

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082503.D
 Acq On : 07 Jun 2024 19:28
 Operator : JC\MD
 Sample : P2763-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-SLUDGE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/10/2024
 Supervised By : Mahesh Dadoda 06/10/2024

Quant Time: Jun 08 01:02:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	156868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	298179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130643	52.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.480%			
35) Dibromofluoromethane	8.171	113	93340	51.206	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.420%			
50) Toluene-d8	10.571	98	364388	52.140	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.280%			
62) 4-Bromofluorobenzene	12.853	95	117942	47.283	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.560%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	101051	99.450	ug/l	91
20) Methylene Chloride	5.289	84	6792	3.313	ug/l #	81
25) 2-Butanone	7.488	43	26526	17.218	ug/l #	83
43) Isopropyl Acetate	8.688	43	97384	16.064	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	19344m	5.616	ug/l	
95) Naphthalene	15.641	128	20798	2.989	ug/l	98

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

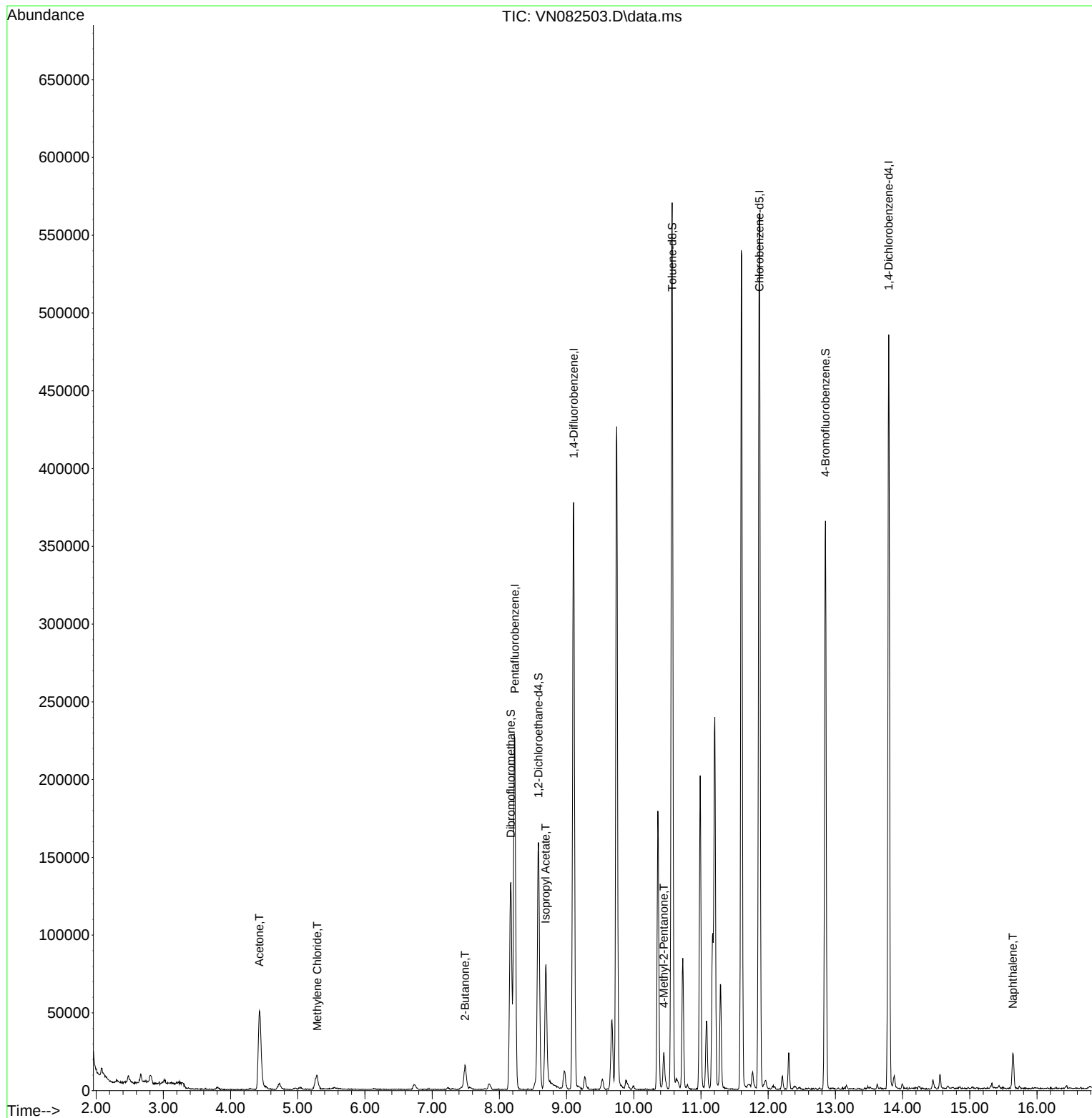
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
Data File : VN082503.D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
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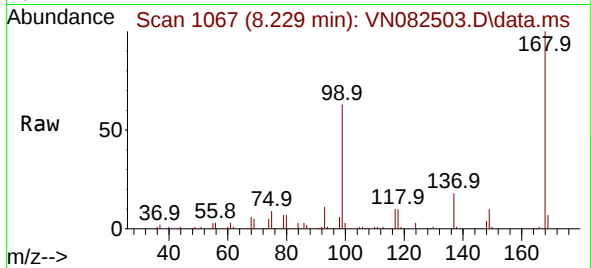
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082503.D
Acq: 07 Jun 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

MH-SLUDGE



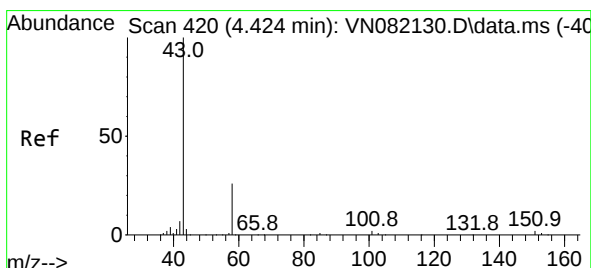
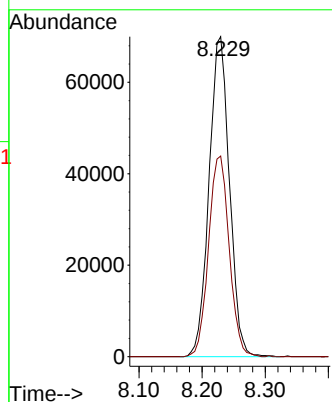
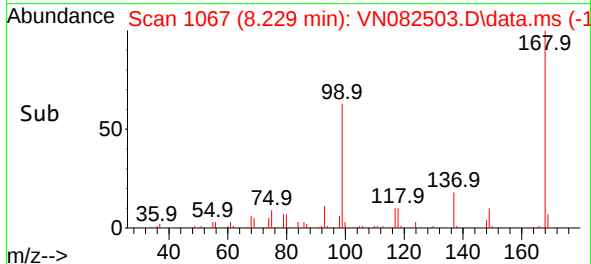
Tgt Ion:168 Resp: 15686
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4

Manual Integrations

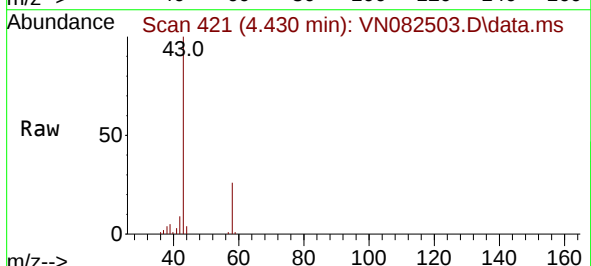
APPROVED

Reviewed By :John Carlone 06/10/2024

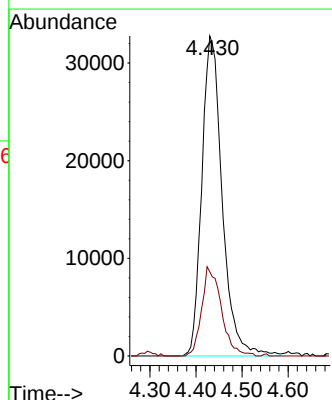
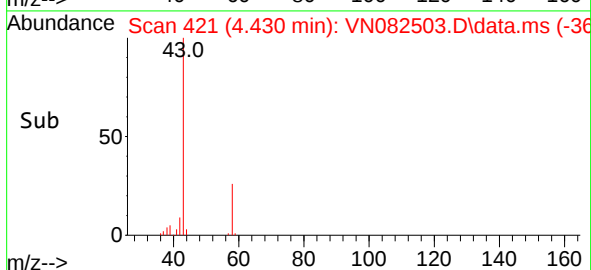
Supervised By :Mahesh Dadoda 06/10/2024

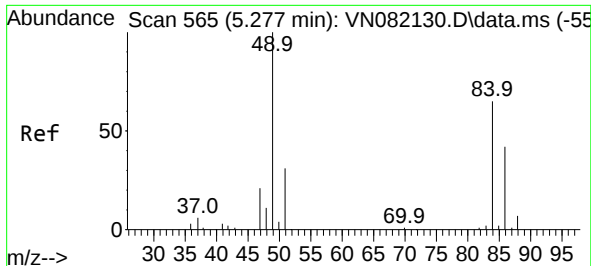


#16
Acetone
Concen: 99.450 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN082503.D
Acq: 07 Jun 2024 19:28



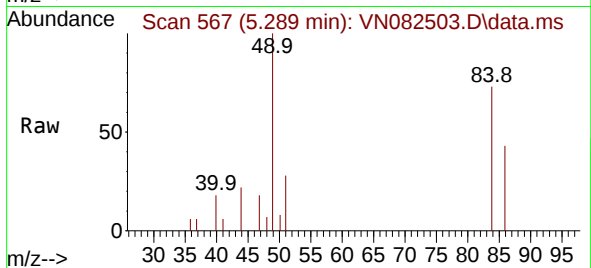
Tgt Ion: 43 Resp: 101051
Ion Ratio Lower Upper
43 100
58 26.3 25.2 37.8





#20
Methylene Chloride
Concen: 3.313 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.012 min
Lab File: VN082503.D
Acq: 07 Jun 2024 19:28

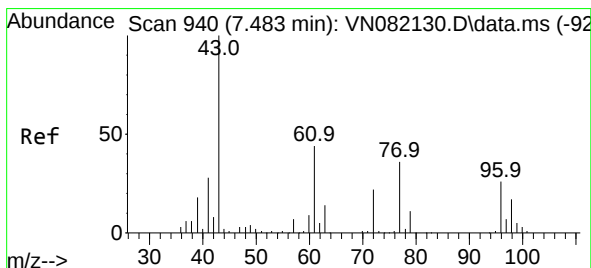
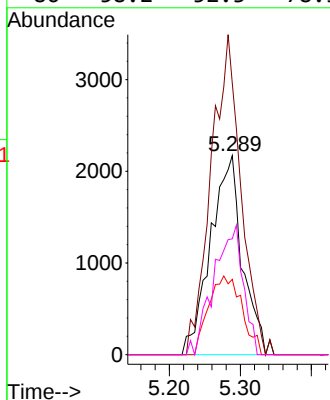
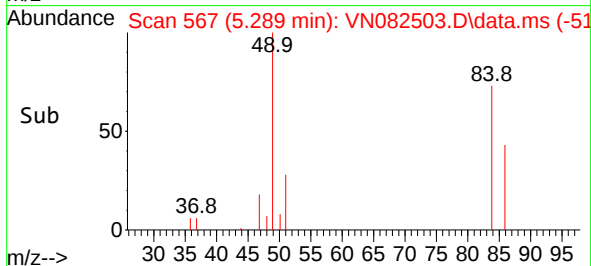
Instrument :
MSVOA_N
ClientSampleId :
MH-SLUDGE



Tgt Ion: 84 Resp: 6792
Ion Ratio Lower Upper
84 100
49 136.5 84.9 127.3
51 37.8 27.0 40.6
86 58.2 52.3 78.5

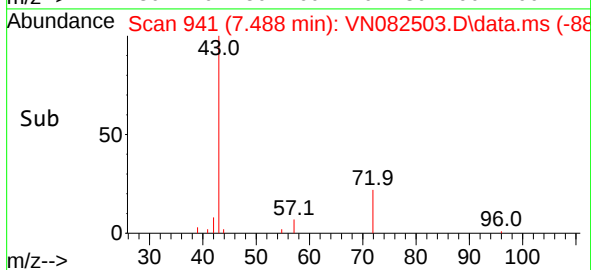
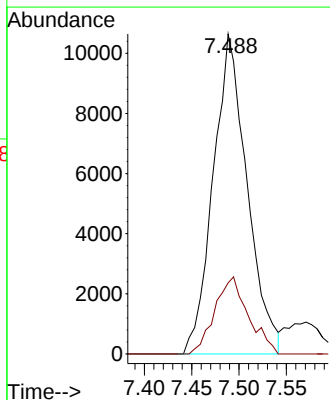
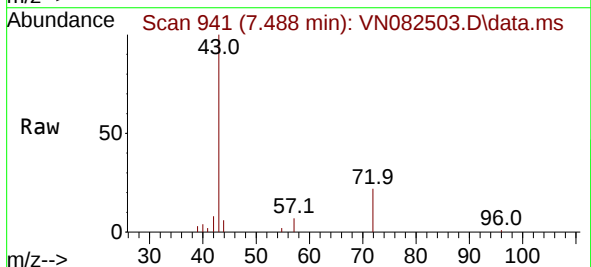
Manual Integrations
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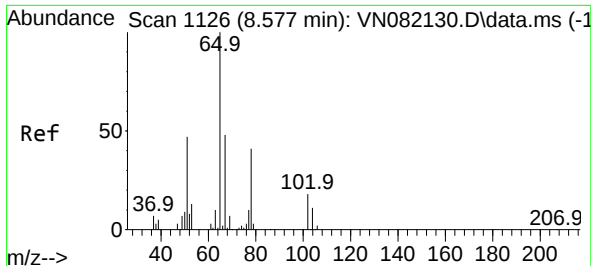
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#25
2-Butanone
Concen: 17.218 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082503.D
Acq: 07 Jun 2024 19:28

Tgt Ion: 43 Resp: 26526
Ion Ratio Lower Upper
43 100
72 22.2 25.3 37.9





#33

1,2-Dichloroethane-d4

Concen: 52.743 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082503.D

Acq: 07 Jun 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

MH-SLUDGE

Tgt Ion: 65 Resp: 13064

Ion Ratio Lower Upper

65 100

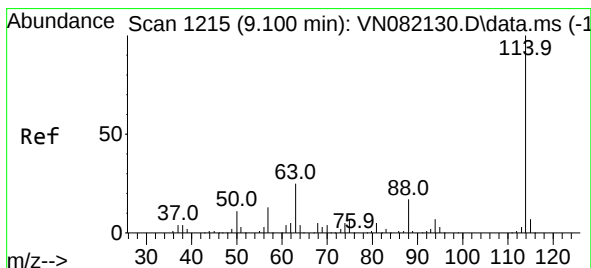
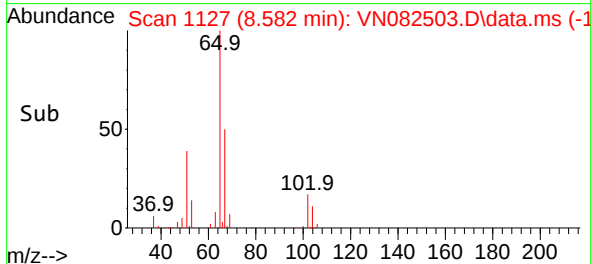
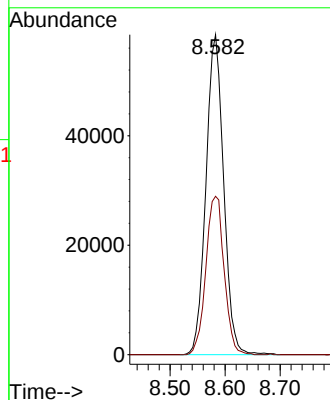
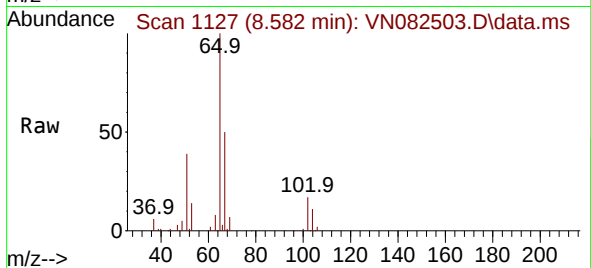
67 51.2 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082503.D

Acq: 07 Jun 2024 19:28

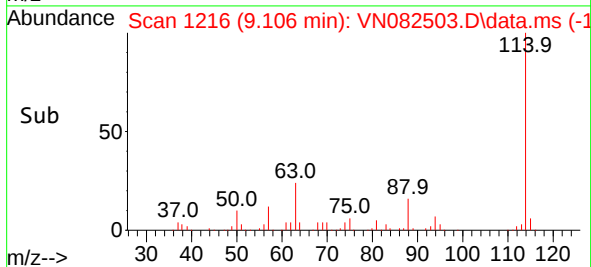
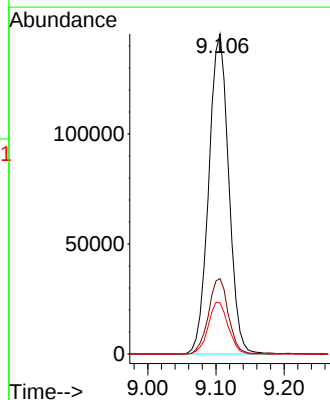
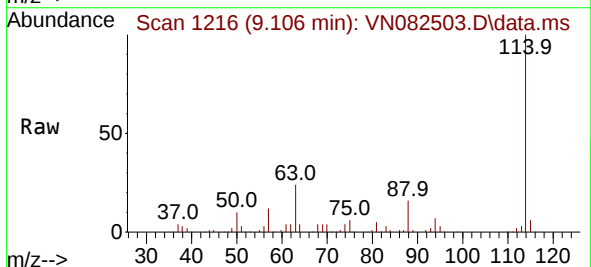
Tgt Ion:114 Resp: 296321

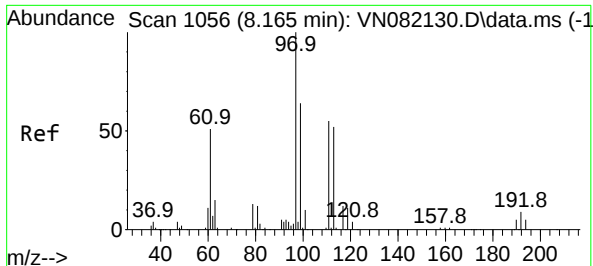
Ion Ratio Lower Upper

114 100

63 23.5 0.0 41.0

88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.206 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN082503.D

Acq: 07 Jun 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

MH-SLUDGE

Tgt Ion: 113 Resp: 93340

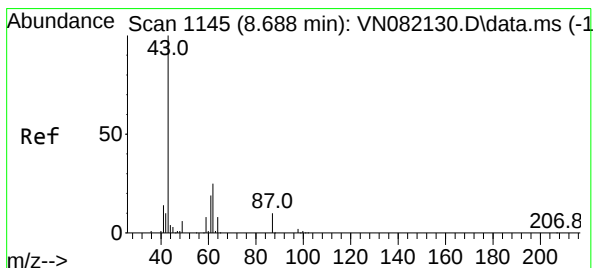
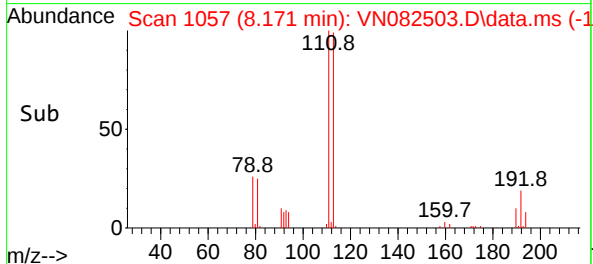
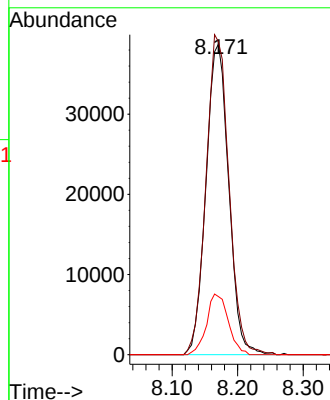
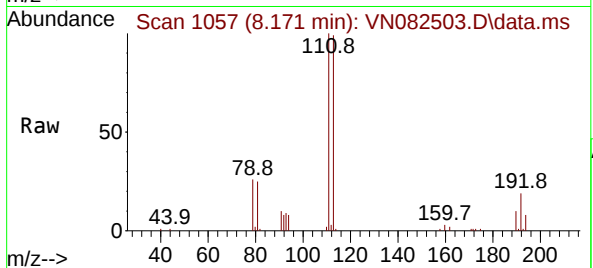
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.4	125.2
192	18.6	14.0	21.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/10/2024



#43

Isopropyl Acetate

Concen: 16.064 ug/l

RT: 8.688 min Scan# 1145

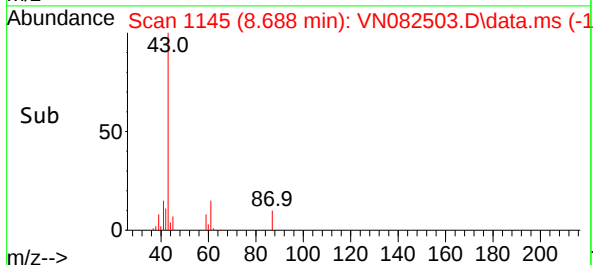
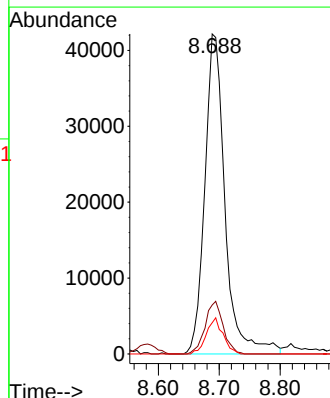
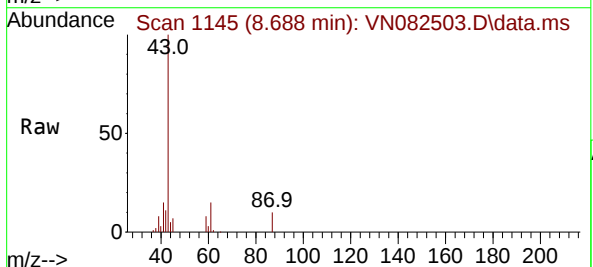
Delta R.T. -0.000 min

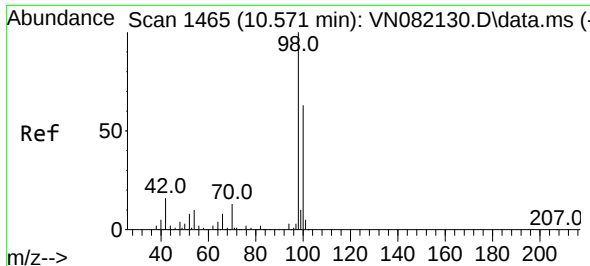
Lab File: VN082503.D

Acq: 07 Jun 2024 19:28

Tgt Ion: 43 Resp: 97384

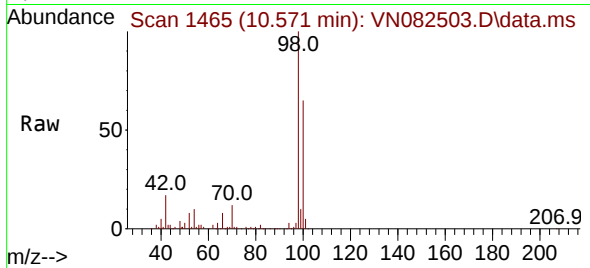
Ion	Ratio	Lower	Upper
43	100		
61	14.7	22.8	34.2#
87	9.2	12.0	18.0#





#50
Toluene-d8
Concen: 52.140 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082503.D
Acq: 07 Jun 2024 19:28

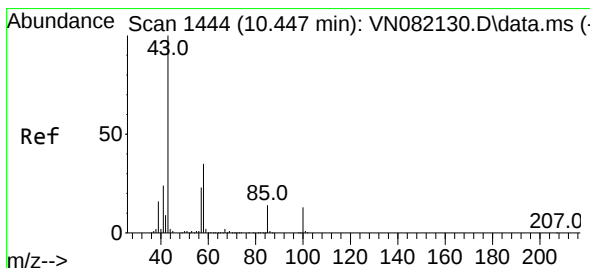
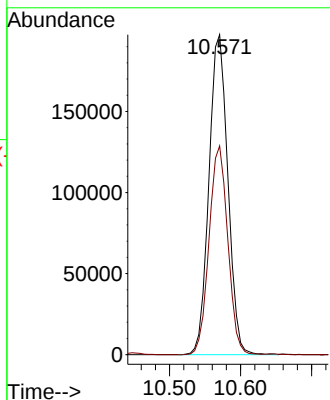
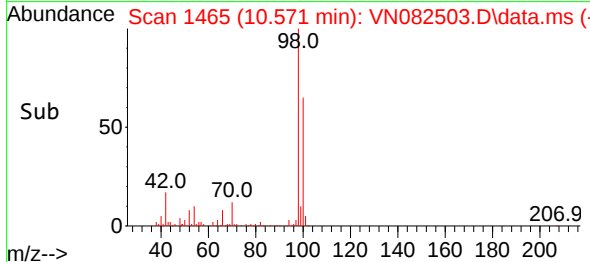
Instrument :
MSVOA_N
ClientSampleId :
MH-SLUDGE



Tgt Ion: 98 Resp: 364388
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

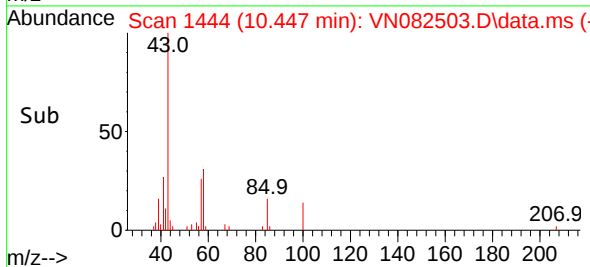
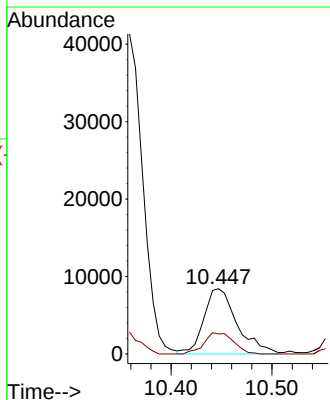
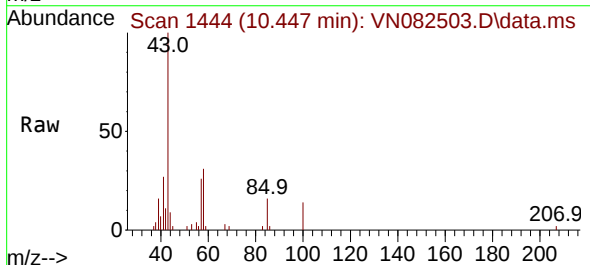
Manual Integrations
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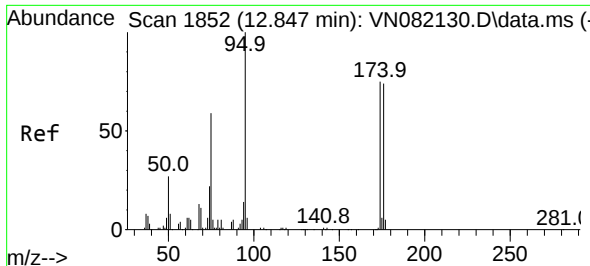
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#51
4-Methyl-2-Pentanone
Concen: 5.616 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082503.D
Acq: 07 Jun 2024 19:28

Tgt Ion: 43 Resp: 19344
Ion Ratio Lower Upper
43 100
58 18.4 33.2 49.8#





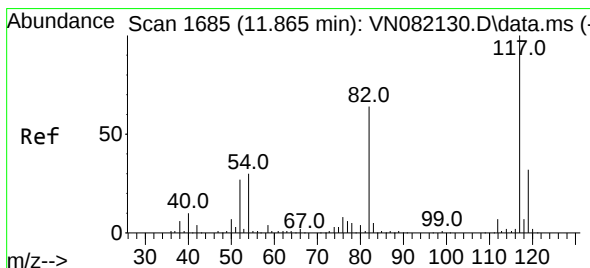
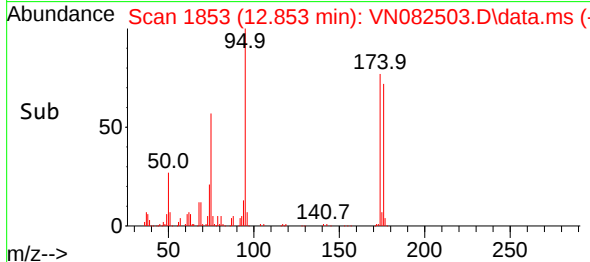
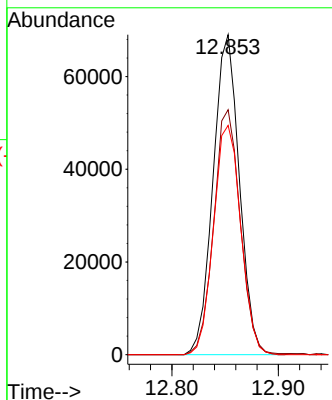
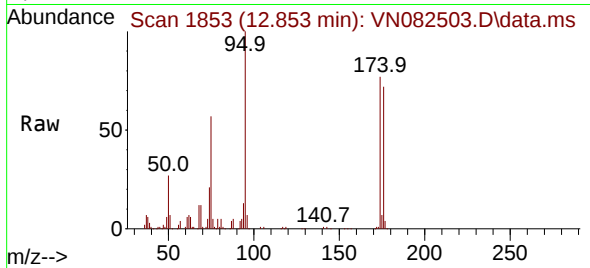
#62
4-Bromofluorobenzene
Concen: 47.283 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082503.D
Acq: 07 Jun 2024 19:28

Instrument :
MSVOA_N
ClientSampleId :
MH-SLUDGE

Tgt Ion: 95 Resp: 11794
Ion Ratio Lower Upper
95 100
174 77.7 0.0 160.6
176 74.5 0.0 152.8

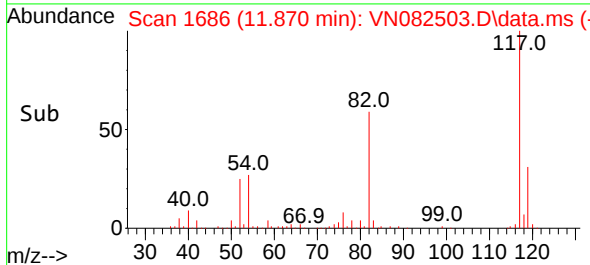
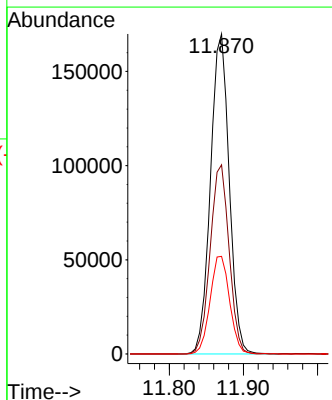
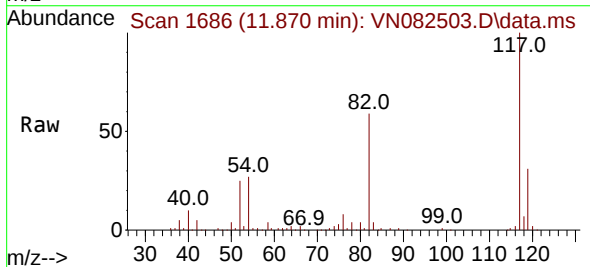
Manual Integrations
APPROVED

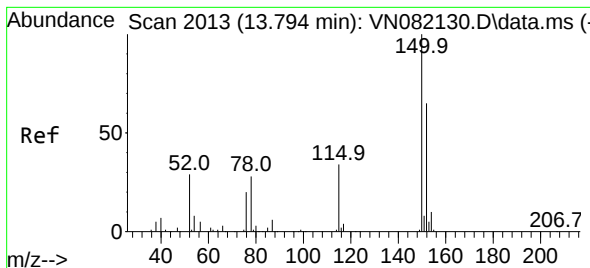
Reviewed By :John Carlone 06/10/2024
Supervised By :Mahesh Dadoda 06/10/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082503.D
Acq: 07 Jun 2024 19:28

Tgt Ion:117 Resp: 298179
Ion Ratio Lower Upper
117 100
82 59.1 44.6 66.8
119 30.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082503.D

Acq: 07 Jun 2024 19:28

Instrument :

MSVOA_N

ClientSampleId :

MH-SLUDGE

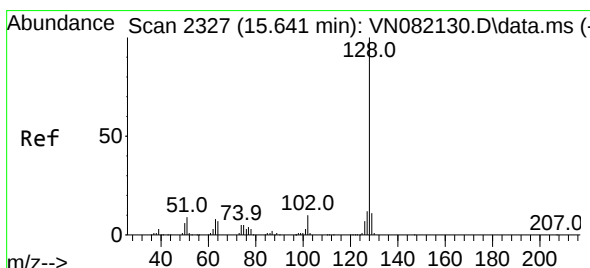
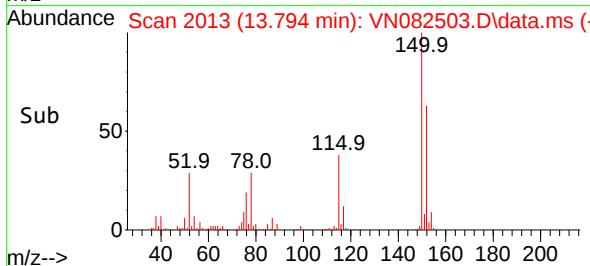
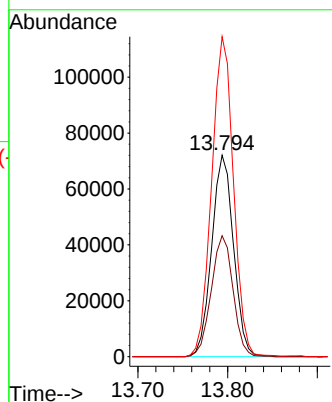
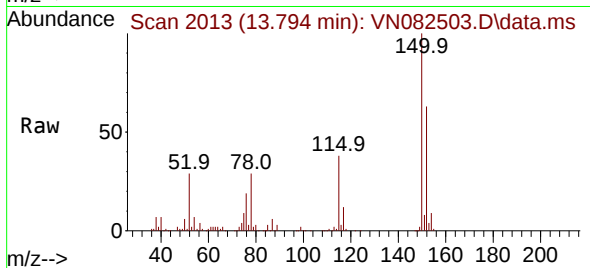
Tgt Ion:	152	Resp:	12198
Ion Ratio	Lower	Upper	
152	100		
115	59.8	30.4	91.3
150	158.2	0.0	353.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/10/2024

Supervised By :Mahesh Dadoda 06/10/2024



#95

Naphthalene

Concen: 2.989 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN082503.D

Acq: 07 Jun 2024 19:28

Tgt Ion:	128	Resp:	20798
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.1	15.1
129	10.9	8.9	13.3

