

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088482.D
 Acq On : 09 Dec 2025 16:23
 Operator : JC\MD
 Sample : PB170858TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB170858TB

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2025
 Supervised By : Mahesh Dadoda 12/11/2025

Quant Time: Dec 10 05:09:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	270850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	645745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	659631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.764	152	304382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	307378	60.243	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.480%			
35) Dibromofluoromethane	8.147	113	210582	47.058	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.120%			
50) Toluene-d8	10.541	98	764993	45.944	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.880%			
62) 4-Bromofluorobenzene	12.823	95	313349	54.848	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.700%			
Target Compounds					Qvalue	
16) Acetone	4.424	43	85515	46.343	ug/l	100
18) Methyl Acetate	5.024	43	7993	1.455	ug/l #	74
20) Methylene Chloride	5.259	84	19216m	4.867	ug/l	
25) 2-Butanone	7.465	43	33195	11.190	ug/l #	87
43) Isopropyl Acetate	8.671	43	32121	2.315	ug/l #	91

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

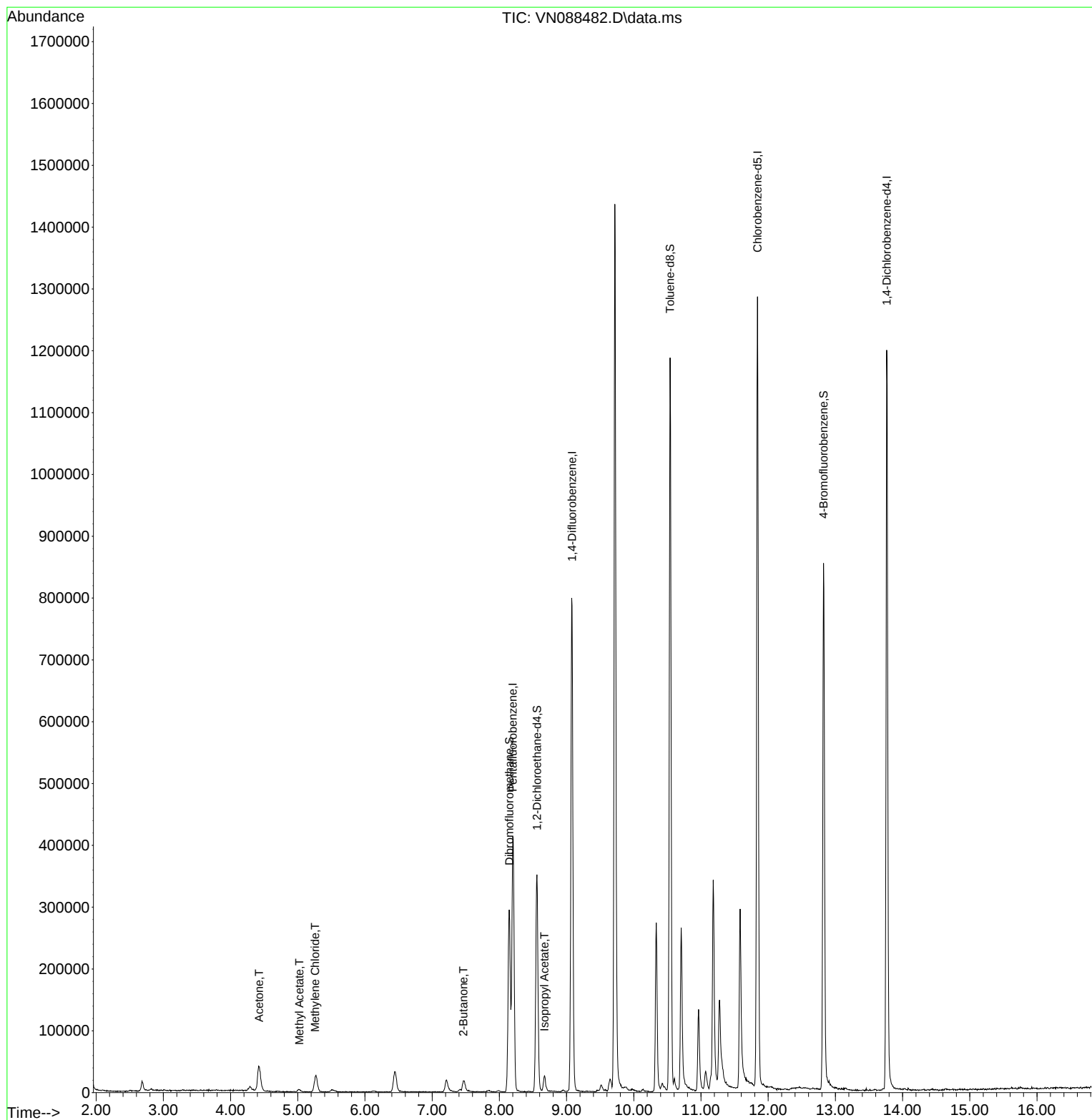
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
Data File : VN088482.D
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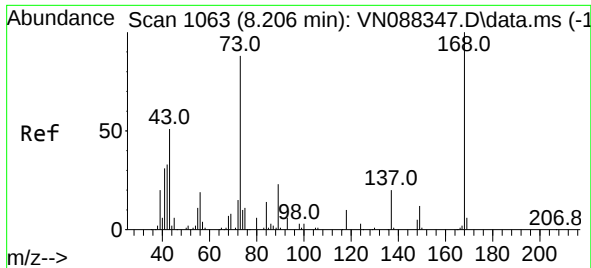
Instrument :
MSVOA_N
ClientSampleId :
PB170858TB

Quant Time: Dec 10 05:09:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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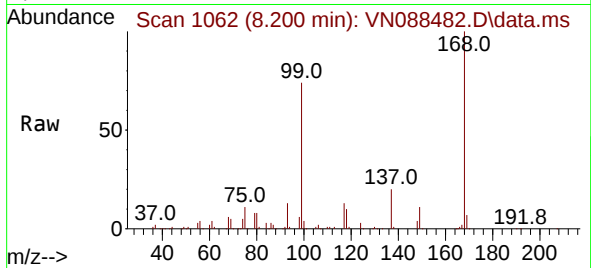
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23

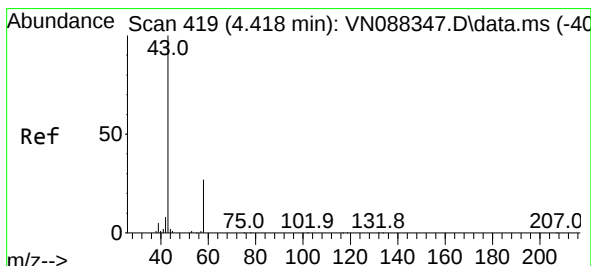
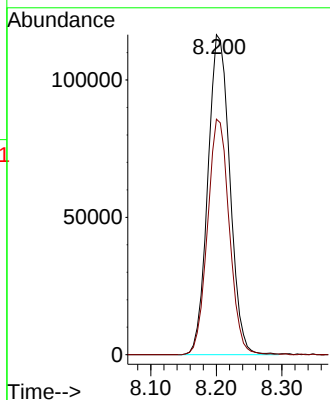
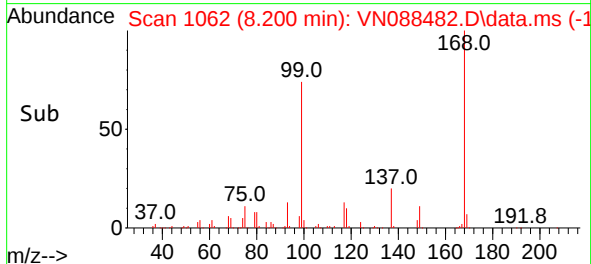
Instrument :
MSVOA_N
ClientSampleId :
PB170858TB



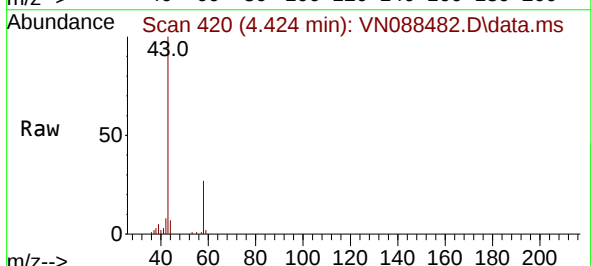
Tgt Ion:168 Resp: 270850
Ion Ratio Lower Upper
168 100
99 73.6 57.1 85.7

Manual Integrations
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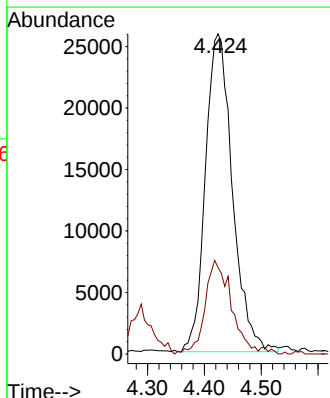
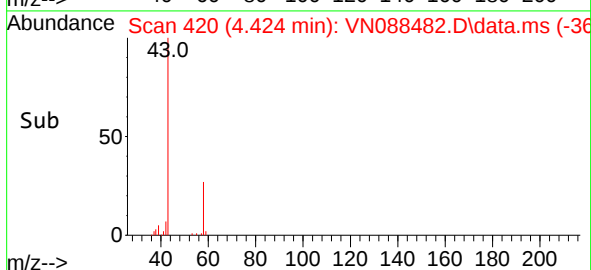
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025

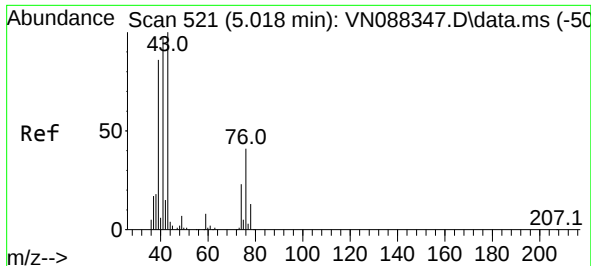


#16
Acetone
Concen: 46.343 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23



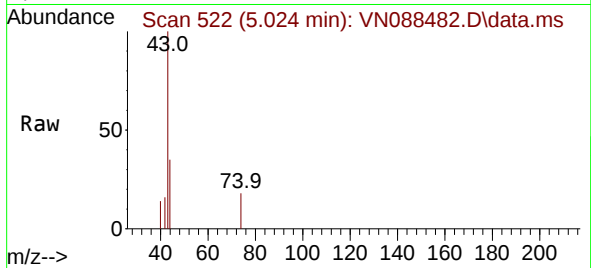
Tgt Ion: 43 Resp: 85515
Ion Ratio Lower Upper
43 100
58 27.2 21.7 32.5





#18
Methyl Acetate
Concen: 1.455 ug/l
RT: 5.024 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23

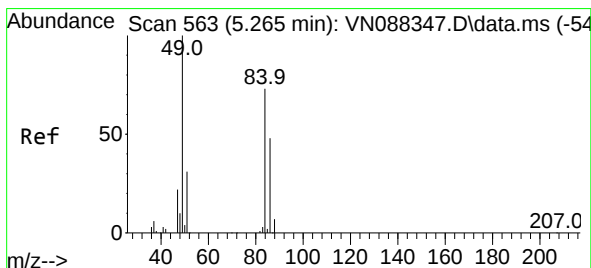
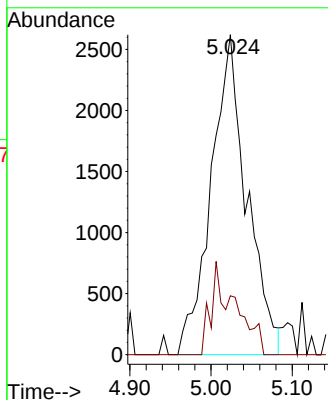
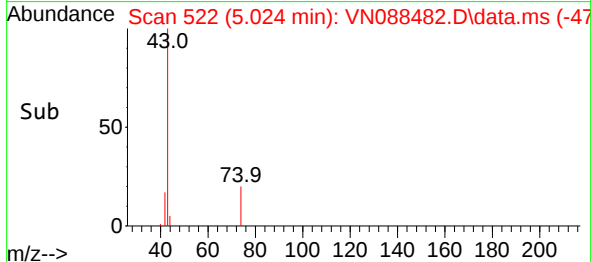
Instrument :
MSVOA_N
ClientSampleId :
PB170858TB



Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
74 9.7 17.9 26.9

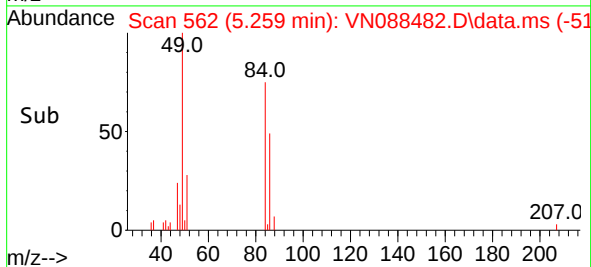
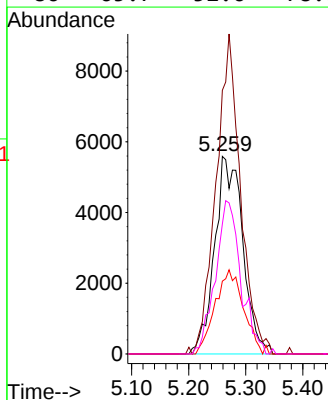
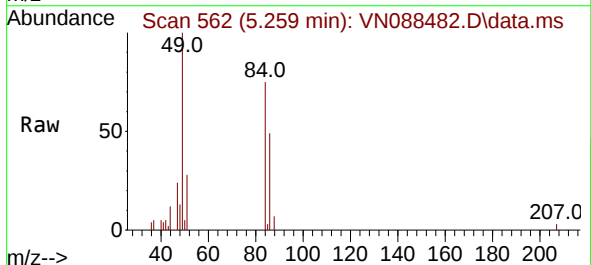
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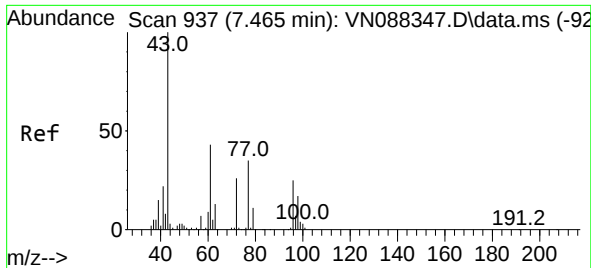
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#20
Methylene Chloride
Concen: 4.867 ug/l m
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23

Tgt Ion: 84 Resp: 19216
Ion Ratio Lower Upper
84 100
49 133.4 110.2 165.2
51 36.9 34.1 51.1
86 65.7 52.6 78.8





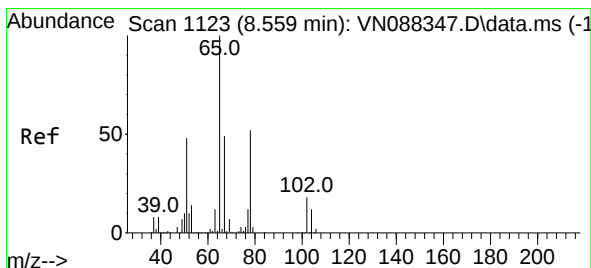
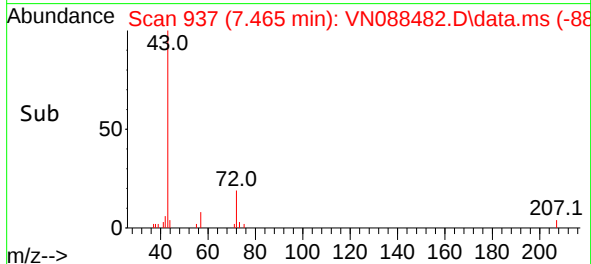
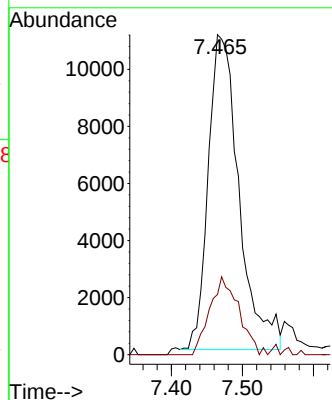
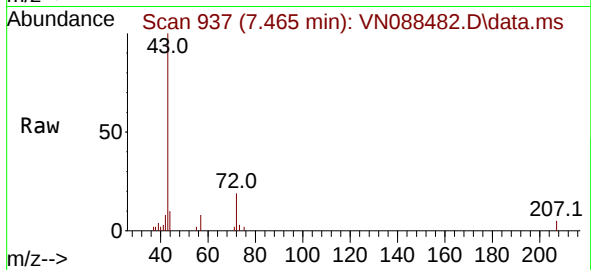
#25
2-Butanone
Concen: 11.190 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB170858TB

Tgt Ion: 43 Resp: 3319
Ion Ratio Lower Upper
43 100
72 19.1 20.5 30.7

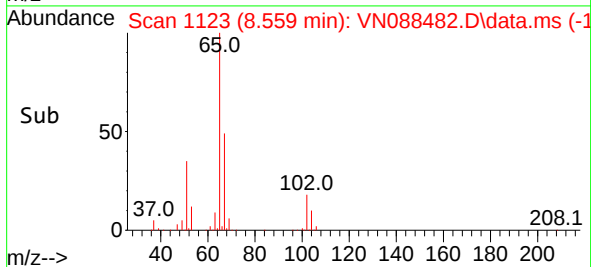
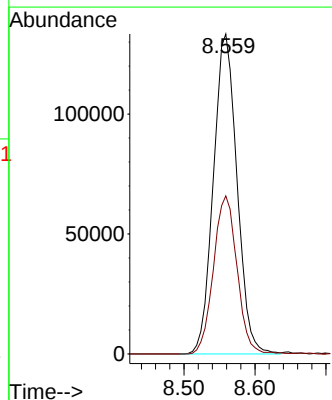
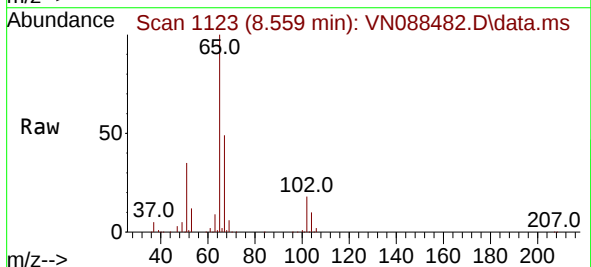
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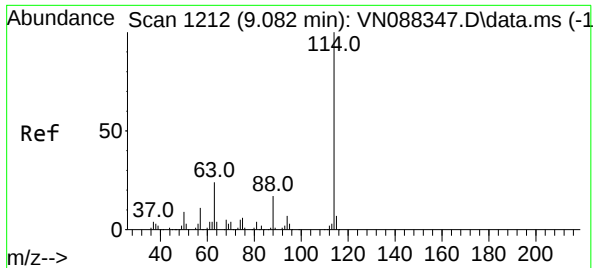
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#33
1,2-Dichloroethane-d4
Concen: 60.243 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23

Tgt Ion: 65 Resp: 307378
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8





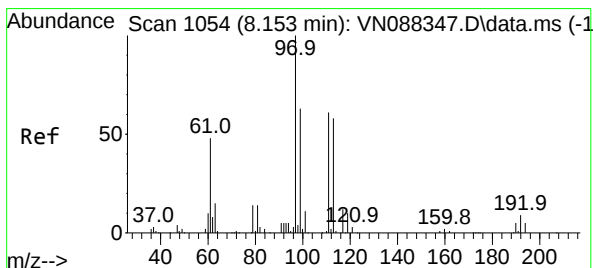
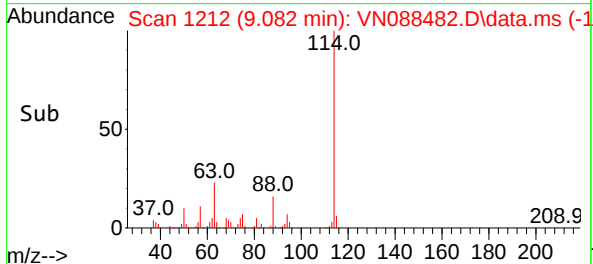
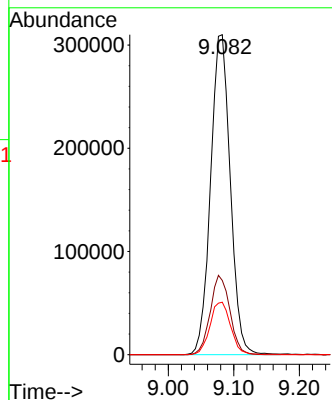
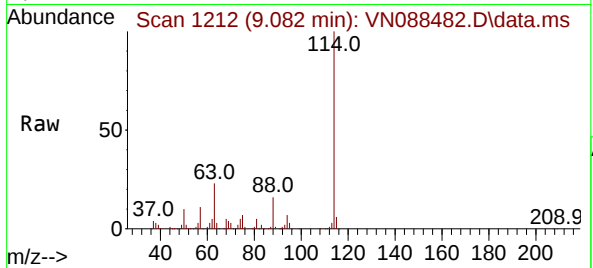
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB170858TB

Tgt Ion:114 Resp: 64574
Ion Ratio Lower Upper
114 100
63 23.2 0.0 49.0
88 16.4 0.0 34.0

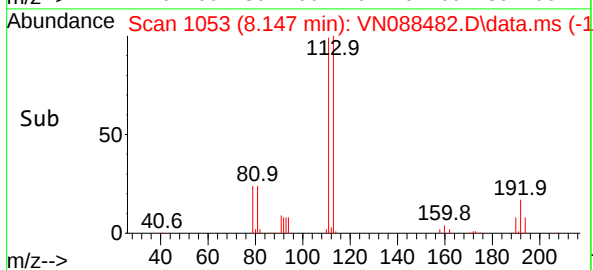
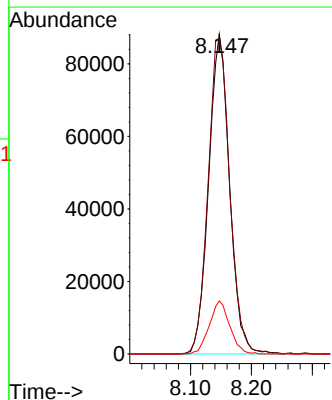
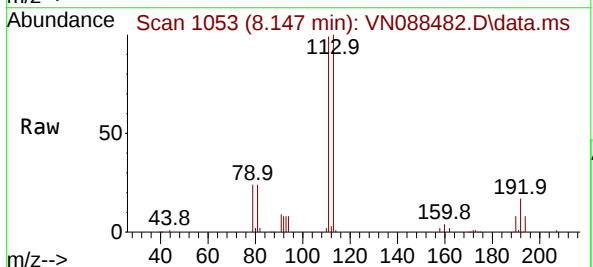
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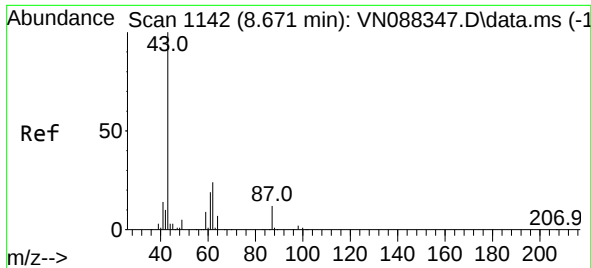
Reviewed By :John Carlone 12/10/2025
Supervised By :Mahesh Dadoda 12/11/2025



#35
Dibromofluoromethane
Concen: 47.058 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23

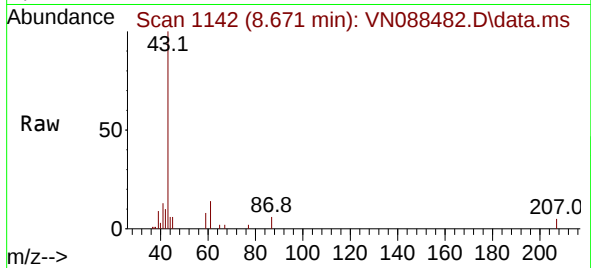
Tgt Ion:113 Resp: 210582
Ion Ratio Lower Upper
113 100
111 102.6 82.5 123.7
192 16.2 12.8 19.2





#43
Isopropyl Acetate
Concen: 2.315 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23

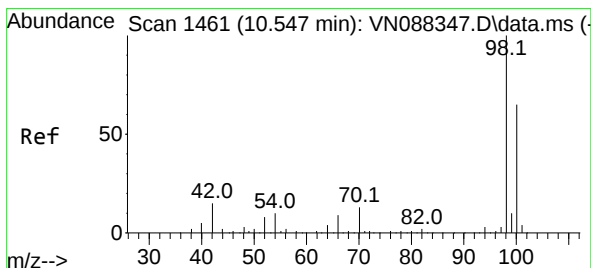
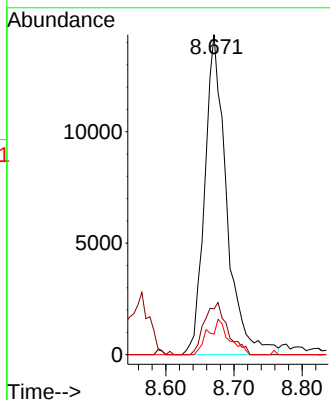
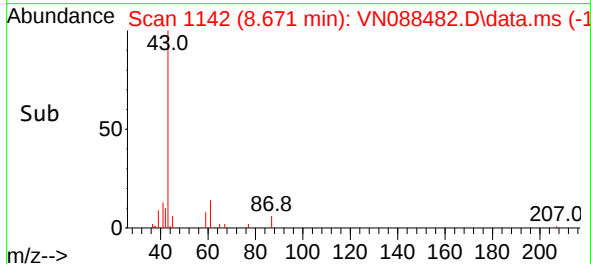
Instrument :
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PB170858TB



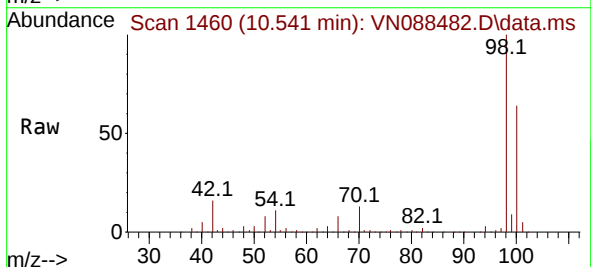
Tgt Ion: 43 Resp: 3212
Ion Ratio Lower Upper
43 100
61 17.2 18.7 28.1
87 10.6 9.1 13.7

Manual Integrations
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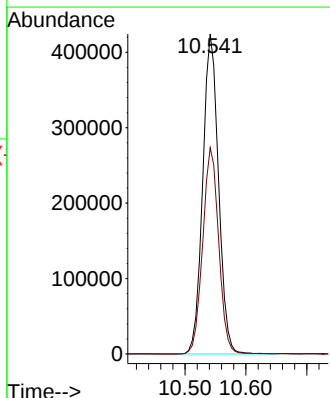
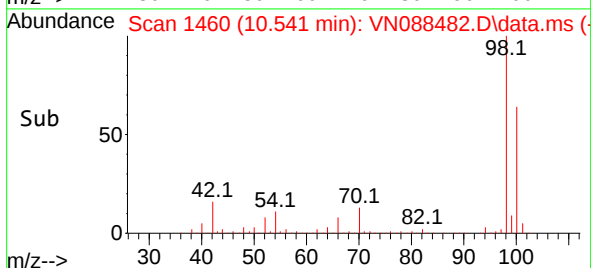
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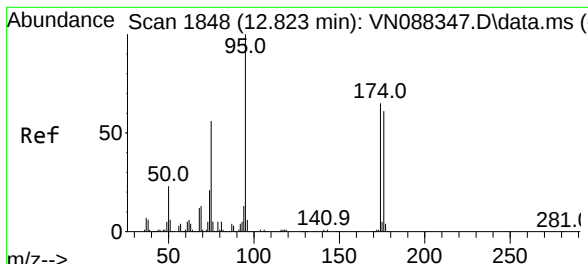


#50
Toluene-d8
Concen: 45.944 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088482.D
Acq: 09 Dec 2025 16:23



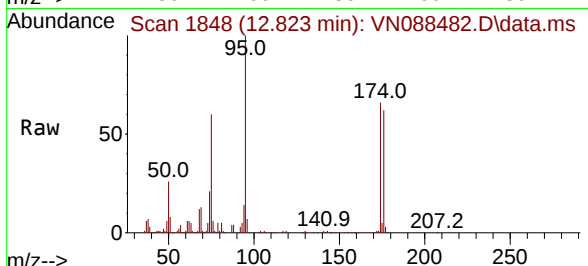
Tgt Ion: 98 Resp: 764993
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2





#62
 4-Bromofluorobenzene
 Concen: 54.848 ug/l
 RT: 12.823 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: VN088482.D
 Acq: 09 Dec 2025 16:23

Instrument : MSVOA_N
 ClientSampleId : PB170858TB

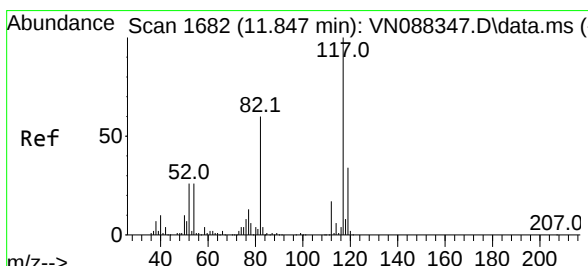
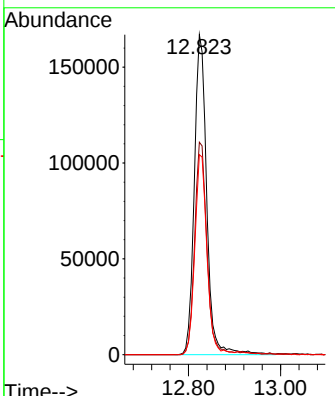
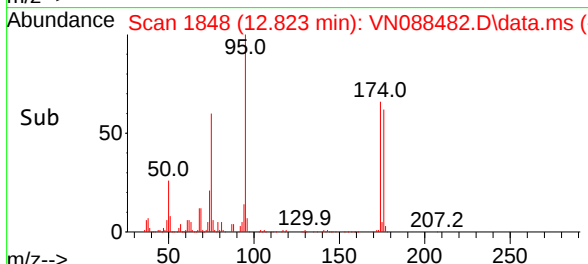


Tgt Ion: 95 Resp: 313349

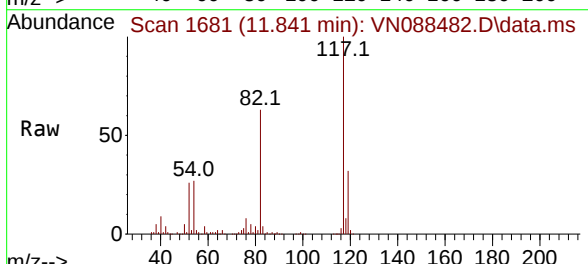
Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	139.0
176	61.3	0.0	132.4

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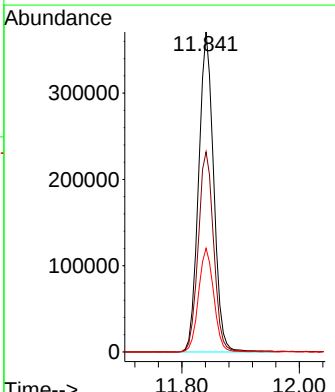
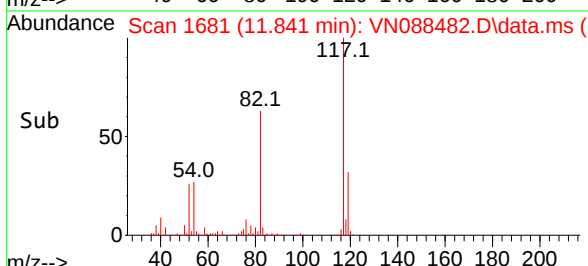


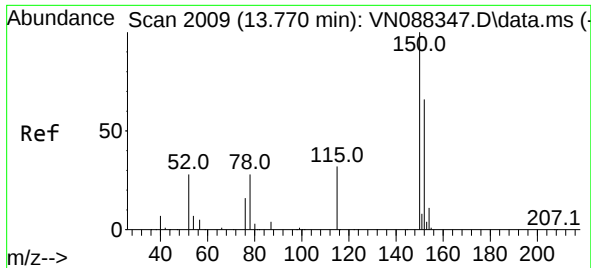
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.841 min Scan# 1681
 Delta R.T. -0.006 min
 Lab File: VN088482.D
 Acq: 09 Dec 2025 16:23



Tgt Ion: 117 Resp: 659631

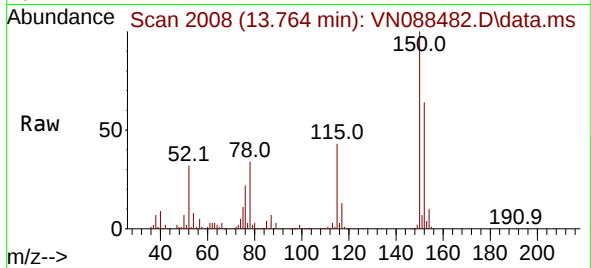
Ion	Ratio	Lower	Upper
117	100		
82	62.5	47.8	71.8
119	32.4	26.9	40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.764 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN088482.D
 Acq: 09 Dec 2025 16:23

Instrument :
 MSVOA_N
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 PB170858TB



Tgt Ion:152 Resp: 30438
 Ion Ratio Lower Upper
 152 100
 115 65.9 33.0 98.9
 150 156.1 0.0 349.0

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