

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087824.D
 Acq On : 15 Sep 2025 10:29
 Operator : JC\MD
 Sample : VN0915WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/16/2025
 Supervised By : Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:30:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	231988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	436544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	400333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	213781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	210644	44.317	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.640%		
35) Dibromofluoromethane	8.153	113	151903	48.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.400%		
50) Toluene-d8	10.547	98	544705	46.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.340%		
62) 4-Bromofluorobenzene	12.829	95	194787	46.430	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.860%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	63480	19.266	ug/l	93
3) Chloromethane	2.383	50	63174	18.657	ug/l	98
4) Vinyl Chloride	2.542	62	72776	18.537	ug/l	99
5) Bromomethane	2.977	94	33141	16.360	ug/l	96
6) Chloroethane	3.136	64	46236	16.756	ug/l	97
7) Trichlorofluoromethane	3.518	101	113902	19.802	ug/l	95
8) Diethyl Ether	3.965	74	43695	17.443	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	60632	18.629	ug/l	95
10) Methyl Iodide	4.571	142	25147	15.741	ug/l #	86
11) Tert butyl alcohol	5.524	59	73516	89.092	ug/l	99
12) 1,1-Dichloroethene	4.330	96	59695	17.848	ug/l	96
13) Acrolein	4.177	56	82202	81.032	ug/l	99
14) Allyl chloride	5.006	41	107794m	17.785	ug/l	
15) Acrylonitrile	5.706	53	200485	86.150	ug/l	100
16) Acetone	4.424	43	205774	79.527	ug/l	96
17) Carbon Disulfide	4.700	76	176544	19.173	ug/l	99
18) Methyl Acetate	5.018	43	102186	18.862	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	209230	16.675	ug/l	94
20) Methylene Chloride	5.259	84	69594	17.796	ug/l	98
21) trans-1,2-Dichloroethene	5.765	96	63543	17.529	ug/l	91
22) Diisopropyl ether	6.659	45	220658	16.870	ug/l	96
23) Vinyl Acetate	6.588	43	1014690	85.269	ug/l	99
24) 1,1-Dichloroethane	6.547	63	124386	17.344	ug/l	97
25) 2-Butanone	7.471	43	289819	85.137	ug/l	98
26) 2,2-Dichloropropane	7.471	77	106342	17.277	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	74418	17.173	ug/l	98
28) Bromochloromethane	7.794	49	70660	20.381	ug/l	97
29) Tetrahydrofuran	7.830	42	190022	86.738	ug/l	99
30) Chloroform	7.947	83	128971	17.619	ug/l	99
31) Cyclohexane	8.235	56	102115	17.080	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	108789	17.537	ug/l	93
36) 1,1-Dichloropropene	8.347	75	85601	17.703	ug/l	99
37) Ethyl Acetate	7.541	43	109212	16.529	ug/l #	94
38) Carbon Tetrachloride	8.341	117	92204	19.314	ug/l	92
39) Methylcyclohexane	9.582	83	97768	18.366	ug/l	93
40) Benzene	8.588	78	273946	18.472	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	62537	18.272	ug/l	98
42) 1,2-Dichloroethane	8.653	62	104448	18.327	ug/l	99
43) Isopropyl Acetate	8.677	43	185883	18.019	ug/l	99
44) Trichloroethene	9.329	130	61995	18.309	ug/l	93
45) 1,2-Dichloropropane	9.600	63	70103	17.933	ug/l	94
46) Dibromomethane	9.688	93	53930	19.386	ug/l	95
47) Bromodichloromethane	9.865	83	107078	18.781	ug/l	92
48) Methyl methacrylate	9.665	41	81257	16.653	ug/l	95
49) 1,4-Dioxane	9.682	88	25086	396.653	ug/l #	88
51) 4-Methyl-2-Pentanone	10.423	43	574954	92.378	ug/l	98
52) Toluene	10.612	92	170204	18.512	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	109070	18.482	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	112626	18.380	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	69080	19.423	ug/l	94
56) Ethyl methacrylate	10.859	69	97814	17.208	ug/l	98
57) 1,3-Dichloropropane	11.141	76	116257	18.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	291427	94.726	ug/l	97
59) 2-Hexanone	11.182	43	343614	87.355	ug/l	98
60) Dibromochloromethane	11.341	129	78737	19.106	ug/l	100
61) 1,2-Dibromoethane	11.447	107	70048	18.678	ug/l	96
64) Tetrachloroethene	11.082	164	53679	19.327	ug/l	86
65) Chlorobenzene	11.870	112	180898	18.163	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	67833	20.515	ug/l	96
67) Ethyl Benzene	11.941	91	310381	17.999	ug/l	96
68) m/p-Xylenes	12.053	106	230739	36.485	ug/l	99
69) o-Xylene	12.382	106	111781	18.036	ug/l	95
70) Styrene	12.388	104	190167	18.315	ug/l	98
71) Bromoform	12.559	173	49546	19.538	ug/l #	97
73) Isopropylbenzene	12.676	105	289592	16.764	ug/l	99
74) N-amyl acetate	12.553	43	120140m	18.351	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	105537	17.745	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	89053m	17.763	ug/l	
77) Bromobenzene	12.959	156	72309	17.753	ug/l	94
78) n-propylbenzene	13.012	91	367078	17.251	ug/l	98
79) 2-Chlorotoluene	13.106	91	218445	17.059	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	249808	17.046	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.717	75	29974m	15.829	ug/l	
82) 4-Chlorotoluene	13.200	91	227849	16.924	ug/l	96
83) tert-Butylbenzene	13.417	119	213721	17.501	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	259452	17.686	ug/l	98
85) sec-Butylbenzene	13.594	105	325238	17.947	ug/l	100
86) p-Isopropyltoluene	13.706	119	262843	17.564	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	140920	17.569	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	146108	17.504	ug/l	97
89) n-Butylbenzene	14.035	91	260046	17.497	ug/l	100
90) Hexachloroethane	14.306	117	51692	18.131	ug/l	90
91) 1,2-Dichlorobenzene	14.082	146	139704	18.359	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23882	16.903	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	77696	17.003	ug/l	96
94) Hexachlorobutadiene	15.476	225	34676	21.286	ug/l	97
95) Naphthalene	15.617	128	271079	16.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	78857	17.652	ug/l	98

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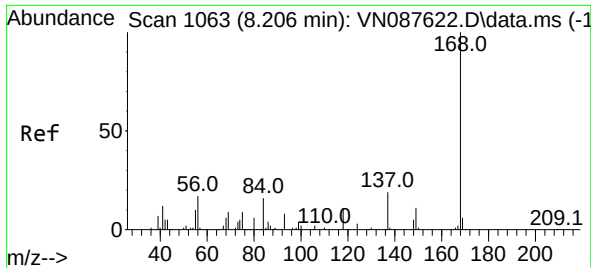
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

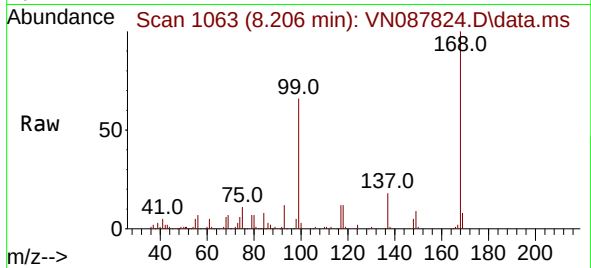
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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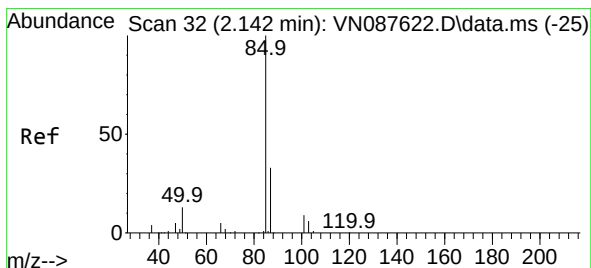
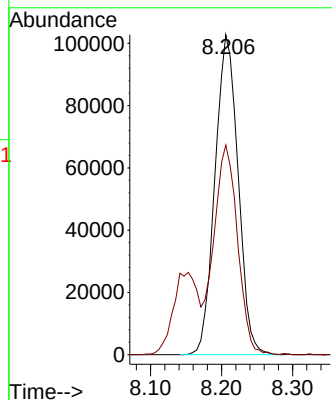
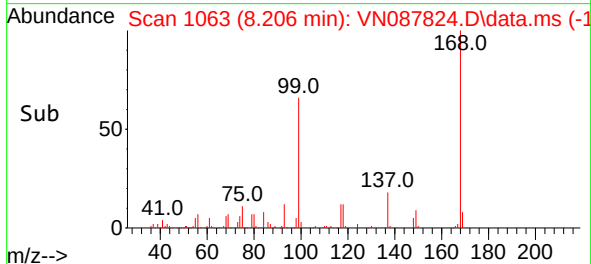
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion:168 Resp: 23198
Ion Ratio Lower Upper
168 100
99 65.4 57.2 85.8

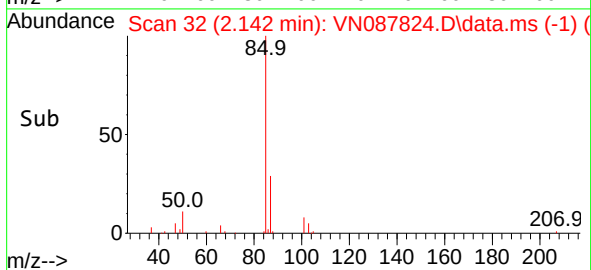
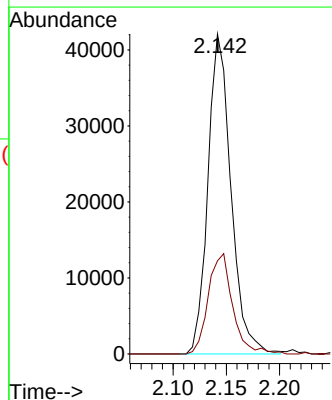
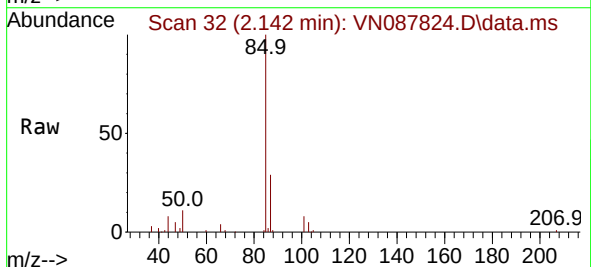
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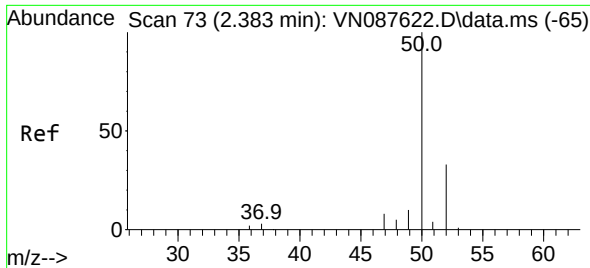
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#2
Dichlorodifluoromethane
Concen: 19.266 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

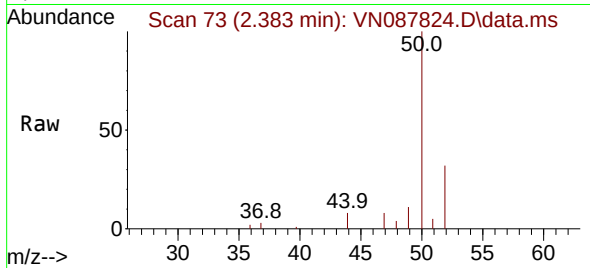
Tgt Ion: 85 Resp: 63480
Ion Ratio Lower Upper
85 100
87 29.1 16.6 49.8





#3
Chloromethane
Concen: 18.657 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

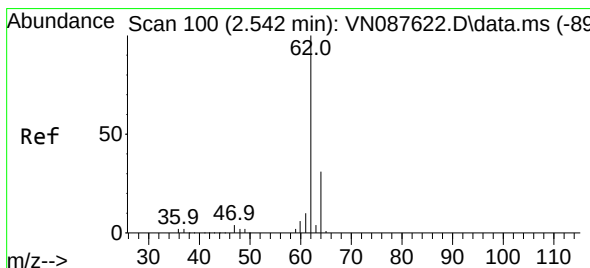
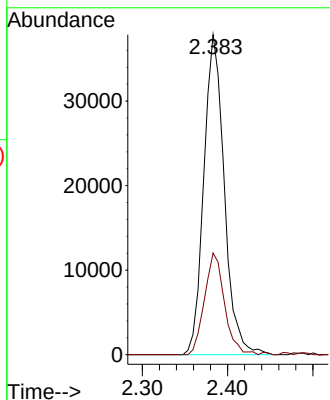
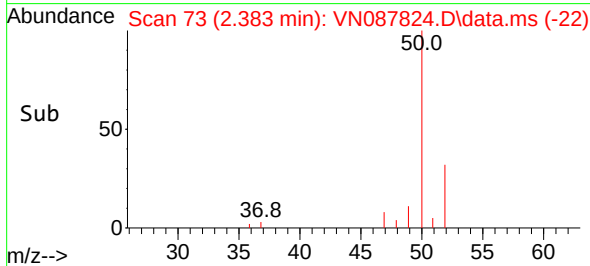
Instrument :
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Tgt Ion: 50 Resp: 63174
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4

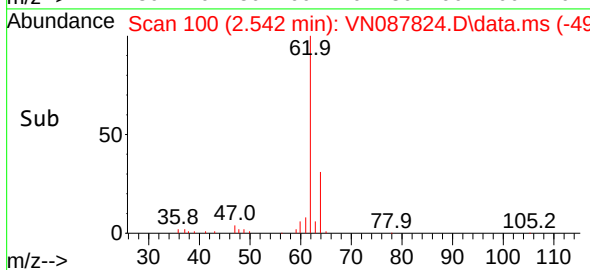
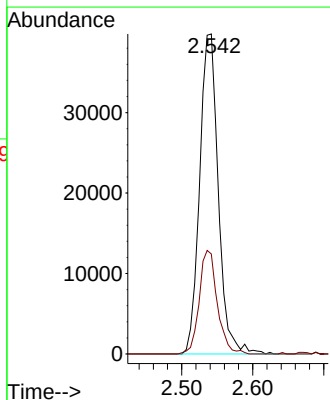
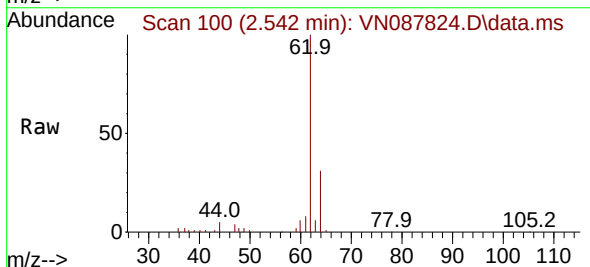
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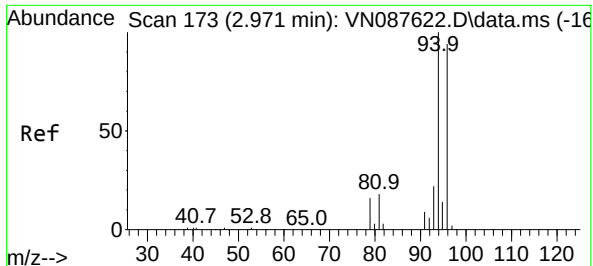
Reviewed By :John Carlone 09/16/2025
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#4
Vinyl Chloride
Concen: 18.537 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087824.D
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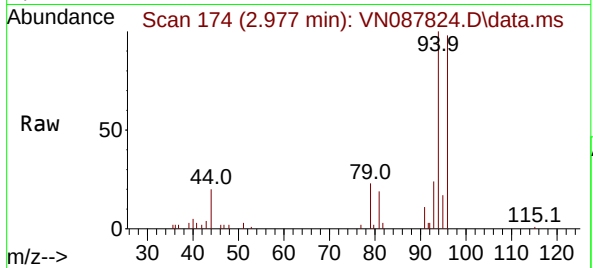
Tgt Ion: 62 Resp: 72776
Ion Ratio Lower Upper
62 100
64 31.3 24.6 37.0





#5
Bromomethane
Concen: 16.360 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

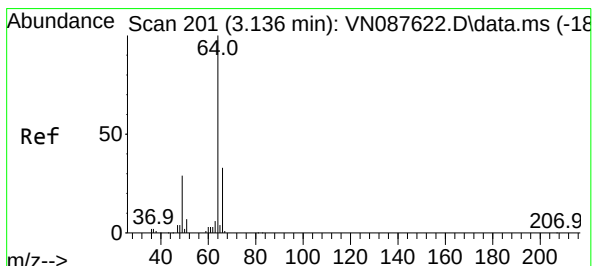
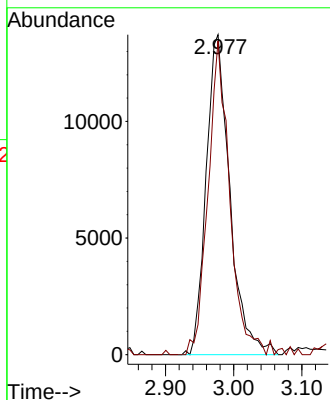
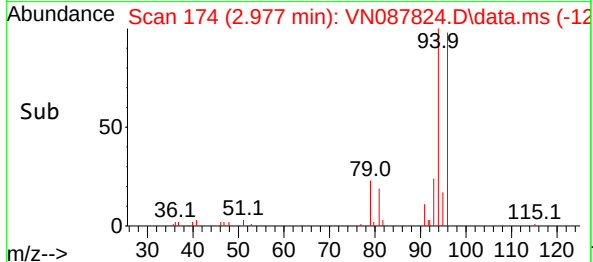
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Tgt Ion: 94 Resp: 3314
Ion Ratio Lower Upper
94 100
96 98.0 75.4 113.2

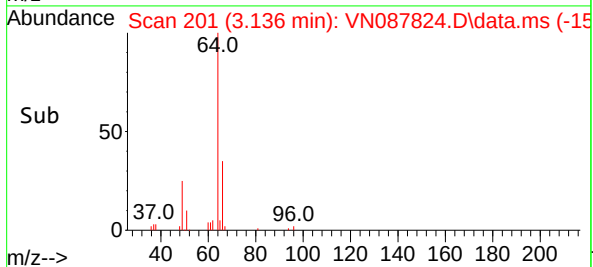
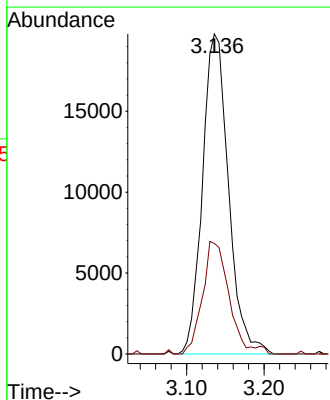
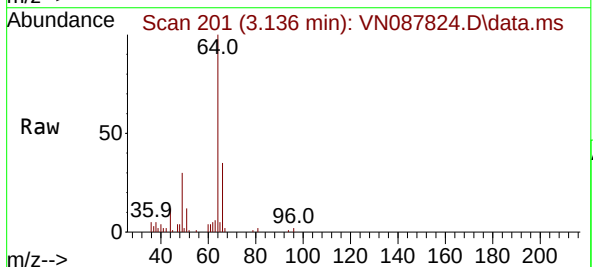
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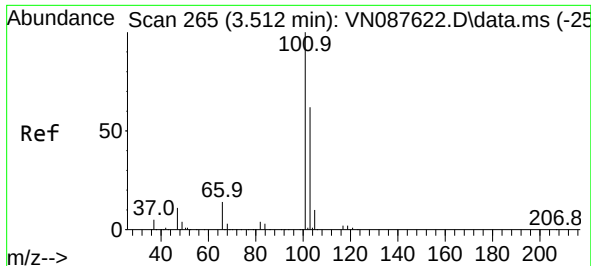
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#6
Chloroethane
Concen: 16.756 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
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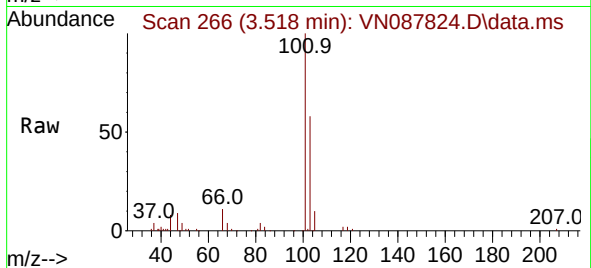
Tgt Ion: 64 Resp: 46236
Ion Ratio Lower Upper
64 100
66 34.5 26.2 39.2





#7
Trichlorofluoromethane
Concen: 19.802 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN087824.D
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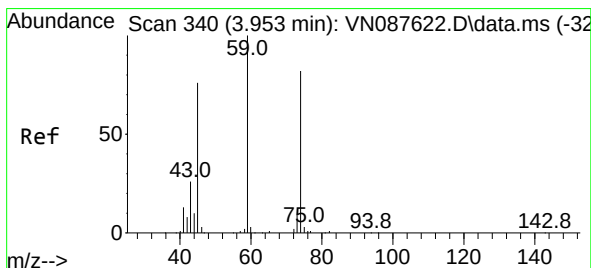
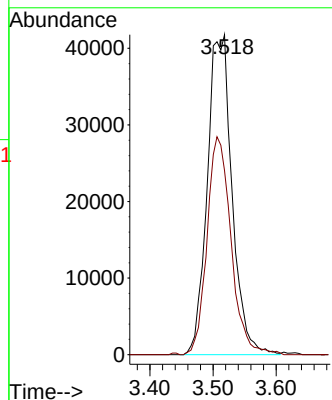
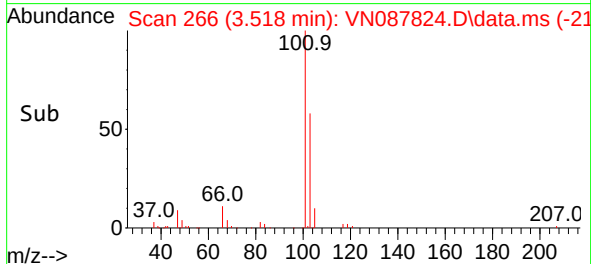
Instrument :
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VN0915WBSD01



Tgt Ion:101 Resp: 11390
Ion Ratio Lower Upper
101 100
103 57.5 49.4 74.0

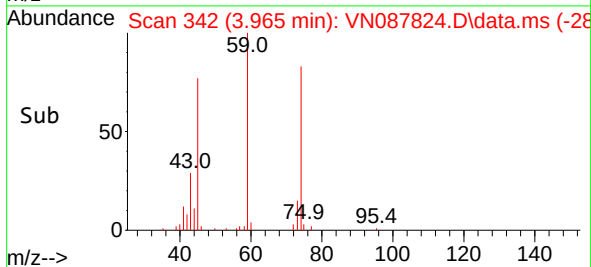
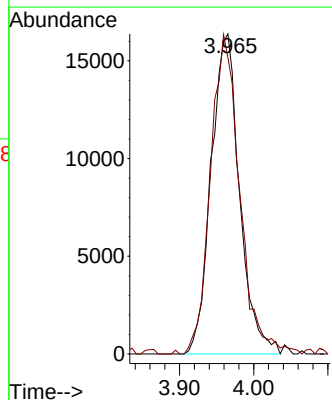
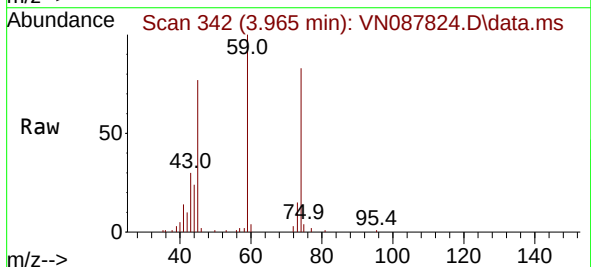
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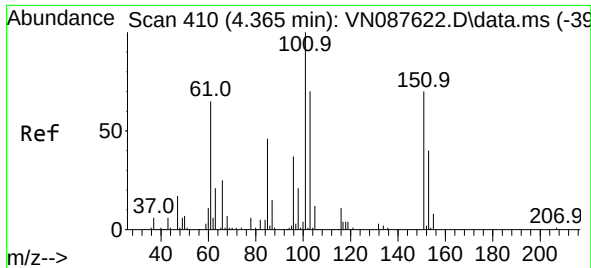
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#8
Diethyl Ether
Concen: 17.443 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Tgt Ion: 74 Resp: 43695
Ion Ratio Lower Upper
74 100
45 102.4 50.6 151.9





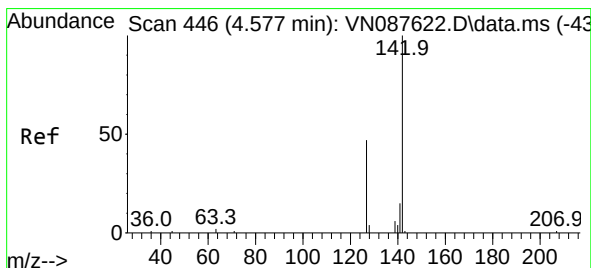
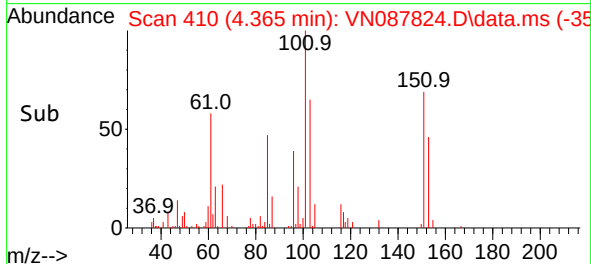
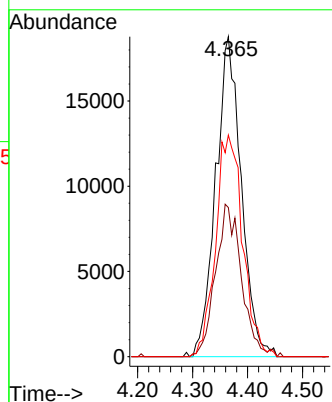
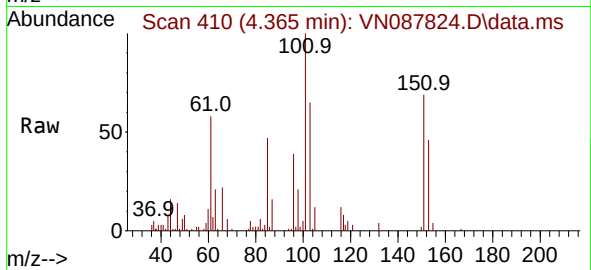
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.629 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion:101 Resp: 60632
Ion Ratio Lower Upper
101 100
85 48.6 36.6 55.0
151 73.4 54.7 82.1

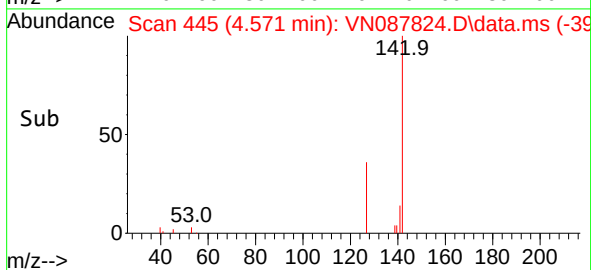
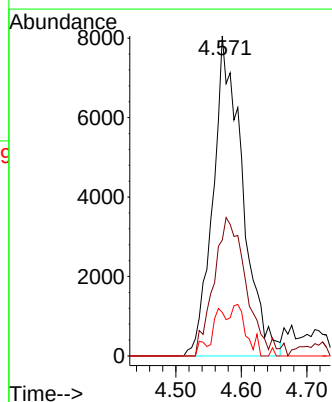
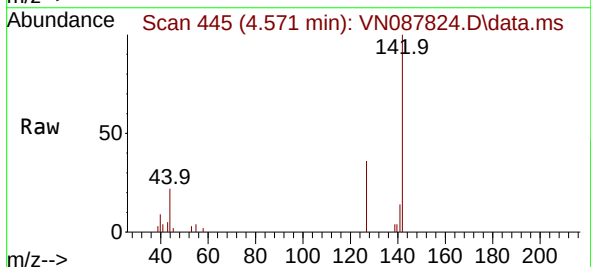
Manual Integrations
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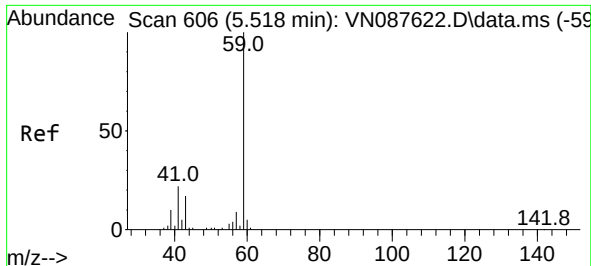
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#10
Methyl Iodide
Concen: 15.741 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Tgt Ion:142 Resp: 25147
Ion Ratio Lower Upper
142 100
127 36.2 38.0 57.0#
141 13.6 12.0 18.0





#11

Tert butyl alcohol

Concen: 89.092 ug/l

RT: 5.524 min Scan# 606

Delta R.T. 0.006 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 59 Resp: 73510

Ion Ratio Lower Upper

59 100

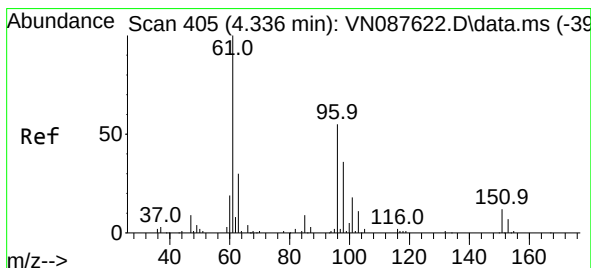
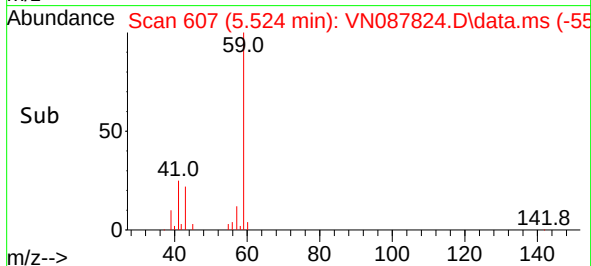
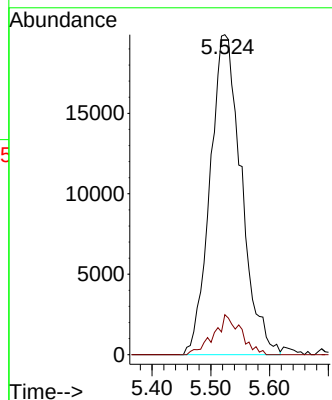
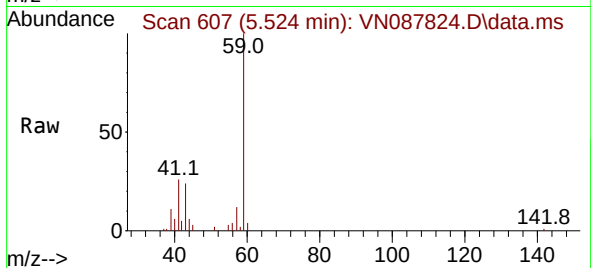
57 10.8 9.0 13.4

Manual Integrations

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Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#12

1,1-Dichloroethene

Concen: 17.848 ug/l

RT: 4.330 min Scan# 404

Delta R.T. -0.006 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

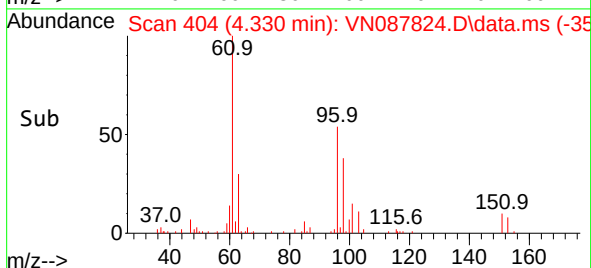
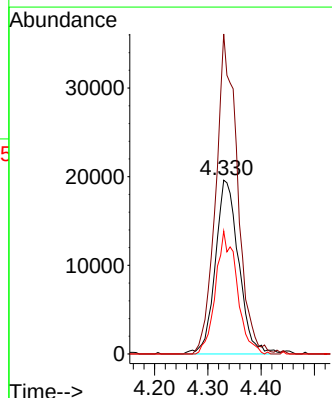
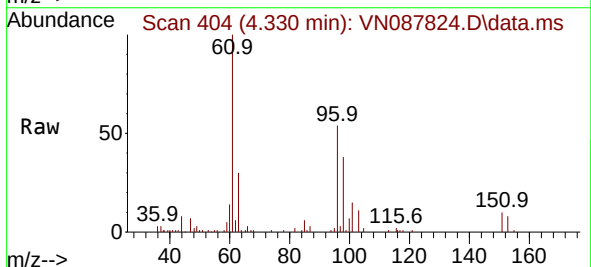
Tgt Ion: 96 Resp: 59695

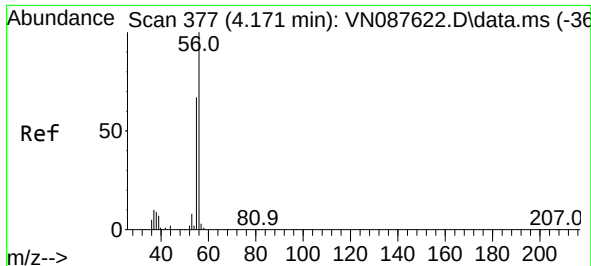
Ion Ratio Lower Upper

96 100

61 184.2 143.8 215.8

98 70.7 52.1 78.1





#13

Acrolein

Concen: 81.032 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 56 Resp: 8220

Ion Ratio Lower Upper

56 100

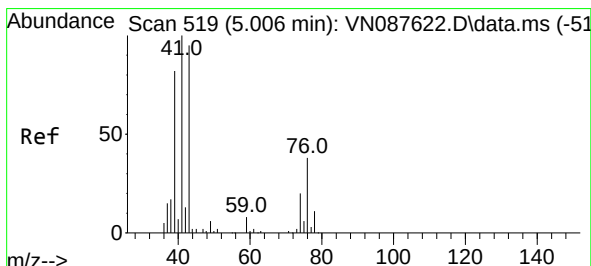
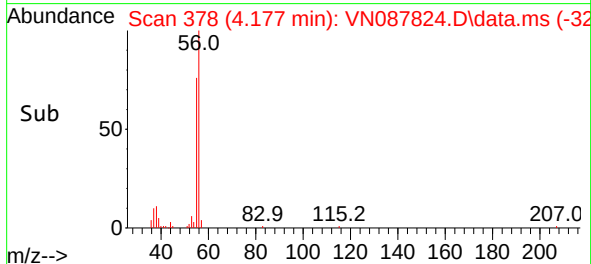
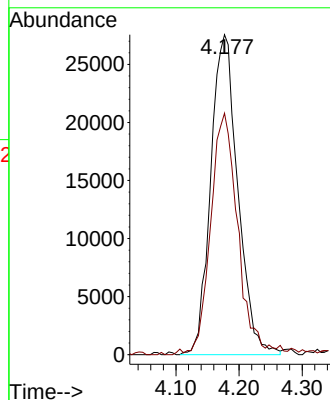
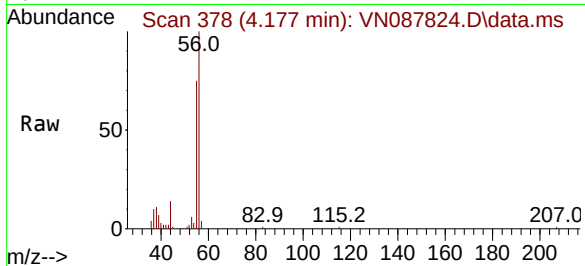
55 72.7 57.3 85.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#14

Allyl chloride

Concen: 17.785 ug/l m

RT: 5.006 min Scan# 519

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

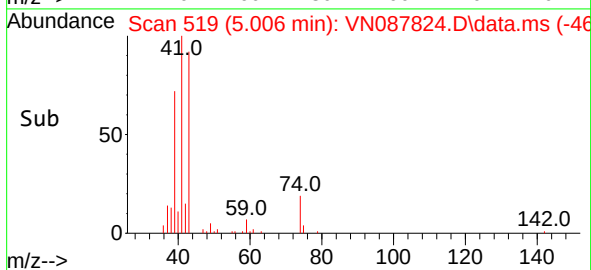
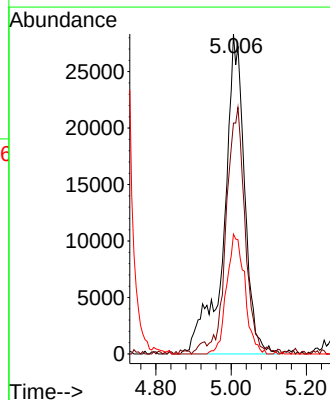
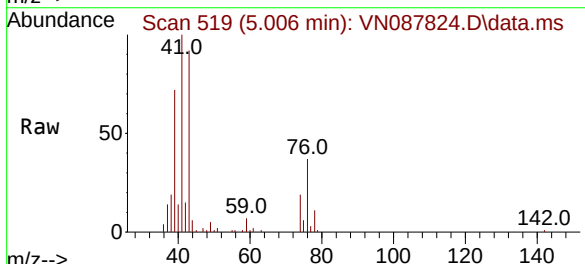
Tgt Ion: 41 Resp: 107794

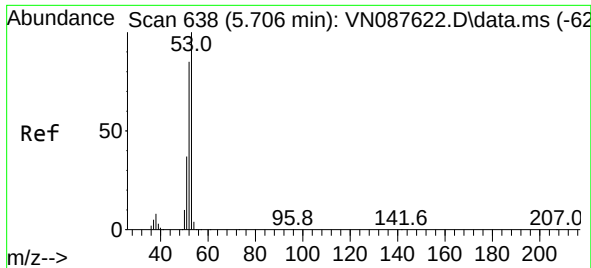
Ion Ratio Lower Upper

41 100

39 68.7 63.9 95.9

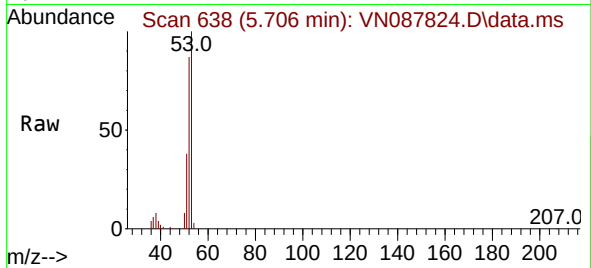
76 32.9 28.1 42.1





#15
Acrylonitrile
Concen: 86.150 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

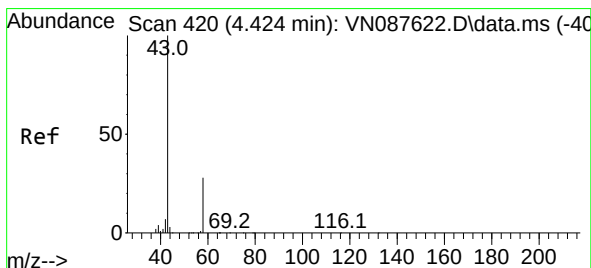
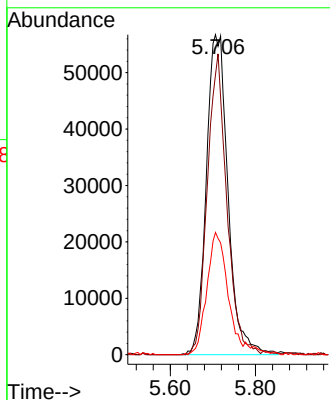
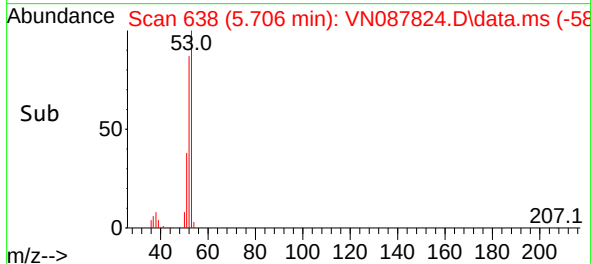
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



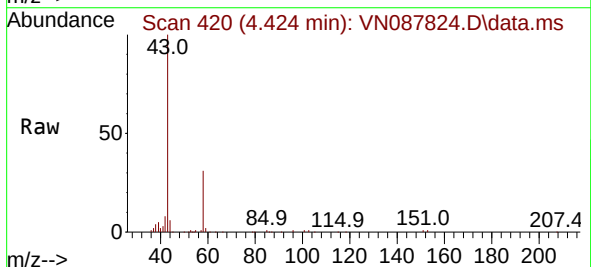
Tgt Ion: 53 Resp: 200485
Ion Ratio Lower Upper
53 100
52 84.3 67.6 101.4
51 38.2 30.1 45.1

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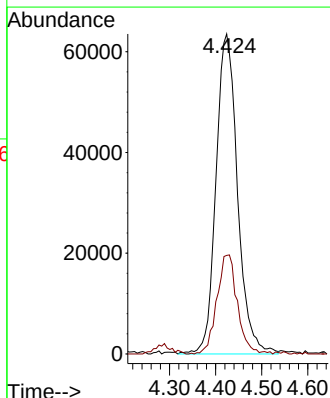
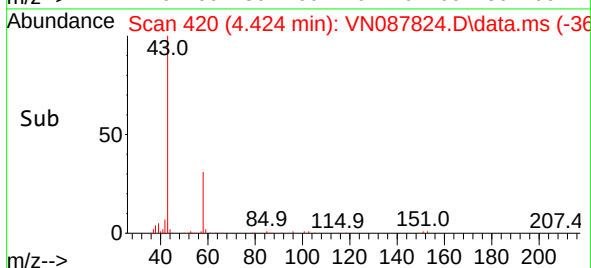
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

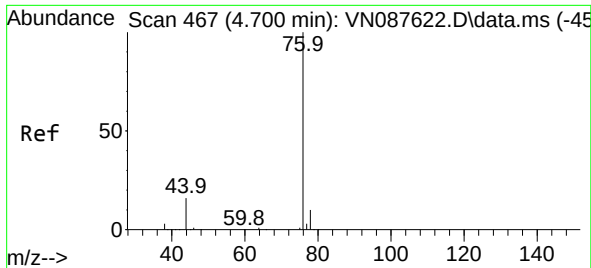


#16
Acetone
Concen: 79.527 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29



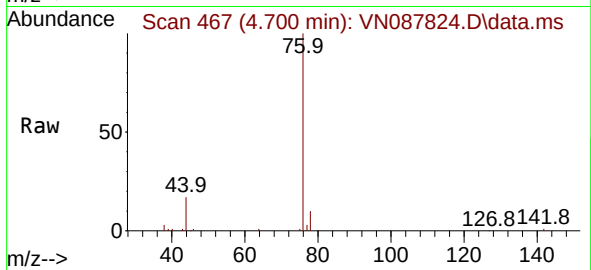
Tgt Ion: 43 Resp: 205774
Ion Ratio Lower Upper
43 100
58 30.3 22.6 33.8





#17
Carbon Disulfide
Concen: 19.173 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

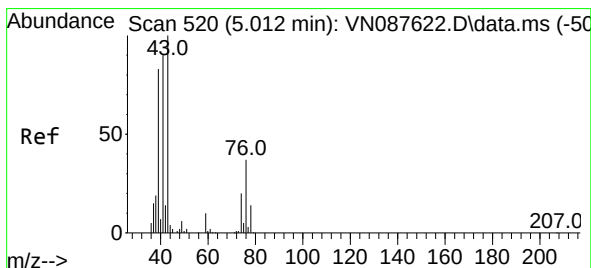
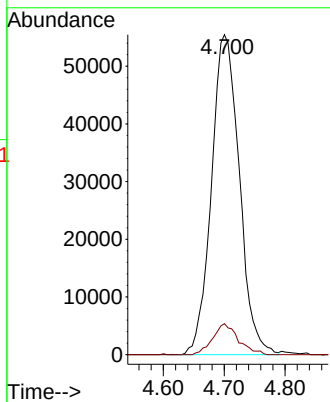
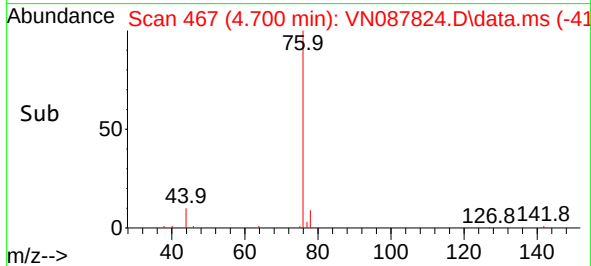
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 76 Resp: 176544
Ion Ratio Lower Upper
76 100
78 9.7 7.6 11.4

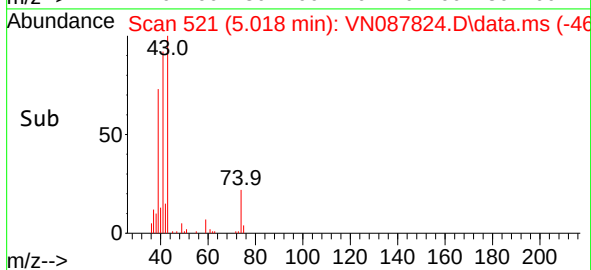
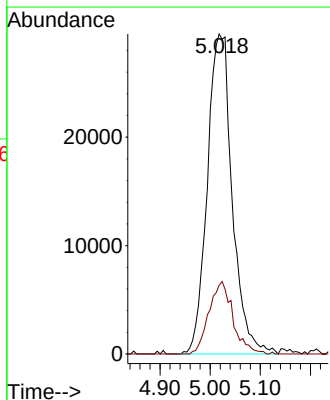
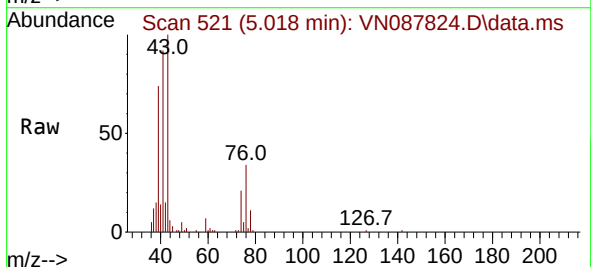
Manual Integrations
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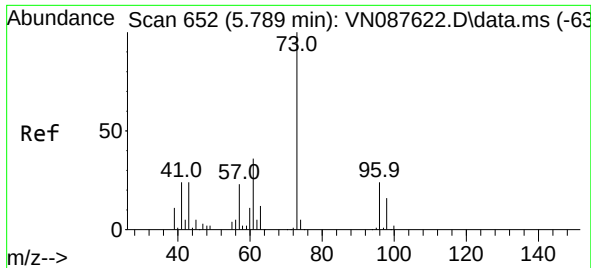
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#18
Methyl Acetate
Concen: 18.862 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Tgt Ion: 43 Resp: 102186
Ion Ratio Lower Upper
43 100
74 21.8 17.6 26.4





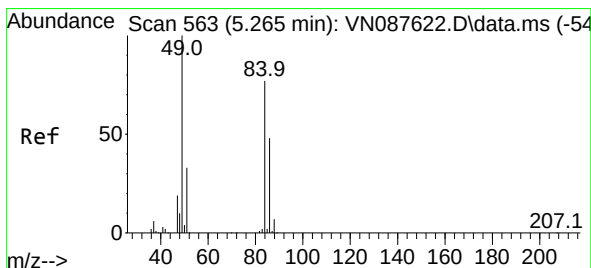
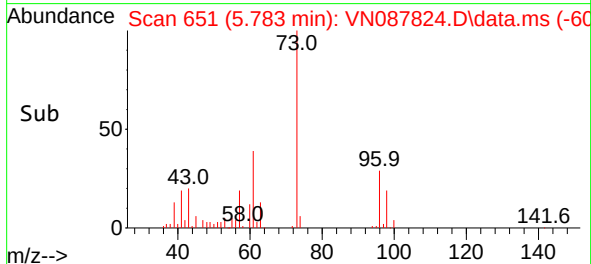
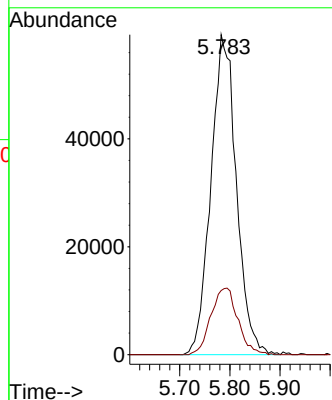
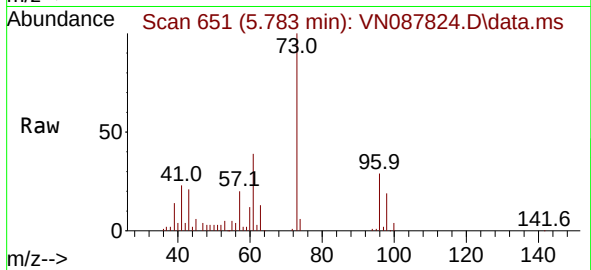
#19
Methyl tert-butyl Ether
Concen: 16.675 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion: 73 Resp: 209230
Ion Ratio Lower Upper
73 100
57 20.0 18.4 27.6

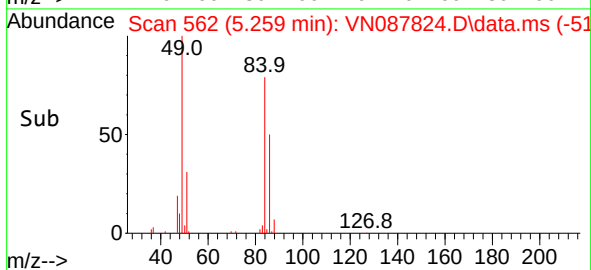
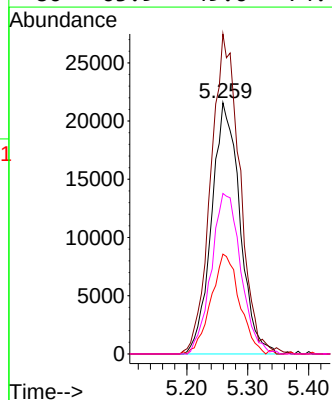
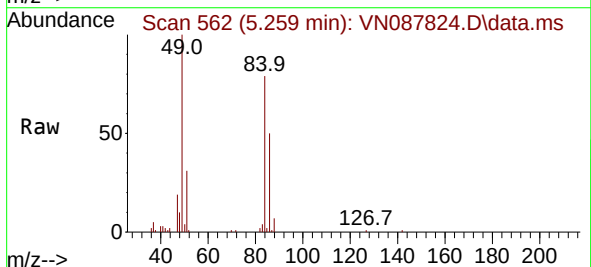
Manual Integrations
APPROVED

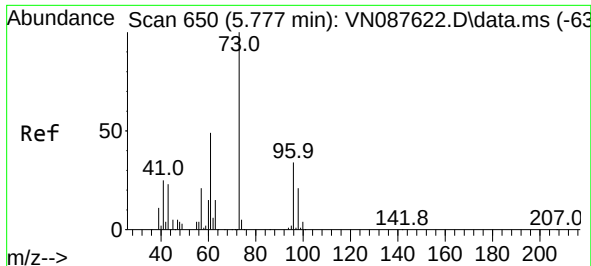
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#20
Methylene Chloride
Concen: 17.796 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

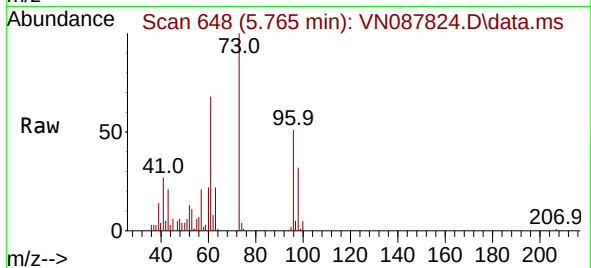
Tgt Ion: 84 Resp: 69594
Ion Ratio Lower Upper
84 100
49 127.4 103.4 155.2
51 39.8 33.8 50.8
86 63.9 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 17.529 ug/l
RT: 5.765 min Scan# 648
Delta R.T. -0.012 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

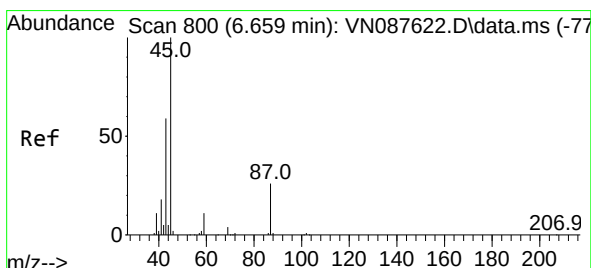
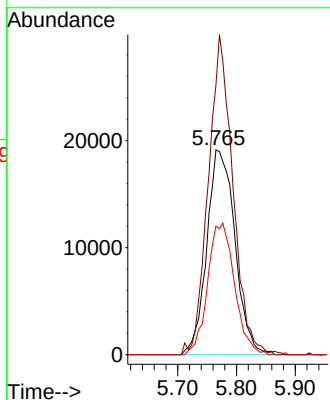
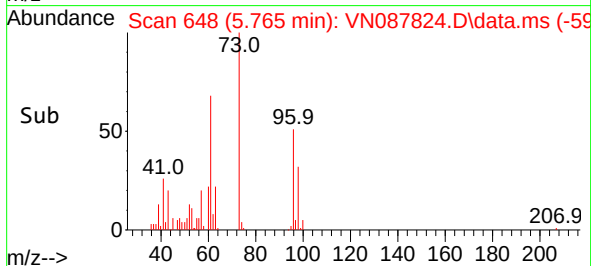
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 96 Resp: 6354
Ion Ratio Lower Upper
96 100
61 131.8 118.0 177.0
98 62.7 50.0 75.0

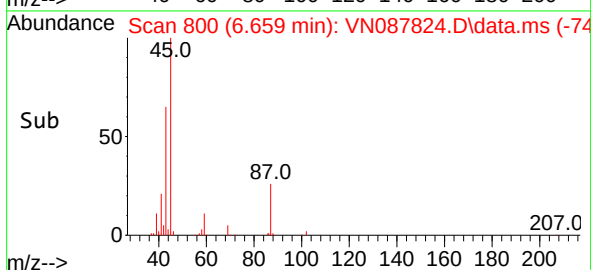
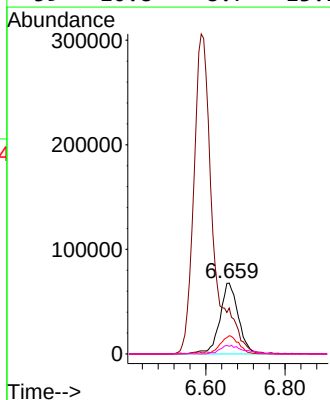
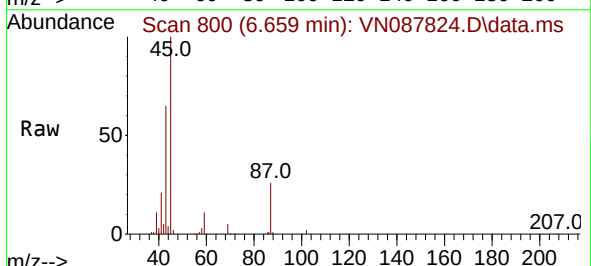
Manual Integrations
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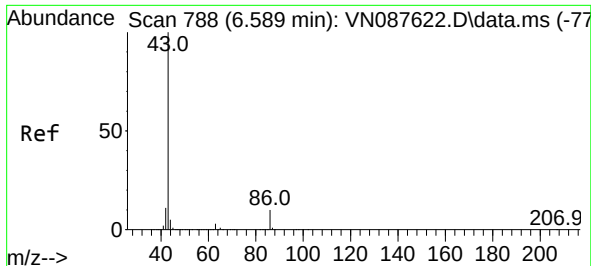
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#22
Diisopropyl ether
Concen: 16.870 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

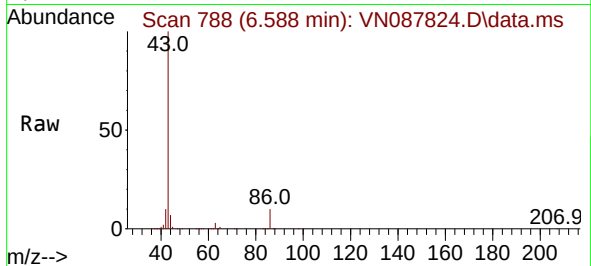
Tgt Ion: 45 Resp: 220658
Ion Ratio Lower Upper
45 100
43 63.6 47.7 71.5
87 25.8 21.4 32.0
59 10.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 85.269 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

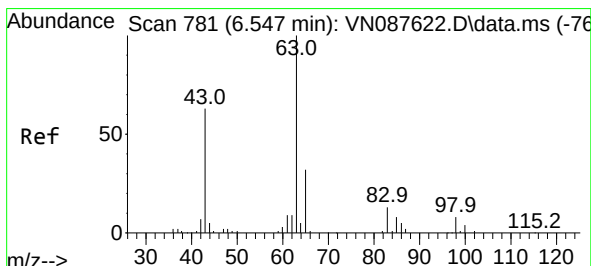
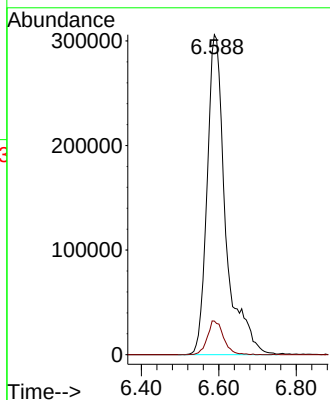
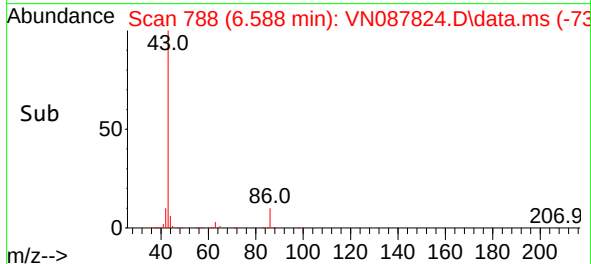
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01



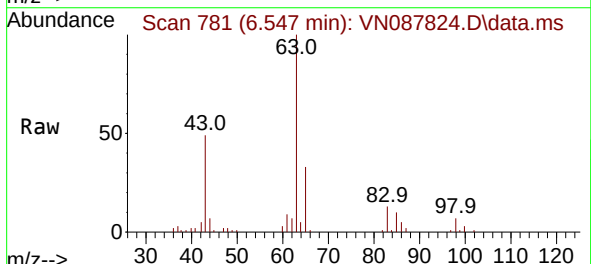
Tgt Ion: 43 Resp: 1014690
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.4

Manual Integrations
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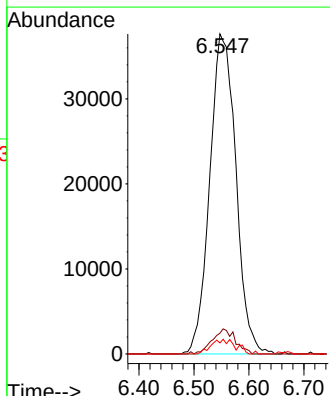
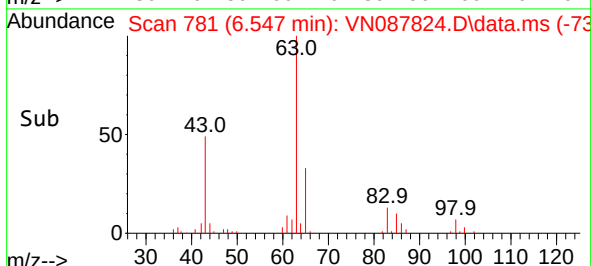
Reviewed By :John Carlone 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

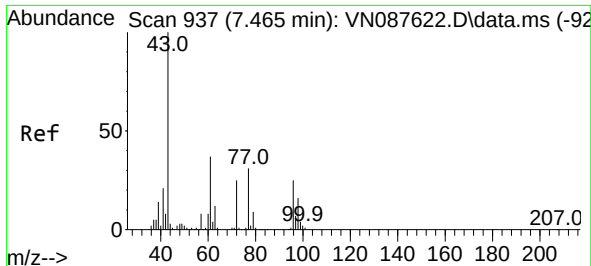


#24
 1,1-Dichloroethane
 Concen: 17.344 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29



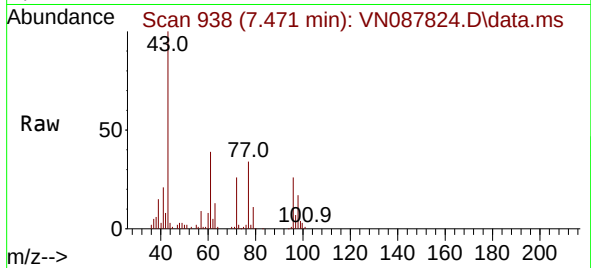
Tgt Ion: 63 Resp: 124386
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 3.5 2.0 6.0





#25
2-Butanone
Concen: 85.137 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

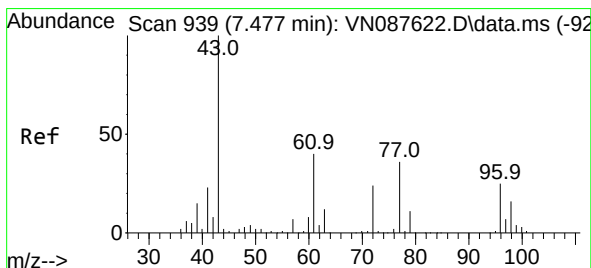
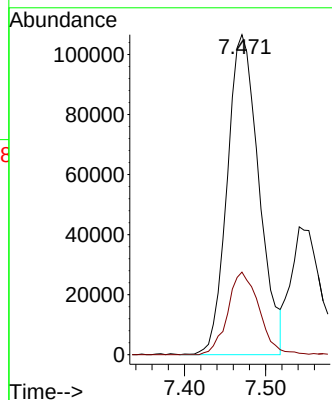
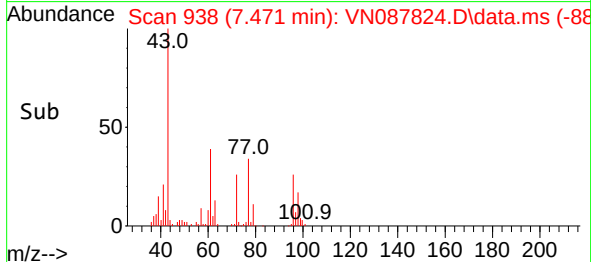
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 43 Resp: 289819
Ion Ratio Lower Upper
43 100
72 25.8 19.9 29.9

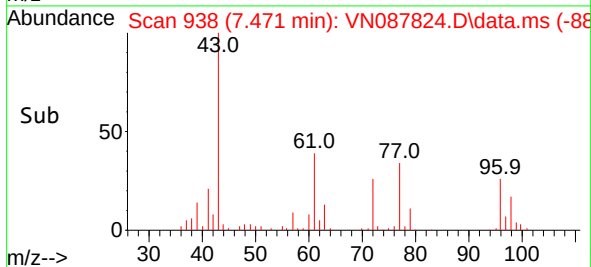
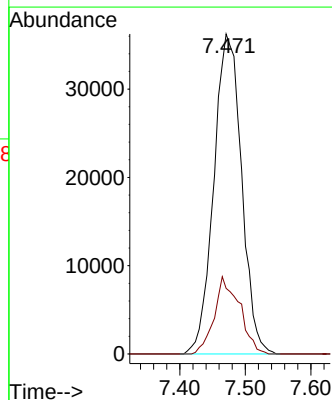
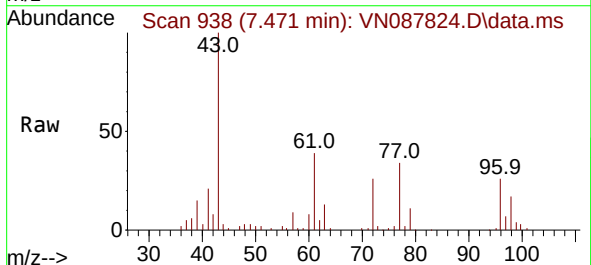
Manual Integrations
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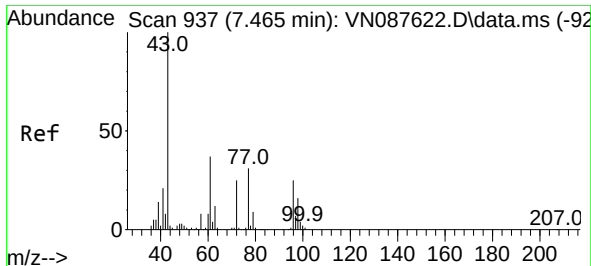
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#26
2,2-Dichloropropane
Concen: 17.277 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

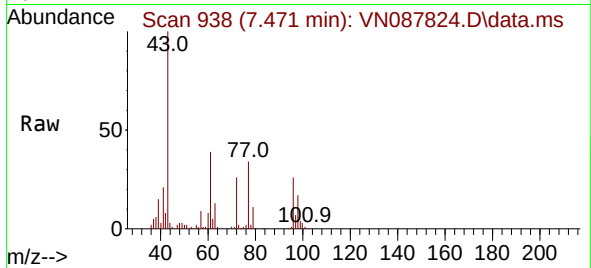
Tgt Ion: 77 Resp: 106342
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 17.173 ug/l
 RT: 7.471 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

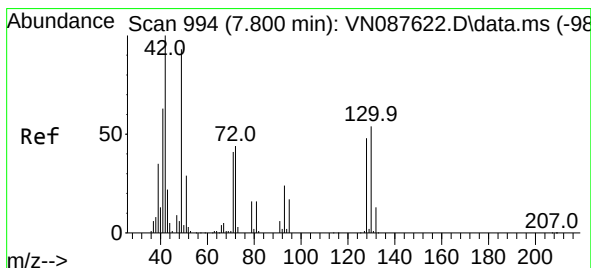
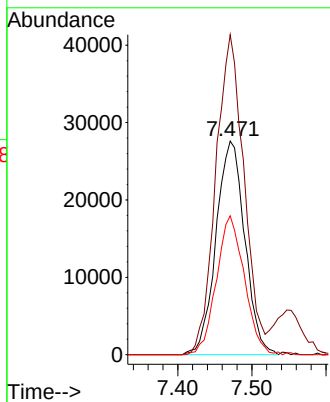
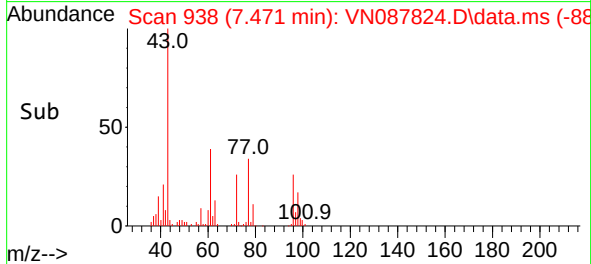
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01



Tgt Ion: 96 Resp: 74418
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 301.8
 98 63.2 0.0 126.2

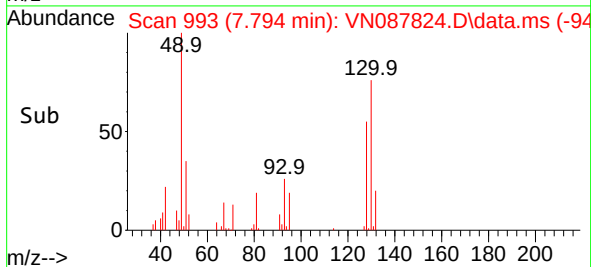
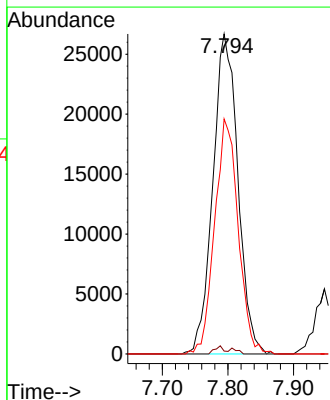
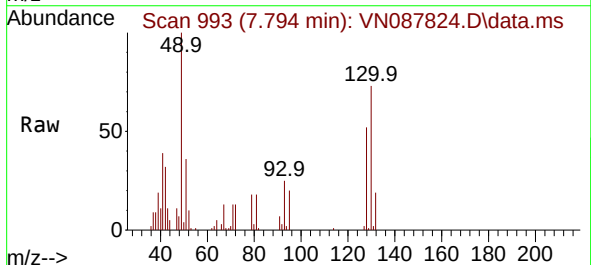
Manual Integrations
 APPROVED

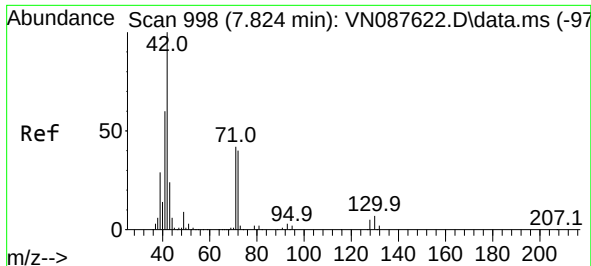
Reviewed By :John Carlone 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#28
 Bromochloromethane
 Concen: 20.381 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

Tgt Ion: 49 Resp: 70660
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.0
 130 69.0 53.1 79.7





#29

Tetrahydrofuran

Concen: 86.738 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087824.D

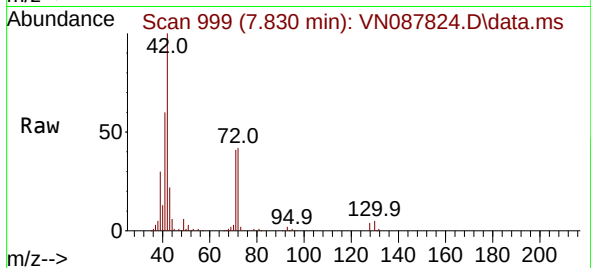
Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01



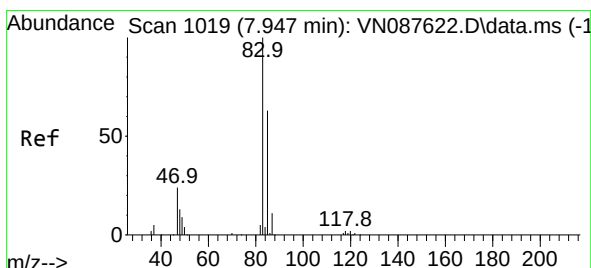
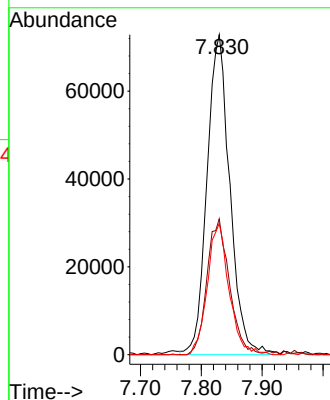
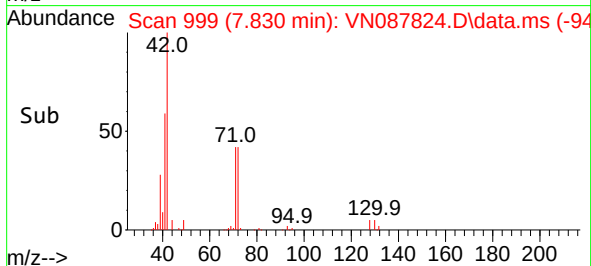
Tgt Ion:	42	Resp:	19002
Ion Ratio	100	Lower	Upper
42	100		
72	41.7	33.7	50.5
71	38.9	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#30

Chloroform

Concen: 17.619 ug/l

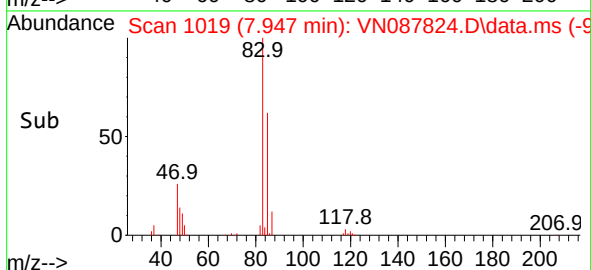
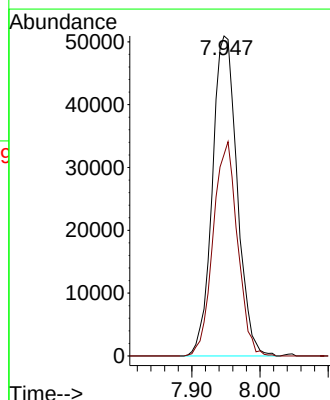
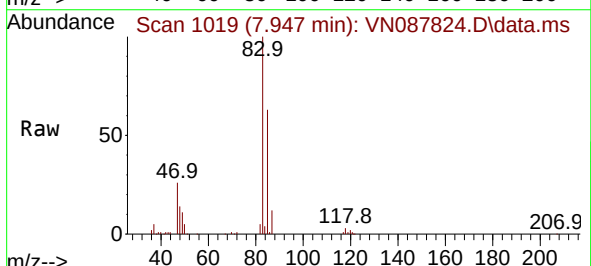
RT: 7.947 min Scan# 1019

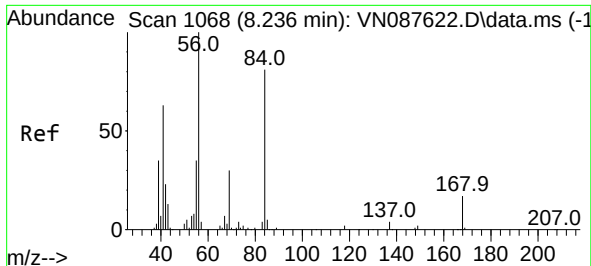
Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

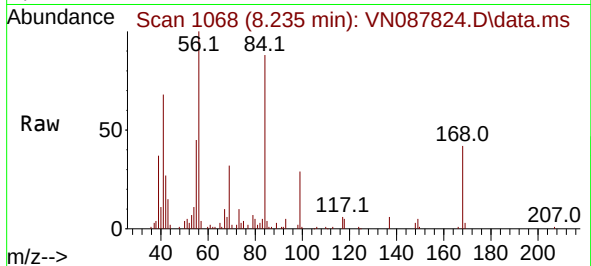
Tgt Ion:	83	Resp:	128971
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	50.7	76.1





#31
Cyclohexane
Concen: 17.080 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

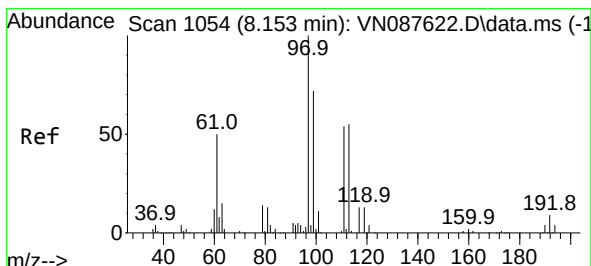
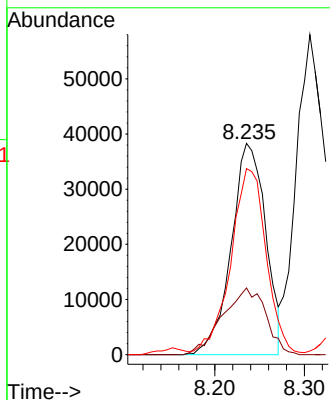
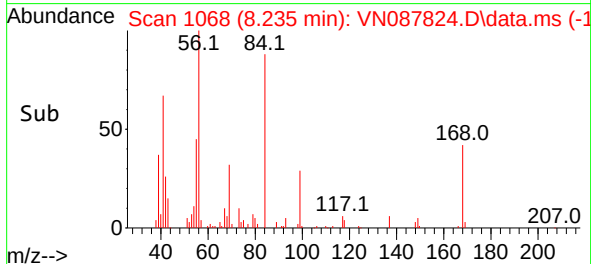
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



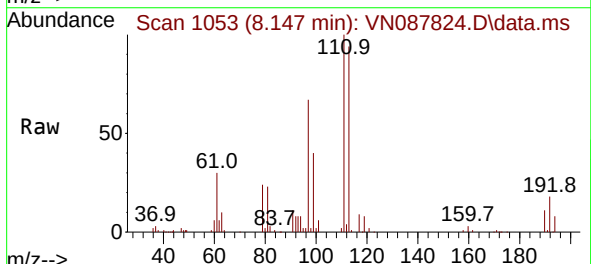
Tgt Ion: 56 Resp: 10211
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 85.5 64.7 97.1

Manual Integrations
APPROVED

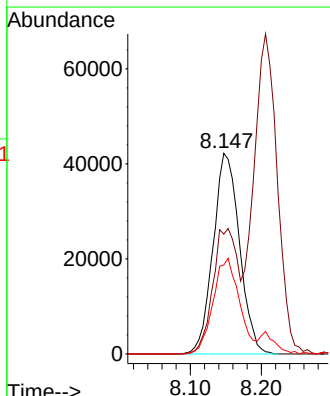
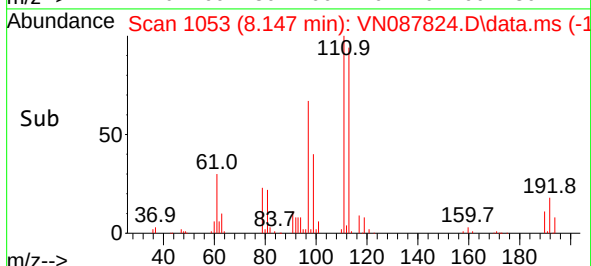
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

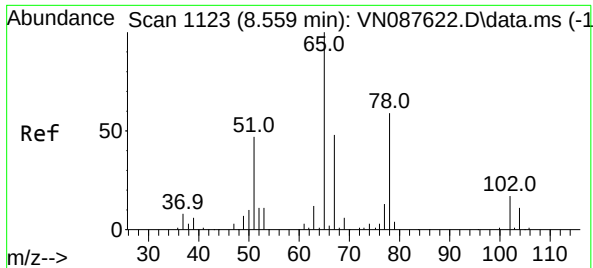


#32
1,1,1-Trichloroethane
Concen: 17.537 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29



Tgt Ion: 97 Resp: 108789
Ion Ratio Lower Upper
97 100
99 59.0 52.2 78.2
61 48.1 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 44.317 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 65 Resp: 210644

Ion Ratio Lower Upper

65 100

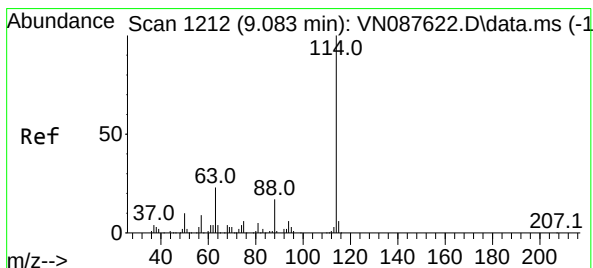
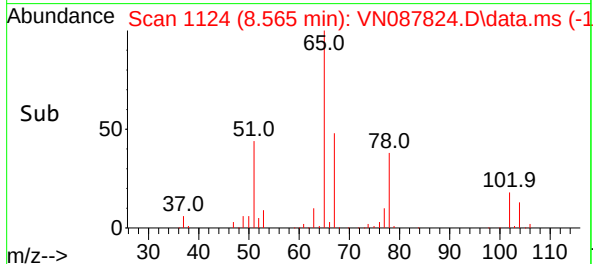
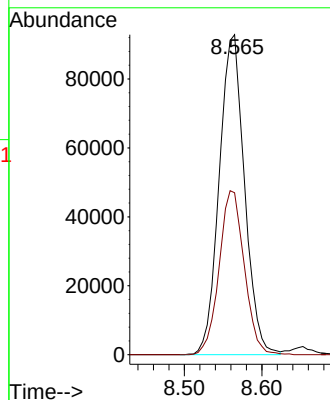
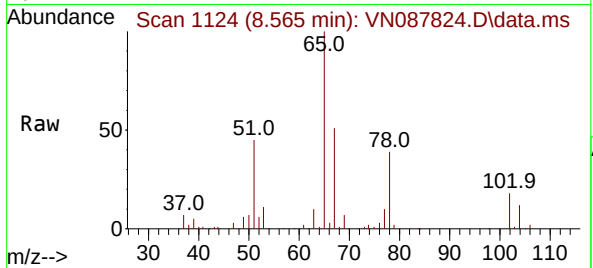
67 51.0 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

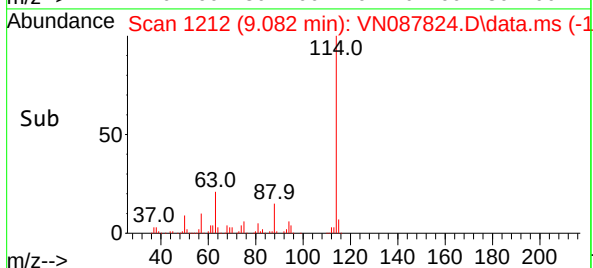
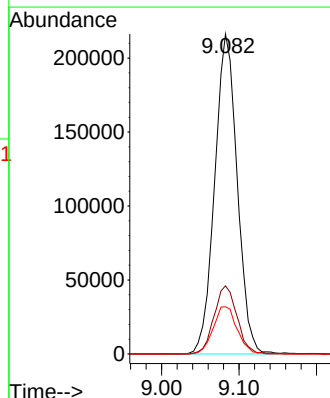
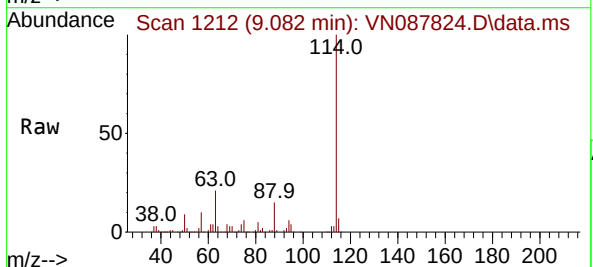
Tgt Ion:114 Resp: 436544

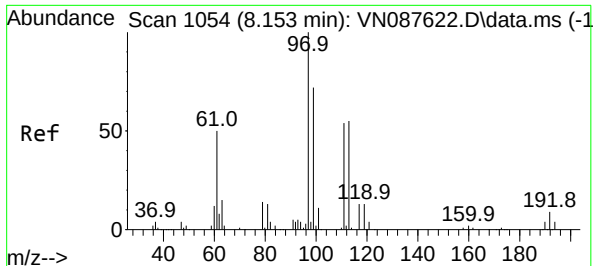
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 14.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.195 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

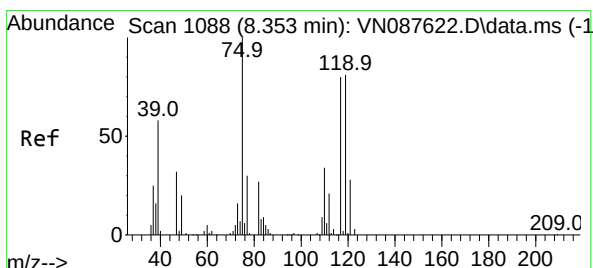
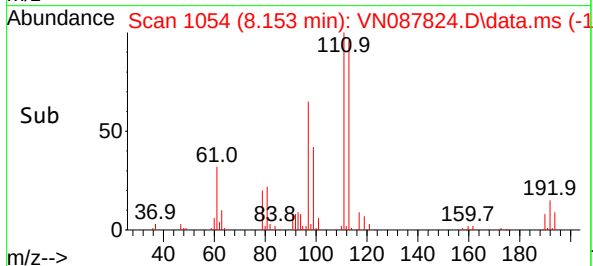
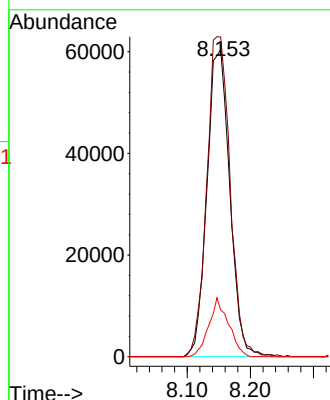
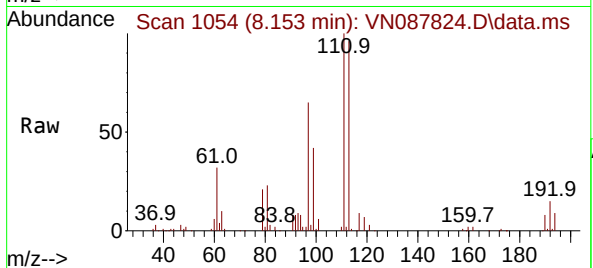
Tgt Ion:	113	Resp:	15190
Ion Ratio	Lower	Upper	
113	100		
111	106.3	82.8	124.2
192	16.6	12.8	19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#36

1,1-Dichloropropene

Concen: 17.703 ug/l

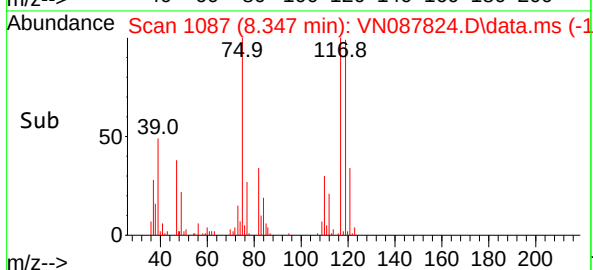
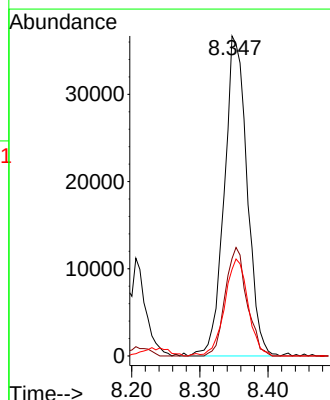
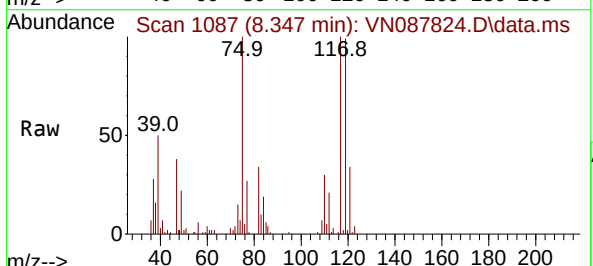
RT: 8.347 min Scan# 1087

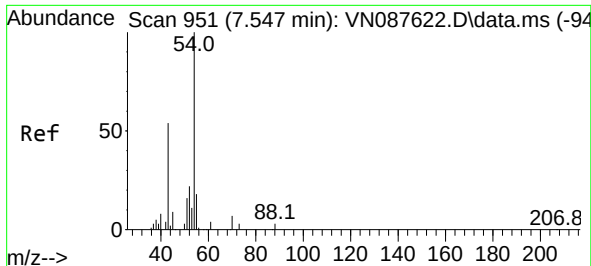
Delta R.T. -0.006 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Tgt Ion:	75	Resp:	85601
Ion Ratio	Lower	Upper	
75	100		
110	32.2	15.9	47.6
77	31.0	24.4	36.6





#37

Ethyl Acetate

Concen: 16.529 ug/l

RT: 7.541 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087824.D

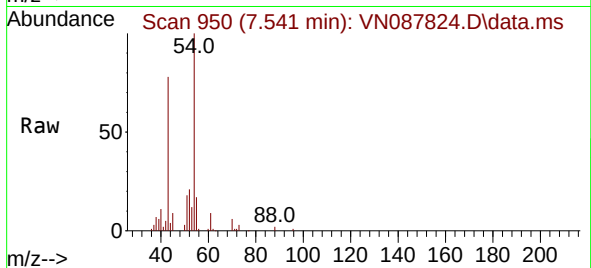
Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01



Tgt Ion: 43 Resp: 10921

Ion Ratio Lower Upper

43 100

61 14.2 9.3 13.9

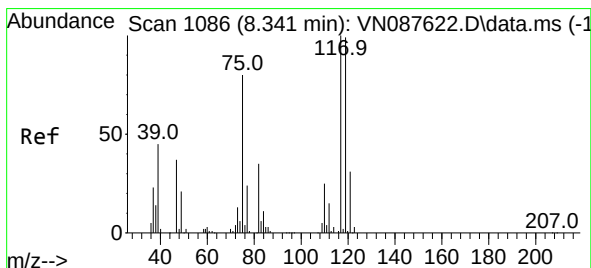
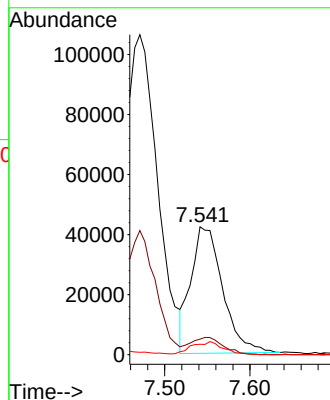
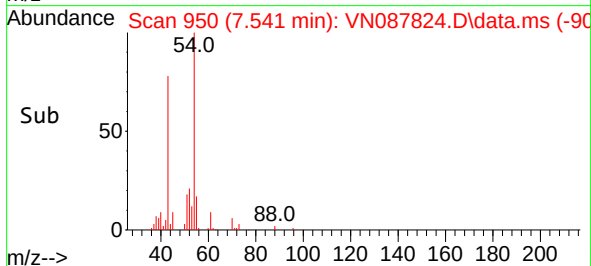
70 10.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#38

Carbon Tetrachloride

Concen: 19.314 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

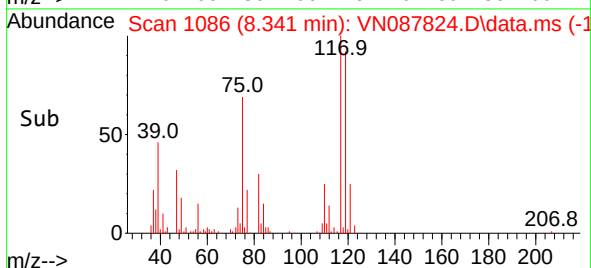
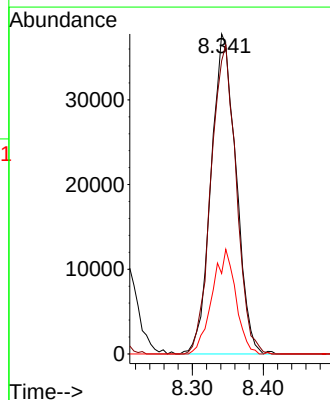
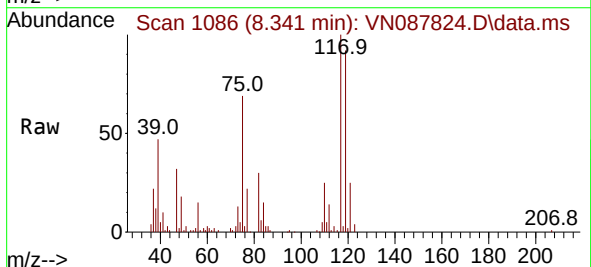
Tgt Ion:117 Resp: 92204

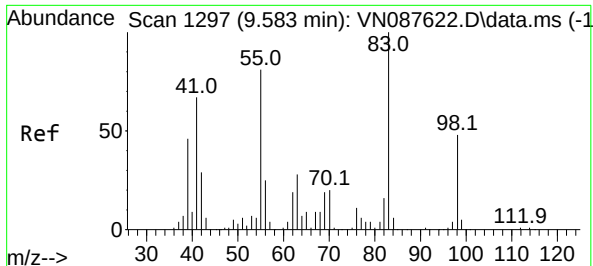
Ion Ratio Lower Upper

117 100

119 91.6 79.0 118.6

121 25.1 25.0 37.6





#39

Methylcyclohexane

Concen: 18.366 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

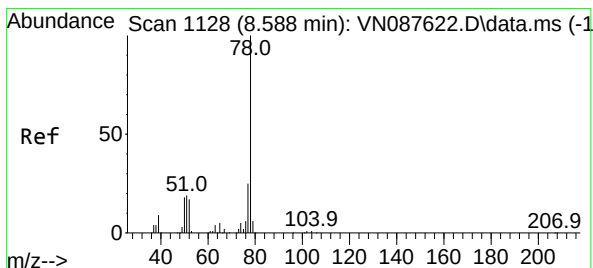
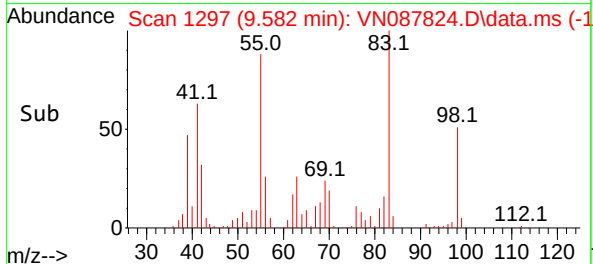
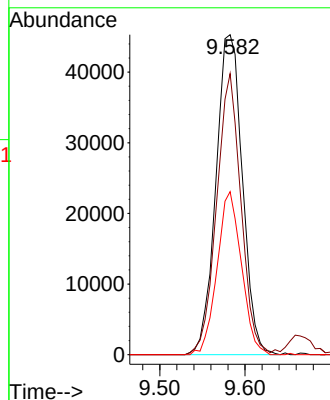
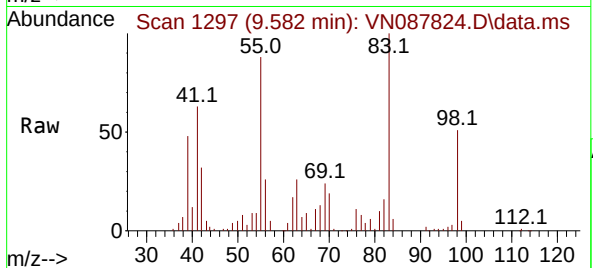
Tgt Ion: 83	Resp: 9776
Ion Ratio	Lower Upper
83	100
55	87.8 64.6 96.8
98	51.0 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#40

Benzene

Concen: 18.472 ug/l

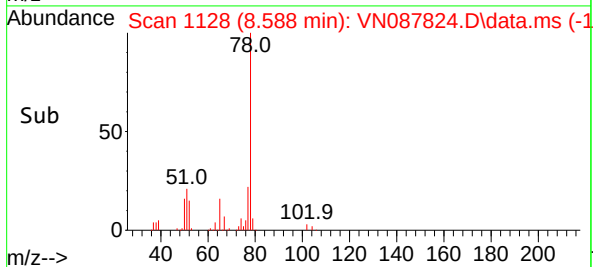
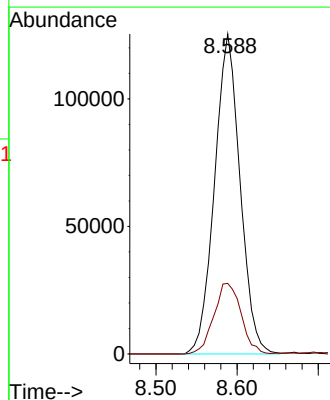
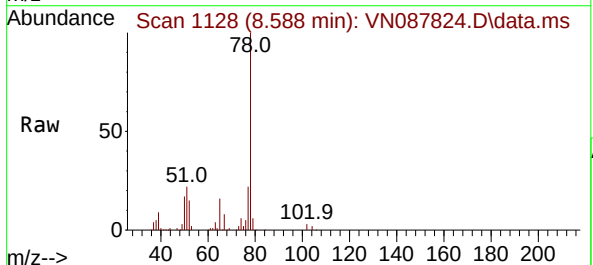
RT: 8.588 min Scan# 1128

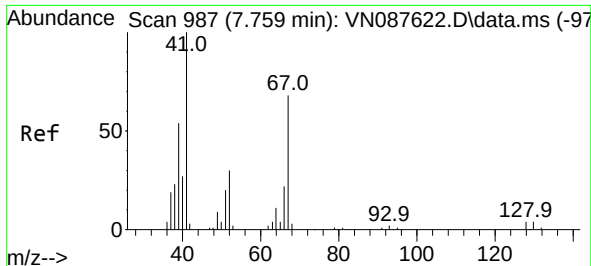
Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

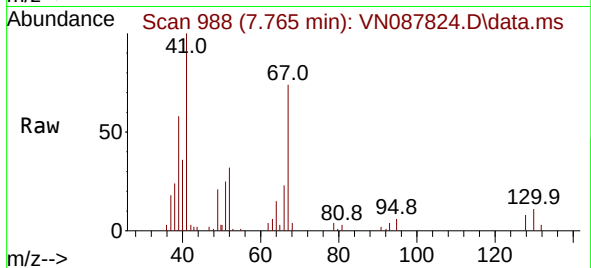
Tgt Ion: 78	Resp: 273946
Ion Ratio	Lower Upper
78	100
77	22.1 19.7 29.5





#41
Methacrylonitrile
Concen: 18.272 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

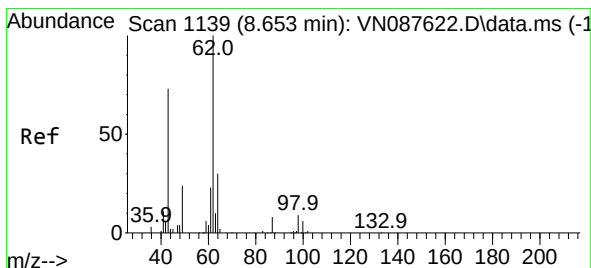
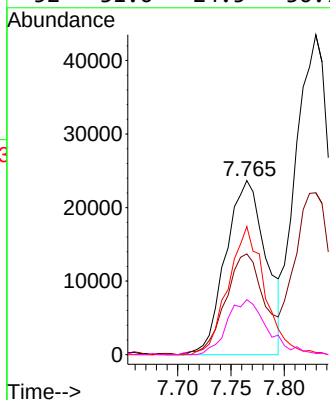
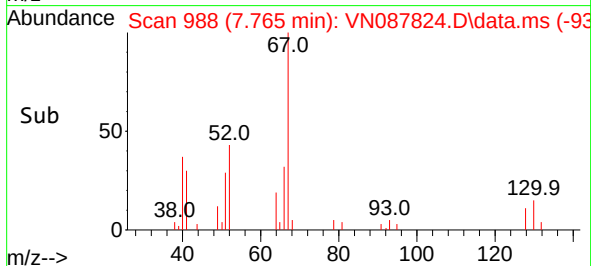
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 41 Resp: 6253
Ion Ratio Lower Upper
41 100
39 55.9 45.4 68.0
67 66.9 55.3 82.9
52 31.6 24.5 36.7

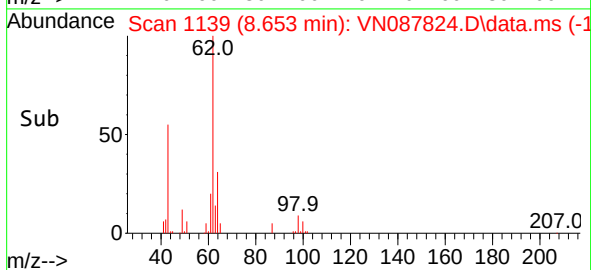
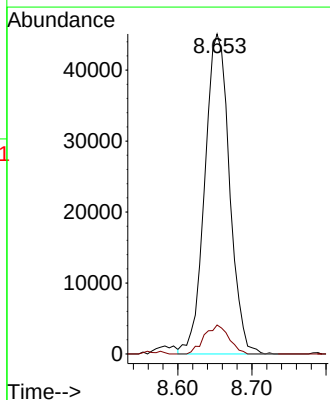
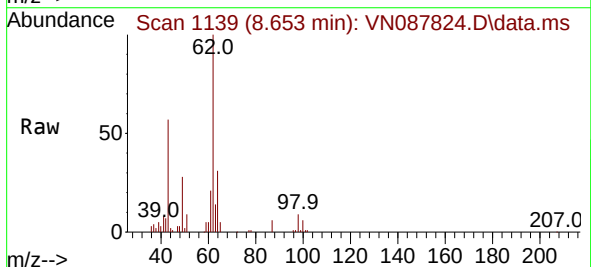
Manual Integrations
APPROVED

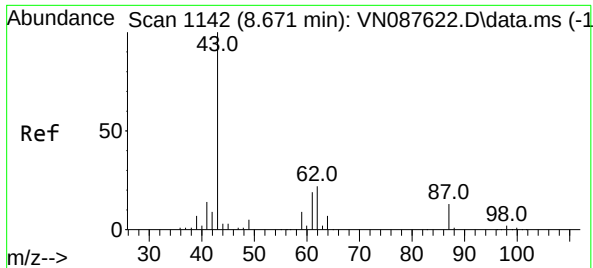
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#42
1,2-Dichloroethane
Concen: 18.327 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Tgt Ion: 62 Resp: 104448
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.4





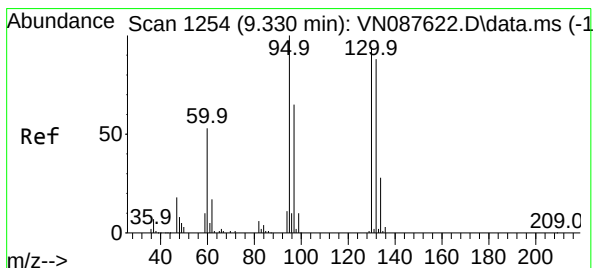
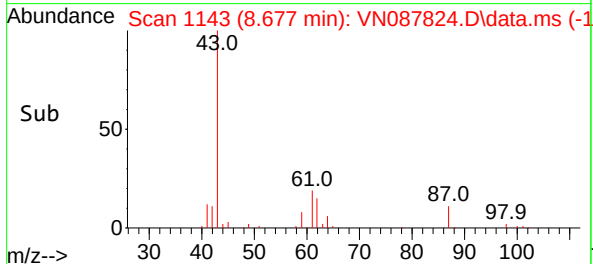
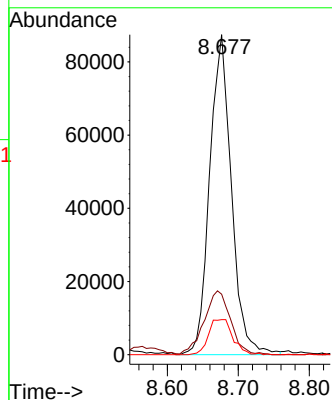
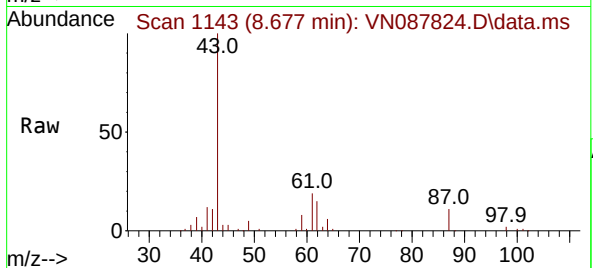
#43
Isopropyl Acetate
Concen: 18.019 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion: 43 Resp: 18588
Ion Ratio Lower Upper
43 100
61 24.3 18.8 28.2
87 12.3 9.6 14.4

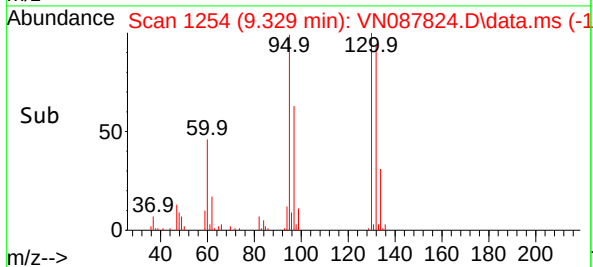
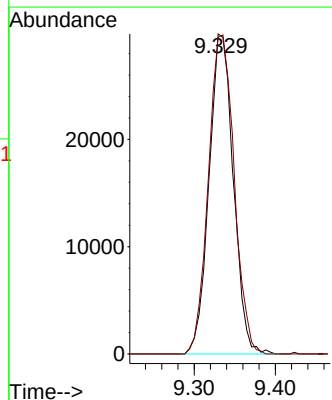
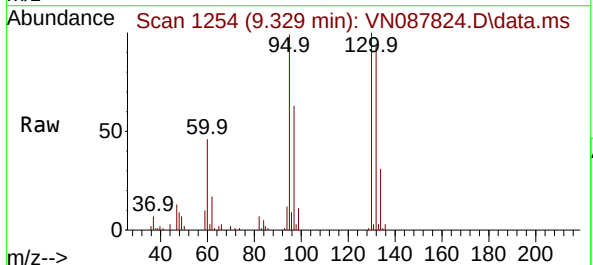
Manual Integrations
APPROVED

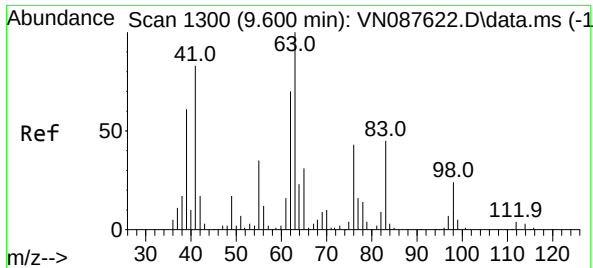
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#44
Trichloroethene
Concen: 18.309 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Tgt Ion:130 Resp: 61995
Ion Ratio Lower Upper
130 100
95 99.0 0.0 212.0





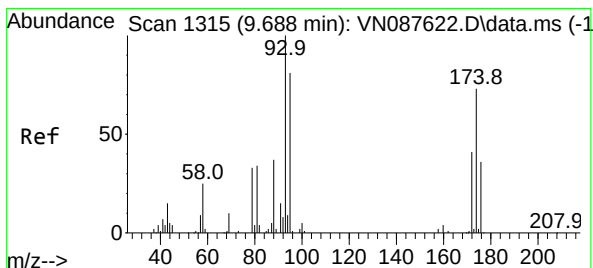
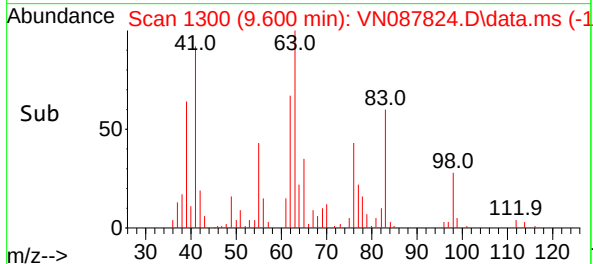
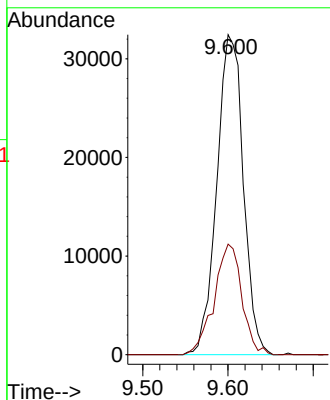
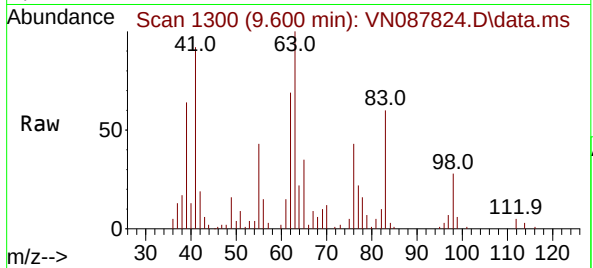
#45
1,2-Dichloropropane
Concen: 17.933 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion: 63 Resp: 7010
Ion Ratio Lower Upper
63 100
65 34.6 25.0 37.4

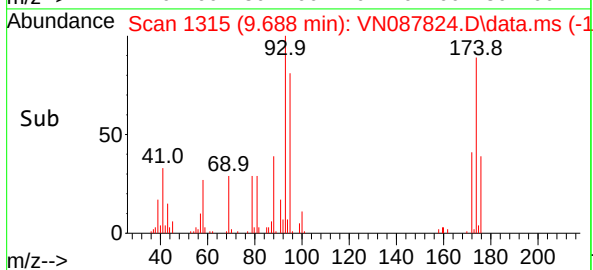
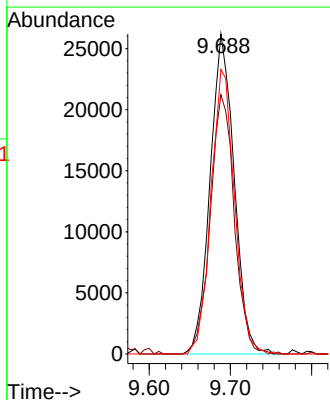
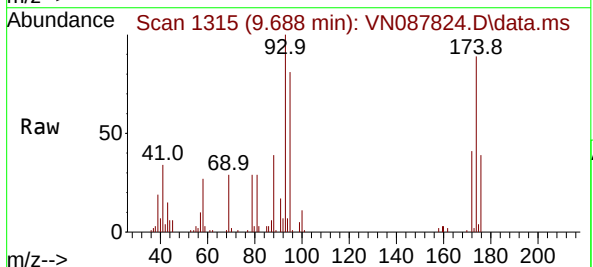
Manual Integrations
APPROVED

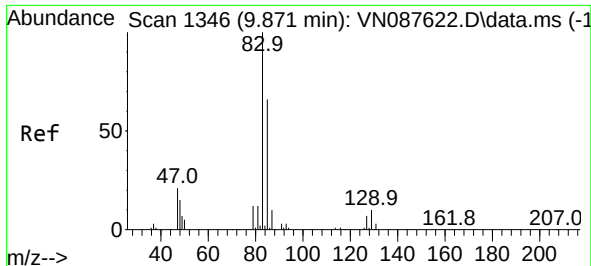
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#46
Dibromomethane
Concen: 19.386 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

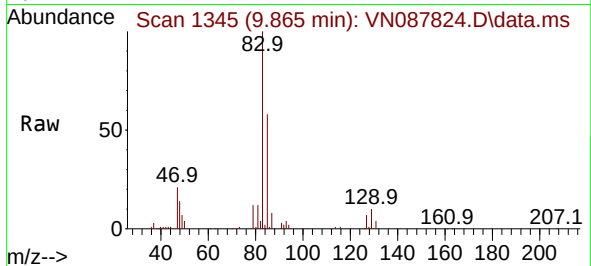
Tgt Ion: 93 Resp: 53930
Ion Ratio Lower Upper
93 100
95 80.9 66.2 99.4
174 86.8 63.4 95.2





#47
Bromodichloromethane
Concen: 18.781 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

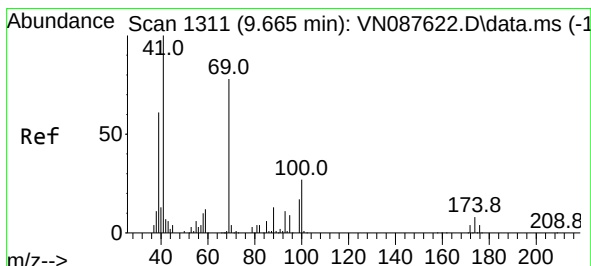
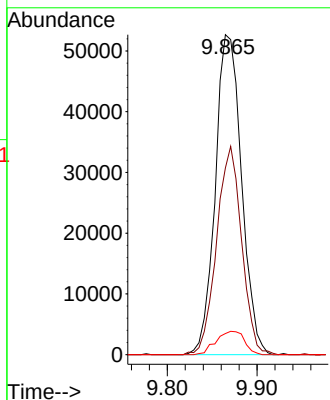
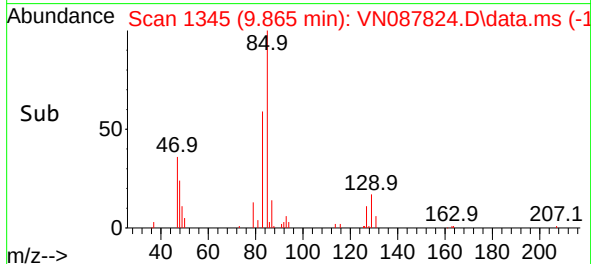
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 83 Resp: 107078
Ion Ratio Lower Upper
83 100
85 58.3 52.5 78.7
127 6.6 5.8 8.6

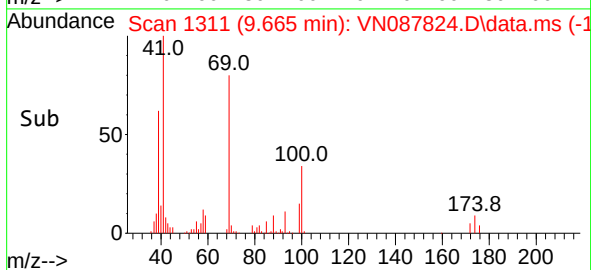
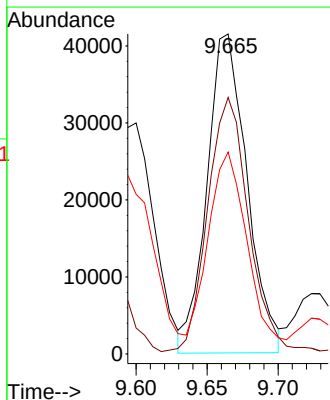
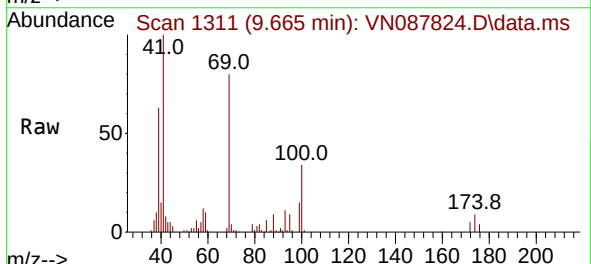
Manual Integrations
APPROVED

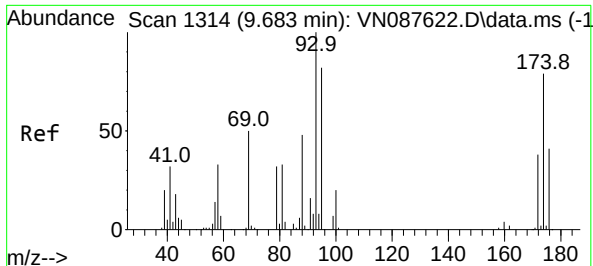
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#48
Methyl methacrylate
Concen: 16.653 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Tgt Ion: 41 Resp: 81257
Ion Ratio Lower Upper
41 100
69 82.6 62.7 94.1
39 62.7 52.9 79.3





#49

1,4-Dioxane

Concen: 396.653 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 88 Resp: 2508

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

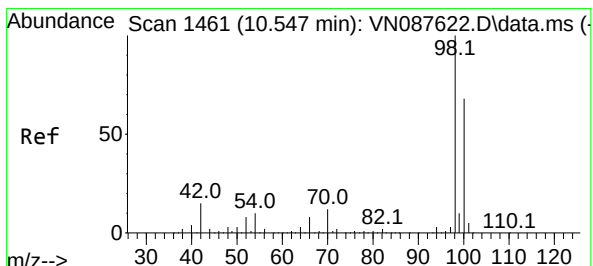
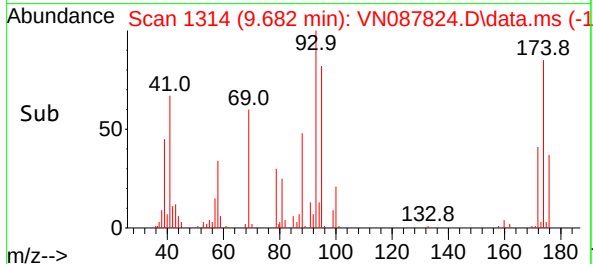
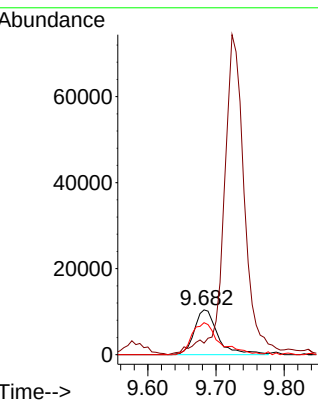
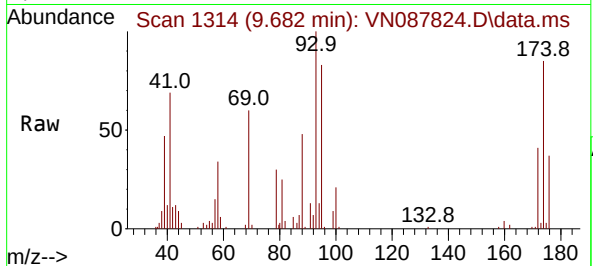
58 82.6 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#50

Toluene-d8

Concen: 46.174 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087824.D

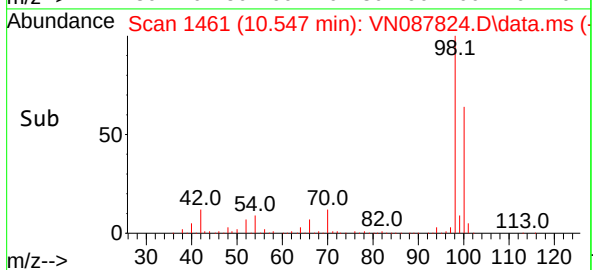
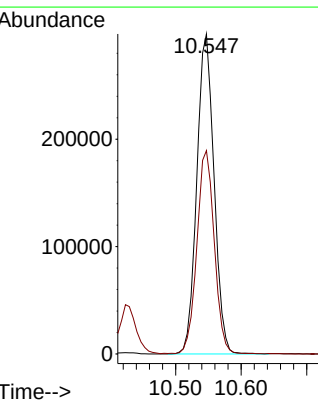
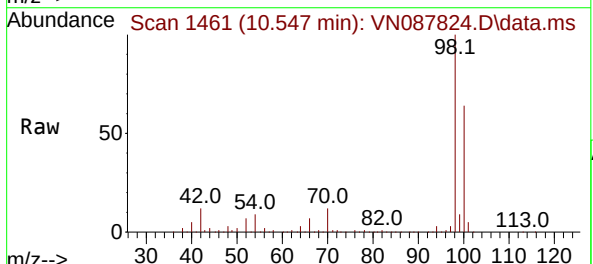
Acq: 15 Sep 2025 10:29

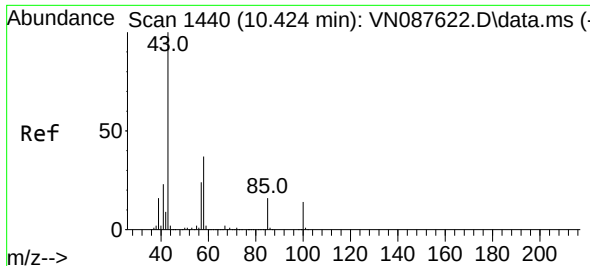
Tgt Ion: 98 Resp: 544705

Ion Ratio Lower Upper

98 100

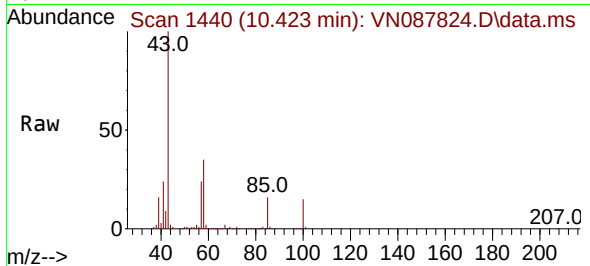
100 64.2 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 92.378 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

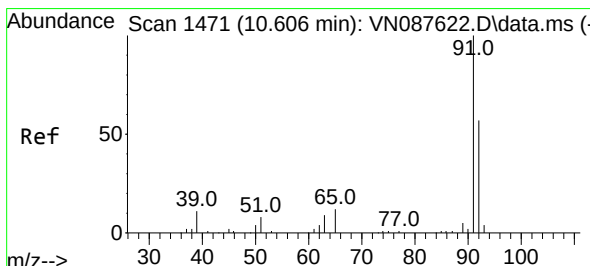
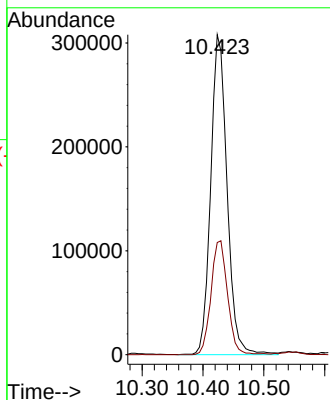
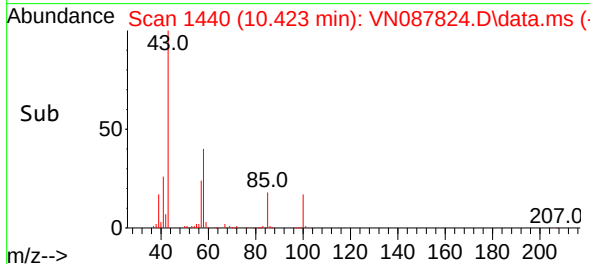
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 43 Resp: 574954
Ion Ratio Lower Upper
43 100
58 35.8 29.6 44.4

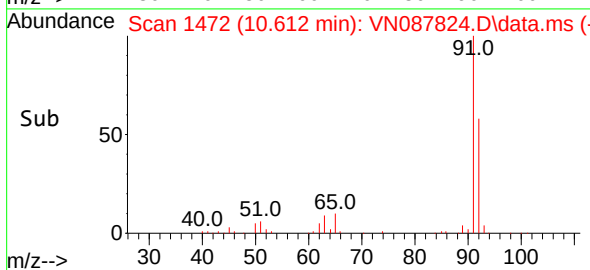
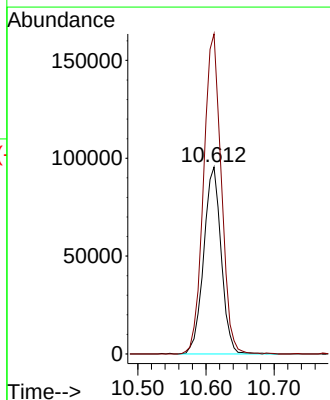
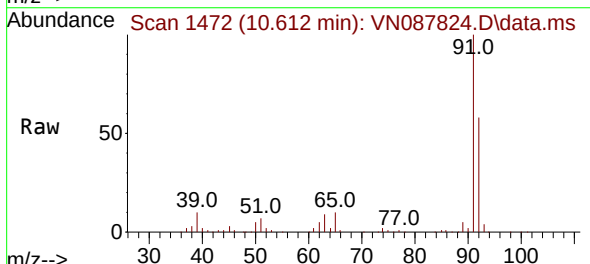
Manual Integrations
APPROVED

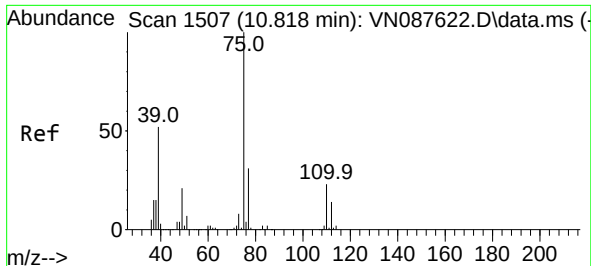
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#52
Toluene
Concen: 18.512 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

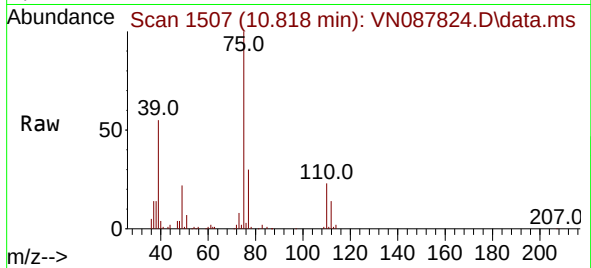
Tgt Ion: 92 Resp: 170204
Ion Ratio Lower Upper
92 100
91 173.7 140.4 210.6





#53
 t-1,3-Dichloropropene
 Concen: 18.482 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

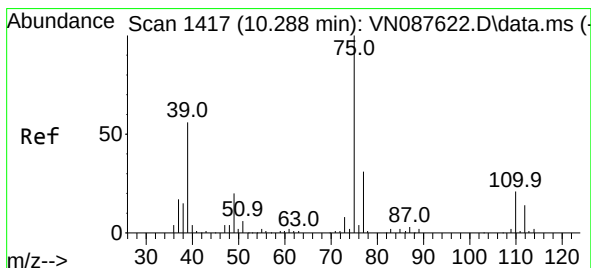
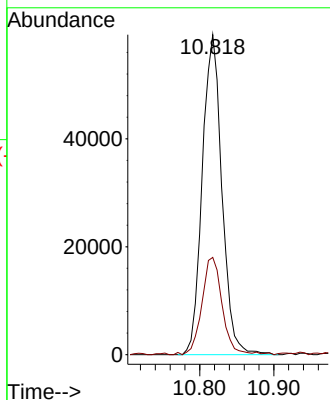
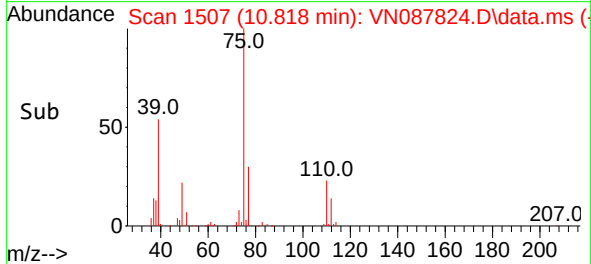
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01



Tgt Ion: 75 Resp: 109070
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.2 37.8

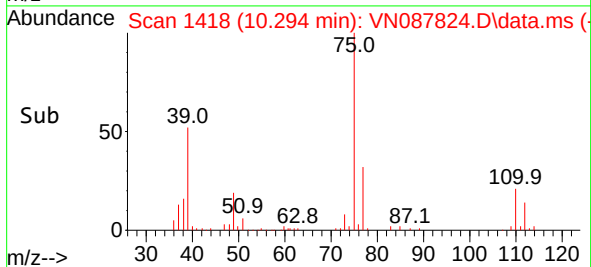
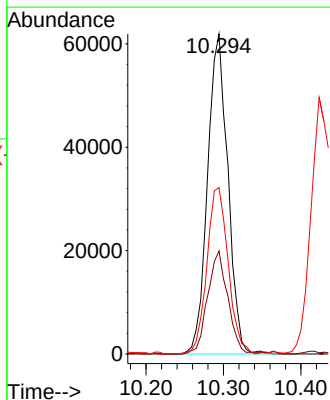
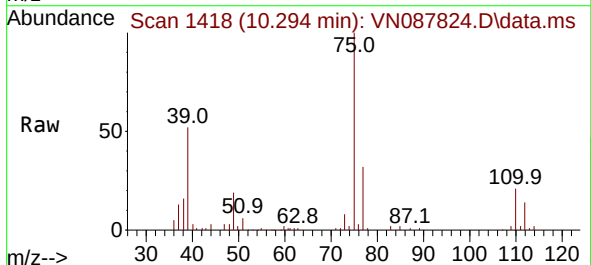
Manual Integrations
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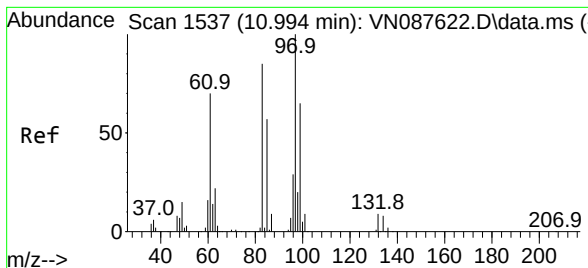
Reviewed By :John Carlone 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.380 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

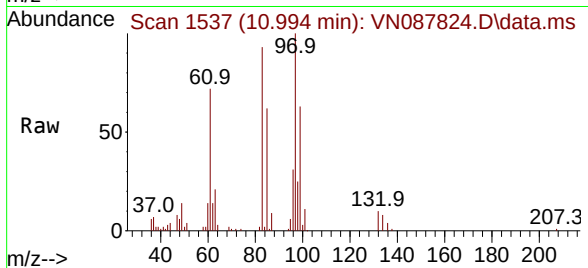
Tgt Ion: 75 Resp: 112626
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0
 39 52.0 45.2 67.8





#55
 1,1,2-Trichloroethane
 Concen: 19.423 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

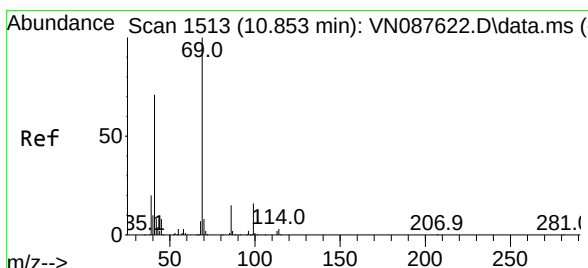
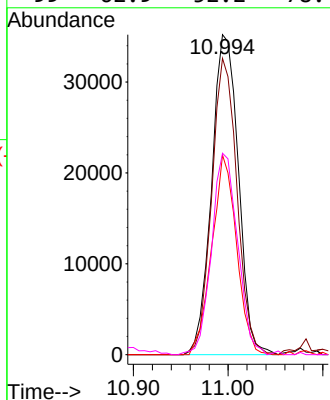
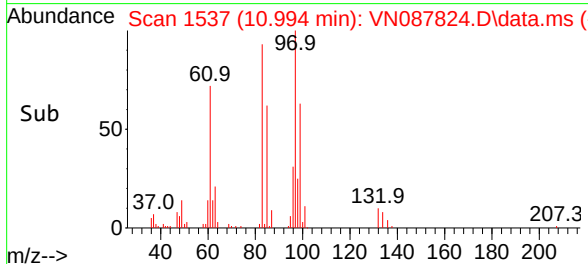
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01



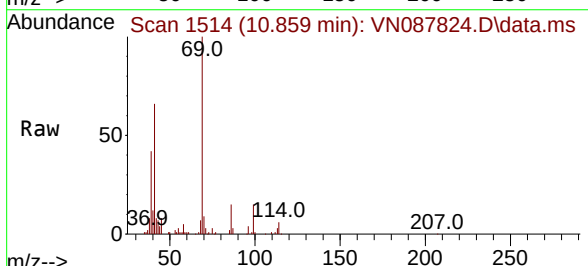
Tgt Ion:	97	Resp:	6908
Ion	Ratio	Lower	Upper
97	100		
83	92.6	68.2	102.4
85	62.4	45.5	68.3
99	62.9	52.2	78.4

Manual Integrations
 APPROVED

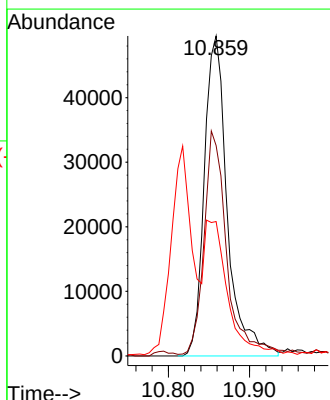
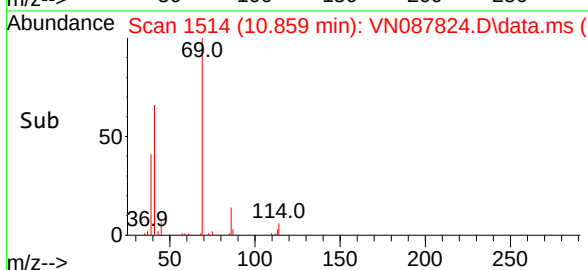
Reviewed By :John Carlone 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

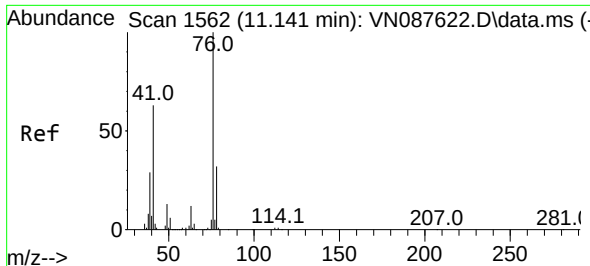


#56
 Ethyl methacrylate
 Concen: 17.208 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29



Tgt Ion:	69	Resp:	97814
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.5	84.7
39	41.6	34.2	51.4





#57

1,3-Dichloropropane

Concen: 18.469 ug/l

RT: 11.141 min Scan# 11625

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion: 76 Resp: 11625

Ion Ratio Lower Upper

76 100

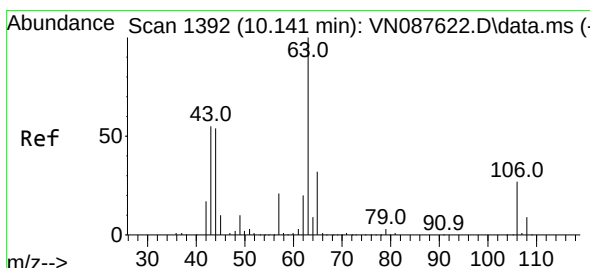
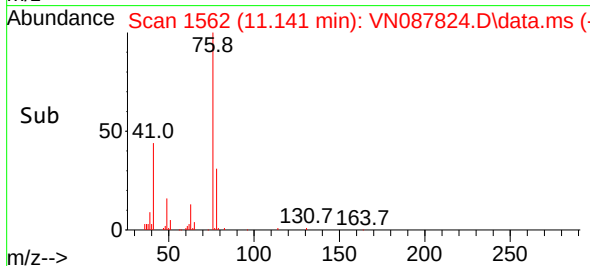
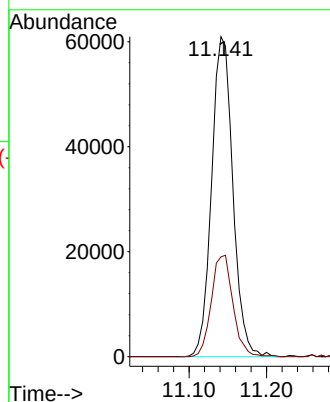
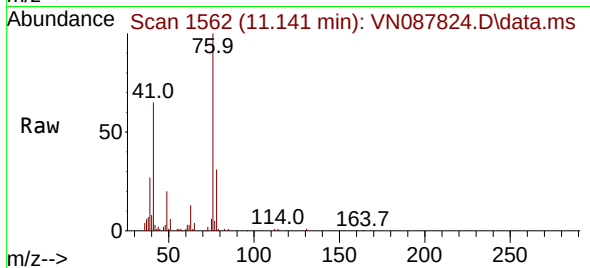
78 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 94.726 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087824.D

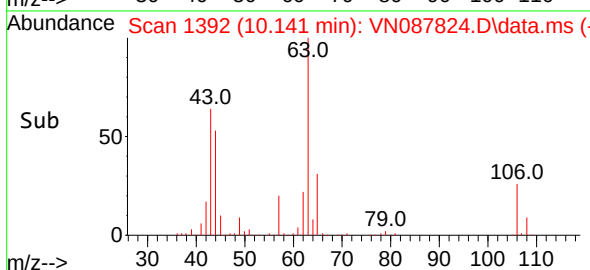
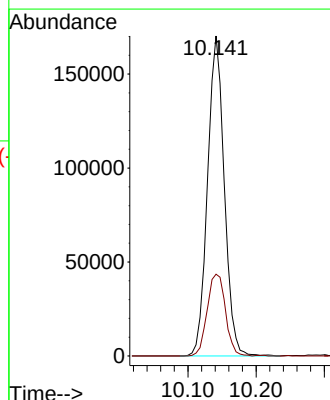
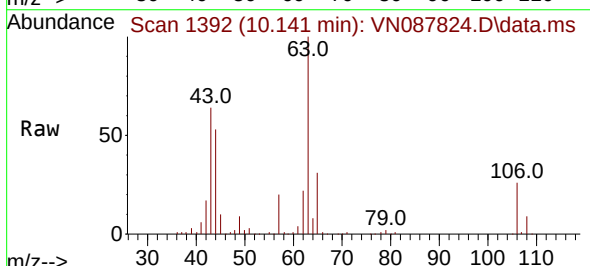
Acq: 15 Sep 2025 10:29

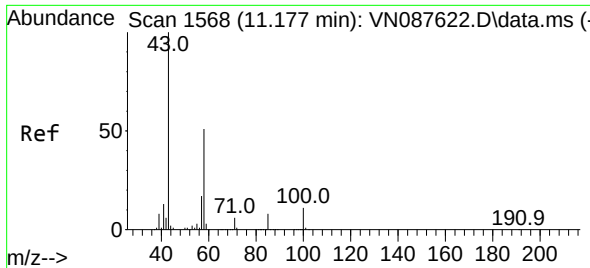
Tgt Ion: 63 Resp: 291427

Ion Ratio Lower Upper

63 100

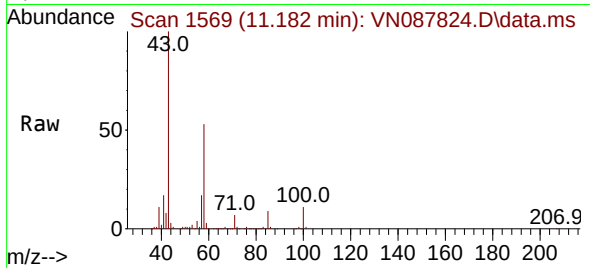
106 27.8 21.1 31.7





#59
2-Hexanone
Concen: 87.355 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

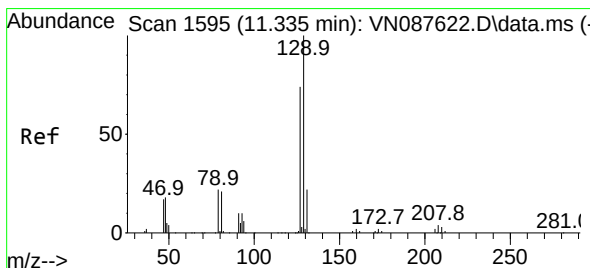
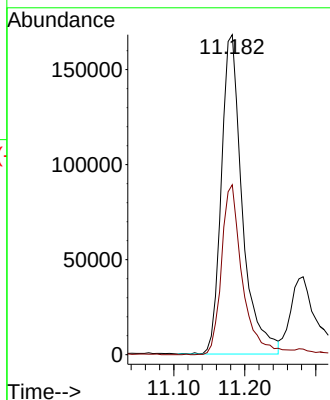
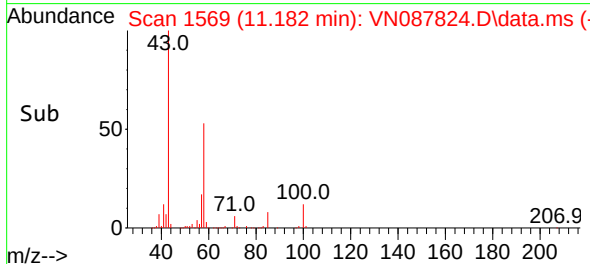
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 43 Resp: 343614
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.8

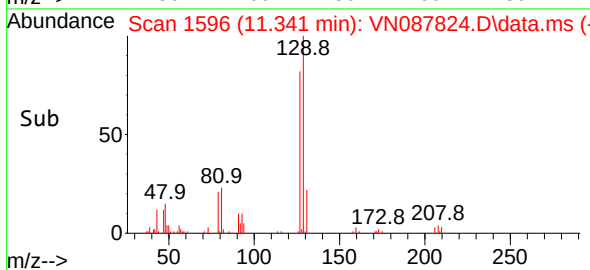
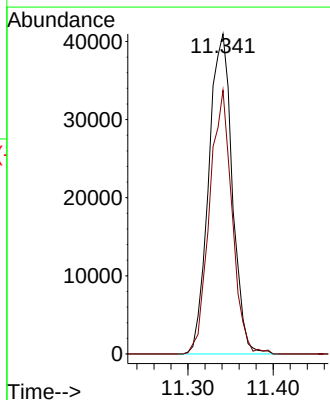
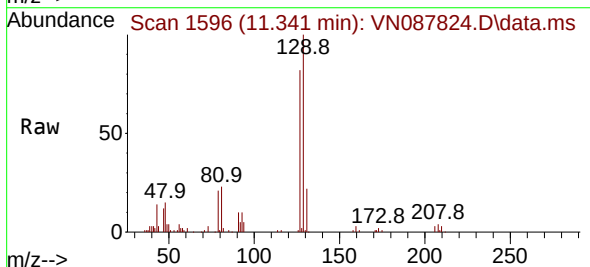
Manual Integrations
APPROVED

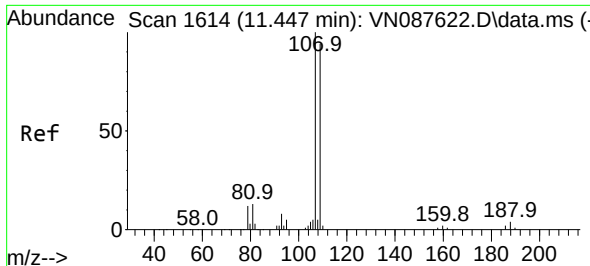
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#60
Dibromochloromethane
Concen: 19.106 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

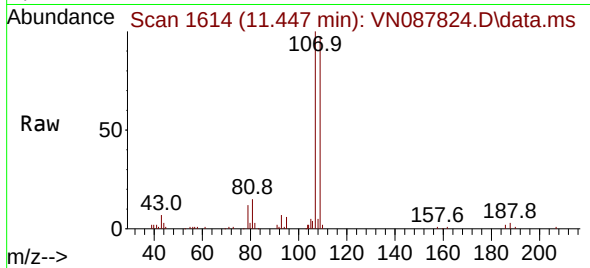
Tgt Ion:129 Resp: 78737
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.3





#61
1,2-Dibromoethane
Concen: 18.678 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

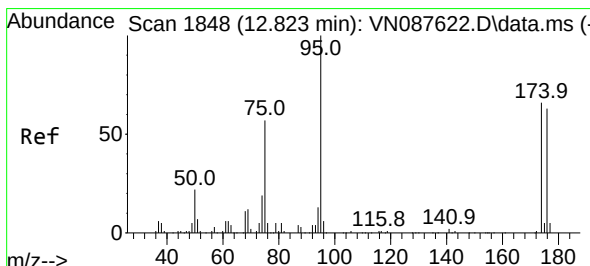
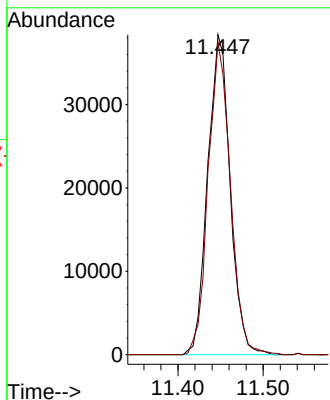
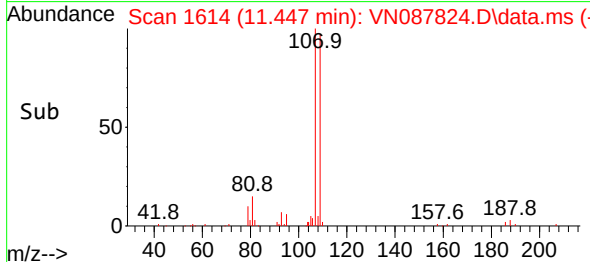
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion:107 Resp: 70048
Ion Ratio Lower Upper
107 100
109 97.0 74.7 112.1

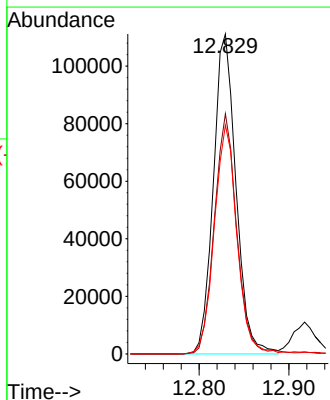
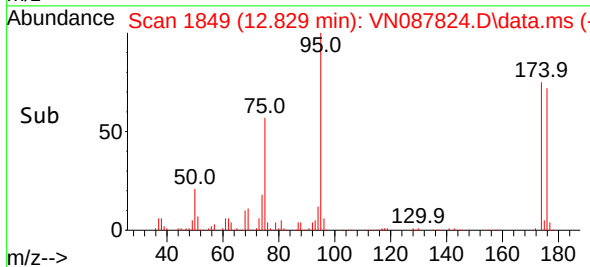
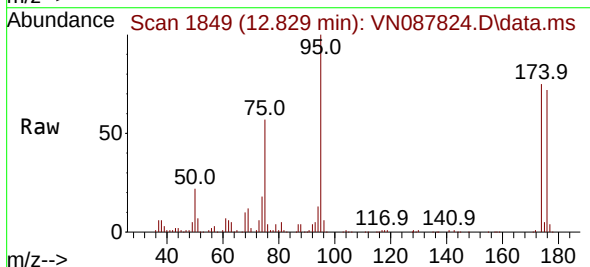
Manual Integrations
APPROVED

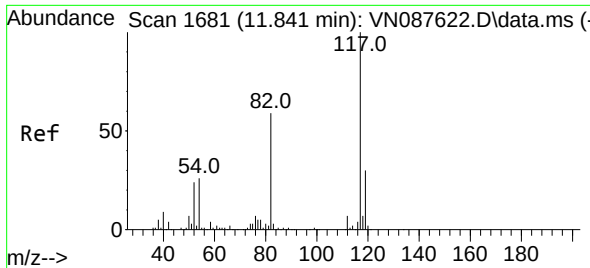
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#62
4-Bromofluorobenzene
Concen: 46.430 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Tgt Ion: 95 Resp: 194787
Ion Ratio Lower Upper
95 100
174 74.3 0.0 138.4
176 71.5 0.0 132.6





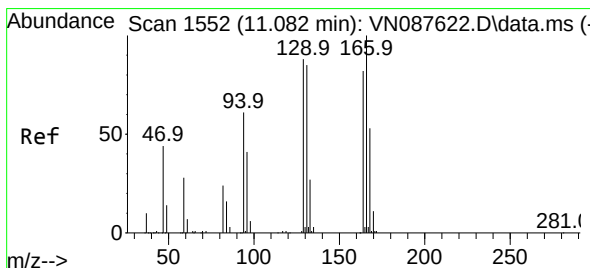
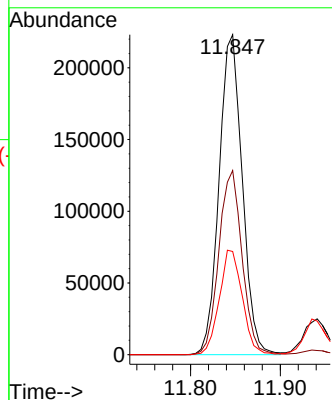
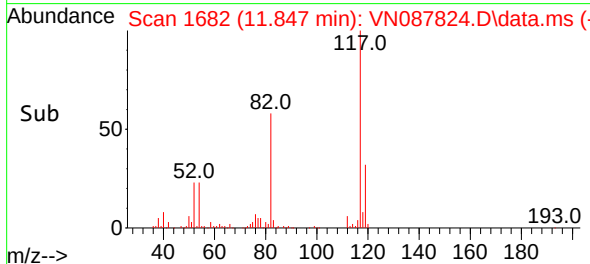
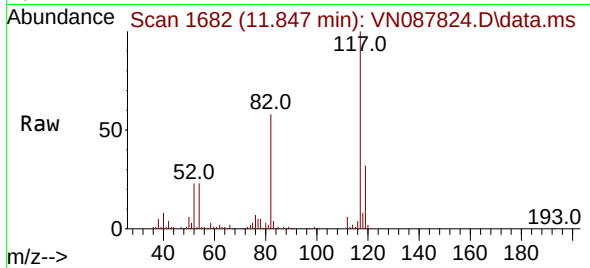
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion:117 Resp: 40033
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 32.3 24.3 36.5

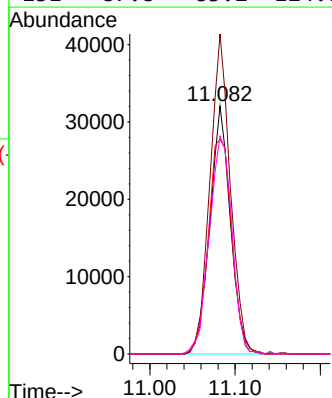
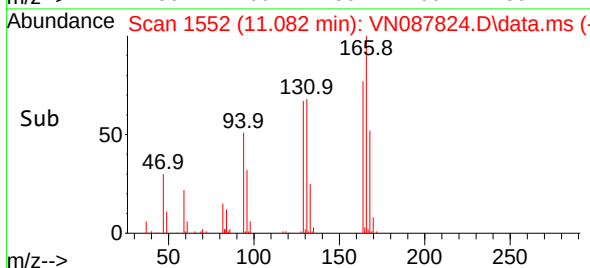
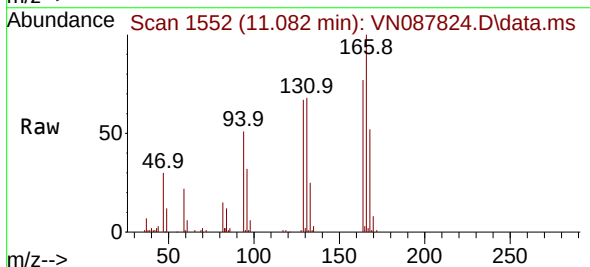
Manual Integrations
APPROVED

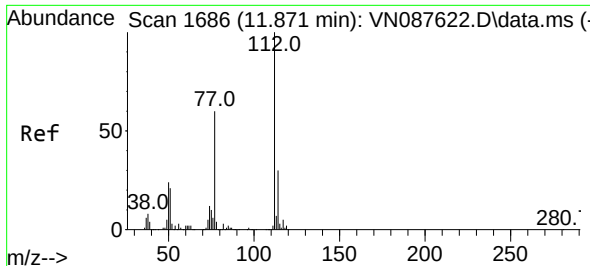
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#64
Tetrachloroethene
Concen: 19.327 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

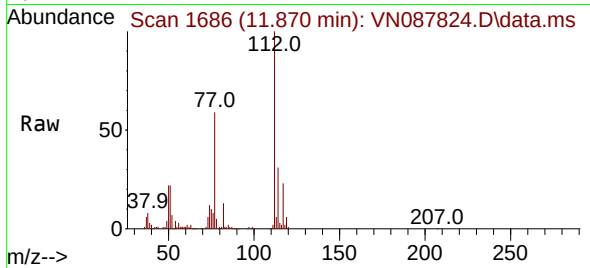
Tgt Ion:164 Resp: 53679
Ion Ratio Lower Upper
164 100
166 129.1 97.7 146.5
129 86.6 85.9 128.9
131 87.8 83.2 124.8





#65
Chlorobenzene
Concen: 18.163 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

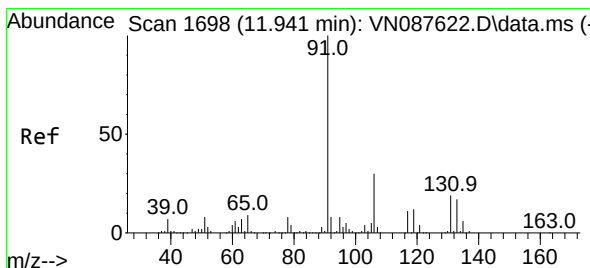
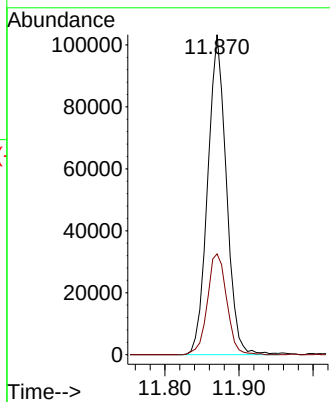
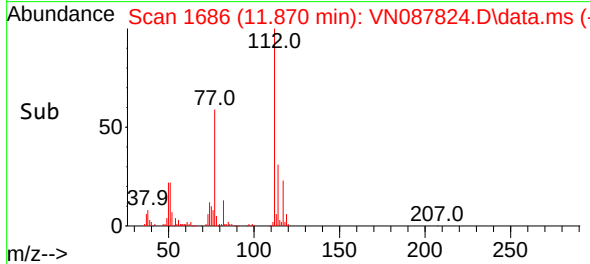
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



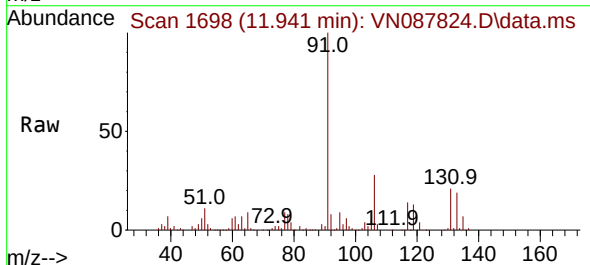
Tgt Ion:112 Resp: 180898
Ion Ratio Lower Upper
112 100
114 31.5 24.3 36.5

Manual Integrations
APPROVED

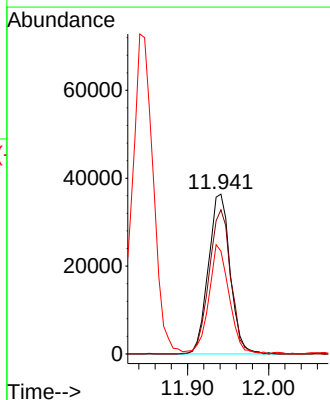
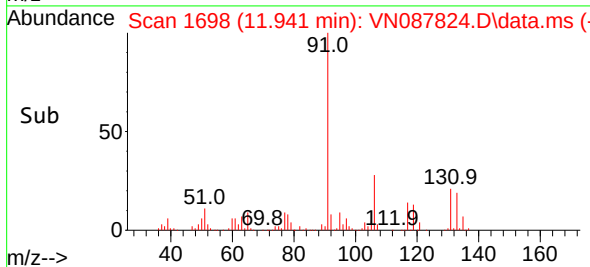
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

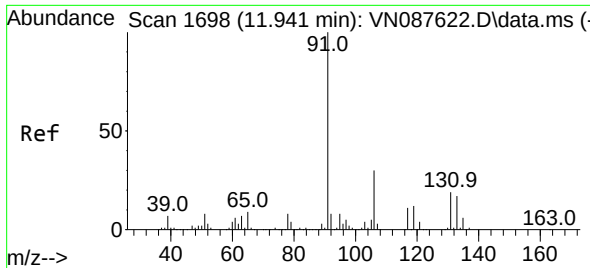


#66
1,1,1,2-Tetrachloroethane
Concen: 20.515 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29



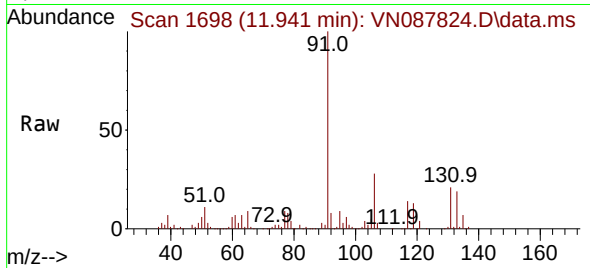
Tgt Ion:131 Resp: 67833
Ion Ratio Lower Upper
131 100
133 90.4 48.0 144.0
119 64.2 32.6 97.7





#67
Ethyl Benzene
Concen: 17.999 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

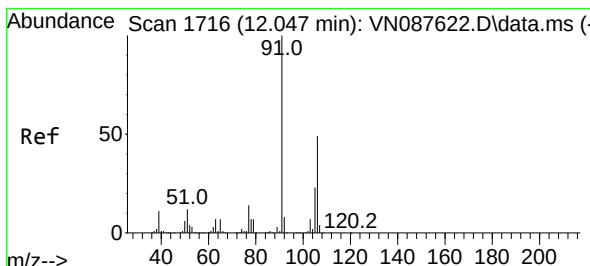
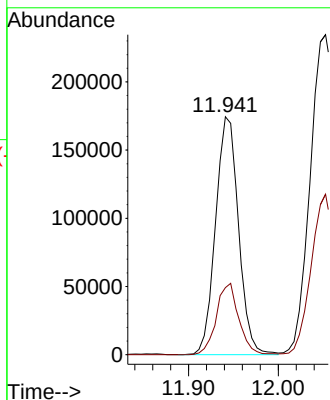
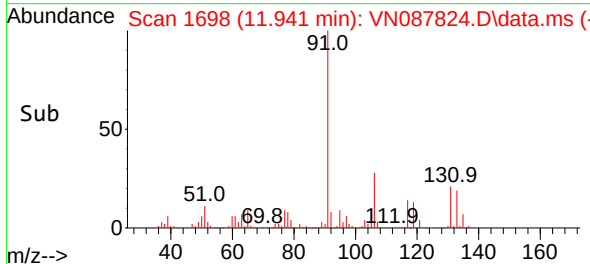
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



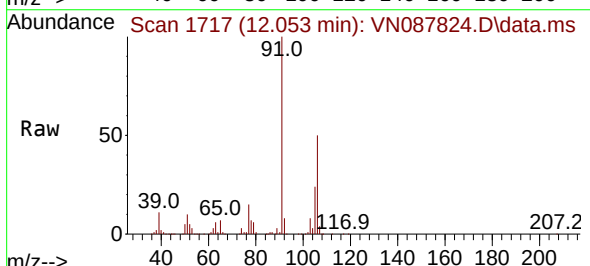
Tgt Ion: 91 Resp: 31038
Ion Ratio Lower Upper
91 100
106 28.2 24.1 36.1

Manual Integrations
APPROVED

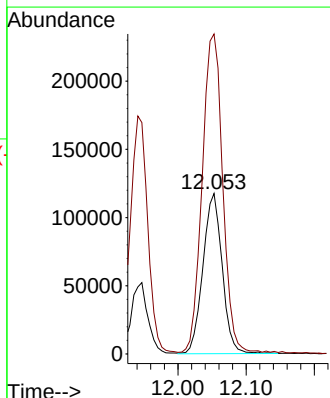
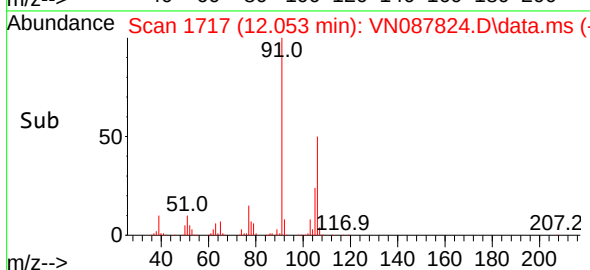
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

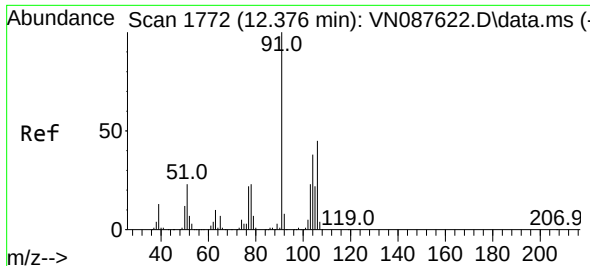


#68
m/p-Xylenes
Concen: 36.485 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29



Tgt Ion:106 Resp: 230739
Ion Ratio Lower Upper
106 100
91 213.2 169.3 253.9





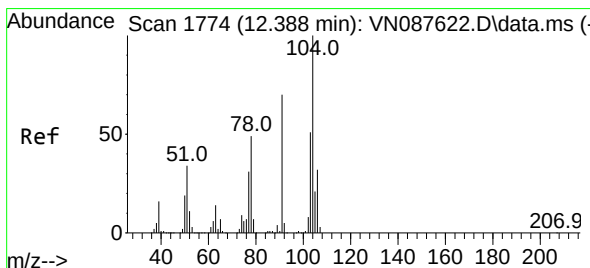
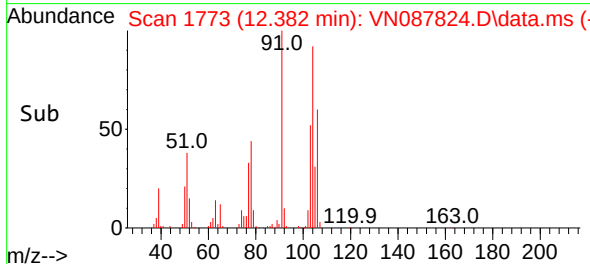
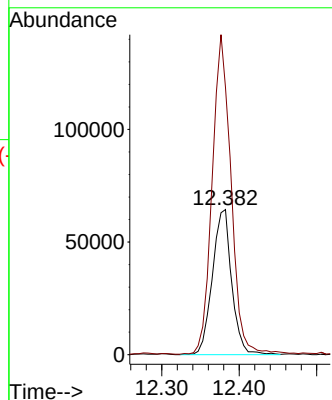
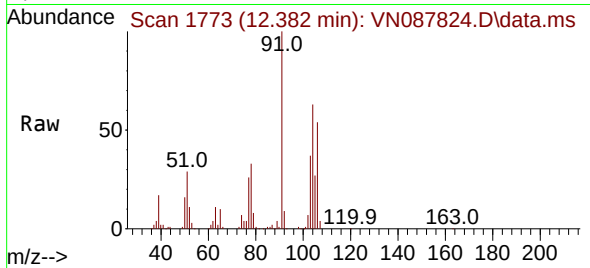
#69
o-Xylene
Concen: 18.036 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion:106 Resp: 11178
Ion Ratio Lower Upper
106 100
91 214.3 111.4 334.2

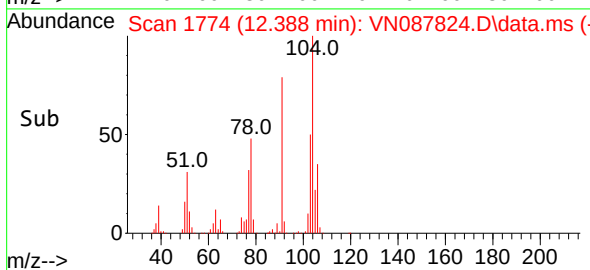
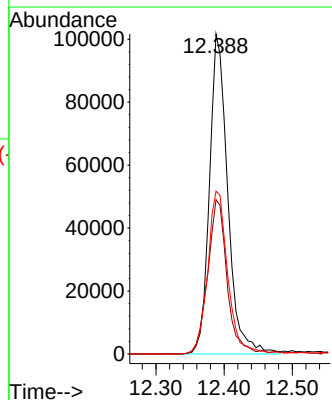
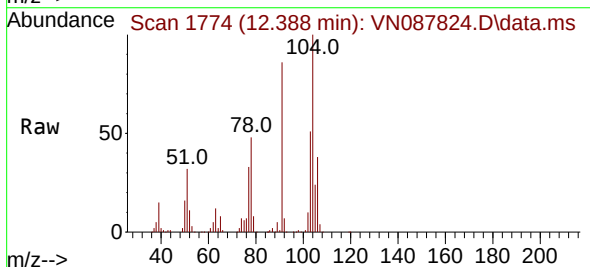
Manual Integrations
APPROVED

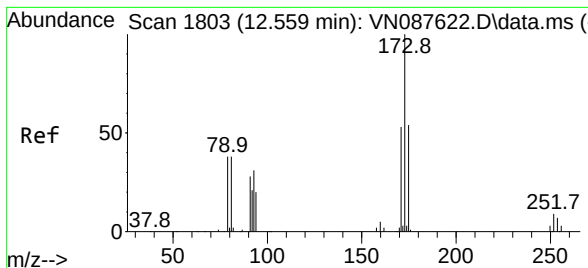
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#70
Styrene
Concen: 18.315 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

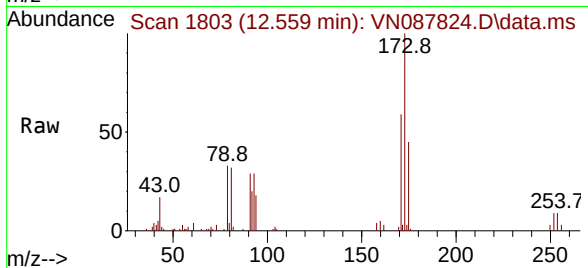
Tgt Ion:104 Resp: 190167
Ion Ratio Lower Upper
104 100
78 51.1 42.2 63.2
103 55.9 43.4 65.2





#71
Bromoform
Concen: 19.538 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

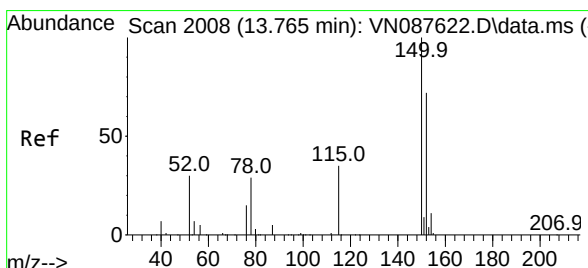
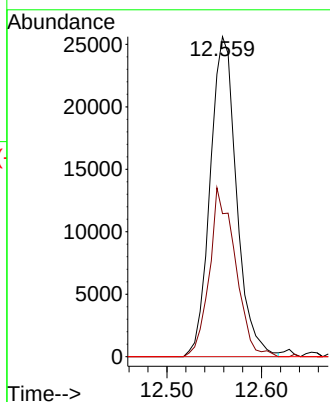
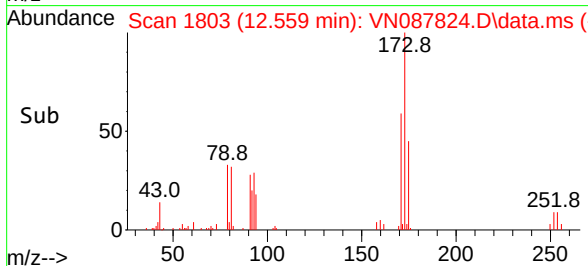
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



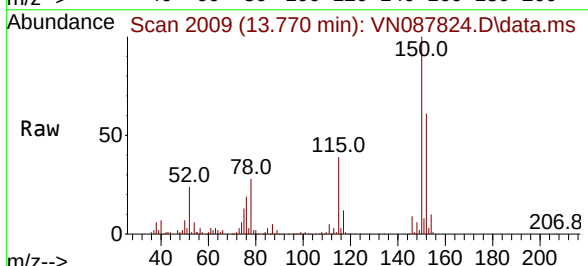
Tgt Ion:173 Resp: 49540
Ion Ratio Lower Upper
173 100
175 51.8 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

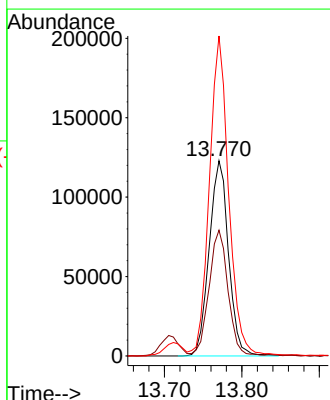
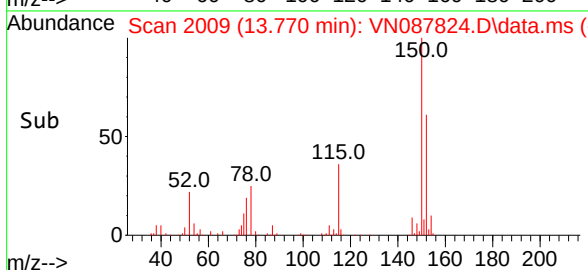
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

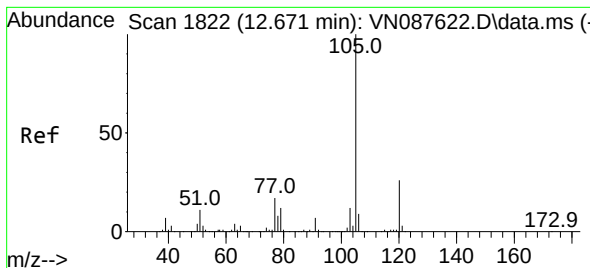


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29



Tgt Ion:152 Resp: 213781
Ion Ratio Lower Upper
152 100
115 62.1 32.3 96.8
150 162.4 0.0 351.0





#73

Isopropylbenzene

Concen: 16.764 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

Tgt Ion:105 Resp: 28959

Ion Ratio Lower Upper

105 100

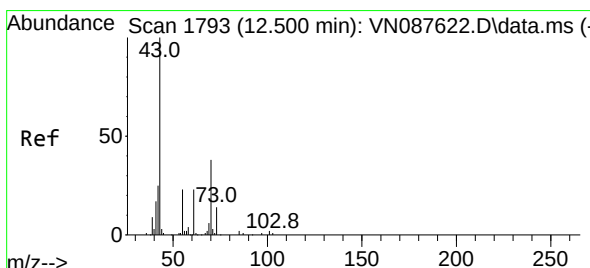
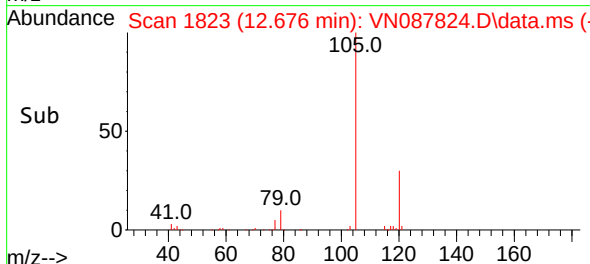
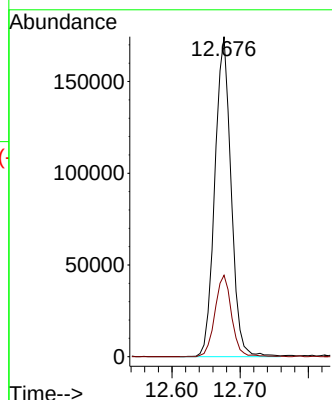
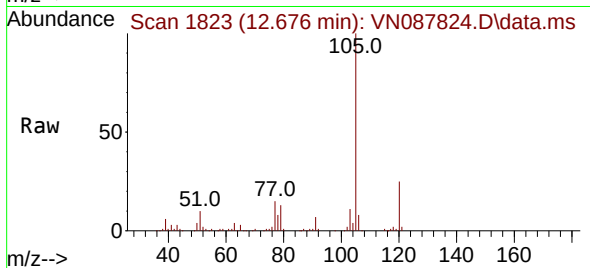
120 26.1 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#74

N-ethyl acetate

Concen: 18.351 ug/l m

RT: 12.553 min Scan# 1802

Delta R.T. 0.053 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Tgt Ion: 43 Resp: 120140

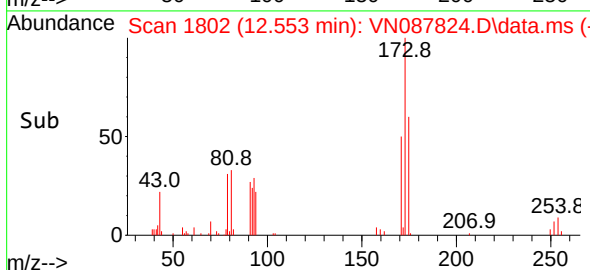
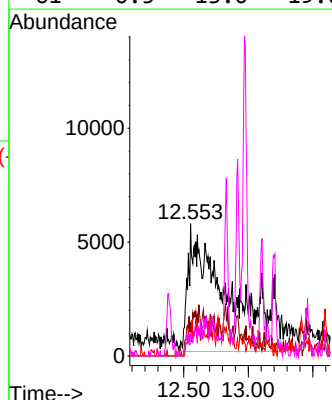
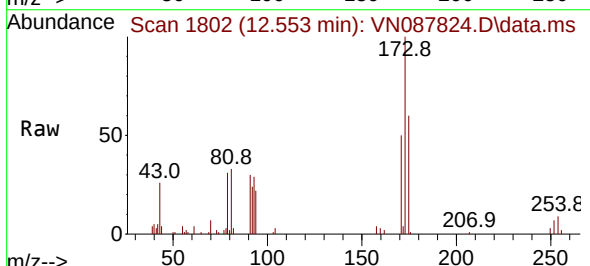
Ion Ratio Lower Upper

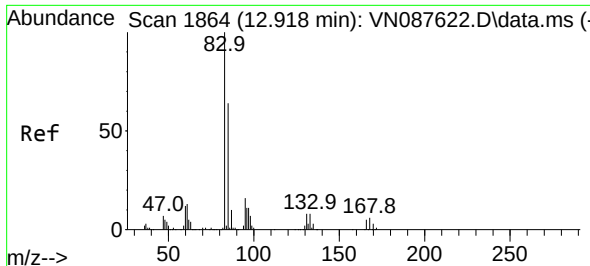
43 100

70 0.0 27.6 41.4#

55 0.7 13.0 19.6#

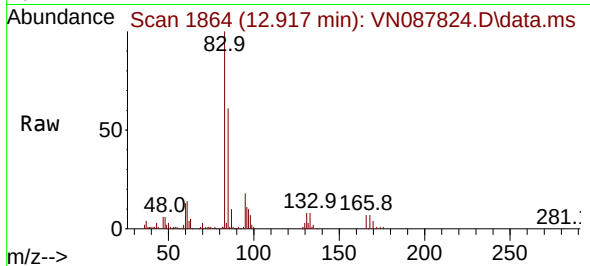
61 0.5 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 17.745 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

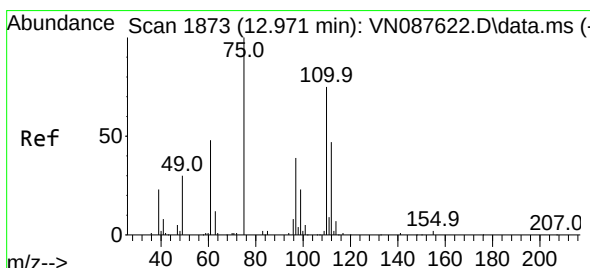
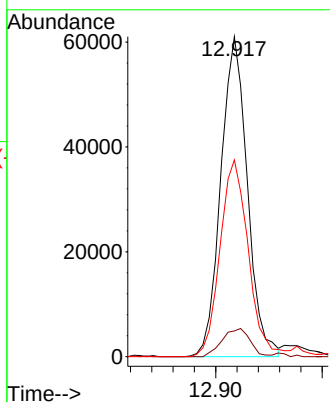
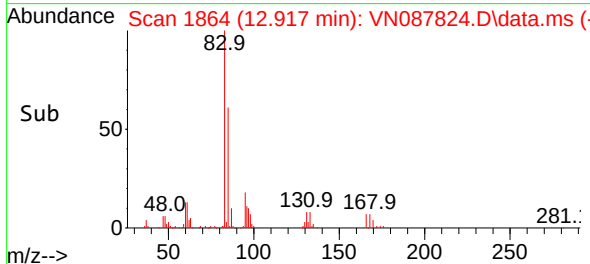
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



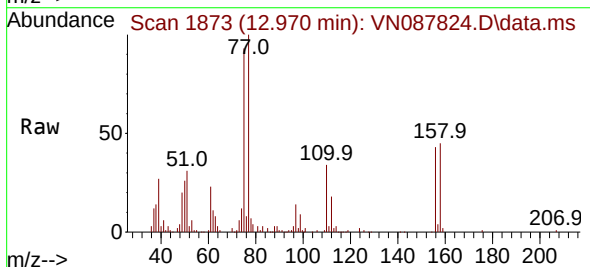
Tgt Ion: 83 Resp: 10553
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 65.3 32.1 96.3

Manual Integrations
APPROVED

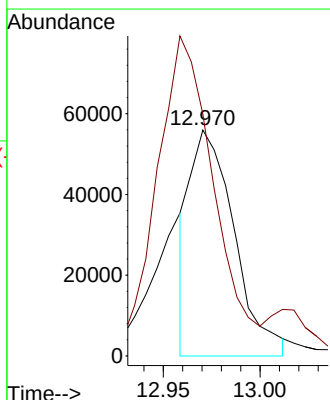
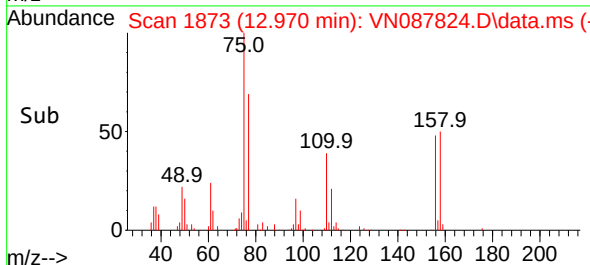
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

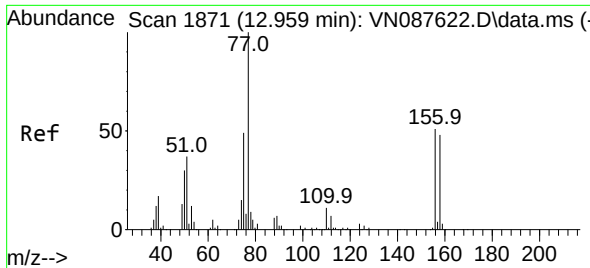


#76
1,2,3-Trichloropropane
Concen: 17.763 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29



Tgt Ion: 75 Resp: 89053
Ion Ratio Lower Upper
75 100
77 183.0 89.1 267.4





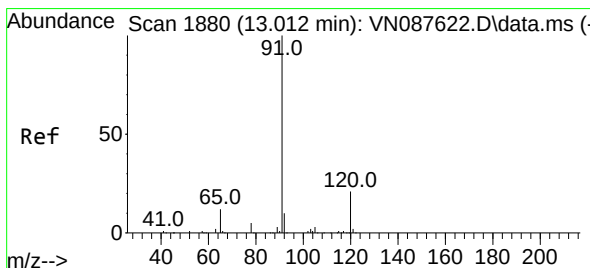
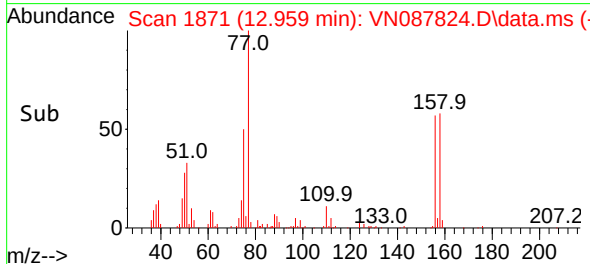
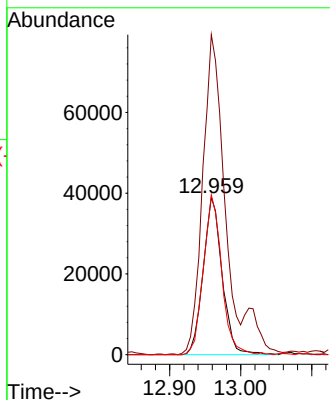
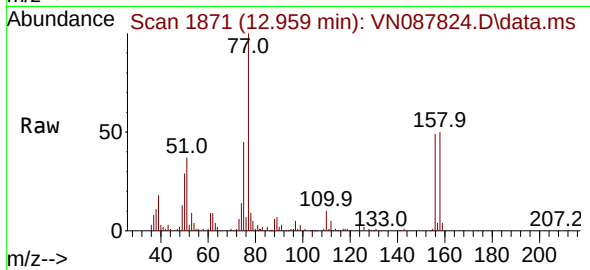
#77
Bromobenzene
Concen: 17.753 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion:156 Resp: 72309
Ion Ratio Lower Upper
156 100
77 225.4 119.3 358.0
158 98.3 48.2 144.6

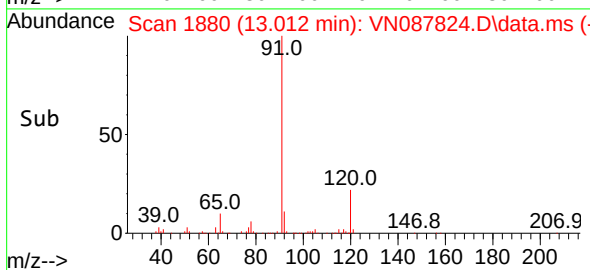
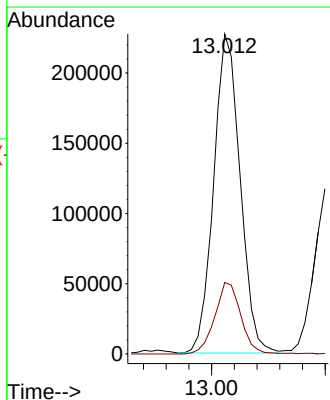
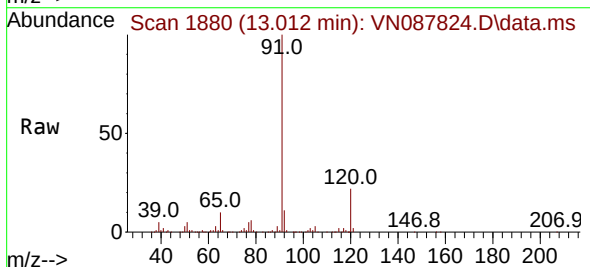
Manual Integrations
APPROVED

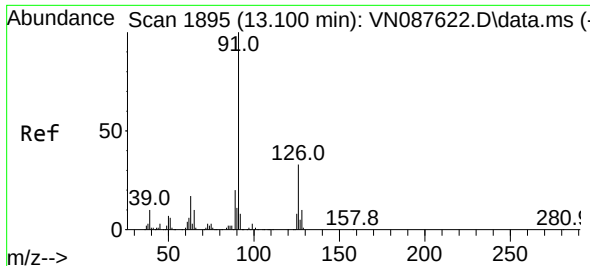
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#78
n-propylbenzene
Concen: 17.251 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

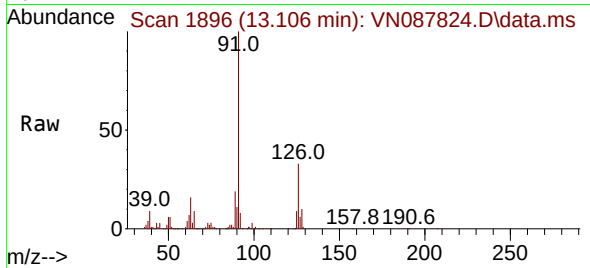
Tgt Ion: 91 Resp: 367078
Ion Ratio Lower Upper
91 100
120 22.1 10.7 32.1





#79
2-Chlorotoluene
Concen: 17.059 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

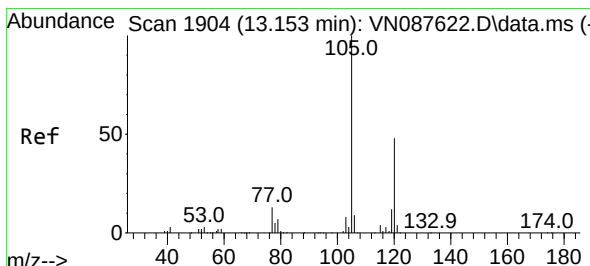
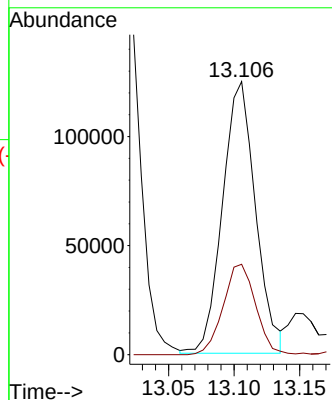
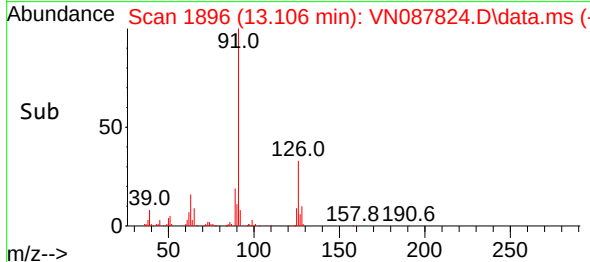
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



Tgt Ion: 91 Resp: 21844
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3

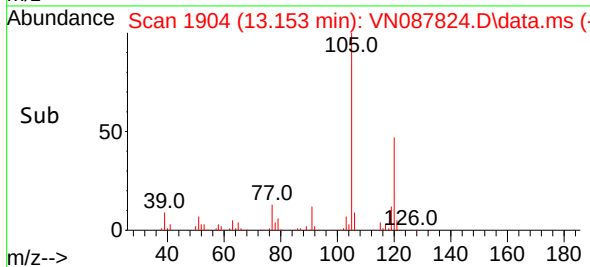
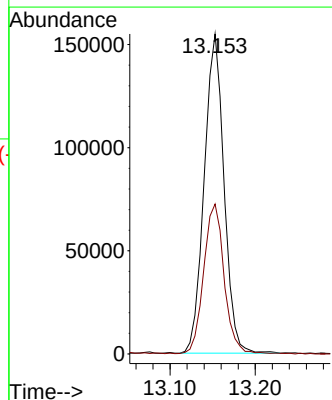
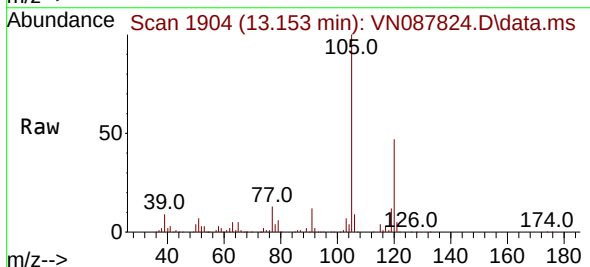
Manual Integrations
APPROVED

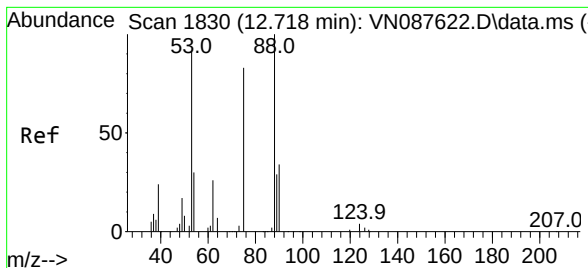
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.046 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

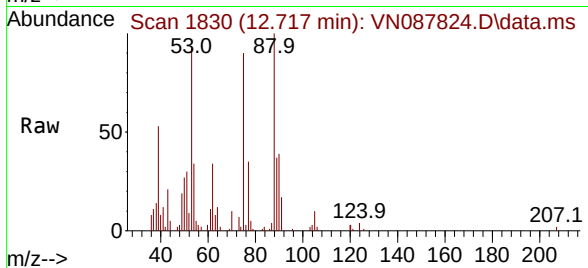
Tgt Ion:105 Resp: 249808
Ion Ratio Lower Upper
105 100
120 48.9 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 15.829 ug/l m
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

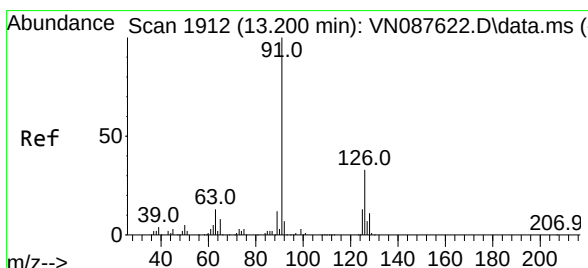
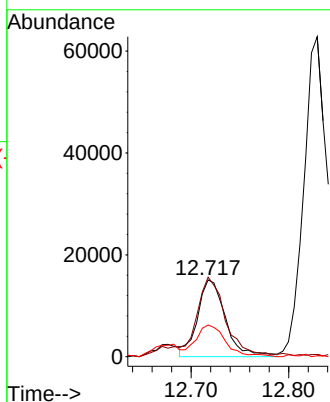
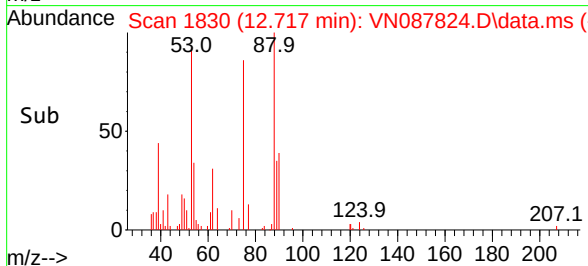
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



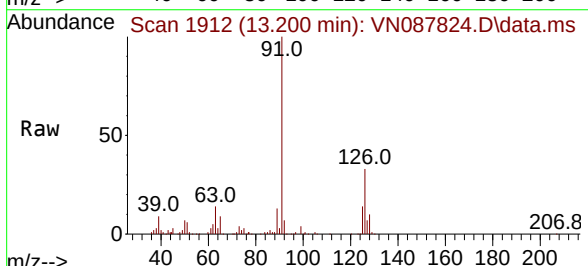
Tgt Ion: 75 Resp: 29974
Ion Ratio Lower Upper
75 100
53 117.7 101.8 152.6
89 42.8 35.6 53.4

Manual Integrations
APPROVED

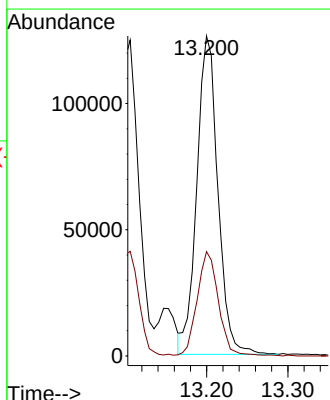
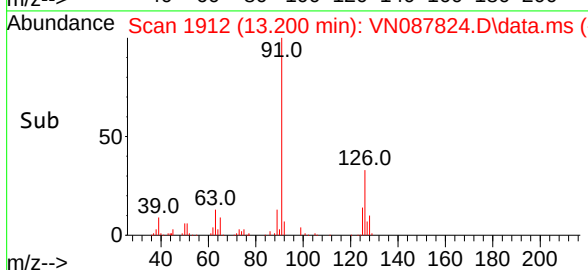
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

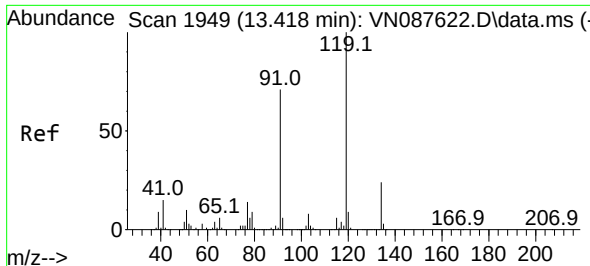


#82
4-Chlorotoluene
Concen: 16.924 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29



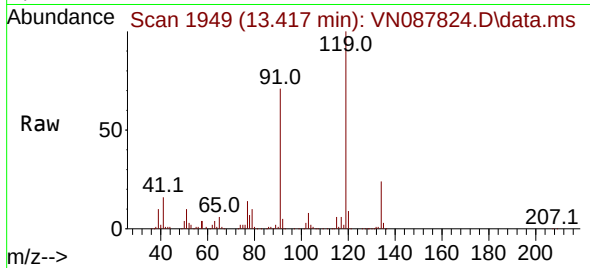
Tgt Ion: 91 Resp: 227849
Ion Ratio Lower Upper
91 100
126 33.2 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 17.501 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

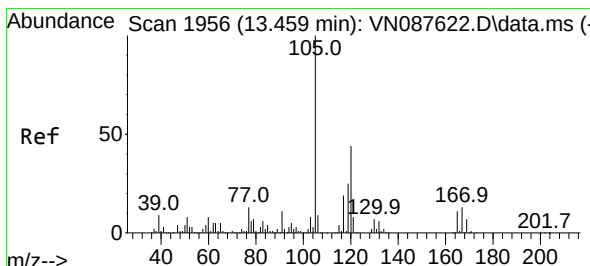
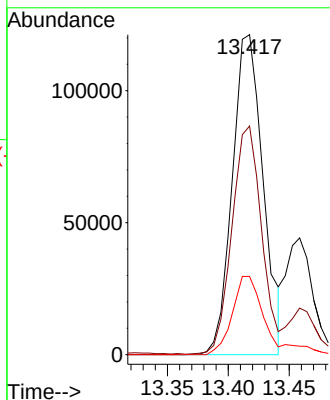
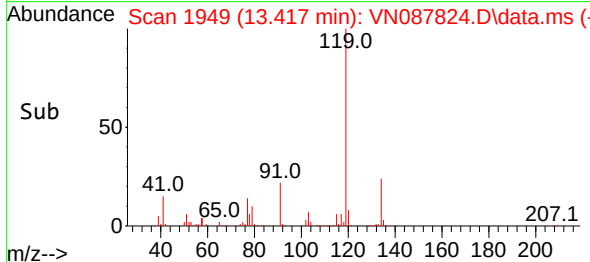
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01



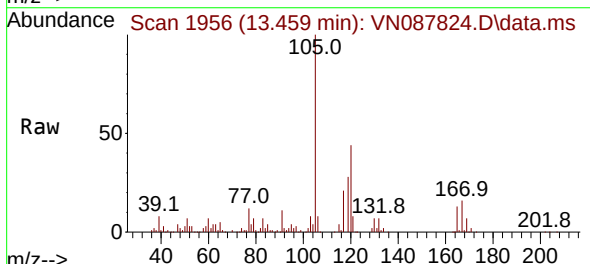
Tgt Ion:119 Resp: 21372
 Ion Ratio Lower Upper
 119 100
 91 68.2 35.0 105.0
 134 26.3 12.6 37.8

Manual Integrations
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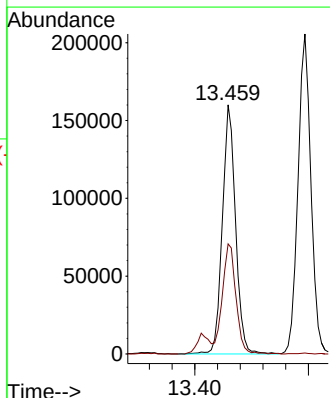
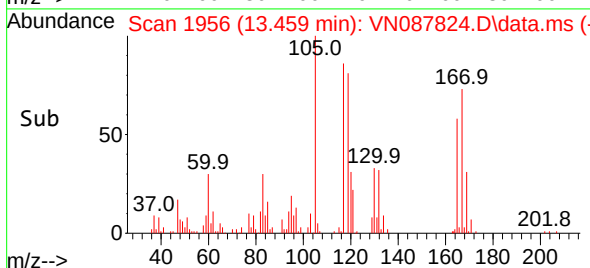
Reviewed By :John Carlone 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

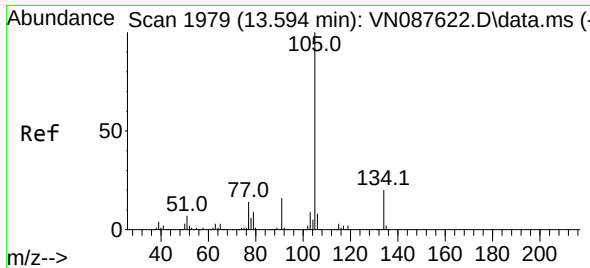


#84
 1,2,4-Trimethylbenzene
 Concen: 17.686 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29



Tgt Ion:105 Resp: 259452
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.0 66.0





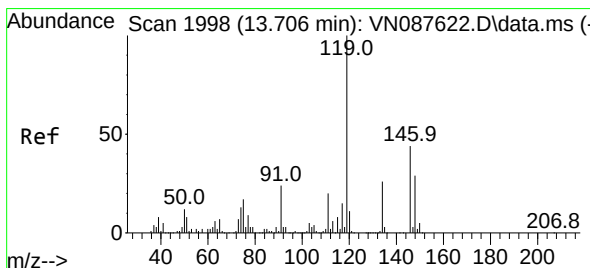
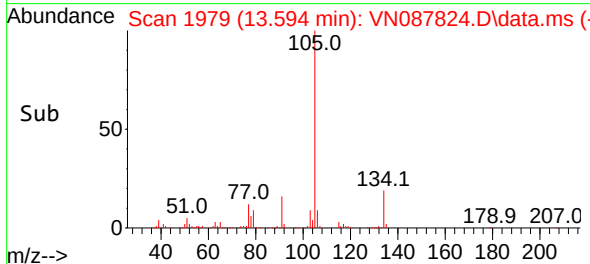
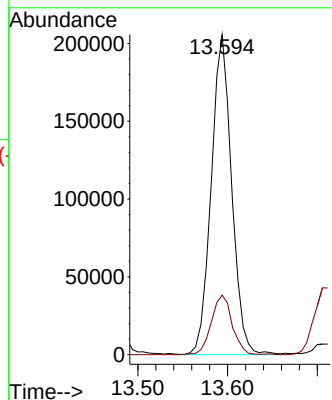
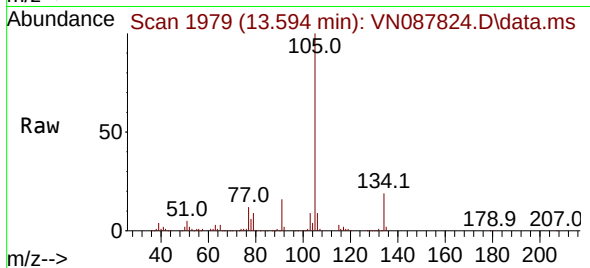
#85
 sec-Butylbenzene
 Concen: 17.947 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Tgt Ion:105 Resp: 325238
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.6 28.6

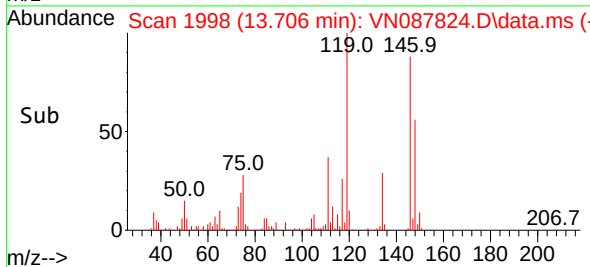
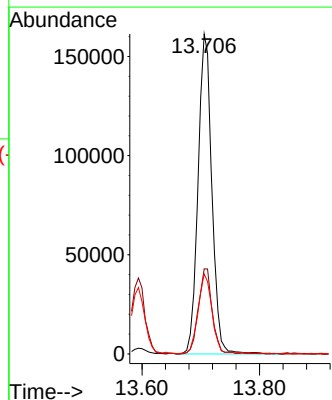
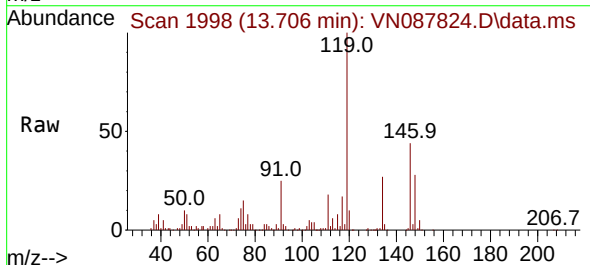
Manual Integrations
 APPROVED

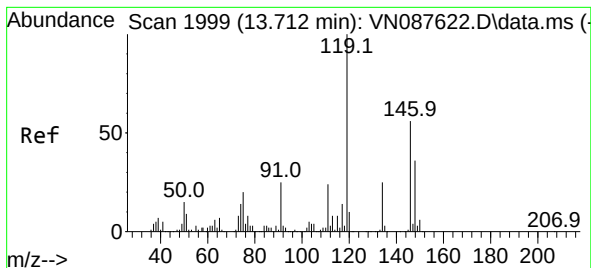
Reviewed By :John Carlone 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#86
 p-Isopropyltoluene
 Concen: 17.564 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

Tgt Ion:119 Resp: 262843
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.7 38.0
 91 24.5 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 17.569 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

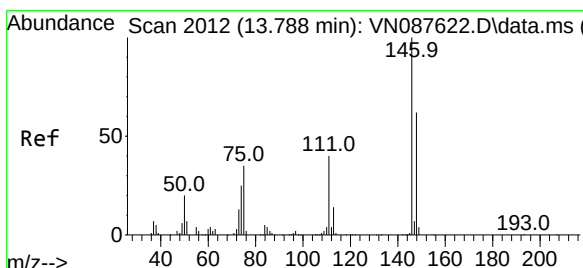
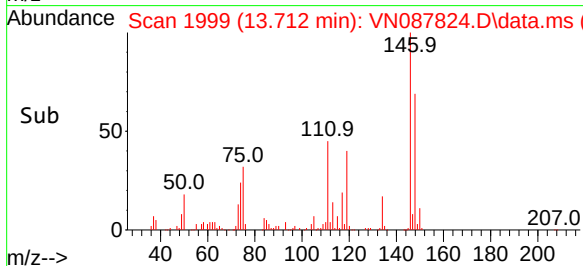
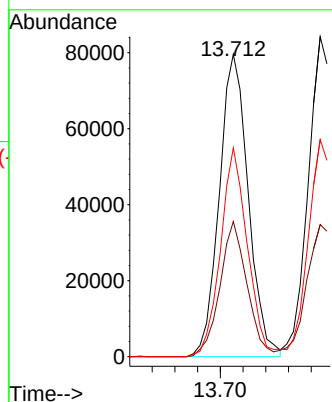
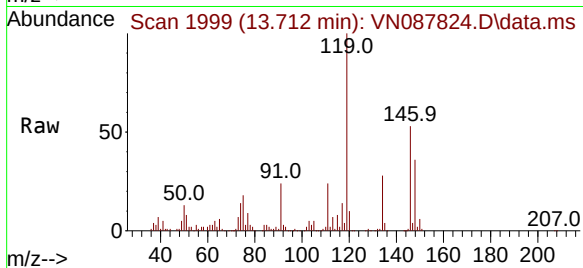
Tgt Ion:	146	Resp:	140920
Ion Ratio	Lower	Upper	
146	100		
111	41.8	22.1	66.5
148	63.8	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#88

1,4-Dichlorobenzene

Concen: 17.504 ug/l

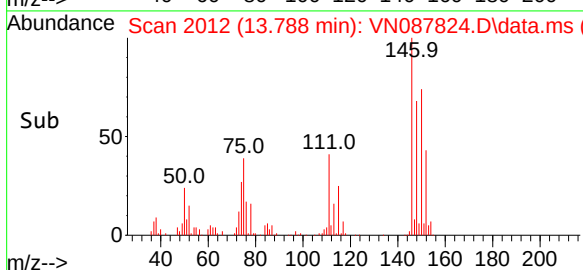
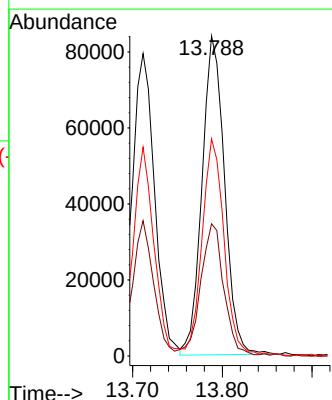
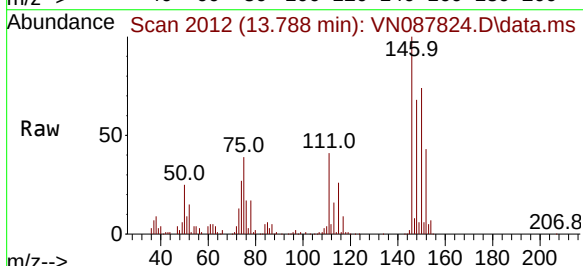
RT: 13.788 min Scan# 2012

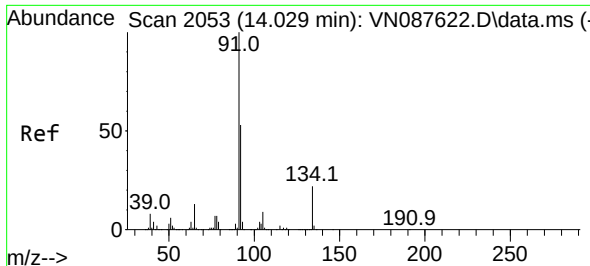
Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Tgt Ion:	146	Resp:	146108
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.0	63.0
148	67.8	32.0	96.0





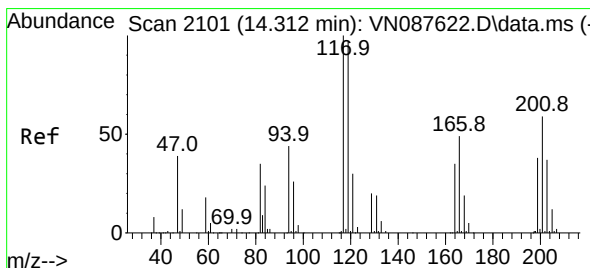
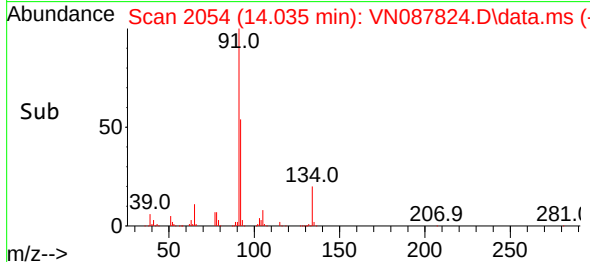
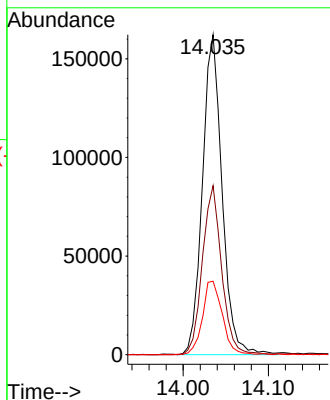
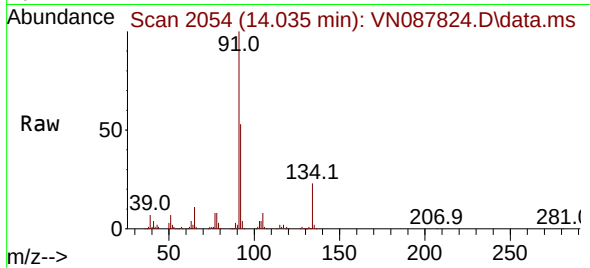
#89
n-Butylbenzene
Concen: 17.497 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01

Tgt Ion: 91 Resp: 260040
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 23.3 11.7 35.0

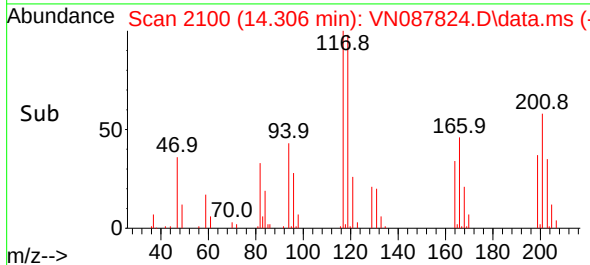
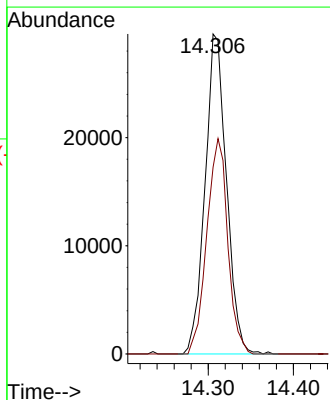
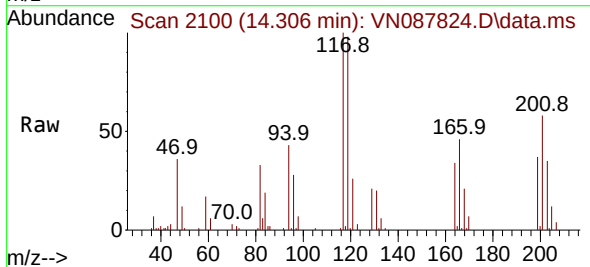
Manual Integrations
APPROVED

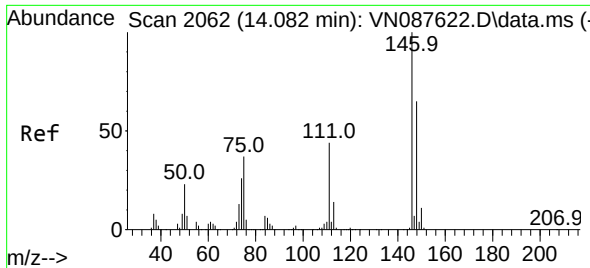
Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#90
Hexachloroethane
Concen: 18.131 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

Tgt Ion:117 Resp: 51692
Ion Ratio Lower Upper
117 100
201 65.7 29.1 87.4





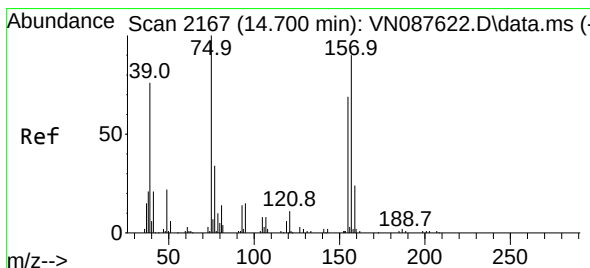
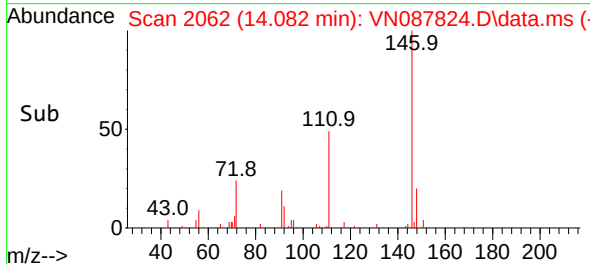
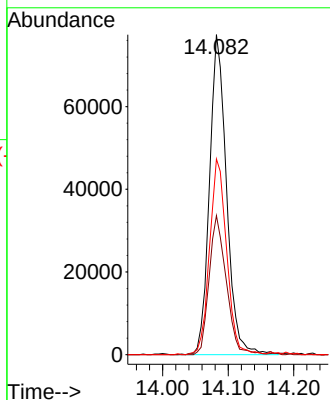
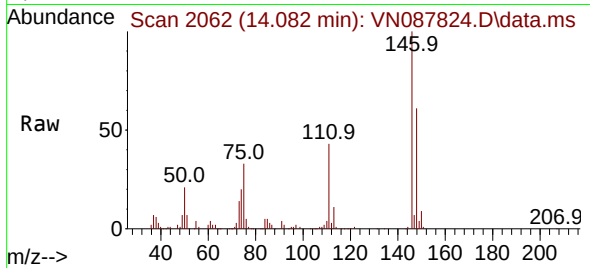
#91
 1,2-Dichlorobenzene
 Concen: 18.359 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0915WBSD01

Tgt Ion:146 Resp: 139704
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.6 67.8
 148 61.4 31.9 95.9

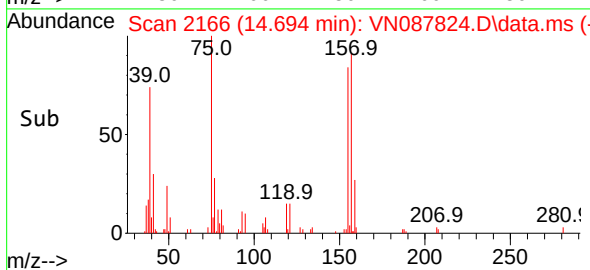
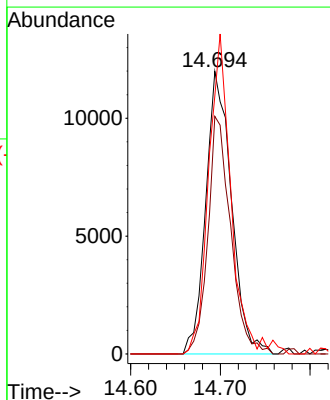
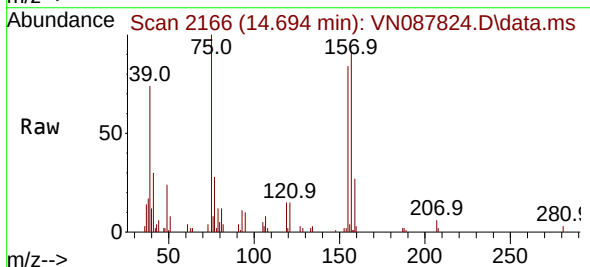
Manual Integrations
 APPROVED

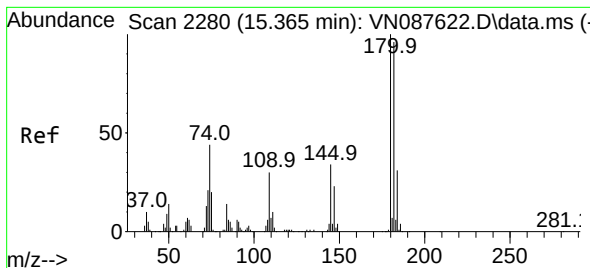
Reviewed By :John Carbone 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.903 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN087824.D
 Acq: 15 Sep 2025 10:29

Tgt Ion: 75 Resp: 23882
 Ion Ratio Lower Upper
 75 100
 155 74.5 36.6 109.9
 157 96.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 17.003 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

Instrument :

MSVOA_N

ClientSampleId :

VN0915WBSD01

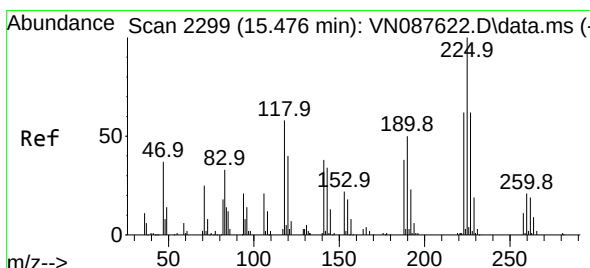
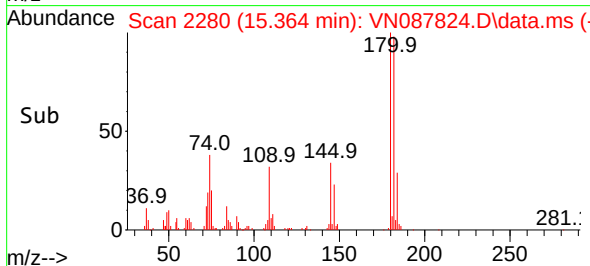
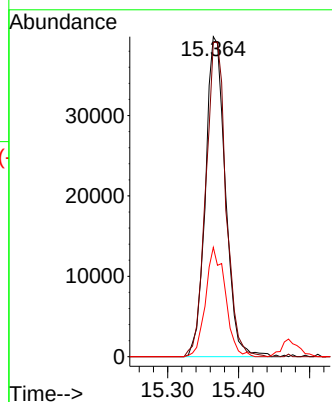
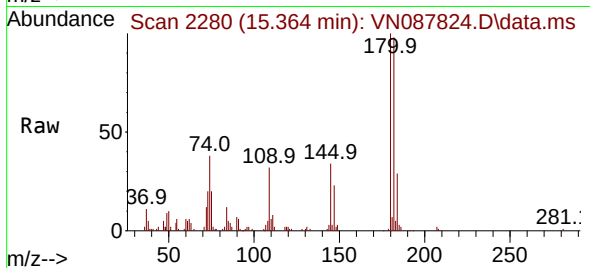
Tgt Ion:180	Resp:	77690
Ion Ratio	Lower	Upper
180	100	
182	99.5	47.6 142.9
145	33.8	16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2025

Supervised By :Semsettin Yesilyurt 09/16/2025



#94

Hexachlorobutadiene

Concen: 21.286 ug/l

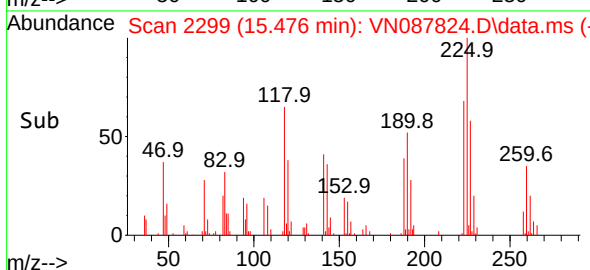
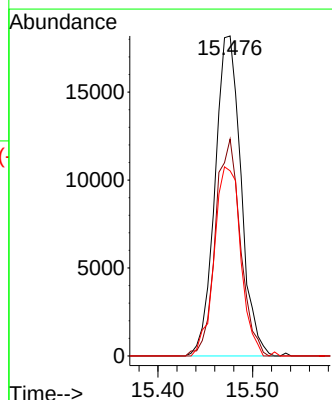
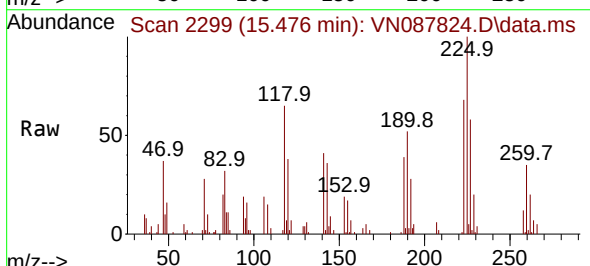
RT: 15.476 min Scan# 2299

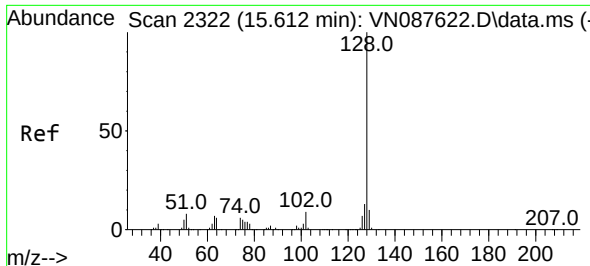
Delta R.T. -0.000 min

Lab File: VN087824.D

Acq: 15 Sep 2025 10:29

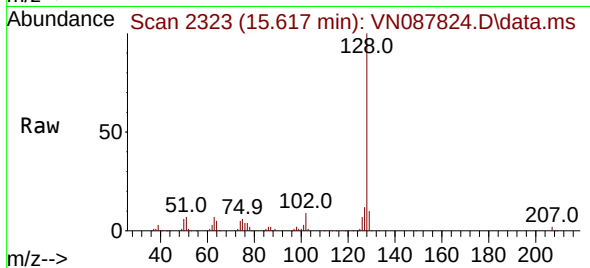
Tgt Ion:225	Resp:	34676
Ion Ratio	Lower	Upper
225	100	
223	65.3	32.0 96.2
227	60.2	32.1 96.5





#95
Naphthalene
Concen: 16.748 ug/l
RT: 15.617 min Scan# 2107
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29

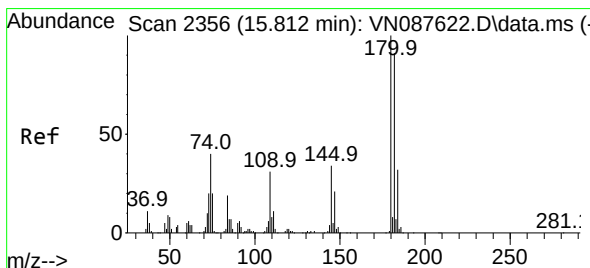
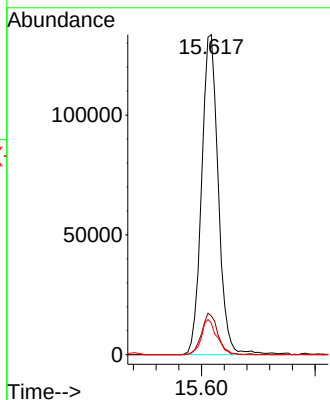
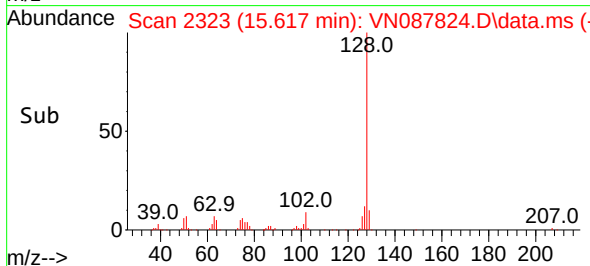
Instrument :
MSVOA_N
ClientSampleId :
VN0915WBSD01



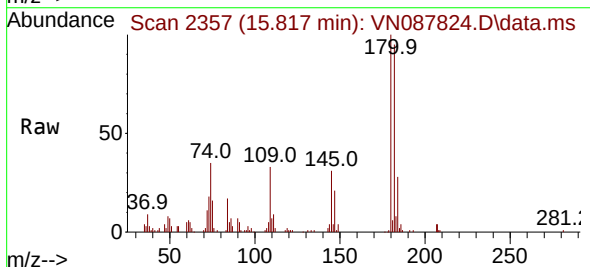
Tgt Ion:128 Resp: 271079
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.652 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087824.D
Acq: 15 Sep 2025 10:29



Tgt Ion:180 Resp: 78857
Ion Ratio Lower Upper
180 100
182 95.8 46.8 140.3
145 34.9 17.3 52.0

