

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082372.D
 Acq On : 29 May 2024 15:53
 Operator : JC\MD
 Sample : P2609-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 509

Manual Integrations
 APPROVED

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

Quant Time: May 30 05:44:59 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	7.877	168	194968m	50.000	ug/l	-0.35
34) 1,4-Difluorobenzene	8.865	114	337941	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	320591m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.782	152	144373	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.265	65	155145	50.395	ug/l	-0.31
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.780%
35) Dibromofluoromethane	7.794	113	110656	53.229	ug/l	-0.37
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.460%
50) Toluene-d8	10.453	98	431291	54.113	ug/l	-0.12
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.220%
62) 4-Bromofluorobenzene	12.823	95	153220m	53.861	ug/l	-0.02
Spiked Amount	50.000	Range	64 - 133	Recovery	=	107.720%

Target Compounds	Qvalue

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

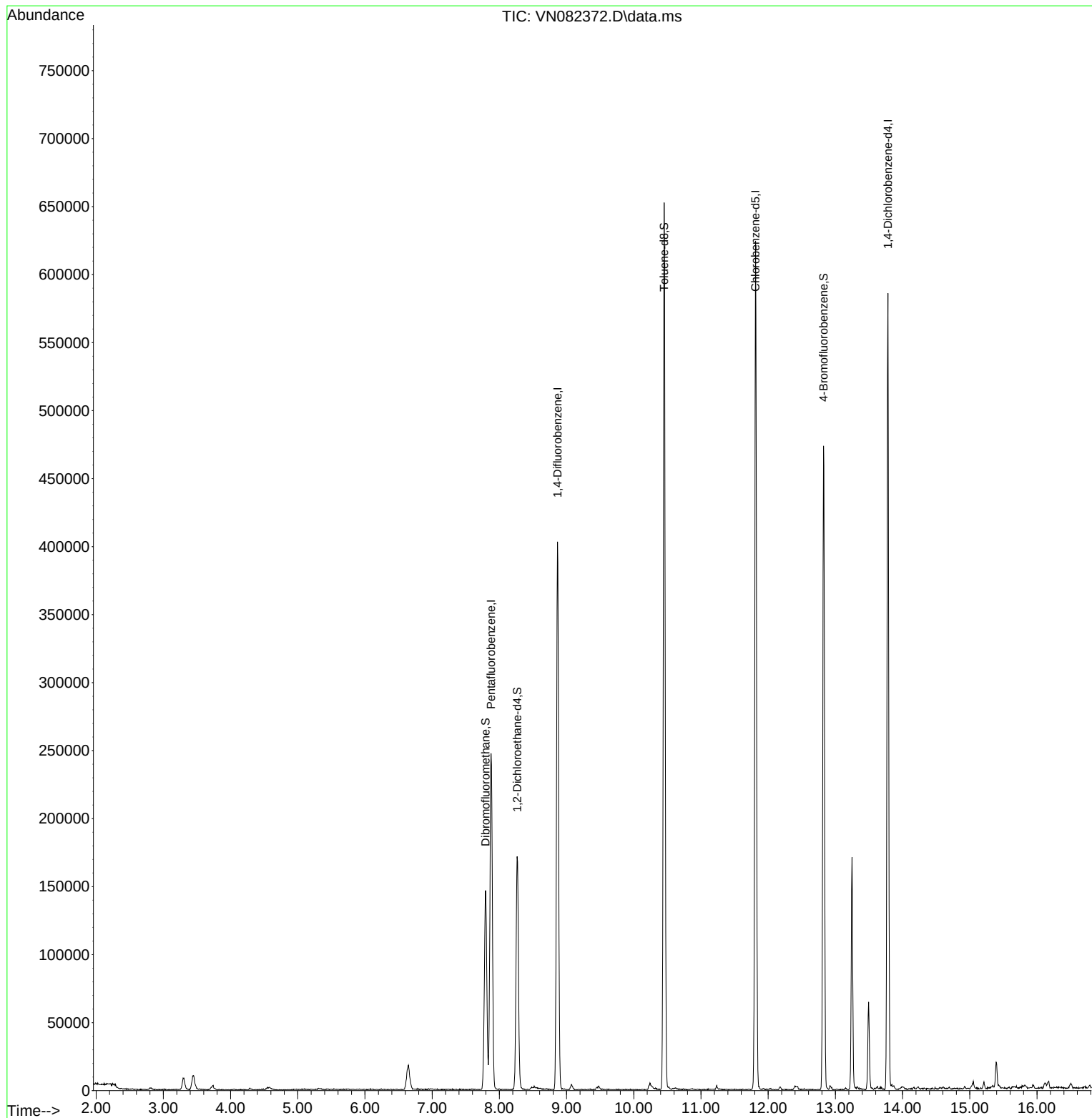
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
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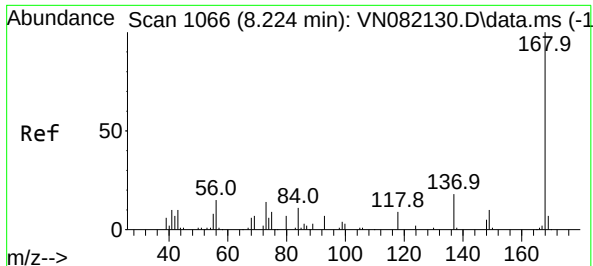
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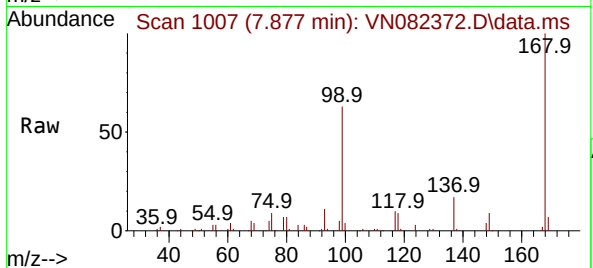
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.877 min Scan# 1066
Delta R.T. -0.347 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

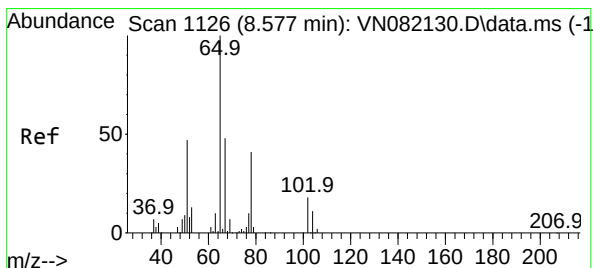
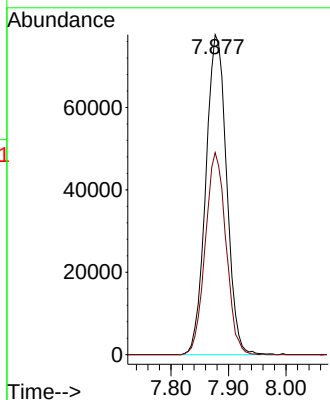
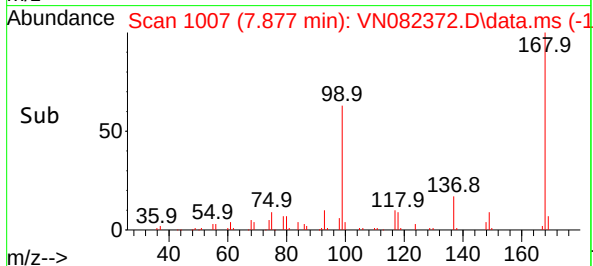
Instrument :
MSVOA_N
ClientSampleId :
509



Tgt Ion:168 Resp: 194968
Ion Ratio Lower Upper
168 100
99 63.2 48.2 72.4

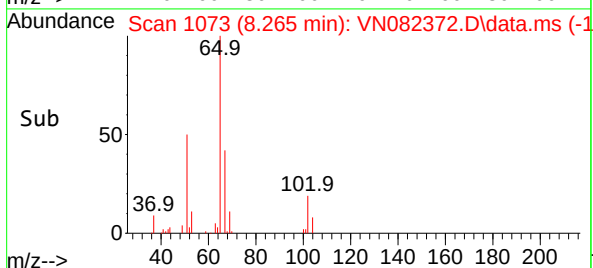
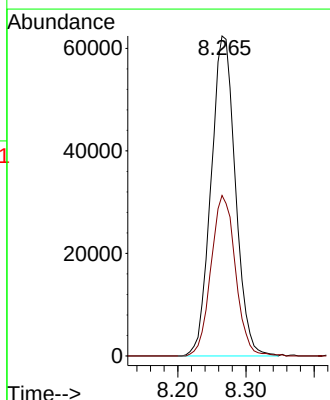
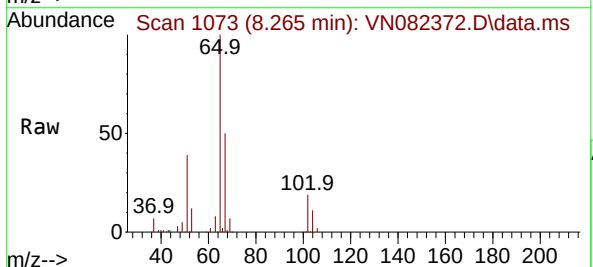
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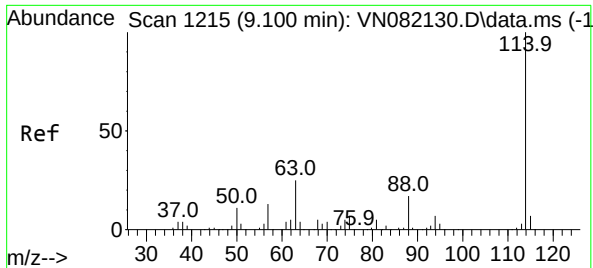
Reviewed By :John Carlone 05/30/2024
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#33
1,2-Dichloroethane-d4
Concen: 50.395 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.312 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

Tgt Ion: 65 Resp: 155145
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.865 min Scan# 1175
Delta R.T. -0.235 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

Instrument :

MSVOA_N

ClientSampleId :

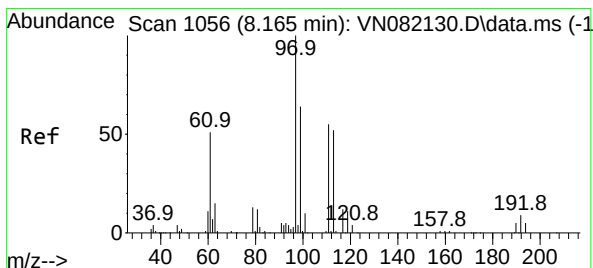
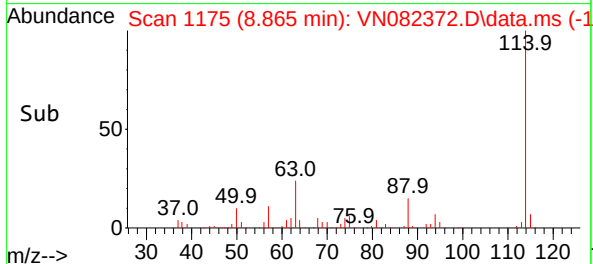
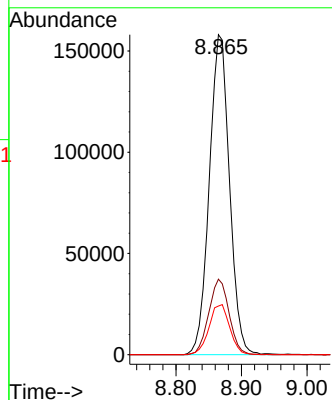
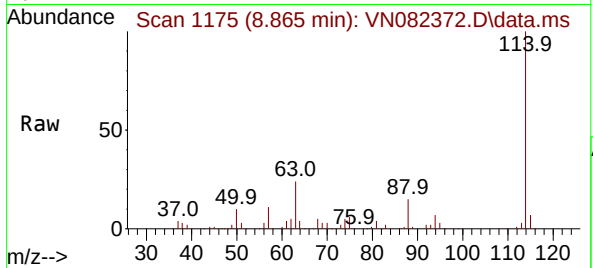
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Tgt Ion:114 Resp: 33794
Ion Ratio Lower Upper
114 100
63 23.6 0.0 41.0
88 15.2 0.0 31.4

Manual Integrations

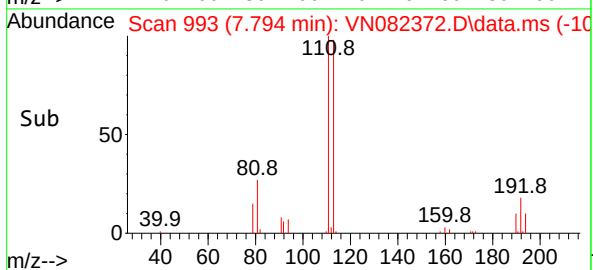
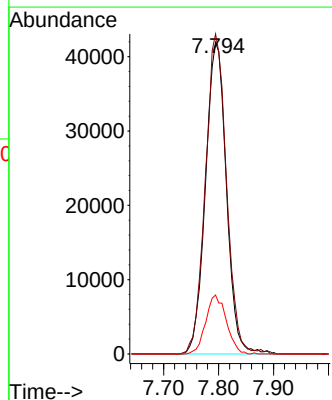
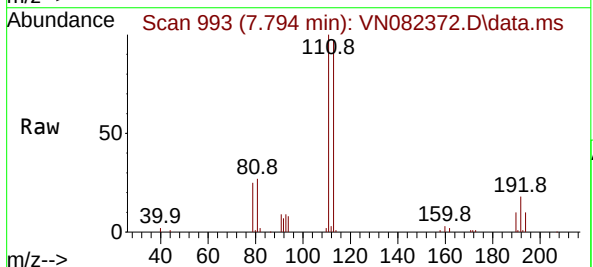
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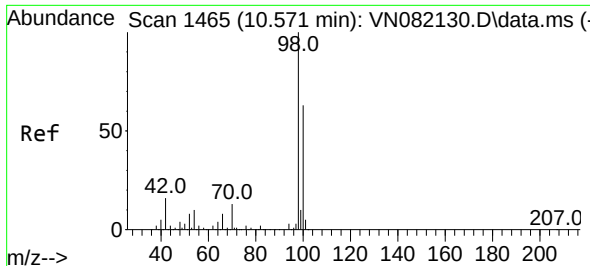
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#35
Dibromofluoromethane
Concen: 53.229 ug/l
RT: 7.794 min Scan# 993
Delta R.T. -0.371 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

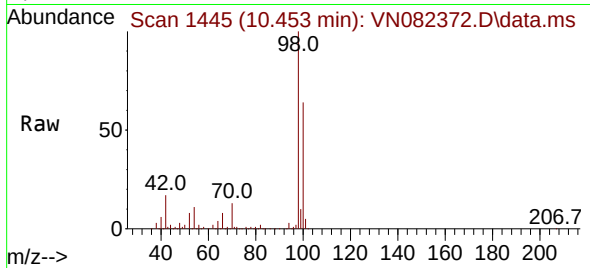
Tgt Ion:113 Resp: 110656
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 18.6 14.0 21.0





#50
Toluene-d8
Concen: 54.113 ug/l
RT: 10.453 min Scan# 1465
Delta R.T. -0.118 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

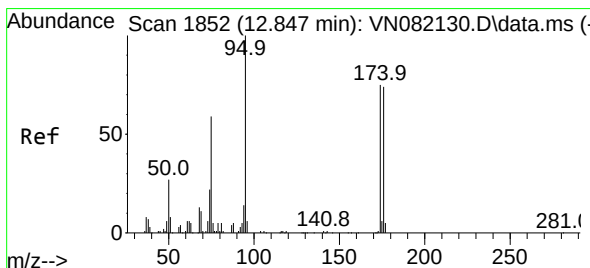
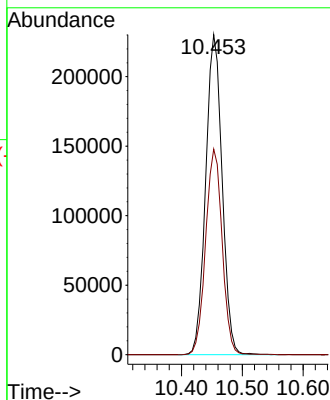
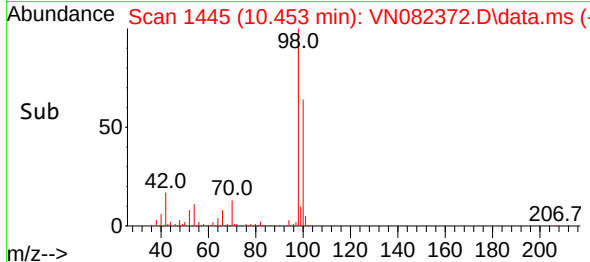
Instrument :
MSVOA_N
ClientSampleId :
509



Tgt Ion: 98 Resp: 43129
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

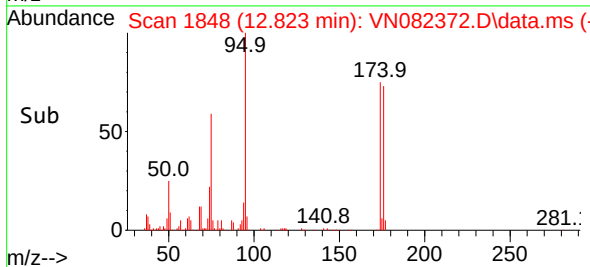
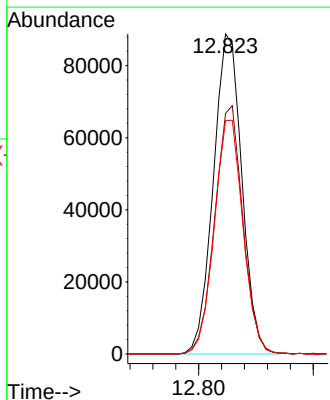
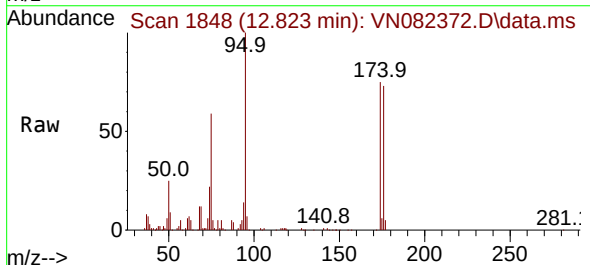
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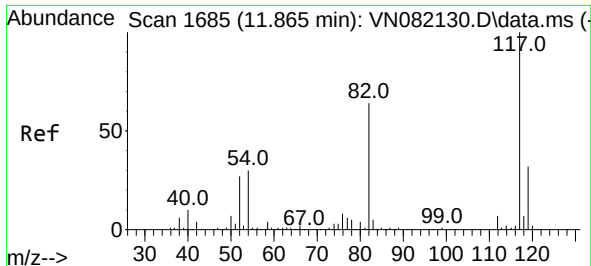
Reviewed By :John Carlone 05/30/2024
Supervised By :Semsettin Yesilyurt 05/30/2024



#62
4-Bromofluorobenzene
Concen: 53.861 ug/l m
RT: 12.823 min Scan# 1848
Delta R.T. -0.024 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

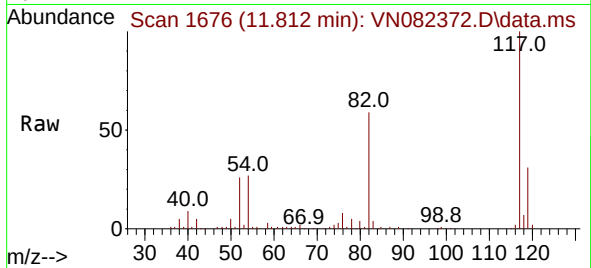
Tgt Ion: 95 Resp: 153220
Ion Ratio Lower Upper
95 100
174 0.0 0.0 160.6
176 0.0 0.0 152.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.812 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53

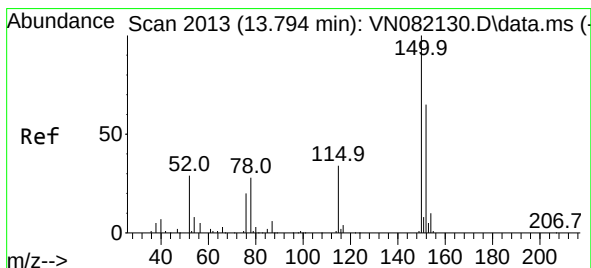
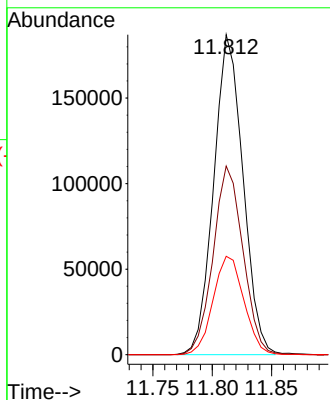
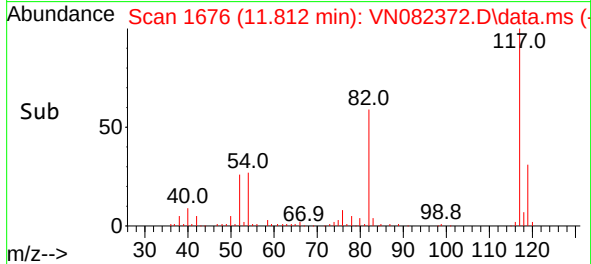
Instrument :
MSVOA_N
ClientSampleId :
509



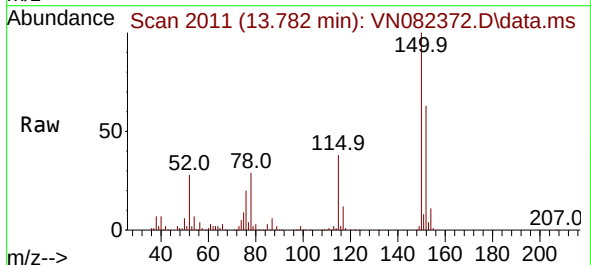
Tgt Ion:117 Resp: 32059
Ion Ratio Lower Upper
117 100
82 58.9 44.6 66.8
119 30.7 25.9 38.9

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Supervised By :Semsettin Yesilyurt 05/30/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.782 min Scan# 2011
Delta R.T. -0.012 min
Lab File: VN082372.D
Acq: 29 May 2024 15:53



Tgt Ion:152 Resp: 144373
Ion Ratio Lower Upper
152 100
115 60.3 30.4 91.3
150 157.6 0.0 353.2

