

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088112.D
 Acq On : 27 Oct 2025 14:34
 Operator : JC\MD
 Sample : Q3439-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Oct 28 01:27:29 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

Manual Integrations APPROVED

Reviewed By :John Carlone 10/28/2025
 Supervised By :Semsettin Yesilyurt 10/28/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	225260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	497798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	483216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	230785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	208073	53.418	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.840%			
35) Dibromofluoromethane	8.147	113	158374	47.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.720%			
50) Toluene-d8	10.547	98	583863	45.310	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.620%			
62) 4-Bromofluorobenzene	12.829	95	217995	47.902	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.800%			
Target Compounds						
16) Acetone	4.424	43	32262	16.486	ug/l	97
18) Methyl Acetate	5.024	43	7235m	1.806	ug/l	
20) Methylene Chloride	5.259	84	14444	5.442	ug/l	91
43) Isopropyl Acetate	8.677	43	30841	3.185	ug/l	94

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

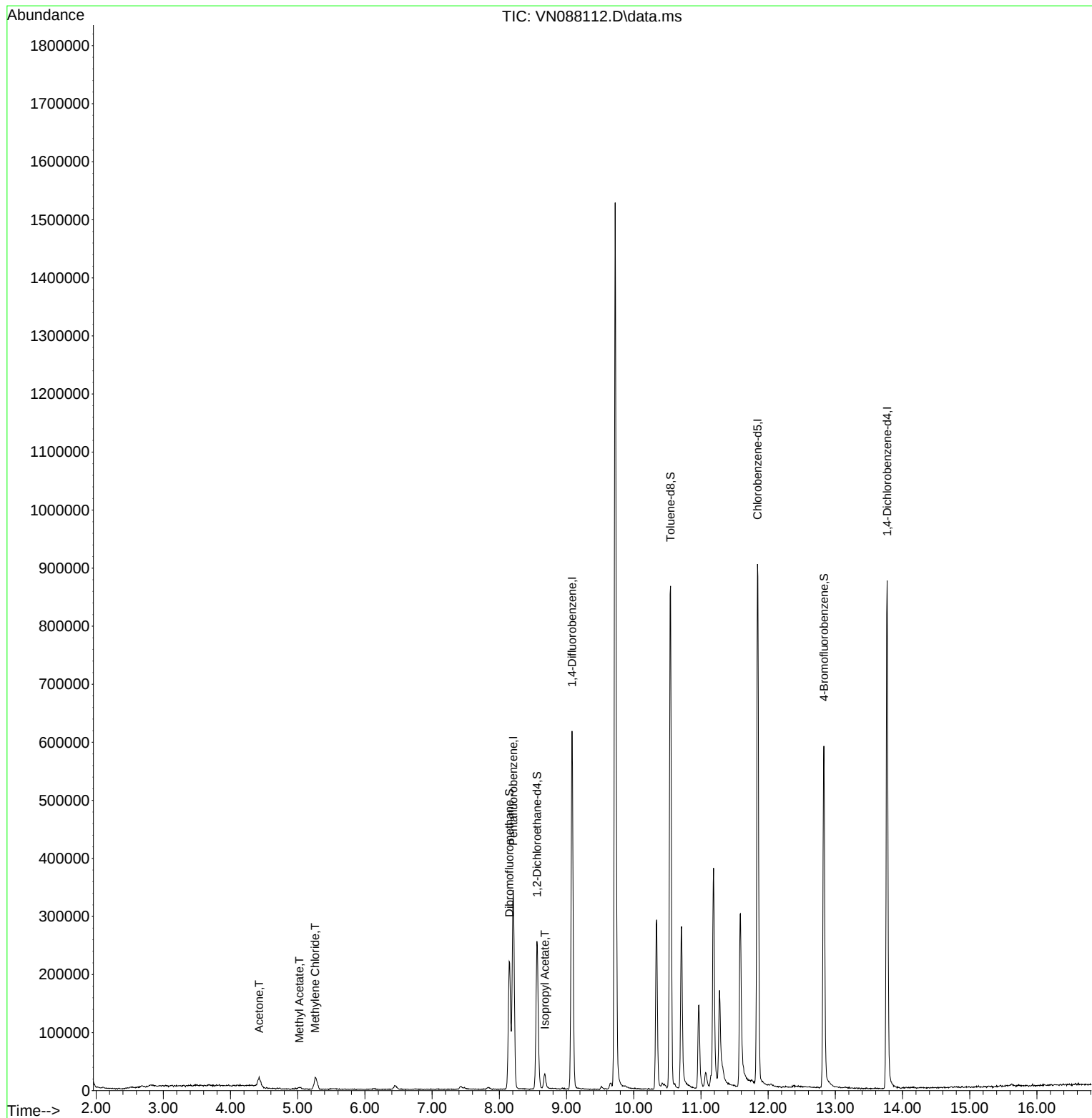
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
Data File : VN088112.D
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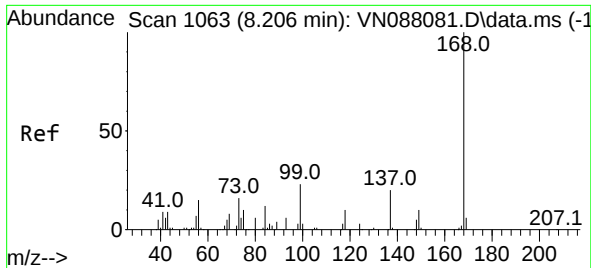
Instrument :
MSVOA_N
ClientSampleId :
TP-9

Quant Time: Oct 28 01:27:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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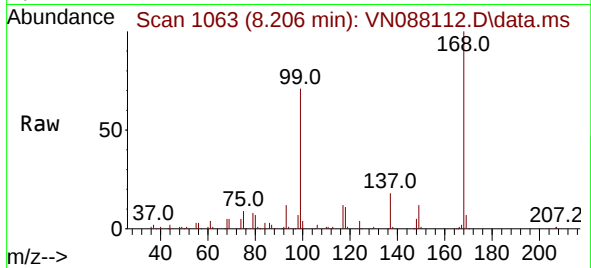
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

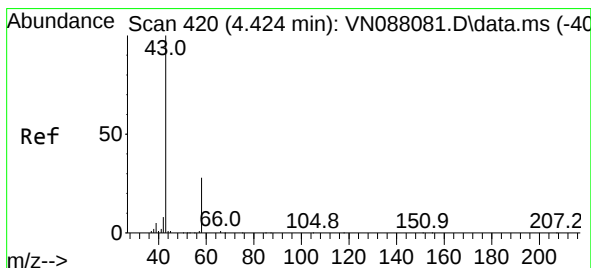
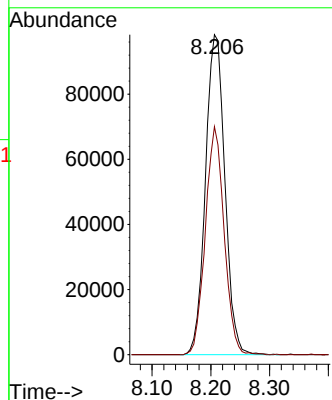
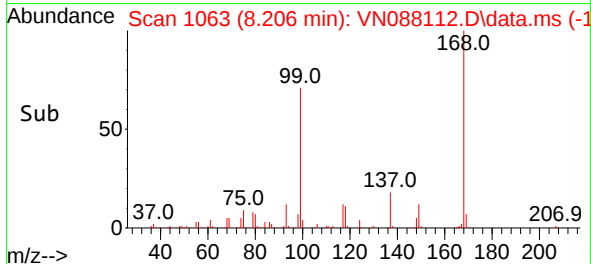
Instrument :
MSVOA_N
ClientSampleId :
TP-9



Tgt Ion:168 Resp: 225260
Ion Ratio Lower Upper
168 100
99 71.2 57.2 85.8

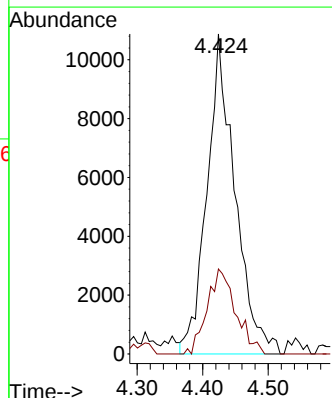
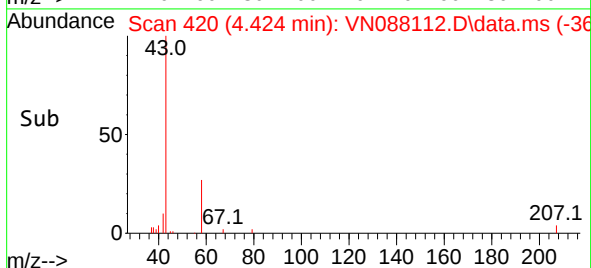
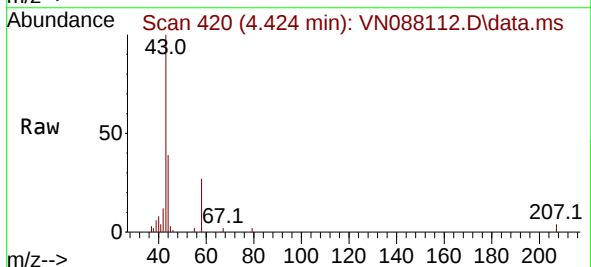
Manual Integrations
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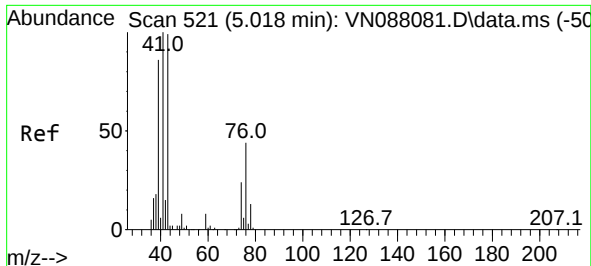
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#16
Acetone
Concen: 16.486 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

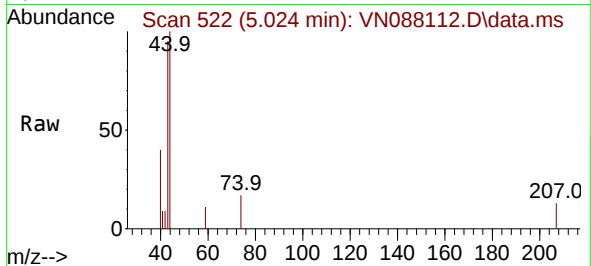
Tgt Ion: 43 Resp: 32262
Ion Ratio Lower Upper
43 100
58 26.6 22.6 33.8





#18
Methyl Acetate
Concen: 1.806 ug/l m
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

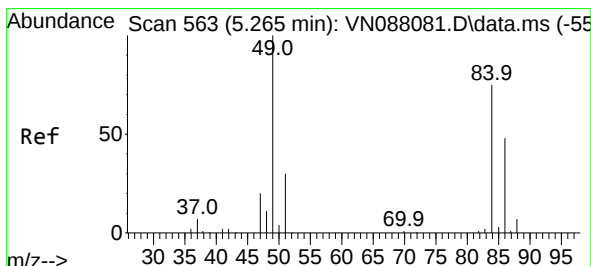
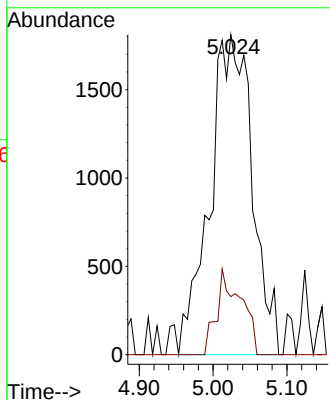
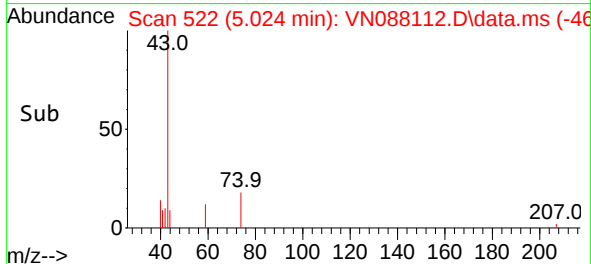
Instrument :
MSVOA_N
ClientSampleId :
TP-9



Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
74 15.5 17.6 26.4

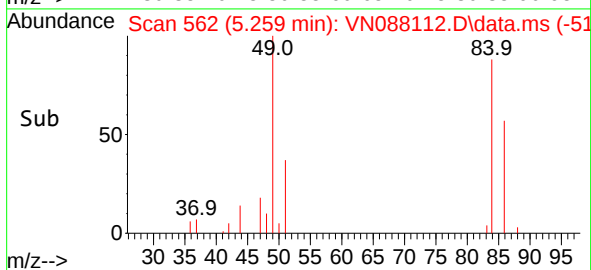
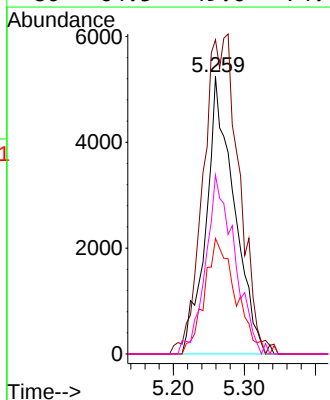
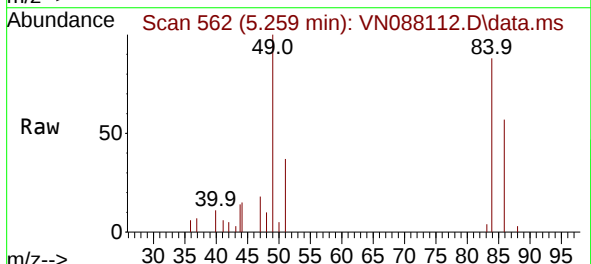
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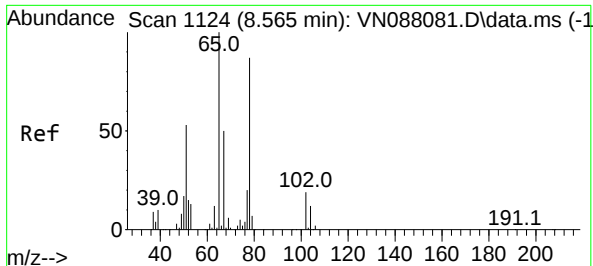
Reviewed By :John Carlone 10/28/2025
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#20
Methylene Chloride
Concen: 5.442 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

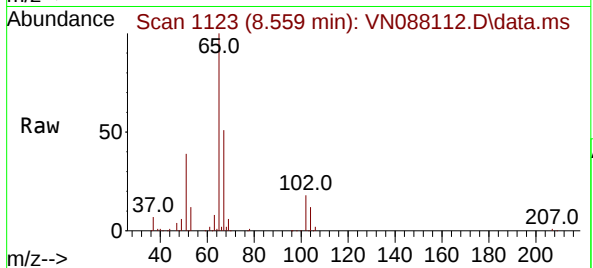
Tgt Ion: 84 Resp: 14444
Ion Ratio Lower Upper
84 100
49 113.3 103.4 155.2
51 41.6 33.8 50.8
86 64.5 49.6 74.4





#33
1,2-Dichloroethane-d4
Concen: 53.418 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

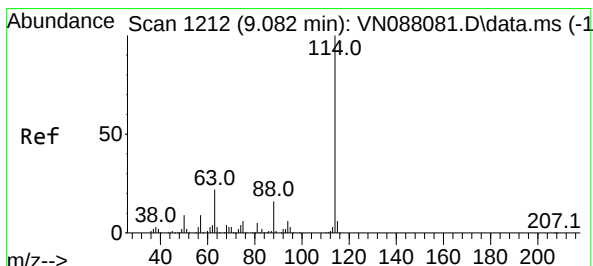
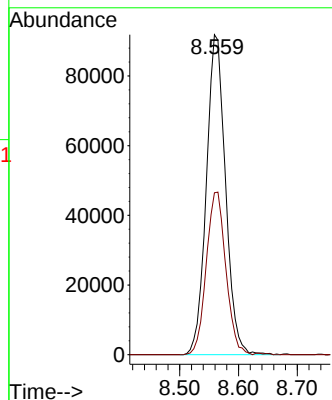
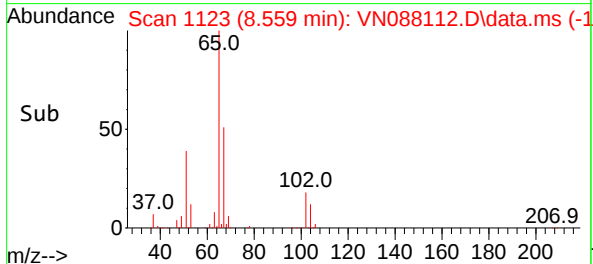
Instrument :
MSVOA_N
ClientSampleId :
TP-9



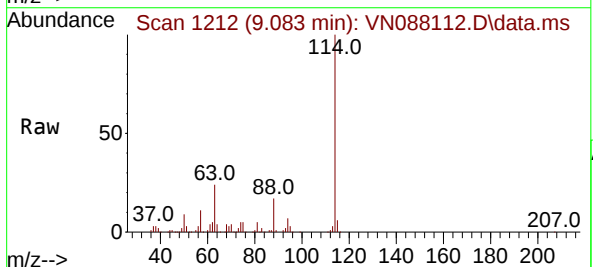
Tgt Ion: 65 Resp: 208073
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.0

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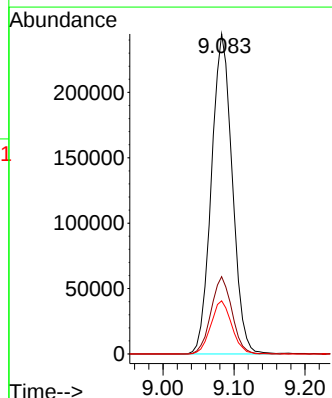
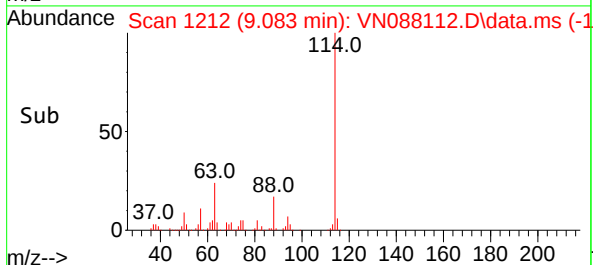
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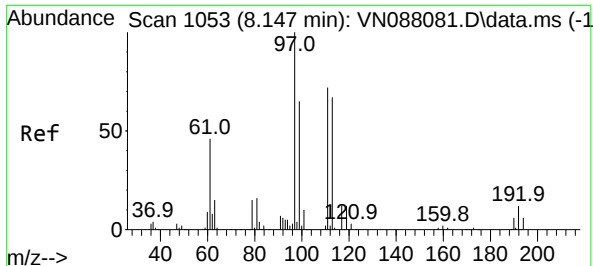


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34



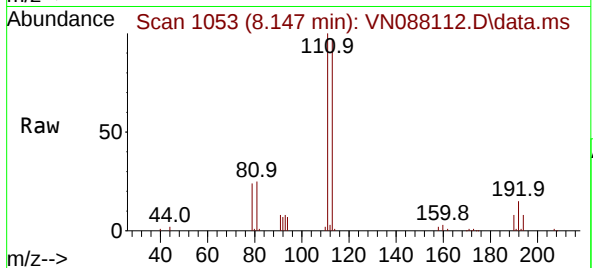
Tgt Ion:114 Resp: 497798
Ion Ratio Lower Upper
114 100
63 24.2 0.0 45.2
88 16.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.357 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

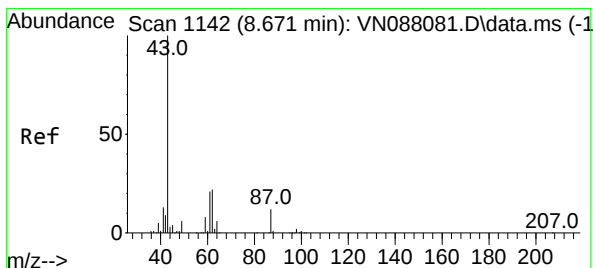
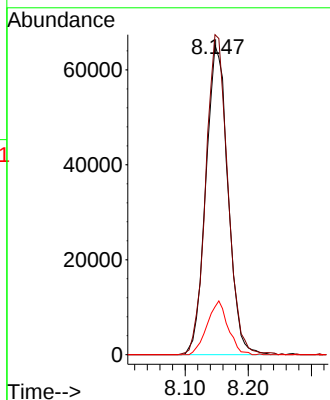
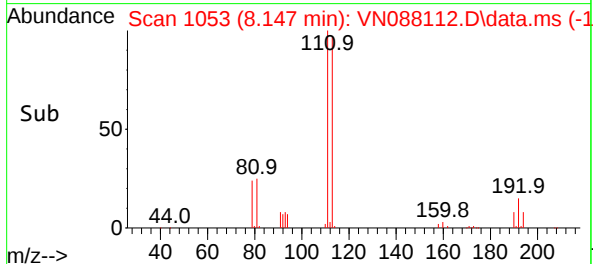
Instrument :
MSVOA_N
ClientSampleId :
TP-9



Tgt Ion: 113 Resp: 158374
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 16.4 12.8 19.2

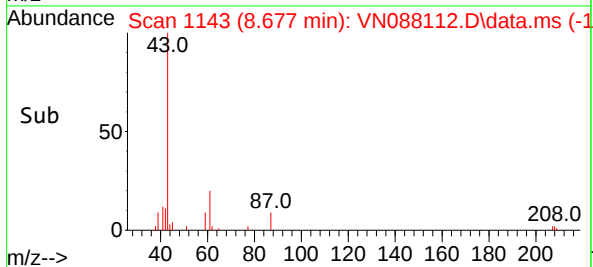
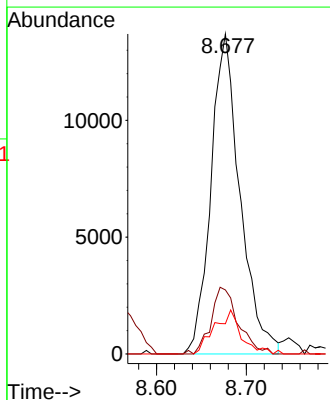
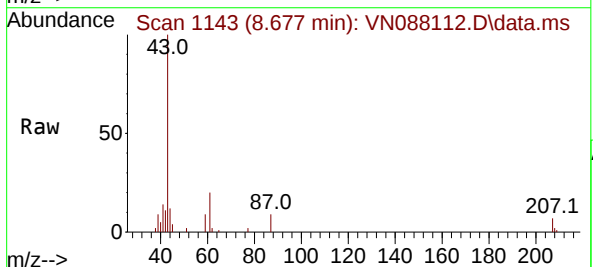
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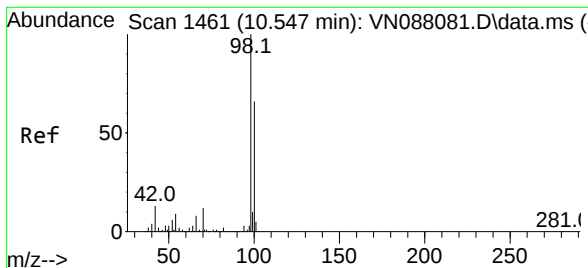
Reviewed By :John Carlone 10/28/2025
Supervised By :Semsettin Yesilyurt 10/28/2025



#43
Isopropyl Acetate
Concen: 3.185 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

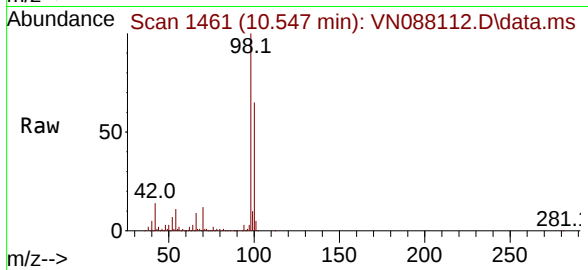
Tgt Ion: 43 Resp: 30841
Ion Ratio Lower Upper
43 100
61 19.4 18.8 28.2
87 12.7 9.6 14.4





#50
Toluene-d8
Concen: 45.310 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

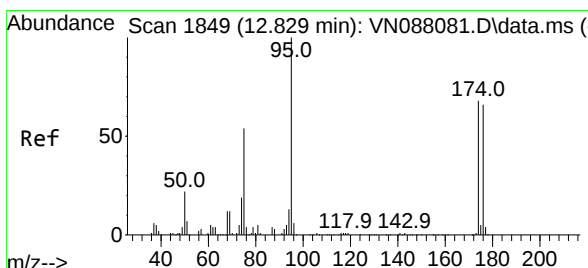
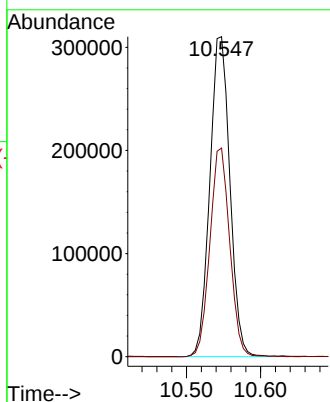
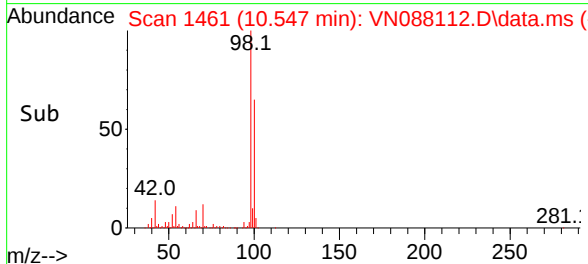
Instrument :
MSVOA_N
ClientSampleId :
TP-9



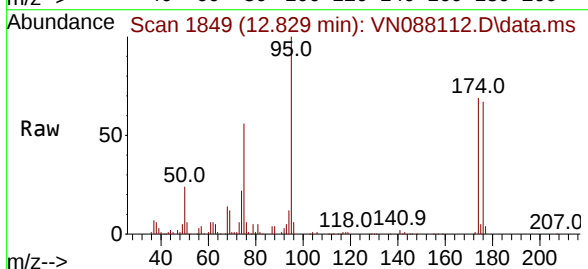
Tgt Ion: 98 Resp: 58386
Ion Ratio Lower Upper
98 100
100 64.5 52.8 79.2

Manual Integrations
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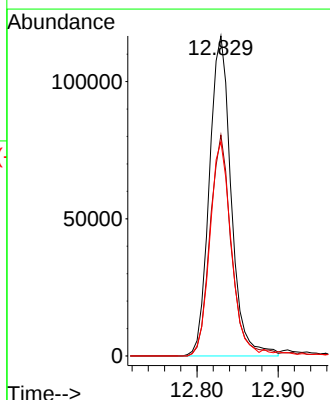
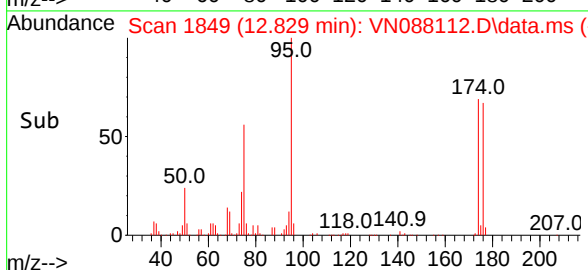
Reviewed By :John Carlone 10/28/2025
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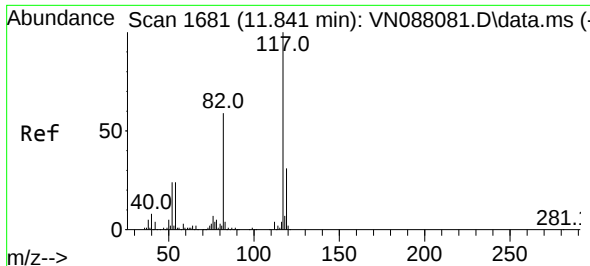


#62
4-Bromofluorobenzene
Concen: 47.902 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34



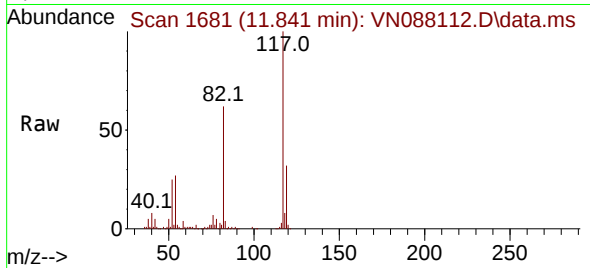
Tgt Ion: 95 Resp: 217995
Ion Ratio Lower Upper
95 100
174 67.8 0.0 138.4
176 66.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34

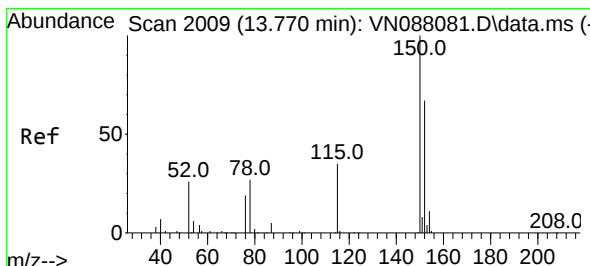
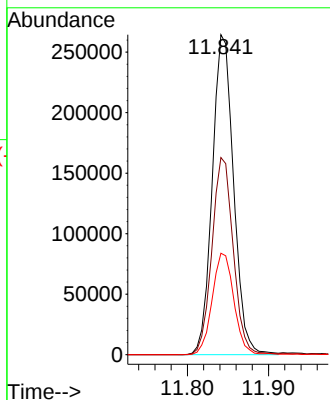
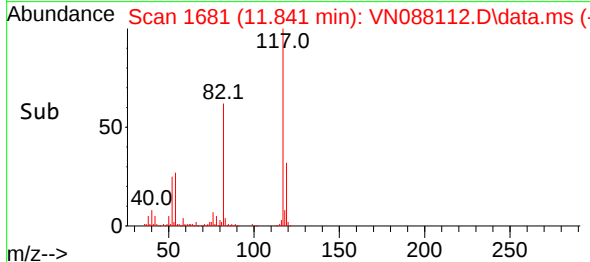
Instrument :
MSVOA_N
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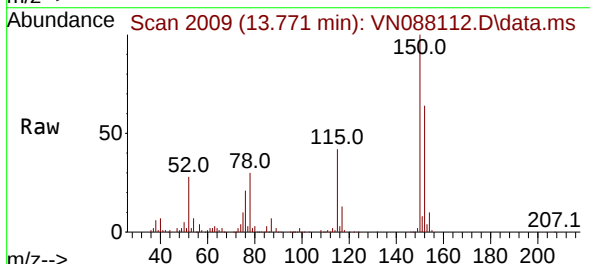
Tgt Ion:117 Resp: 483210
Ion Ratio Lower Upper
117 100
82 61.6 47.4 71.2
119 31.7 24.3 36.5

Manual Integrations
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Supervised By :Semsettin Yesilyurt 10/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088112.D
Acq: 27 Oct 2025 14:34



Tgt Ion:152 Resp: 230785
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 156.5 0.0 351.0

