

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092525\
 Data File : VN087953.D
 Acq On : 25 Sep 2025 14:41
 Operator : JC\MD
 Sample : Q3177-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EME-TS12-01

Quant Time: Sep 26 07:31:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	183992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	396657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	392483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	179435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	167402	54.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.120%			
35) Dibromofluoromethane	8.153	113	140726	48.864	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.720%			
50) Toluene-d8	10.547	98	466826	46.094	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.180%			
62) 4-Bromofluorobenzene	12.829	95	162259	44.822	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.640%			
Target Compounds					Qvalue	
16) Acetone	4.418	43	8006m	6.284	ug/l	
20) Methylene Chloride	5.271	84	26137	10.136	ug/l	93

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

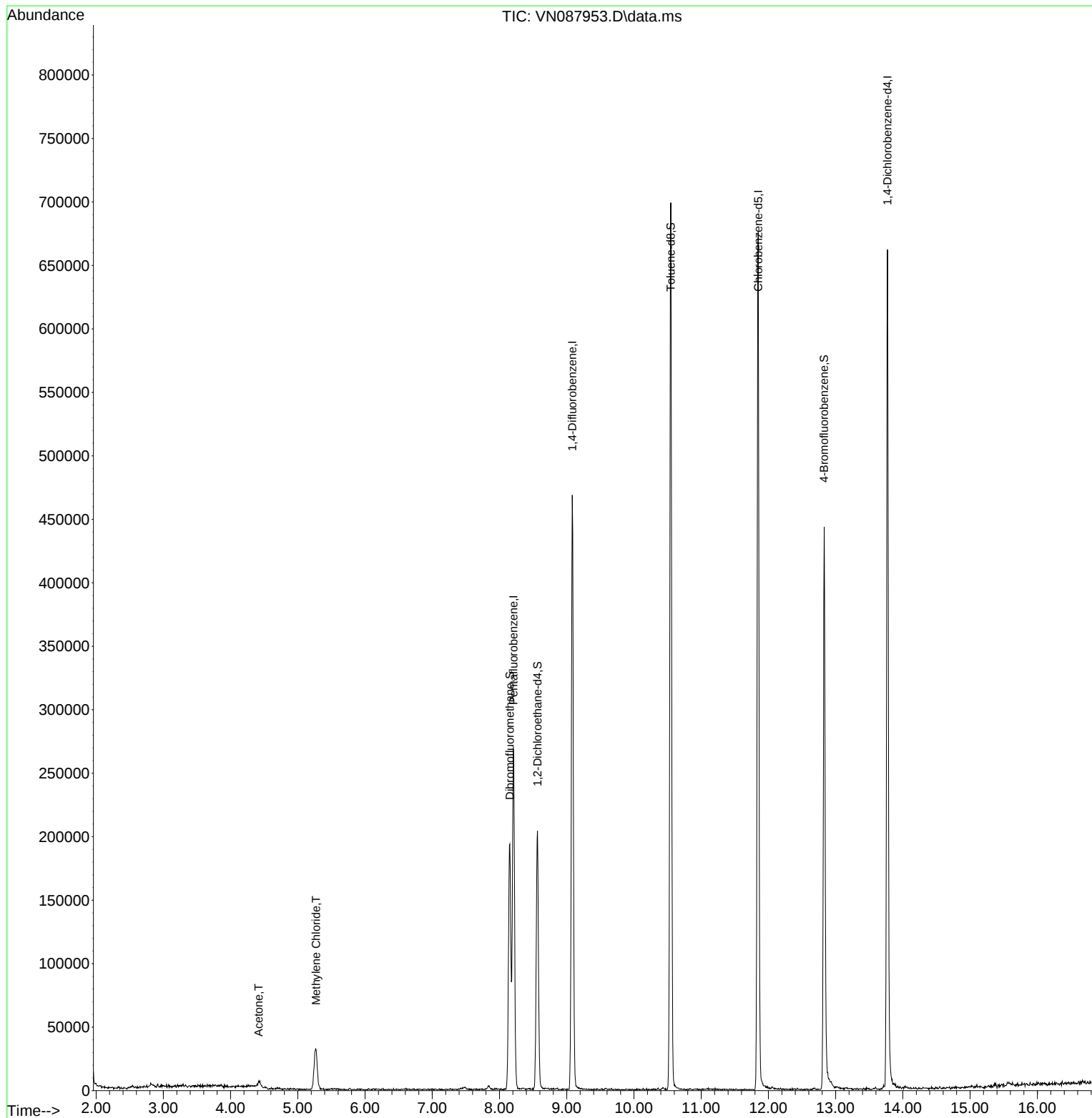
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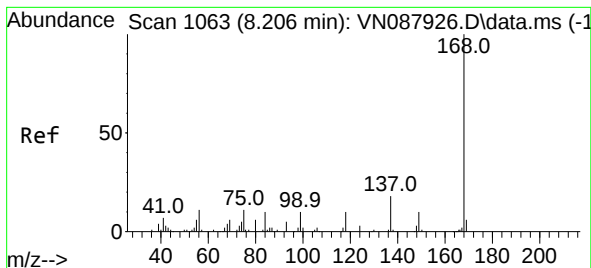
Instrument :
MSVOA_N
ClientSampleId :
EME-TS12-01

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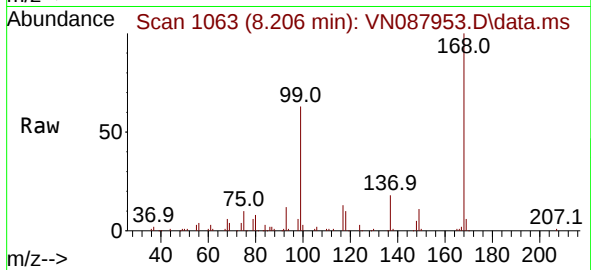
Reviewed By : John Carlone 09/26/2025
Supervised By : Mahesh Dadoda 09/29/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087953.D
Acq: 25 Sep 2025 14:41

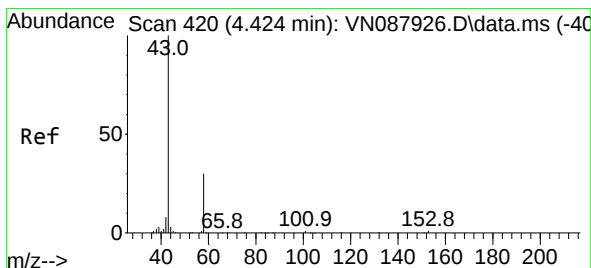
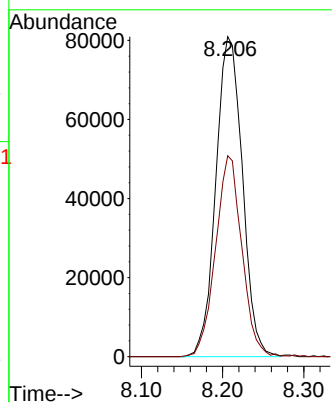
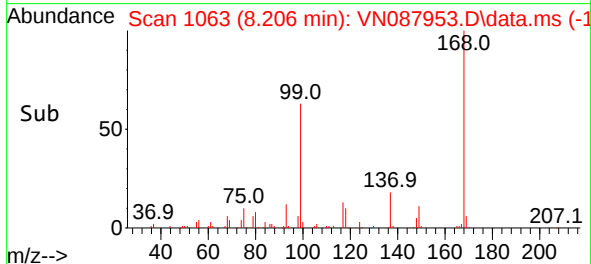
Instrument :
MSVOA_N
ClientSampleId :
EME-TS12-01



Tgt Ion:168 Resp: 183992
Ion Ratio Lower Upper
168 100
99 62.8 52.2 78.2

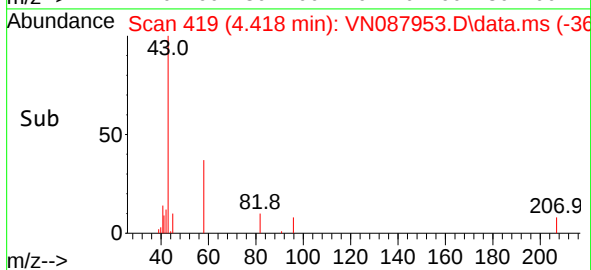
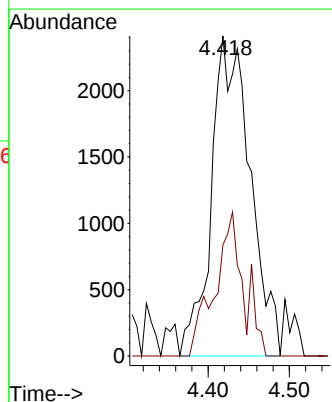
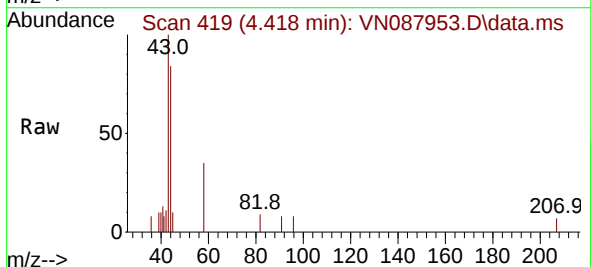
Manual Integrations
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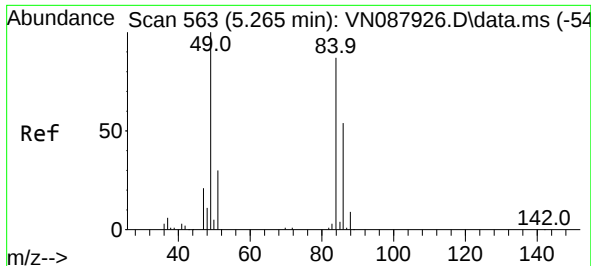
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#16
Acetone
Concen: 6.284 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087953.D
Acq: 25 Sep 2025 14:41

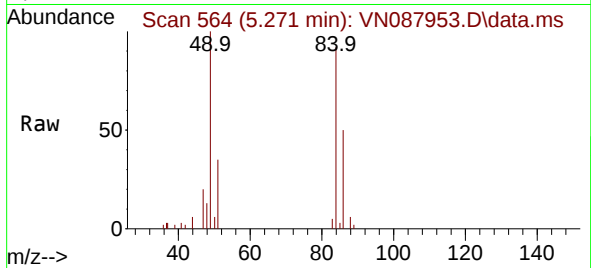
Tgt Ion: 43 Resp: 8006
Ion Ratio Lower Upper
43 100
58 34.7 24.1 36.1





#20
Methylene Chloride
Concen: 10.136 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087953.D
Acq: 25 Sep 2025 14:41

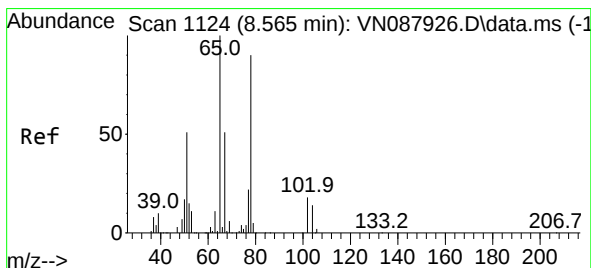
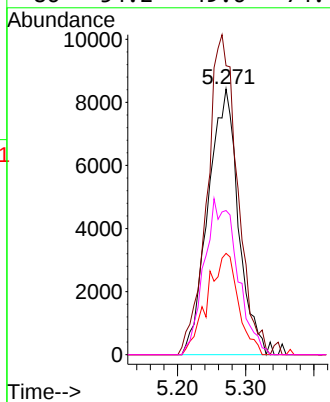
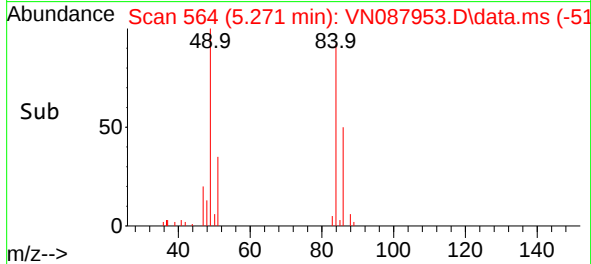
Instrument :
MSVOA_N
ClientSampleId :
EME-TS12-01



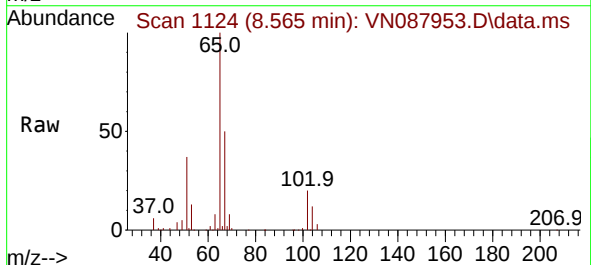
Tgt Ion: 84 Resp: 2613
Ion Ratio Lower Upper
84 100
49 108.7 92.1 138.1
51 38.1 27.7 41.5
86 54.2 49.6 74.4

Manual Integrations
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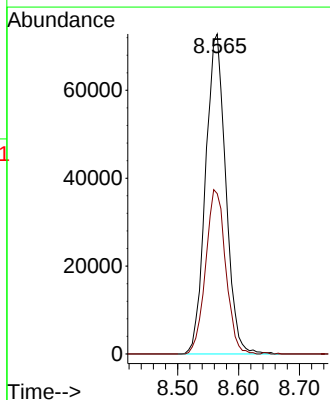
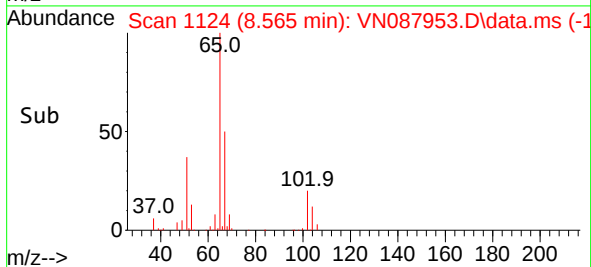
Reviewed By :John Carlone 09/26/2025
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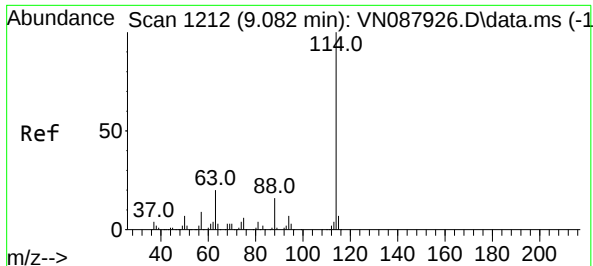


#33
1,2-Dichloroethane-d4
Concen: 54.063 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087953.D
Acq: 25 Sep 2025 14:41



Tgt Ion: 65 Resp: 167402
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN087953.D

Acq: 25 Sep 2025 14:41

Instrument :

MSVOA_N

ClientSampleId :

EME-TS12-01

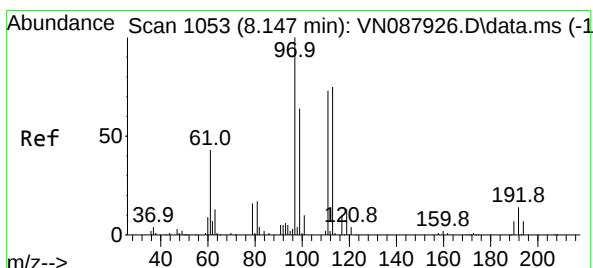
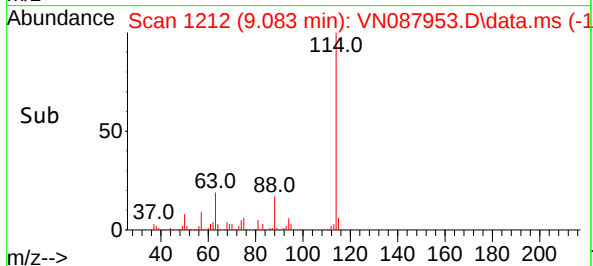
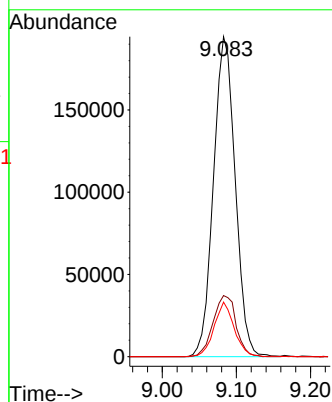
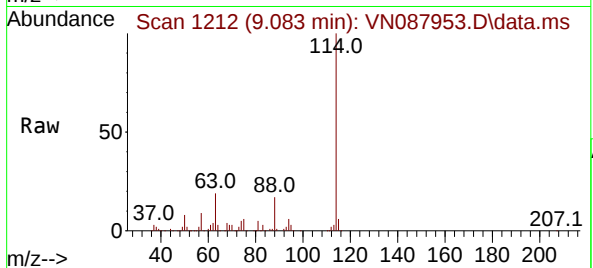
Tgt Ion:	114	Resp:	39665
Ion Ratio	Lower	Upper	
114	100		
63	19.1	0.0	40.0
88	17.1	0.0	31.8

Manual Integrations

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#35

Dibromofluoromethane

Concen: 48.864 ug/l

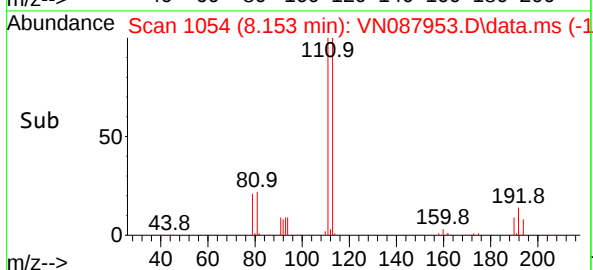
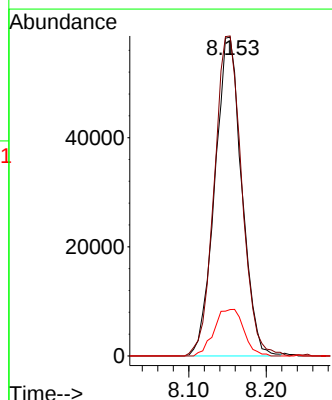
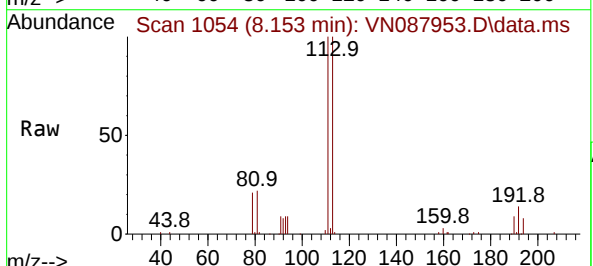
RT: 8.153 min Scan# 1054

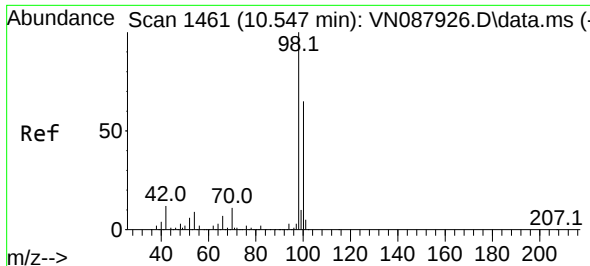
Delta R.T. 0.006 min

Lab File: VN087953.D

Acq: 25 Sep 2025 14:41

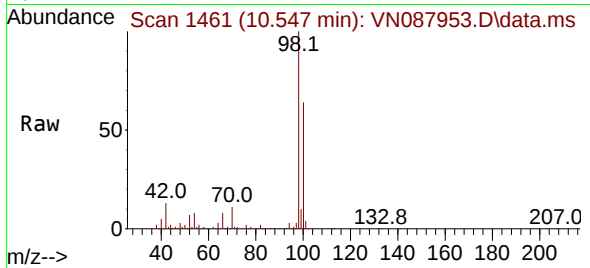
Tgt Ion:	113	Resp:	140726
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.2	123.2
192	16.1	14.2	21.2





#50
Toluene-d8
Concen: 46.094 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087953.D
Acq: 25 Sep 2025 14:41

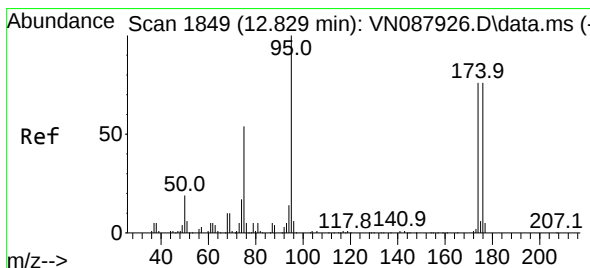
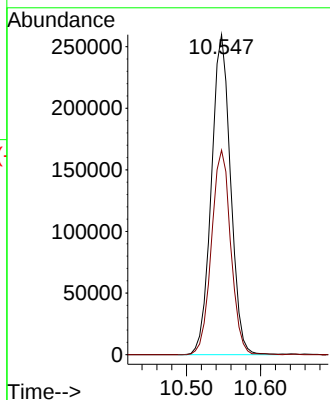
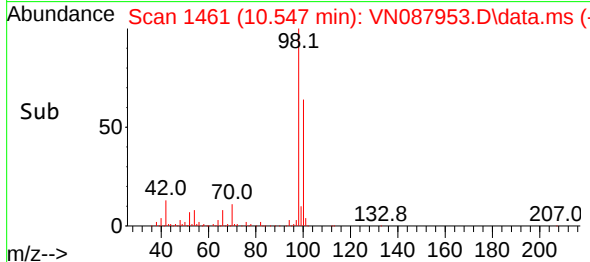
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 466820
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

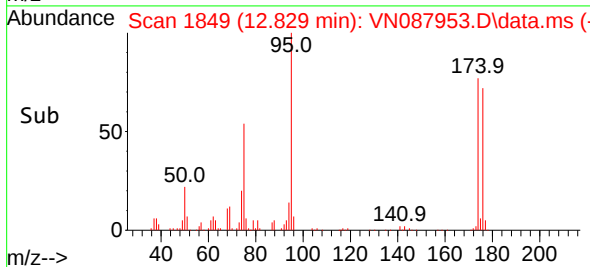
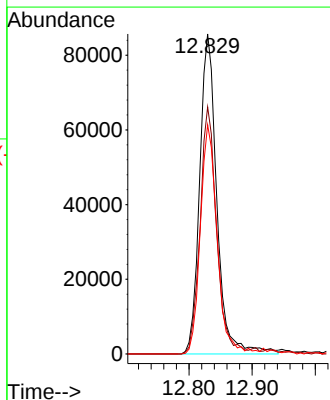
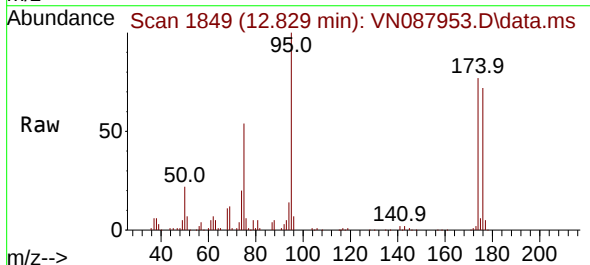
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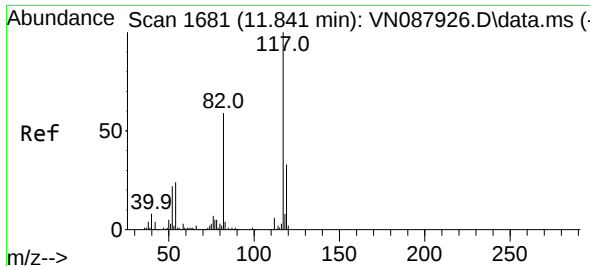
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#62
4-Bromofluorobenzene
Concen: 44.822 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087953.D
Acq: 25 Sep 2025 14:41

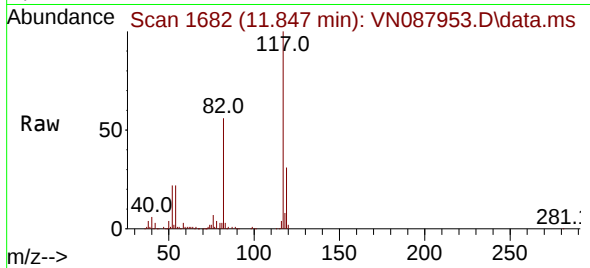
Tgt Ion: 95 Resp: 162259
Ion Ratio Lower Upper
95 100
174 74.1 0.0 159.2
176 70.2 0.0 152.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087953.D
Acq: 25 Sep 2025 14:41

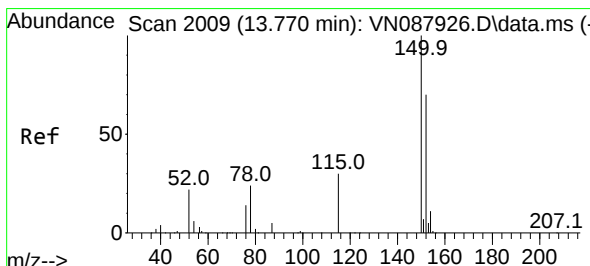
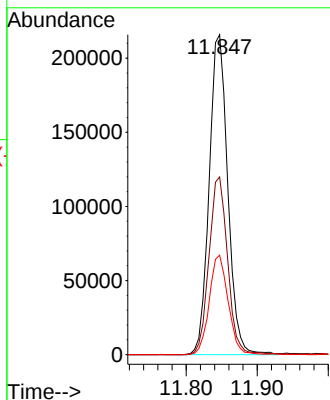
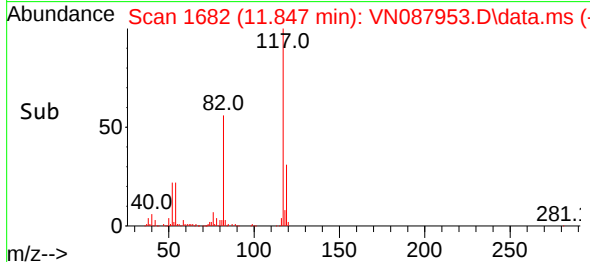
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ClientSampleId :
EME-TS12-01



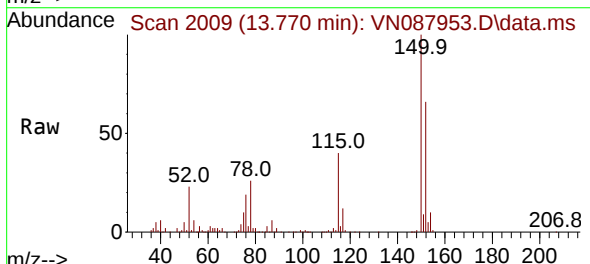
Tgt Ion:117 Resp: 392483
Ion Ratio Lower Upper
117 100
82 55.6 47.0 70.4
119 31.1 26.1 39.1

Manual Integrations
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Supervised By :Mahesh Dadoda 09/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087953.D
Acq: 25 Sep 2025 14:41



Tgt Ion:152 Resp: 179435
Ion Ratio Lower Upper
152 100
115 62.3 29.9 89.7
150 161.4 0.0 335.0

