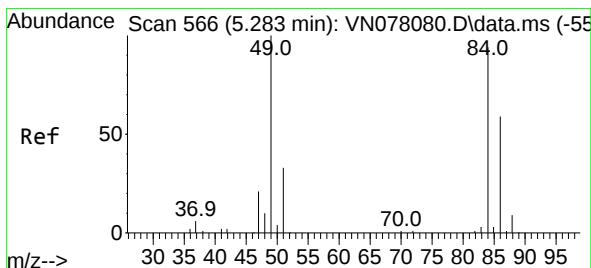
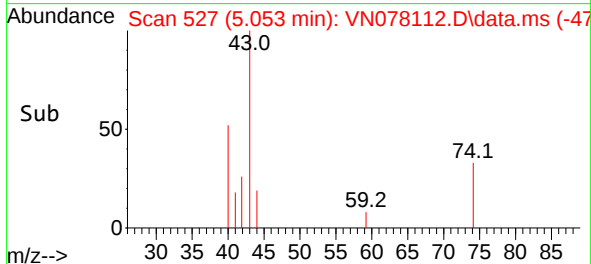
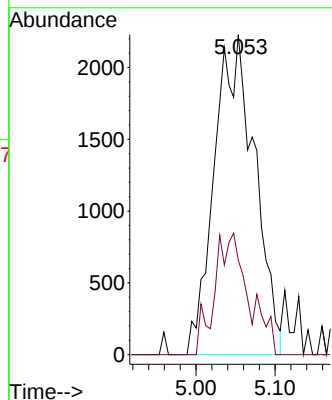
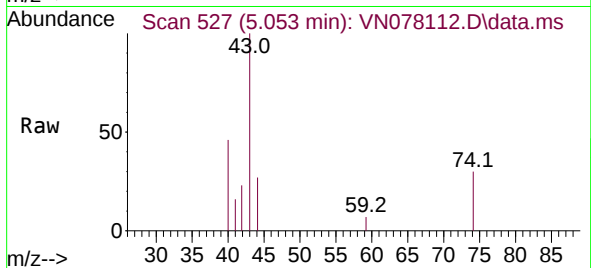
#18
Methyl Acetate
Concen: 1.198 ug/l m
RT: 5.053 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN078112.D
Acq: 07 Jun 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-6-10

Tgt Ion: 43 Resp: 7904
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4

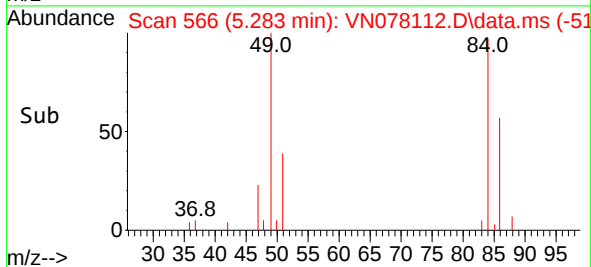
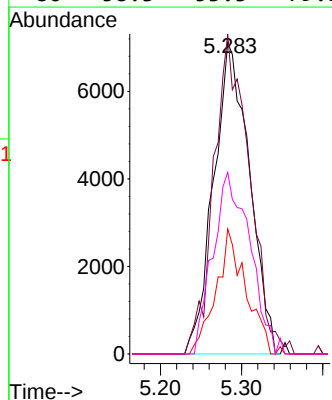
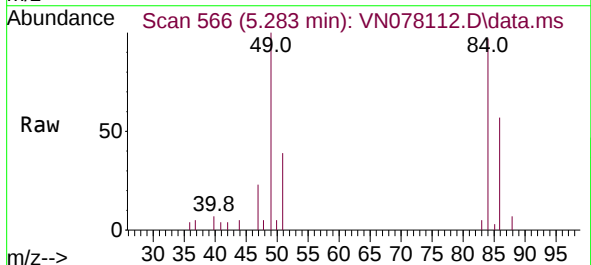
Manual Integrations
APPROVED

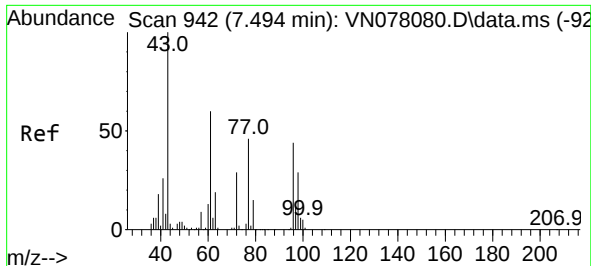
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#20
Methylene Chloride
Concen: 4.602 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.000 min
Lab File: VN078112.D
Acq: 07 Jun 2023 18:39

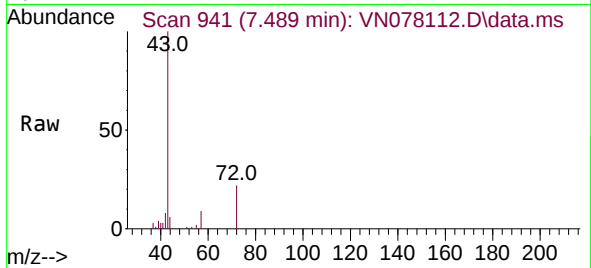
Tgt Ion: 84 Resp: 21801
Ion Ratio Lower Upper
84 100
49 102.7 79.7 119.5
51 40.1 25.2 37.8#
86 58.3 53.3 79.9





#25
2-Butanone
Concen: 20.931 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078112.D
Acq: 07 Jun 2023 18:39

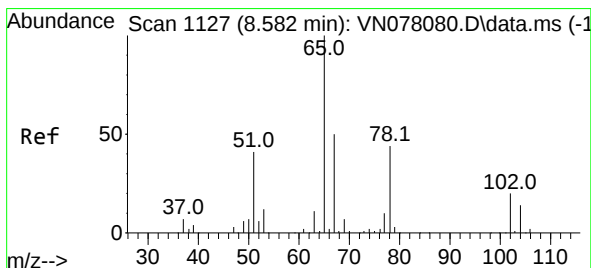
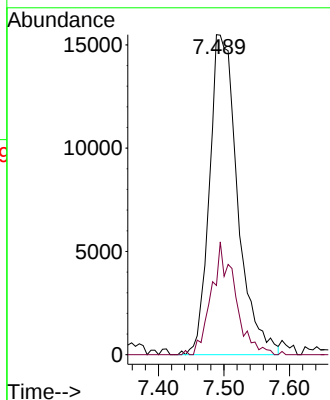
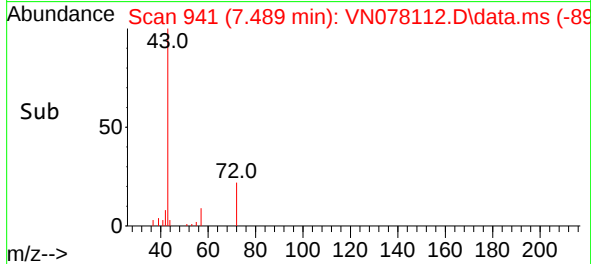
Instrument :
MSVOA_N
ClientSampleId :
COMP-2-6-10



Tgt Ion: 43 Resp: 46139
Ion Ratio Lower Upper
43 100
72 21.7 30.2 45.2

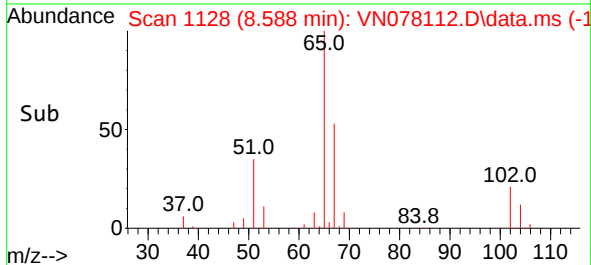
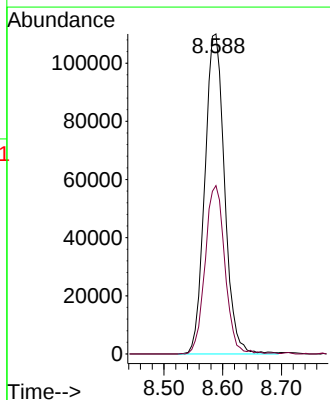
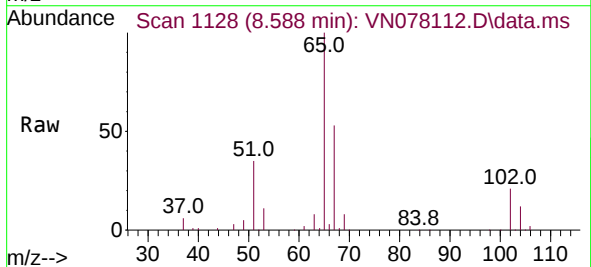
Manual Integrations
APPROVED

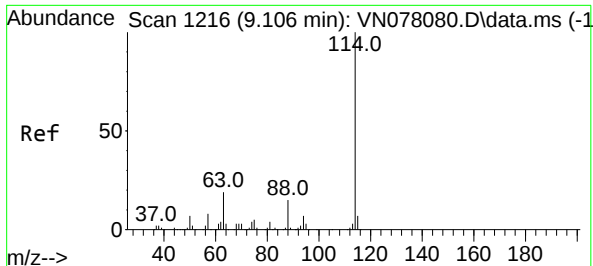
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#33
1,2-Dichloroethane-d4
Concen: 51.451 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078112.D
Acq: 07 Jun 2023 18:39

Tgt Ion: 65 Resp: 256227
Ion Ratio Lower Upper
65 100
67 52.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078112.D

Acq: 07 Jun 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

COMP-2-6-10

Tgt Ion:114 Resp: 689108

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.4

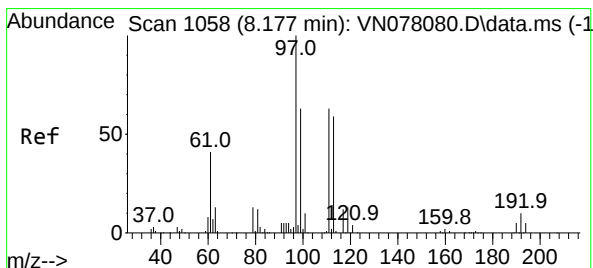
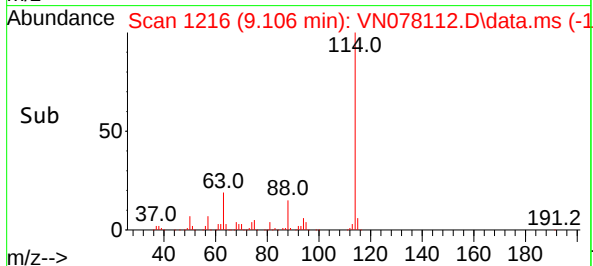
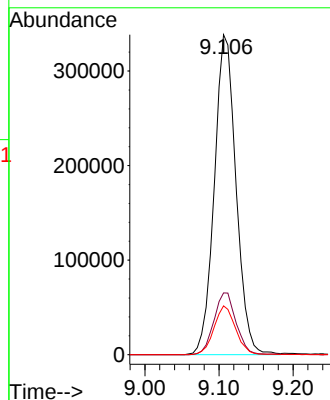
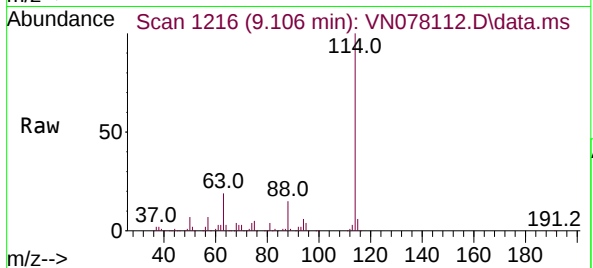
88 15.2 0.0 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#35

Dibromofluoromethane

Concen: 51.143 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078112.D

Acq: 07 Jun 2023 18:39

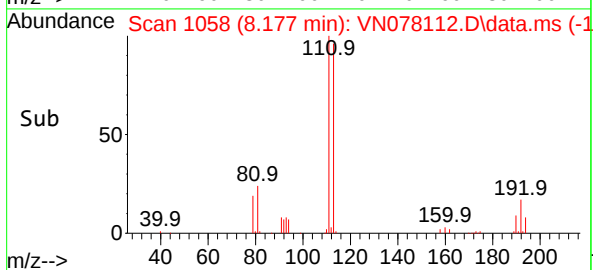
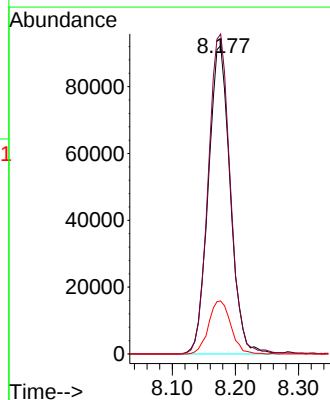
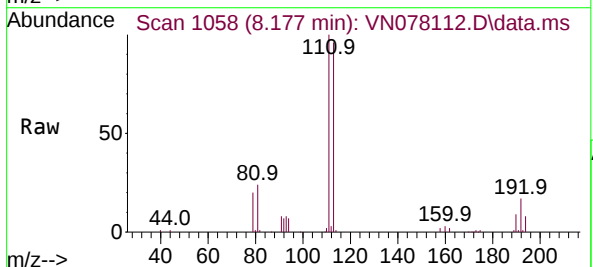
Tgt Ion:113 Resp: 222836

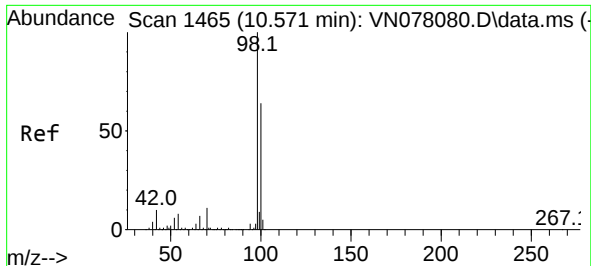
Ion Ratio Lower Upper

113 100

111 104.3 82.6 123.8

192 17.4 12.7 19.1





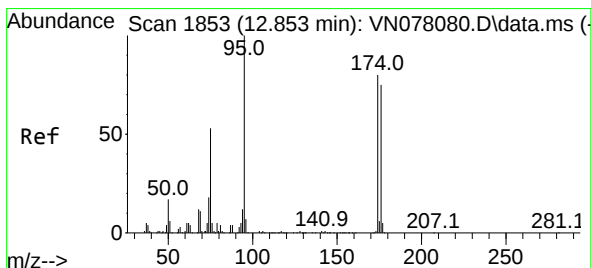
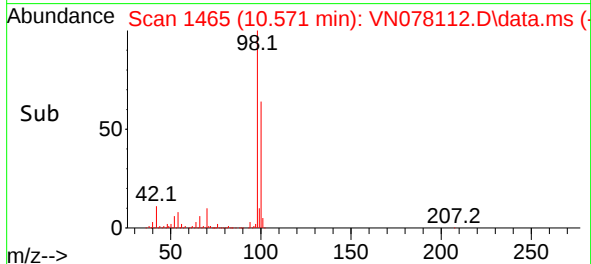
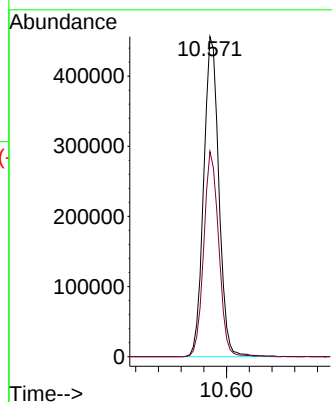
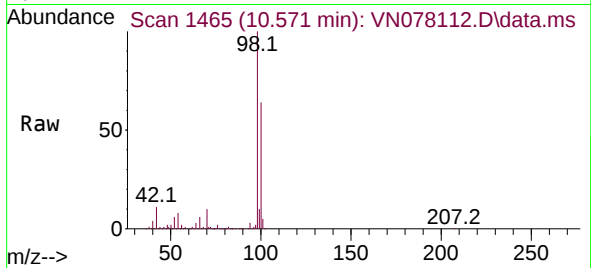
#50
Toluene-d8
Concen: 50.396 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078112.D
Acq: 07 Jun 2023 18:39

Instrument :
MSVOA_N
ClientSampleId :
COMP-2-6-10

Tgt Ion: 98 Resp: 846507
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

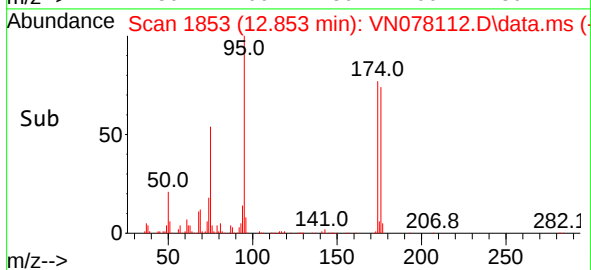
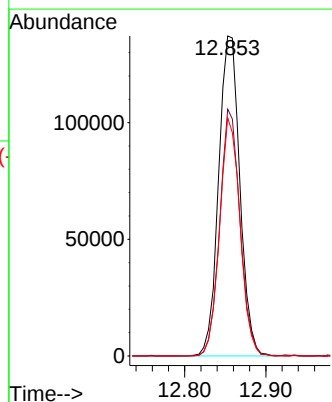
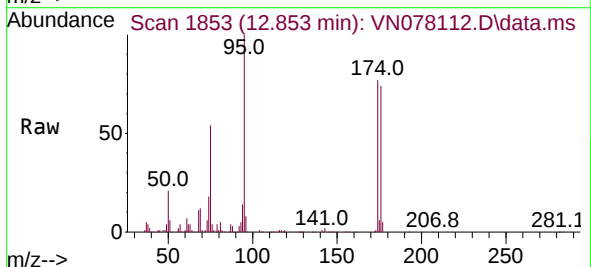
Manual Integrations
APPROVED

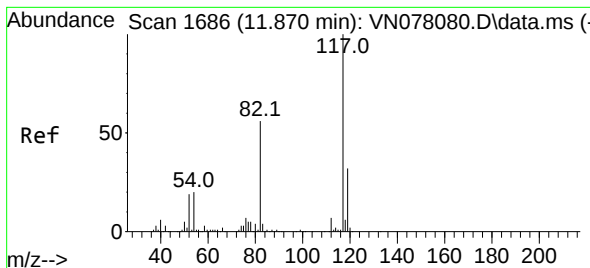
Reviewed By :John Carlone 06/08/2023
Supervised By :Mahesh Dadoda 06/08/2023



#62
4-Bromofluorobenzene
Concen: 47.725 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078112.D
Acq: 07 Jun 2023 18:39

Tgt Ion: 95 Resp: 249210
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 71.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078112.D

Acq: 07 Jun 2023 18:39

Instrument :

MSVOA_N

ClientSampleId :

COMP-2-6-10

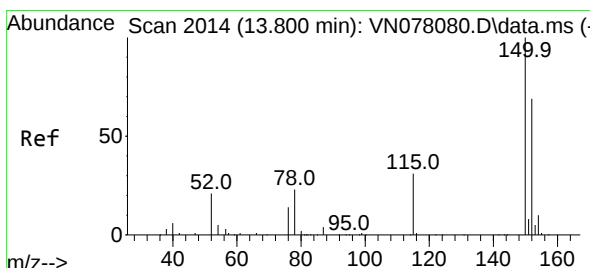
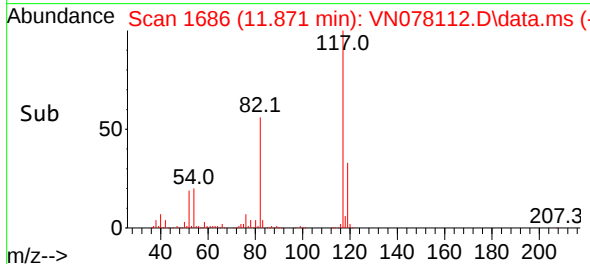
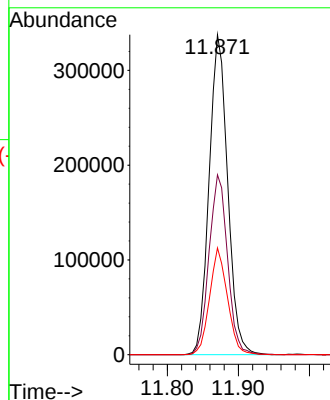
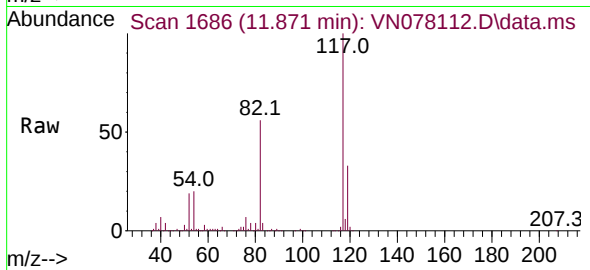
Tgt Ion:	117	Resp:	612184
Ion Ratio	Lower	Upper	
117	100		
82	56.2	44.0	66.0
119	33.3	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2023

Supervised By :Mahesh Dadoda 06/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078112.D

Acq: 07 Jun 2023 18:39

Tgt Ion:	152	Resp:	184935
Ion Ratio	Lower	Upper	
152	100		
115	64.0	32.3	96.8
150	160.4	0.0	355.8

