

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020325\
 Data File : VN085634.D
 Acq On : 03 Feb 2025 20:02
 Operator : JC\MD
 Sample : Q1241-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JPP-3.5-013025

Quant Time: Feb 04 02:58:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

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

Internal Standards						
1) Pentafluorobenzene	7.871	168	190736m	50.000	ug/l	-0.35
34) 1,4-Difluorobenzene	8.859	114	364470	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	339889m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.776	152	119474	50.000	ug/l	-0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.259	65	167760	54.487	ug/l	-0.31
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.980%
35) Dibromofluoromethane	7.782	113	134150	53.055	ug/l	-0.38
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.100%
50) Toluene-d8	10.447	98	449937	50.083	ug/l	-0.12
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.160%
62) 4-Bromofluorobenzene	12.823	95	130014m	42.307	ug/l	-0.02
Spiked Amount	50.000	Range	77 - 121	Recovery	=	84.620%

Target Compounds	Qvalue

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

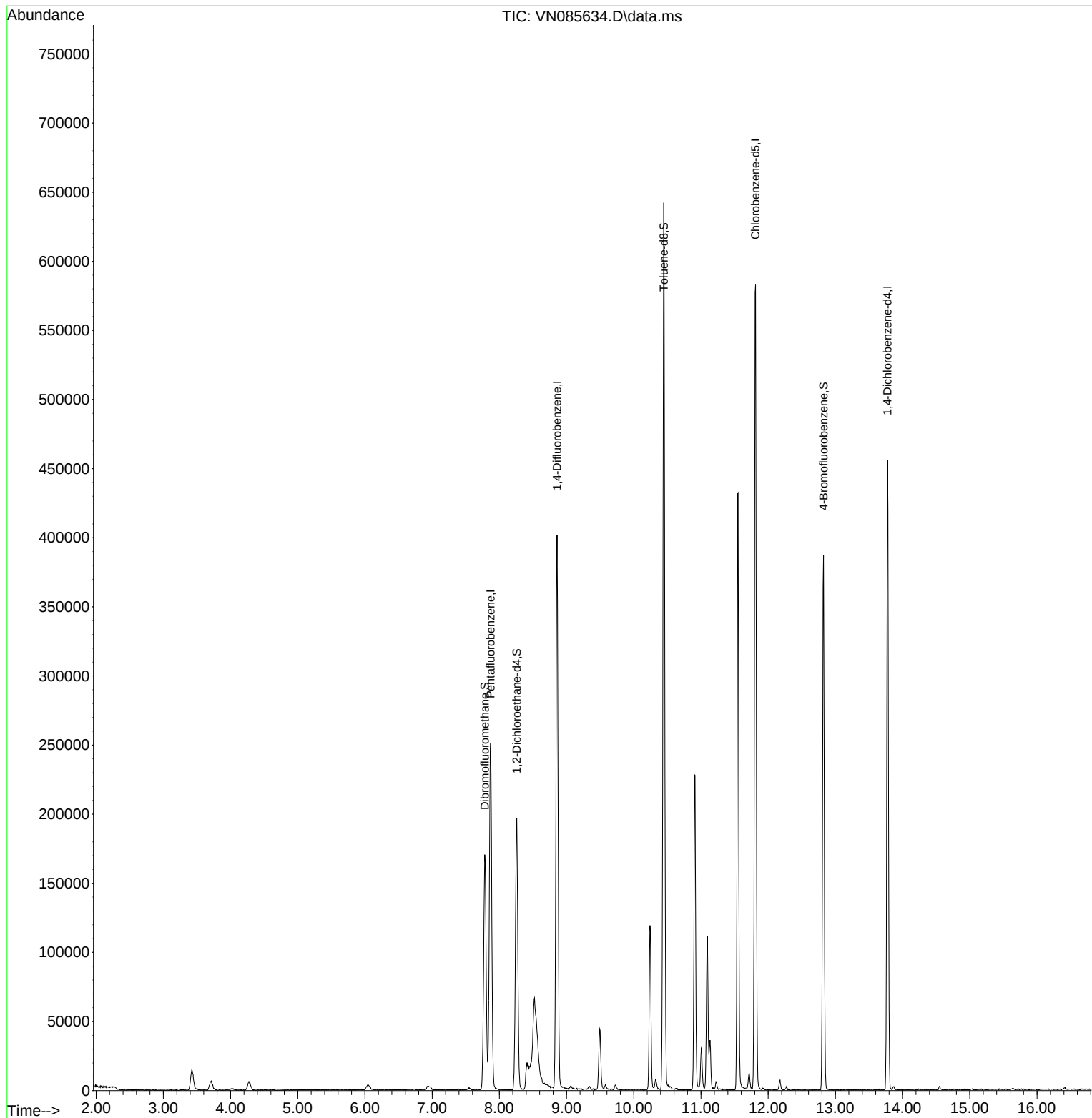
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Data File : VN085634.D
Acq On : 03 Feb 2025 20:02
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Misc : 5.0mL/MSVOA_N/WATER
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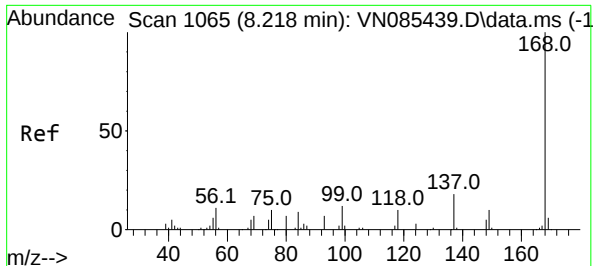
Instrument :
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ClientSampleId :
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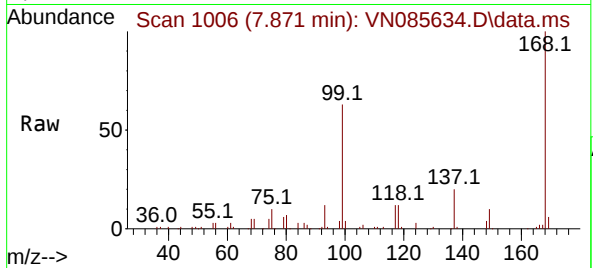
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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.871 min Scan# 1072
Delta R.T. -0.347 min
Lab File: VN085634.D
Acq: 03 Feb 2025 20:02

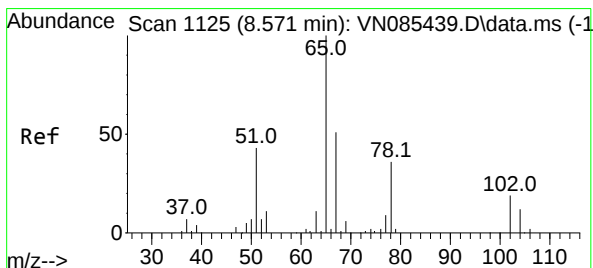
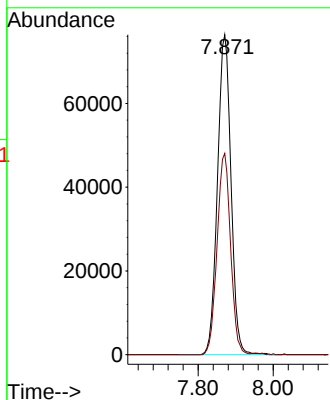
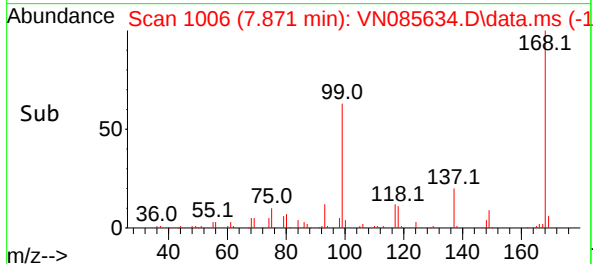
Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025



Tgt Ion:168 Resp: 190730
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4

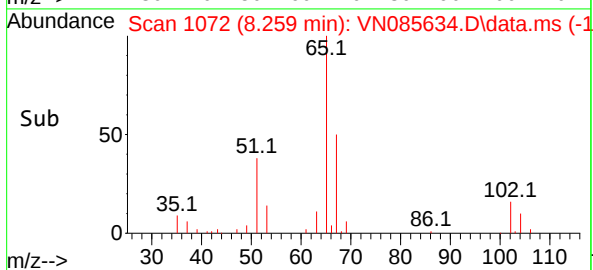
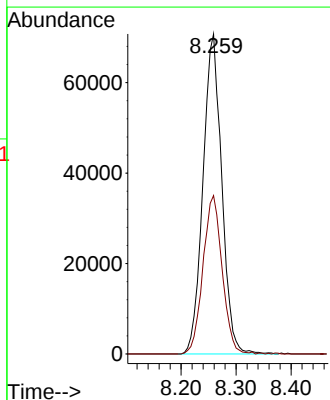
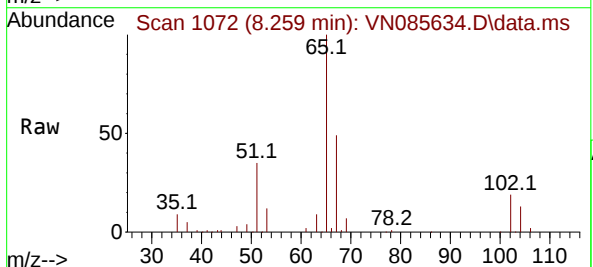
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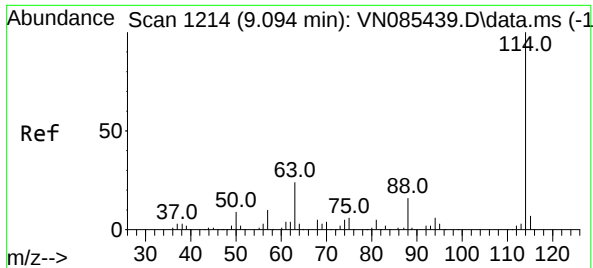
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#33
1,2-Dichloroethane-d4
Concen: 54.487 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.312 min
Lab File: VN085634.D
Acq: 03 Feb 2025 20:02

Tgt Ion: 65 Resp: 167760
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.6





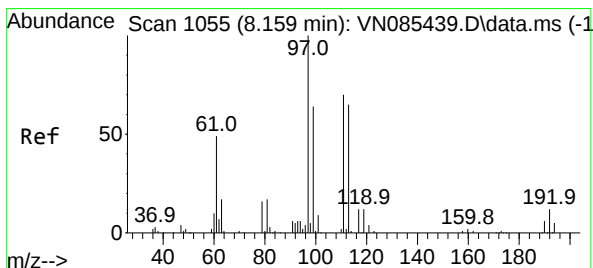
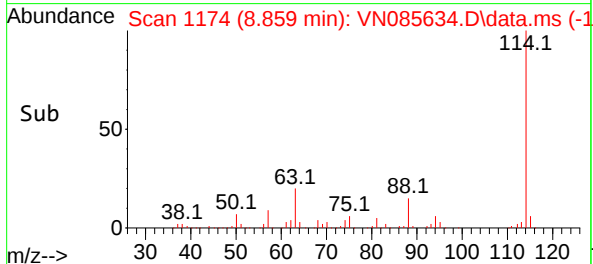
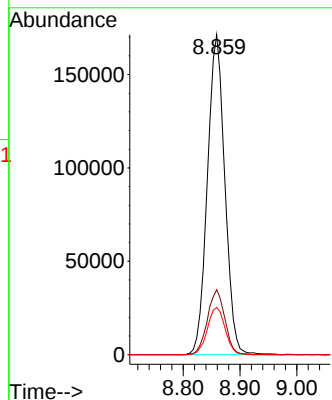
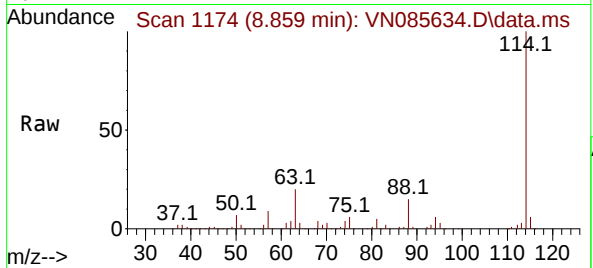
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.859 min Scan# 1174
Delta R.T. -0.235 min
Lab File: VN085634.D
Acq: 03 Feb 2025 20:02

Instrument :
MSVOA_N
ClientSampleId :
JPP-3.5-013025

Tgt Ion:114 Resp: 364470
Ion Ratio Lower Upper
114 100
63 20.3 0.0 47.6
88 14.8 0.0 32.6

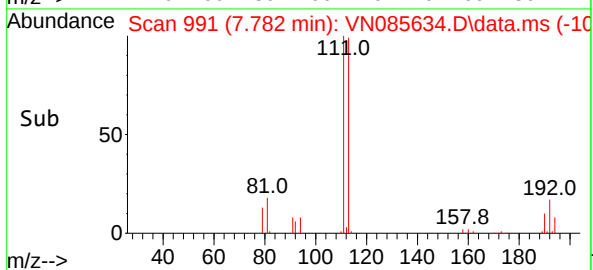
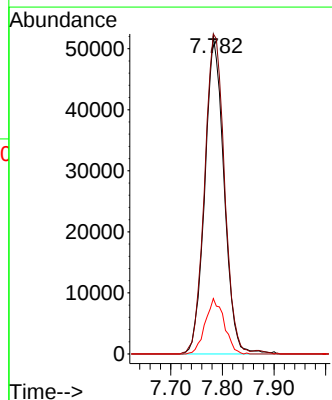
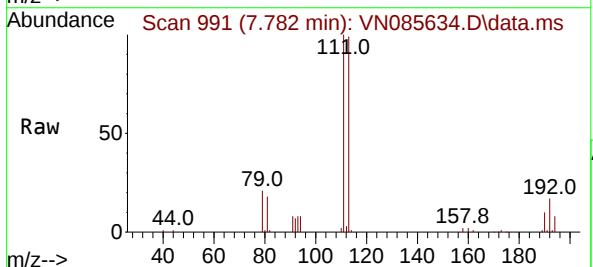
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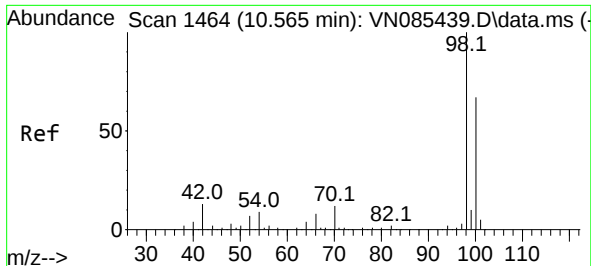
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#35
Dibromofluoromethane
Concen: 53.055 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.377 min
Lab File: VN085634.D
Acq: 03 Feb 2025 20:02

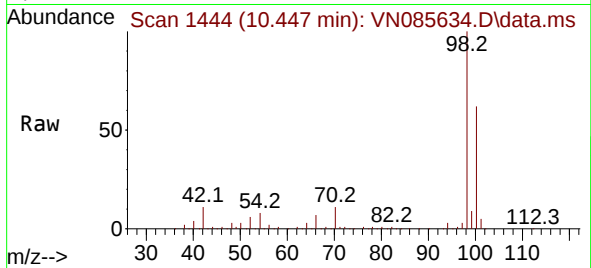
Tgt Ion:113 Resp: 134150
Ion Ratio Lower Upper
113 100
111 104.2 82.7 124.1
192 17.2 14.3 21.5





#50
Toluene-d8
Concen: 50.083 ug/l
RT: 10.447 min Scan# 1464
Delta R.T. -0.118 min
Lab File: VN085634.D
Acq: 03 Feb 2025 20:02

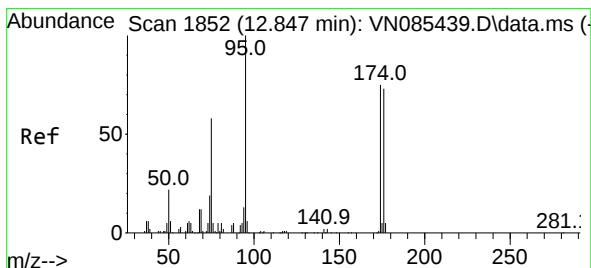
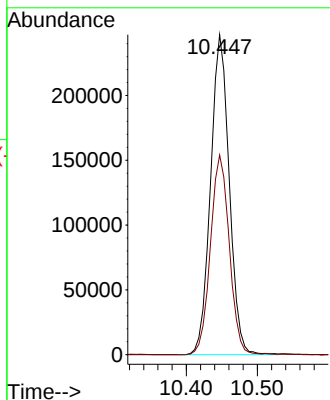
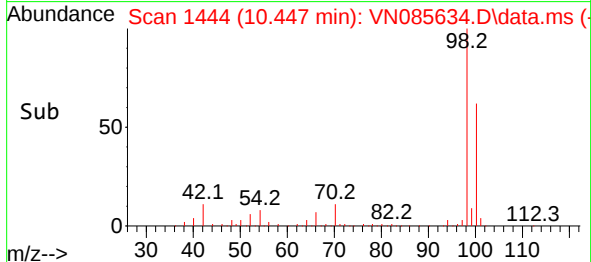
Instrument :
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Tgt Ion: 98 Resp: 44993
Ion Ratio Lower Upper
98 100
100 63.1 52.2 78.4

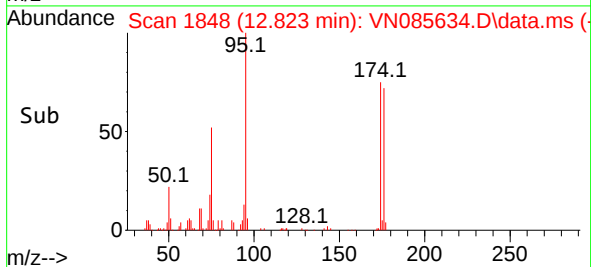
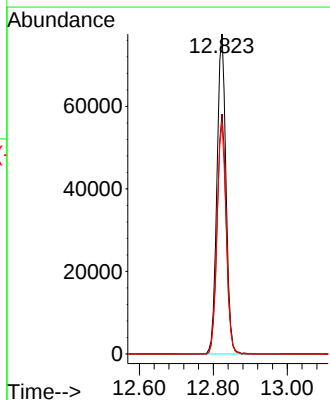
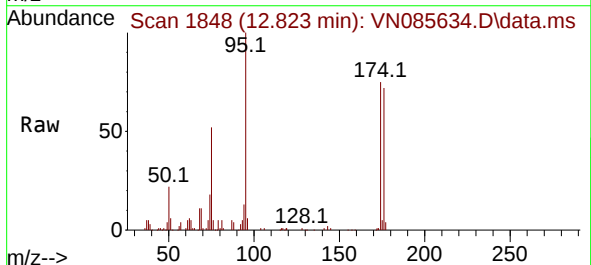
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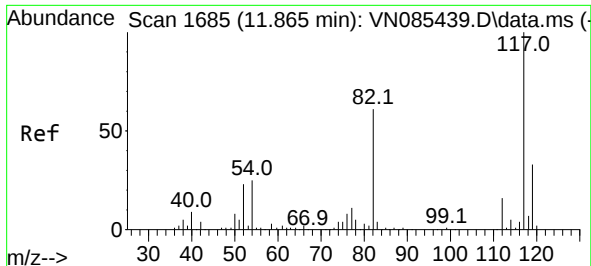
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#62
4-Bromofluorobenzene
Concen: 42.307 ug/l m
RT: 12.823 min Scan# 1848
Delta R.T. -0.024 min
Lab File: VN085634.D
Acq: 03 Feb 2025 20:02

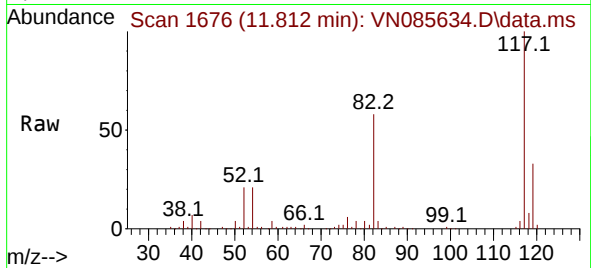
Tgt Ion: 95 Resp: 130014
Ion Ratio Lower Upper
95 100
174 0.0 0.0 145.0
176 0.0 0.0 142.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.812 min Scan# 1
Delta R.T. -0.053 min
Lab File: VN085634.D
Acq: 03 Feb 2025 20:02

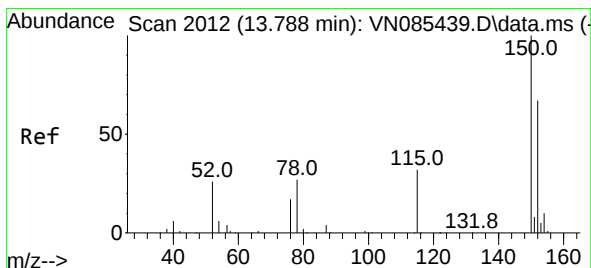
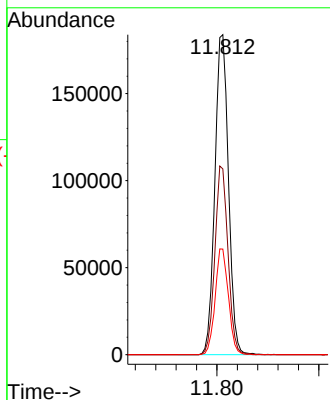
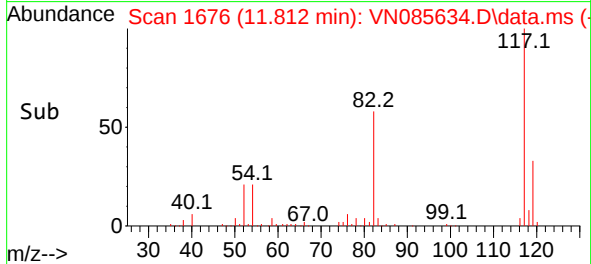
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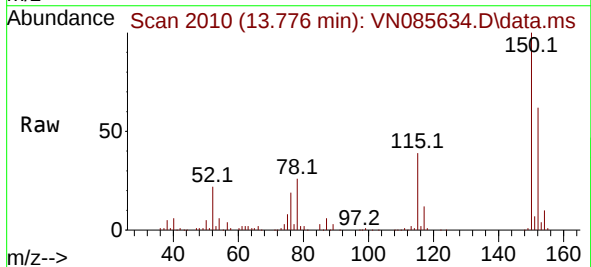
Tgt Ion:117 Resp: 339889
Ion Ratio Lower Upper
117 100
82 58.0 48.6 72.8
119 33.0 26.6 39.8

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Supervised By :Mahesh Dadoda 02/04/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.776 min Scan# 2010
Delta R.T. -0.012 min
Lab File: VN085634.D
Acq: 03 Feb 2025 20:02



Tgt Ion:152 Resp: 119474
Ion Ratio Lower Upper
152 100
115 61.7 31.1 93.3
150 159.2 0.0 343.6

