

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088185.D
 Acq On : 31 Oct 2025 14:00
 Operator : JC\MD
 Sample : Q3447-05
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-TW3-251023-01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

Quant Time: Nov 01 00:33:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	274616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	633049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	586791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	297155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	307963	64.852	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.700%#			
35) Dibromofluoromethane	8.147	113	214505	50.438	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.880%			
50) Toluene-d8	10.541	98	829166	50.599	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.200%			
62) 4-Bromofluorobenzene	12.829	95	307374	53.112	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.220%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	54163	22.703	ug/l	95
18) Methyl Acetate	5.018	43	69936	14.319	ug/l	99
25) 2-Butanone	7.488	43	18114m	5.762	ug/l	
40) Benzene	8.582	78	34991	1.850	ug/l	100
52) Toluene	10.606	92	119407	10.241	ug/l	100
67) Ethyl Benzene	11.941	91	55323	2.365	ug/l	99
86) p-Isopropyltoluene	13.706	119	52660	2.628	ug/l	92

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

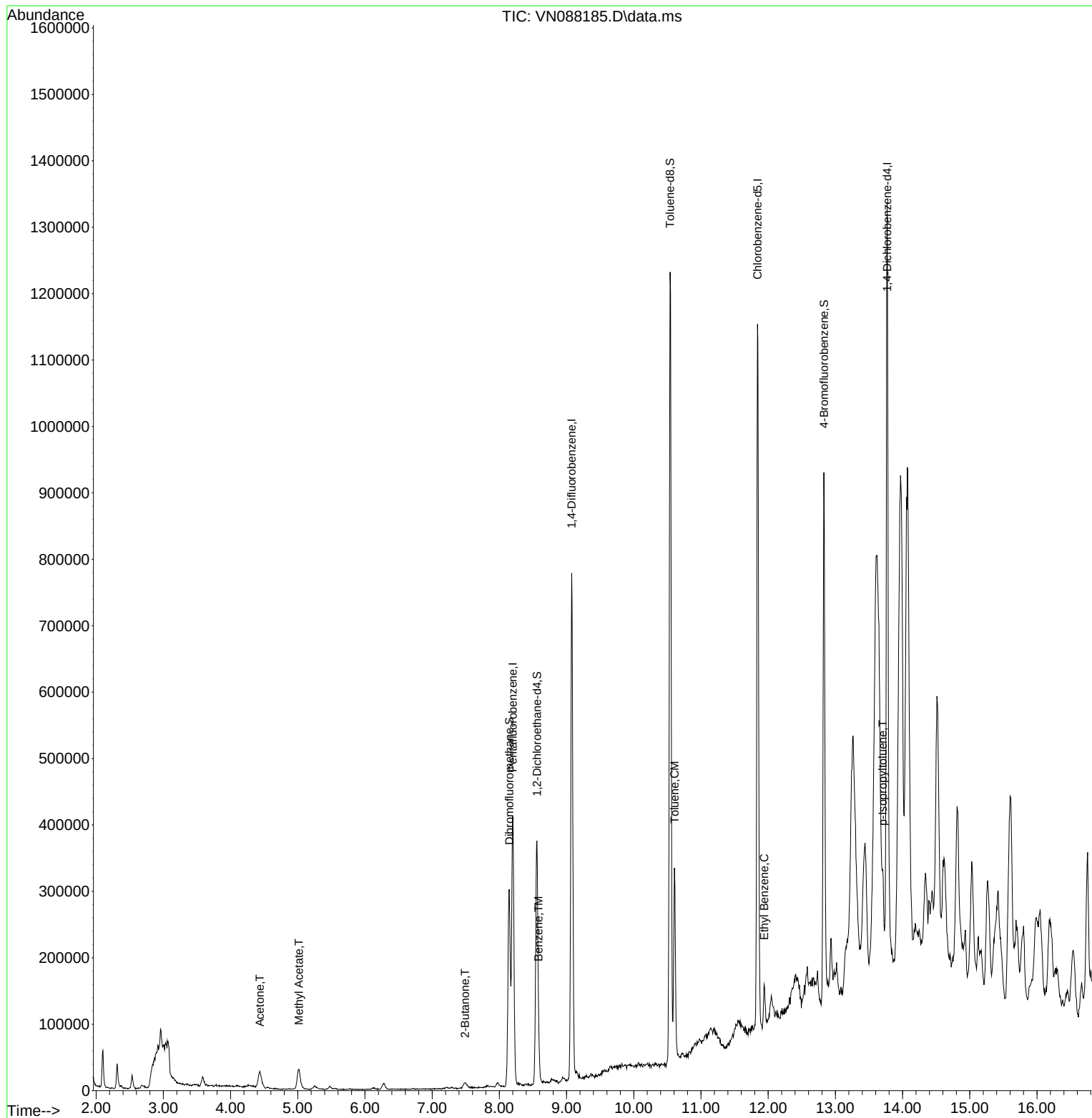
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088185.D
Acq On : 31 Oct 2025 14:00
Operator : JC\MD
Sample : Q3447-05
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 14 Sample Multiplier: 1

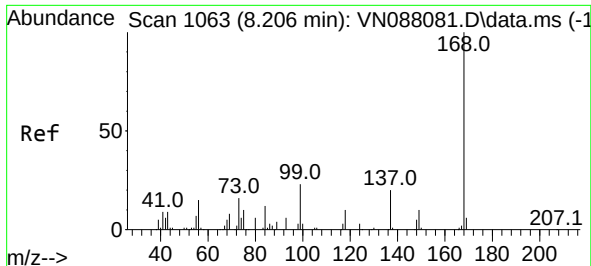
Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01

Quant Time: Nov 01 00:33:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

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APPROVED

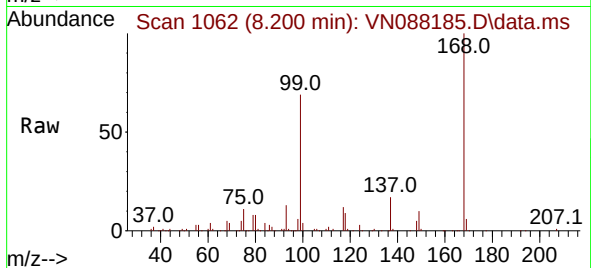
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

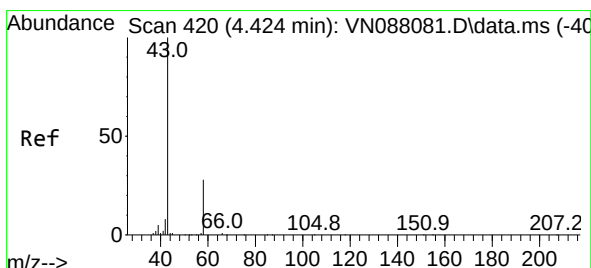
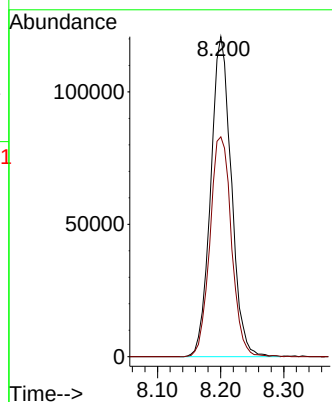
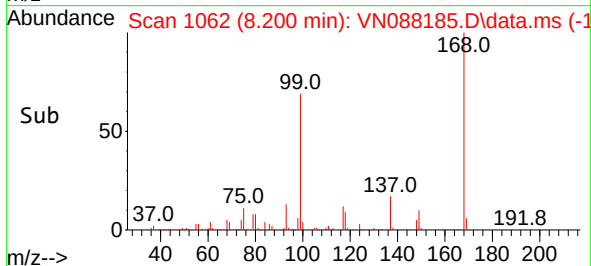
Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01



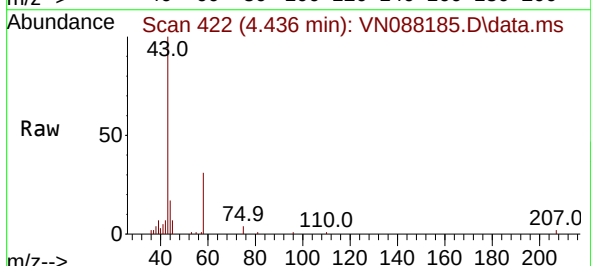
Tgt Ion:168 Resp: 274610
Ion Ratio Lower Upper
168 100
99 68.7 57.2 85.8

Manual Integrations
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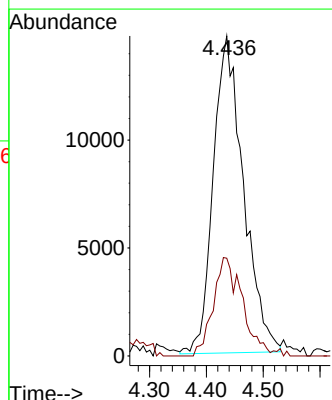
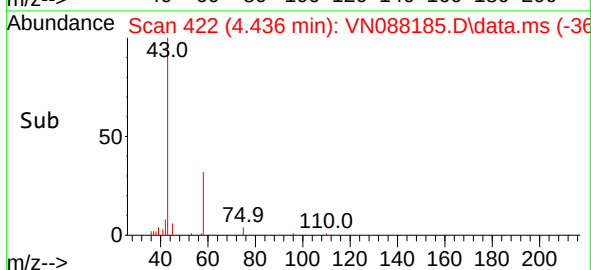
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

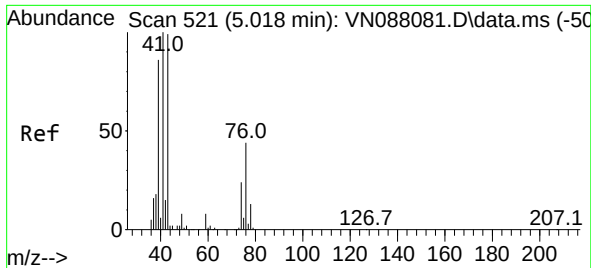


#16
Acetone
Concen: 22.703 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00



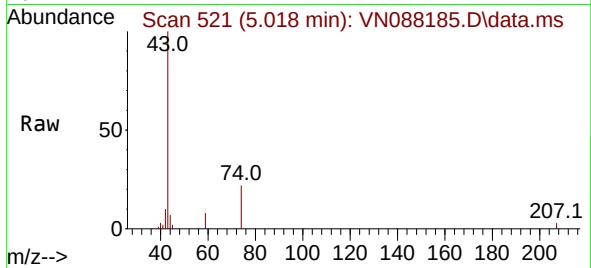
Tgt Ion: 43 Resp: 54163
Ion Ratio Lower Upper
43 100
58 31.0 22.6 33.8





#18
Methyl Acetate
Concen: 14.319 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

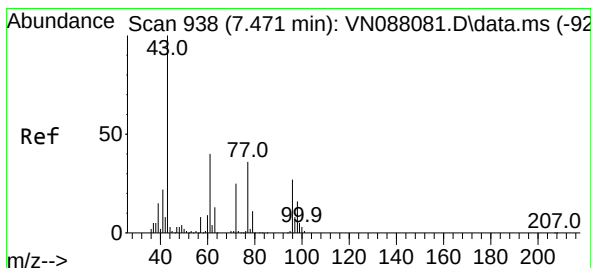
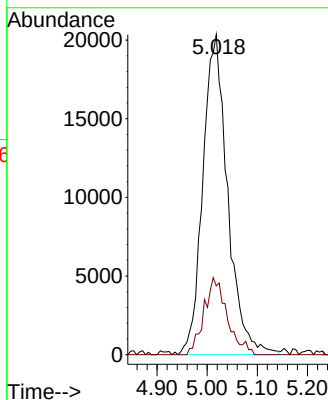
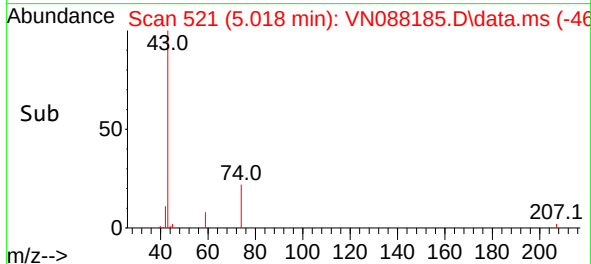
Instrument :
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ClientSampleId :
P001-TW3-251023-01



Tgt Ion: 43 Resp: 69930
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4

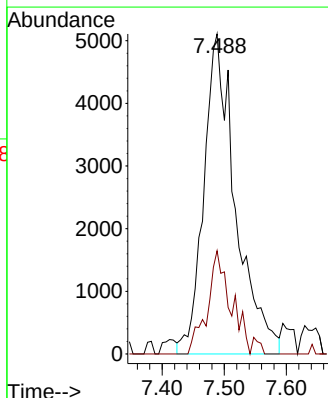
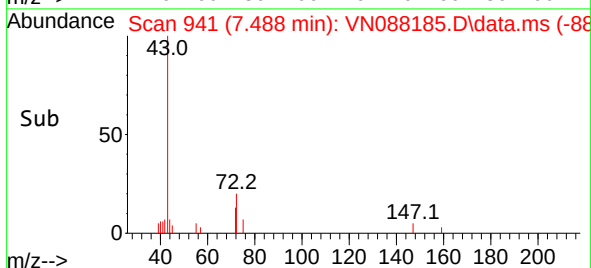
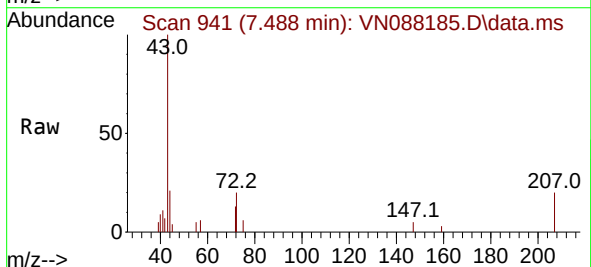
Manual Integrations
APPROVED

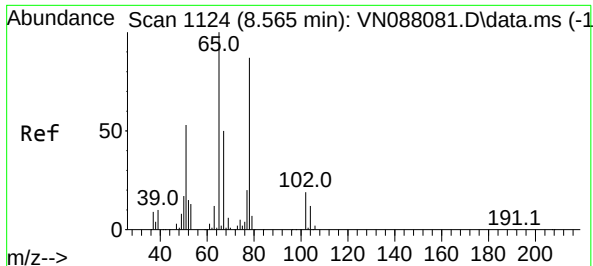
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#25
2-Butanone
Concen: 5.762 ug/l m
RT: 7.488 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

Tgt Ion: 43 Resp: 18114
Ion Ratio Lower Upper
43 100
72 19.8 19.9 29.9#





#33

1,2-Dichloroethane-d4

Concen: 64.852 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088185.D

Acq: 31 Oct 2025 14:00

Instrument :

MSVOA_N

ClientSampleId :

P001-TW3-251023-01

Tgt Ion: 65 Resp: 30796

Ion Ratio Lower Upper

65 100

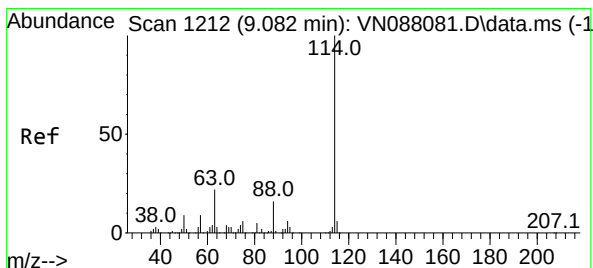
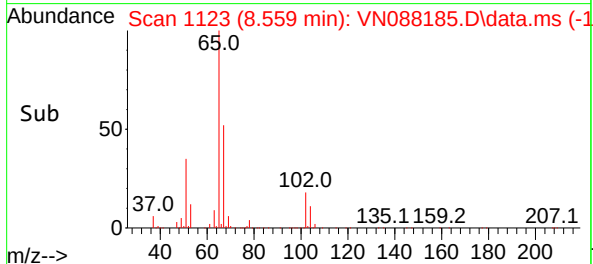
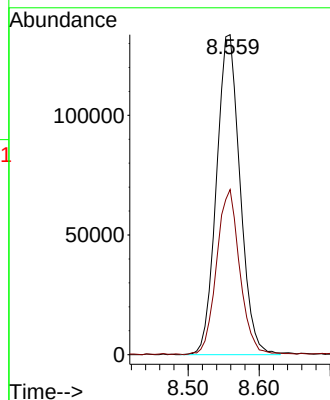
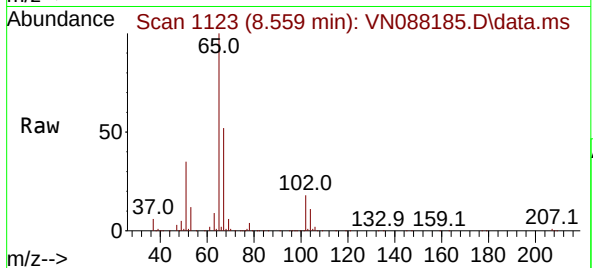
67 51.0 0.0 100.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 11/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088185.D

Acq: 31 Oct 2025 14:00

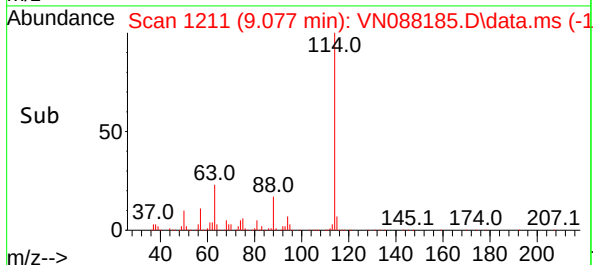
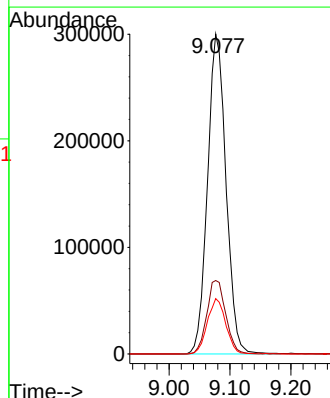
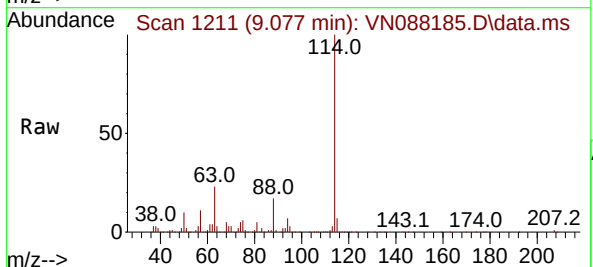
Tgt Ion:114 Resp: 633049

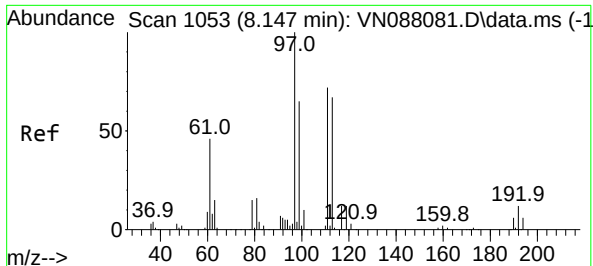
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.2

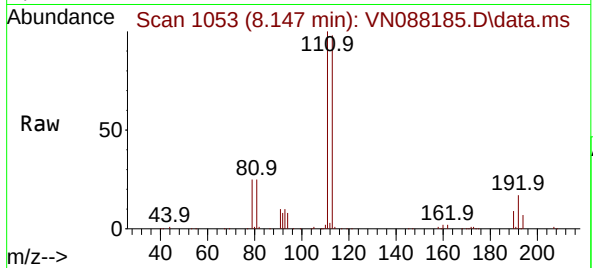
88 17.3 0.0 33.4





#35
Dibromofluoromethane
Concen: 50.438 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

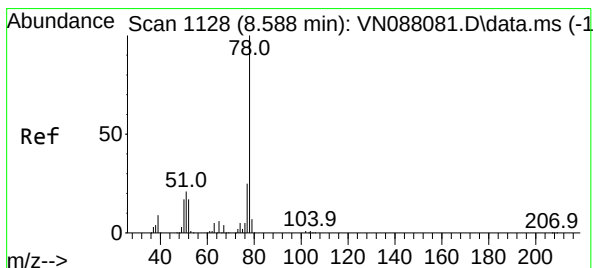
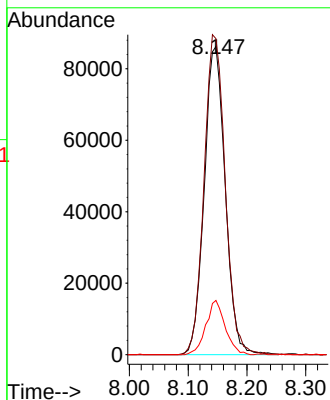
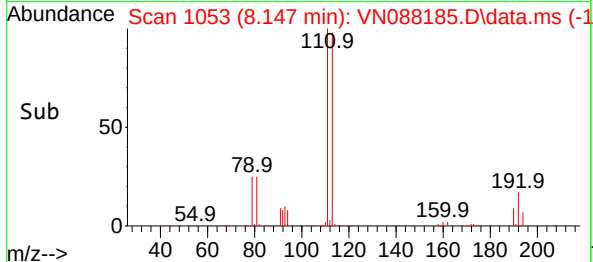
Instrument :
MSVOA_N
ClientSampleId :
P001-TW3-251023-01



Tgt Ion: 113 Resp: 21450
Ion Ratio Lower Upper
113 100
111 104.7 82.8 124.2
192 16.2 12.8 19.2

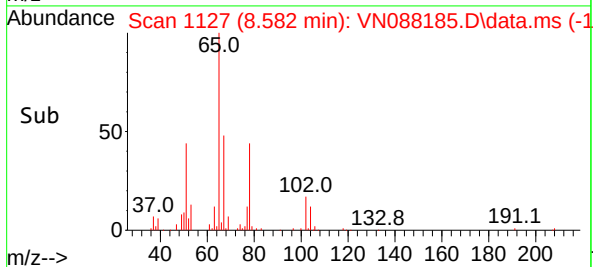
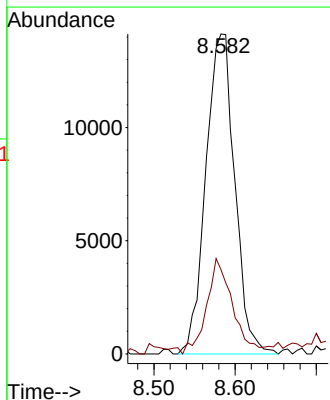
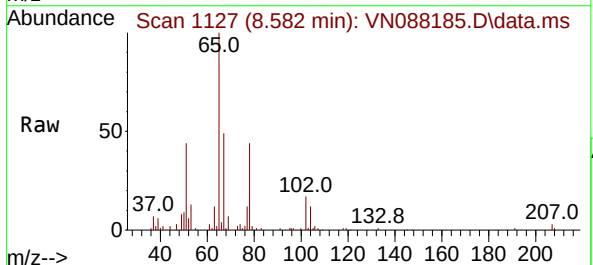
Manual Integrations
APPROVED

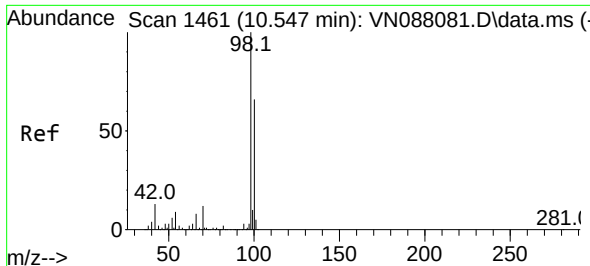
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#40
Benzene
Concen: 1.850 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

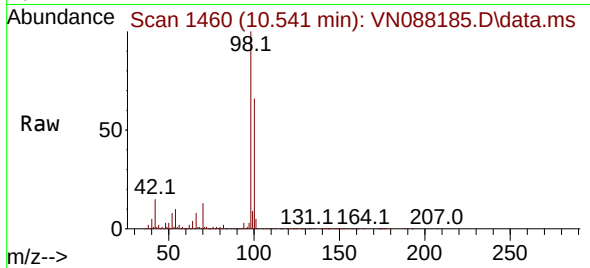
Tgt Ion: 78 Resp: 34991
Ion Ratio Lower Upper
78 100
77 24.4 19.7 29.5





#50
Toluene-d8
Concen: 50.599 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

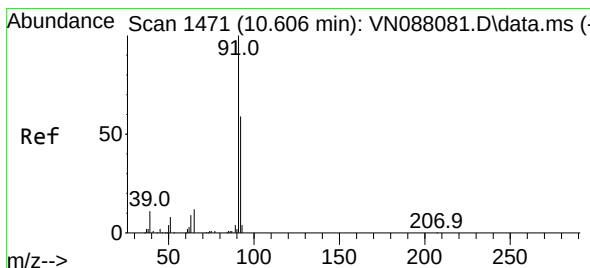
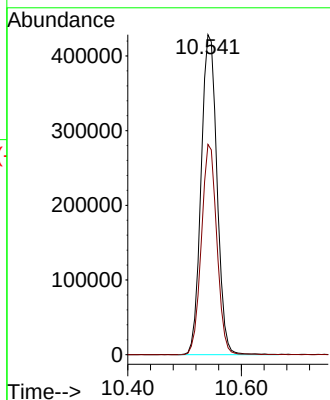
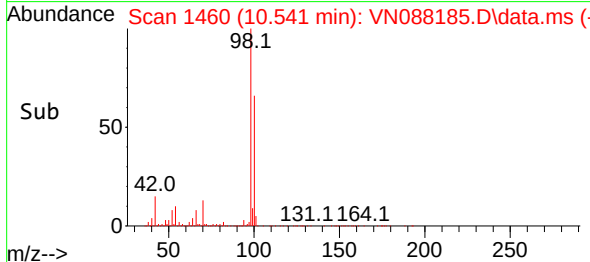
Instrument :
MSVOA_N
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P001-TW3-251023-01



Tgt Ion: 98 Resp: 829160
Ion Ratio Lower Upper
98 100
100 64.0 52.8 79.2

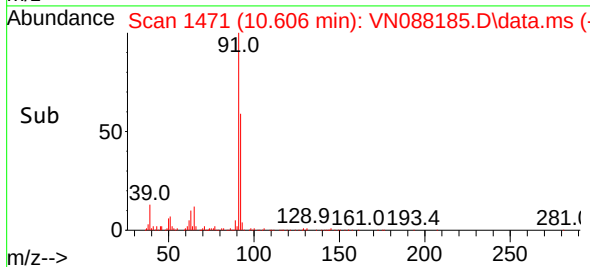
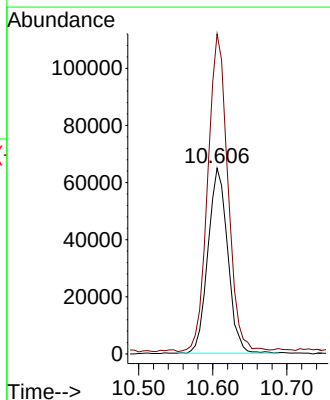
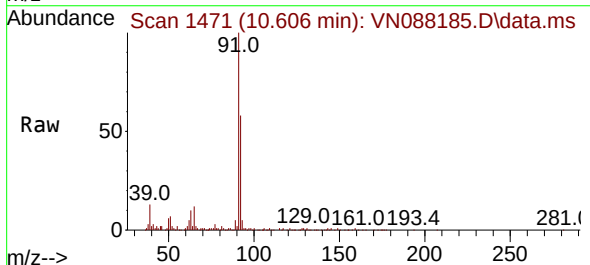
Manual Integrations
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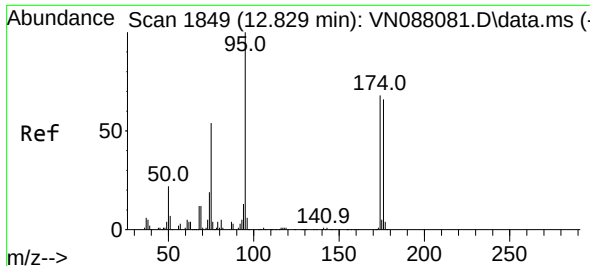
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#52
Toluene
Concen: 10.241 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

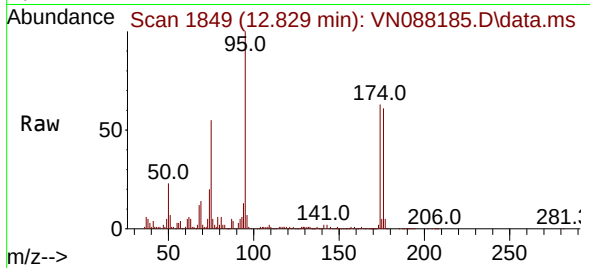
Tgt Ion: 92 Resp: 119407
Ion Ratio Lower Upper
92 100
91 175.2 140.4 210.6





#62
4-Bromofluorobenzene
Concen: 53.112 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

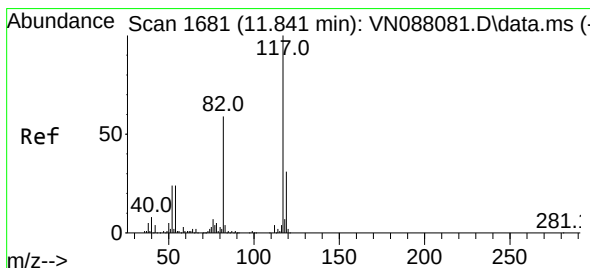
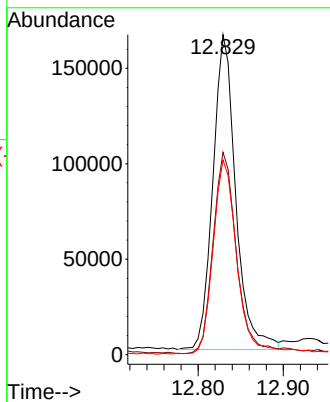
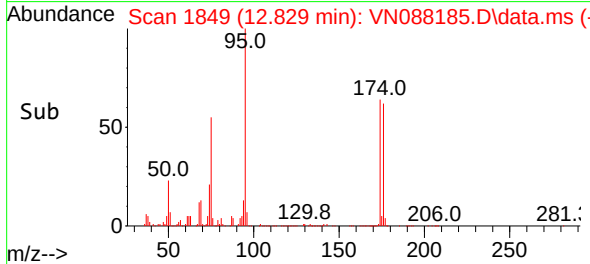
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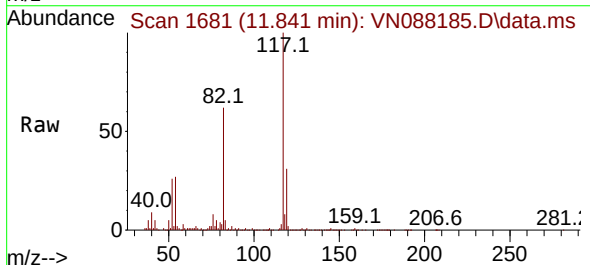
Tgt Ion: 95 Resp: 307374
Ion Ratio Lower Upper
95 100
174 65.3 0.0 138.4
176 65.6 0.0 132.6

Manual Integrations
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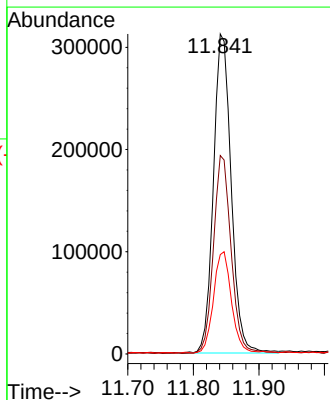
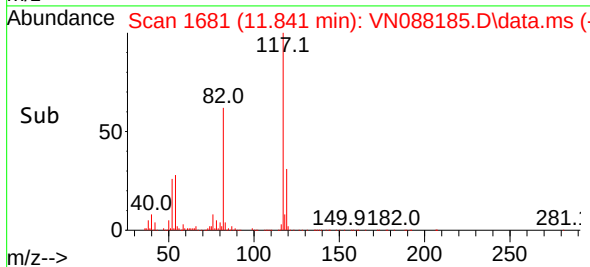
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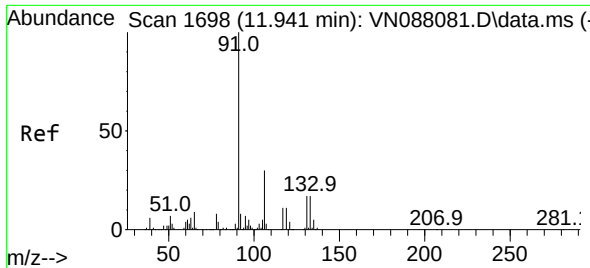


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00



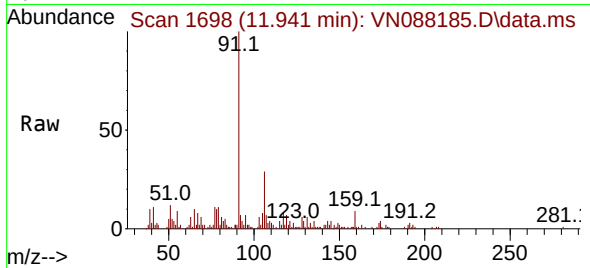
Tgt Ion:117 Resp: 586791
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 30.8 24.3 36.5





#67
Ethyl Benzene
Concen: 2.365 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00

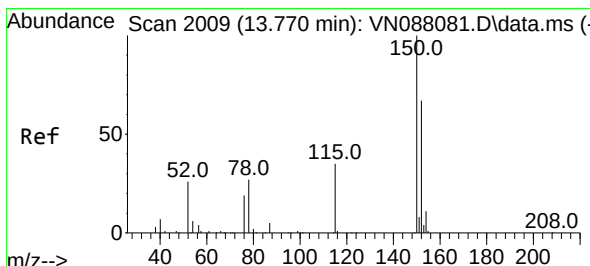
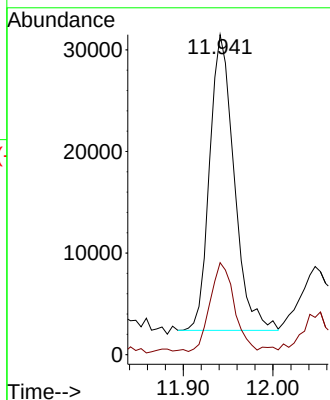
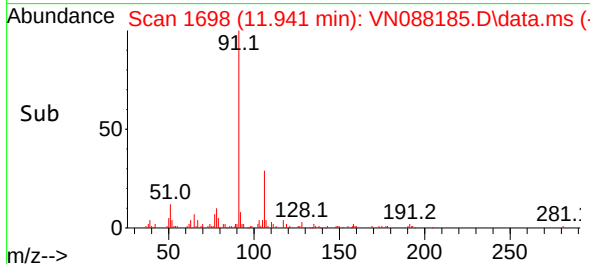
Instrument :
MSVOA_N
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P001-TW3-251023-01



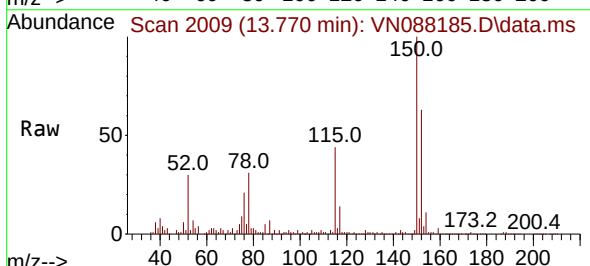
Tgt Ion: 91 Resp: 5532
Ion Ratio Lower Upper
91 100
106 29.6 24.1 36.1

Manual Integrations
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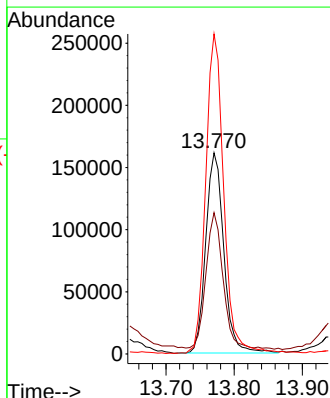
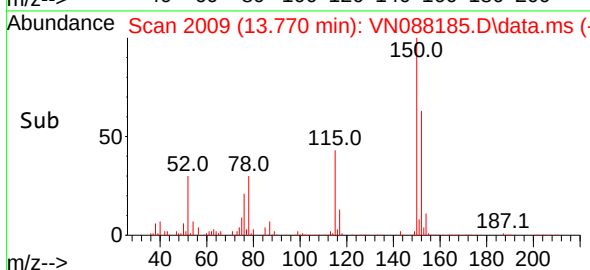
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

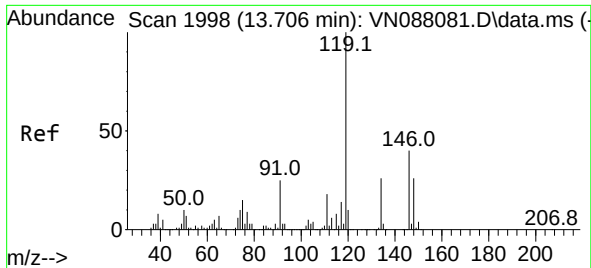


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088185.D
Acq: 31 Oct 2025 14:00



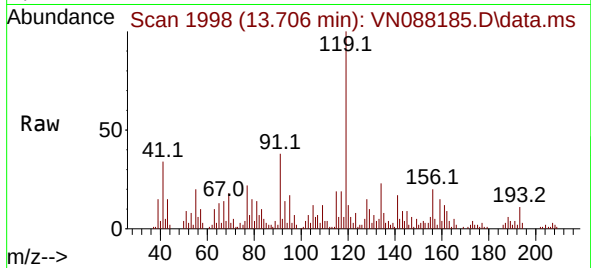
Tgt Ion:152 Resp: 297155
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 159.1 0.0 351.0





#86
 p-Isopropyltoluene
 Concen: 2.628 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088185.D
 Acq: 31 Oct 2025 14:00

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-TW3-251023-01



Tgt Ion:119 Resp: 52660
 Ion Ratio Lower Upper
 119 100
 134 28.7 12.7 38.0
 91 29.9 12.5 37.5

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

