

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
 Data File : VN088091.D
 Acq On : 24 Oct 2025 14:16
 Operator : JC\MD
 Sample : VN1024WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2025
 Supervised By : Semsettin Yesilyurt 10/27/2025

Quant Time: Oct 25 01:04:36 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	8.206	168	335260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	621300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	541423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	271790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	290926	50.183	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.360%			
35) Dibromofluoromethane	8.153	113	196838	47.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.320%			
50) Toluene-d8	10.547	98	741964	46.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.260%			
62) 4-Bromofluorobenzene	12.829	95	265424	46.731	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	76236	20.159	ug/l	97
3) Chloromethane	2.383	50	85551	19.229	ug/l	98
4) Vinyl Chloride	2.536	62	91307	18.836	ug/l	99
5) Bromomethane	2.983	94	53560	18.472	ug/l	92
6) Chloroethane	3.142	64	59934	17.160	ug/l	92
7) Trichlorofluoromethane	3.512	101	135248	17.493	ug/l	94
8) Diethyl Ether	3.959	74	53454	18.602	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	74239	18.608	ug/l	99
10) Methyl Iodide	4.577	142	68584	20.174	ug/l	98
11) Tert butyl alcohol	5.512	59	101143	101.269	ug/l	99
12) 1,1-Dichloroethene	4.342	96	71561	16.982	ug/l	96
13) Acrolein	4.177	56	115229	102.569	ug/l	95
14) Allyl chloride	5.012	41	139566	18.896	ug/l	97
15) Acrylonitrile	5.712	53	272843	100.289	ug/l	100
16) Acetone	4.424	43	254785	87.480	ug/l	96
17) Carbon Disulfide	4.706	76	239320	18.683	ug/l	97
18) Methyl Acetate	5.018	43	125508	21.049	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	308438	19.931	ug/l	100
20) Methylene Chloride	5.271	84	93452	21.069	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	84978	18.372	ug/l	98
22) Diisopropyl ether	6.653	45	318161	20.483	ug/l	97
23) Vinyl Acetate	6.588	43	1452340	103.799	ug/l	99
24) 1,1-Dichloroethane	6.559	63	171106	19.886	ug/l	94
25) 2-Butanone	7.471	43	385650	100.475	ug/l	99
26) 2,2-Dichloropropane	7.477	77	148860	19.038	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	102179	19.189	ug/l	96
28) Bromochloromethane	7.800	49	90975	22.377	ug/l	99
29) Tetrahydrofuran	7.824	42	246616	98.591	ug/l	98
30) Chloroform	7.947	83	170812	19.872	ug/l	98
31) Cyclohexane	8.241	56	161556	19.908	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	144807	18.915	ug/l	96
36) 1,1-Dichloropropene	8.353	75	117787	19.327	ug/l	97
37) Ethyl Acetate	7.547	43	152039	19.332	ug/l	96
38) Carbon Tetrachloride	8.347	117	124682	19.808	ug/l	96
39) Methylcyclohexane	9.582	83	143756	18.351	ug/l	97
40) Benzene	8.588	78	361061	19.453	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	79837	19.287	ug/l	97
42) 1,2-Dichloroethane	8.653	62	141145	21.403	ug/l	99
43) Isopropyl Acetate	8.671	43	250979	20.768	ug/l	99
44) Trichloroethene	9.335	130	83305	19.202	ug/l	98
45) 1,2-Dichloropropane	9.600	63	95375	20.354	ug/l	90
46) Dibromomethane	9.688	93	68045	20.361	ug/l	98
47) Bromodichloromethane	9.871	83	134913	20.164	ug/l	95
48) Methyl methacrylate	9.665	41	113954	20.424	ug/l	99
49) 1,4-Dioxane	9.682	88	27732	399.631	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	750568	104.984	ug/l	100
52) Toluene	10.606	92	220316	19.253	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	142276	19.979	ug/l	93
54) cis-1,3-Dichloropropene	10.294	75	152435	20.173	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	87867	20.239	ug/l	93
56) Ethyl methacrylate	10.853	69	143695	20.915	ug/l	97
57) 1,3-Dichloropropane	11.141	76	155904	20.431	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	351936	98.481	ug/l	99
59) 2-Hexanone	11.176	43	491662	103.667	ug/l	100
60) Dibromochloromethane	11.335	129	97257	19.710	ug/l	99
61) 1,2-Dibromoethane	11.447	107	90282	20.206	ug/l	100
64) Tetrachloroethene	11.082	164	68730	19.245	ug/l	95
65) Chlorobenzene	11.871	112	238554	19.404	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	79068	19.631	ug/l	99
67) Ethyl Benzene	11.941	91	422006	19.556	ug/l	98
68) m/p-Xylenes	12.047	106	316537	39.148	ug/l	99
69) o-Xylene	12.376	106	151987	19.829	ug/l	99
70) Styrene	12.388	104	256221	20.499	ug/l	98
71) Bromoform	12.559	173	60829	20.237	ug/l #	98
73) Isopropylbenzene	12.676	105	396589	18.919	ug/l	100
74) N-amyl acetate	12.541	43	114355m	19.217	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	130100	19.935	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	115156m	18.532	ug/l	
77) Bromobenzene	12.959	156	91828	20.314	ug/l	98
78) n-propylbenzene	13.012	91	489413	19.132	ug/l	98
79) 2-Chlorotoluene	13.100	91	292039	20.018	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	340242	19.544	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	37310	16.749	ug/l	90
82) 4-Chlorotoluene	13.200	91	301710	19.116	ug/l	100
83) tert-Butylbenzene	13.417	119	291110	18.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	344238	19.763	ug/l	100
85) sec-Butylbenzene	13.594	105	434188	19.003	ug/l	100
86) p-Isopropyltoluene	13.706	119	358615	19.565	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	180512	20.004	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	183971	18.982	ug/l	98
89) n-Butylbenzene	14.035	91	346220	19.069	ug/l	99
90) Hexachloroethane	14.306	117	66434	18.716	ug/l	96
91) 1,2-Dichlorobenzene	14.088	146	166360	19.125	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28900	19.026	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	100650	19.106	ug/l	98
94) Hexachlorobutadiene	15.476	225	40090	20.436	ug/l	98
95) Naphthalene	15.611	128	340015	18.841	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	96149	19.035	ug/l	99

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Instrument :
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ClientSampleId :
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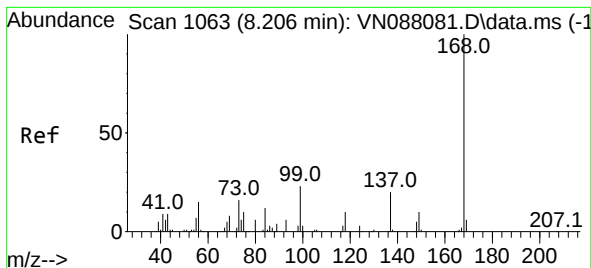
Manual Integrations
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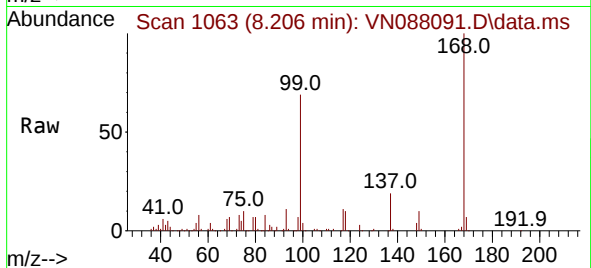
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088091.D
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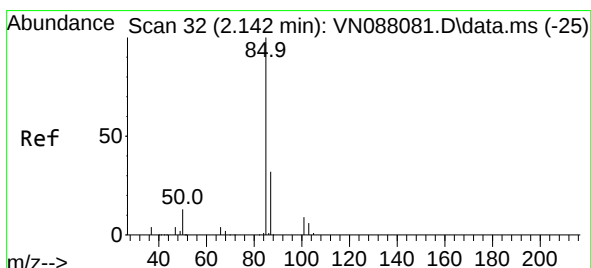
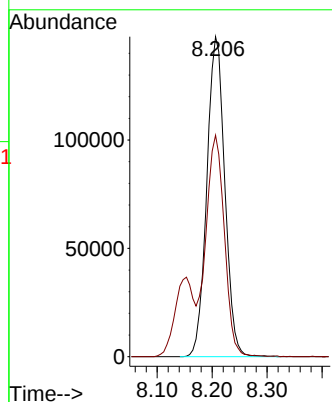
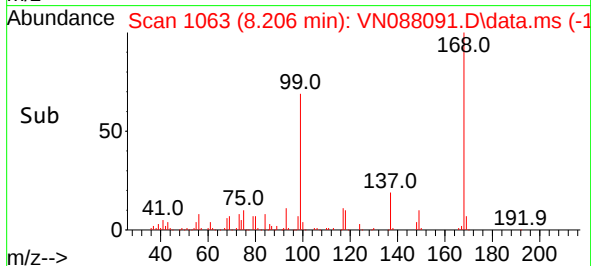
Instrument :
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VN1024WBSD01



Tgt Ion:168 Resp: 335260
Ion Ratio Lower Upper
168 100
99 69.2 57.2 85.8

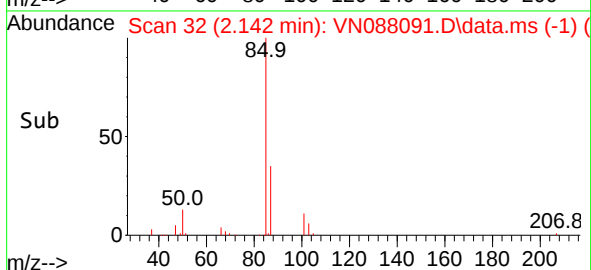
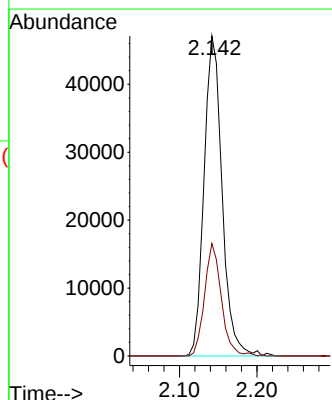
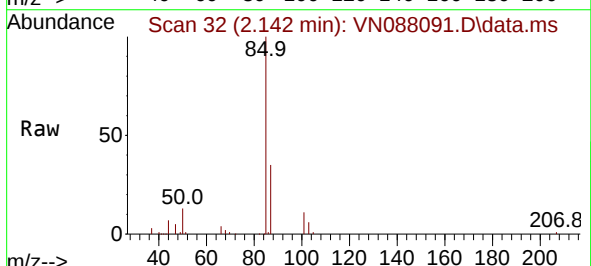
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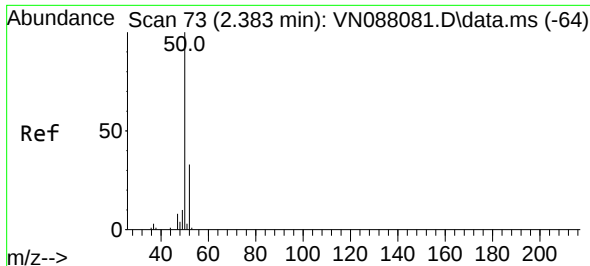
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#2
Dichlorodifluoromethane
Concen: 20.159 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

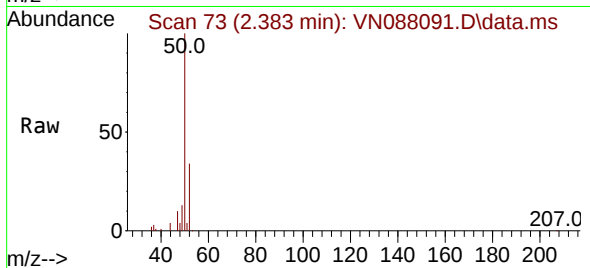
Tgt Ion: 85 Resp: 76236
Ion Ratio Lower Upper
85 100
87 35.1 16.6 49.8





#3
Chloromethane
Concen: 19.229 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

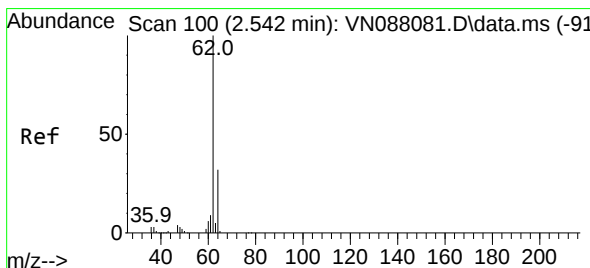
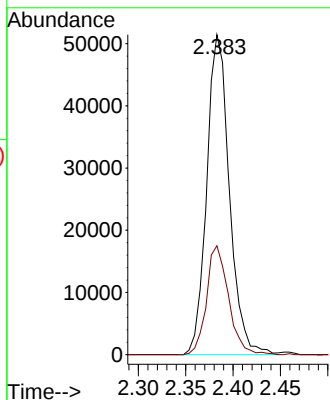
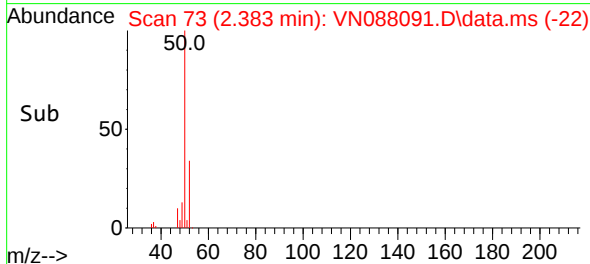
Instrument :
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Tgt Ion: 50 Resp: 8555
Ion Ratio Lower Upper
50 100
52 34.1 26.2 39.4

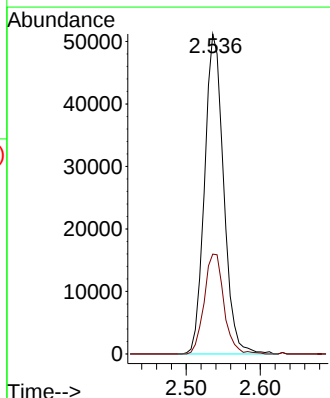
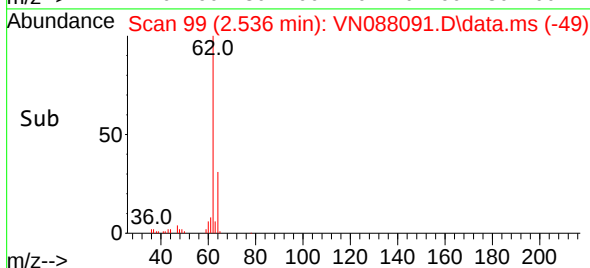
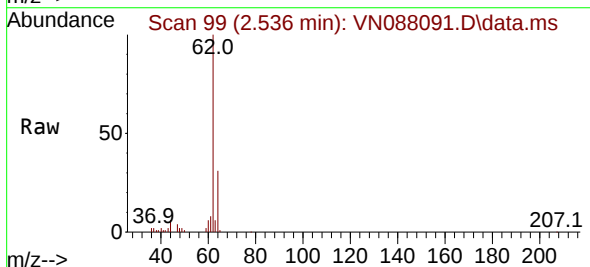
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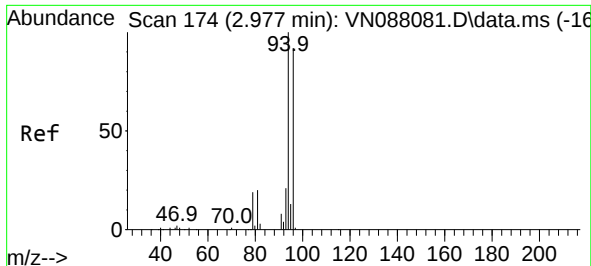
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#4
Vinyl Chloride
Concen: 18.836 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

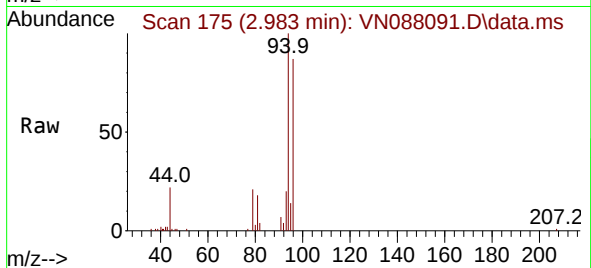
Tgt Ion: 62 Resp: 91307
Ion Ratio Lower Upper
62 100
64 31.2 24.6 37.0





#5
Bromomethane
Concen: 18.472 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

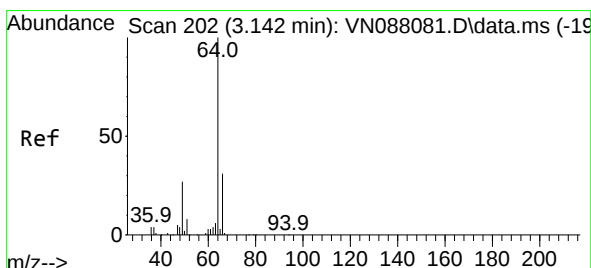
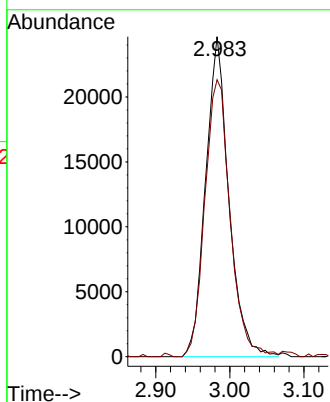
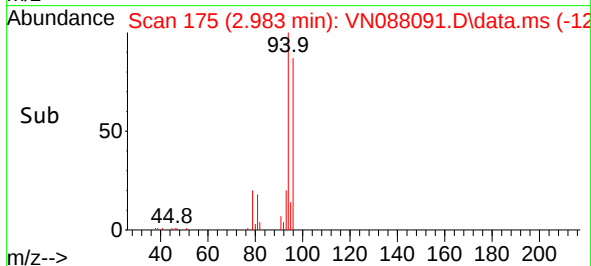
Instrument :
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Tgt Ion: 94 Resp: 53560
Ion Ratio Lower Upper
94 100
96 86.6 75.4 113.2

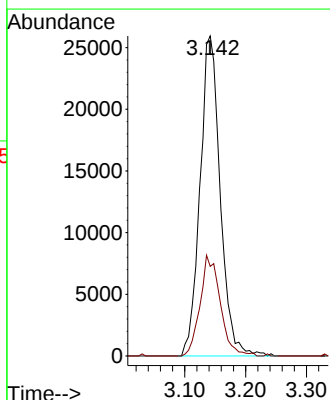
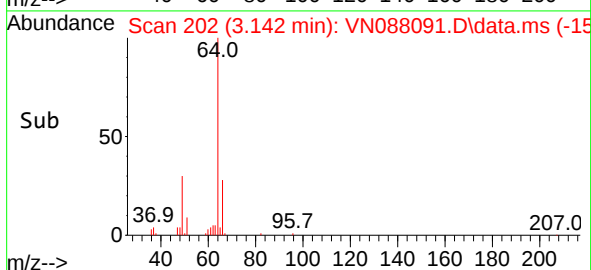
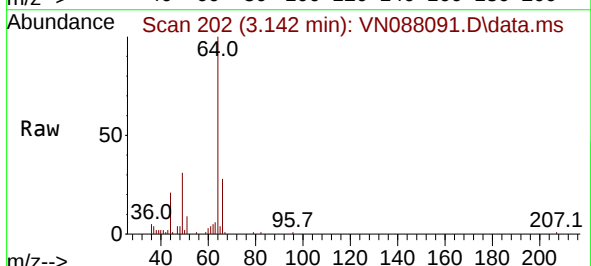
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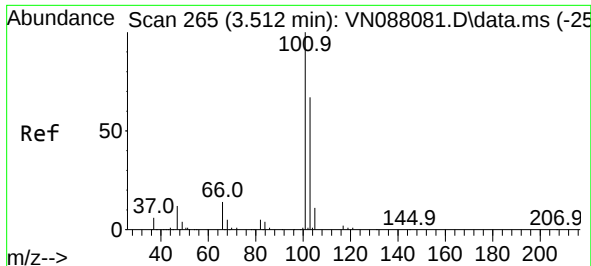
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#6
Chloroethane
Concen: 17.160 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088091.D
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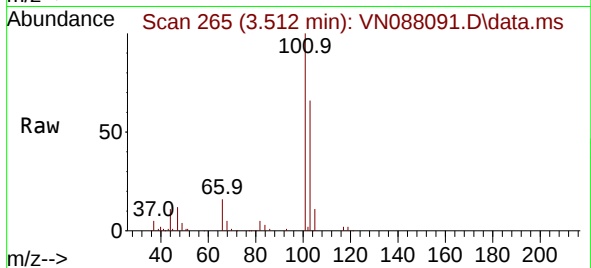
Tgt Ion: 64 Resp: 59934
Ion Ratio Lower Upper
64 100
66 28.0 26.2 39.2





#7
Trichlorofluoromethane
Concen: 17.493 ug/l
RT: 3.512 min Scan# 265
Delta R.T. -0.000 min
Lab File: VN088091.D
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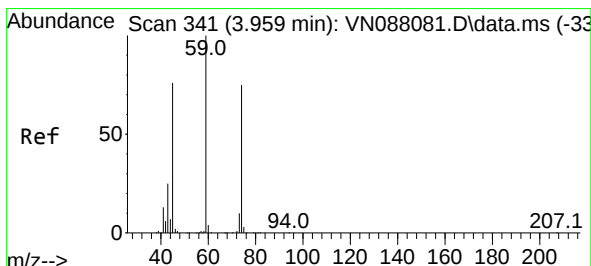
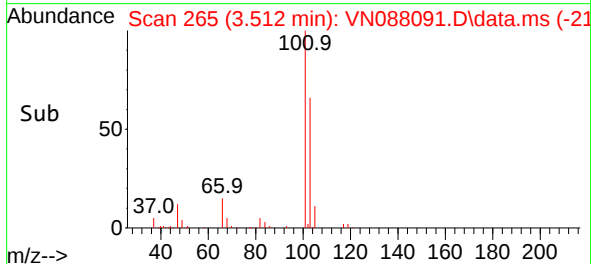
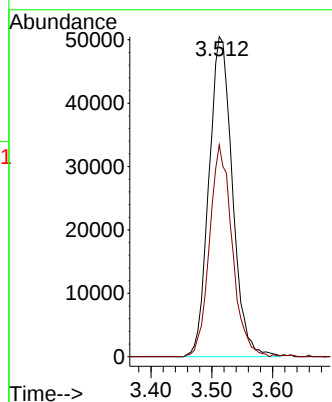
Instrument :
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Tgt Ion:101 Resp: 135248
Ion Ratio Lower Upper
101 100
103 66.2 49.4 74.0

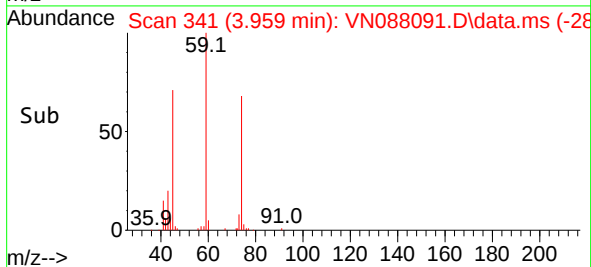
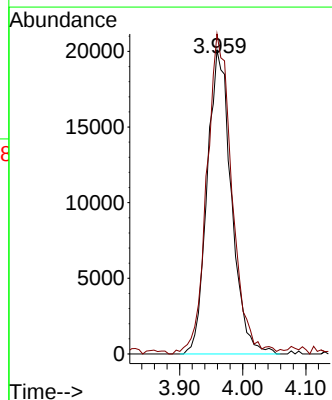
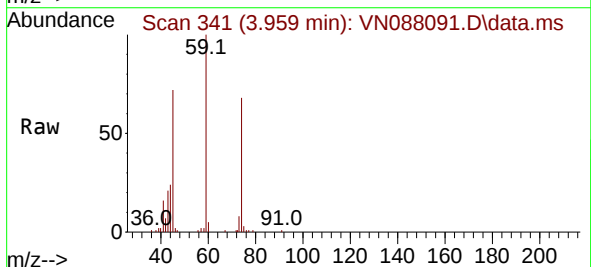
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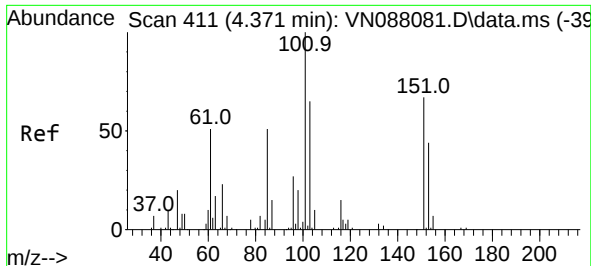
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#8
Diethyl Ether
Concen: 18.602 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 53454
Ion Ratio Lower Upper
74 100
45 110.1 50.6 151.9





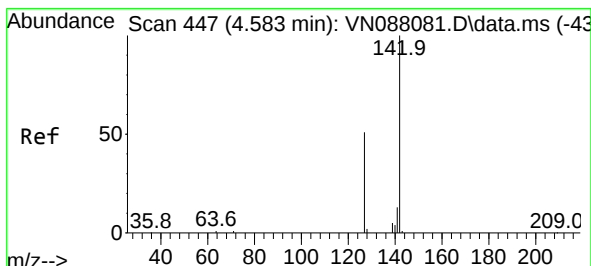
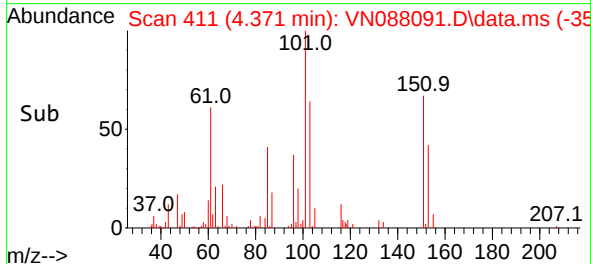
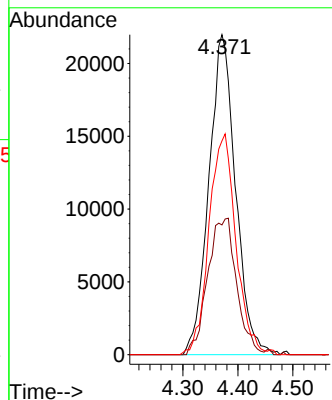
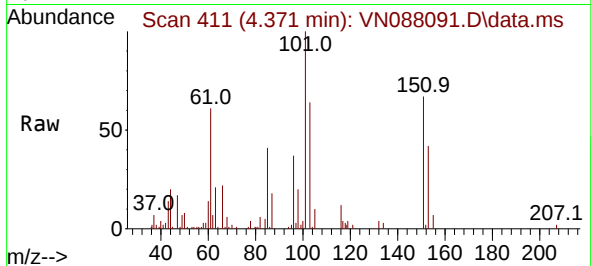
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.608 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion:101 Resp: 74239
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 69.7 54.7 82.1

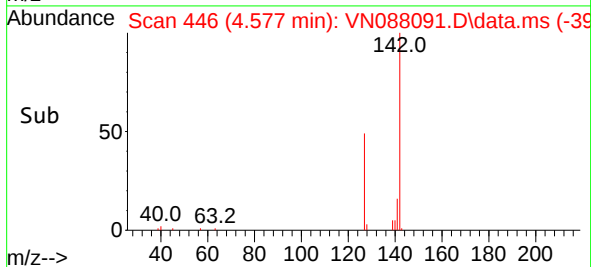
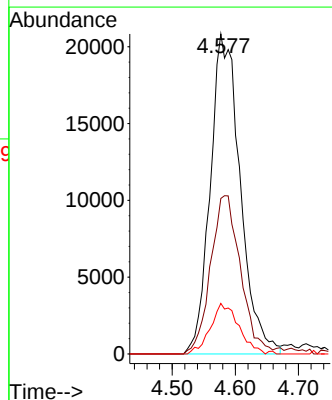
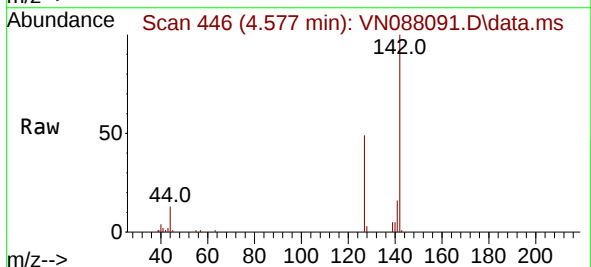
Manual Integrations
APPROVED

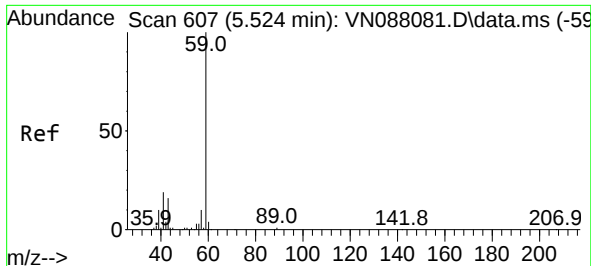
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#10
Methyl Iodide
Concen: 20.174 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

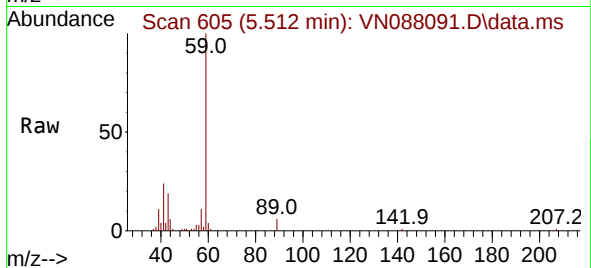
Tgt Ion:142 Resp: 68584
Ion Ratio Lower Upper
142 100
127 48.6 38.0 57.0
141 15.8 12.0 18.0





#11
Tert butyl alcohol
Concen: 101.269 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

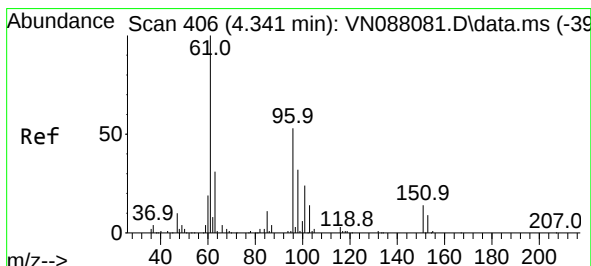
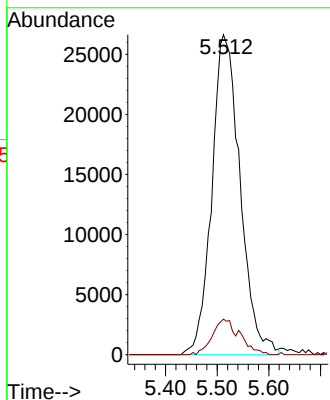
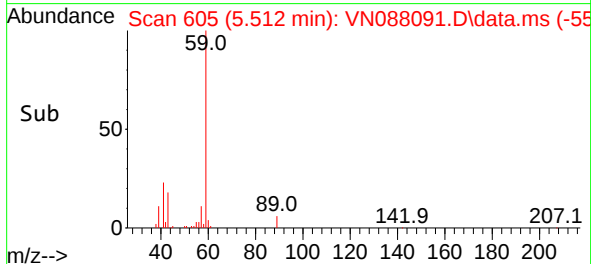
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



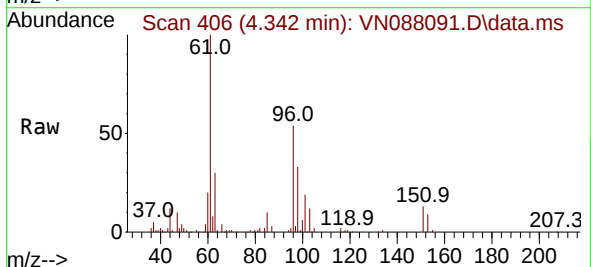
Tgt Ion: 59 Resp: 10114
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4

Manual Integrations
APPROVED

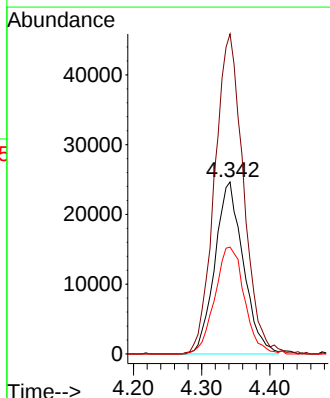
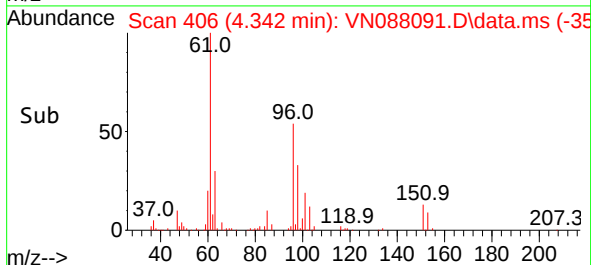
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

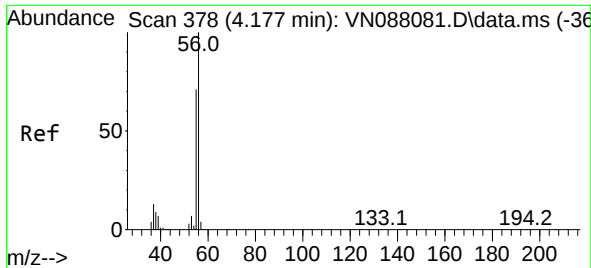


#12
1,1-Dichloroethene
Concen: 16.982 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



Tgt Ion: 96 Resp: 71561
Ion Ratio Lower Upper
96 100
61 186.1 143.8 215.8
98 62.2 52.1 78.1





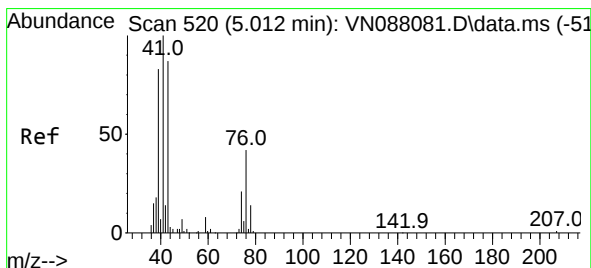
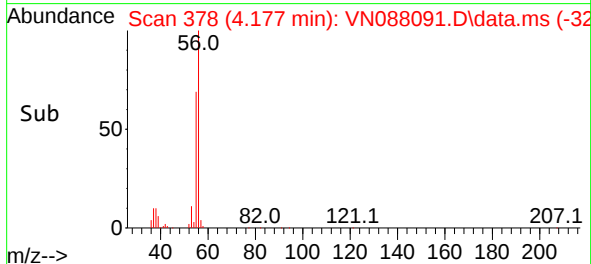
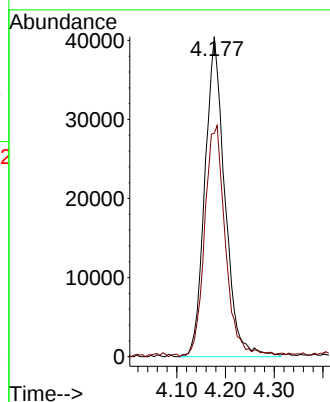
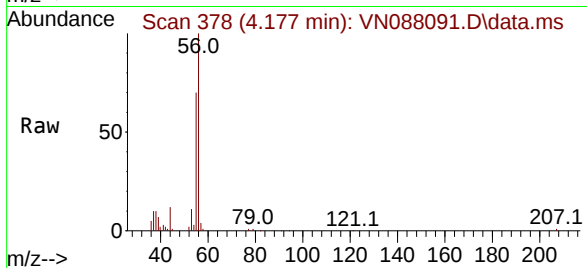
#13
Acrolein
Concen: 102.569 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01

Tgt Ion: 56 Resp: 115229
Ion Ratio Lower Upper
56 100
55 75.5 57.3 85.9

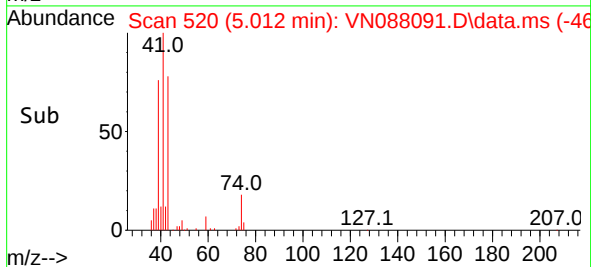
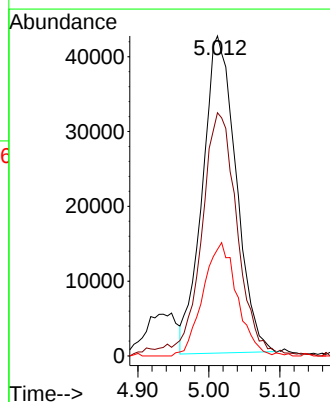
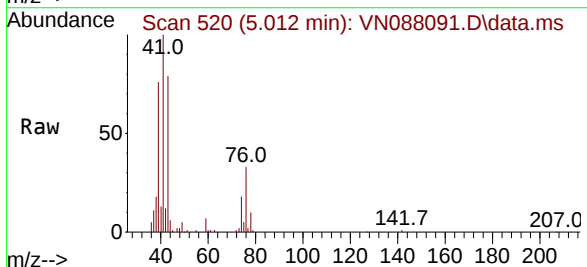
Manual Integrations
APPROVED

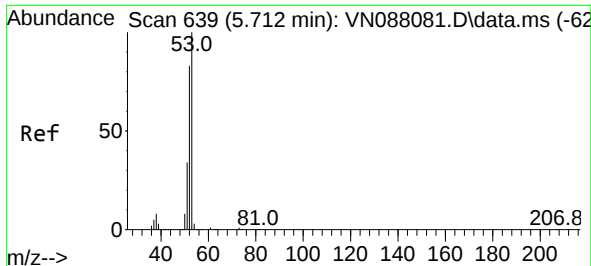
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#14
Allyl chloride
Concen: 18.896 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

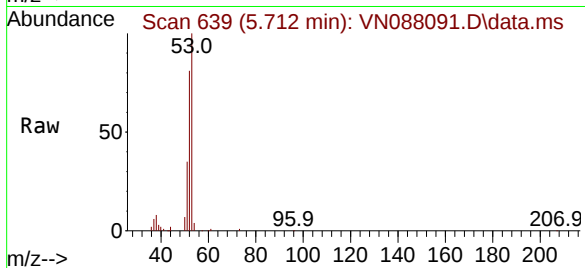
Tgt Ion: 41 Resp: 139566
Ion Ratio Lower Upper
41 100
39 82.7 63.9 95.9
76 36.1 28.1 42.1





#15
Acrylonitrile
Concen: 100.289 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

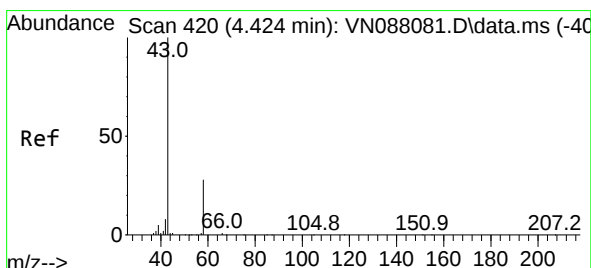
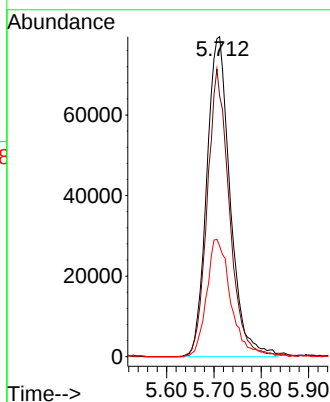
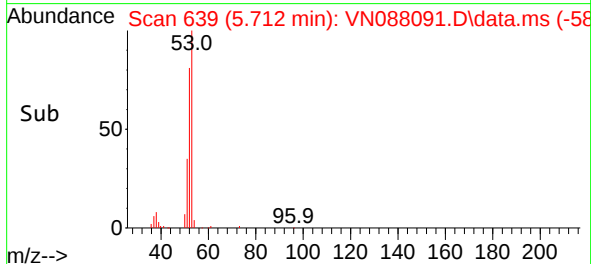
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 53 Resp: 27284
Ion Ratio Lower Upper
53 100
52 84.7 67.6 101.4
51 38.2 30.1 45.1

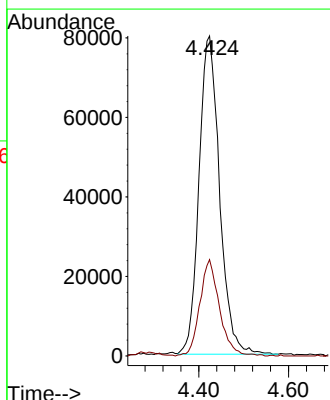
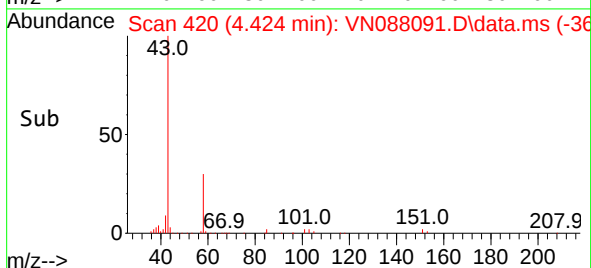
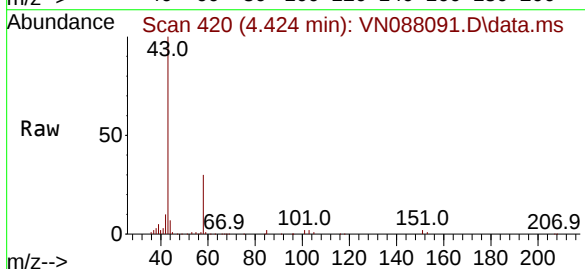
Manual Integrations
APPROVED

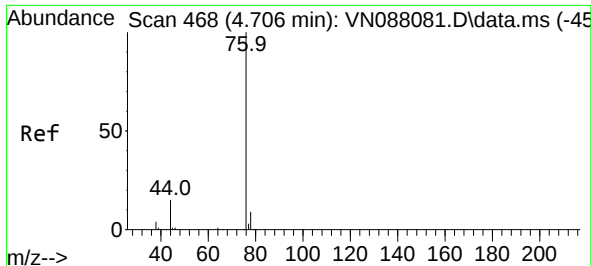
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#16
Acetone
Concen: 87.480 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

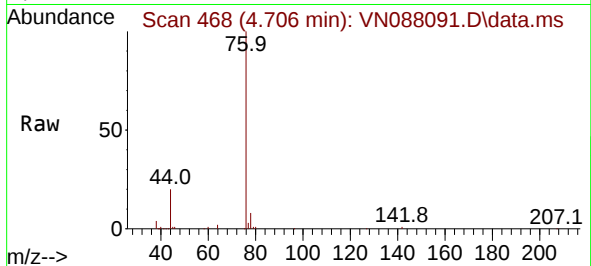
Tgt Ion: 43 Resp: 254785
Ion Ratio Lower Upper
43 100
58 30.2 22.6 33.8





#17
Carbon Disulfide
Concen: 18.683 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

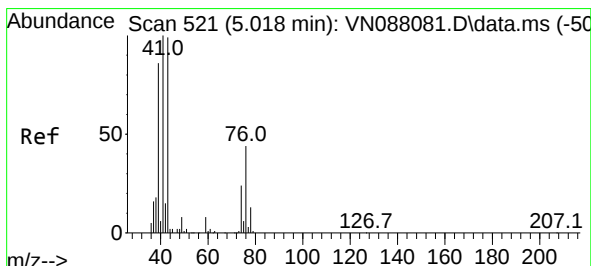
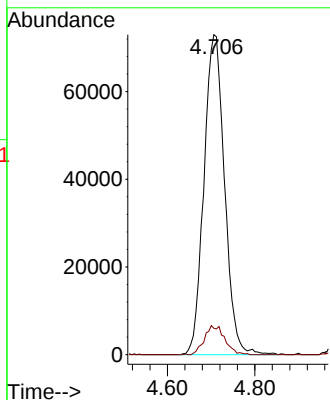
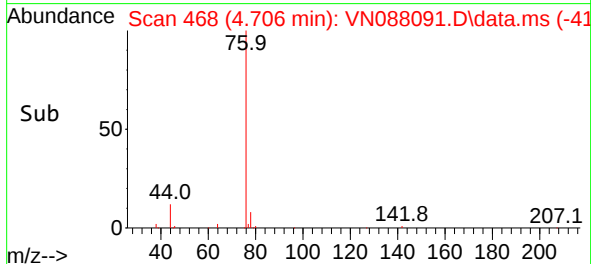
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 76 Resp: 239320
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4

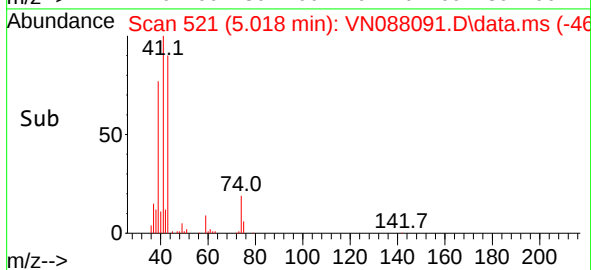
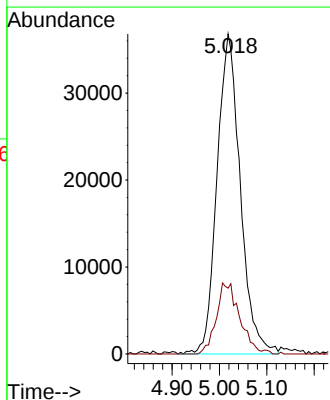
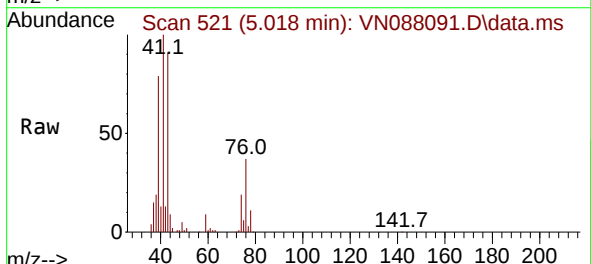
Manual Integrations
APPROVED

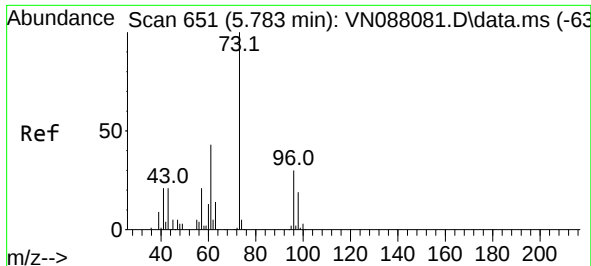
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#18
Methyl Acetate
Concen: 21.049 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

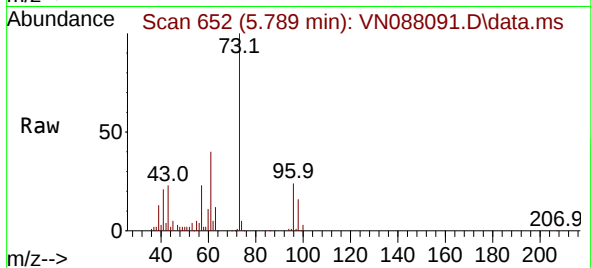
Tgt Ion: 43 Resp: 125508
Ion Ratio Lower Upper
43 100
74 22.1 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 19.931 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

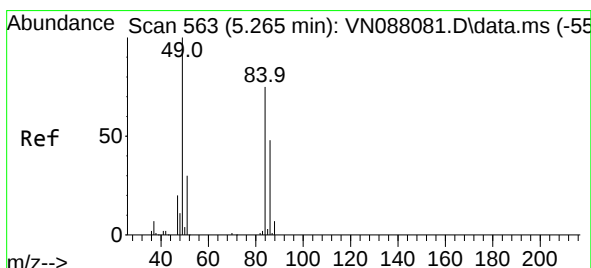
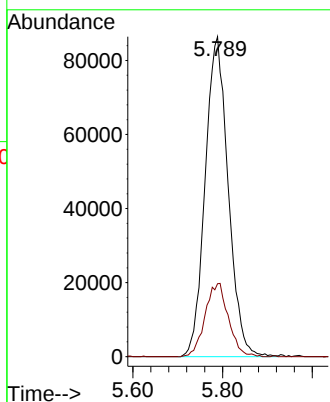
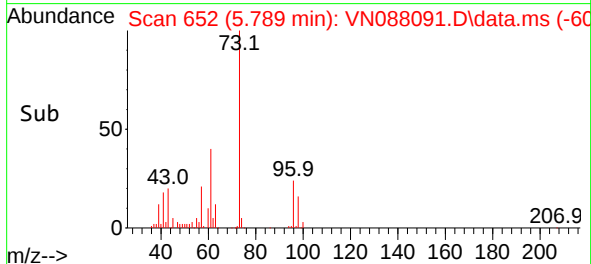
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 73 Resp: 308438
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6

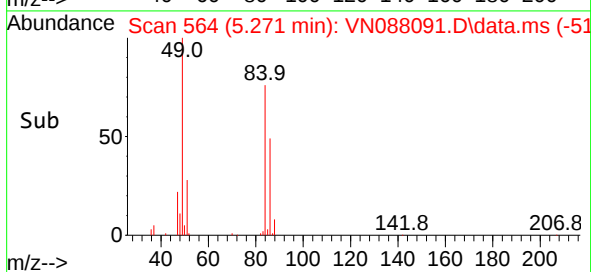
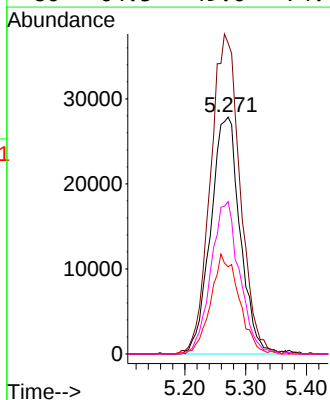
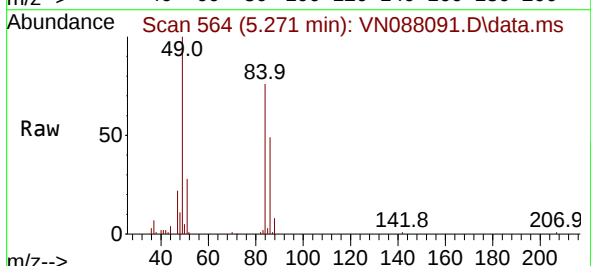
Manual Integrations
APPROVED

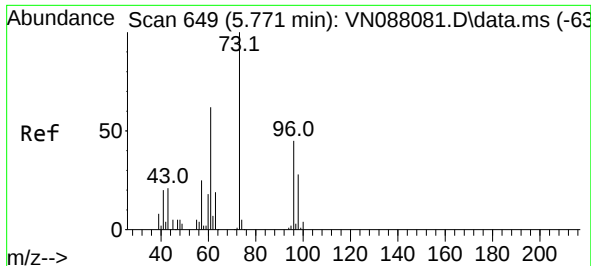
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#20
Methylene Chloride
Concen: 21.069 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

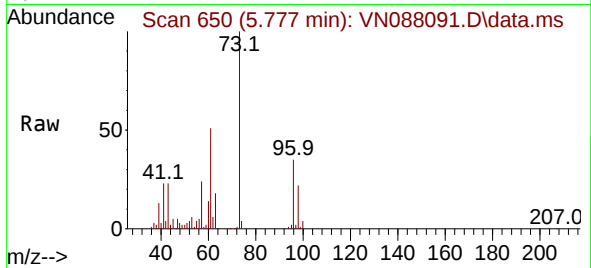
Tgt Ion: 84 Resp: 93452
Ion Ratio Lower Upper
84 100
49 131.3 103.4 155.2
51 36.3 33.8 50.8
86 64.3 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 18.372 ug/l
RT: 5.777 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

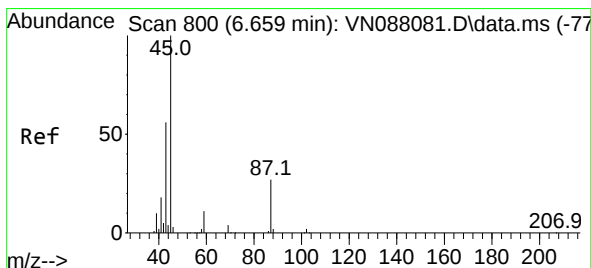
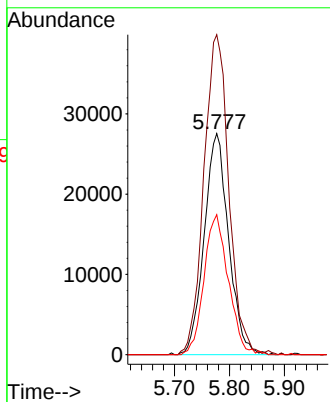
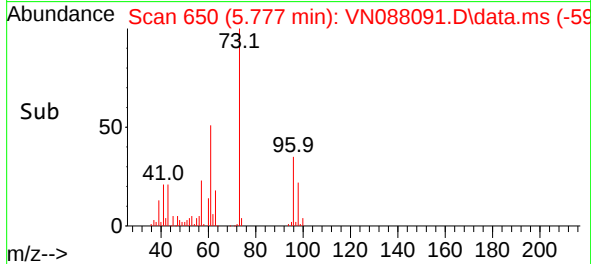
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 96 Resp: 84978
Ion Ratio Lower Upper
96 100
61 144.7 118.0 177.0
98 63.3 50.0 75.0

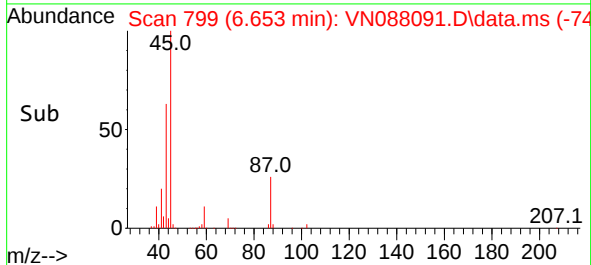
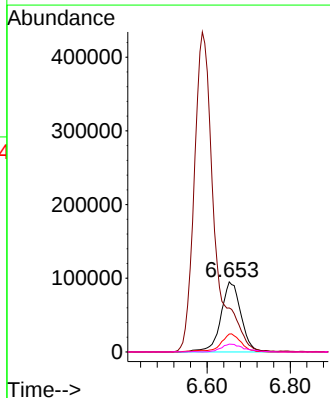
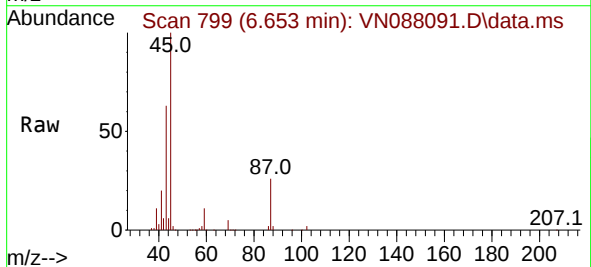
Manual Integrations
APPROVED

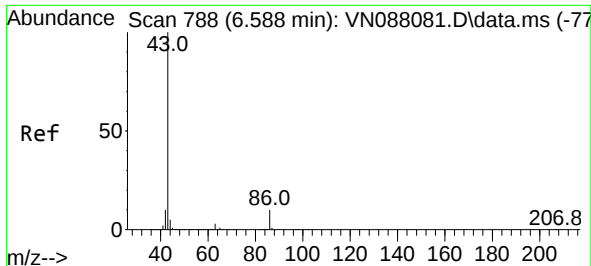
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#22
Diisopropyl ether
Concen: 20.483 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

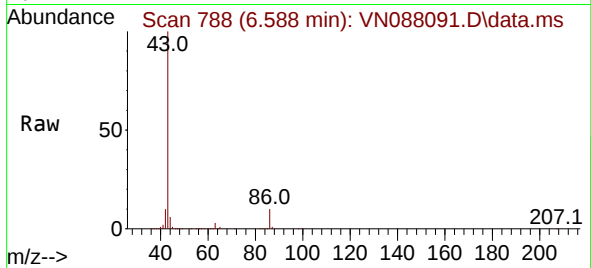
Tgt Ion: 45 Resp: 318161
Ion Ratio Lower Upper
45 100
43 61.9 47.7 71.5
87 25.6 21.4 32.0
59 11.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 103.799 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088091.D
 Acq: 24 Oct 2025 14:16

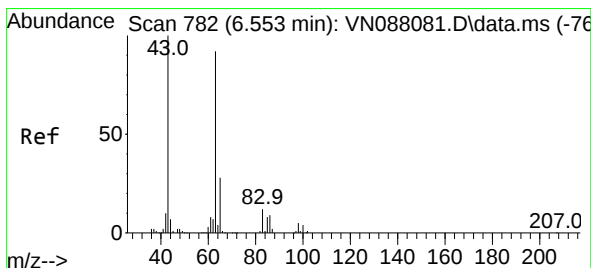
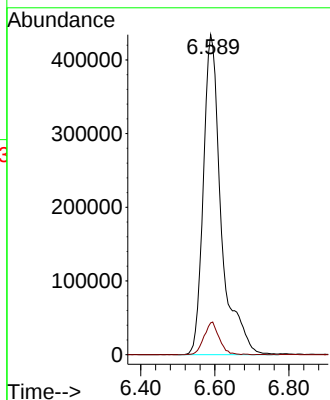
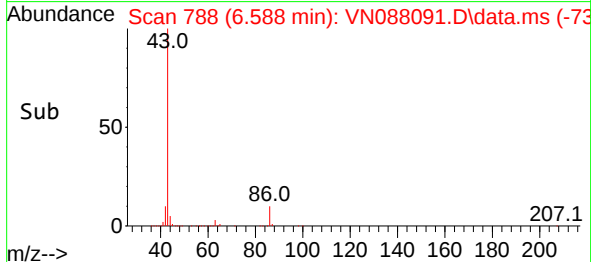
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01



Tgt Ion: 43 Resp: 1452340
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4

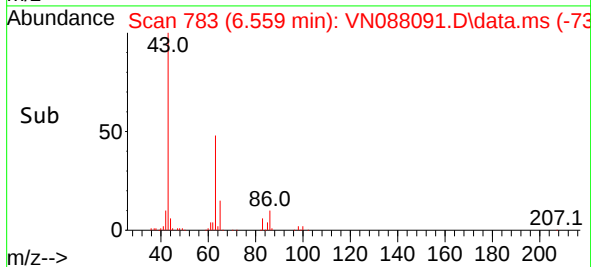
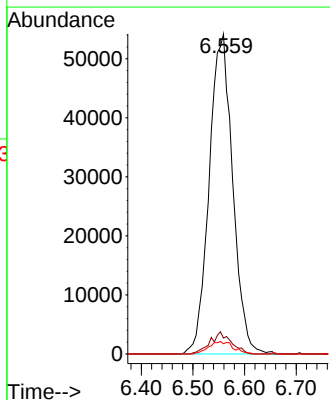
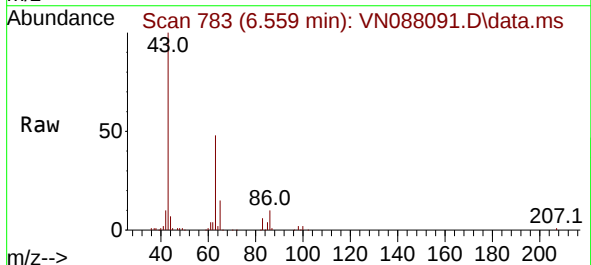
Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/27/2025
 Supervised By :Semsettin Yesilyurt 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 19.886 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. 0.012 min
 Lab File: VN088091.D
 Acq: 24 Oct 2025 14:16

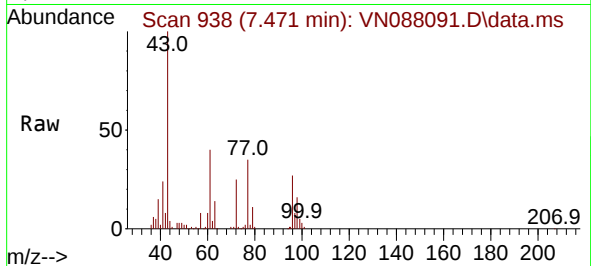
Tgt Ion: 63 Resp: 171106
 Ion Ratio Lower Upper
 63 100
 98 4.9 3.8 11.4
 100 3.2 2.0 6.0





#25
2-Butanone
Concen: 100.475 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

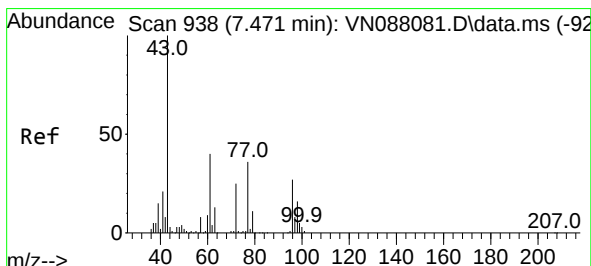
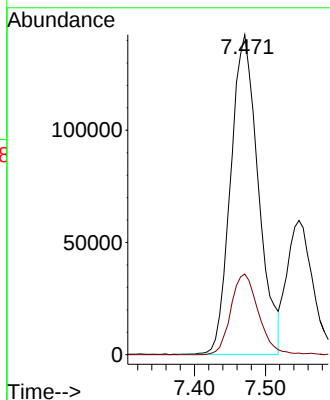
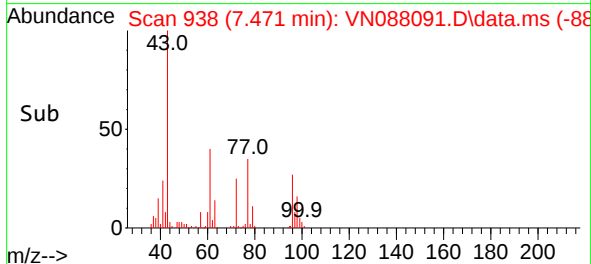
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



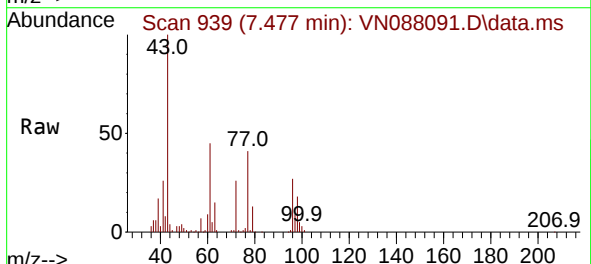
Tgt Ion: 43 Resp: 385650
Ion Ratio Lower Upper
43 100
72 25.2 19.9 29.9

Manual Integrations
APPROVED

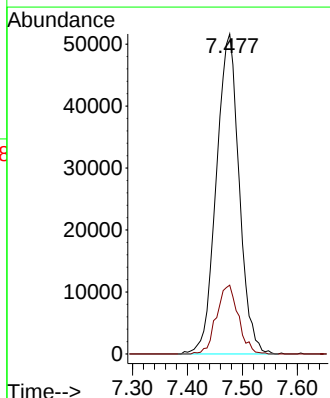
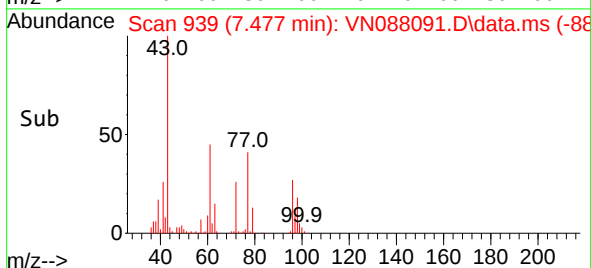
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#26
2,2-Dichloropropane
Concen: 19.038 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



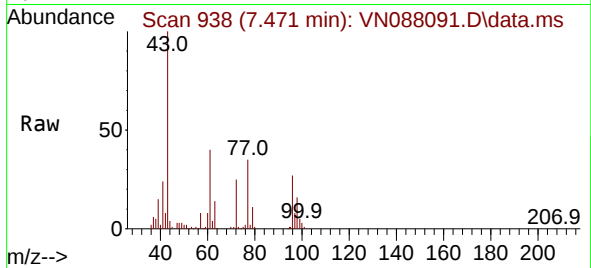
Tgt Ion: 77 Resp: 148860
Ion Ratio Lower Upper
77 100
97 20.6 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.189 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088091.D
 Acq: 24 Oct 2025 14:16

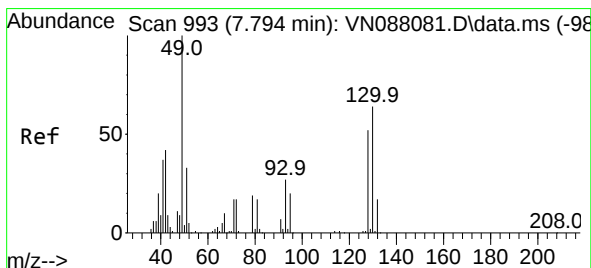
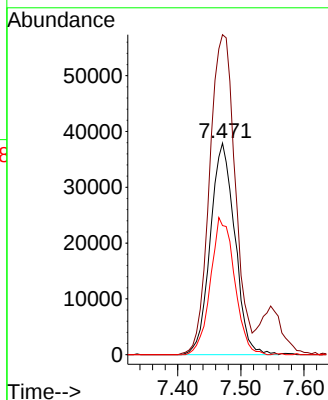
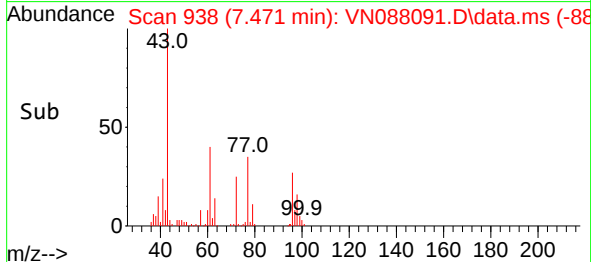
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01



Tgt Ion: 96 Resp: 102179
 Ion Ratio Lower Upper
 96 100
 61 157.8 0.0 301.8
 98 63.7 0.0 126.2

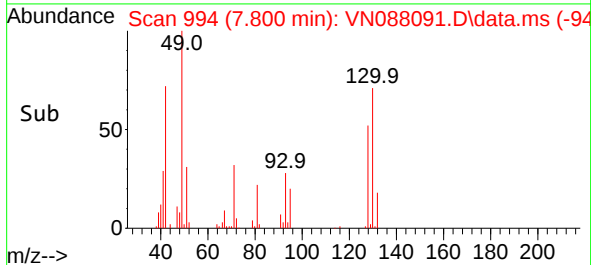
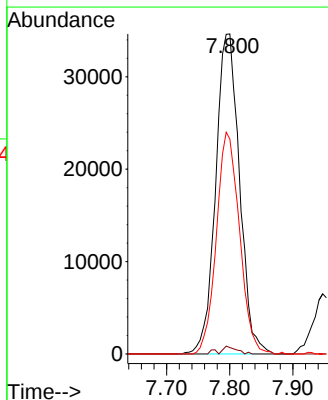
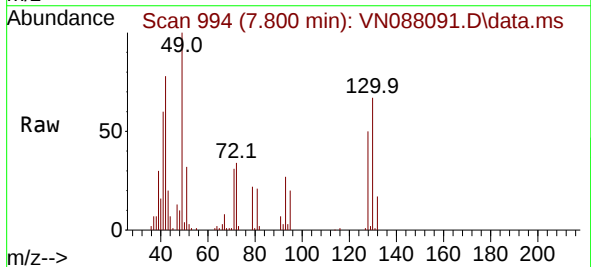
Manual Integrations
 APPROVED

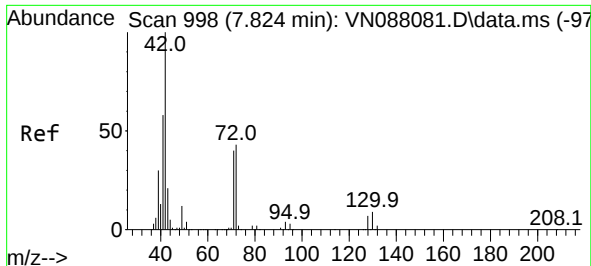
Reviewed By :John Carlone 10/27/2025
 Supervised By :Semsettin Yesilyurt 10/27/2025



#28
 Bromochloromethane
 Concen: 22.377 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN088091.D
 Acq: 24 Oct 2025 14:16

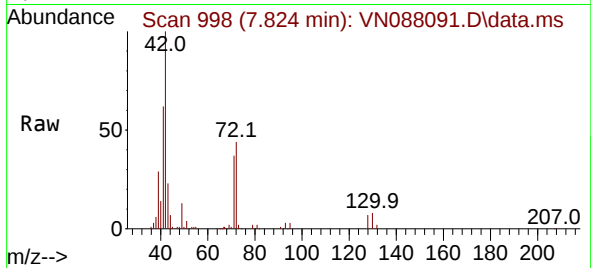
Tgt Ion: 49 Resp: 90975
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 67.0 53.1 79.7





#29
Tetrahydrofuran
Concen: 98.591 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

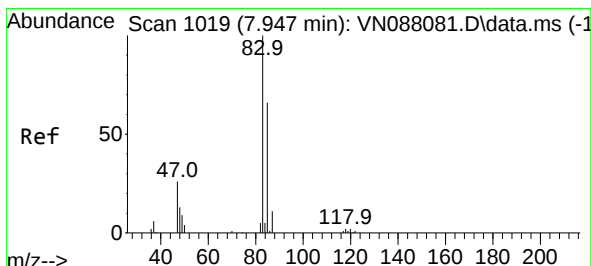
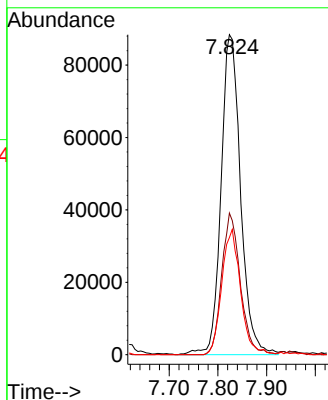
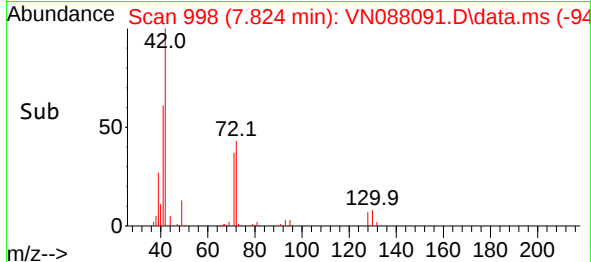
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



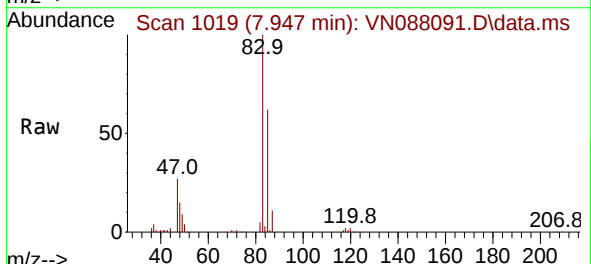
Tgt Ion: 42 Resp: 246610
Ion Ratio Lower Upper
42 100
72 42.2 33.7 50.5
71 37.7 31.9 47.9

Manual Integrations
APPROVED

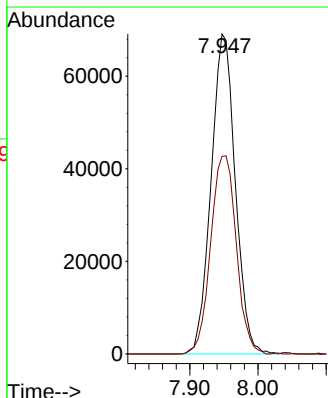
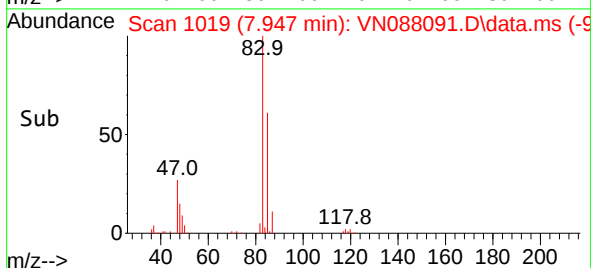
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

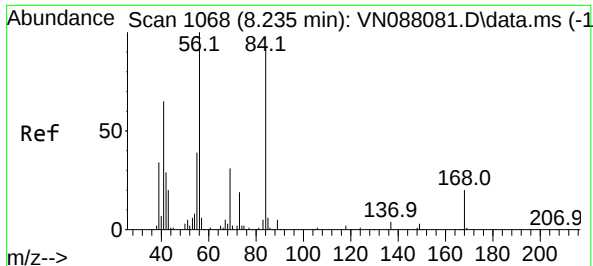


#30
Chloroform
Concen: 19.872 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



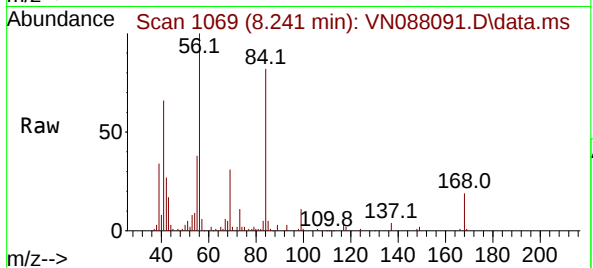
Tgt Ion: 83 Resp: 170812
Ion Ratio Lower Upper
83 100
85 61.8 50.7 76.1





#31
Cyclohexane
Concen: 19.908 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

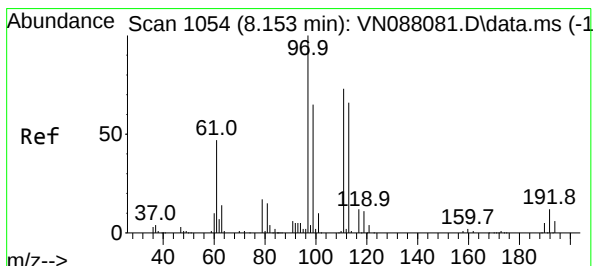
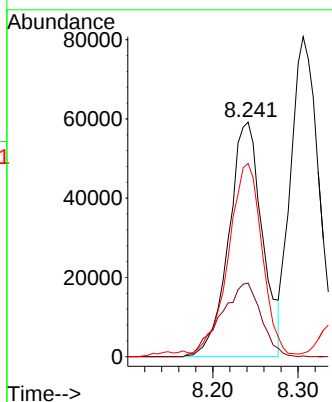
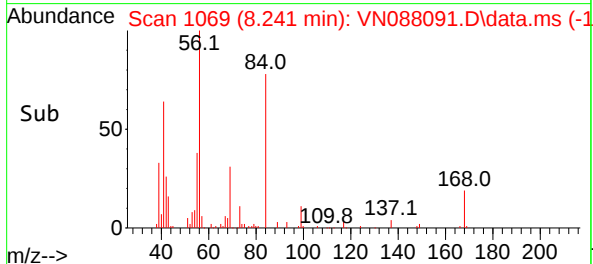
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 56 Resp: 161550
Ion Ratio Lower Upper
56 100
69 31.1 23.7 35.5
84 80.5 64.7 97.1

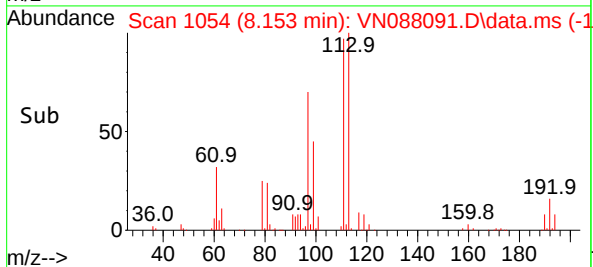
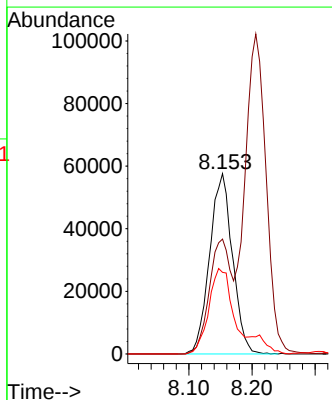
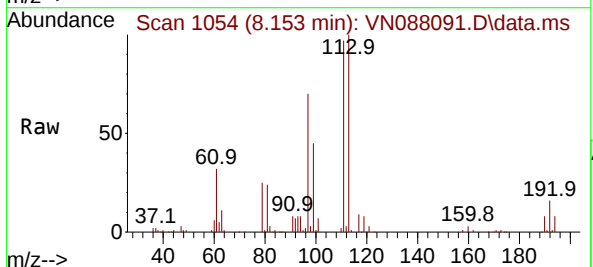
Manual Integrations
APPROVED

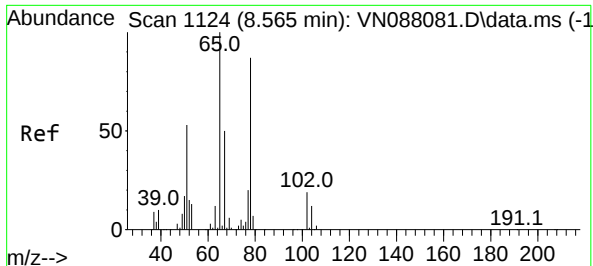
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 18.915 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

Tgt Ion: 97 Resp: 144807
Ion Ratio Lower Upper
97 100
99 60.7 52.2 78.2
61 50.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 50.183 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 65 Resp: 290920

Ion Ratio Lower Upper

65 100

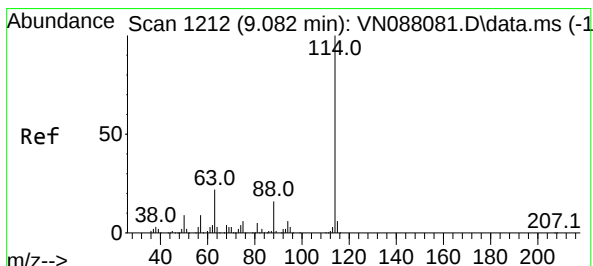
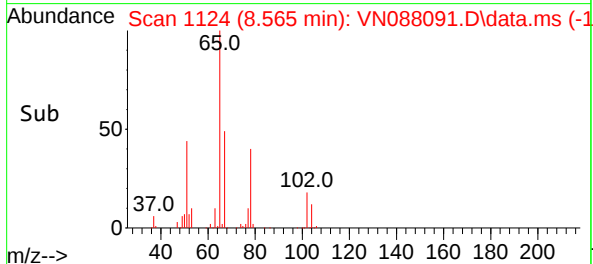
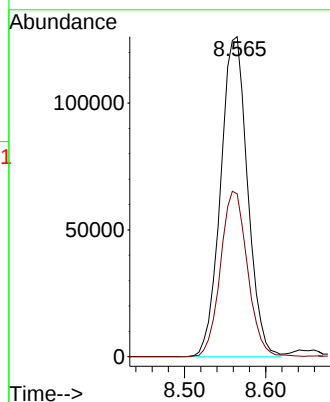
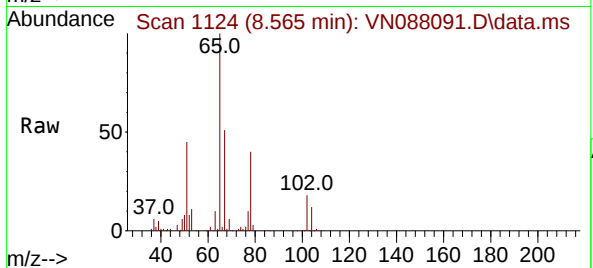
67 51.8 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

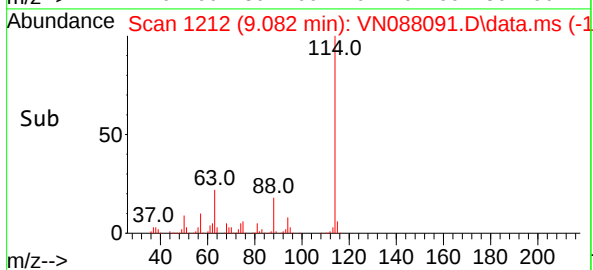
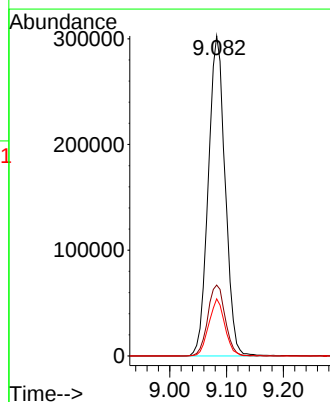
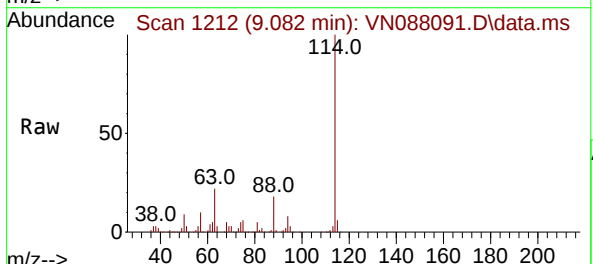
Tgt Ion:114 Resp: 621300

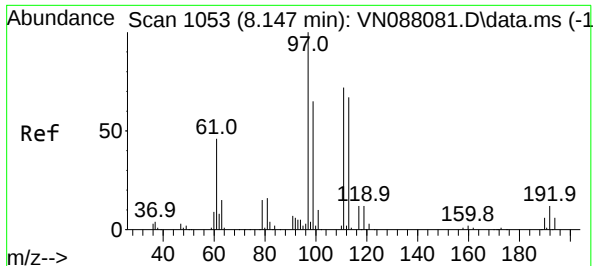
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.2

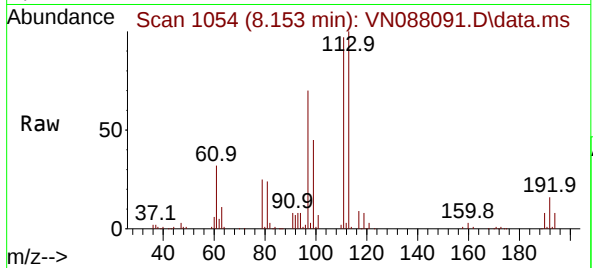
88 17.8 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.159 ug/l
RT: 8.153 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

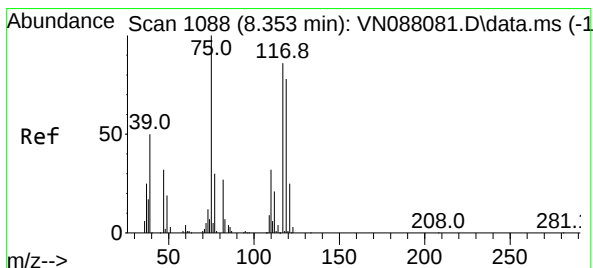
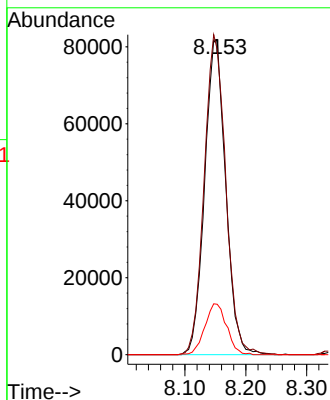
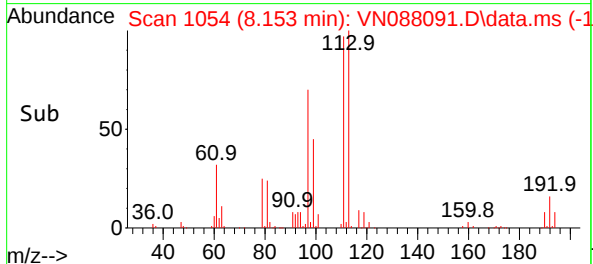
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



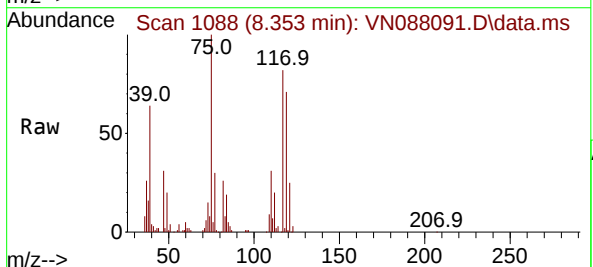
Tgt Ion: 113 Resp: 196838
Ion Ratio Lower Upper
113 100
111 103.8 82.8 124.2
192 16.7 12.8 19.2

Manual Integrations
APPROVED

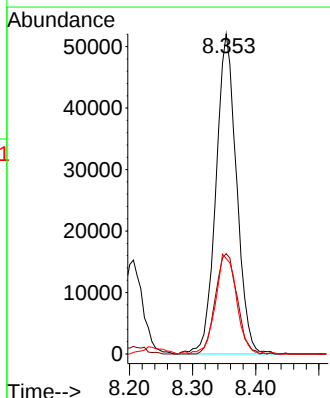
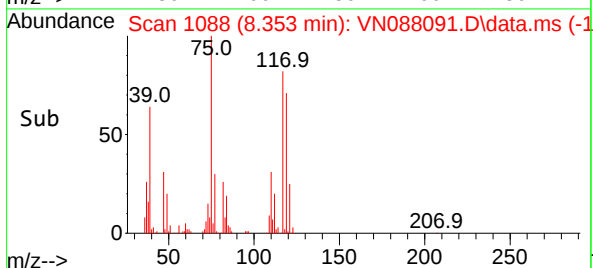
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

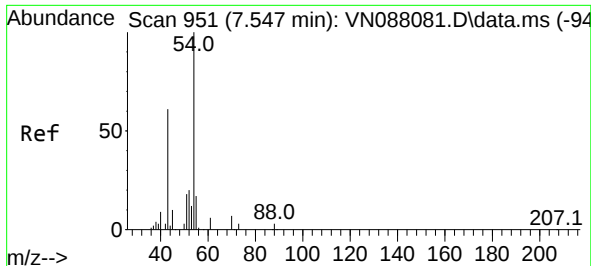


#36
1,1-Dichloropropene
Concen: 19.327 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



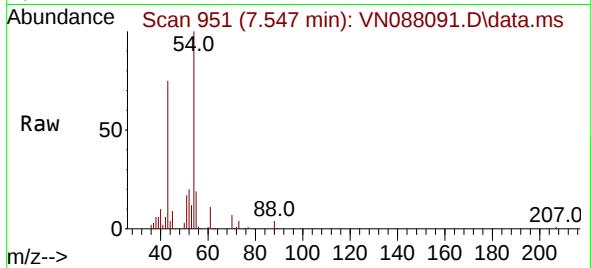
Tgt Ion: 75 Resp: 117787
Ion Ratio Lower Upper
75 100
110 33.1 15.9 47.6
77 31.9 24.4 36.6





#37
Ethyl Acetate
Concen: 19.332 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

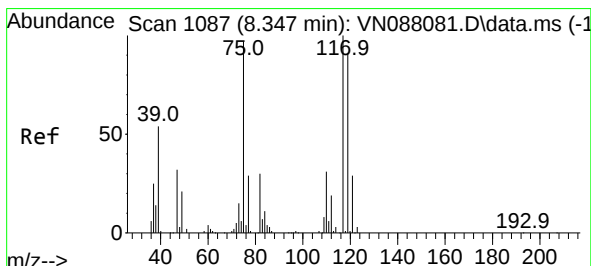
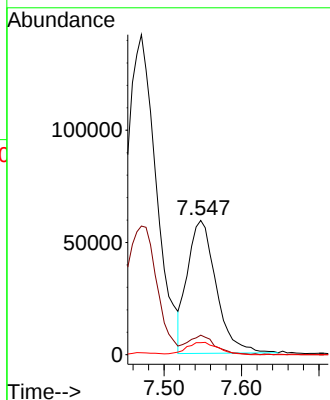
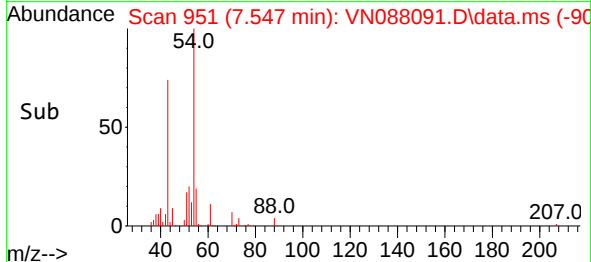
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 43 Resp: 152039
Ion Ratio Lower Upper
43 100
61 13.2 9.3 13.9
70 10.3 7.0 10.6

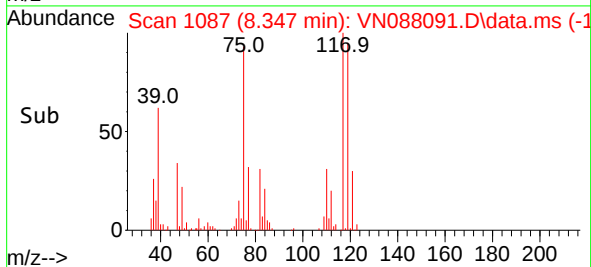
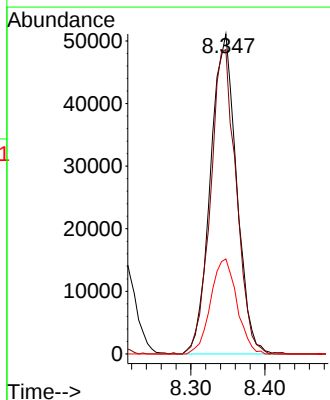
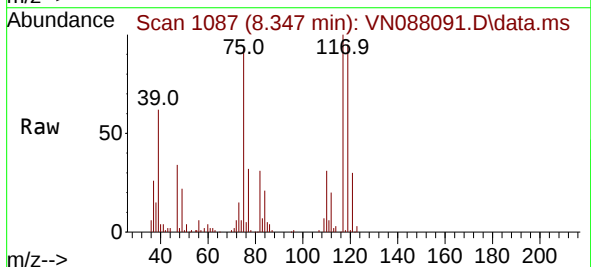
Manual Integrations
APPROVED

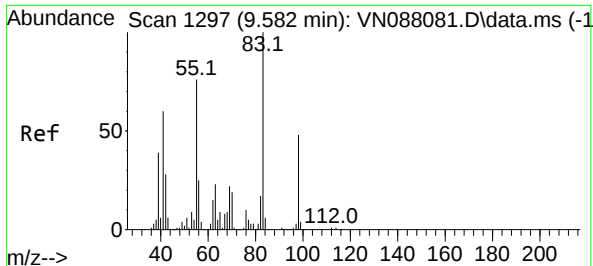
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#38
Carbon Tetrachloride
Concen: 19.808 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

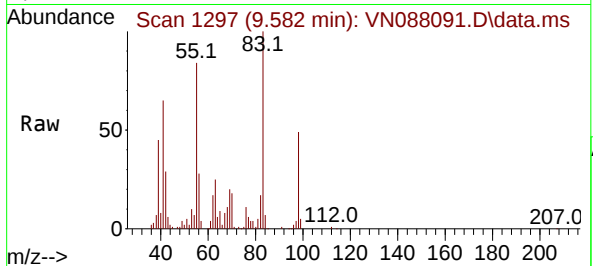
Tgt Ion:117 Resp: 124682
Ion Ratio Lower Upper
117 100
119 95.1 79.0 118.6
121 29.7 25.0 37.6





#39
Methylcyclohexane
Concen: 18.351 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

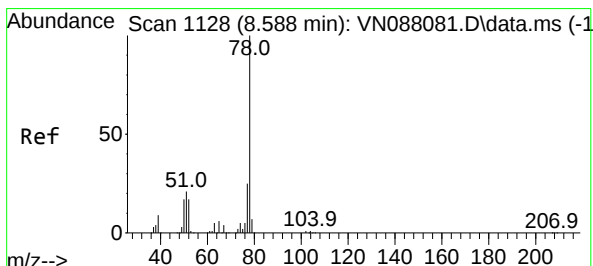
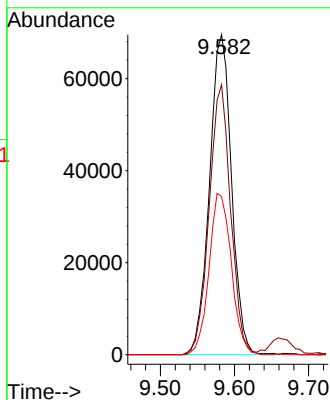
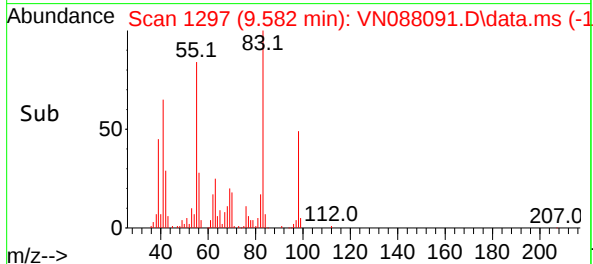
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 83 Resp: 143750
Ion Ratio Lower Upper
83 100
55 84.4 64.6 96.8
98 49.4 38.4 57.6

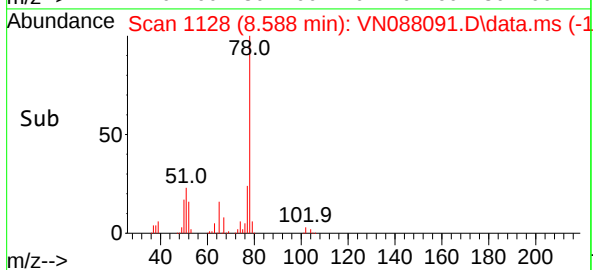
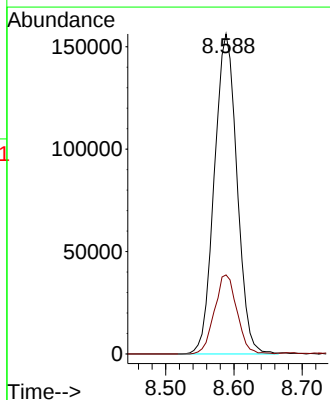
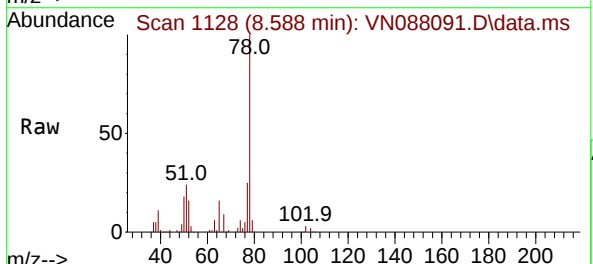
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#40
Benzene
Concen: 19.453 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

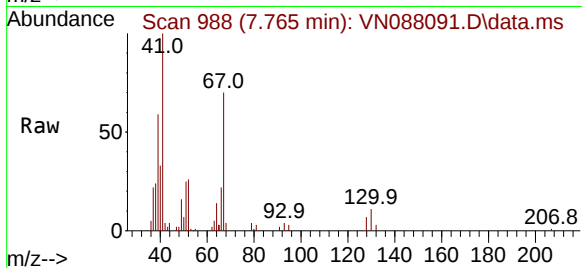
Tgt Ion: 78 Resp: 361061
Ion Ratio Lower Upper
78 100
77 24.7 19.7 29.5





#41
Methacrylonitrile
Concen: 19.287 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

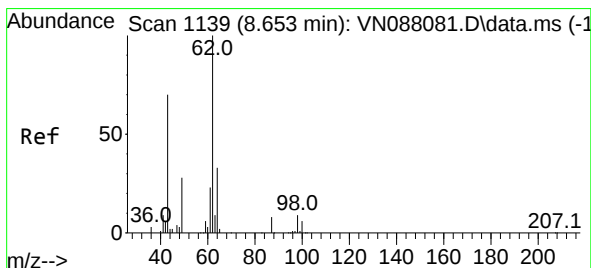
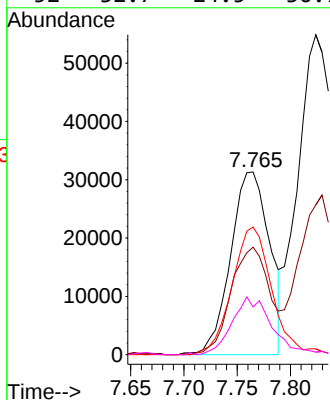
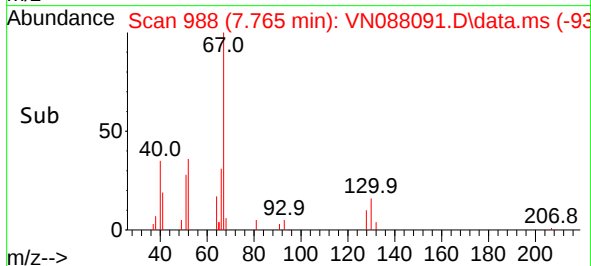
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



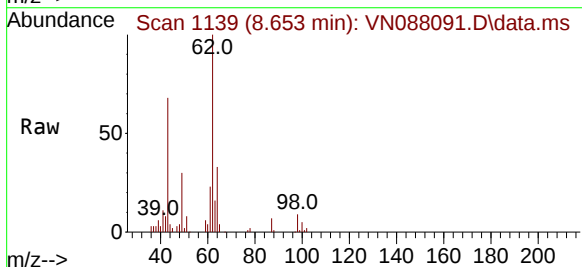
Tgt Ion: 41 Resp: 7983
Ion Ratio Lower Upper
41 100
39 57.9 45.4 68.0
67 71.3 55.3 82.9
52 32.7 24.5 36.7

Manual Integrations
APPROVED

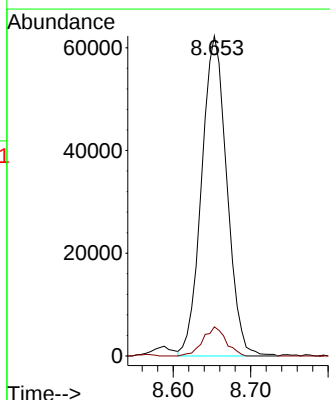
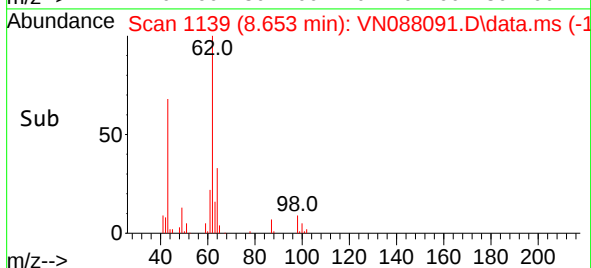
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

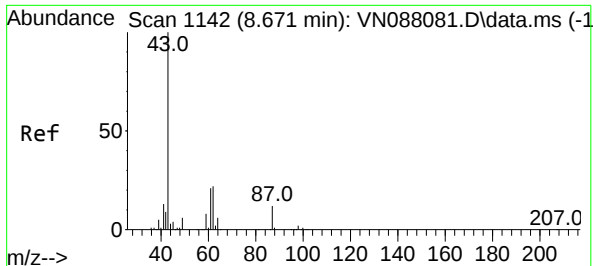


#42
1,2-Dichloroethane
Concen: 21.403 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



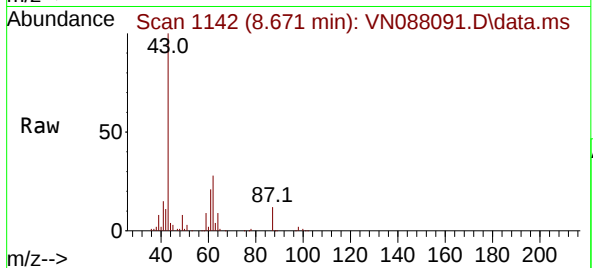
Tgt Ion: 62 Resp: 141145
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.4





#43
Isopropyl Acetate
Concen: 20.768 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

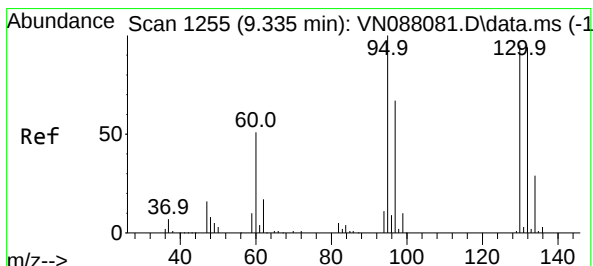
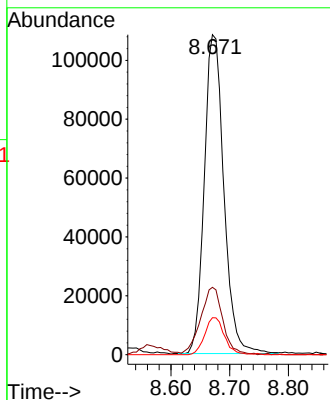
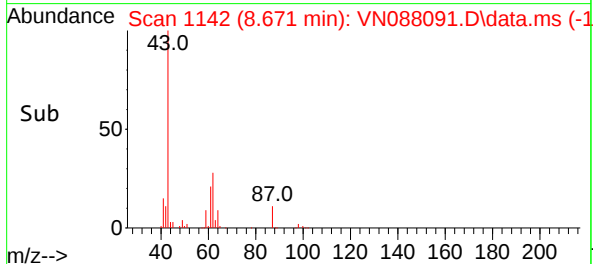
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 43 Resp: 250979
Ion Ratio Lower Upper
43 100
61 23.9 18.8 28.2
87 11.6 9.6 14.4

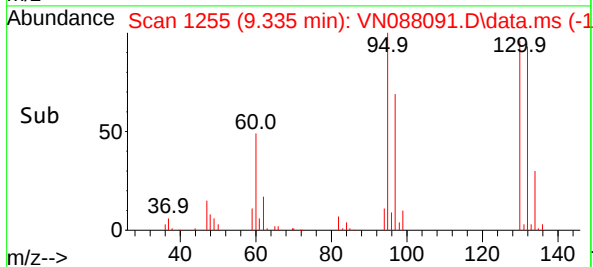
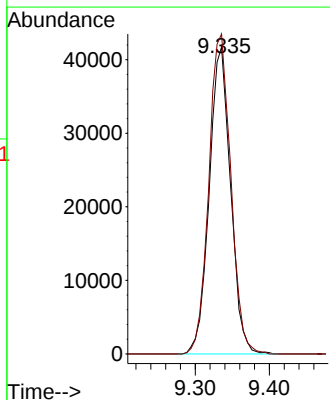
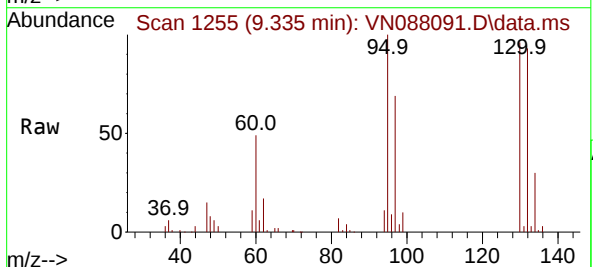
Manual Integrations
APPROVED

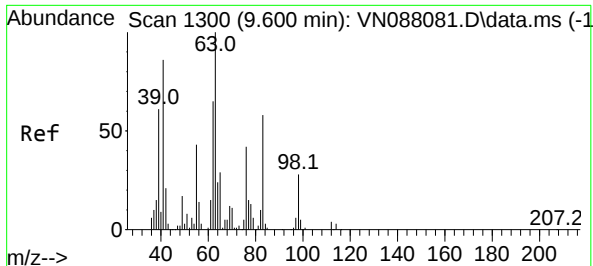
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#44
Trichloroethene
Concen: 19.202 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

Tgt Ion:130 Resp: 83305
Ion Ratio Lower Upper
130 100
95 104.2 0.0 212.0





#45

1,2-Dichloropropane

Concen: 20.354 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 63 Resp: 9537

Ion Ratio Lower Upper

63 100

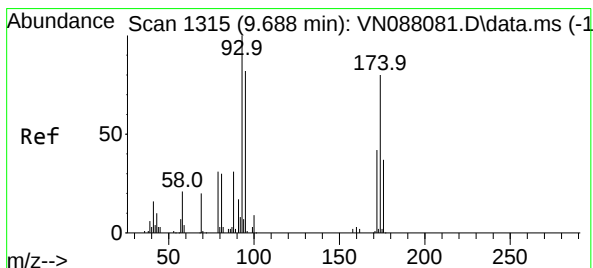
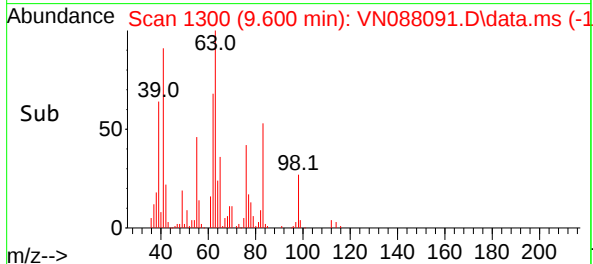
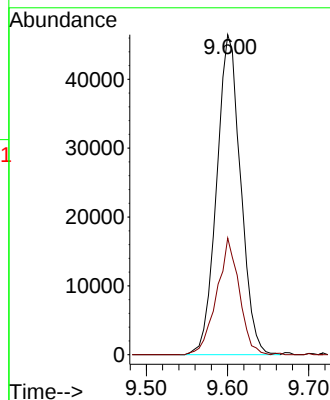
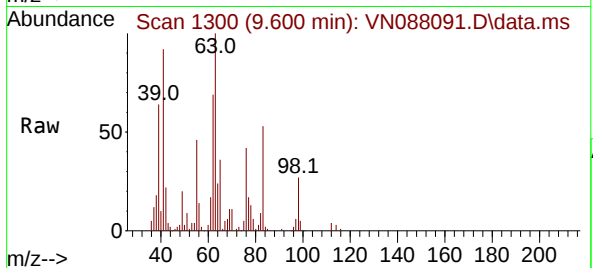
65 36.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#46

Dibromomethane

Concen: 20.361 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

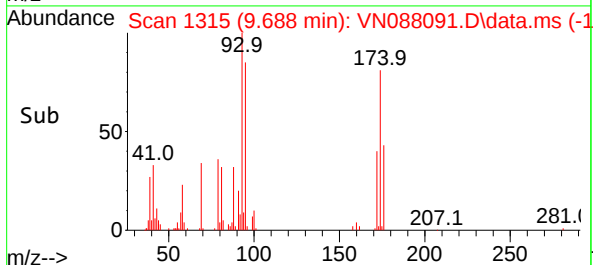
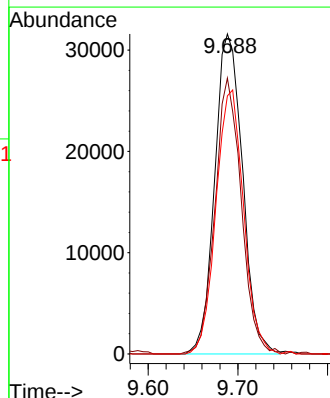
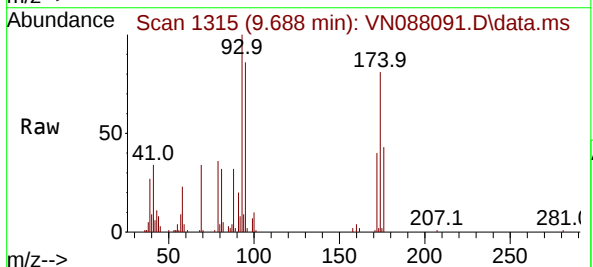
Tgt Ion: 93 Resp: 68045

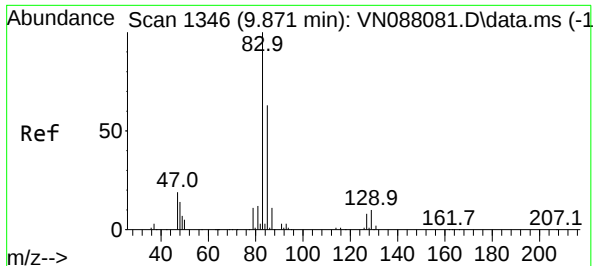
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

174 81.8 63.4 95.2





#47

Bromodichloromethane

Concen: 20.164 ug/l

RT: 9.871 min Scan# 1346

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 83 Resp: 13491

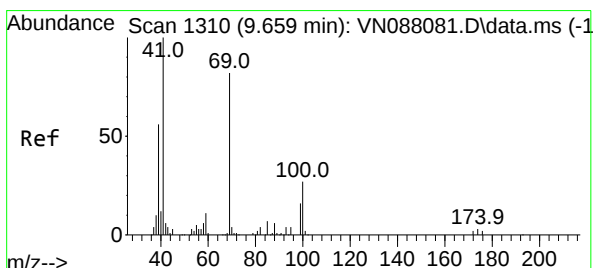
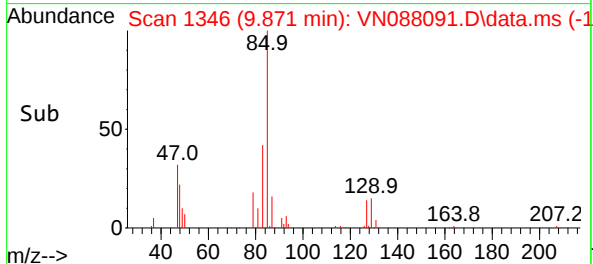
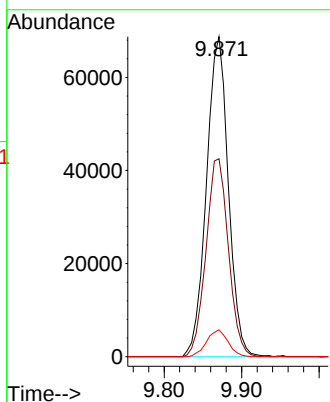
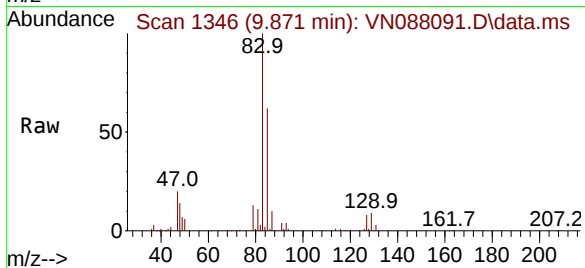
Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.5	78.7
127	8.4	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#48

Methyl methacrylate

Concen: 20.424 ug/l

RT: 9.665 min Scan# 1311

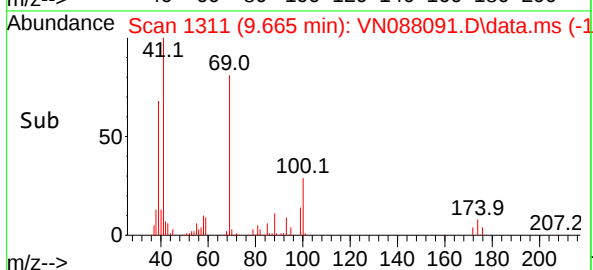
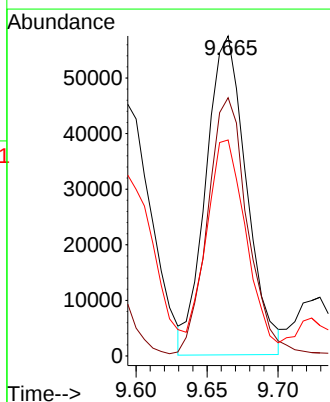
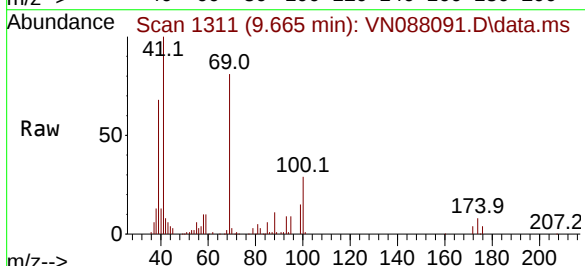
Delta R.T. -0.000 min

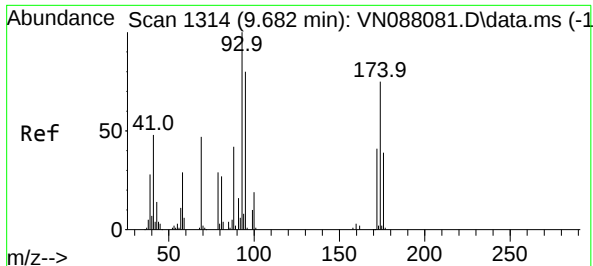
Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

Tgt Ion: 41 Resp: 113954

Ion	Ratio	Lower	Upper
41	100		
69	80.4	62.7	94.1
39	66.3	52.9	79.3





#49

1,4-Dioxane

Concen: 399.631 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion: 88 Resp: 2773

Ion Ratio Lower Upper

88 100

43 24.1 0.0 0.0

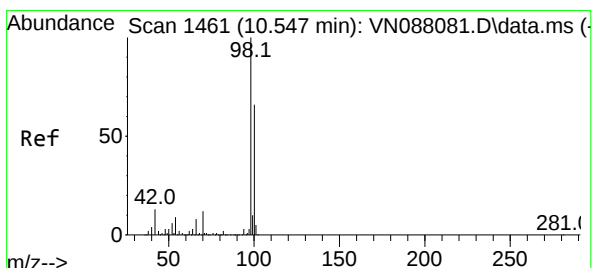
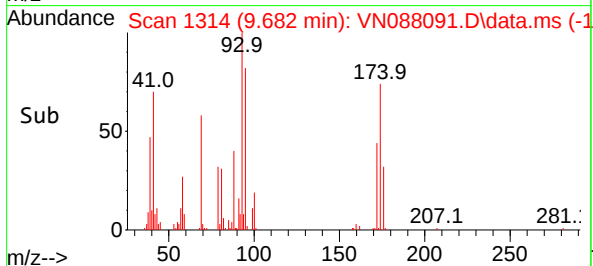
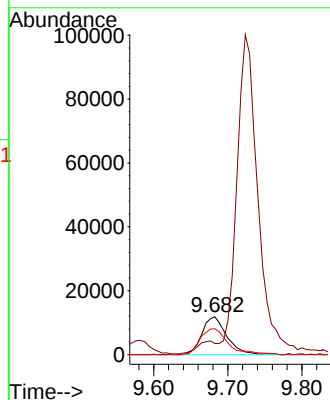
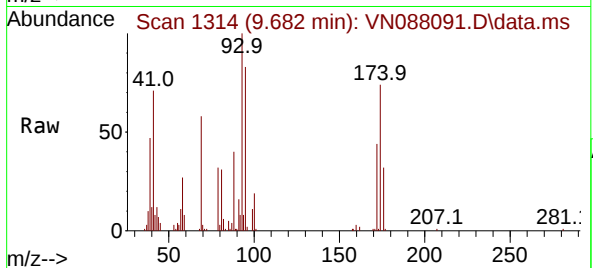
58 76.9 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#50

Toluene-d8

Concen: 46.134 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088091.D

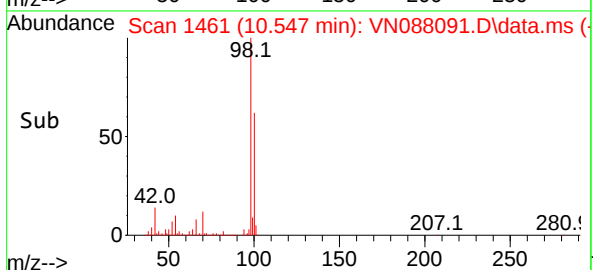
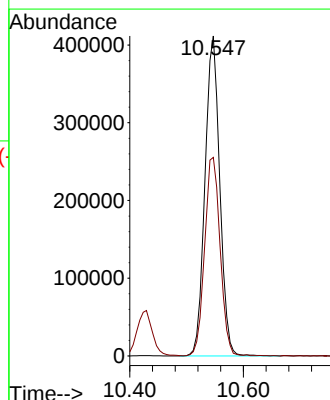
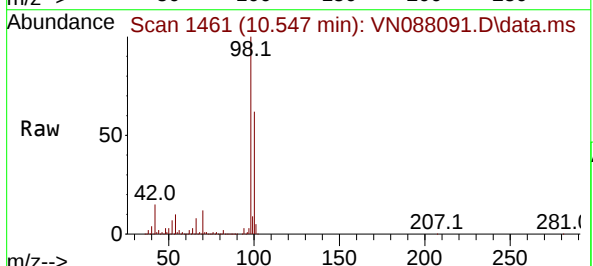
Acq: 24 Oct 2025 14:16

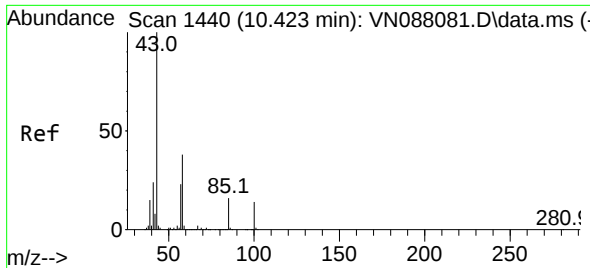
Tgt Ion: 98 Resp: 741964

Ion Ratio Lower Upper

98 100

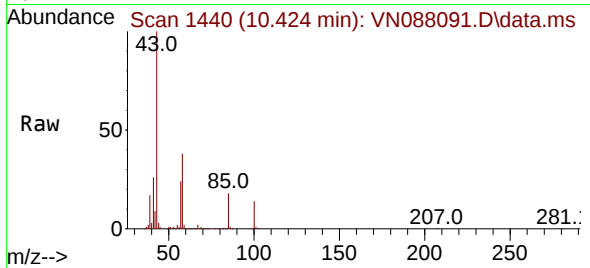
100 64.8 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 104.984 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

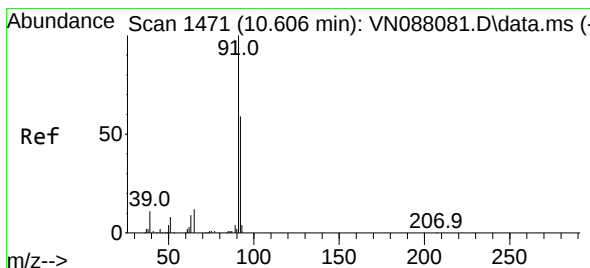
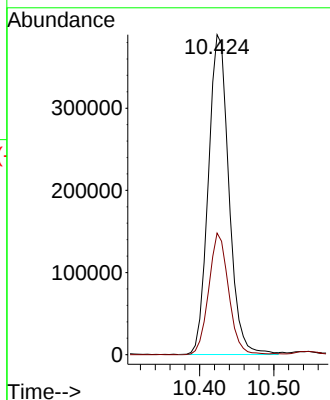
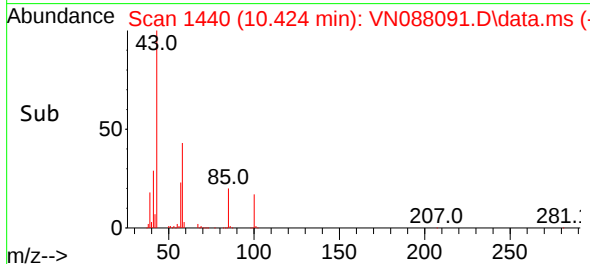
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 43 Resp: 750568
Ion Ratio Lower Upper
43 100
58 36.8 29.6 44.4

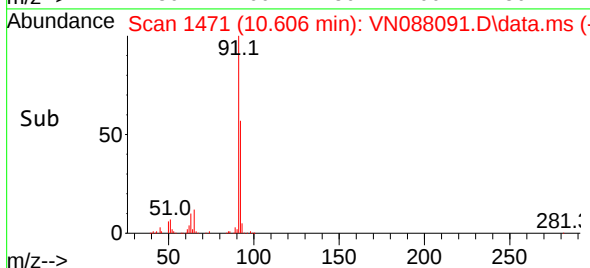
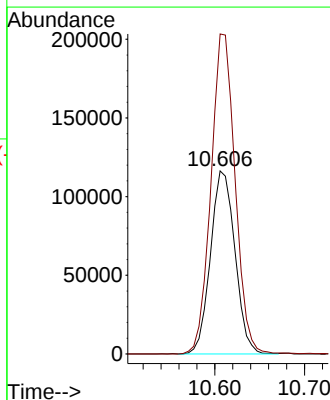
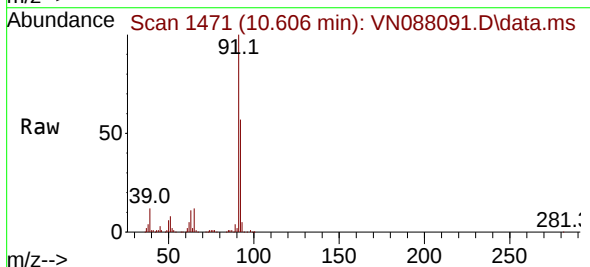
Manual Integrations
APPROVED

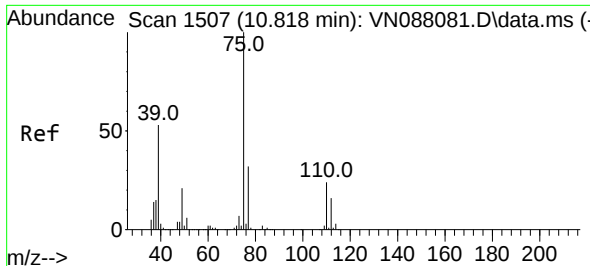
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#52
Toluene
Concen: 19.253 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

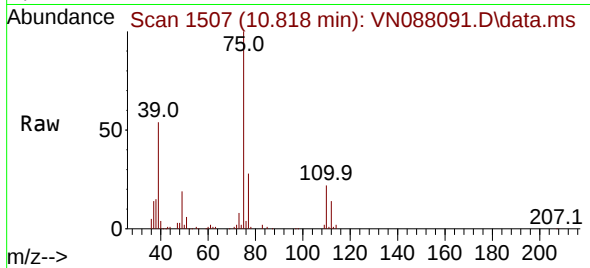
Tgt Ion: 92 Resp: 220316
Ion Ratio Lower Upper
92 100
91 172.8 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 19.979 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

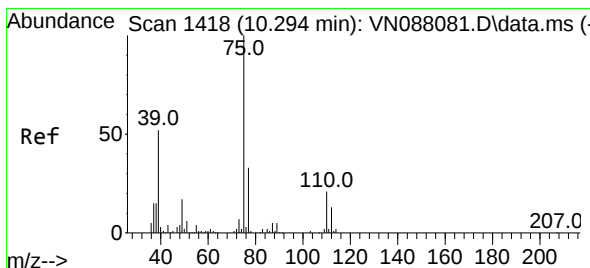
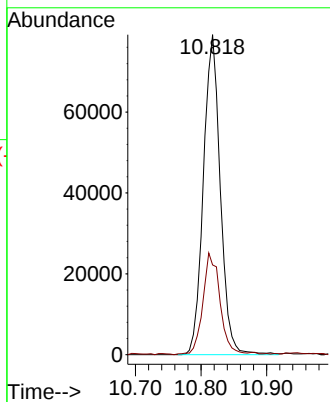
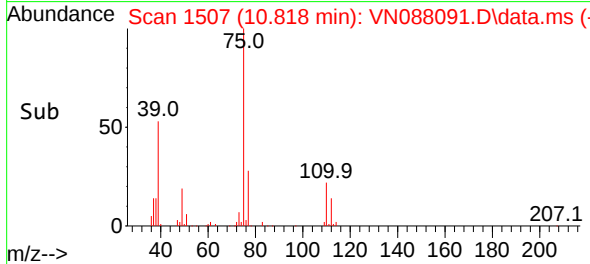
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 75 Resp: 142270
Ion Ratio Lower Upper
75 100
77 27.8 25.2 37.8

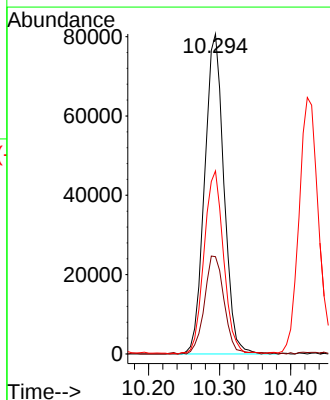
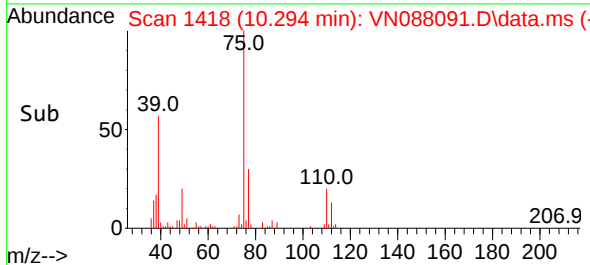
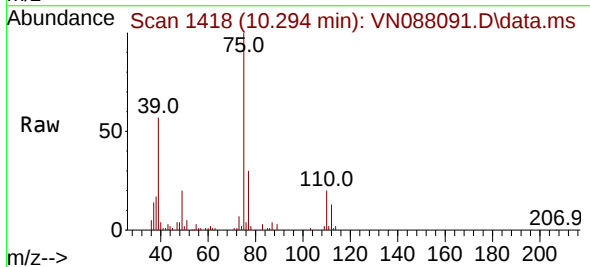
Manual Integrations
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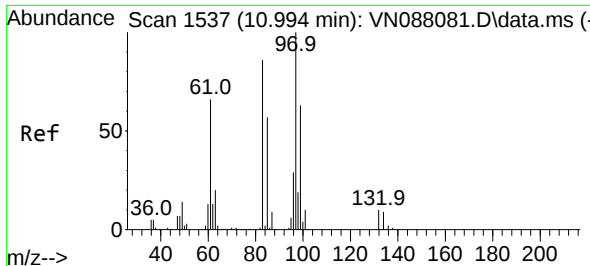
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#54
cis-1,3-Dichloropropene
Concen: 20.173 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

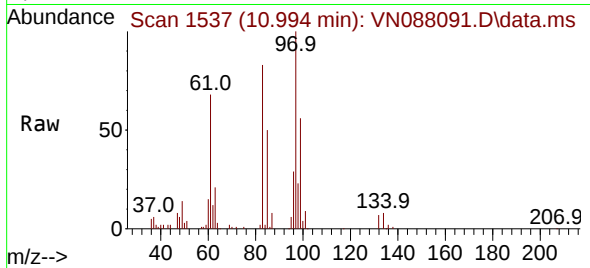
Tgt Ion: 75 Resp: 152435
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0
39 57.2 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 20.239 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

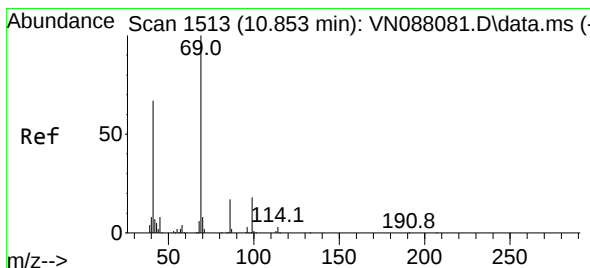
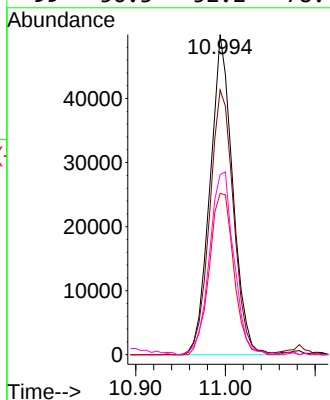
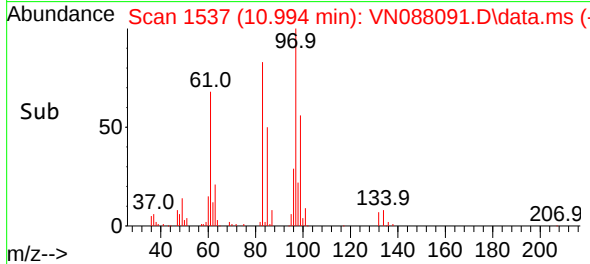
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:	97	Resp:	8786
Ion Ratio	Lower	Upper	
97	100		
83	82.7	68.2	102.4
85	50.4	45.5	68.3
99	56.3	52.2	78.4

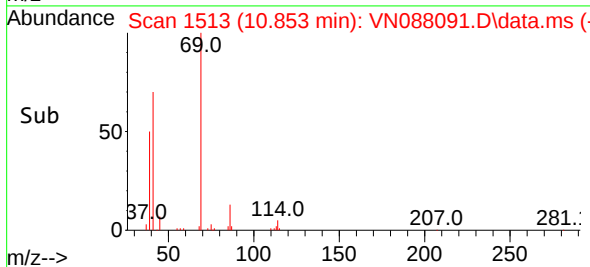
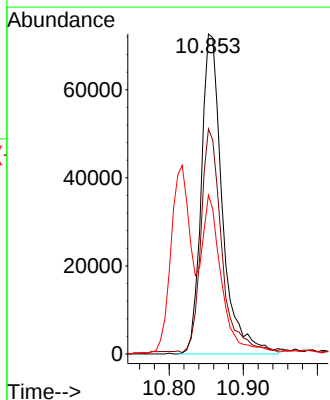
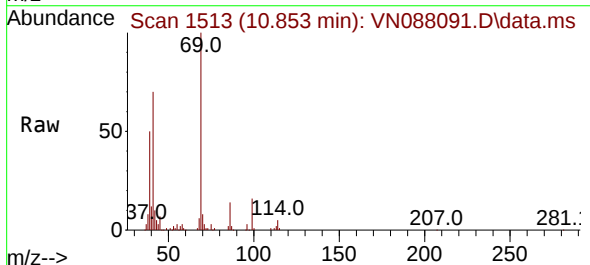
Manual Integrations
APPROVED

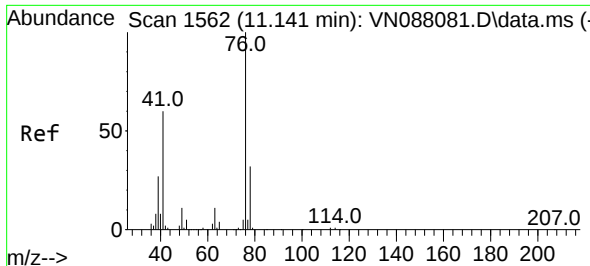
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#56
Ethyl methacrylate
Concen: 20.915 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

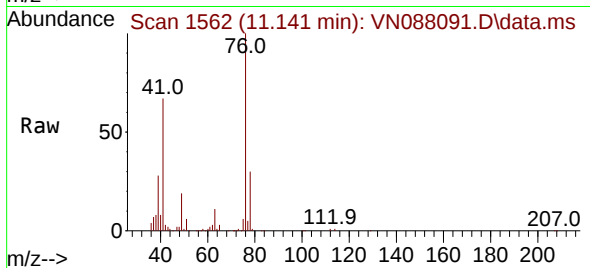
Tgt Ion:	69	Resp:	143695
Ion Ratio	Lower	Upper	
69	100		
41	69.4	56.5	84.7
39	46.0	34.2	51.4





#57
1,3-Dichloropropane
Concen: 20.431 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

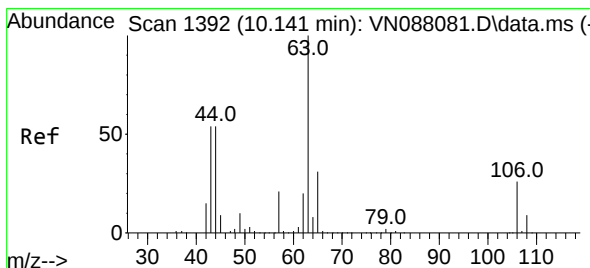
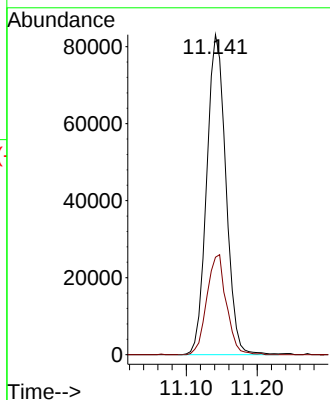
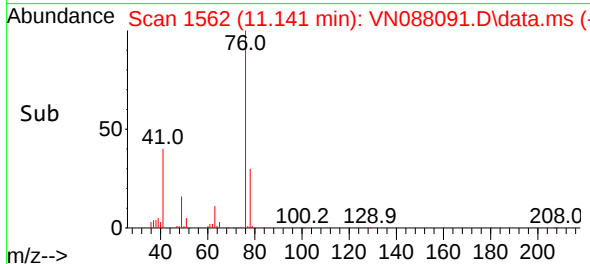
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 76 Resp: 155904
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4

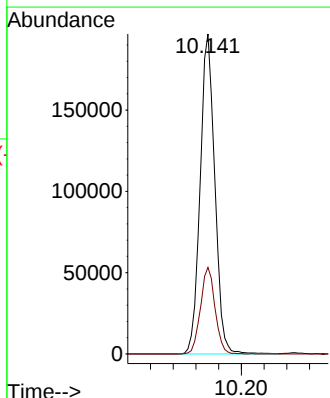
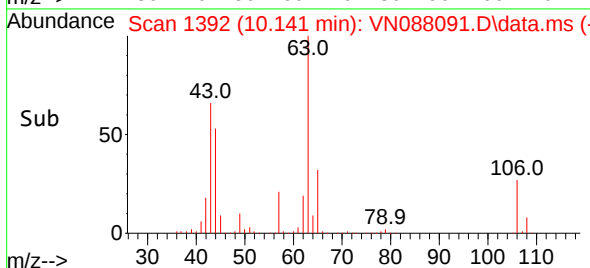
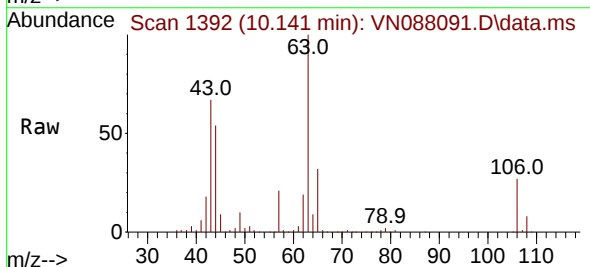
Manual Integrations
APPROVED

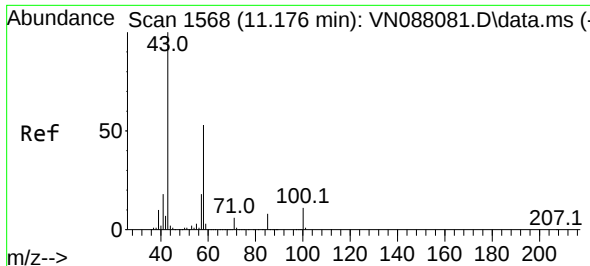
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 98.481 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

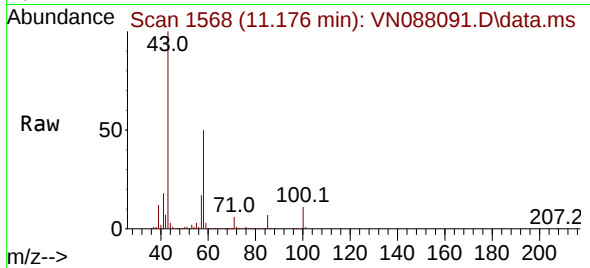
Tgt Ion: 63 Resp: 351936
Ion Ratio Lower Upper
63 100
106 26.7 21.1 31.7





#59
2-Hexanone
Concen: 103.667 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

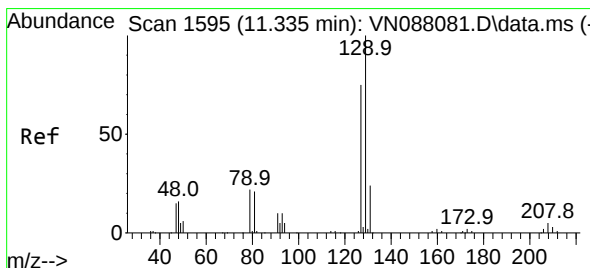
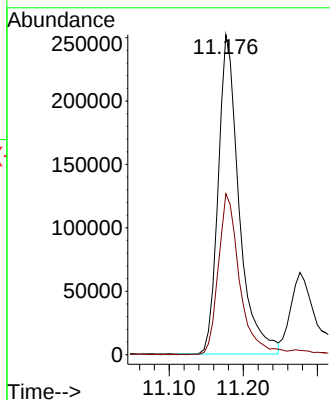
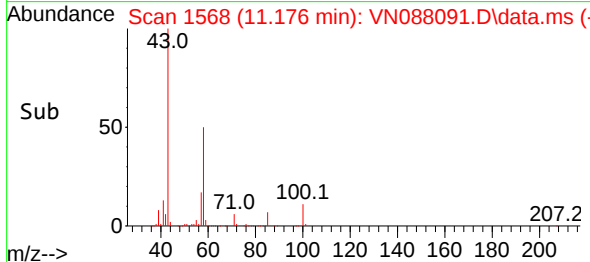
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 43 Resp: 491662
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.8

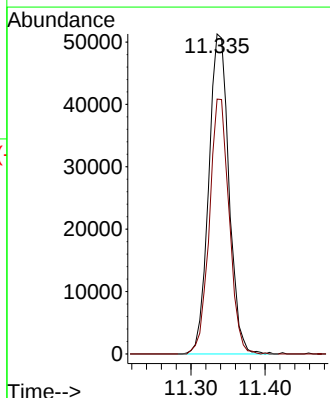
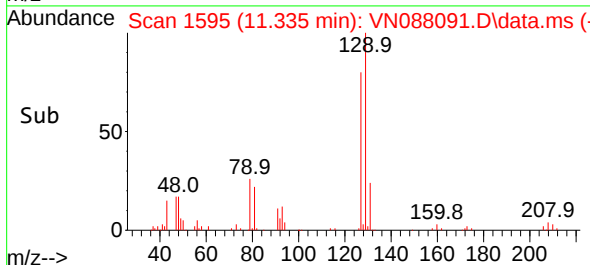
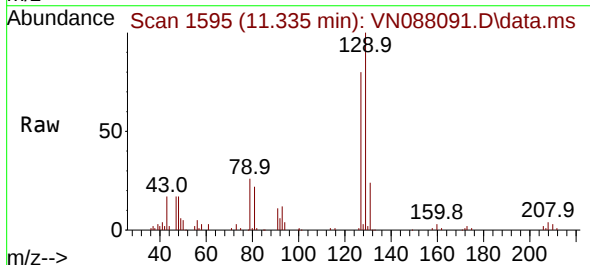
Manual Integrations
APPROVED

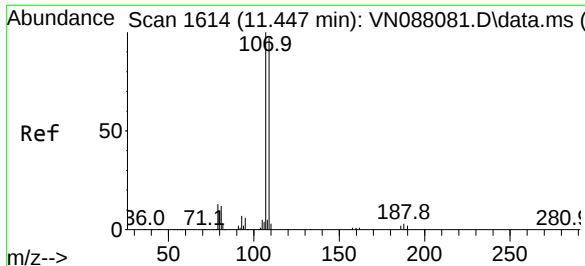
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#60
Dibromochloromethane
Concen: 19.710 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

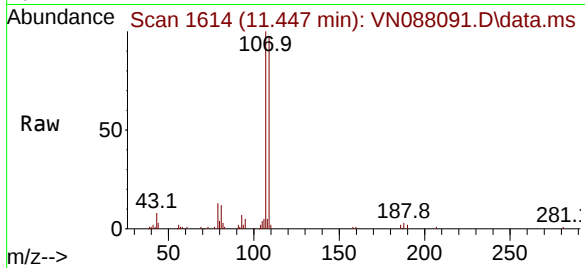
Tgt Ion:129 Resp: 97257
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.3





#61
1,2-Dibromoethane
Concen: 20.206 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

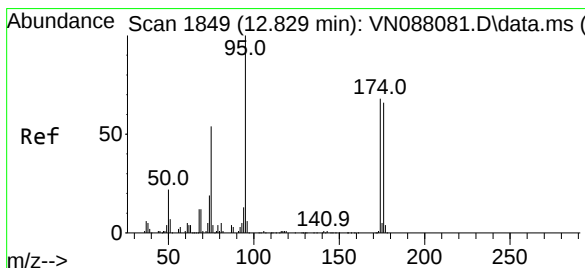
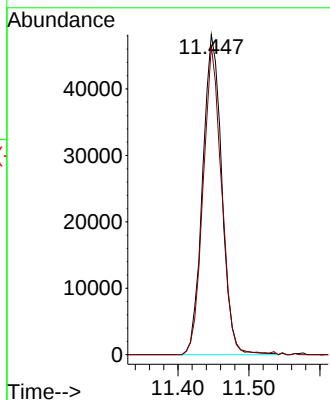
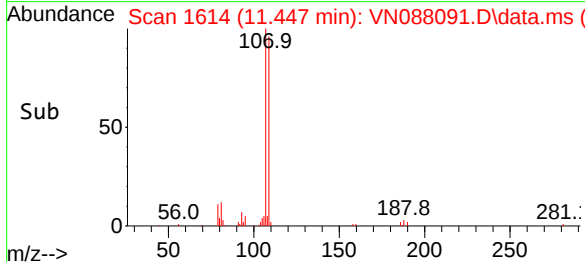
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



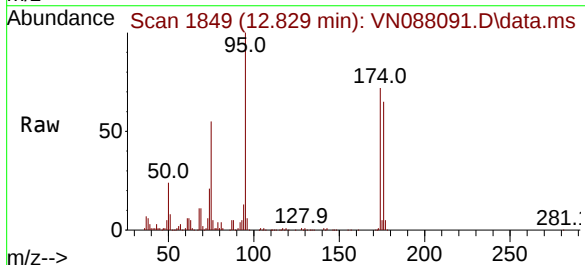
Tgt Ion:107 Resp: 9028
Ion Ratio Lower Upper
107 100
109 93.1 74.7 112.1

Manual Integrations
APPROVED

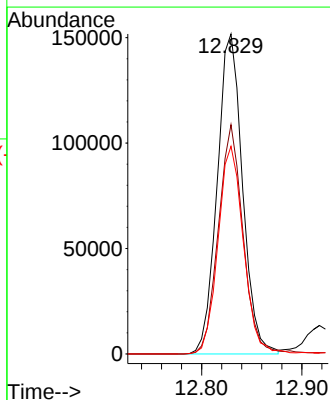
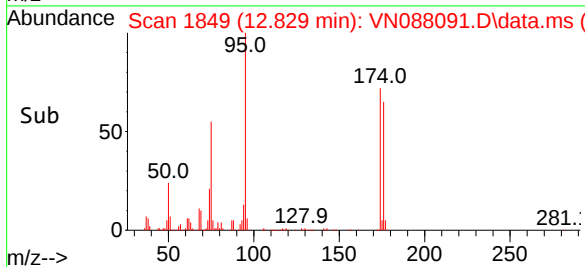
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

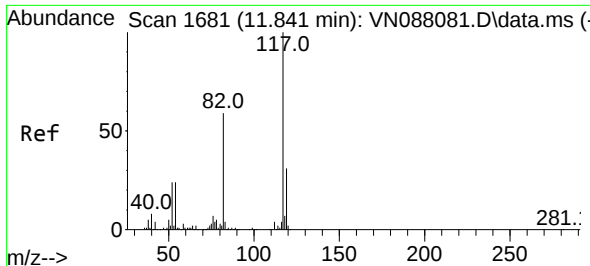


#62
4-Bromofluorobenzene
Concen: 46.731 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



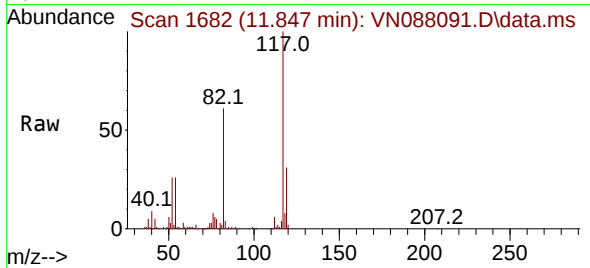
Tgt Ion: 95 Resp: 265424
Ion Ratio Lower Upper
95 100
174 70.1 0.0 138.4
176 65.3 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

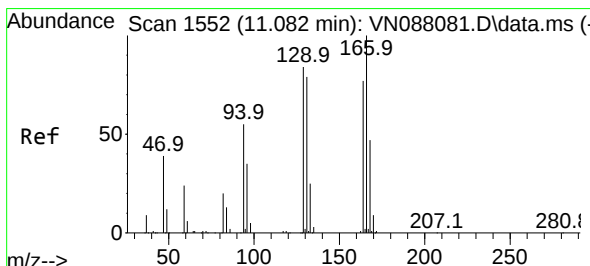
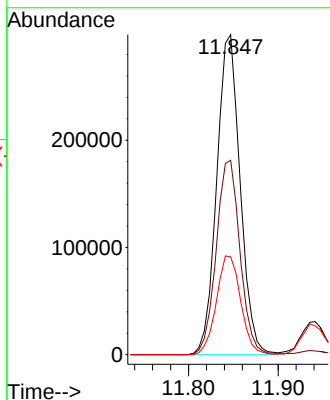
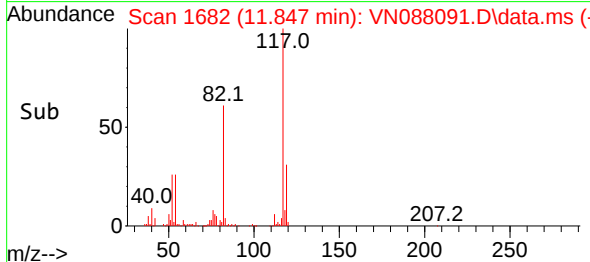
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:117 Resp: 54142
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 30.5 24.3 36.5

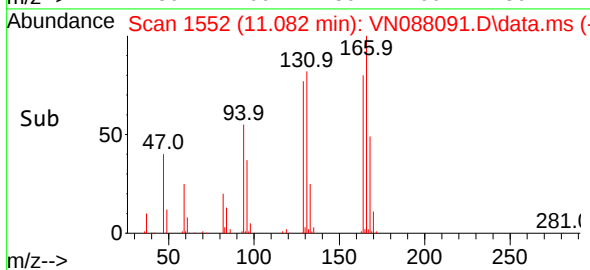
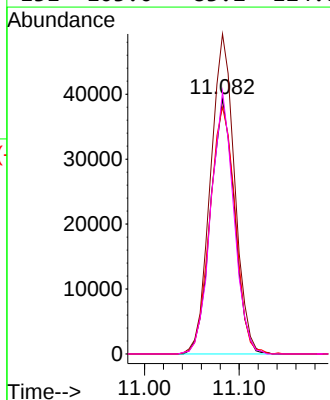
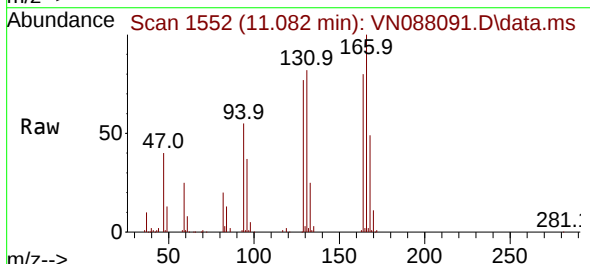
Manual Integrations
APPROVED

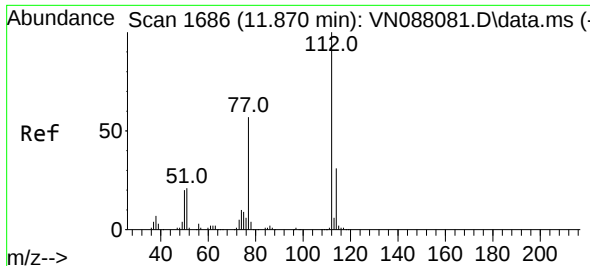
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#64
Tetrachloroethene
Concen: 19.245 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

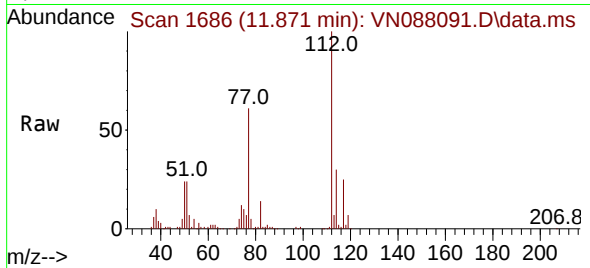
Tgt Ion:164 Resp: 68730
Ion Ratio Lower Upper
164 100
166 125.5 97.7 146.5
129 96.9 85.9 128.9
131 103.0 83.2 124.8





#65
Chlorobenzene
Concen: 19.404 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

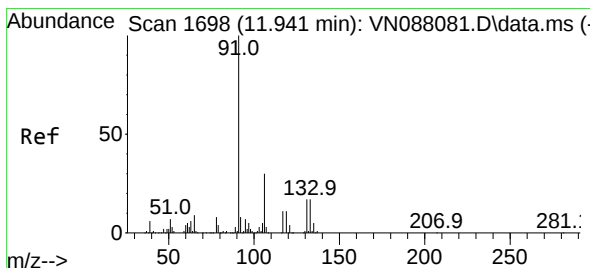
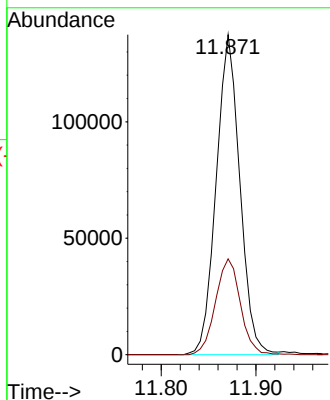
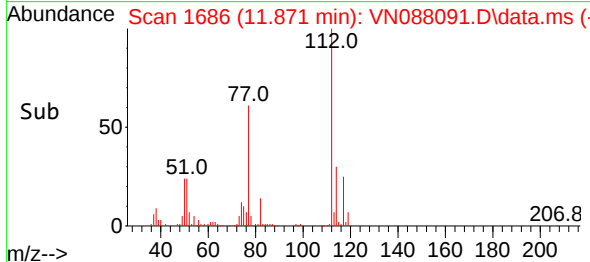
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



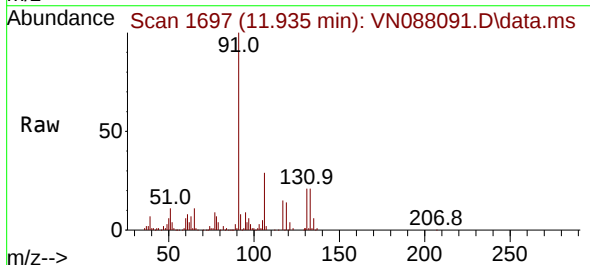
Tgt Ion:112 Resp: 238554
Ion Ratio Lower Upper
112 100
114 29.9 24.3 36.5

Manual Integrations
APPROVED

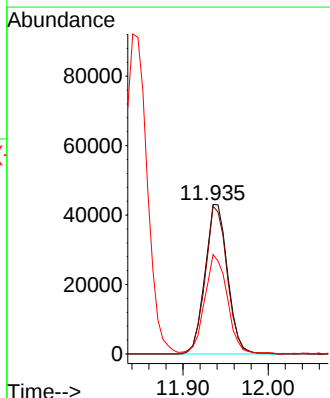
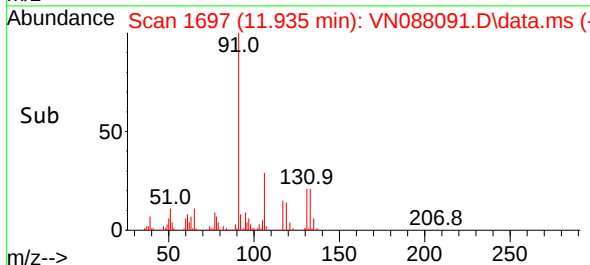
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.631 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



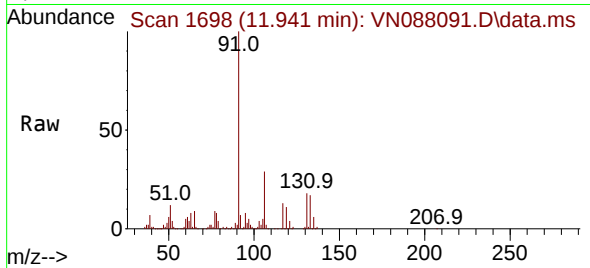
Tgt Ion:131 Resp: 79068
Ion Ratio Lower Upper
131 100
133 96.6 48.0 144.0
119 67.3 32.6 97.7





#67
Ethyl Benzene
Concen: 19.556 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

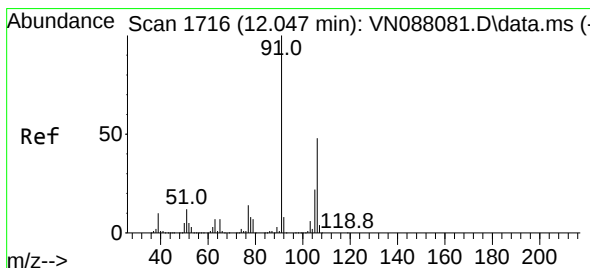
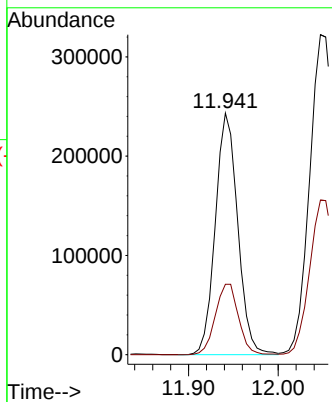
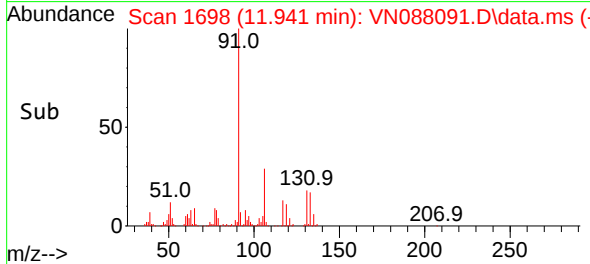
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 91 Resp: 422000
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1

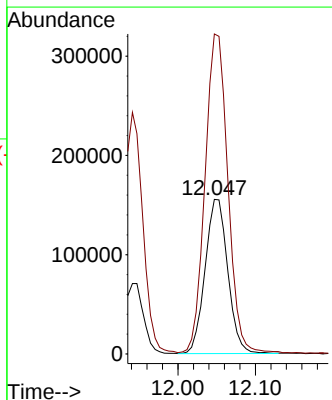
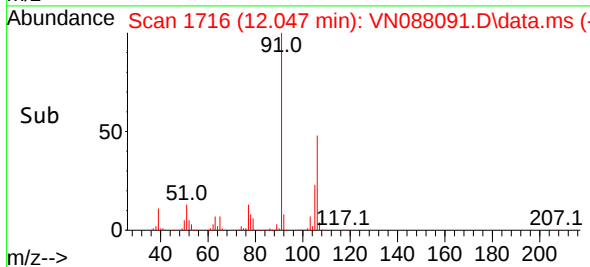
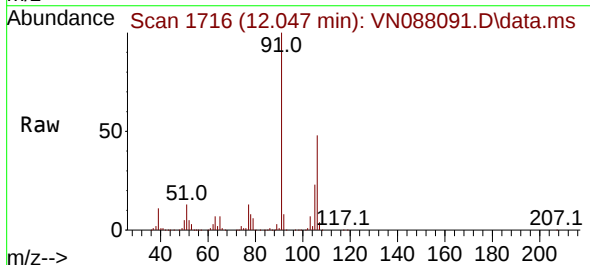
Manual Integrations
APPROVED

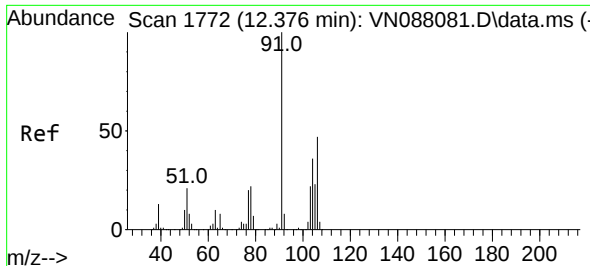
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#68
m/p-Xylenes
Concen: 39.148 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

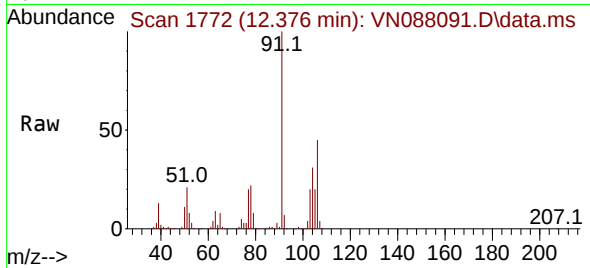
Tgt Ion:106 Resp: 316537
Ion Ratio Lower Upper
106 100
91 209.3 169.3 253.9





#69
o-Xylene
Concen: 19.829 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

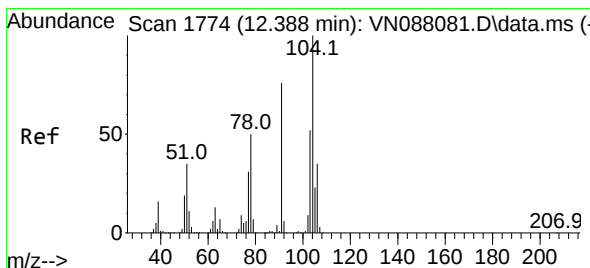
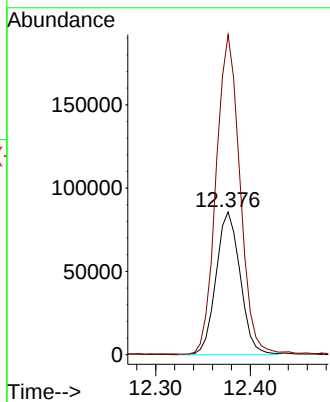
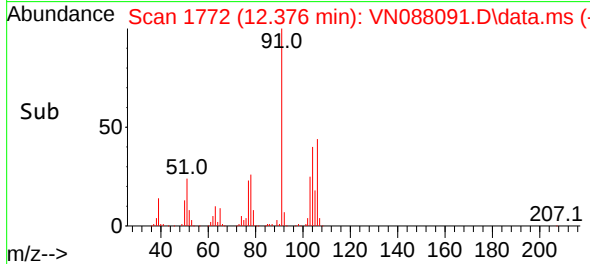
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:106 Resp: 15198
Ion Ratio Lower Upper
106 100
91 221.5 111.4 334.2

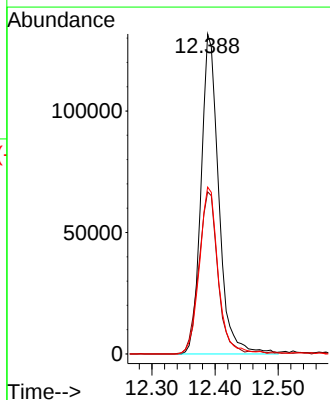
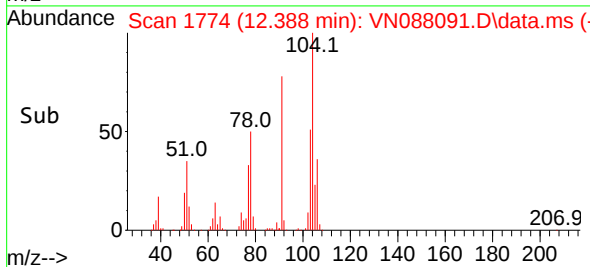
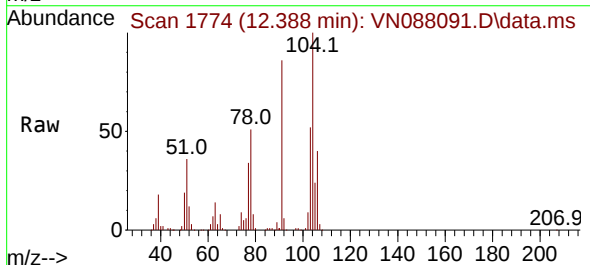
Manual Integrations
APPROVED

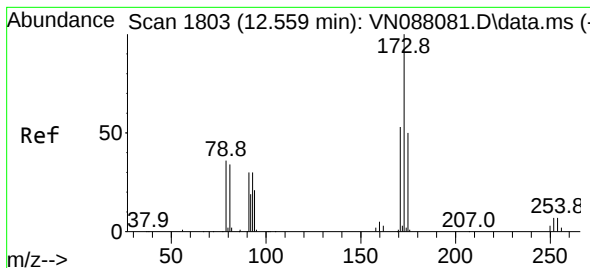
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#70
Styrene
Concen: 20.499 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

Tgt Ion:104 Resp: 256221
Ion Ratio Lower Upper
104 100
78 54.6 42.2 63.2
103 55.2 43.4 65.2





#71

Bromoform

Concen: 20.237 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

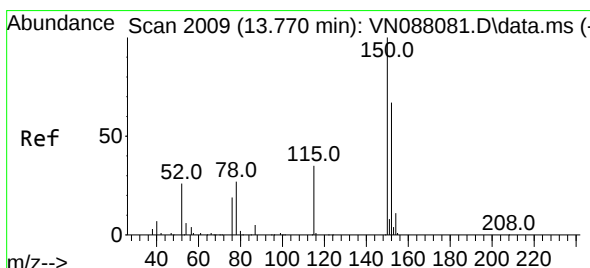
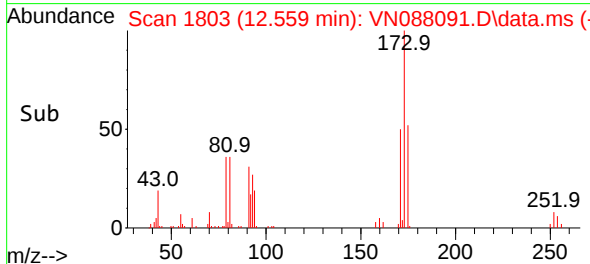
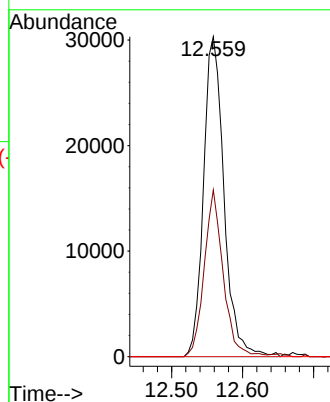
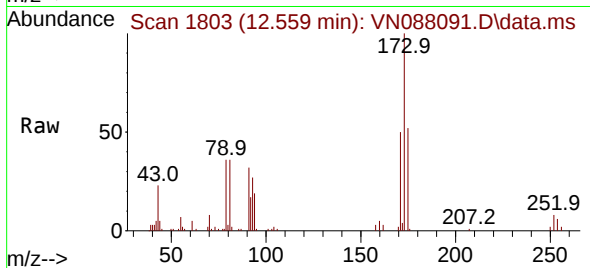
Tgt Ion:173 Resp: 60829
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

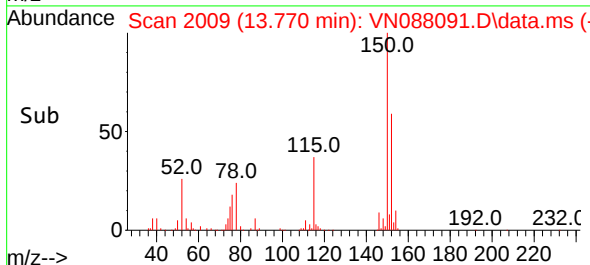
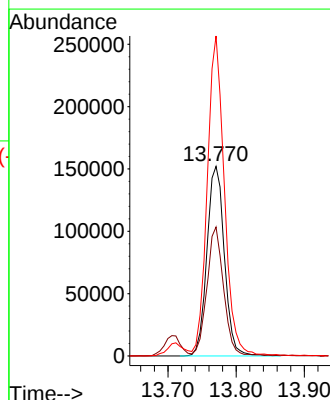
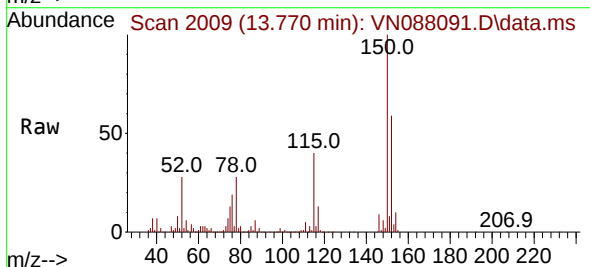
RT: 13.770 min Scan# 2009

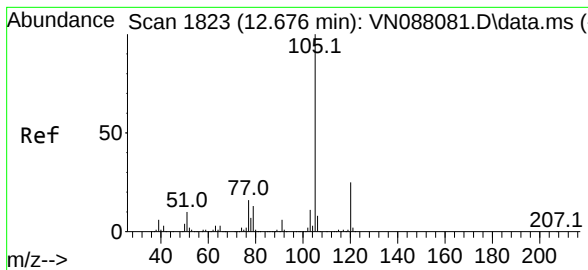
Delta R.T. 0.006 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

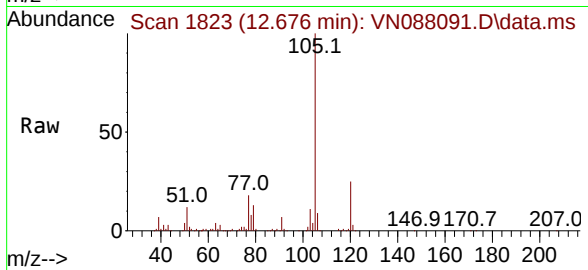
Tgt Ion:152 Resp: 271790
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.3 96.8
 150 164.4 0.0 351.0





#73
Isopropylbenzene
Concen: 18.919 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

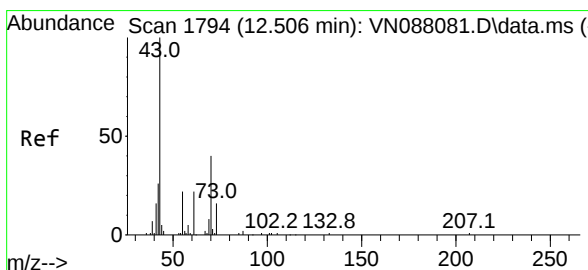
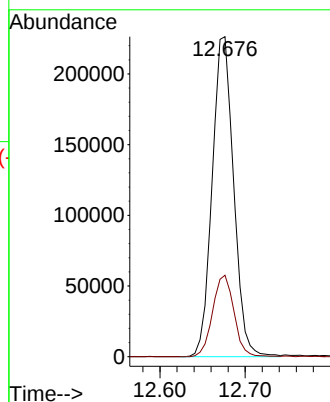
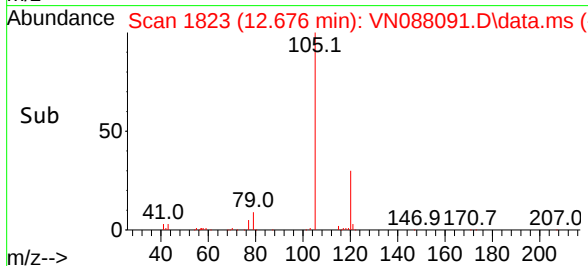
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



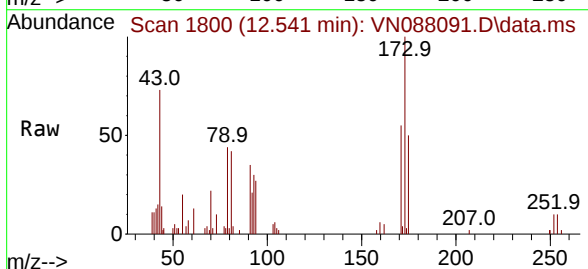
Tgt Ion:105 Resp: 396589
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3

Manual Integrations
APPROVED

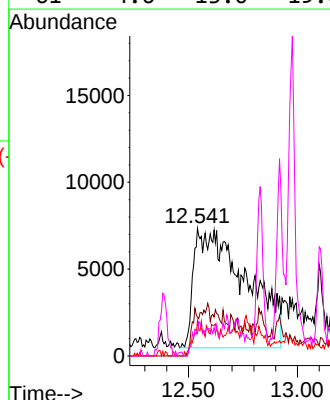
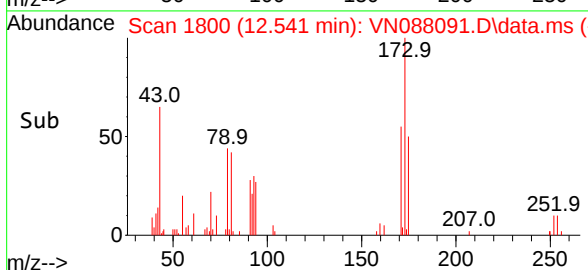
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

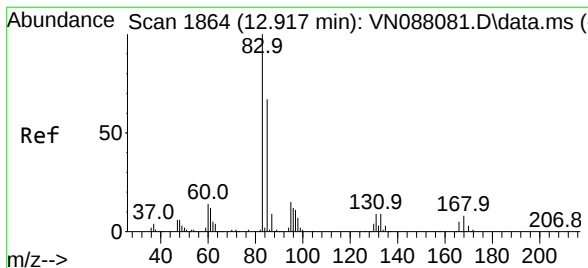


#74
N-ethyl acetate
Concen: 19.217 ug/l m
RT: 12.541 min Scan# 1800
Delta R.T. 0.041 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



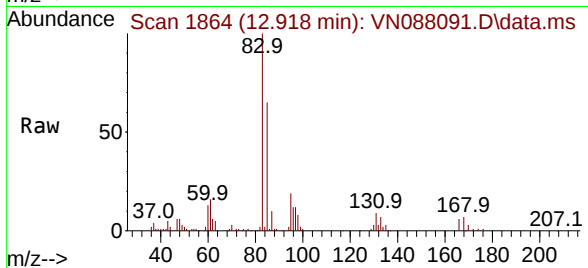
Tgt Ion: 43 Resp: 114355
Ion Ratio Lower Upper
43 100
70 5.0 27.6 41.4#
55 3.4 13.0 19.6#
61 4.6 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.935 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

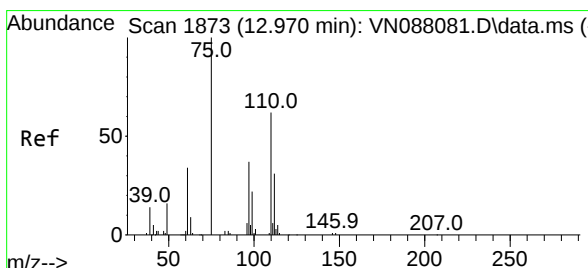
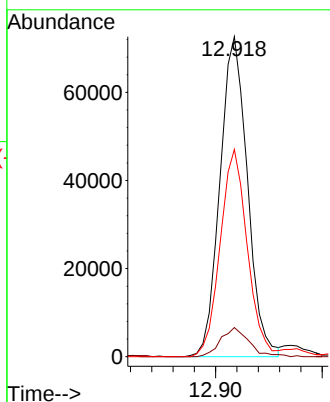
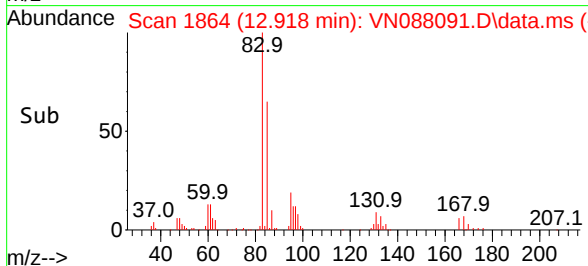
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 83 Resp: 130100
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.0 32.1 96.3

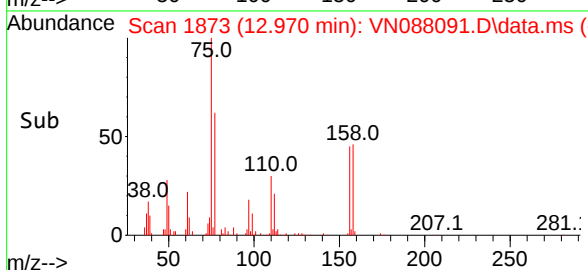
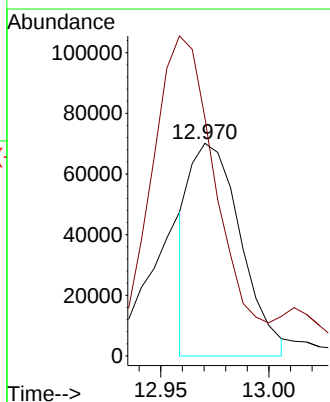
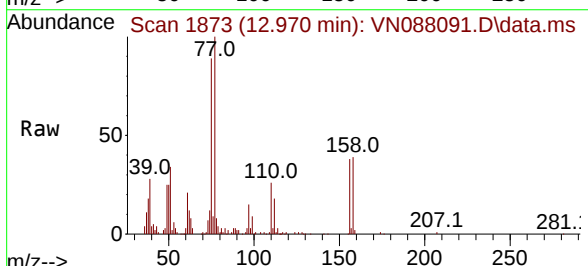
Manual Integrations
APPROVED

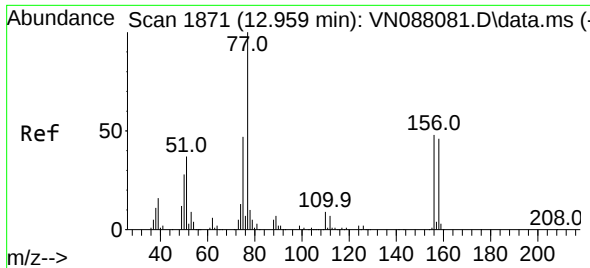
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 18.532 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

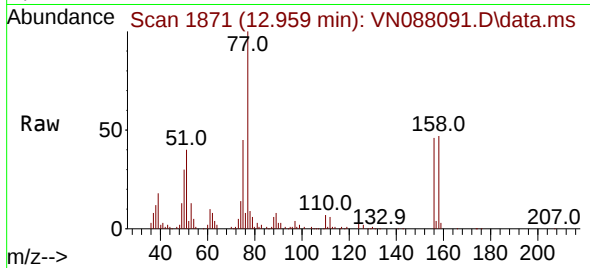
Tgt Ion: 75 Resp: 115156
Ion Ratio Lower Upper
75 100
77 194.3 89.1 267.4





#77
Bromobenzene
Concen: 20.314 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

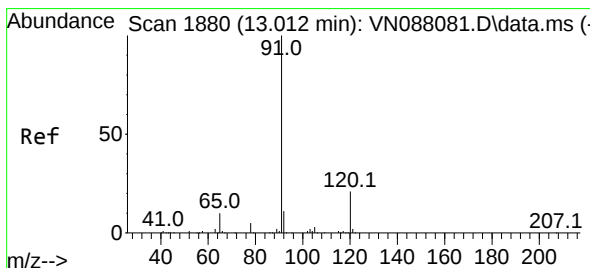
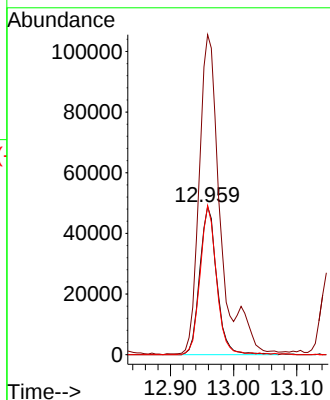
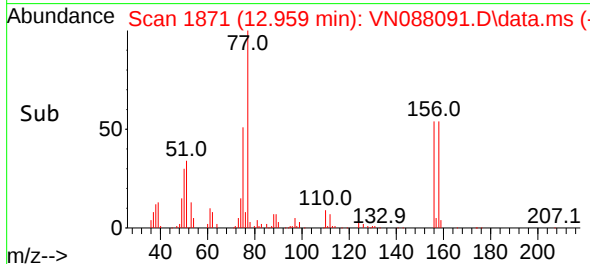
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:156 Resp: 91828
Ion Ratio Lower Upper
156 100
77 243.6 119.3 358.0
158 96.2 48.2 144.6

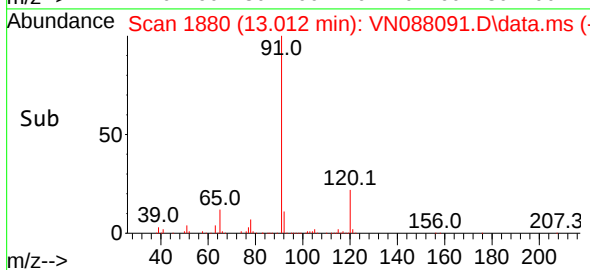
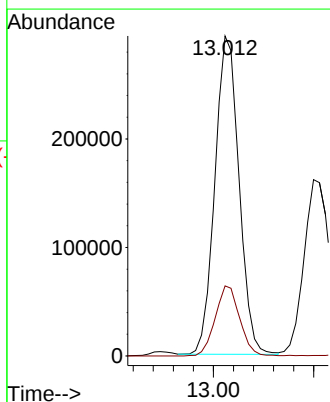
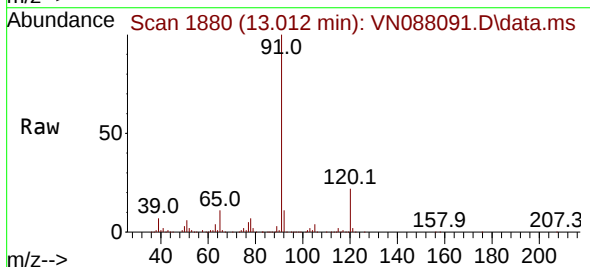
Manual Integrations
APPROVED

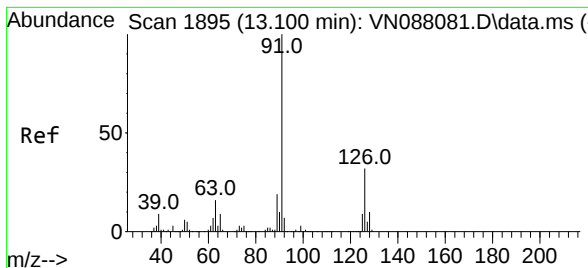
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#78
n-propylbenzene
Concen: 19.132 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

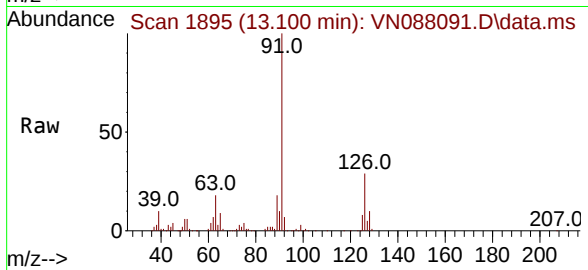
Tgt Ion: 91 Resp: 489413
Ion Ratio Lower Upper
91 100
120 22.3 10.7 32.1





#79
2-Chlorotoluene
Concen: 20.018 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

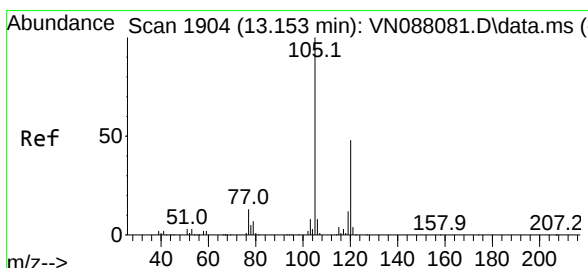
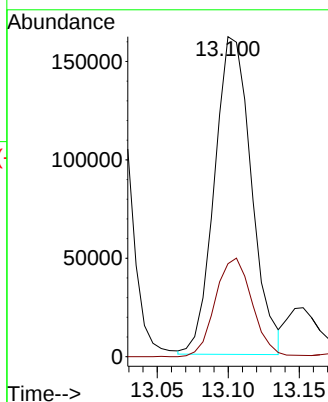
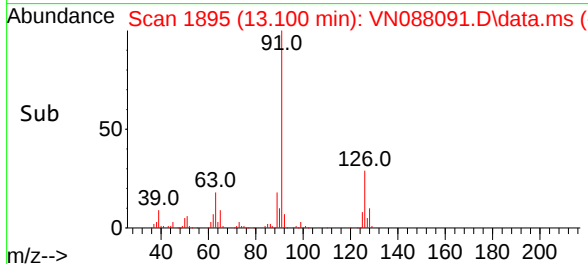
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



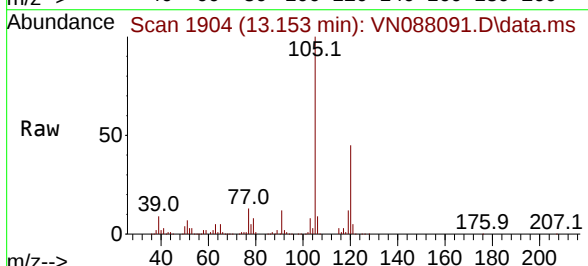
Tgt Ion: 91 Resp: 292039
Ion Ratio Lower Upper
91 100
126 31.1 16.1 48.3

Manual Integrations
APPROVED

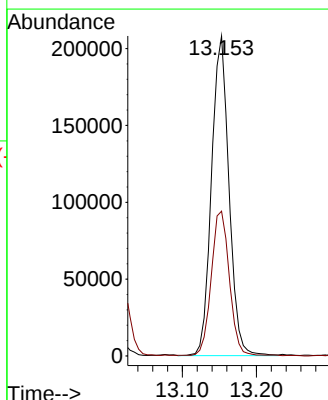
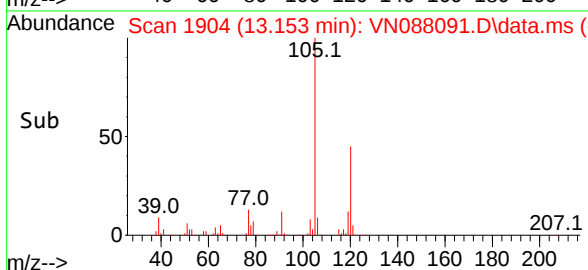
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

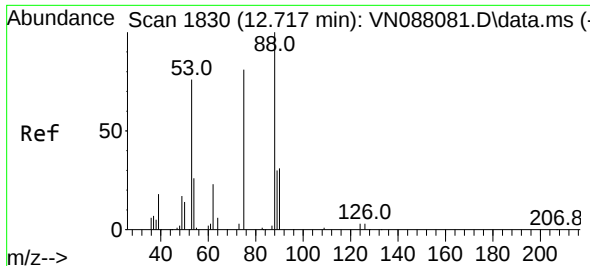


#80
1,3,5-Trimethylbenzene
Concen: 19.544 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



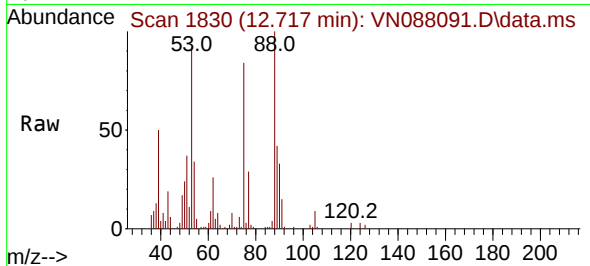
Tgt Ion:105 Resp: 340242
Ion Ratio Lower Upper
105 100
120 46.9 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.749 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

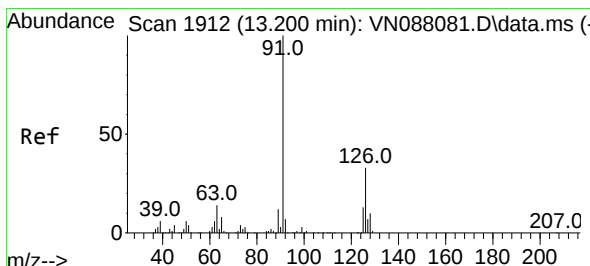
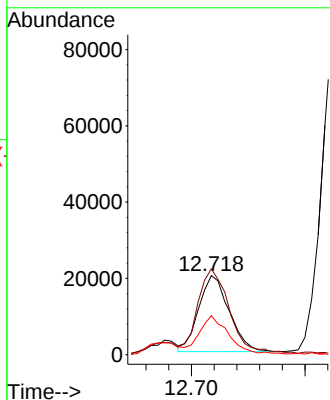
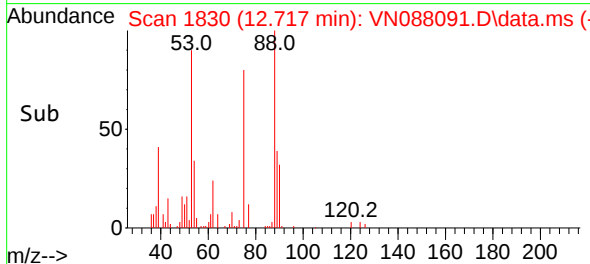
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 75 Resp: 37310
Ion Ratio Lower Upper
75 100
53 115.6 101.8 152.6
89 50.1 35.6 53.4

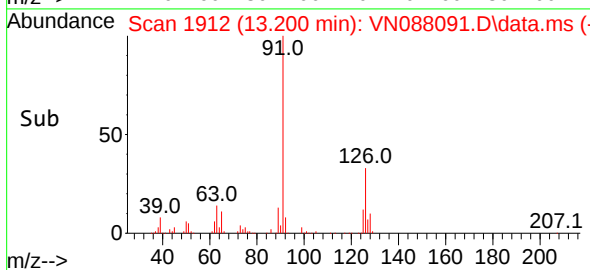
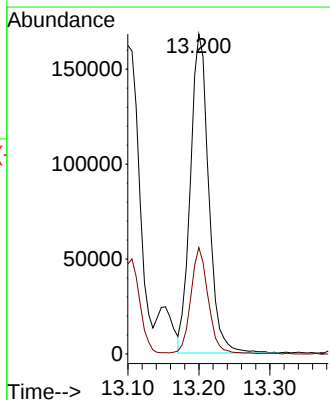
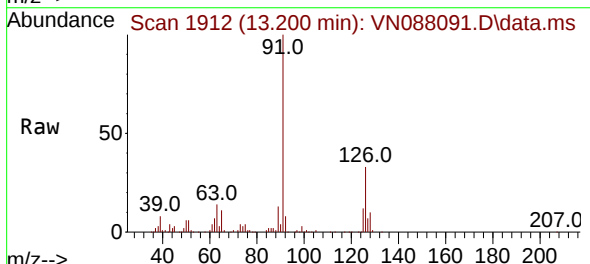
Manual Integrations
APPROVED

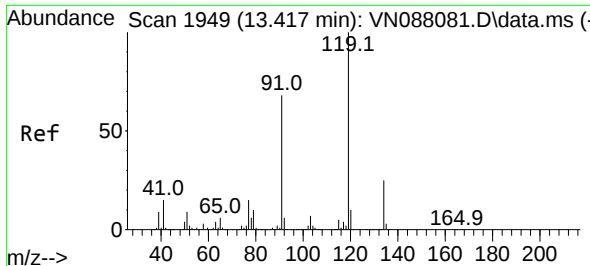
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#82
4-Chlorotoluene
Concen: 19.116 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

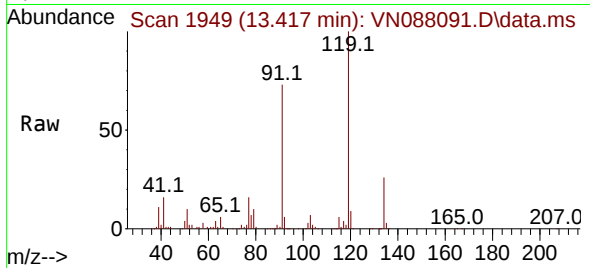
Tgt Ion: 91 Resp: 301710
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8





#83
tert-Butylbenzene
Concen: 18.719 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

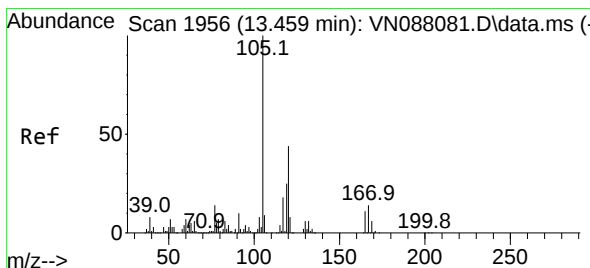
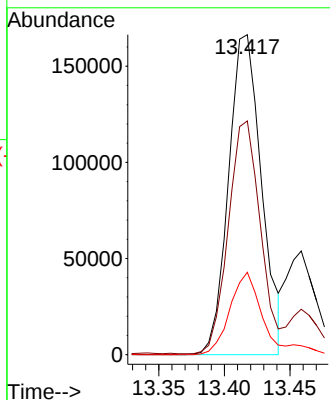
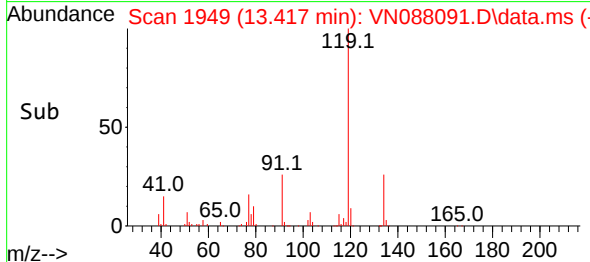
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:119 Resp: 291110
Ion Ratio Lower Upper
119 100
91 70.3 35.0 105.0
134 26.3 12.6 37.8

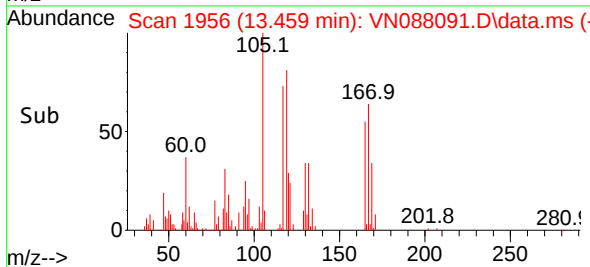
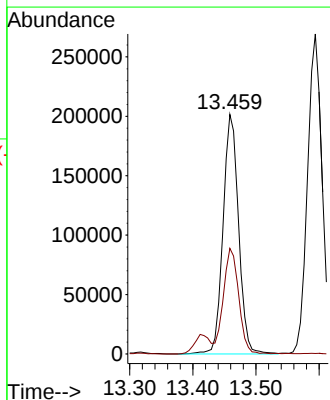
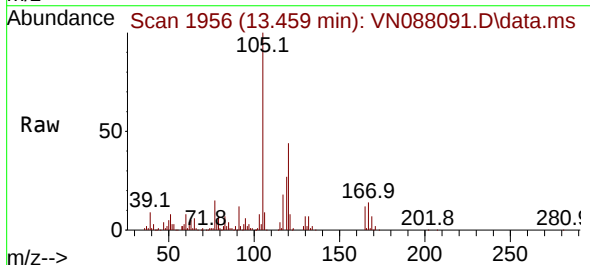
Manual Integrations
APPROVED

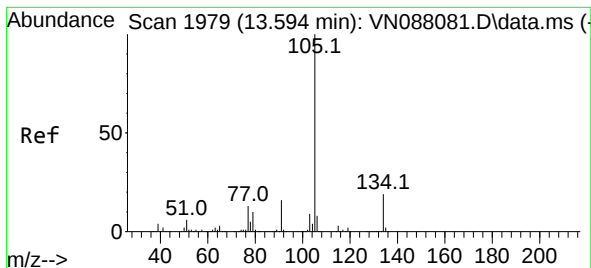
Reviewed By :John Carbone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.763 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

Tgt Ion:105 Resp: 344238
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.003 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion:105 Resp: 43418

Ion Ratio Lower Upper

105 100

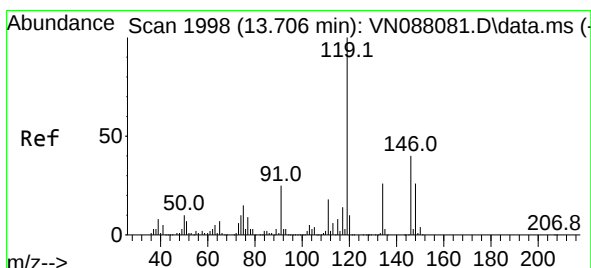
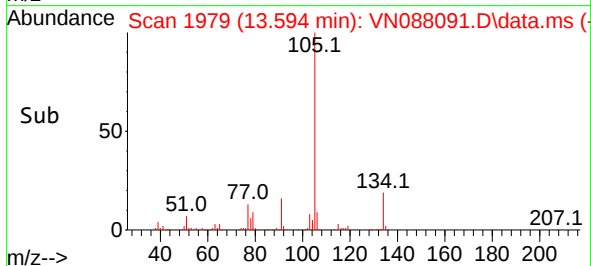
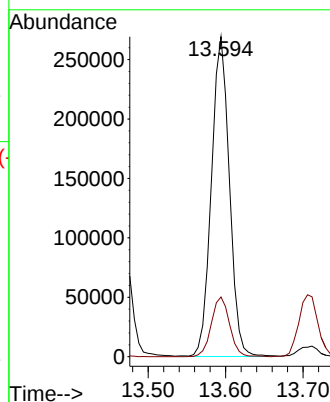
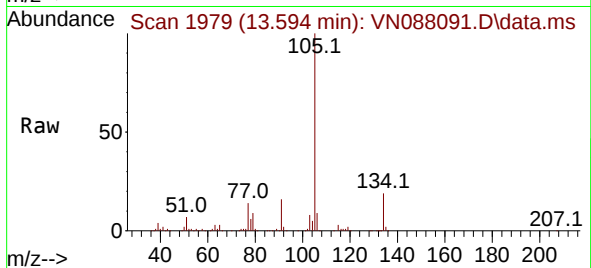
134 18.9 9.6 28.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#86

p-Isopropyltoluene

Concen: 19.565 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

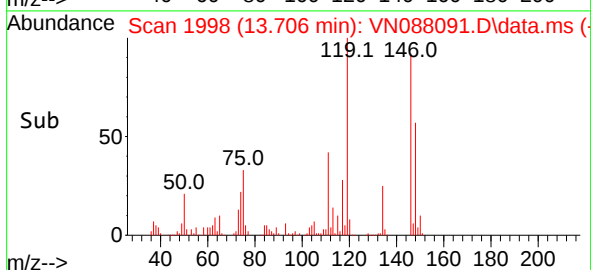
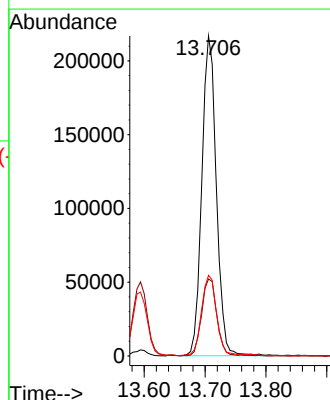
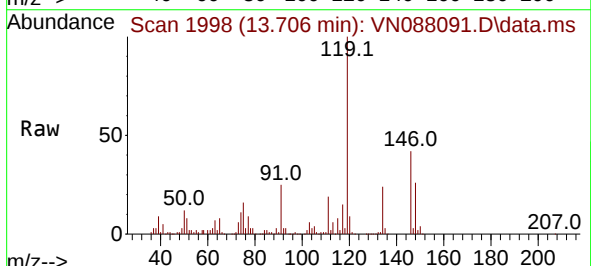
Tgt Ion:119 Resp: 358615

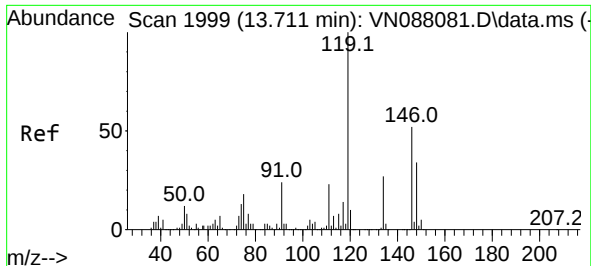
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 25.9 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 20.004 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

Instrument :

MSVOA_N

ClientSampleId :

VN1024WBSD01

Tgt Ion:146 Resp: 18051

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.5

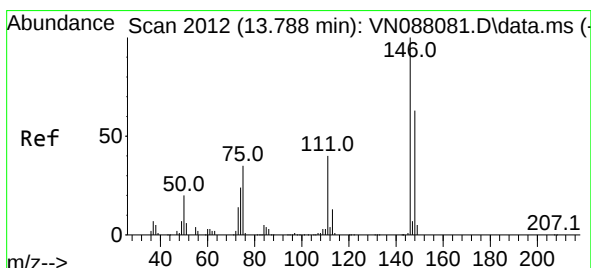
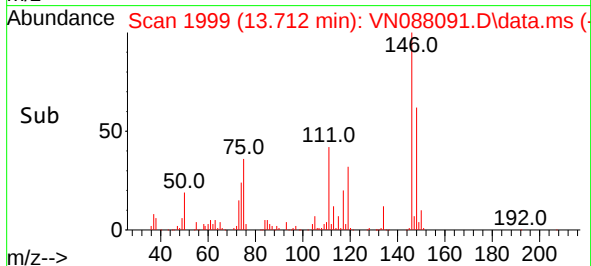
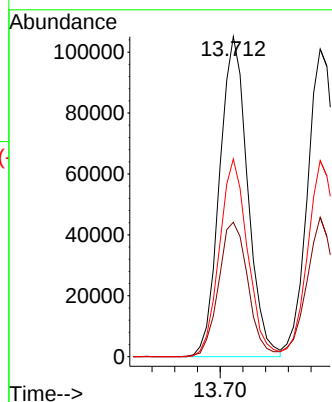
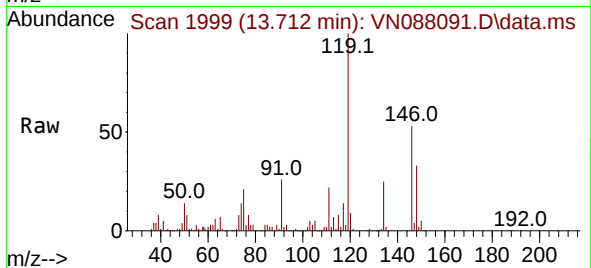
148 62.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#88

1,4-Dichlorobenzene

Concen: 18.982 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088091.D

Acq: 24 Oct 2025 14:16

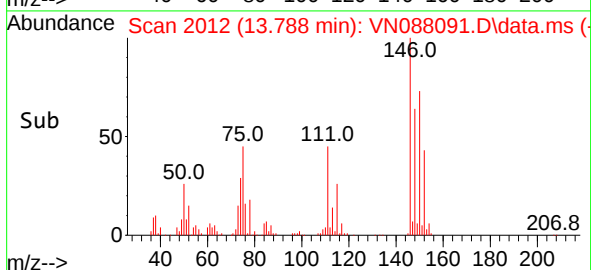
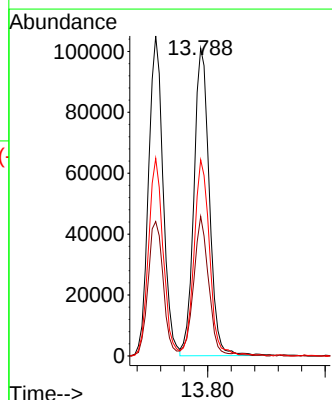
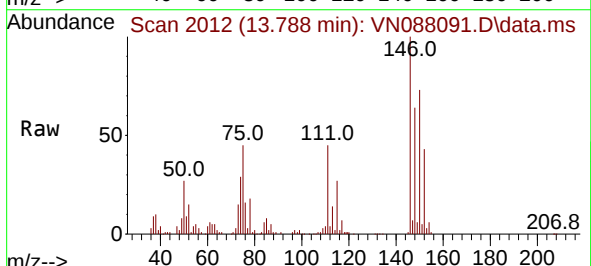
Tgt Ion:146 Resp: 183971

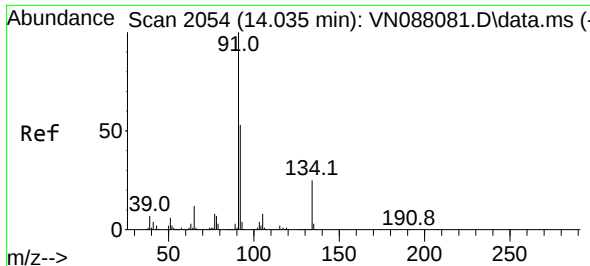
Ion Ratio Lower Upper

146 100

111 44.2 21.0 63.0

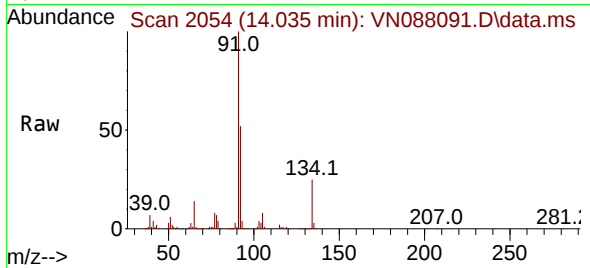
148 62.7 32.0 96.0





#89
n-Butylbenzene
Concen: 19.069 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

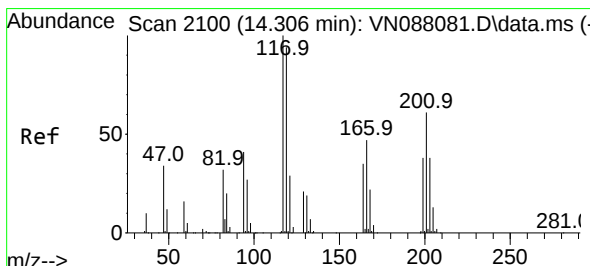
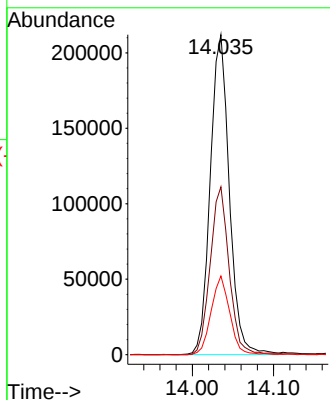
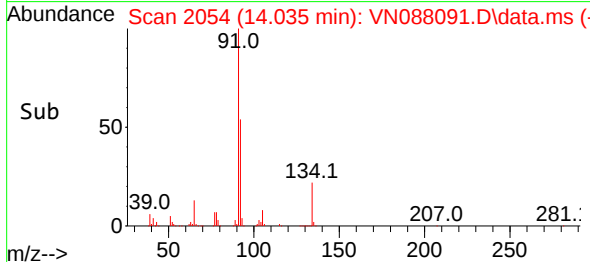
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion: 91 Resp: 346220
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.8
134 23.9 11.7 35.0

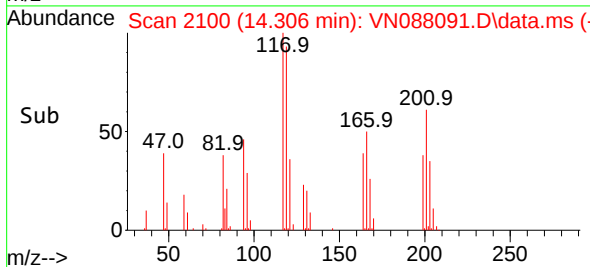
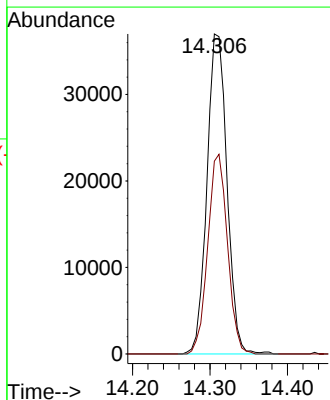
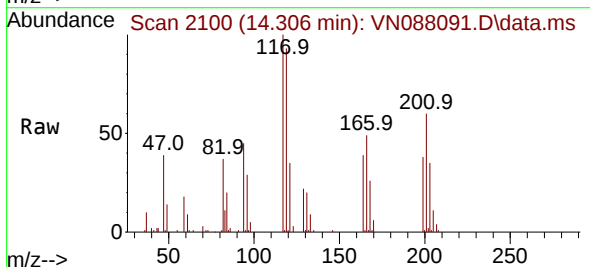
Manual Integrations
APPROVED

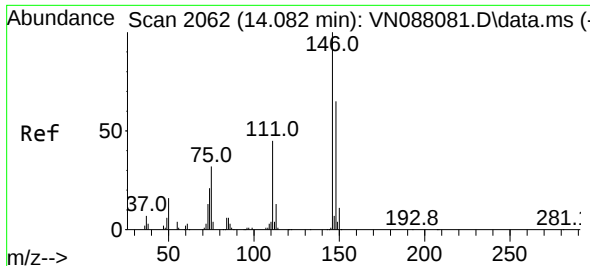
Reviewed By :John Carbone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#90
Hexachloroethane
Concen: 18.716 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

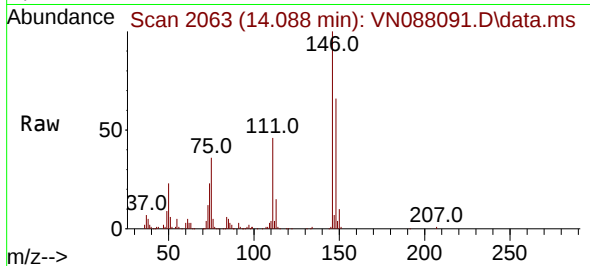
Tgt Ion:117 Resp: 66434
Ion Ratio Lower Upper
117 100
201 61.4 29.1 87.4





#91
 1,2-Dichlorobenzene
 Concen: 19.125 ug/l
 RT: 14.088 min Scan# 2062
 Delta R.T. 0.006 min
 Lab File: VN088091.D
 Acq: 24 Oct 2025 14:16

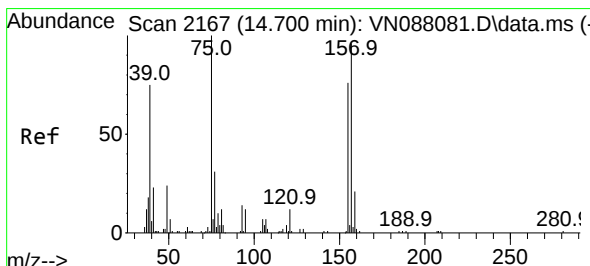
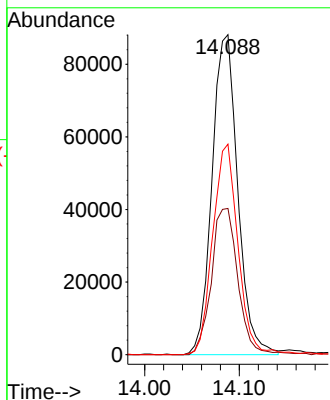
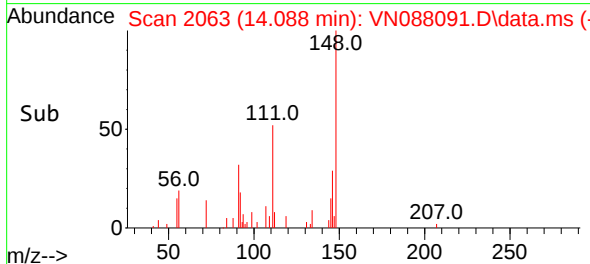
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1024WBSD01



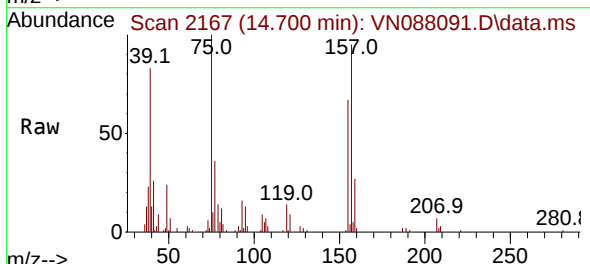
Tgt Ion:146 Resp: 166360
 Ion Ratio Lower Upper
 146 100
 111 47.3 22.6 67.8
 148 64.9 31.9 95.9

Manual Integrations
 APPROVED

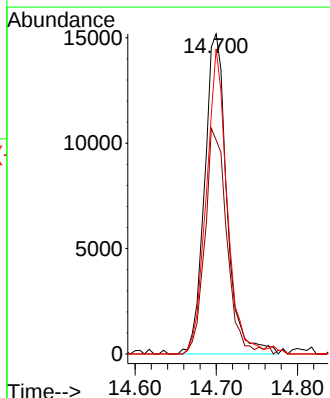
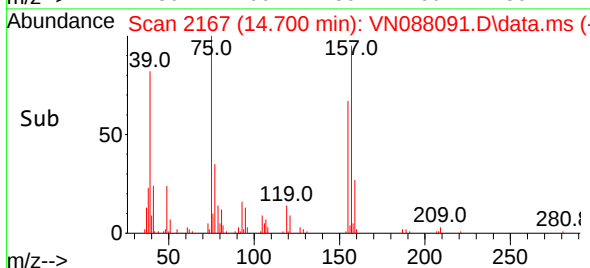
Reviewed By :John Carlone 10/27/2025
 Supervised By :Semsettin Yesilyurt 10/27/2025

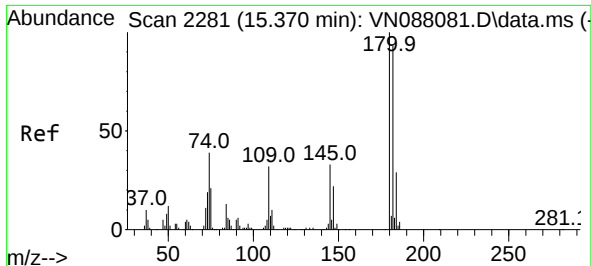


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.026 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088091.D
 Acq: 24 Oct 2025 14:16



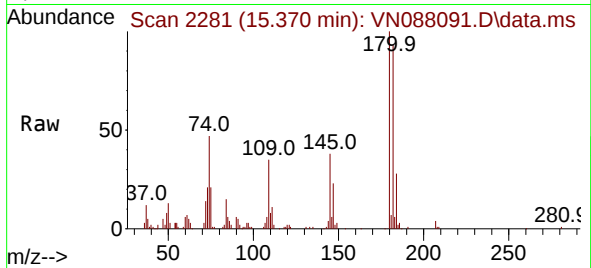
Tgt Ion: 75 Resp: 28900
 Ion Ratio Lower Upper
 75 100
 155 68.7 36.6 109.9
 157 89.0 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 19.106 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

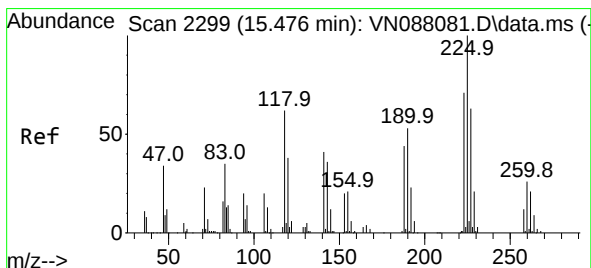
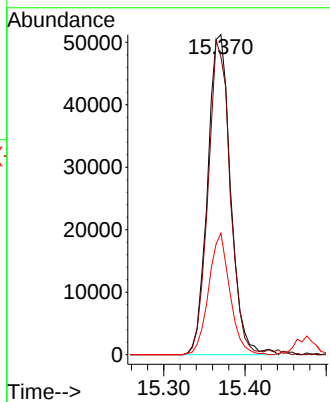
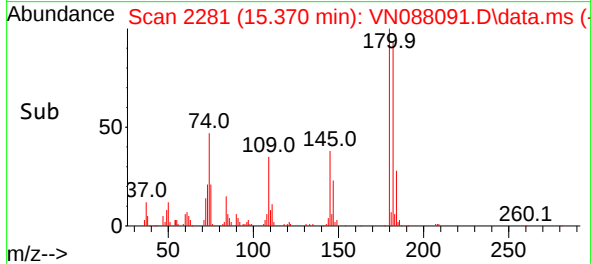
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



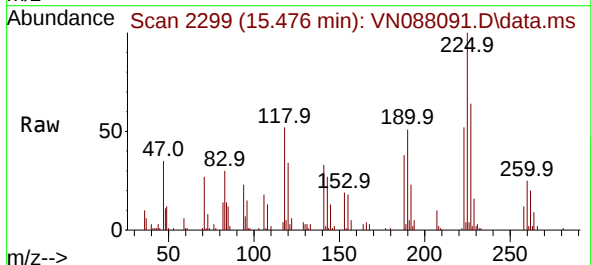
Tgt Ion:180 Resp: 100650
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.9
145 35.0 16.5 49.5

Manual Integrations
APPROVED

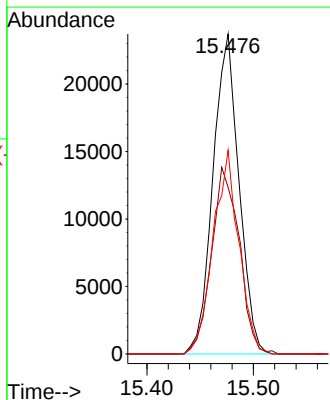
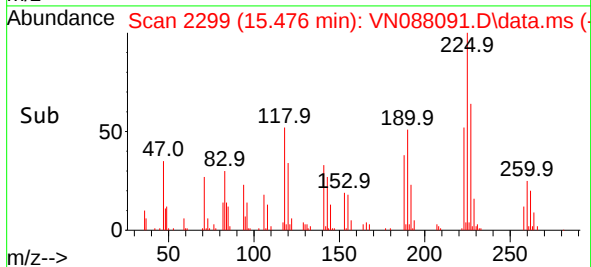
Reviewed By :John Carlone 10/27/2025
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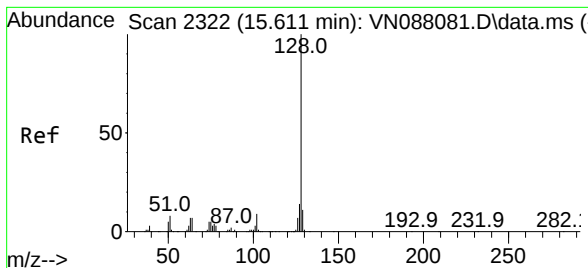


#94
Hexachlorobutadiene
Concen: 20.436 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16



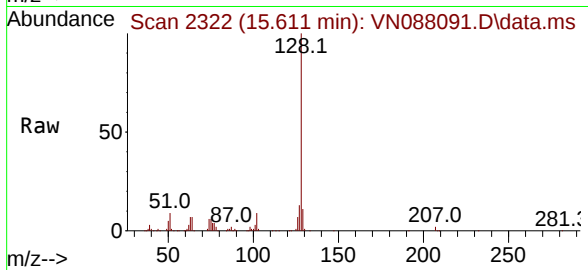
Tgt Ion:225 Resp: 40090
Ion Ratio Lower Upper
225 100
223 62.3 32.0 96.2
227 63.0 32.1 96.5





#95
Naphthalene
Concen: 18.841 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

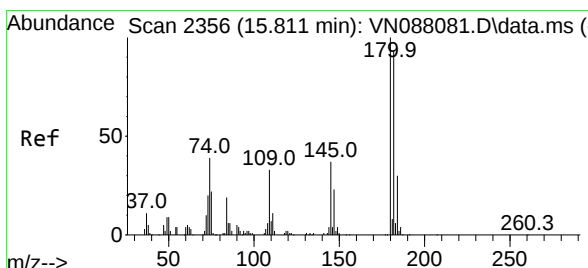
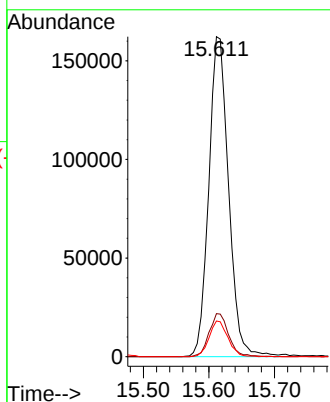
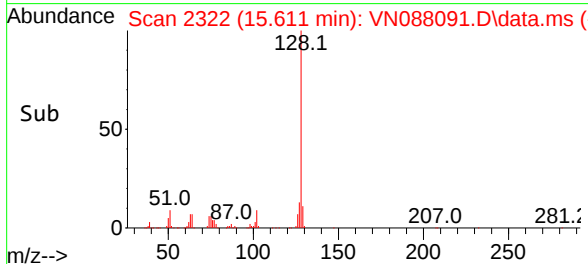
Instrument :
MSVOA_N
ClientSampleId :
VN1024WBSD01



Tgt Ion:128 Resp: 340015
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.035 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088091.D
Acq: 24 Oct 2025 14:16

Tgt Ion:180 Resp: 96149
Ion Ratio Lower Upper
180 100
182 93.8 46.8 140.3
145 36.9 17.3 52.0

