

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086197.D
 Acq On : 01 Apr 2025 15:37
 Operator : JC\MD
 Sample : Q1659-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3809

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/02/2025
 Supervised By :Mahesh Dadoda 04/02/2025

Quant Time: Apr 02 03:33:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.800	168	328981m	50.000	ug/l	0.58
34) 1,4-Difluorobenzene	9.506	114	609676m	50.000	ug/l	0.41
63) Chlorobenzene-d5	11.959	117	472384	50.000	ug/l	0.09
72) 1,4-Dichlorobenzene-d4	13.812	152	109540	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	9.100	65	133612m	29.659	ug/l	0.52
Spiked Amount	50.000	Range	74 - 125	Recovery	=	59.320%#
35) Dibromofluoromethane	8.777	113	74684m	17.550	ug/l	0.61
Spiked Amount	50.000	Range	75 - 124	Recovery	=	35.100%#
50) Toluene-d8	10.771	98	680915	44.088	ug/l	0.21
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.180%
62) 4-Bromofluorobenzene	12.888	95	175840	31.925	ug/l	0.04
Spiked Amount	50.000	Range	77 - 121	Recovery	=	63.840%#

Target Compounds	Qvalue

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

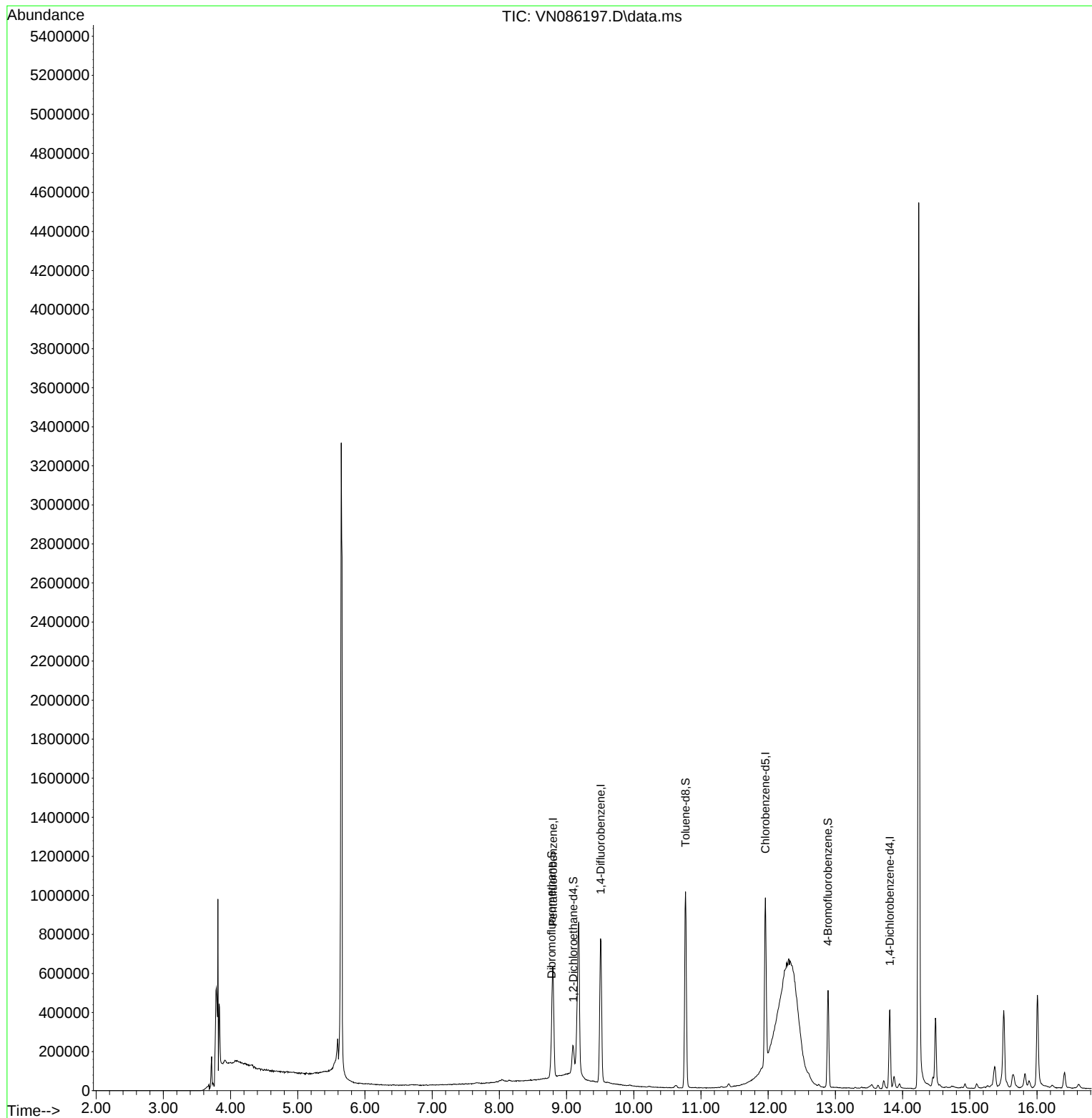
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
Data File : VN086197.D
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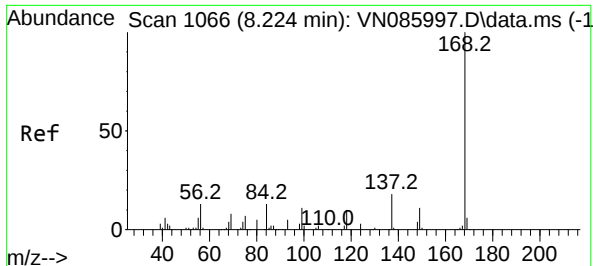
Instrument :
MSVOA_N
ClientSampleId :
3809

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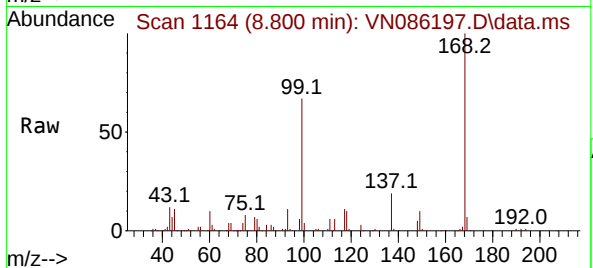
Quant Time: Apr 02 03:33:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 8.800 min Scan# 1164
Delta R.T. 0.576 min
Lab File: VN086197.D
Acq: 01 Apr 2025 15:37

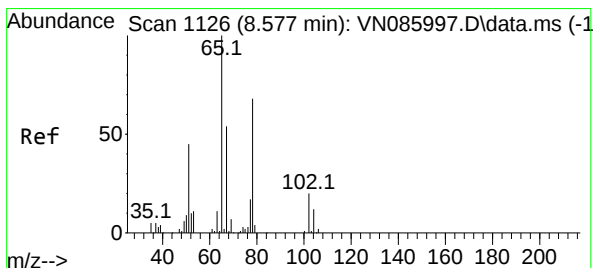
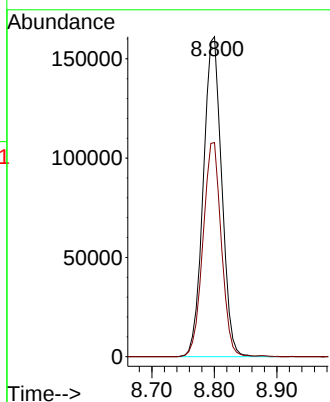
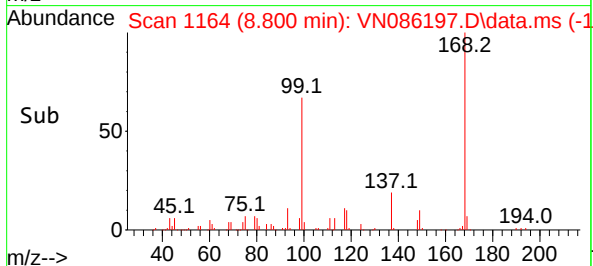
Instrument :
MSVOA_N
ClientSampleId :
3809



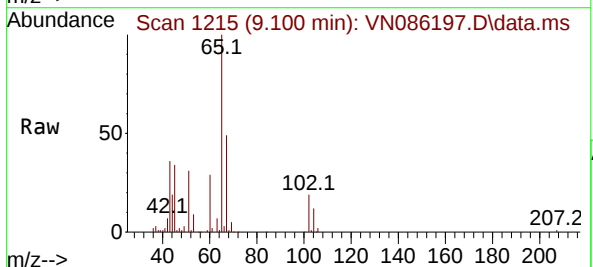
Tgt Ion:168 Resp: 32898
Ion Ratio Lower Upper
168 100
99 66.9 49.4 74.2

Manual Integrations
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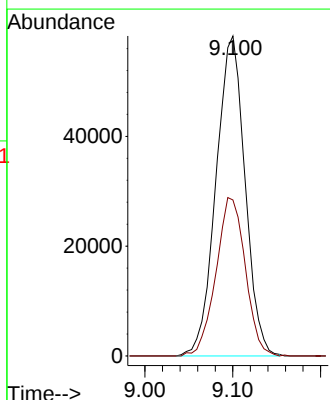
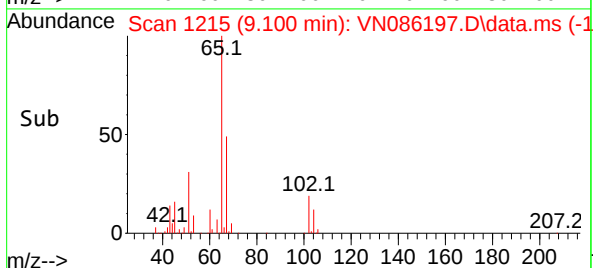
Reviewed By :Amit Patel 04/02/2025
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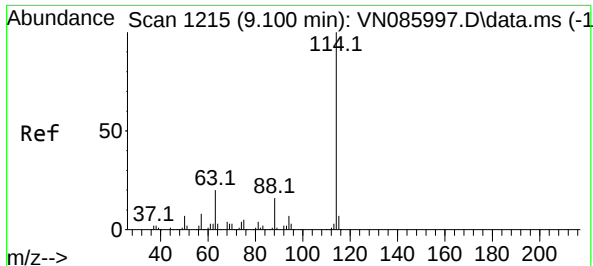


#33
1,2-Dichloroethane-d4
Concen: 29.659 ug/l m
RT: 9.100 min Scan# 1215
Delta R.T. 0.523 min
Lab File: VN086197.D
Acq: 01 Apr 2025 15:37



Tgt Ion: 65 Resp: 133612
Ion Ratio Lower Upper
65 100
67 0.0 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l m

RT: 9.506 min Scan# 1160

Delta R.T. 0.406 min

Lab File: VN086197.D

Acq: 01 Apr 2025 15:37

Instrument :

MSVOA_N

ClientSampleId :

3809

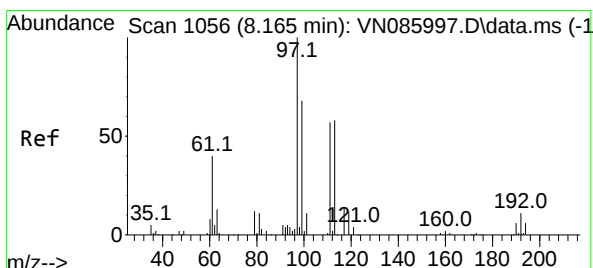
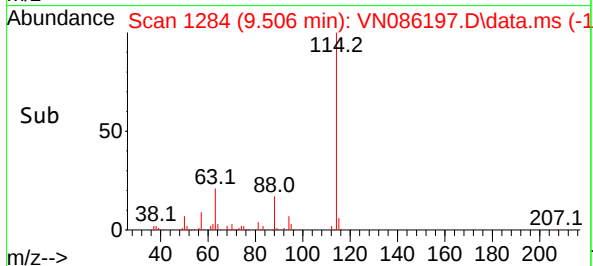
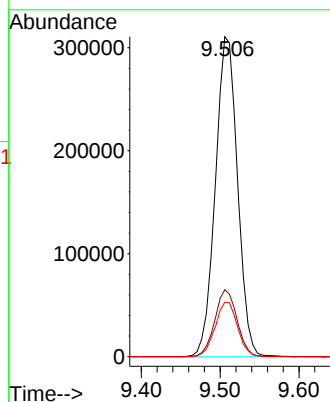
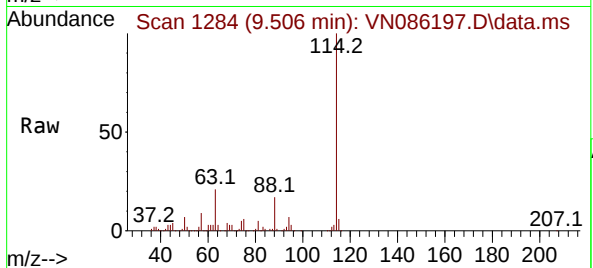
Tgt Ion:	114	Resp:	609670
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	39.6
88	17.0	0.0	32.6

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#35

Dibromofluoromethane

Concen: 17.550 ug/l m

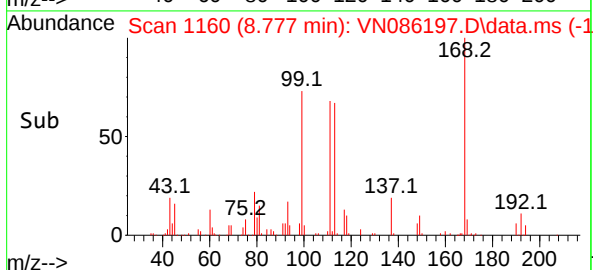
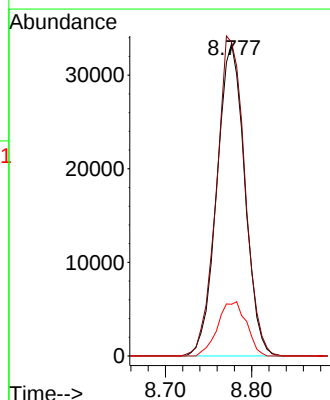
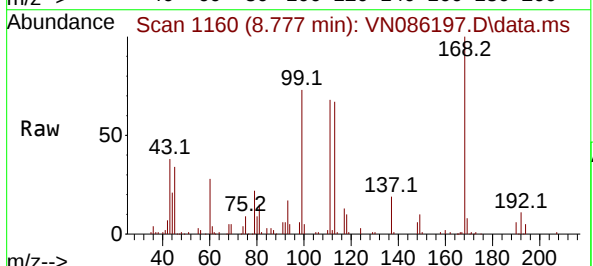
RT: 8.777 min Scan# 1160

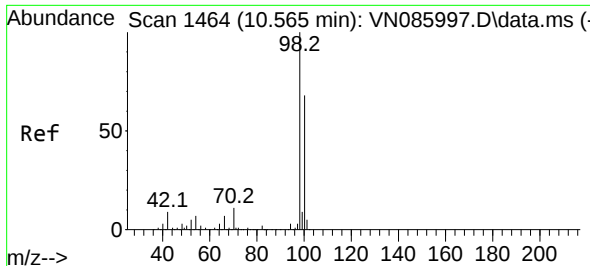
Delta R.T. 0.612 min

Lab File: VN086197.D

Acq: 01 Apr 2025 15:37

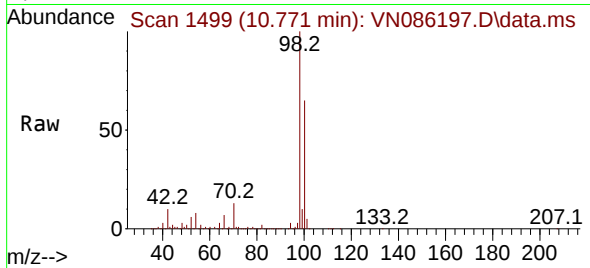
Tgt Ion:	113	Resp:	74684
Ion Ratio	Lower	Upper	
113	100		
111	0.0	81.8	122.8#
192	0.0	15.9	23.9#





#50
Toluene-d8
Concen: 44.088 ug/l
RT: 10.771 min Scan# 1464
Delta R.T. 0.206 min
Lab File: VN086197.D
Acq: 01 Apr 2025 15:37

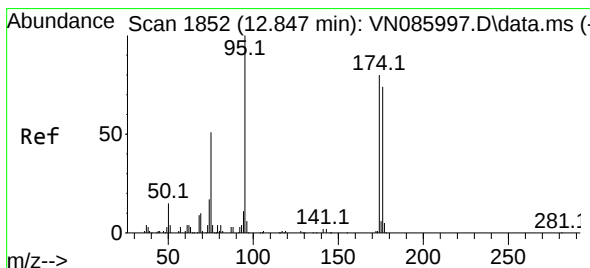
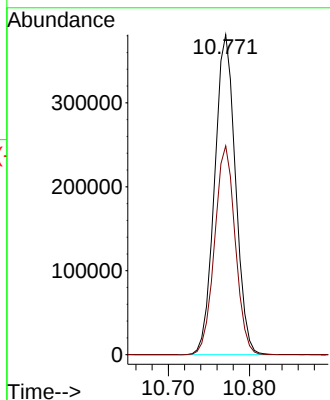
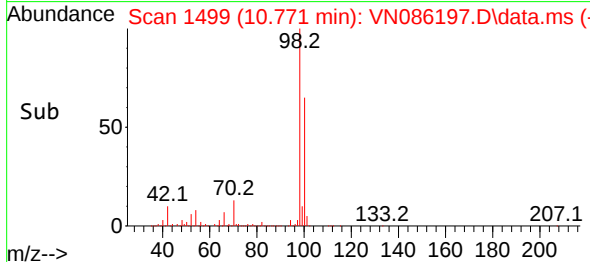
Instrument :
MSVOA_N
ClientSampleId :
3809



Tgt Ion: 98 Resp: 680915
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

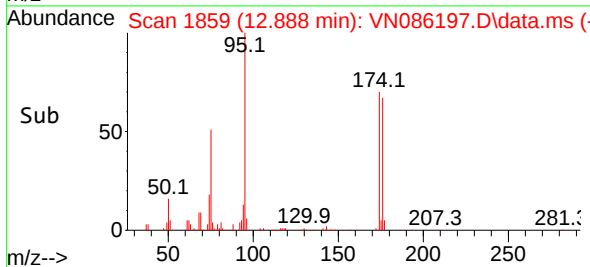
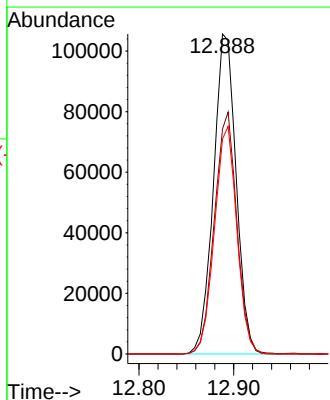
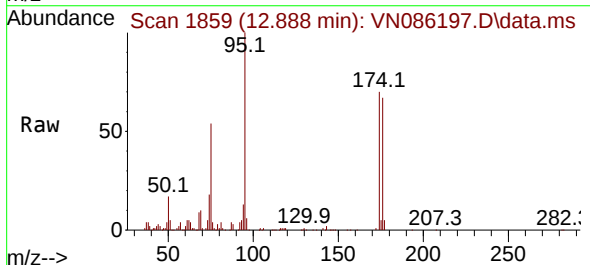
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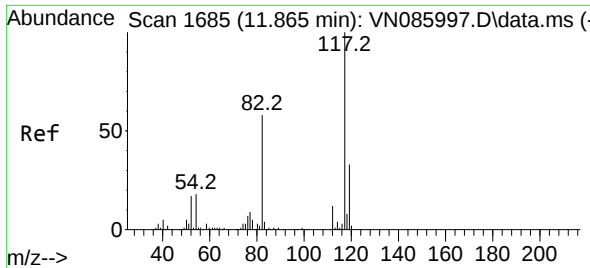
Reviewed By :Amit Patel 04/02/2025
Supervised By :Mahesh Dadoda 04/02/2025



#62
4-Bromofluorobenzene
Concen: 31.925 ug/l
RT: 12.888 min Scan# 1859
Delta R.T. 0.041 min
Lab File: VN086197.D
Acq: 01 Apr 2025 15:37

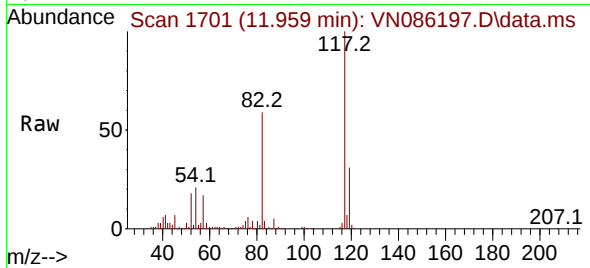
Tgt Ion: 95 Resp: 175840
Ion Ratio Lower Upper
95 100
174 75.0 0.0 156.8
176 70.1 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.959 min Scan# 11
Delta R.T. 0.094 min
Lab File: VN086197.D
Acq: 01 Apr 2025 15:37

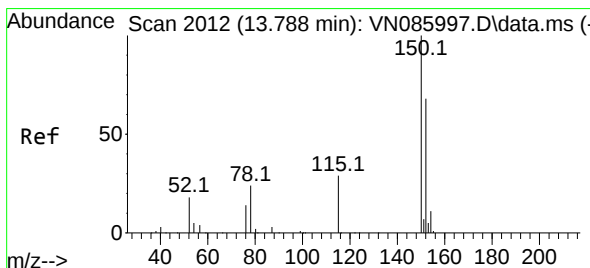
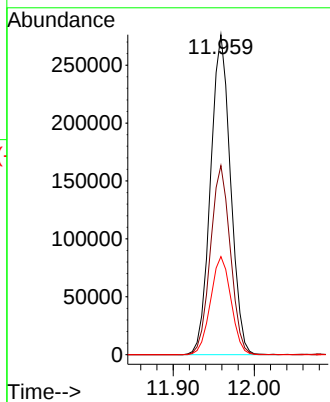
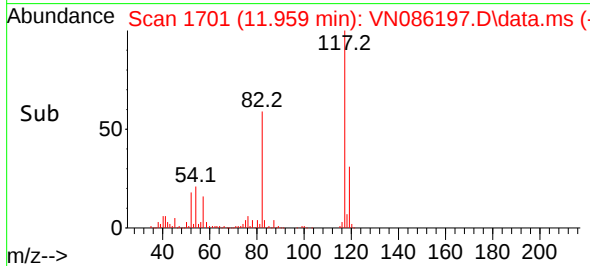
Instrument :
MSVOA_N
ClientSampleId :
3809



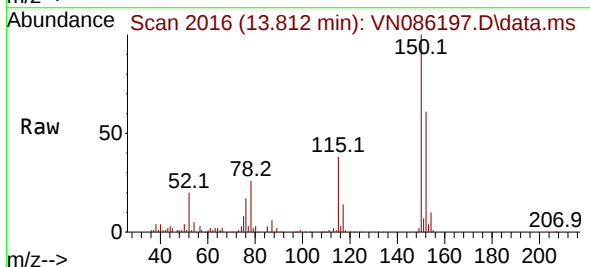
Tgt Ion:117 Resp: 472384
Ion Ratio Lower Upper
117 100
82 59.1 46.7 70.1
119 30.6 26.5 39.7

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Supervised By :Mahesh Dadoda 04/02/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.023 min
Lab File: VN086197.D
Acq: 01 Apr 2025 15:37



Tgt Ion:152 Resp: 109540
Ion Ratio Lower Upper
152 100
115 65.0 31.1 93.2
150 158.6 0.0 359.6

