

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082383.D
 Acq On : 29 May 2024 20:18
 Operator : JC\MD
 Sample : P2609-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 513

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

Quant Time: May 30 05:49:26 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	8.230	168	200385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	145705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	160606	50.758	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.520%			
35) Dibromofluoromethane	8.171	113	114202	53.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	10.571	98	431453	52.455	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.920%			
62) 4-Bromofluorobenzene	12.853	95	152181	51.837	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.680%			
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	23299	17.950	ug/l #	84
25) 2-Butanone	7.488	43	9072m	4.610	ug/l	
84) 1,2,4-Trimethylbenzene	13.482	105	9774	1.021	ug/l	94
95) Naphthalene	15.647	128	14840	1.786	ug/l #	94

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

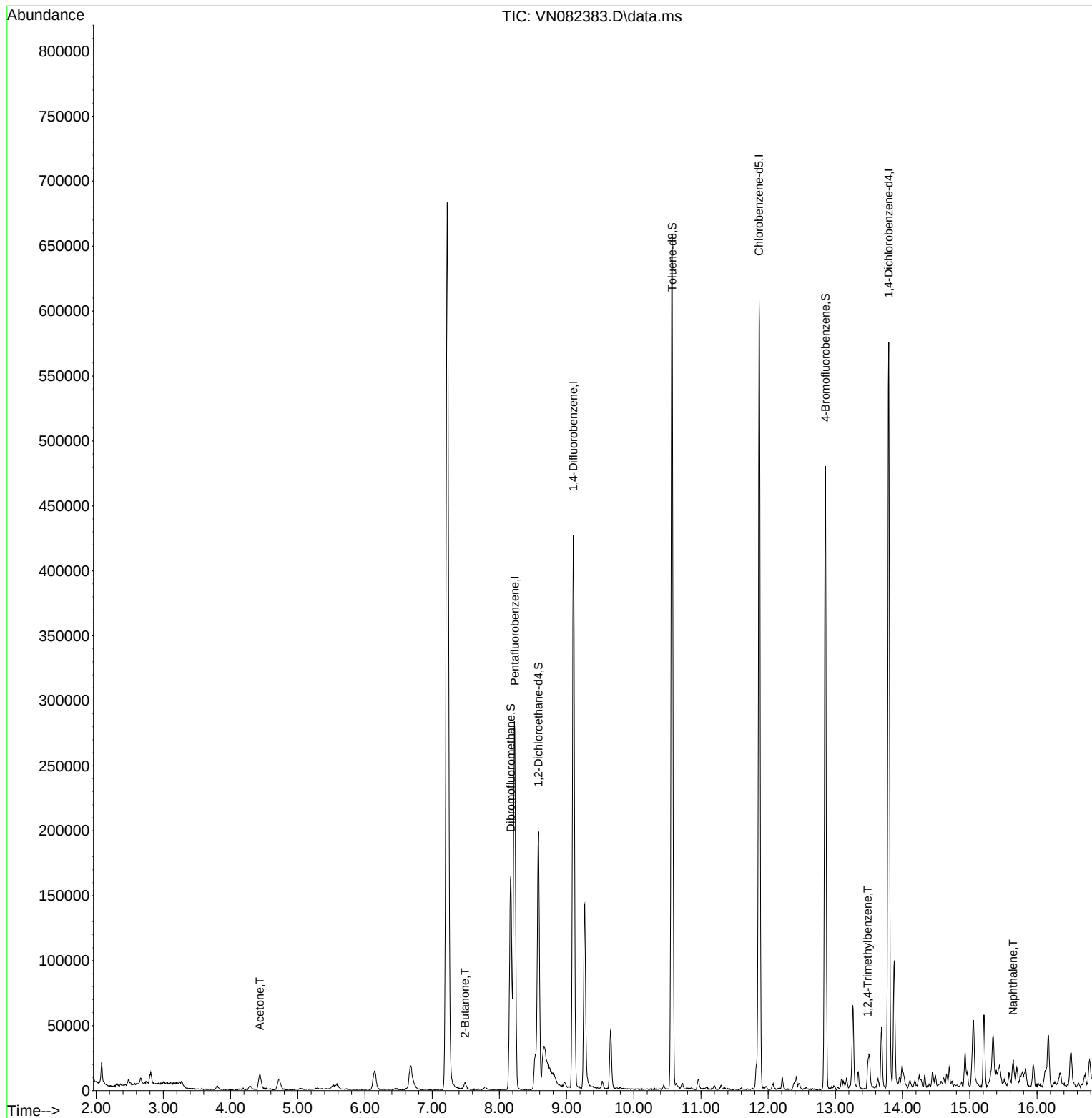
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
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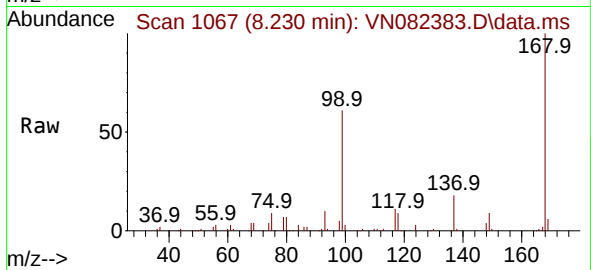
Quant Time: May 30 05:49:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082383.D
Acq: 29 May 2024 20:18

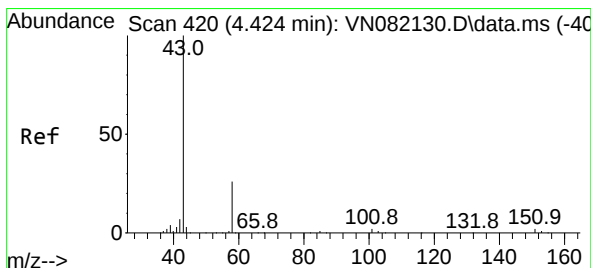
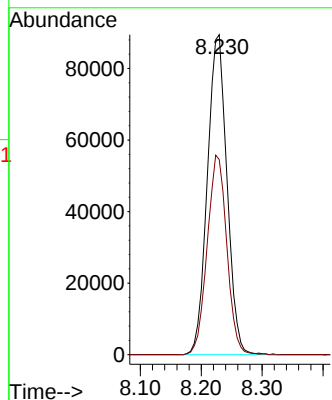
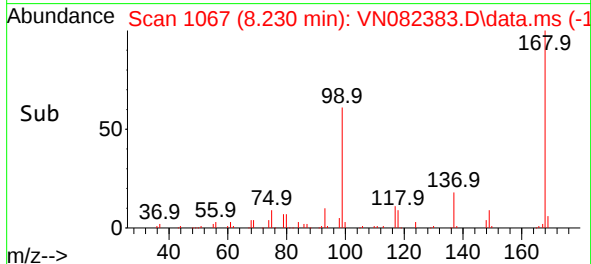
Instrument :
MSVOA_N
ClientSampleId :
513



Tgt Ion:168 Resp: 200385
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4

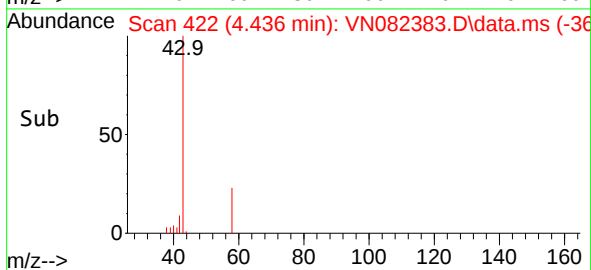
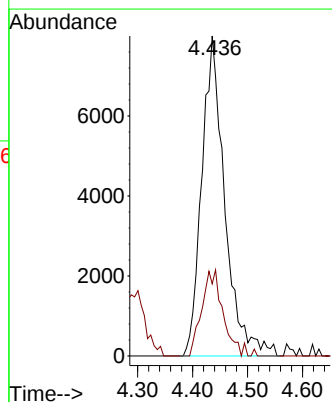
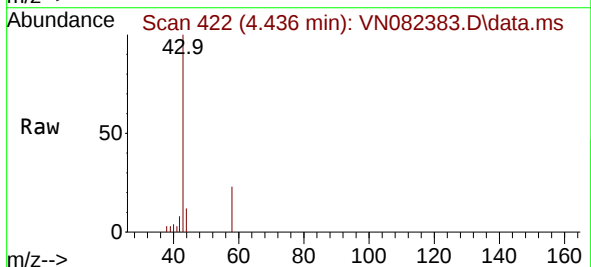
Manual Integrations
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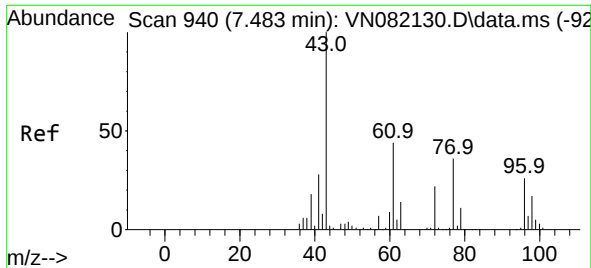
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#16
Acetone
Concen: 17.950 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082383.D
Acq: 29 May 2024 20:18

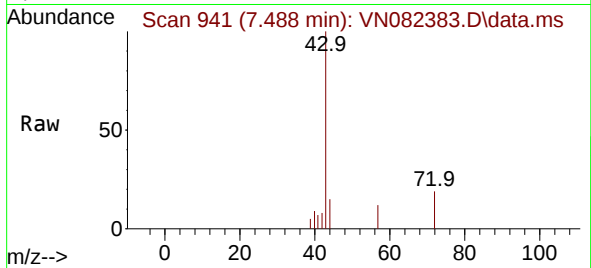
Tgt Ion: 43 Resp: 23299
Ion Ratio Lower Upper
43 100
58 22.6 25.2 37.8#





#25
2-Butanone
Concen: 4.610 ug/l m
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN082383.D
Acq: 29 May 2024 20:18

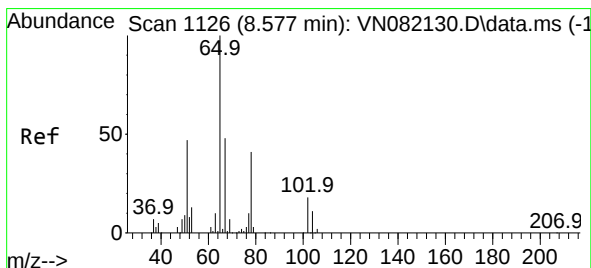
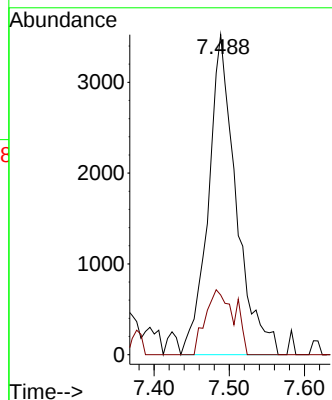
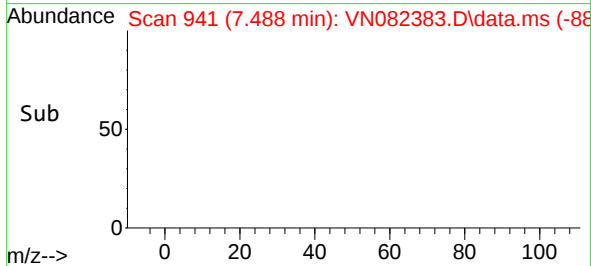
Instrument :
MSVOA_N
ClientSampleId :
513



Tgt Ion: 43 Resp: 9072
Ion Ratio Lower Upper
43 100
72 18.6 25.3 37.9

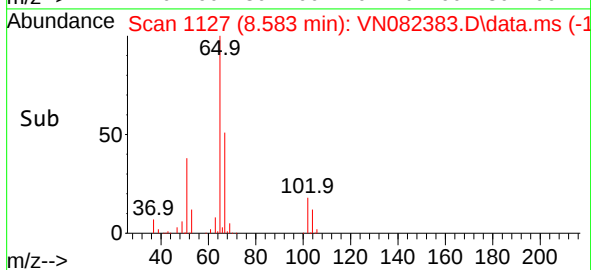
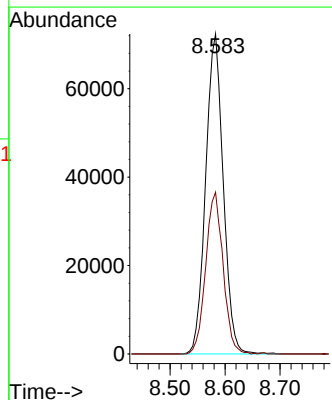
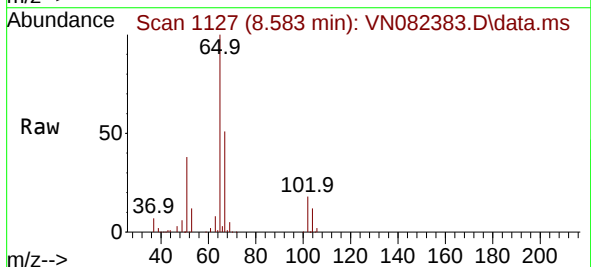
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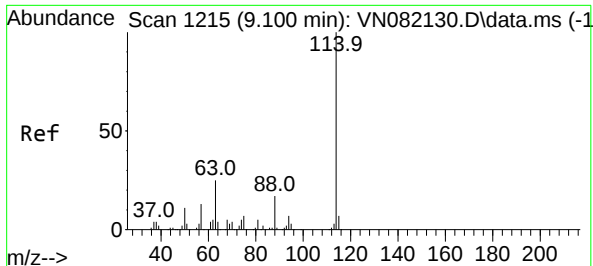
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#33
1,2-Dichloroethane-d4
Concen: 50.758 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082383.D
Acq: 29 May 2024 20:18

Tgt Ion: 65 Resp: 160606
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 111

Delta R.T. 0.000 min

Lab File: VN082383.D

Acq: 29 May 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

513

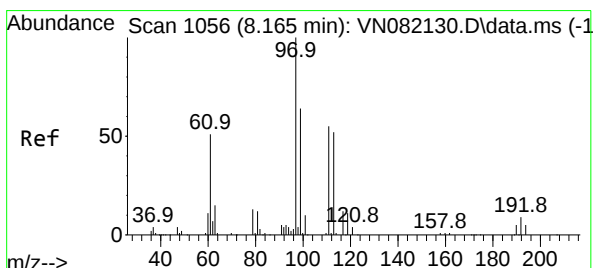
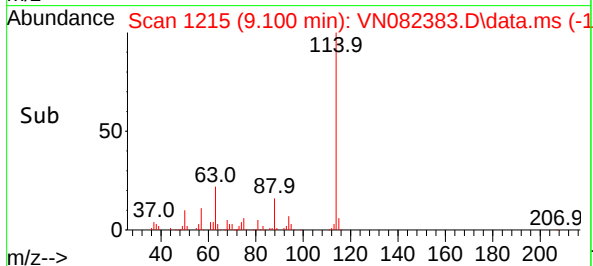
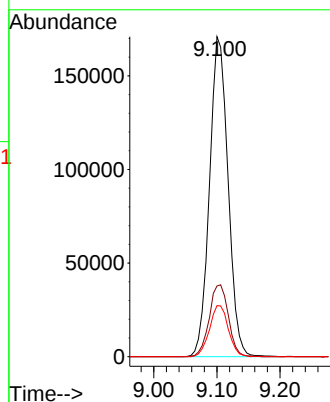
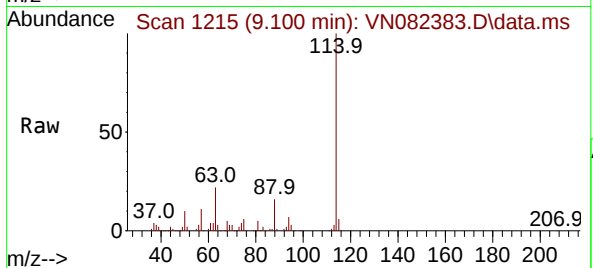
Tgt Ion:	114	Resp:	348754
Ion Ratio	Lower	Upper	
114	100		
63	22.1	0.0	41.0
88	15.9	0.0	31.4

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Supervised By :Semsettin Yesilyurt 05/30/2024



#35

Dibromofluoromethane

Concen: 53.232 ug/l

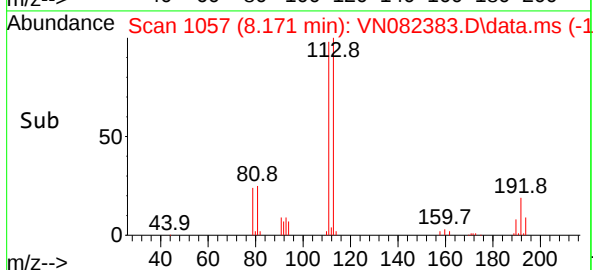
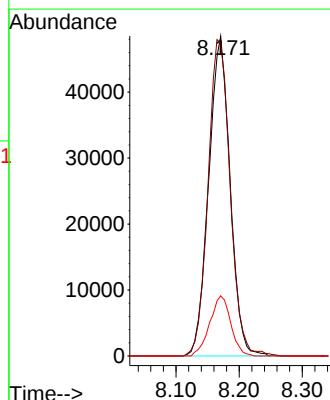
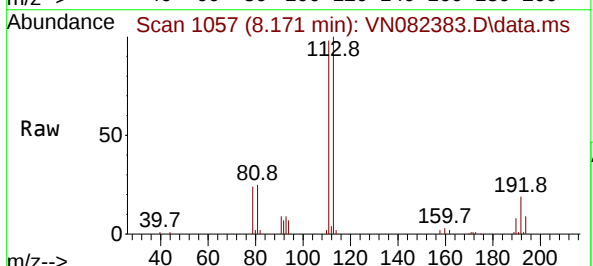
RT: 8.171 min Scan# 1057

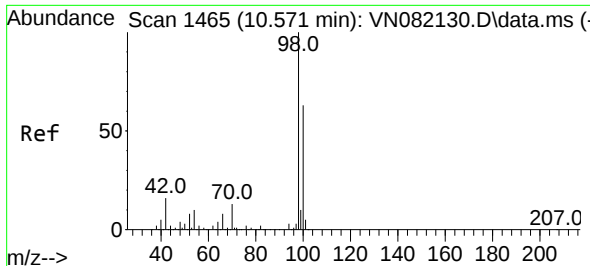
Delta R.T. 0.006 min

Lab File: VN082383.D

Acq: 29 May 2024 20:18

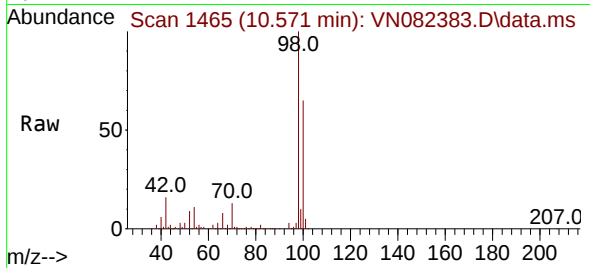
Tgt Ion:	113	Resp:	114202
Ion Ratio	Lower	Upper	
113	100		
111	101.9	83.4	125.2
192	18.4	14.0	21.0





#50
Toluene-d8
Concen: 52.455 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082383.D
Acq: 29 May 2024 20:18

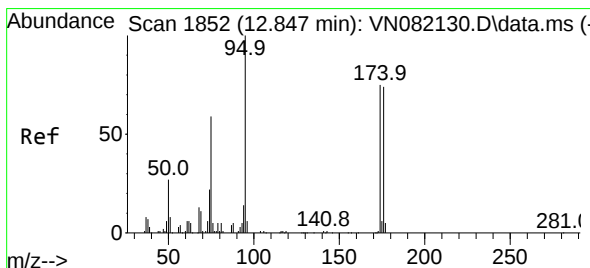
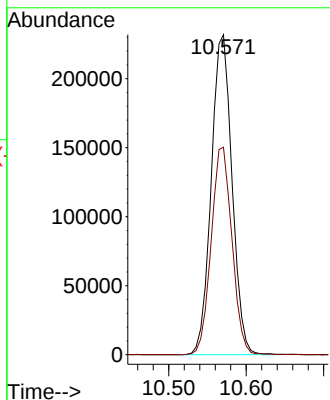
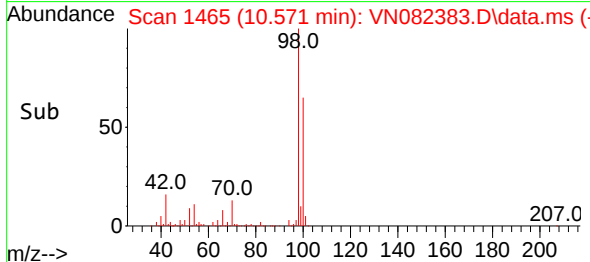
Instrument :
MSVOA_N
ClientSampleId :
513



Tgt Ion: 98 Resp: 43145
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

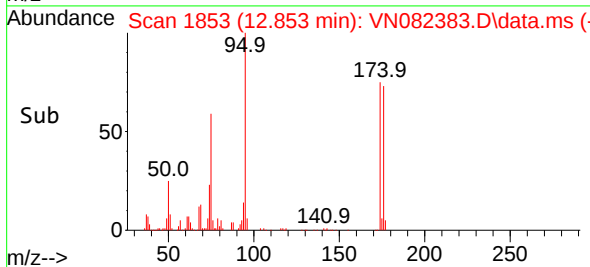
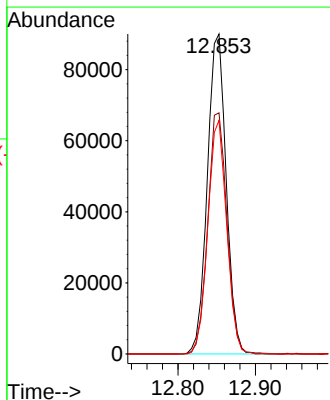
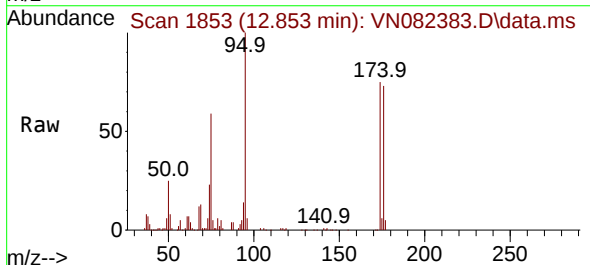
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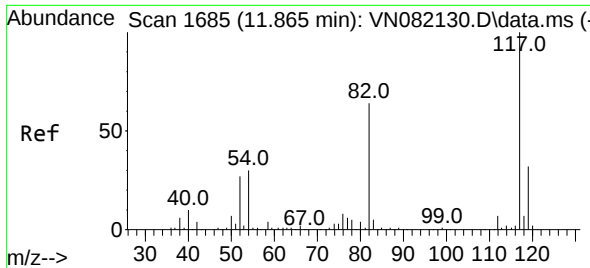
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#62
4-Bromofluorobenzene
Concen: 51.837 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082383.D
Acq: 29 May 2024 20:18

Tgt Ion: 95 Resp: 152181
Ion Ratio Lower Upper
95 100
174 76.6 0.0 160.6
176 72.6 0.0 152.8





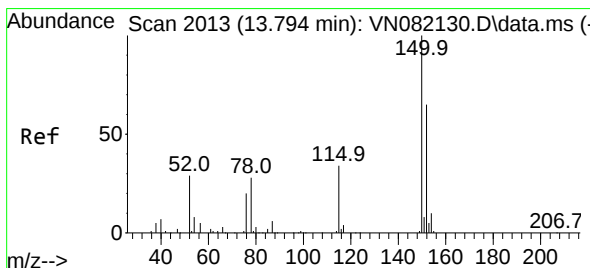
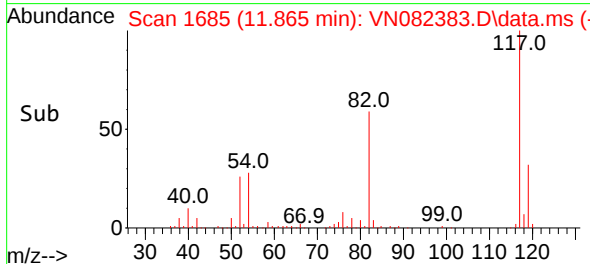
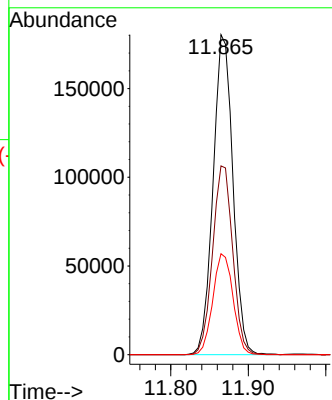
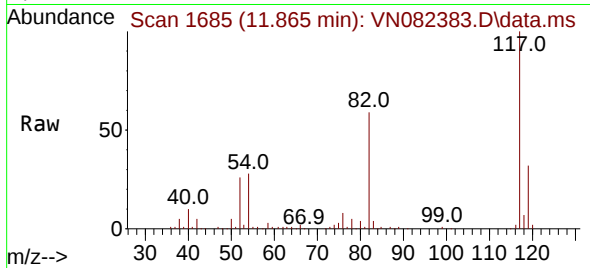
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN082383.D
Acq: 29 May 2024 20:18

Instrument :
MSVOA_N
ClientSampleId :
513

Tgt Ion:117 Resp: 32038
Ion Ratio Lower Upper
117 100
82 59.0 44.6 66.8
119 31.6 25.9 38.9

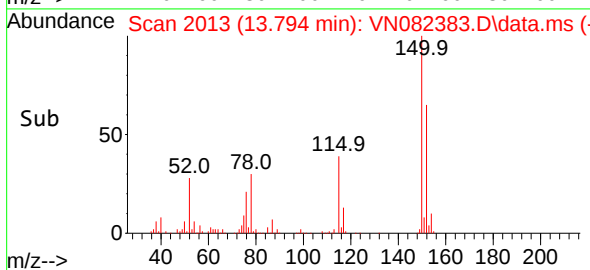
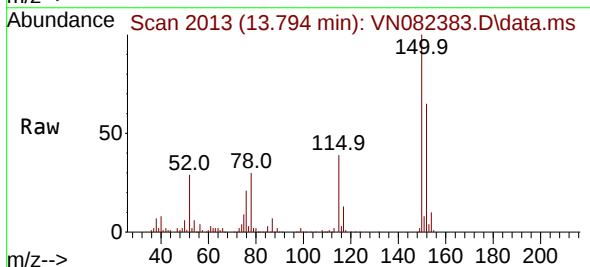
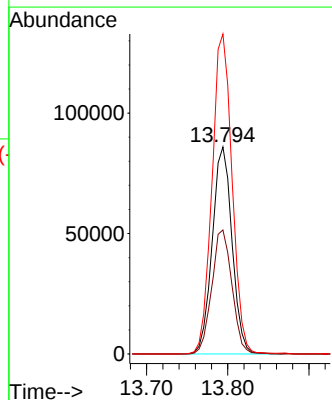
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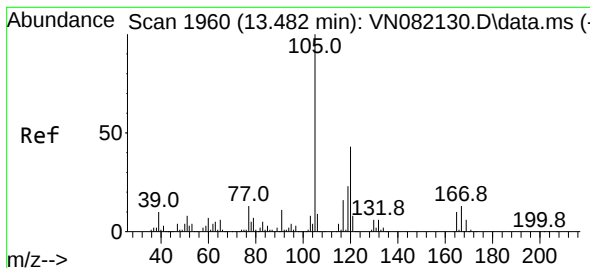
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082383.D
Acq: 29 May 2024 20:18

Tgt Ion:152 Resp: 145705
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 156.2 0.0 353.2





#84

1,2,4-Trimethylbenzene

Concen: 1.021 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN082383.D

Acq: 29 May 2024 20:18

Instrument :

MSVOA_N

ClientSampleId :

513

Tgt Ion:105 Resp: 9774

Ion Ratio Lower Upper

105 100

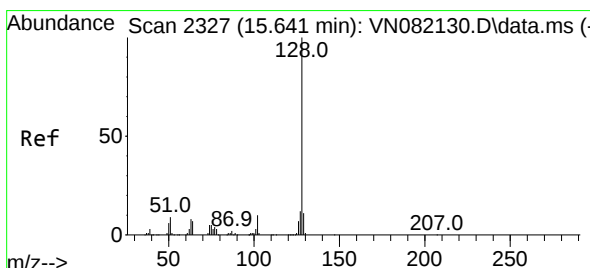
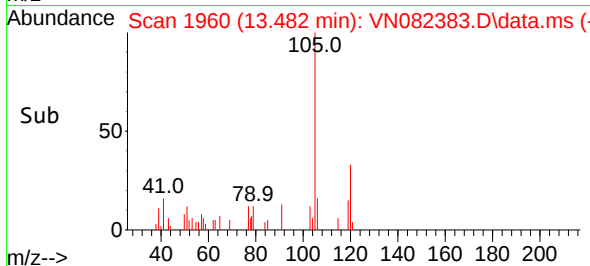
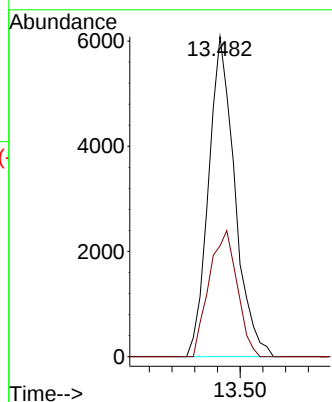
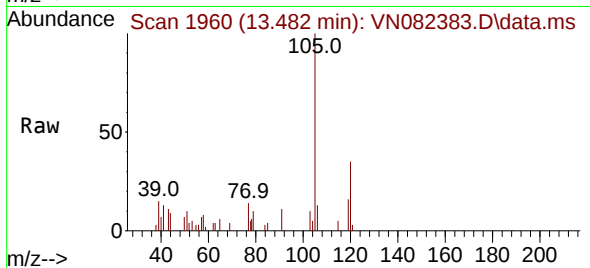
120 42.1 22.9 68.7

Manual Integrations

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#95

Naphthalene

Concen: 1.786 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN082383.D

Acq: 29 May 2024 20:18

Tgt Ion:128 Resp: 14840

Ion Ratio Lower Upper

128 100

127 14.8 10.1 15.1

129 13.7 8.9 13.3#

