

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087255.D
 Acq On : 01 Jul 2025 12:18
 Operator : JC\MD
 Sample : Q2452-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP-2

Quant Time: Jul 02 02:01:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	187733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	355990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	344628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162807	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	132941	56.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.840%			
35) Dibromofluoromethane	8.171	113	117875	51.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.420%			
50) Toluene-d8	10.571	98	440214	49.547	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.847	95	152551	48.256	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.520%			
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	32011	35.536	ug/l	95
18) Methyl Acetate	5.048	43	16407	7.956	ug/l	99
20) Methylene Chloride	5.306	84	11378m	5.702	ug/l	
25) 2-Butanone	7.512	43	11163	7.930	ug/l #	88
37) Ethyl Acetate	7.583	43	11375	3.414	ug/l #	86
43) Isopropyl Acetate	8.688	43	7179	1.389	ug/l #	93

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

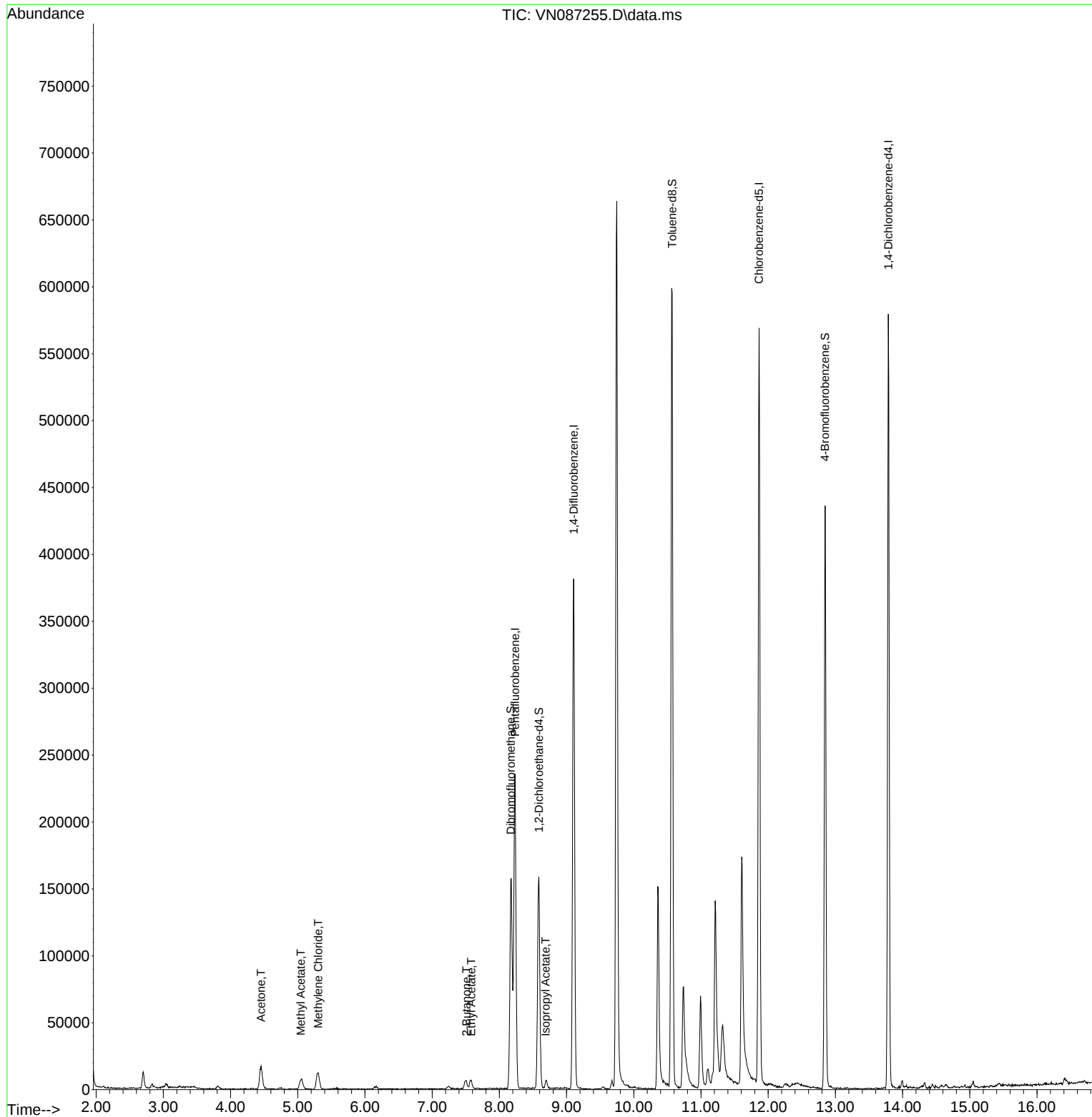
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
Data File : VN087255.D
Acq On : 01 Jul 2025 12:18
Operator : JC\MD
Sample : Q2452-08
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

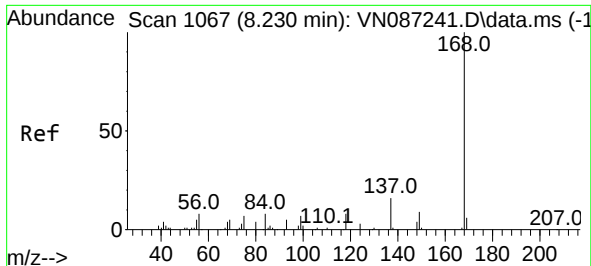
Instrument :
MSVOA_N
ClientSampleId :
EP-2

Quant Time: Jul 02 02:01:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

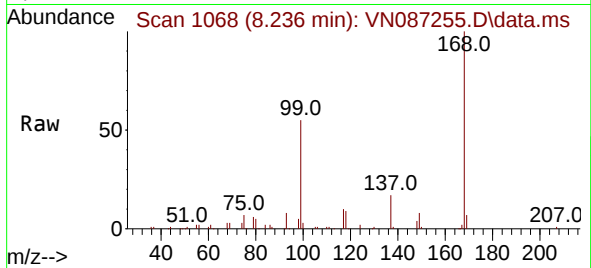
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

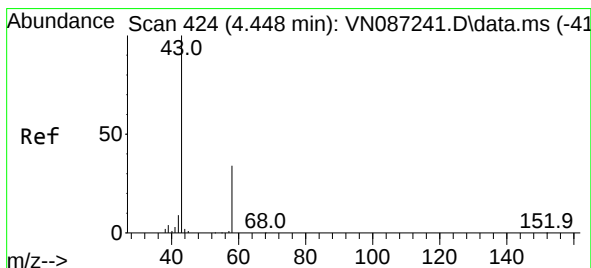
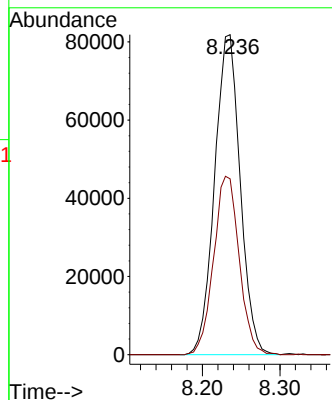
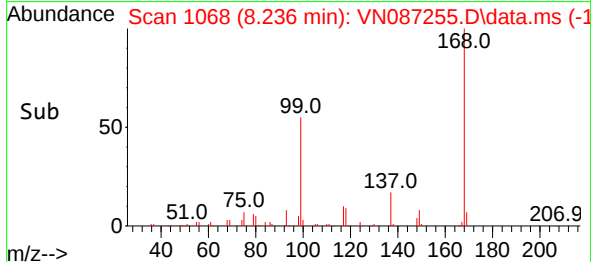
Instrument :
MSVOA_N
ClientSampleId :
EP-2



Tgt Ion:168 Resp: 18773
Ion Ratio Lower Upper
168 100
99 55.0 42.6 64.0

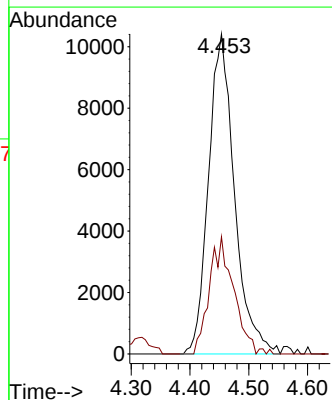
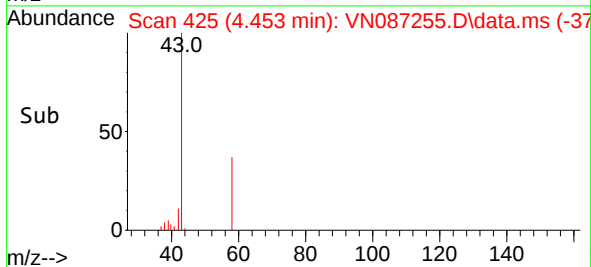
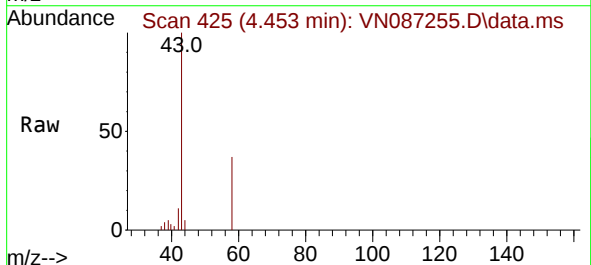
Manual Integrations
APPROVED

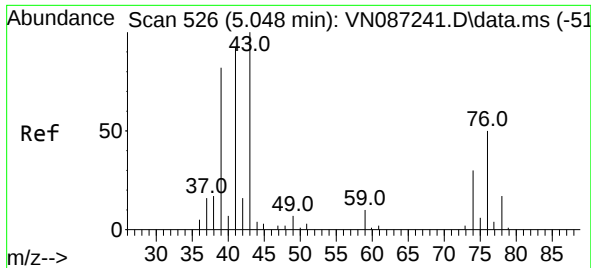
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#16
Acetone
Concen: 35.536 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

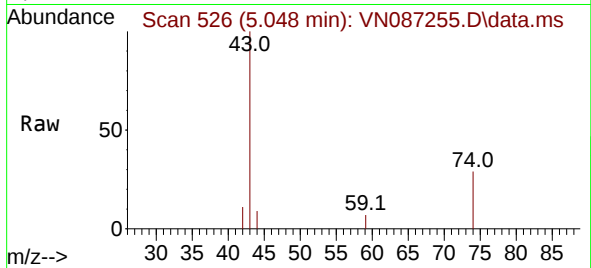
Tgt Ion: 43 Resp: 32011
Ion Ratio Lower Upper
43 100
58 36.6 27.1 40.7





#18
Methyl Acetate
Concen: 7.956 ug/l
RT: 5.048 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

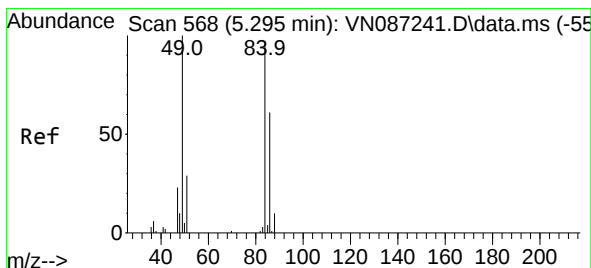
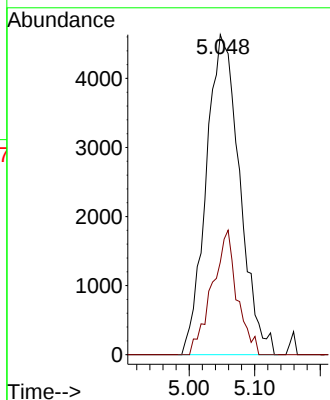
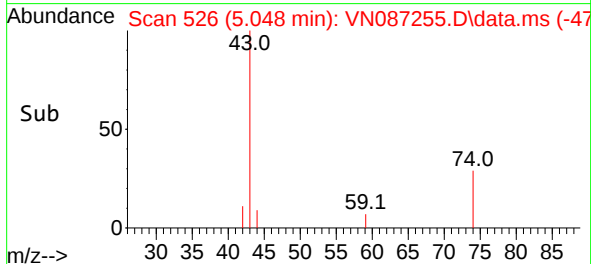
Instrument :
MSVOA_N
ClientSampleId :
EP-2



Tgt Ion: 43 Resp: 1640
Ion Ratio Lower Upper
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74 29.0 23.8 35.6

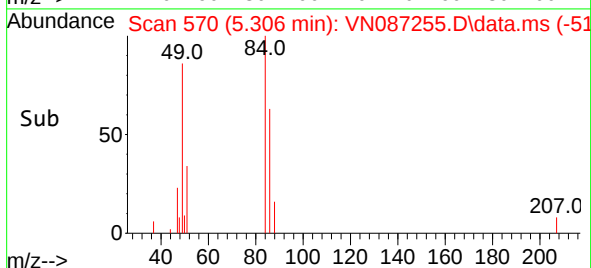
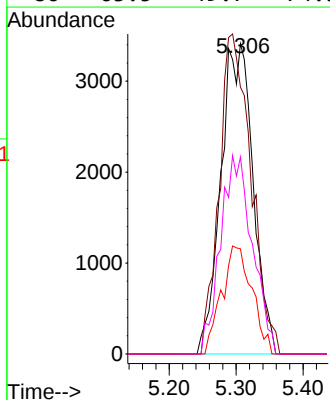
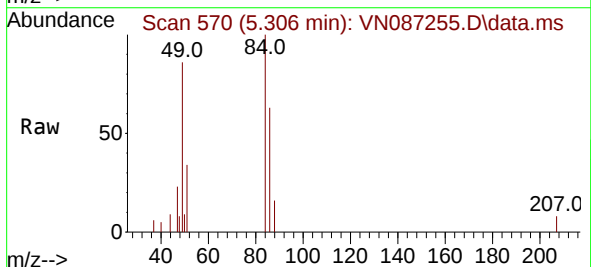
Manual Integrations
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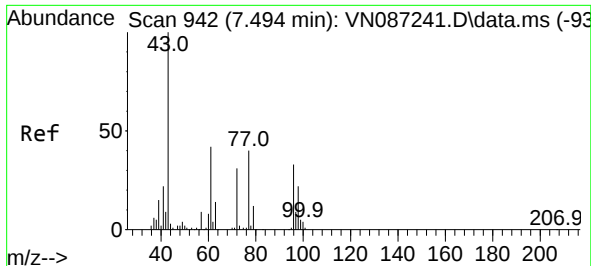
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#20
Methylene Chloride
Concen: 5.702 ug/l m
RT: 5.306 min Scan# 570
Delta R.T. 0.012 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

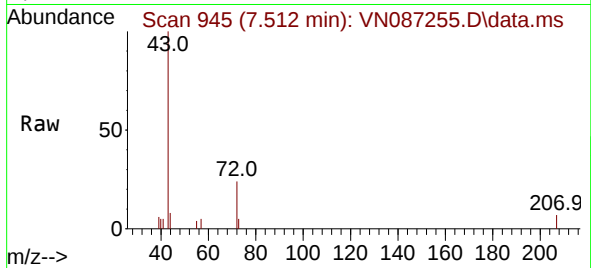
Tgt Ion: 84 Resp: 11378
Ion Ratio Lower Upper
84 100
49 86.0 82.1 123.1
51 33.9 23.5 35.3
86 63.5 49.7 74.5





#25
2-Butanone
Concen: 7.930 ug/l
RT: 7.512 min Scan# 945
Delta R.T. 0.018 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

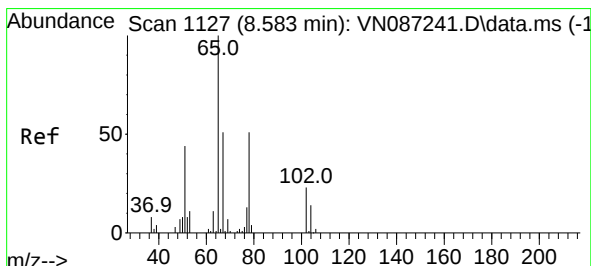
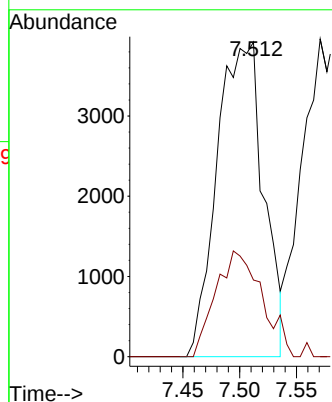
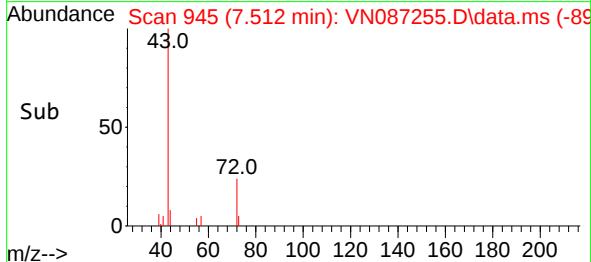
Instrument :
MSVOA_N
ClientSampleId :
EP-2



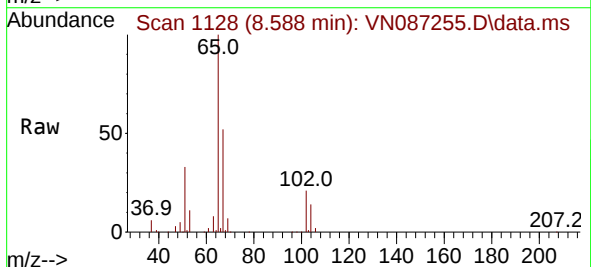
Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
72 24.3 24.8 37.2

Manual Integrations
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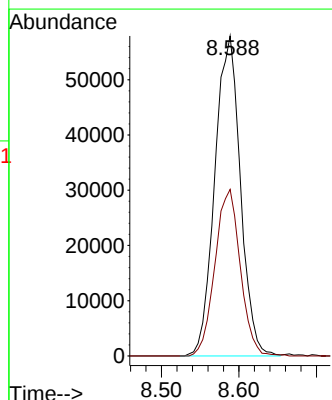
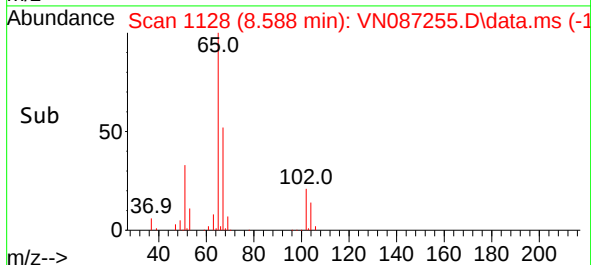
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

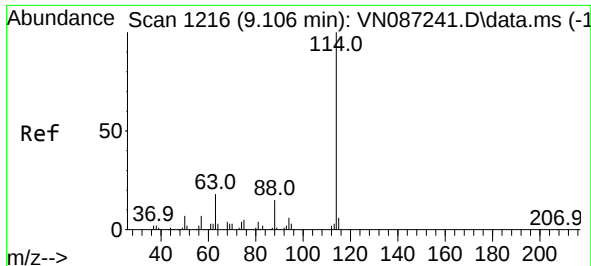


#33
1,2-Dichloroethane-d4
Concen: 56.423 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18



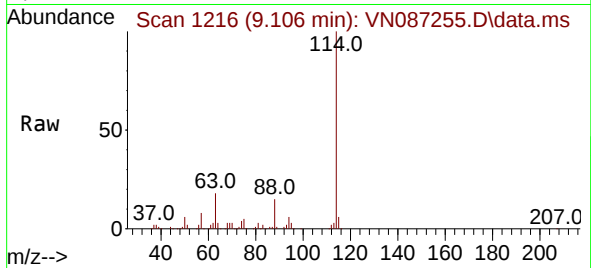
Tgt Ion: 65 Resp: 132941
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.6





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

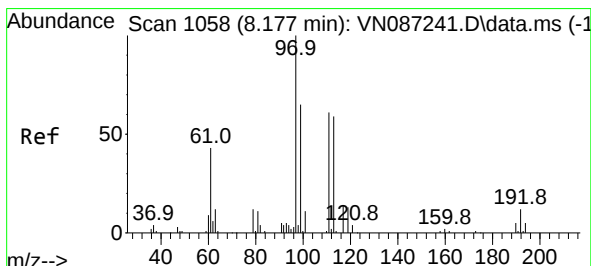
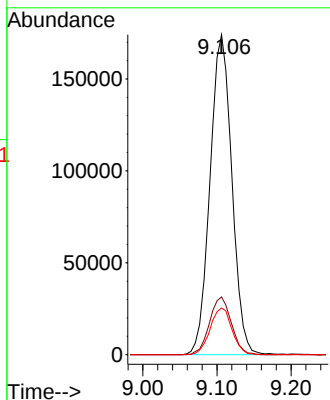
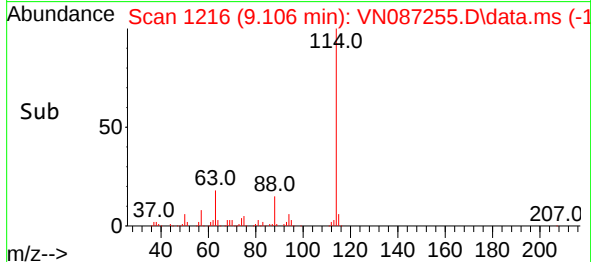
Instrument :
MSVOA_N
ClientSampleId :
EP-2



Tgt Ion:114 Resp: 355990
Ion Ratio Lower Upper
114 100
63 18.0 0.0 36.6
88 14.6 0.0 29.6

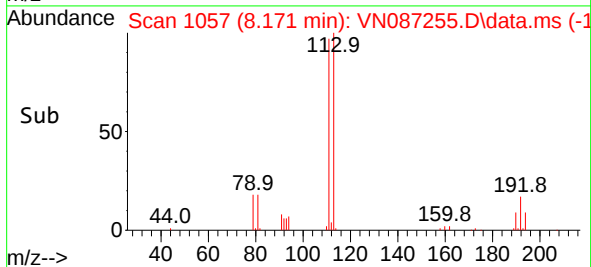
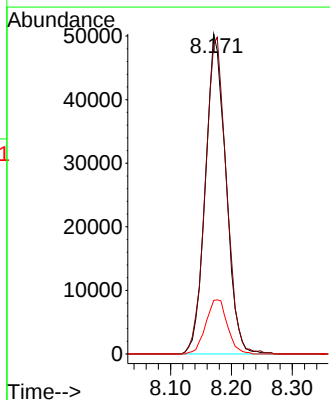
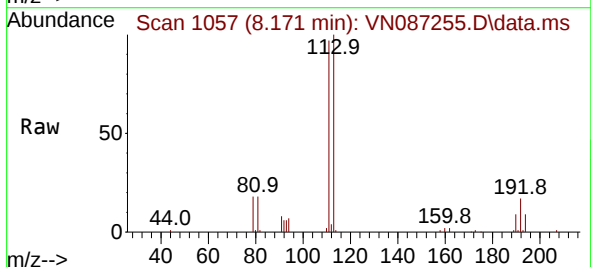
Manual Integrations
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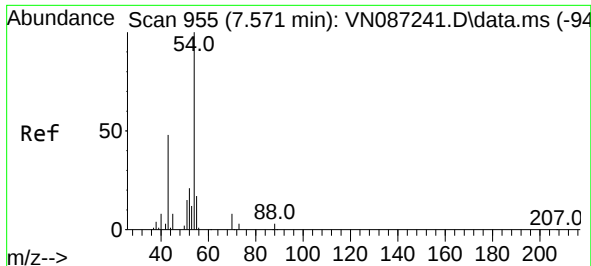
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#35
Dibromofluoromethane
Concen: 51.713 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

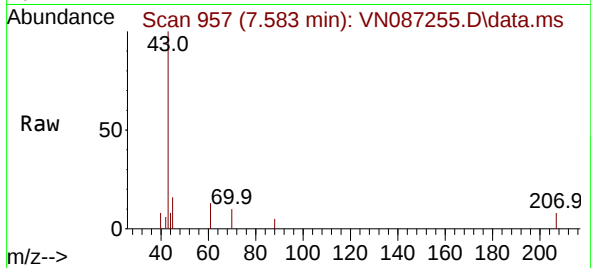
Tgt Ion:113 Resp: 117875
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.2
192 17.8 15.1 22.7





#37
Ethyl Acetate
Concen: 3.414 ug/l
RT: 7.583 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

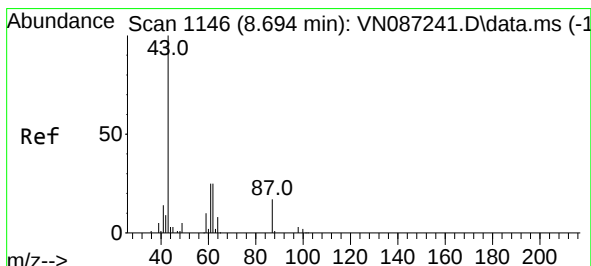
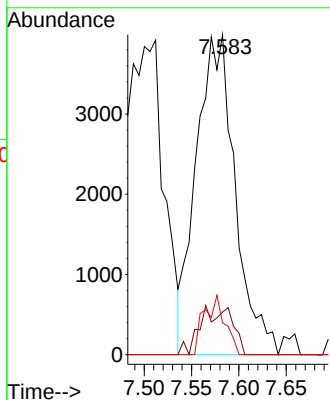
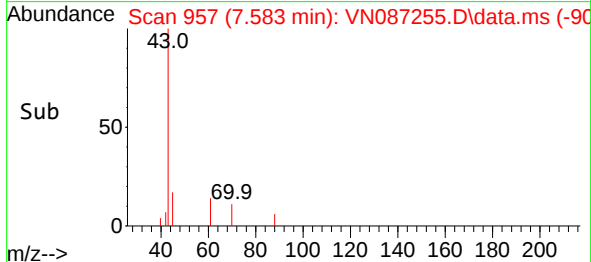
Instrument :
MSVOA_N
ClientSampleId :
EP-2



Tgt Ion: 43 Resp: 11379
Ion Ratio Lower Upper
43 100
61 5.6 11.3 16.9#
70 10.0 9.9 14.9

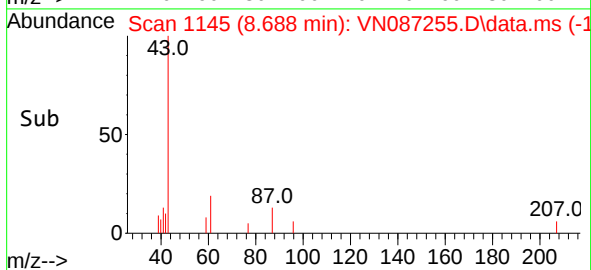
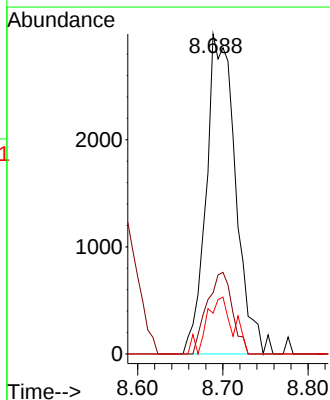
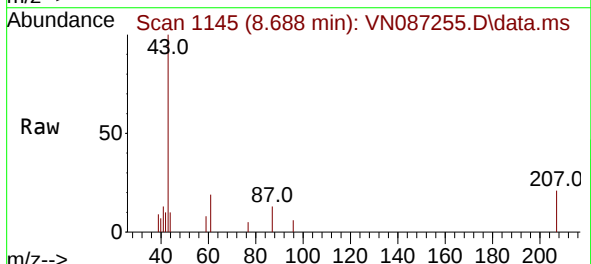
Manual Integrations
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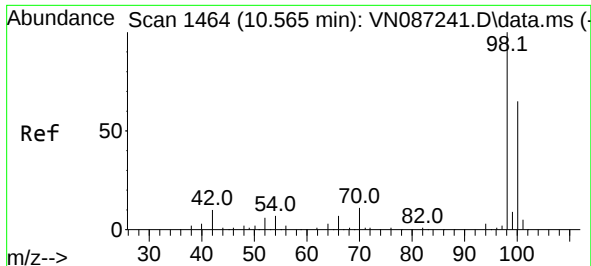
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#43
Isopropyl Acetate
Concen: 1.389 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

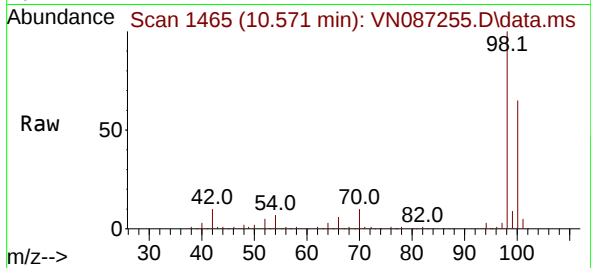
Tgt Ion: 43 Resp: 7179
Ion Ratio Lower Upper
43 100
61 22.0 22.4 33.6#
87 15.8 12.8 19.2





#50
Toluene-d8
Concen: 49.547 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

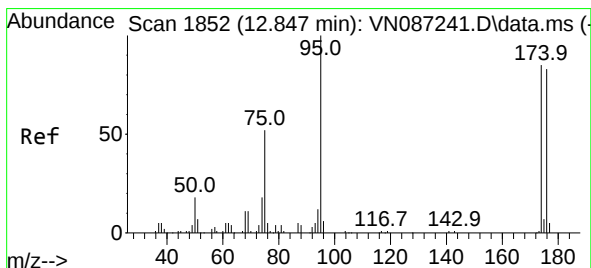
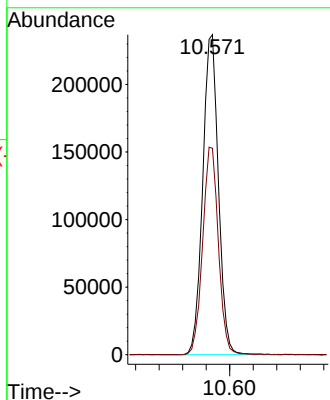
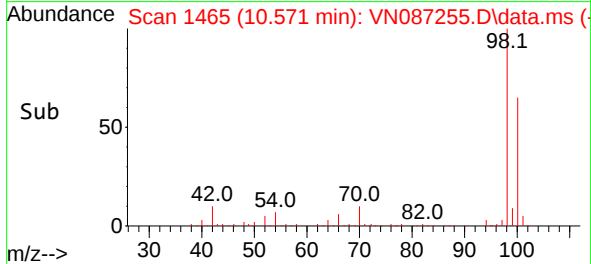
Instrument :
MSVOA_N
ClientSampleId :
EP-2



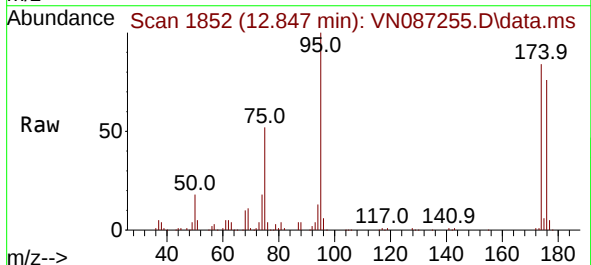
Tgt Ion: 98 Resp: 440214
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

Manual Integrations
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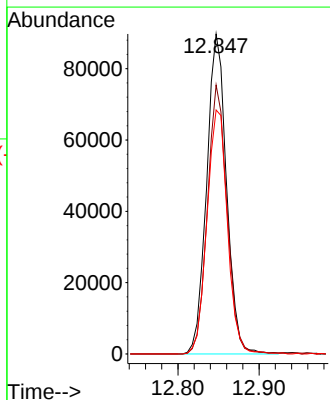
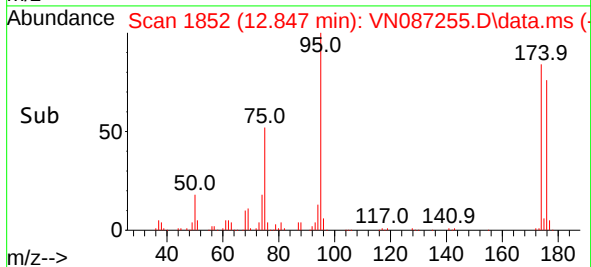
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

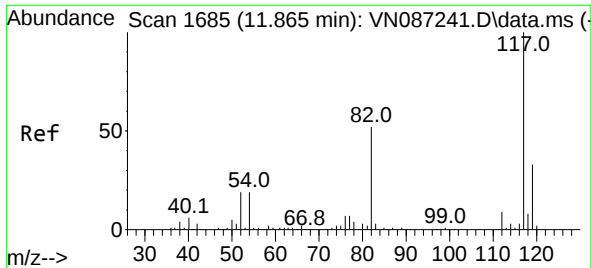


#62
4-Bromofluorobenzene
Concen: 48.256 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18



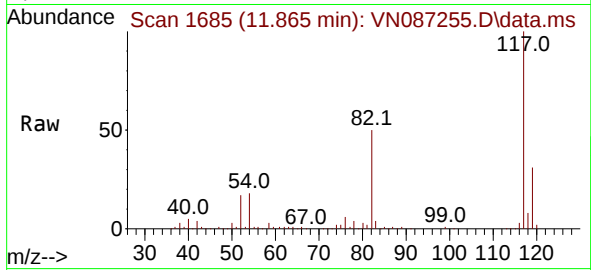
Tgt Ion: 95 Resp: 152551
Ion Ratio Lower Upper
95 100
174 83.3 0.0 169.6
176 78.6 0.0 161.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18

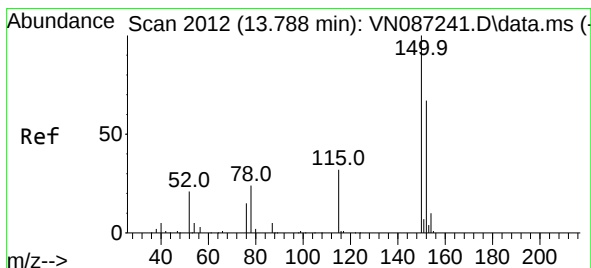
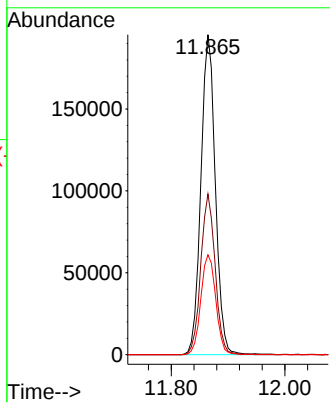
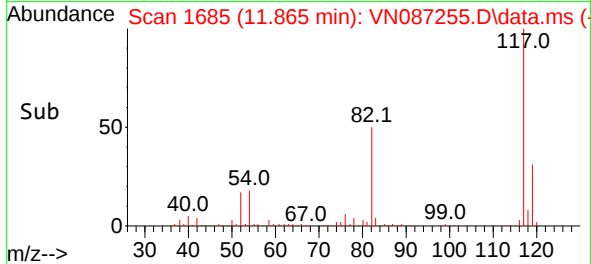
Instrument :
MSVOA_N
ClientSampleId :
EP-2



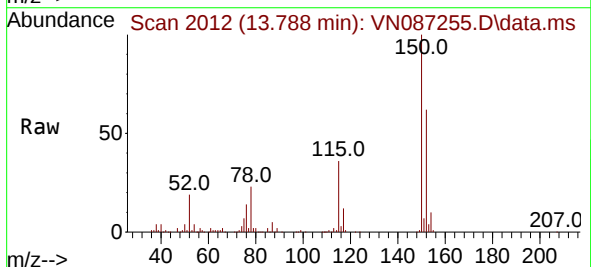
Tgt Ion:117 Resp: 344628
Ion Ratio Lower Upper
117 100
82 50.2 41.9 62.9
119 31.2 26.2 39.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087255.D
Acq: 01 Jul 2025 12:18



Tgt Ion:152 Resp: 162807
Ion Ratio Lower Upper
152 100
115 59.0 28.3 84.9
150 159.1 0.0 344.6

