

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082323.D
 Acq On : 23 May 2024 15:54
 Operator : JC\MD
 Sample : P2558-01 10X
 Misc : 1.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

Quant Time: May 24 04:20:15 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	8.224	168	203050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	335691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	157645	49.169	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.340%		
35) Dibromofluoromethane	8.171	113	111559	51.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.780%		
50) Toluene-d8	10.570	98	445260	54.021	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.040%		
62) 4-Bromofluorobenzene	12.853	95	170663	58.011	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	116.020%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.265	84	3242m	1.222	ug/l	
39) Methylcyclohexane	9.594	83	4182	1.058	ug/l #	70
52) Toluene	10.635	92	259086	40.153	ug/l	99
68) m/p-Xylenes	12.070	106	8374	1.722	ug/l	90
84) 1,2,4-Trimethylbenzene	13.482	105	14706	1.432	ug/l	89

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

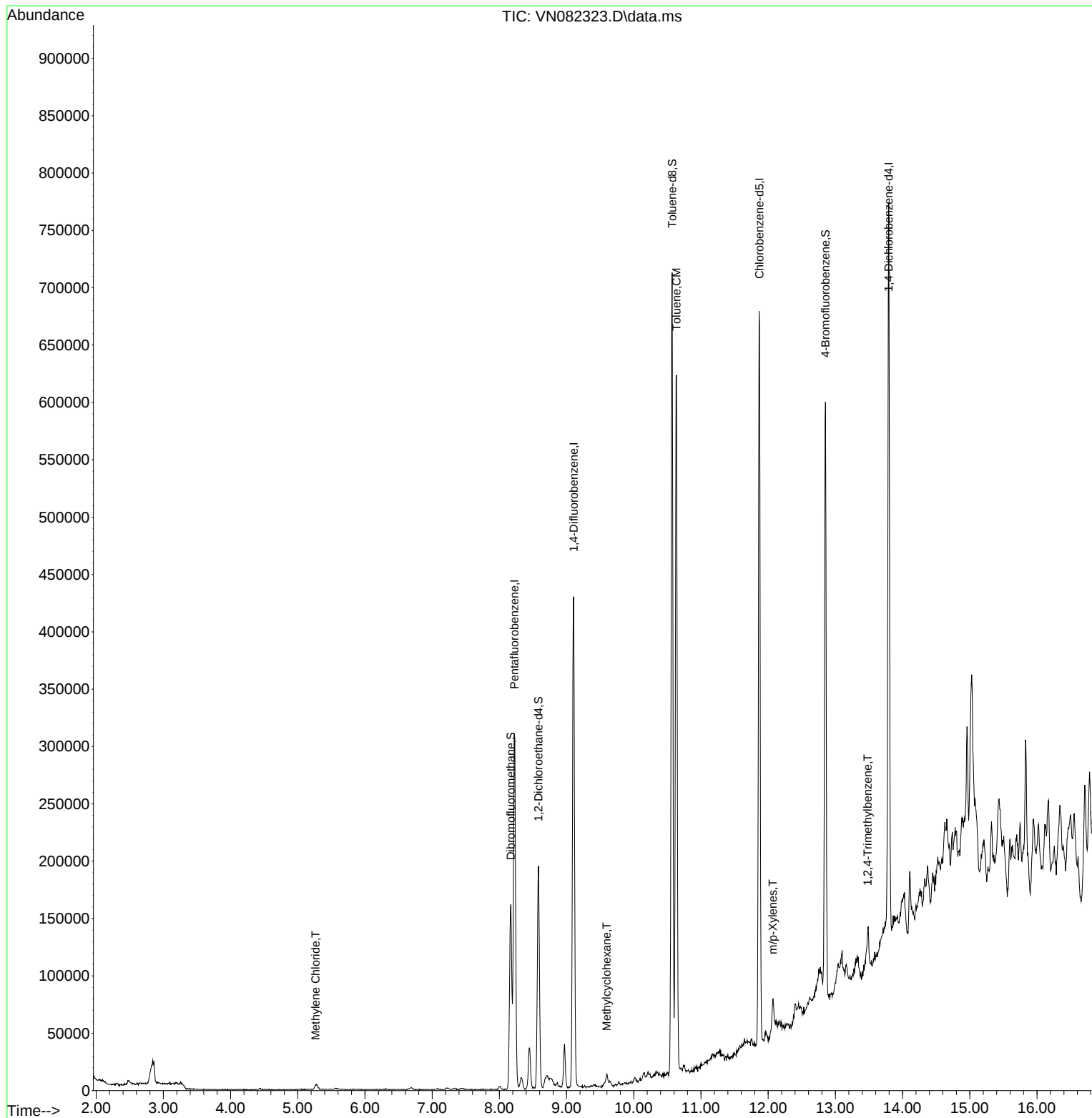
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
Data File : VN082323.D
Acq On : 23 May 2024 15:54
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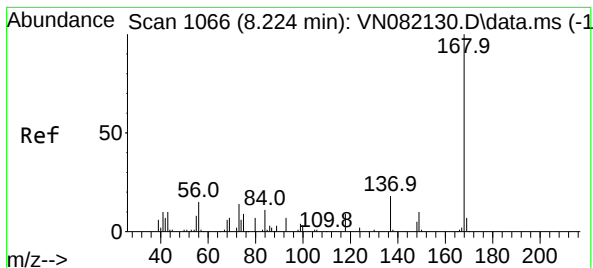
Instrument :
MSVOA_N
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COMP-1

Quant Time: May 24 04:20:15 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN082323.D

Acq: 23 May 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

Tgt Ion:168 Resp: 203050

Ion Ratio Lower Upper

168 100

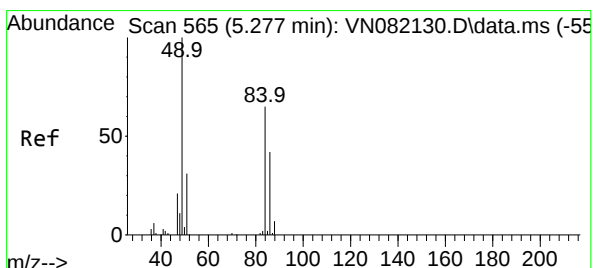
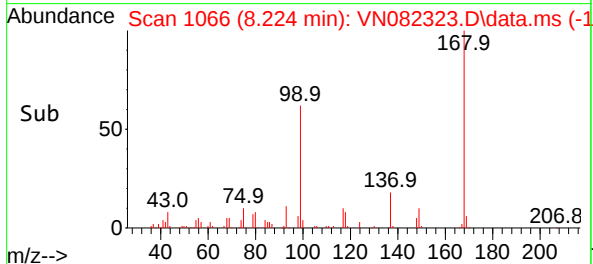
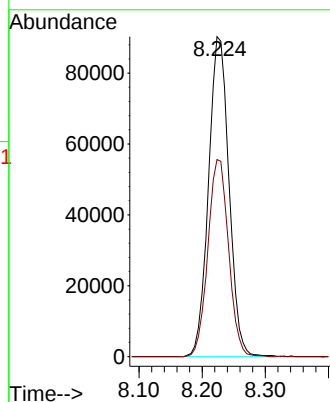
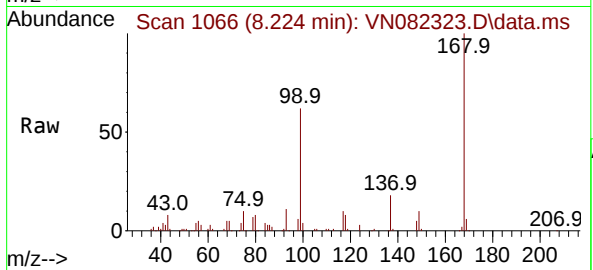
99 61.6 48.2 72.4

Manual Integrations

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#20

Methylene Chloride

Concen: 1.222 ug/l m

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN082323.D

Acq: 23 May 2024 15:54

Tgt Ion: 84 Resp: 3242

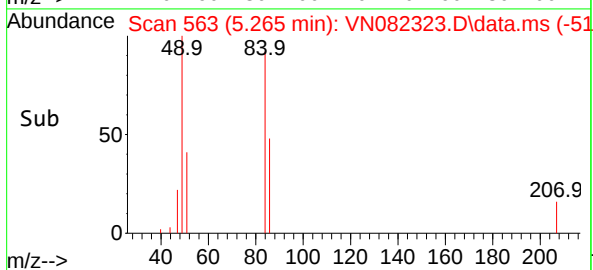
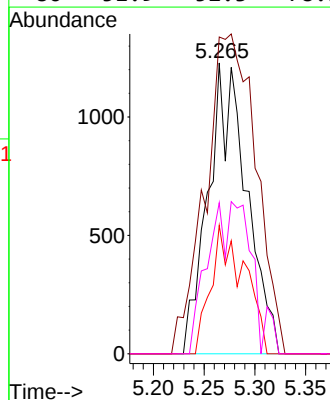
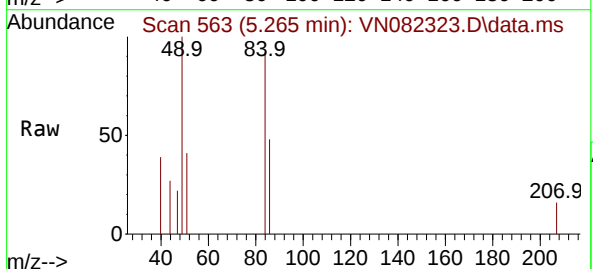
Ion Ratio Lower Upper

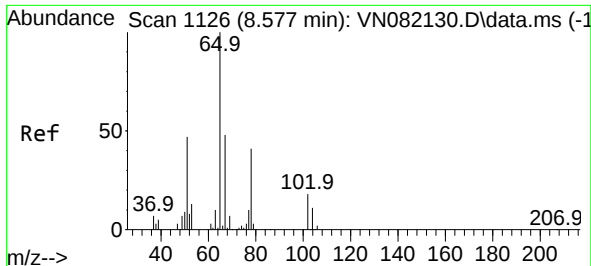
84 100

49 108.9 84.9 127.3

51 44.1 27.0 40.6#

86 51.9 52.3 78.5#





#33

1,2-Dichloroethane-d4

Concen: 49.169 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082323.D

Acq: 23 May 2024 15:54

Instrument :

MSVOA_N

ClientSampleId :

COMP-1

Tgt Ion: 65 Resp: 15764

Ion Ratio Lower Upper

65 100

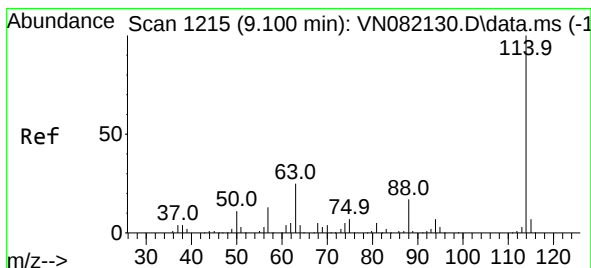
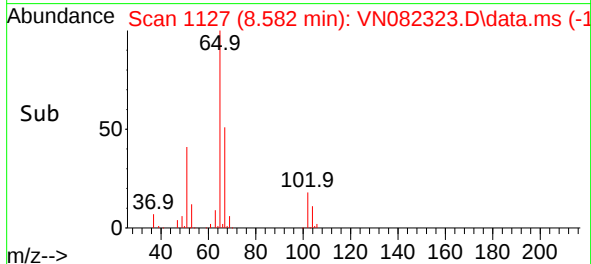
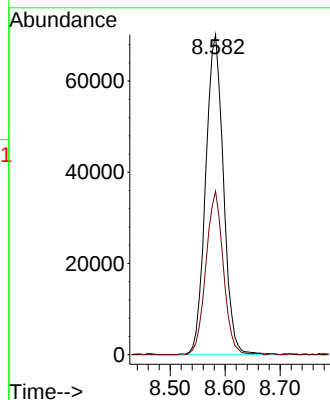
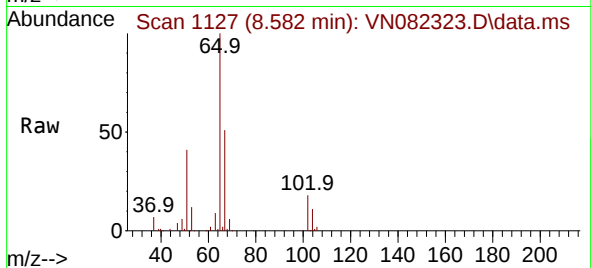
67 50.1 0.0 103.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082323.D

Acq: 23 May 2024 15:54

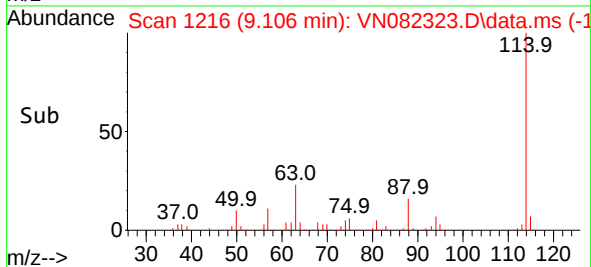
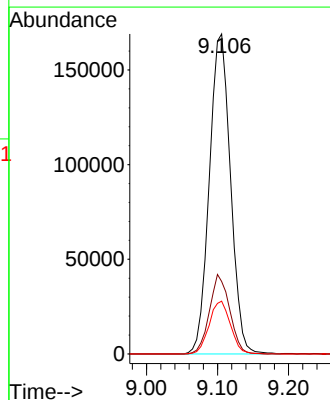
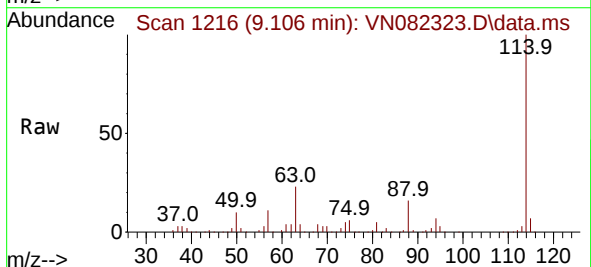
Tgt Ion:114 Resp: 349482

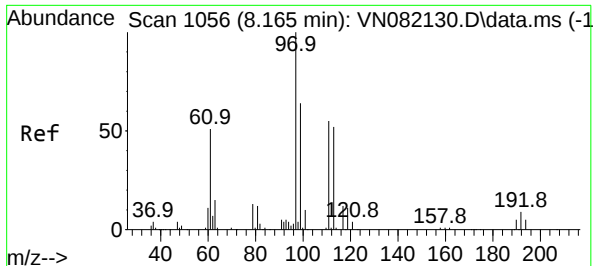
Ion Ratio Lower Upper

114 100

63 22.7 0.0 41.0

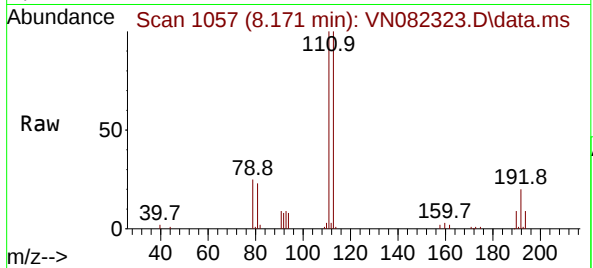
88 16.5 0.0 31.4





#35
Dibromofluoromethane
Concen: 51.891 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN082323.D
Acq: 23 May 2024 15:54

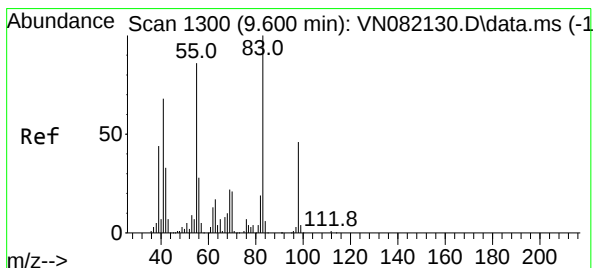
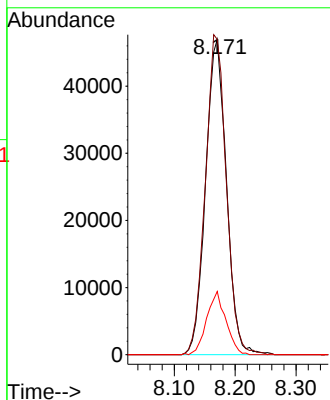
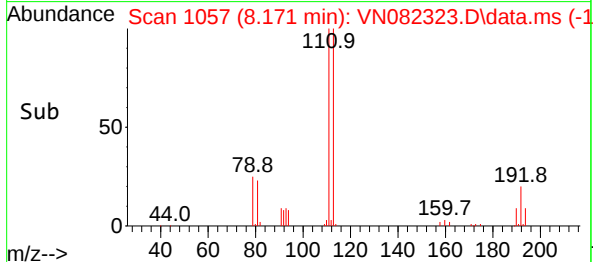
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion: 113 Resp: 11155
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 18.5 14.0 21.0

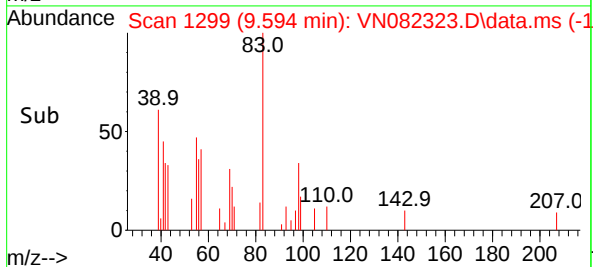
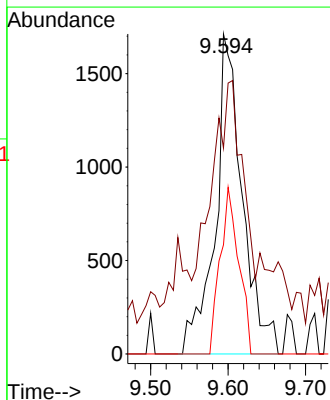
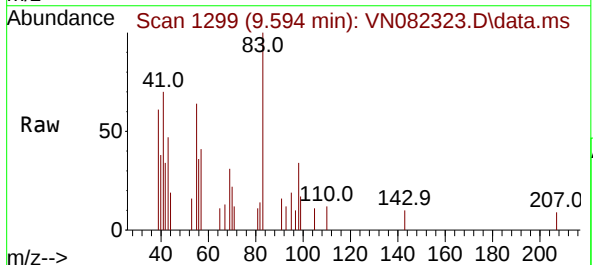
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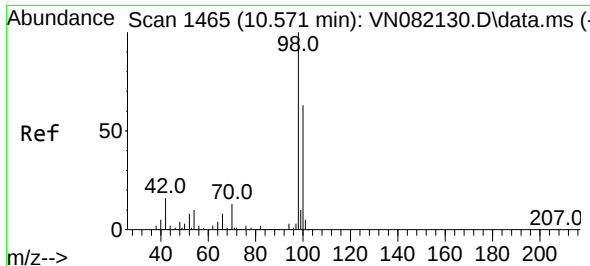
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#39
Methylcyclohexane
Concen: 1.058 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN082323.D
Acq: 23 May 2024 15:54

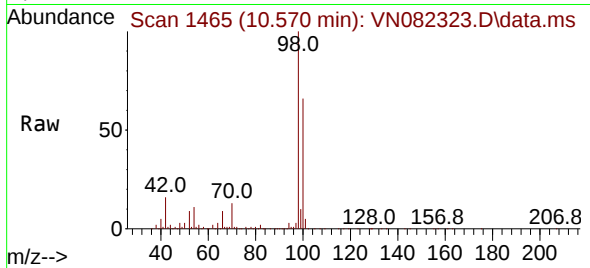
Tgt Ion: 83 Resp: 4182
Ion Ratio Lower Upper
83 100
55 35.6 53.0 79.6#
98 34.1 37.1 55.7#





#50
Toluene-d8
Concen: 54.021 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082323.D
Acq: 23 May 2024 15:54

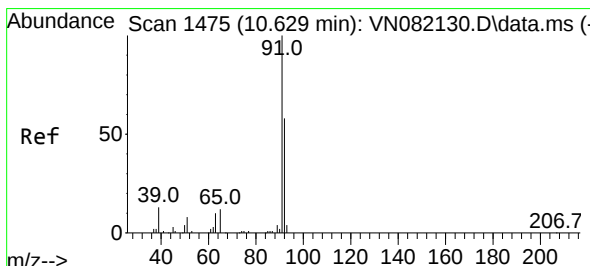
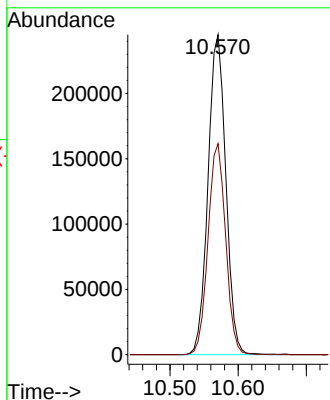
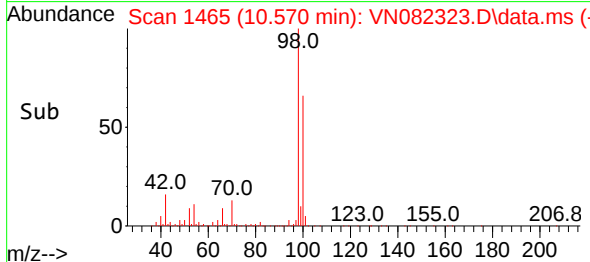
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



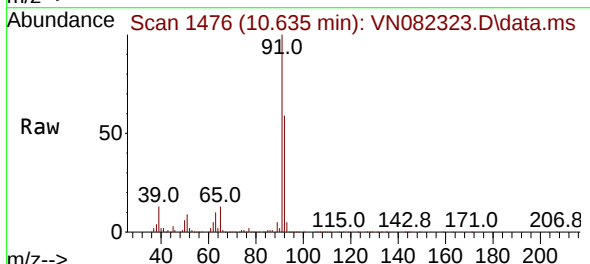
Tgt Ion: 98 Resp: 445260
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6

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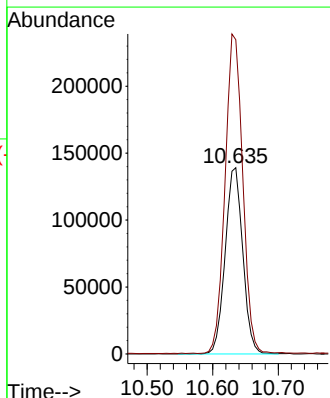
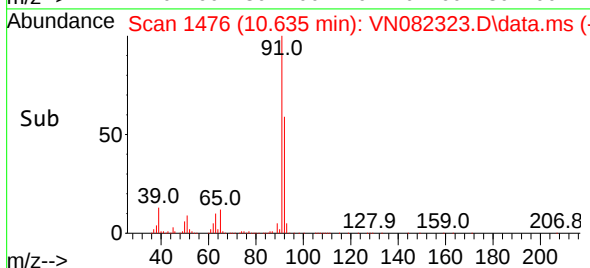
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

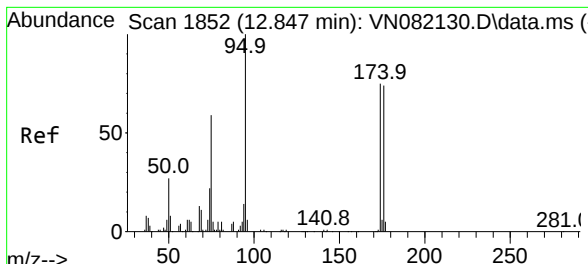


#52
Toluene
Concen: 40.153 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN082323.D
Acq: 23 May 2024 15:54



Tgt Ion: 92 Resp: 259086
Ion Ratio Lower Upper
92 100
91 171.8 136.7 205.1





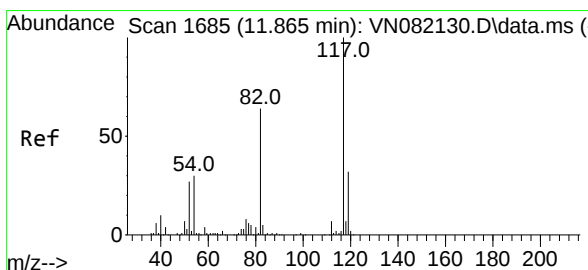
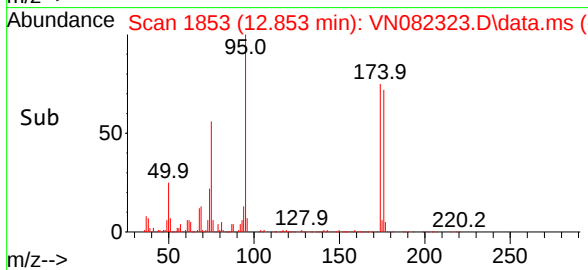
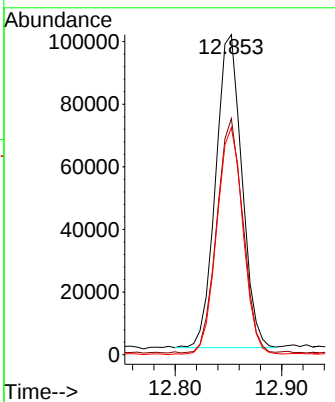
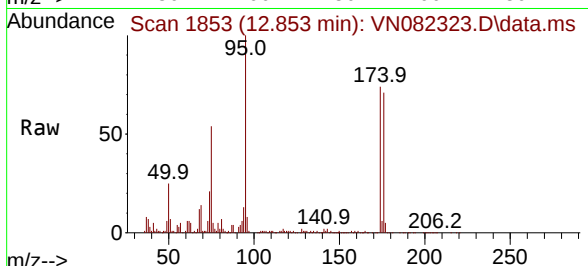
#62
 4-Bromofluorobenzene
 Concen: 58.011 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN082323.D
 Acq: 23 May 2024 15:54

Instrument : MSVOA_N
 ClientSampleId :
 COMP-1

Tgt Ion:	95	Resp:	17066
Ion Ratio	Lower	Upper	
95	100		
174	74.5	0.0	160.6
176	73.1	0.0	152.8

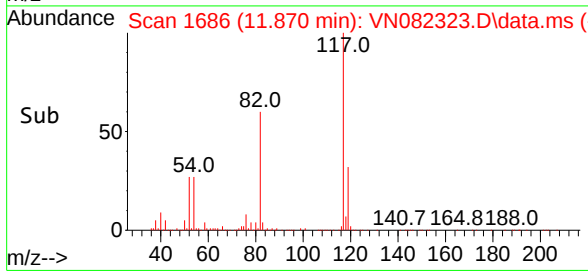
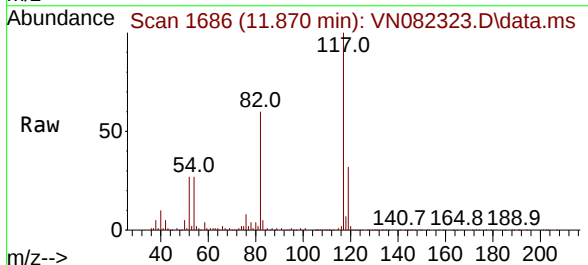
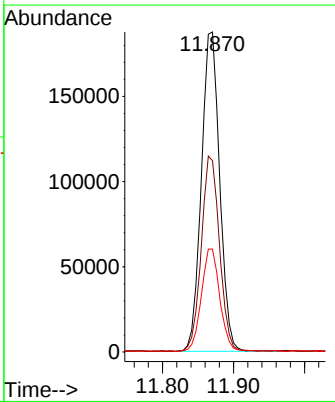
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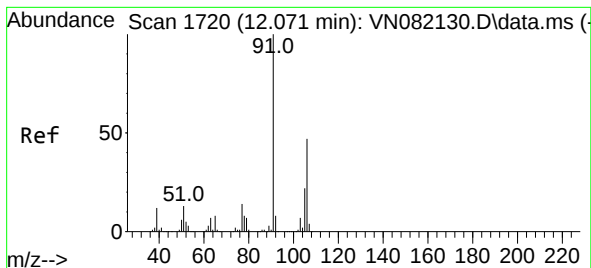
Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN082323.D
 Acq: 23 May 2024 15:54

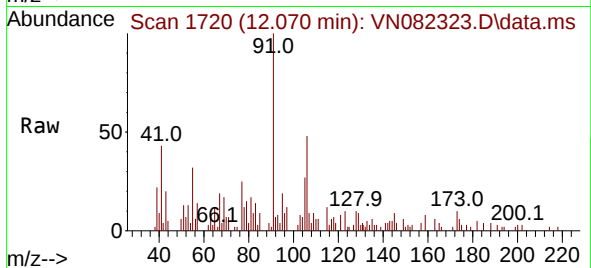
Tgt Ion:	117	Resp:	335691
Ion Ratio	Lower	Upper	
117	100		
82	59.7	44.6	66.8
119	32.1	25.9	38.9





#68
m/p-Xylenes
Concen: 1.722 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082323.D
Acq: 23 May 2024 15:54

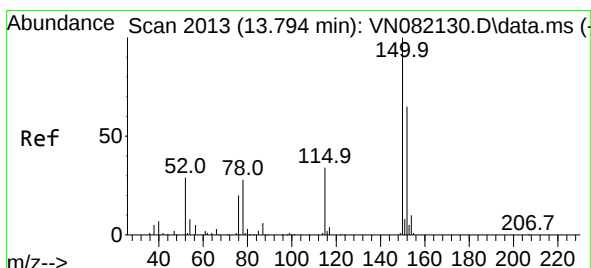
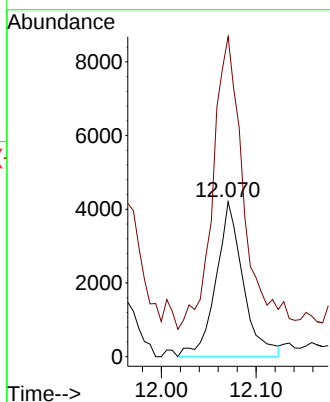
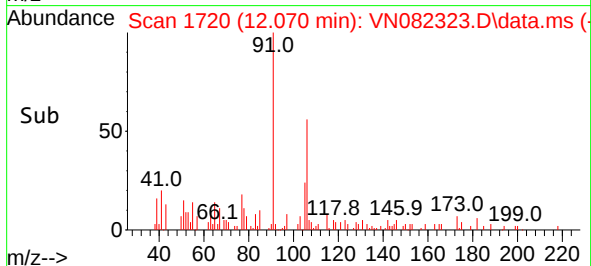
Instrument :
MSVOA_N
ClientSampleId :
COMP-1



Tgt Ion:106 Resp: 8374
Ion Ratio Lower Upper
106 100
91 213.9 159.4 239.0

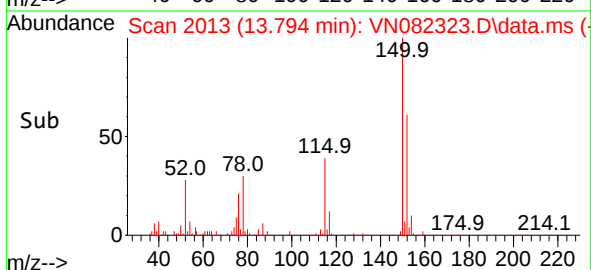
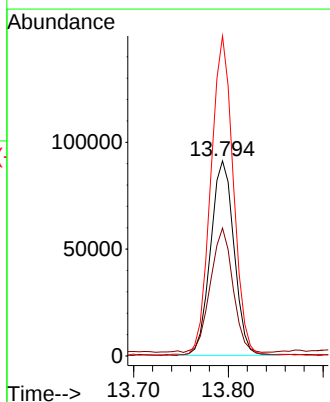
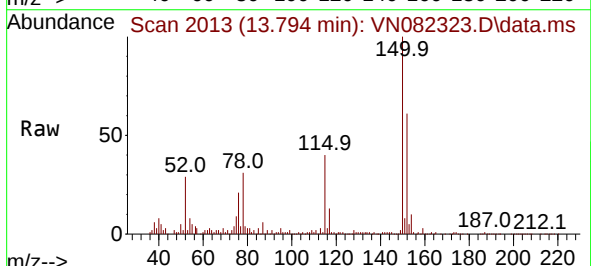
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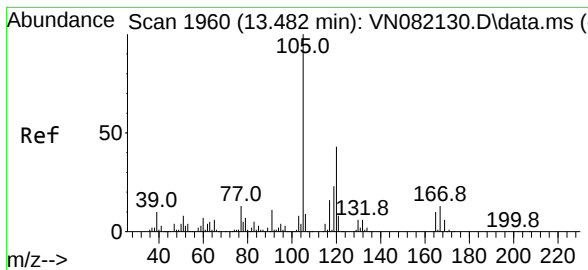
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082323.D
Acq: 23 May 2024 15:54

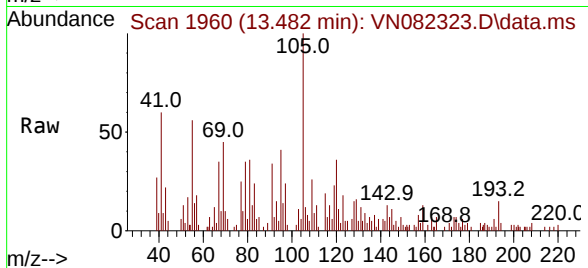
Tgt Ion:152 Resp: 156229
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 158.6 0.0 353.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.432 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN082323.D
 Acq: 23 May 2024 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1



Tgt Ion:105 Resp: 14700
 Ion Ratio Lower Upper
 105 100
 120 53.1 22.9 68.7

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