

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087632.D
 Acq On : 22 Aug 2025 11:55
 Operator : JC\MD
 Sample : VN0822WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:17:34 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	250170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	471220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	424434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	212929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	225245	43.944	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.880%
35) Dibromofluoromethane	8.153	113	157447	46.278	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	10.547	98	580898	45.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.240%
62) 4-Bromofluorobenzene	12.829	95	209206	46.197	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	71686	20.176	ug/l	98
3) Chloromethane	2.383	50	68848	18.855	ug/l	94
4) Vinyl Chloride	2.536	62	76952	18.176	ug/l	99
5) Bromomethane	2.977	94	41717	19.097	ug/l	94
6) Chloroethane	3.136	64	49737	16.715	ug/l	90
7) Trichlorofluoromethane	3.512	101	109872	17.713	ug/l	97
8) Diethyl Ether	3.965	74	44347	16.416	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	59291	16.893	ug/l	97
10) Methyl Iodide	4.577	142	34942	18.317	ug/l	96
11) Tert butyl alcohol	5.518	59	75176	84.483	ug/l	98
12) 1,1-Dichloroethene	4.336	96	60705	16.831	ug/l	93
13) Acrolein	4.177	56	100775	92.121	ug/l	100
14) Allyl chloride	5.012	41	98055	15.002	ug/l	95
15) Acrylonitrile	5.712	53	201734	80.386	ug/l	98
16) Acetone	4.424	43	195405	70.031	ug/l	100
17) Carbon Disulfide	4.700	76	169525	17.073	ug/l	95
18) Methyl Acetate	5.018	43	96372	16.496	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	220555	16.300	ug/l	97
20) Methylene Chloride	5.265	84	66059	15.512	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	60312	15.429	ug/l	90
22) Diisopropyl ether	6.659	45	225356	15.977	ug/l	99
23) Vinyl Acetate	6.589	43	1045566	81.478	ug/l	99
24) 1,1-Dichloroethane	6.553	63	123623	15.985	ug/l	98
25) 2-Butanone	7.471	43	288898	78.699	ug/l	95
26) 2,2-Dichloropropane	7.477	77	107569	16.206	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	76841	16.443	ug/l	98
28) Bromochloromethane	7.794	49	68253	18.256	ug/l	98
29) Tetrahydrofuran	7.830	42	185646	78.582	ug/l	99
30) Chloroform	7.947	83	128879	16.327	ug/l	98
31) Cyclohexane	8.241	56	109402	16.969	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	111893	16.726	ug/l	96
36) 1,1-Dichloropropene	8.353	75	88107	16.881	ug/l	98
37) Ethyl Acetate	7.547	43	113204	15.872	ug/l	98
38) Carbon Tetrachloride	8.341	117	90972	17.653	ug/l	96
39) Methylcyclohexane	9.582	83	103760	18.057	ug/l	95
40) Benzene	8.582	78	267731	16.724	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	60465	16.366	ug/l	97
42) 1,2-Dichloroethane	8.653	62	109454	17.792	ug/l	99
43) Isopropyl Acetate	8.677	43	188428	16.922	ug/l	98
44) Trichloroethene	9.335	130	60383	16.521	ug/l	96
45) 1,2-Dichloropropane	9.606	63	67574	16.014	ug/l	98
46) Dibromomethane	9.688	93	50458	16.804	ug/l	98
47) Bromodichloromethane	9.871	83	102881	16.717	ug/l	94
48) Methyl methacrylate	9.665	41	87134	16.543	ug/l	97
49) 1,4-Dioxane	9.682	88	26619	389.920	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	574459	85.506	ug/l	100
52) Toluene	10.612	92	166125	16.739	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	104990	16.482	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	110884	16.764	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	65972	17.184	ug/l	95
56) Ethyl methacrylate	10.859	69	102793	16.754	ug/l	96
57) 1,3-Dichloropropane	11.141	76	110788	16.305	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	284226	85.587	ug/l	99
59) 2-Hexanone	11.182	43	369530	87.030	ug/l	100
60) Dibromochloromethane	11.341	129	71563	16.087	ug/l	100
61) 1,2-Dibromoethane	11.447	107	67301	16.625	ug/l	99
64) Tetrachloroethene	11.082	164	48154	16.353	ug/l	98
65) Chlorobenzene	11.871	112	176830	16.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	59170	16.879	ug/l	97
67) Ethyl Benzene	11.941	91	312969	17.118	ug/l	99
68) m/p-Xylenes	12.053	106	241629	36.037	ug/l	95
69) o-Xylene	12.376	106	113342	17.249	ug/l	97
70) Styrene	12.388	104	190135	17.272	ug/l	98
71) Bromoform	12.559	173	45850	17.054	ug/l #	97
73) Isopropylbenzene	12.670	105	294288	17.104	ug/l	99
74) N-amyl acetate	12.582	43	110619m	16.965	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	100662	16.993	ug/l	96
76) 1,2,3-Trichloropropane	12.970	75	99988m	20.024	ug/l	
77) Bromobenzene	12.959	156	66516	16.396	ug/l	98
78) n-propylbenzene	13.012	91	369811	17.449	ug/l	99
79) 2-Chlorotoluene	13.106	91	217014	17.015	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	250341	17.151	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	28401	15.058	ug/l	97
82) 4-Chlorotoluene	13.200	91	226186	16.868	ug/l	98
83) tert-Butylbenzene	13.417	119	210396	17.298	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	255928	17.515	ug/l	98
85) sec-Butylbenzene	13.594	105	317980	17.616	ug/l	99
86) p-Isopropyltoluene	13.706	119	259536	17.413	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	133031	16.651	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	137233	16.506	ug/l	99
89) n-Butylbenzene	14.035	91	258044	17.432	ug/l	99
90) Hexachloroethane	14.312	117	48070	16.928	ug/l	98
91) 1,2-Dichlorobenzene	14.088	146	126600	16.703	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23542	16.729	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	77292	16.982	ug/l	96
94) Hexachlorobutadiene	15.476	225	30047	18.518	ug/l	100
95) Naphthalene	15.617	128	263192	16.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	71115	15.983	ug/l	95

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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

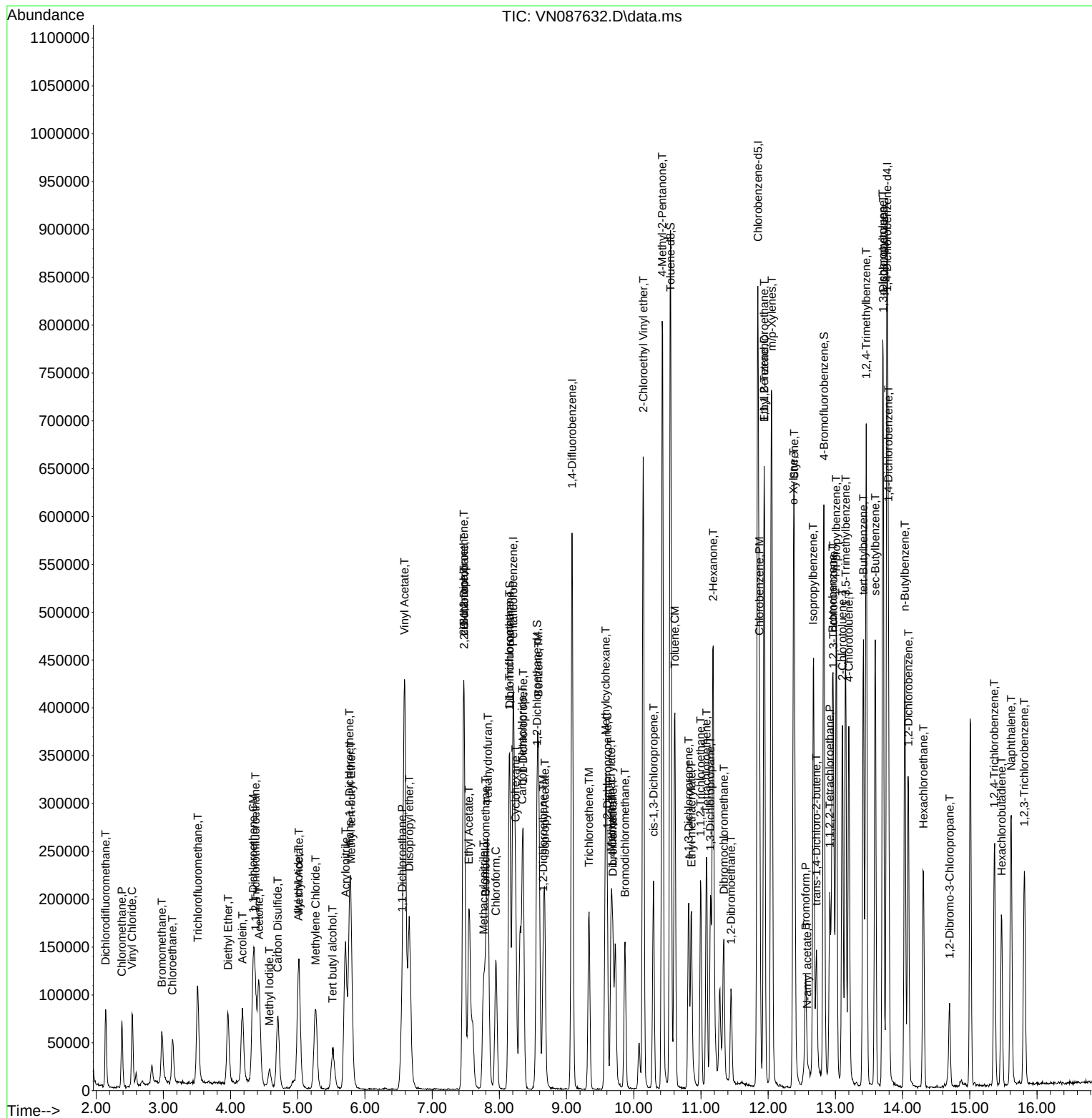
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
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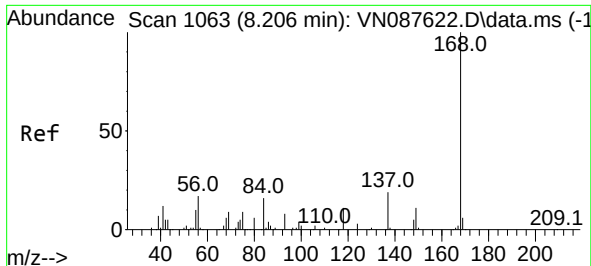
Instrument :
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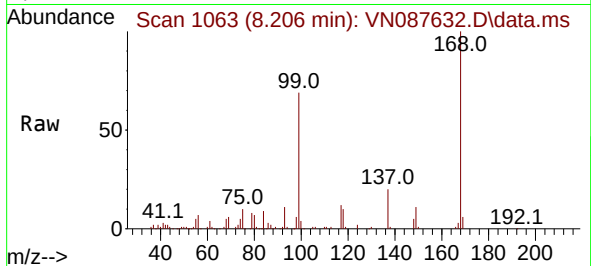
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087632.D
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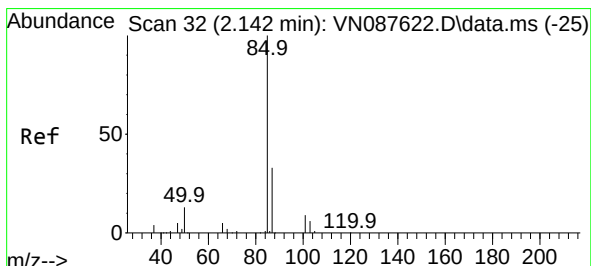
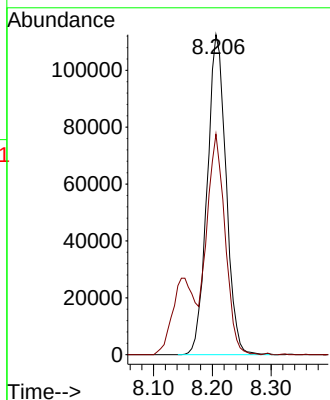
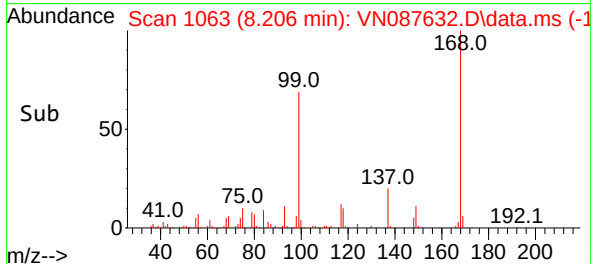
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 250170
Ion Ratio Lower Upper
168 100
99 68.9 57.2 85.8

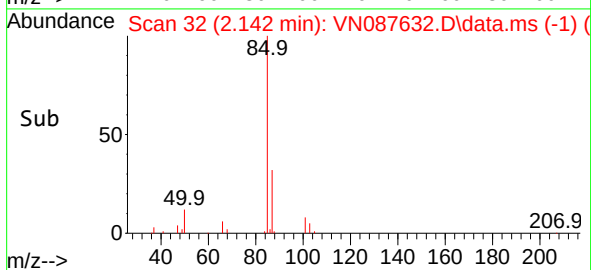
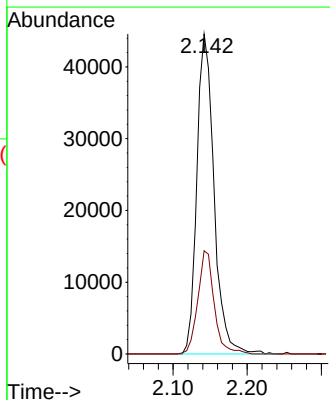
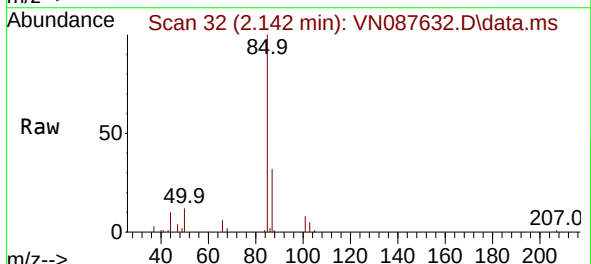
Manual Integrations
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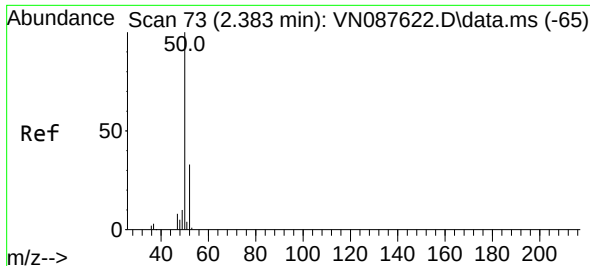
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#2
Dichlorodifluoromethane
Concen: 20.176 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

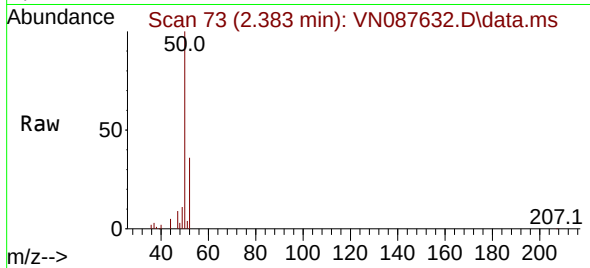
Tgt Ion: 85 Resp: 71686
Ion Ratio Lower Upper
85 100
87 32.2 16.6 49.8





#3
Chloromethane
Concen: 18.855 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

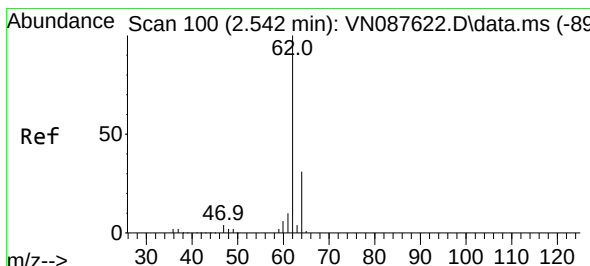
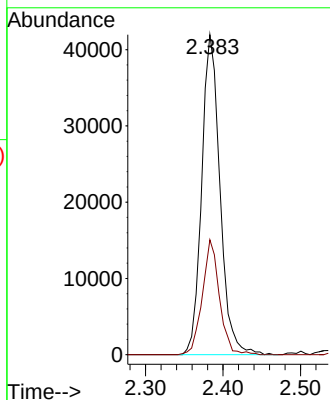
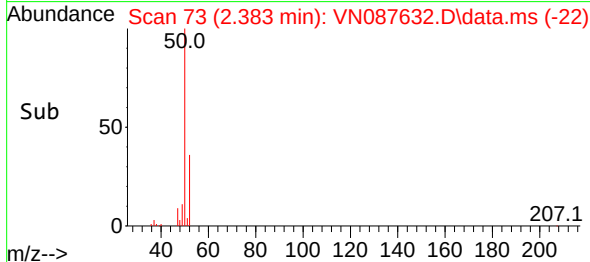
Instrument :
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Tgt Ion: 50 Resp: 6884
Ion Ratio Lower Upper
50 100
52 35.9 26.2 39.4

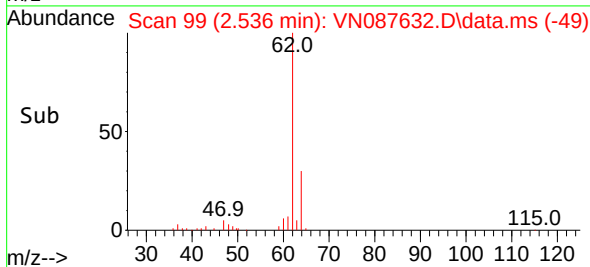
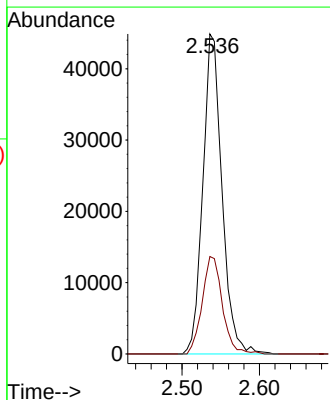
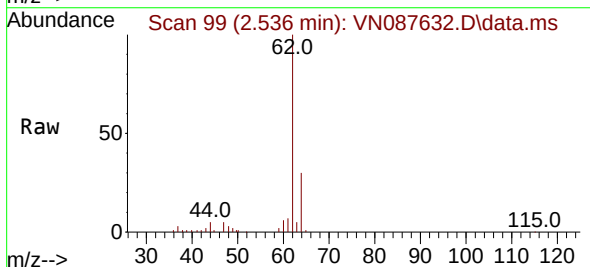
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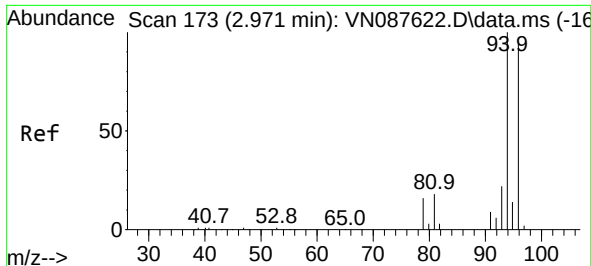
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#4
Vinyl Chloride
Concen: 18.176 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

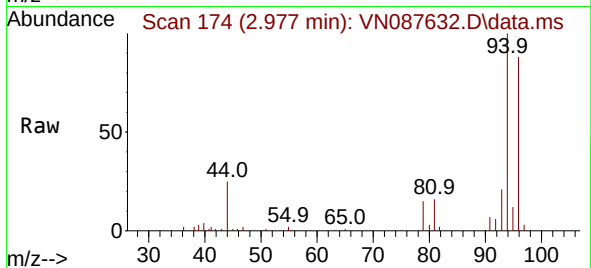
Tgt Ion: 62 Resp: 76952
Ion Ratio Lower Upper
62 100
64 30.4 24.6 37.0





#5
Bromomethane
Concen: 19.097 ug/l
RT: 2.977 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

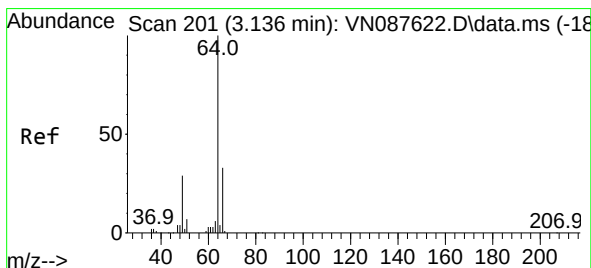
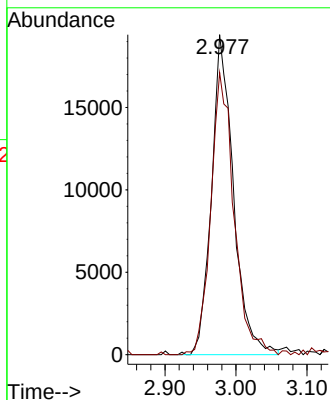
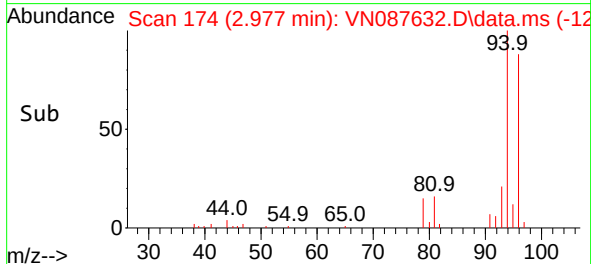
Instrument :
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Tgt Ion: 94 Resp: 4171
Ion Ratio Lower Upper
94 100
96 88.2 75.4 113.2

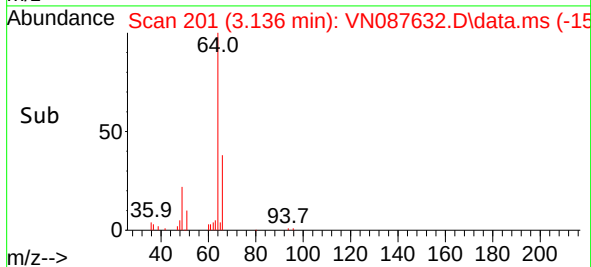
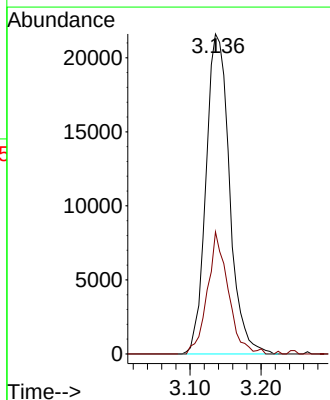
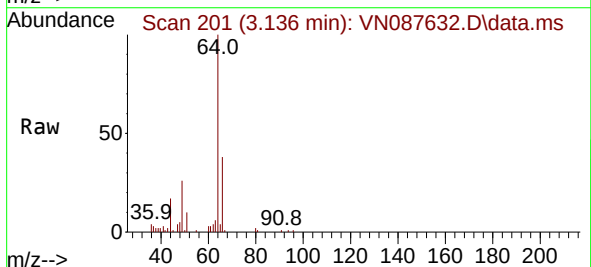
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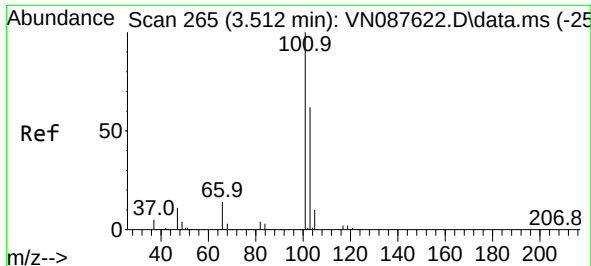
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#6
Chloroethane
Concen: 16.715 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

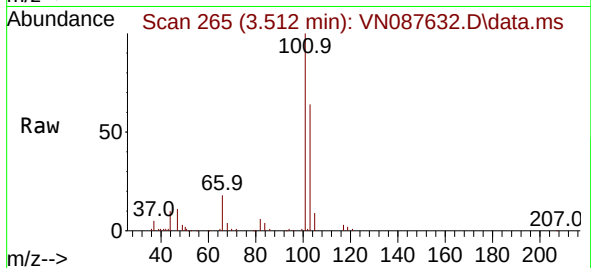
Tgt Ion: 64 Resp: 49737
Ion Ratio Lower Upper
64 100
66 38.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 17.713 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087632.D
 Acq: 22 Aug 2025 11:55

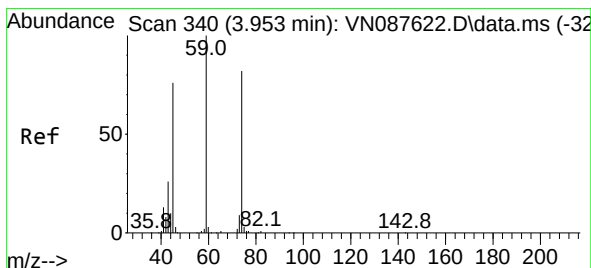
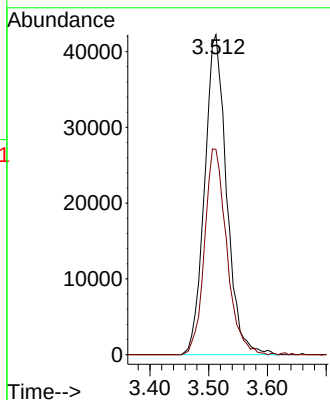
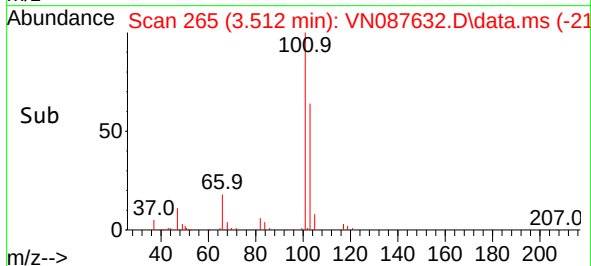
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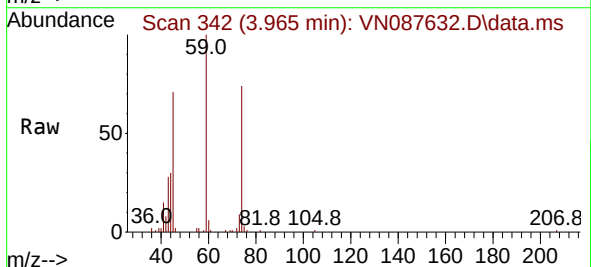
Tgt Ion:101 Resp: 109872
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.4 74.0

Manual Integrations
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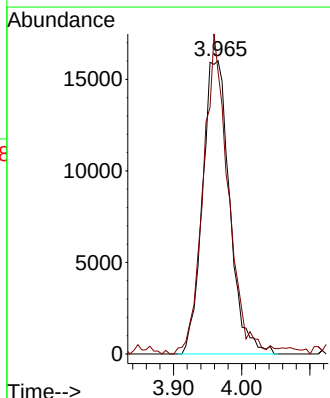
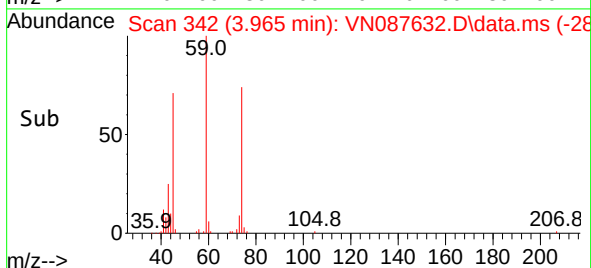
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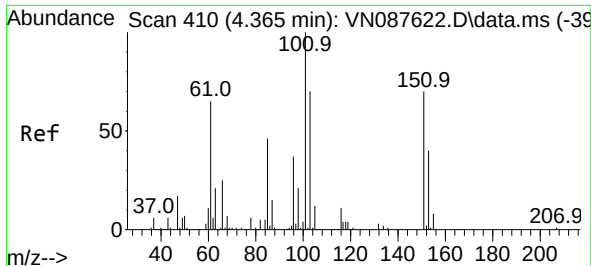


#8
 Diethyl Ether
 Concen: 16.416 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087632.D
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Tgt Ion: 74 Resp: 44347
 Ion Ratio Lower Upper
 74 100
 45 100.1 50.6 151.9





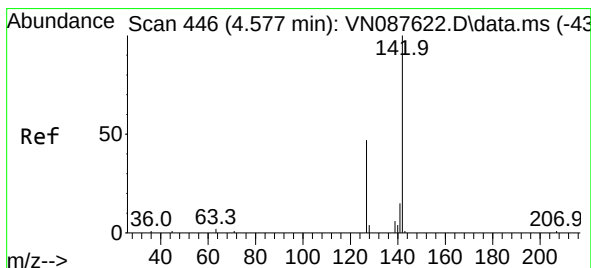
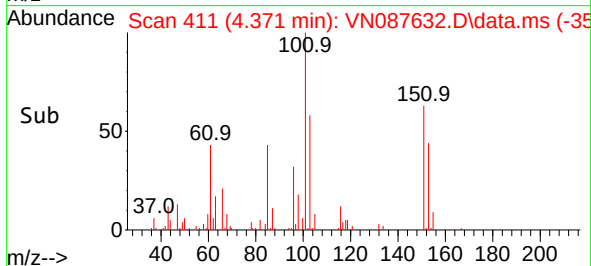
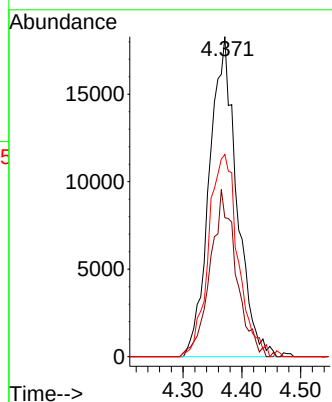
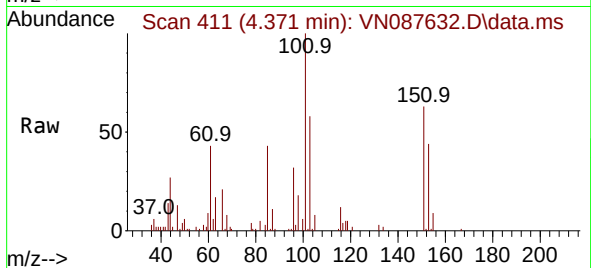
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.893 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01

Tgt Ion:101 Resp: 5929
Ion Ratio Lower Upper
101 100
85 49.3 36.6 55.0
151 67.6 54.7 82.1

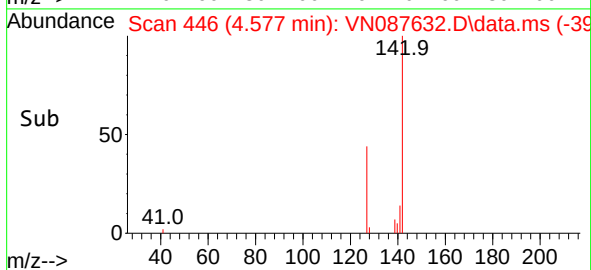
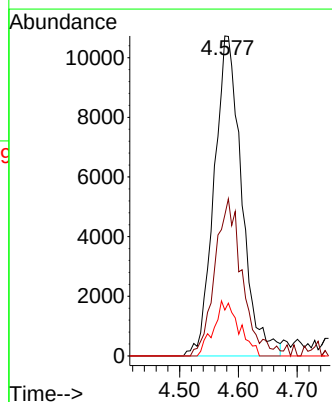
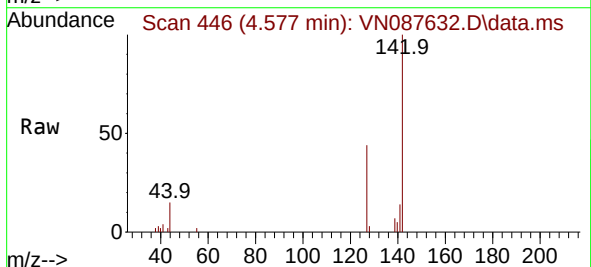
Manual Integrations
APPROVED

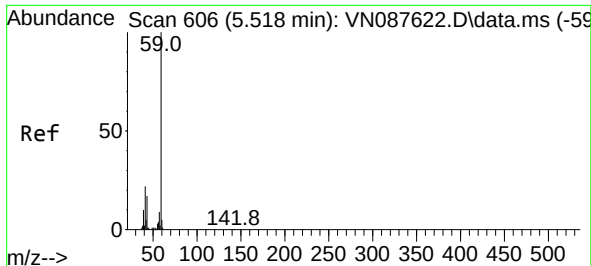
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#10
Methyl Iodide
Concen: 18.317 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

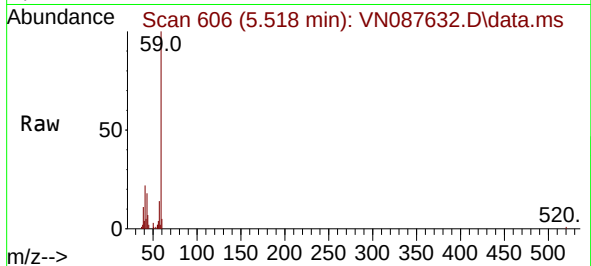
Tgt Ion:142 Resp: 34942
Ion Ratio Lower Upper
142 100
127 44.0 38.0 57.0
141 14.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 84.483 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

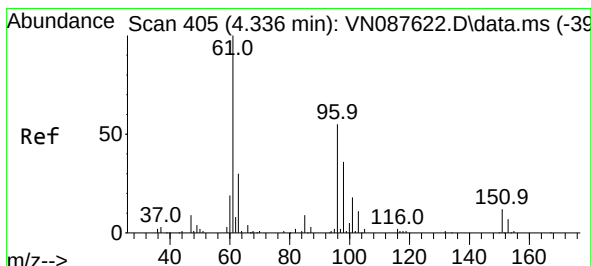
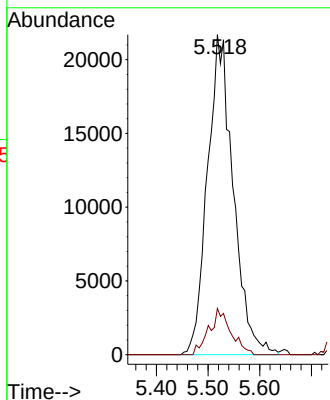
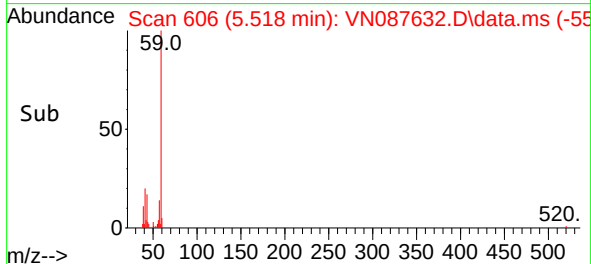
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



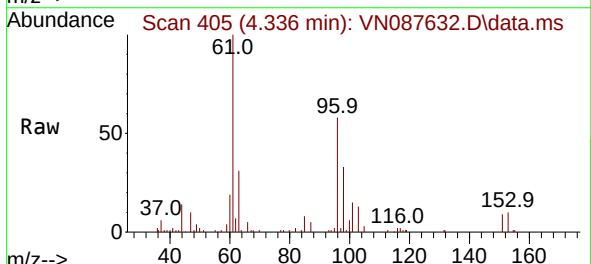
Tgt Ion: 59 Resp: 75170
Ion Ratio Lower Upper
59 100
57 12.1 9.0 13.4

Manual Integrations
APPROVED

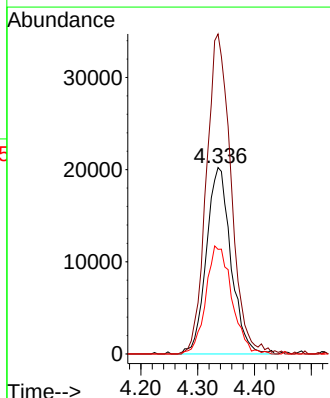
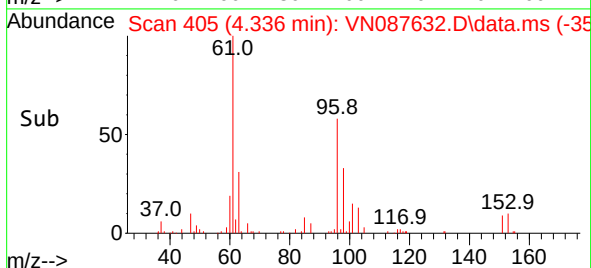
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

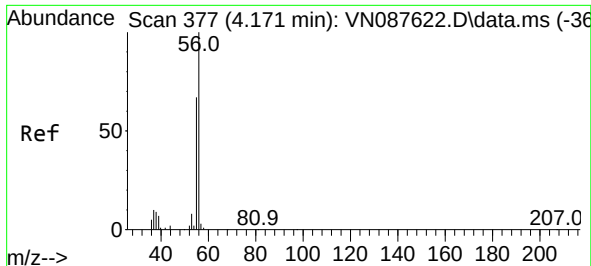


#12
1,1-Dichloroethene
Concen: 16.831 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



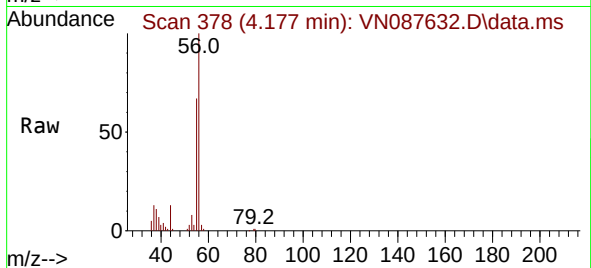
Tgt Ion: 96 Resp: 60705
Ion Ratio Lower Upper
96 100
61 171.7 143.8 215.8
98 56.1 52.1 78.1





#13
Acrolein
Concen: 92.121 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

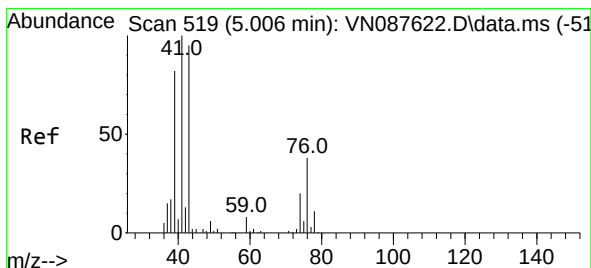
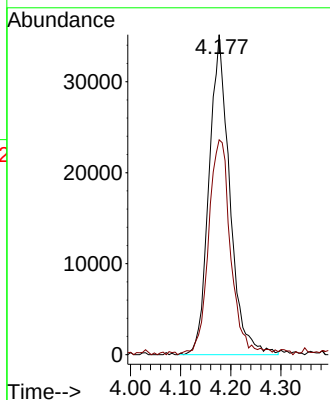
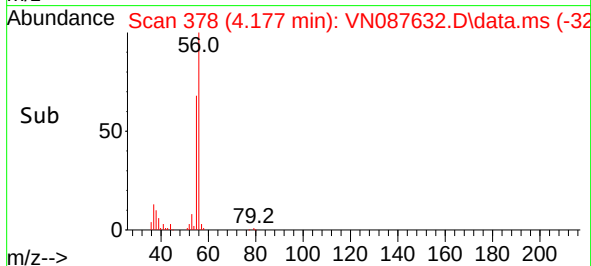
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 56 Resp: 100775
Ion Ratio Lower Upper
56 100
55 71.8 57.3 85.9

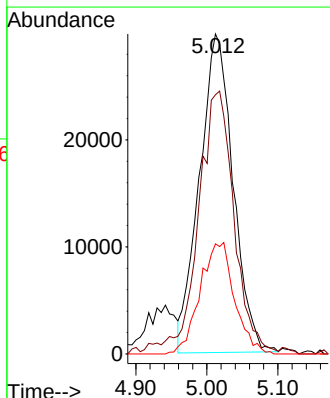
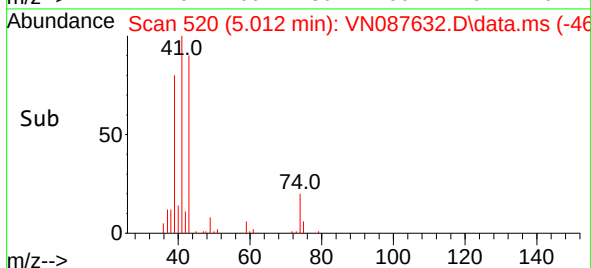
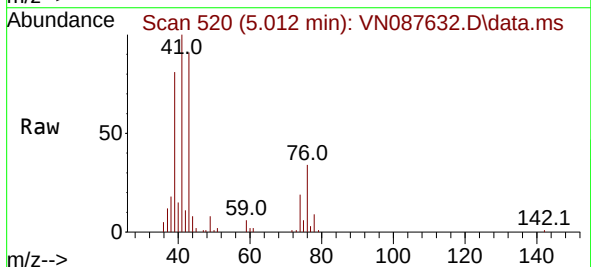
Manual Integrations
APPROVED

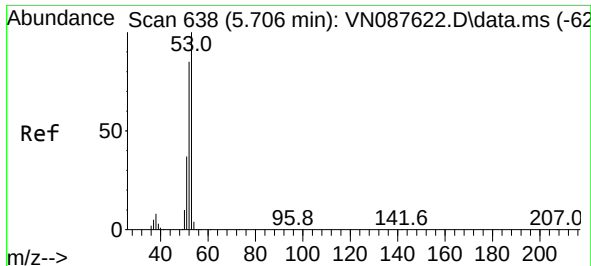
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#14
Allyl chloride
Concen: 15.002 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

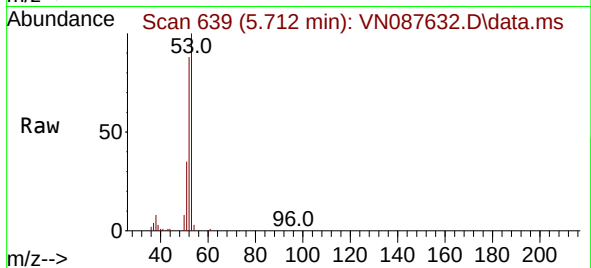
Tgt Ion: 41 Resp: 98055
Ion Ratio Lower Upper
41 100
39 85.3 63.9 95.9
76 35.9 28.1 42.1





#15
Acrylonitrile
Concen: 80.386 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

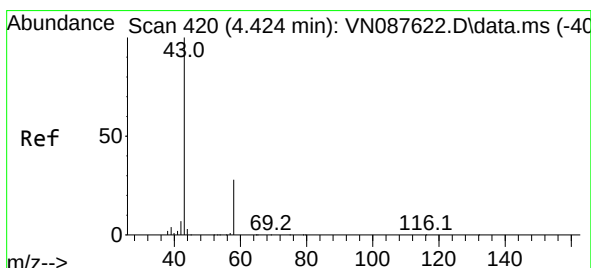
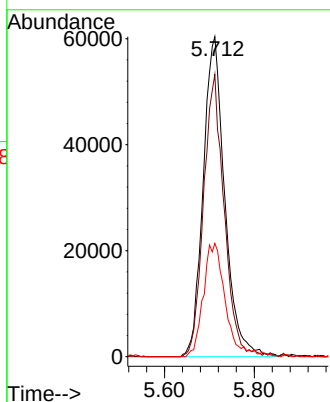
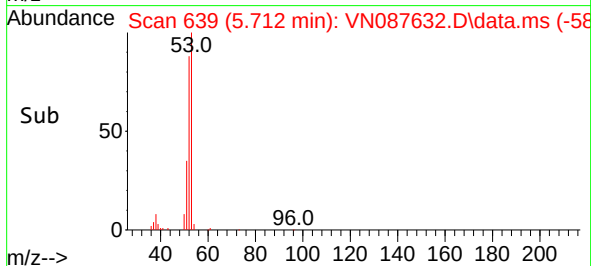
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 53 Resp: 201734
Ion Ratio Lower Upper
53 100
52 83.6 67.6 101.4
51 36.0 30.1 45.1

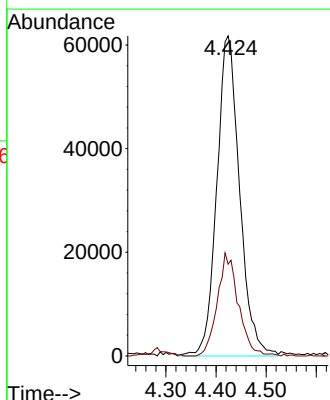
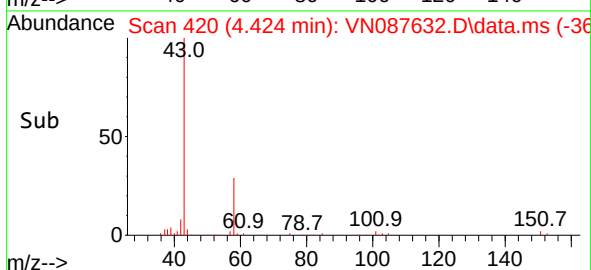
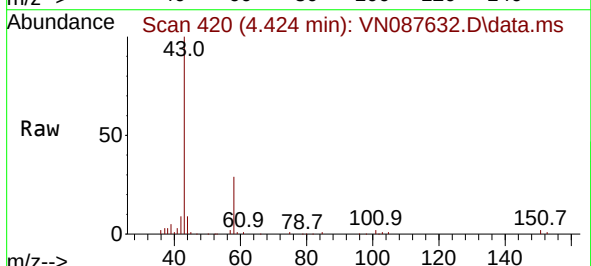
Manual Integrations
APPROVED

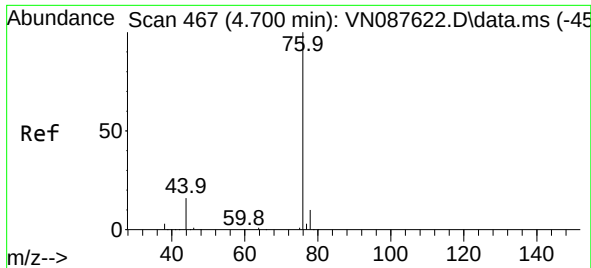
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#16
Acetone
Concen: 70.031 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

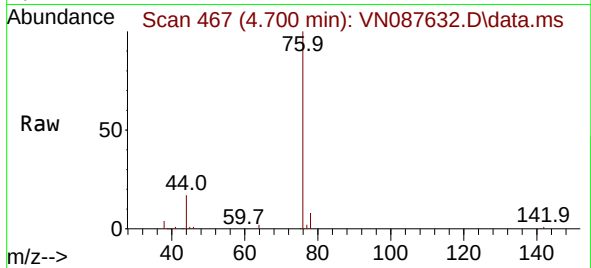
Tgt Ion: 43 Resp: 195405
Ion Ratio Lower Upper
43 100
58 28.4 22.6 33.8





#17
Carbon Disulfide
Concen: 17.073 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

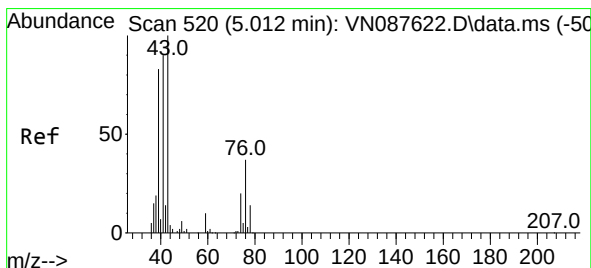
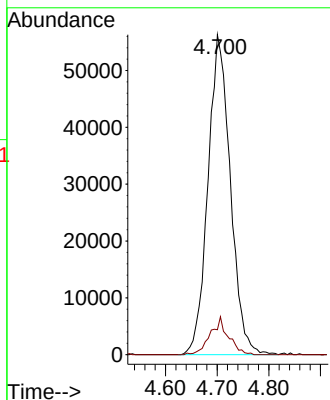
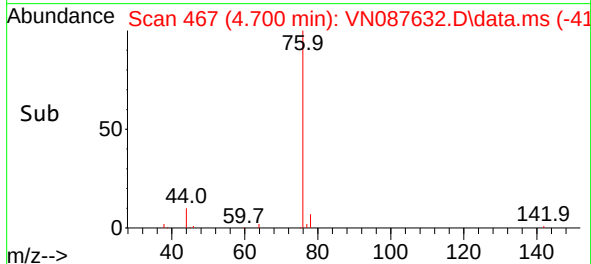
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 76 Resp: 16952
Ion Ratio Lower Upper
76 100
78 7.8 7.6 11.4

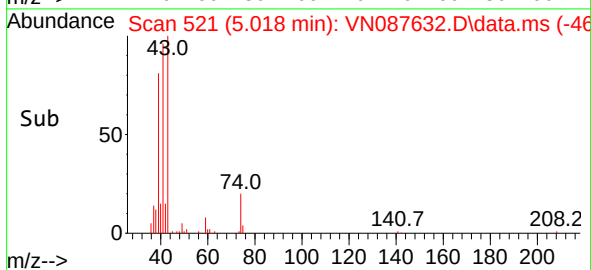
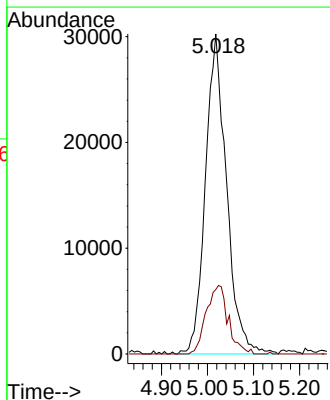
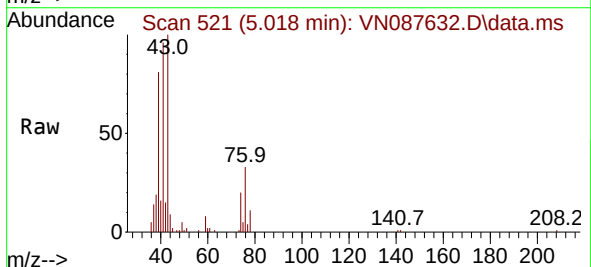
Manual Integrations
APPROVED

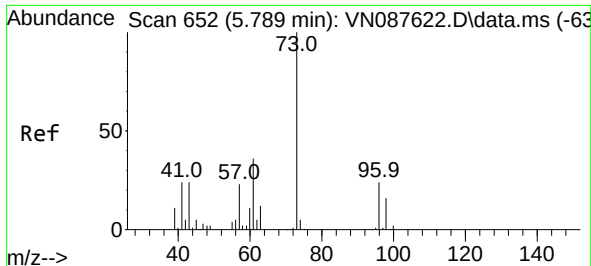
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#18
Methyl Acetate
Concen: 16.496 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Tgt Ion: 43 Resp: 96372
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4





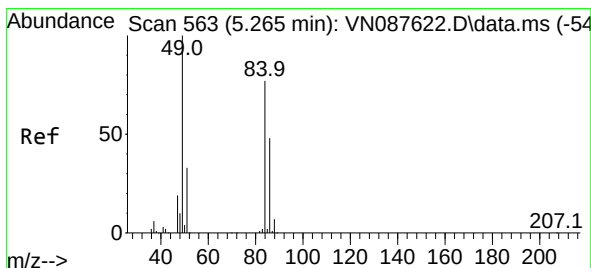
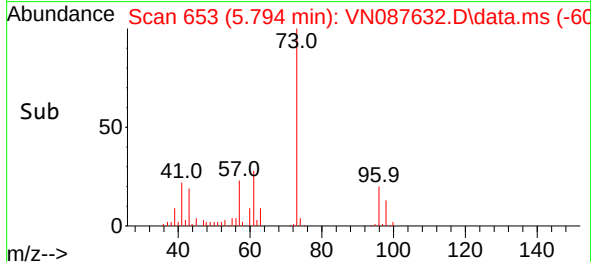
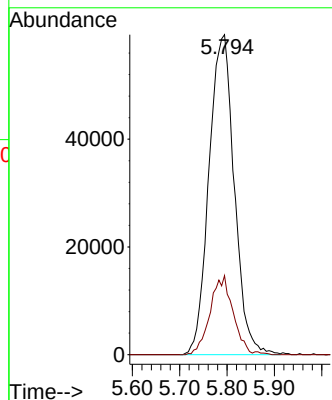
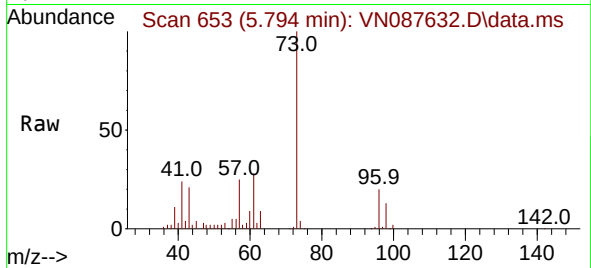
#19
Methyl tert-butyl Ether
Concen: 16.300 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01

Tgt Ion: 73 Resp: 22055
Ion Ratio Lower Upper
73 100
57 24.7 18.4 27.6

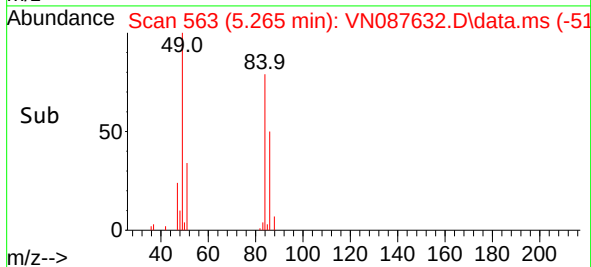
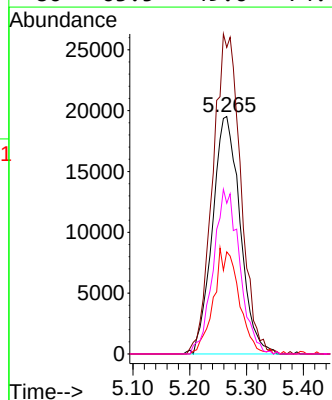
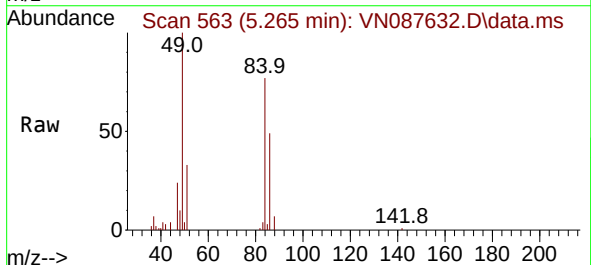
Manual Integrations
APPROVED

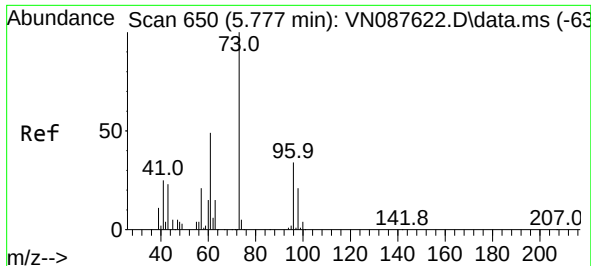
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#20
Methylene Chloride
Concen: 15.512 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

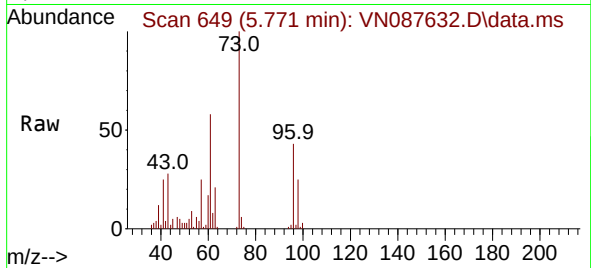
Tgt Ion: 84 Resp: 66059
Ion Ratio Lower Upper
84 100
49 129.1 103.4 155.2
51 43.0 33.8 50.8
86 63.5 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 15.429 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

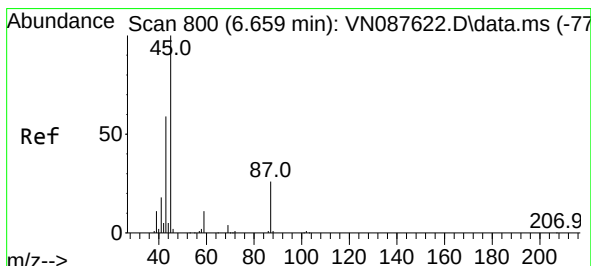
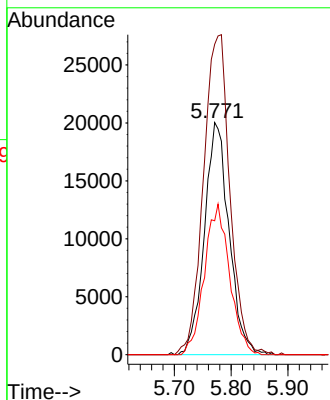
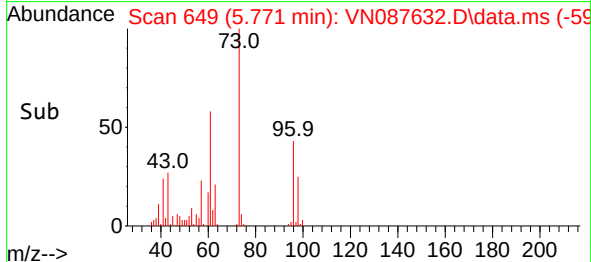
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 96 Resp: 60312
Ion Ratio Lower Upper
96 100
61 133.7 118.0 177.0
98 57.6 50.0 75.0

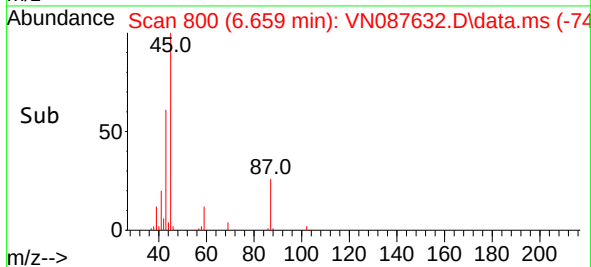
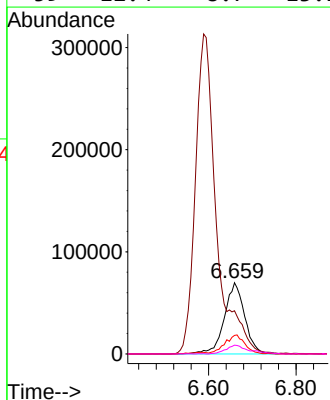
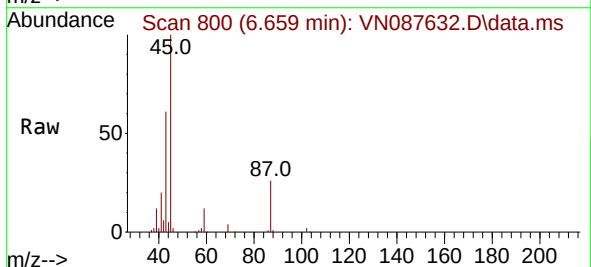
Manual Integrations
APPROVED

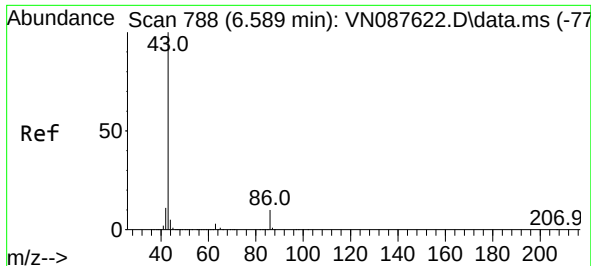
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#22
Diisopropyl ether
Concen: 15.977 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

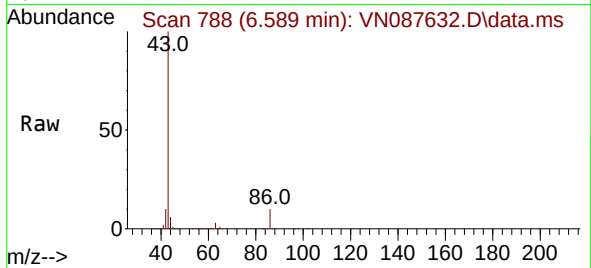
Tgt Ion: 45 Resp: 225356
Ion Ratio Lower Upper
45 100
43 59.9 47.7 71.5
87 26.0 21.4 32.0
59 12.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 81.478 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087632.D
 Acq: 22 Aug 2025 11:55

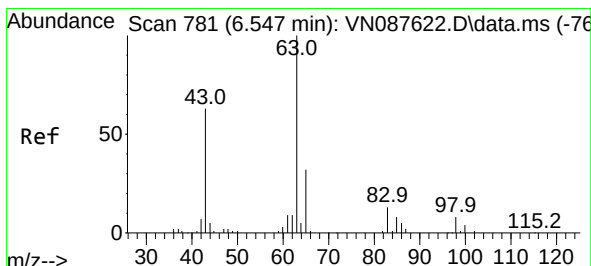
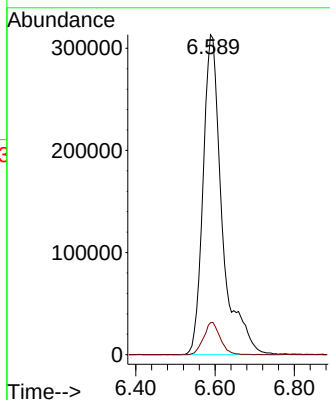
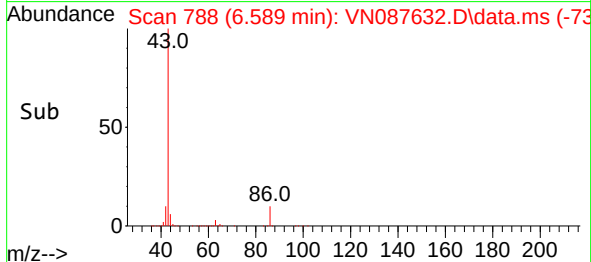
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBSD01



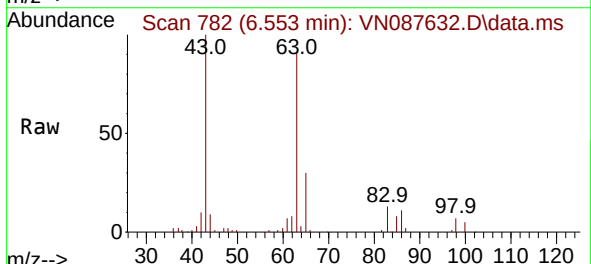
Tgt Ion: 43 Resp: 104556
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4

Manual Integrations
 APPROVED

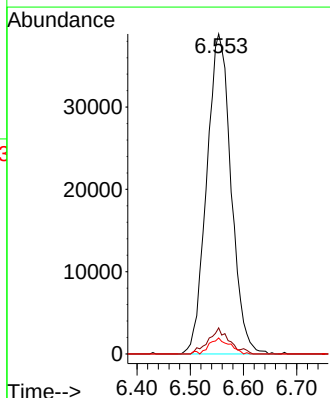
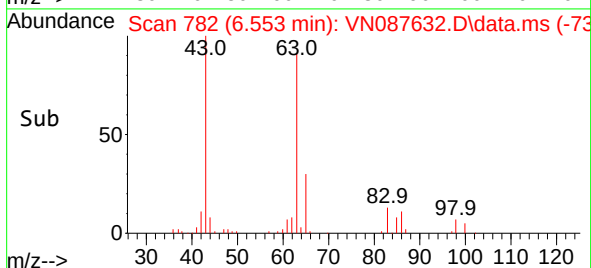
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

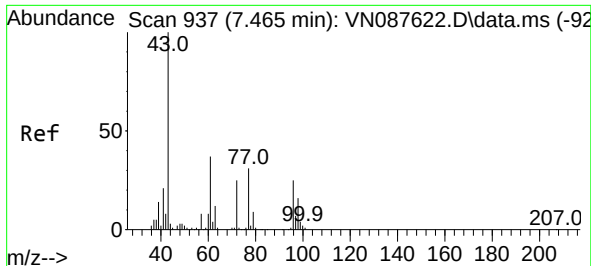


#24
 1,1-Dichloroethane
 Concen: 15.985 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087632.D
 Acq: 22 Aug 2025 11:55



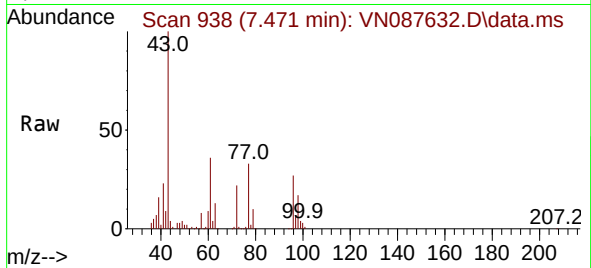
Tgt Ion: 63 Resp: 123623
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.8 11.4
 100 5.0 2.0 6.0





#25
2-Butanone
Concen: 78.699 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

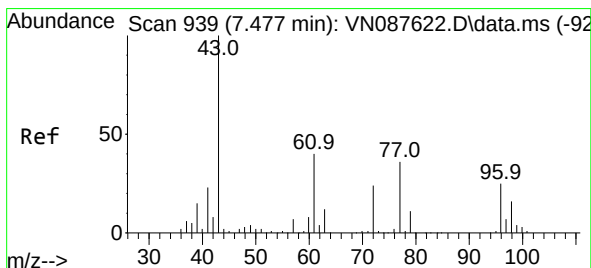
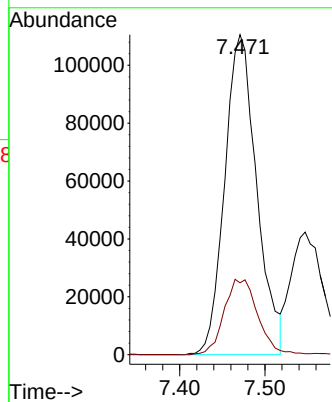
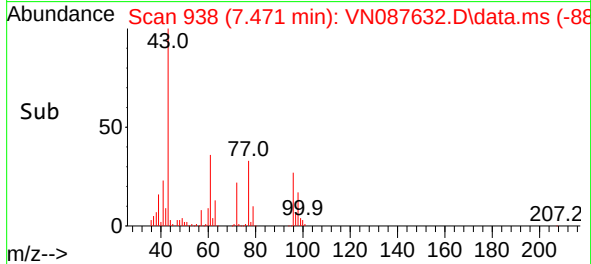
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 43 Resp: 288898
Ion Ratio Lower Upper
43 100
72 22.5 19.9 29.9

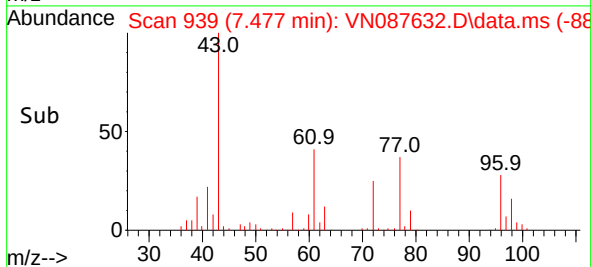
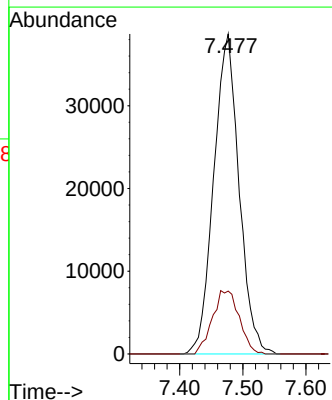
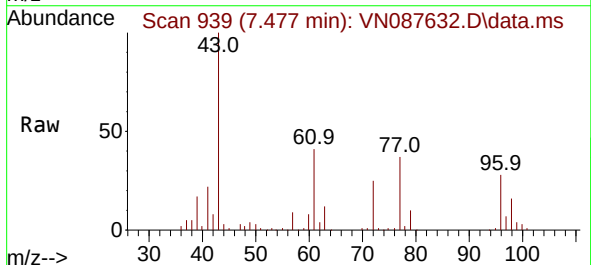
Manual Integrations
APPROVED

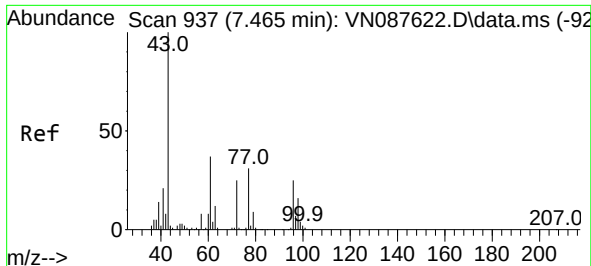
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#26
2,2-Dichloropropane
Concen: 16.206 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

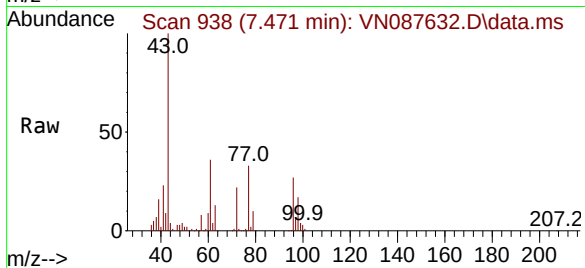
Tgt Ion: 77 Resp: 107569
Ion Ratio Lower Upper
77 100
97 21.0 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 16.443 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087632.D
 Acq: 22 Aug 2025 11:55

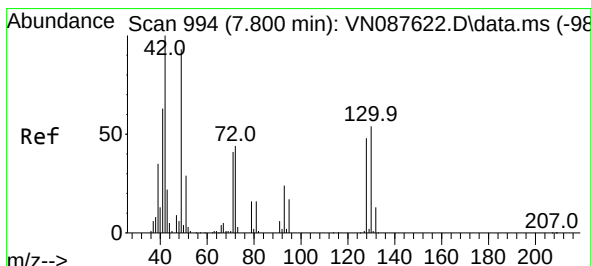
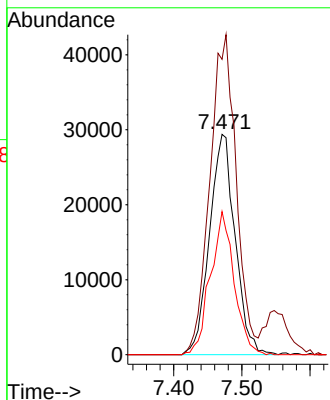
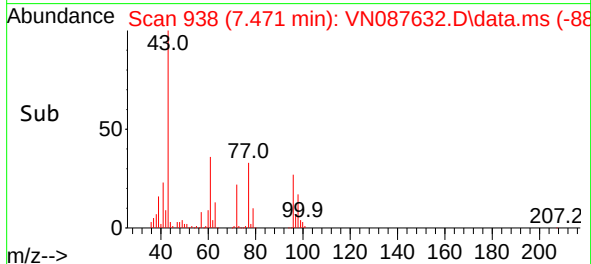
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBSD01



Tgt Ion: 96 Resp: 7684
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 301.8
 98 60.3 0.0 126.2

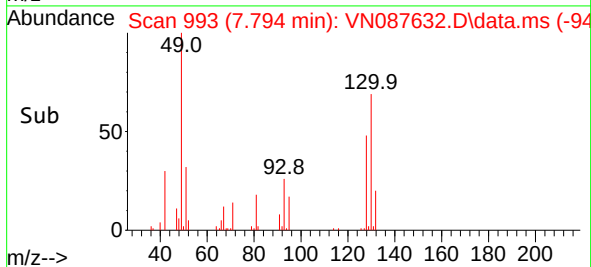
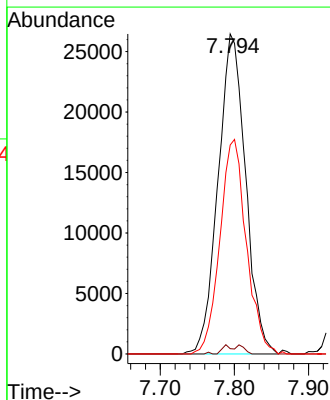
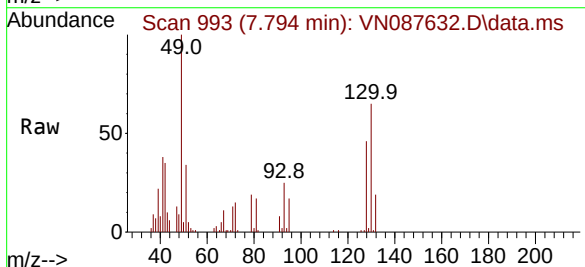
Manual Integrations
 APPROVED

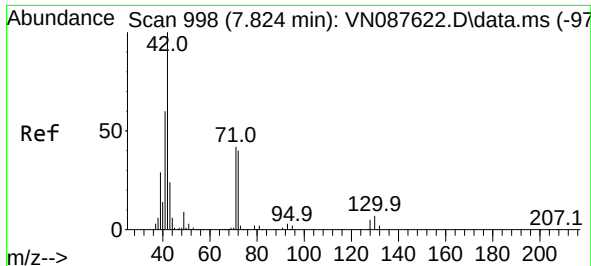
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#28
 Bromochloromethane
 Concen: 18.256 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087632.D
 Acq: 22 Aug 2025 11:55

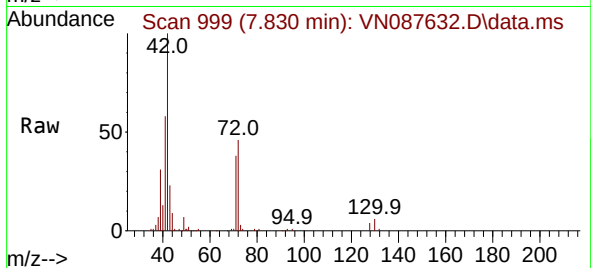
Tgt Ion: 49 Resp: 68253
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.0
 130 64.4 53.1 79.7





#29
Tetrahydrofuran
Concen: 78.582 ug/l
RT: 7.830 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

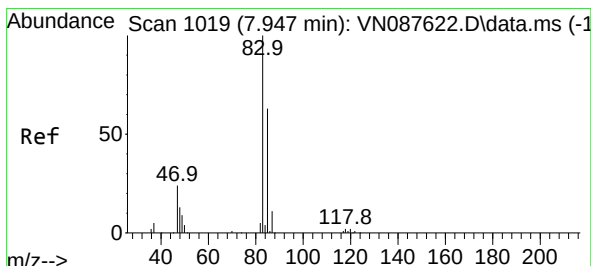
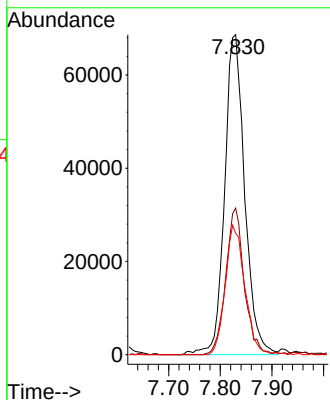
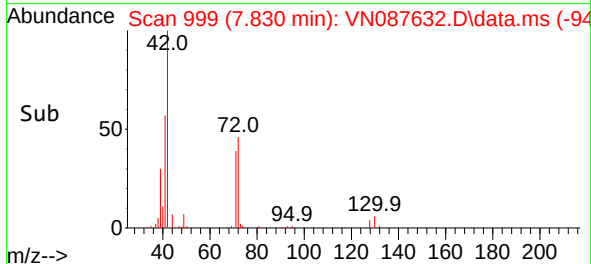
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 42 Resp: 185640
Ion Ratio Lower Upper
42 100
72 42.4 33.7 50.5
71 39.0 31.9 47.9

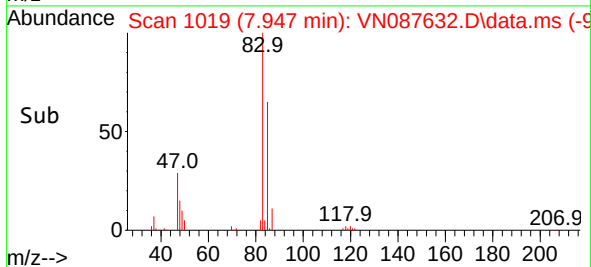
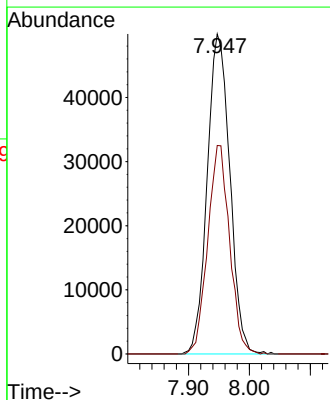
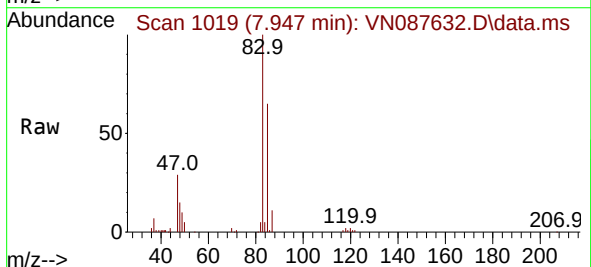
Manual Integrations
APPROVED

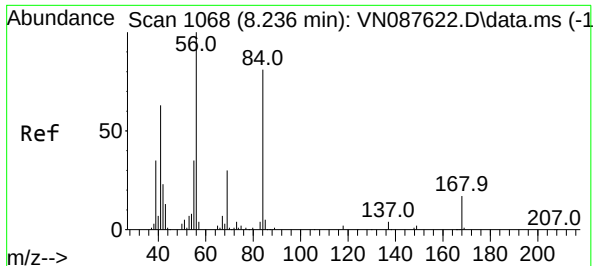
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#30
Chloroform
Concen: 16.327 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

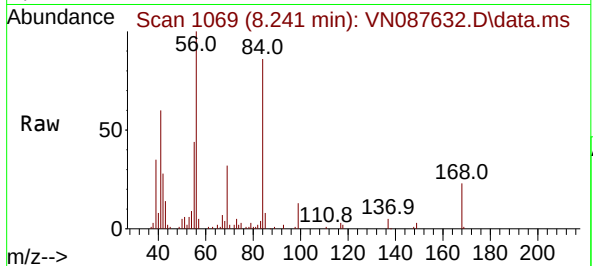
Tgt Ion: 83 Resp: 128879
Ion Ratio Lower Upper
83 100
85 65.2 50.7 76.1





#31
Cyclohexane
Concen: 16.969 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

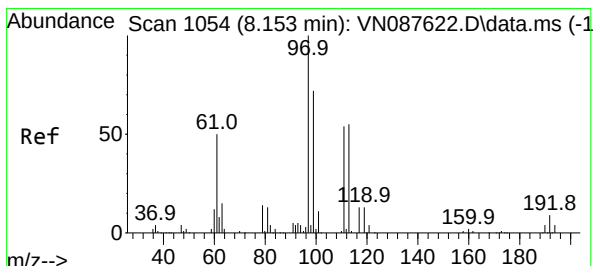
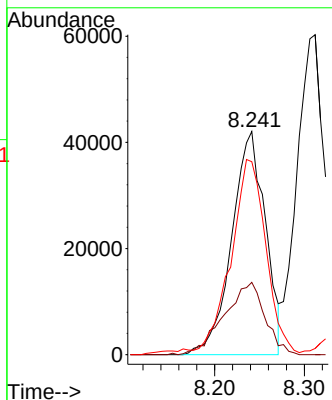
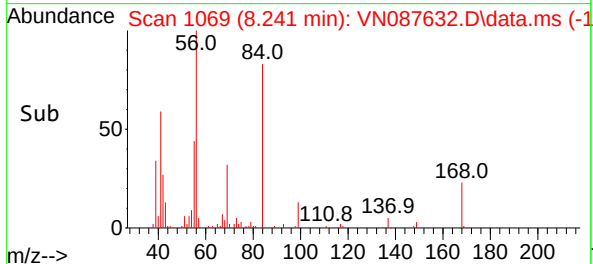
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 56 Resp: 10940
Ion Ratio Lower Upper
56 100
69 32.4 23.7 35.5
84 85.0 64.7 97.1

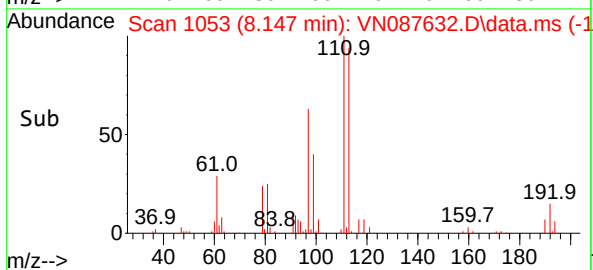
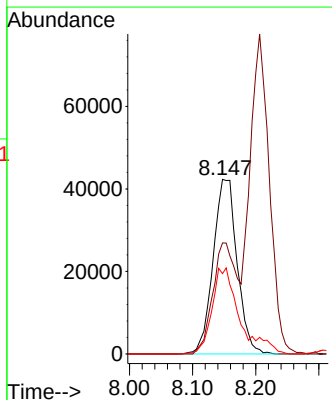
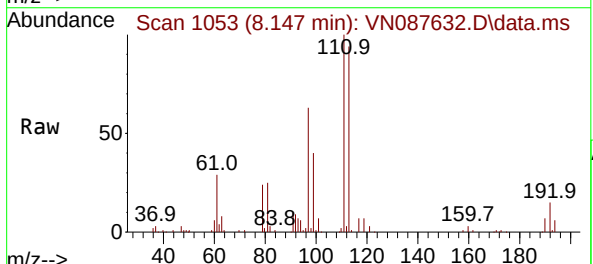
Manual Integrations
APPROVED

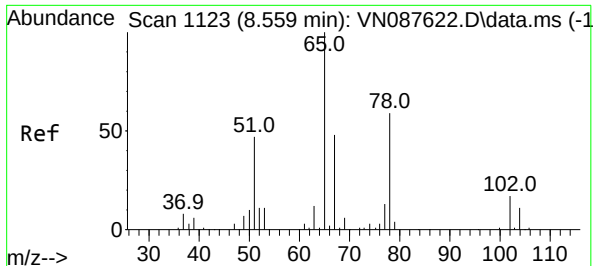
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 16.726 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Tgt Ion: 97 Resp: 111893
Ion Ratio Lower Upper
97 100
99 64.2 52.2 78.2
61 56.4 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 43.944 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBSD01

Tgt Ion: 65 Resp: 22524

Ion Ratio Lower Upper

65 100

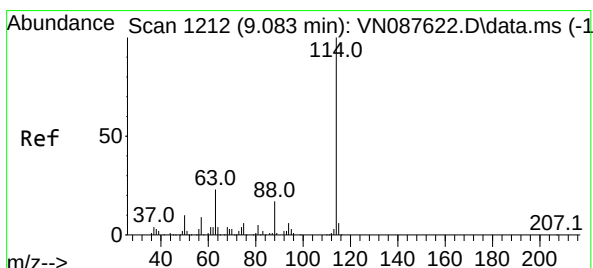
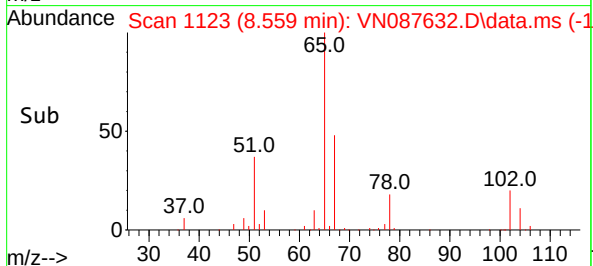
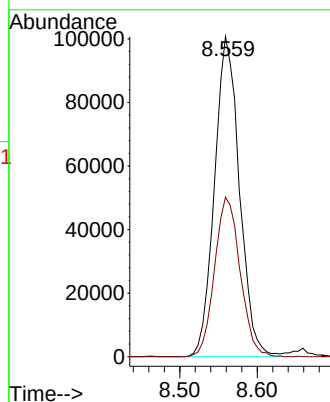
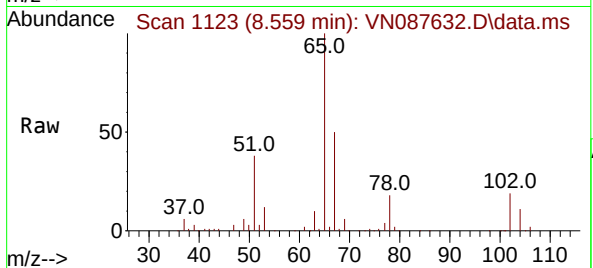
67 50.9 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

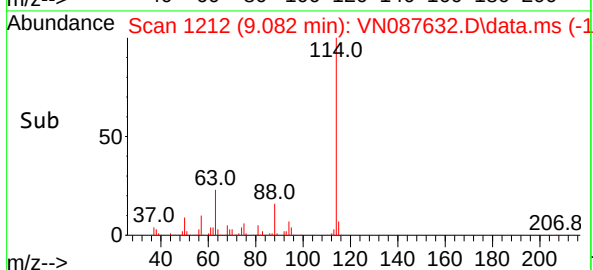
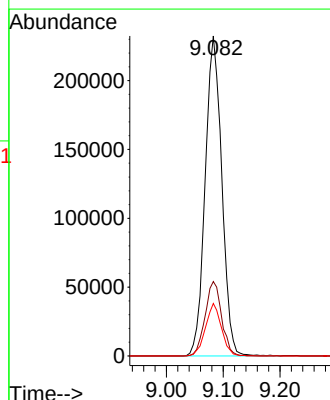
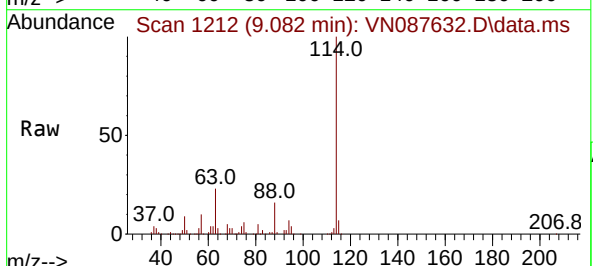
Tgt Ion:114 Resp: 471220

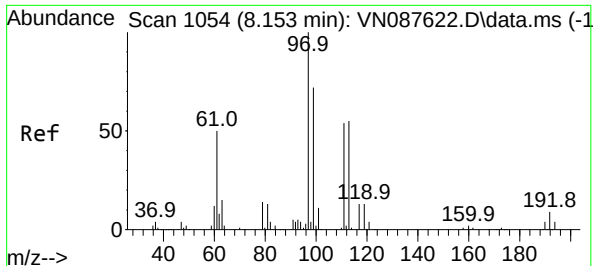
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

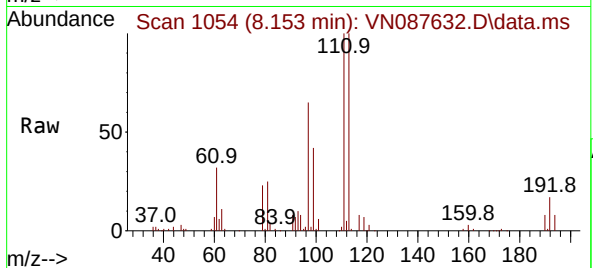
88 16.4 0.0 33.4





#35
Dibromofluoromethane
Concen: 46.278 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

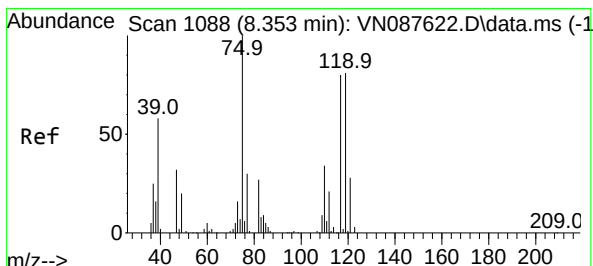
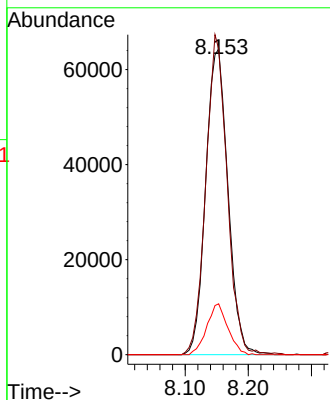
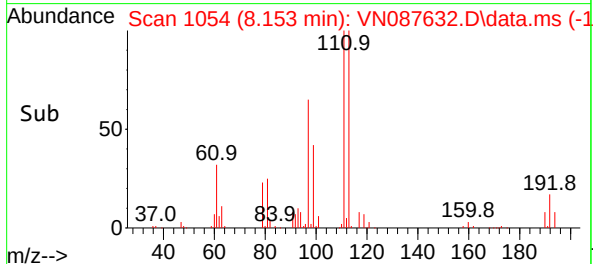
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



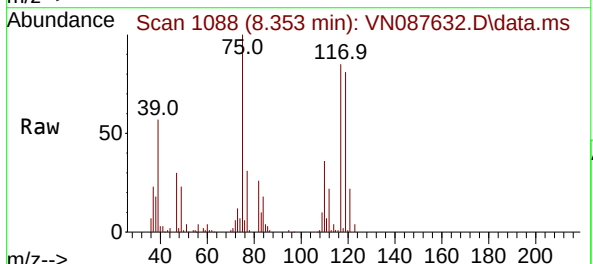
Tgt Ion: 113 Resp: 15744
Ion Ratio Lower Upper
113 100
111 100.2 82.8 124.2
192 15.8 12.8 19.2

Manual Integrations
APPROVED

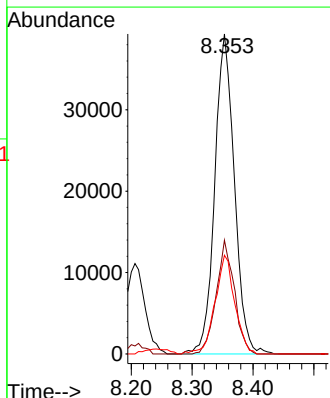
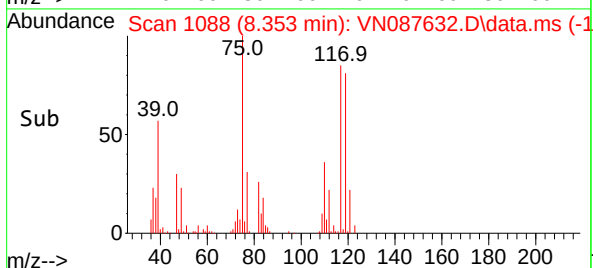
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

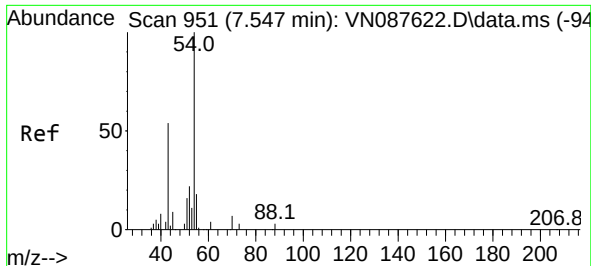


#36
1,1-Dichloropropene
Concen: 16.881 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



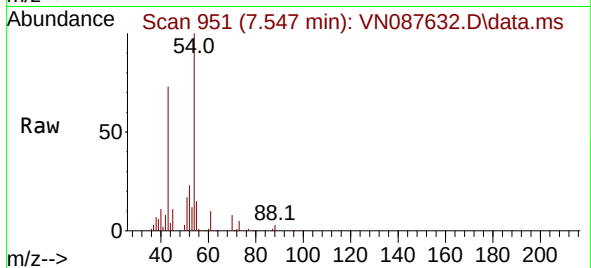
Tgt Ion: 75 Resp: 88107
Ion Ratio Lower Upper
75 100
110 32.9 15.9 47.6
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 15.872 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

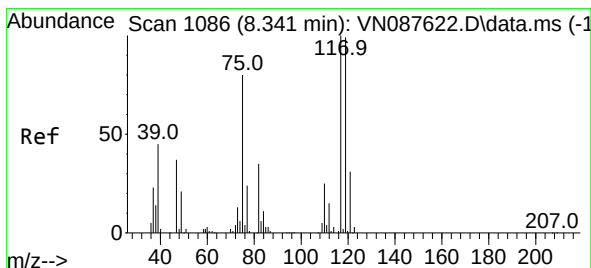
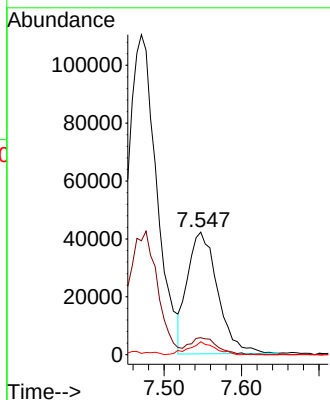
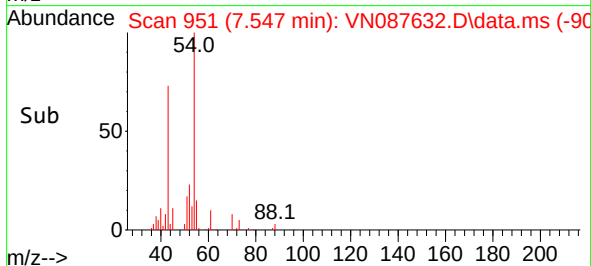
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 43 Resp: 113204
Ion Ratio Lower Upper
43 100
61 12.7 9.3 13.9
70 8.9 7.0 10.6

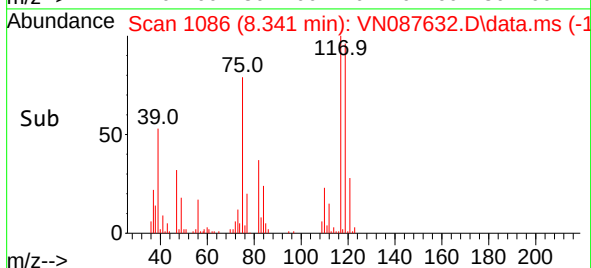
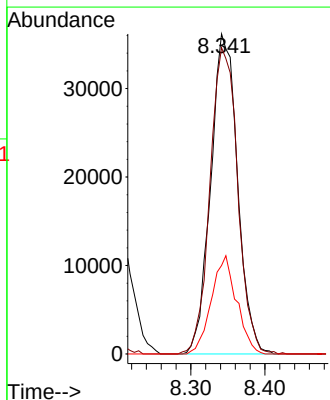
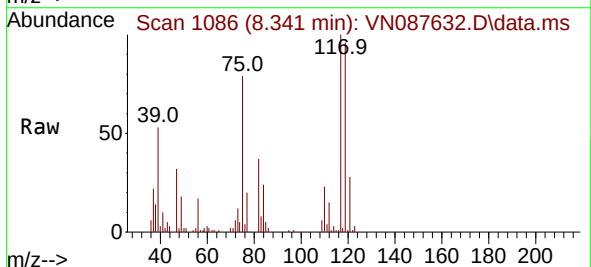
Manual Integrations
APPROVED

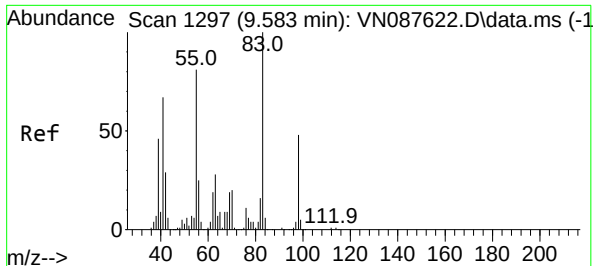
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#38
Carbon Tetrachloride
Concen: 17.653 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Tgt Ion:117 Resp: 90972
Ion Ratio Lower Upper
117 100
119 95.7 79.0 118.6
121 27.7 25.0 37.6





#39

Methylcyclohexane

Concen: 18.057 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBSD01

Tgt Ion: 83 Resp: 103760

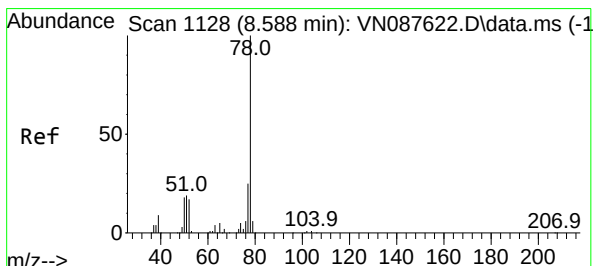
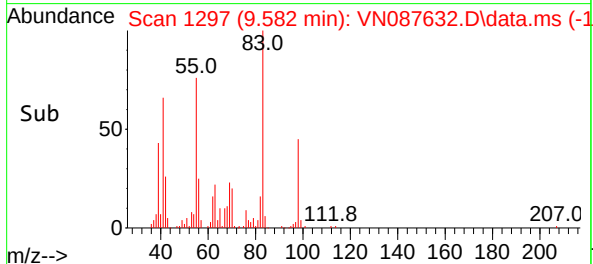
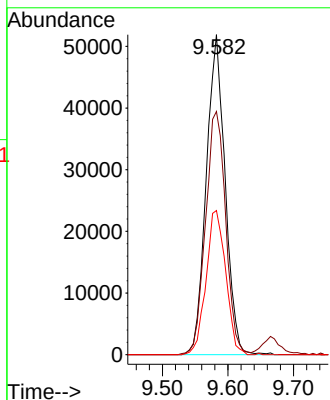
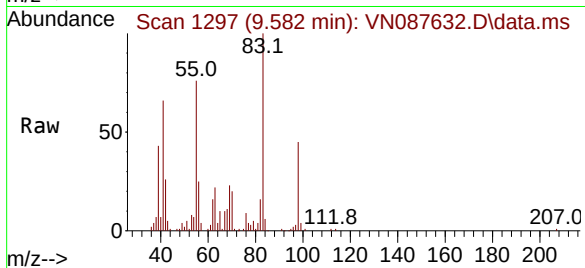
Ion	Ratio	Lower	Upper
83	100		
55	76.0	64.6	96.8
98	45.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#40

Benzene

Concen: 16.724 ug/l

RT: 8.582 min Scan# 1127

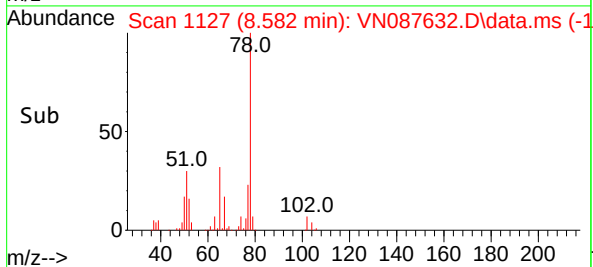
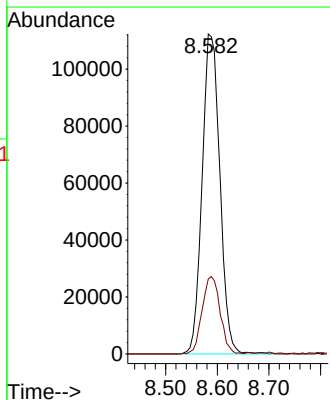
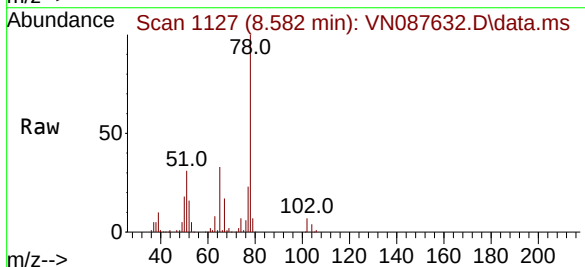
Delta R.T. -0.006 min

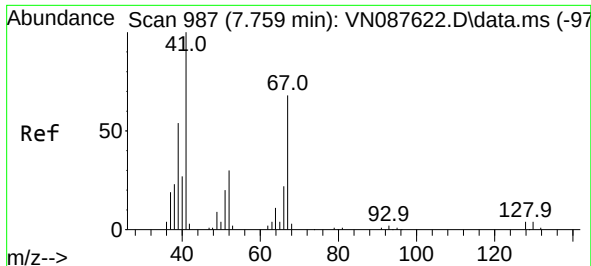
Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Tgt Ion: 78 Resp: 267731

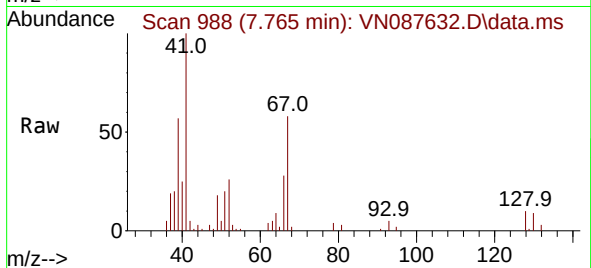
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5





#41
Methacrylonitrile
Concen: 16.366 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

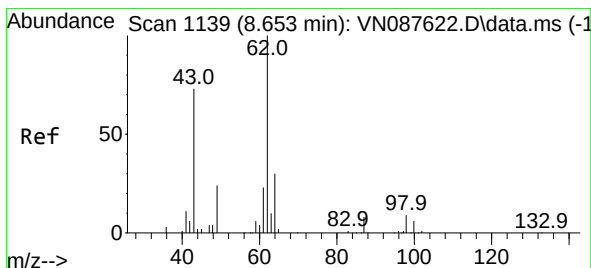
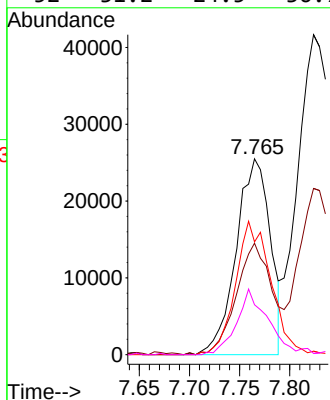
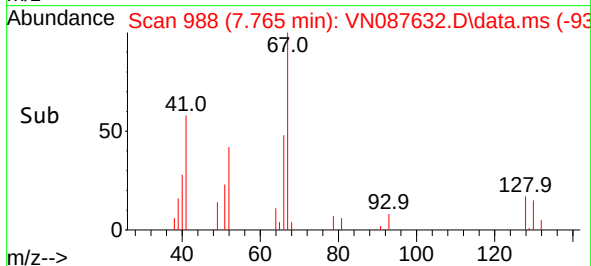
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 41 Resp: 6046
Ion Ratio Lower Upper
41 100
39 60.5 45.4 68.0
67 70.7 55.3 82.9
52 31.2 24.5 36.7

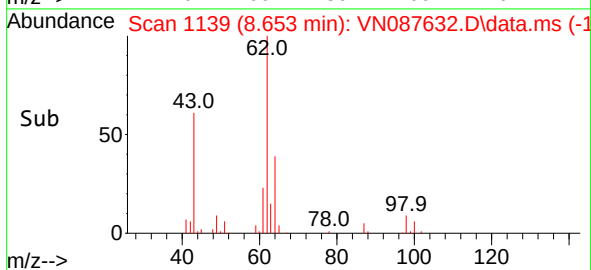
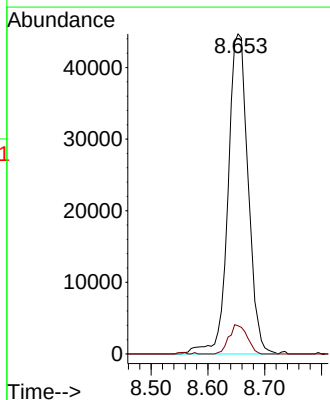
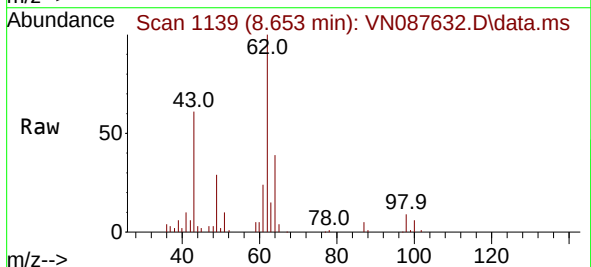
Manual Integrations
APPROVED

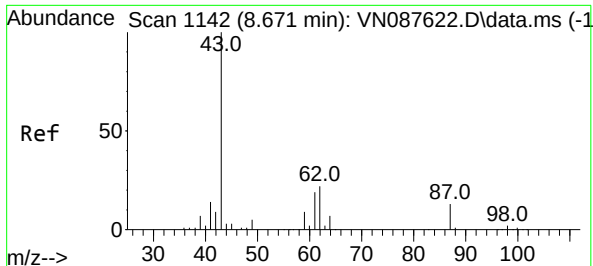
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#42
1,2-Dichloroethane
Concen: 17.792 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

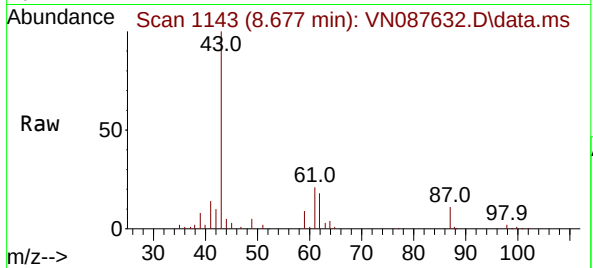
Tgt Ion: 62 Resp: 109454
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.4





#43
Isopropyl Acetate
Concen: 16.922 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

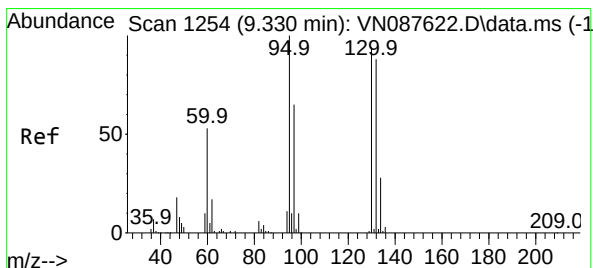
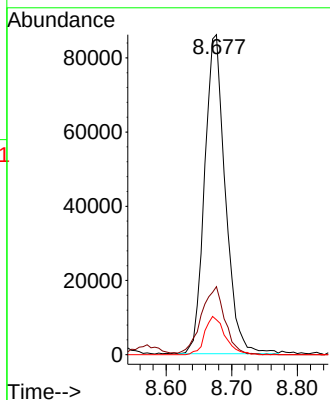
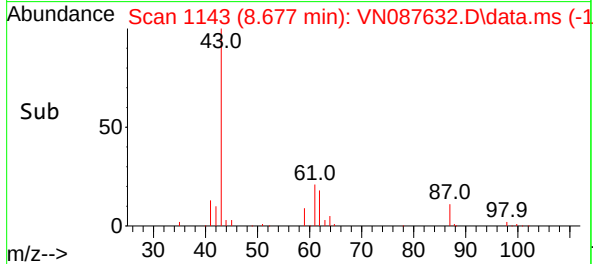
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



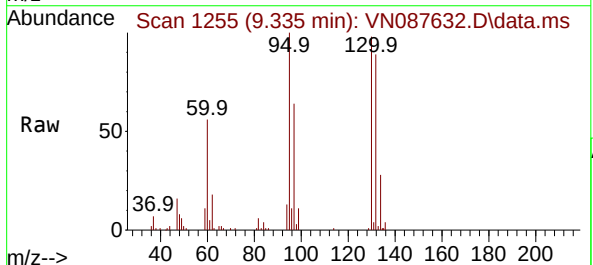
Tgt Ion: 43 Resp: 188428
Ion Ratio Lower Upper
43 100
61 24.6 18.8 28.2
87 11.8 9.6 14.4

Manual Integrations
APPROVED

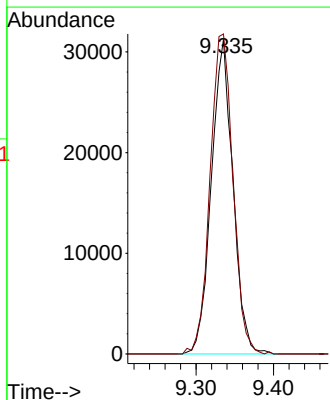
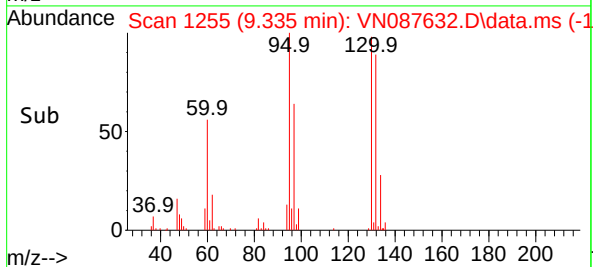
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

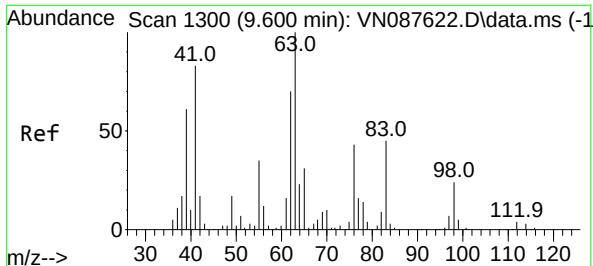


#44
Trichloroethene
Concen: 16.521 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



Tgt Ion:130 Resp: 60383
Ion Ratio Lower Upper
130 100
95 101.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 16.014 ug/l

RT: 9.606 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBSD01

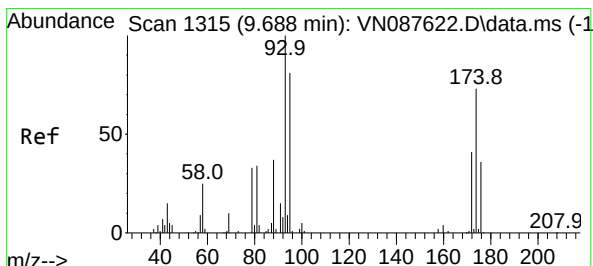
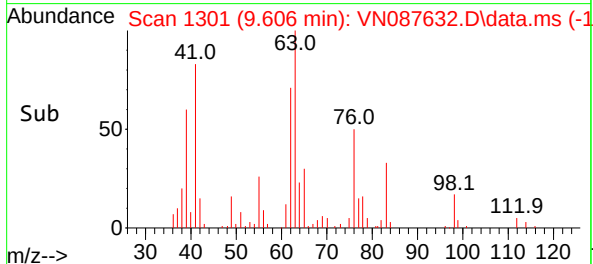
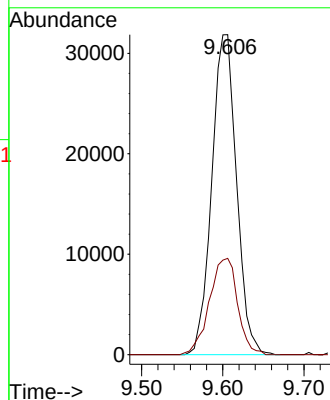
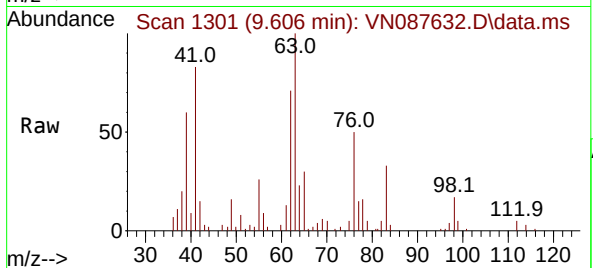
Tgt Ion: 63 Resp: 67574
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#46

Dibromomethane

Concen: 16.804 ug/l

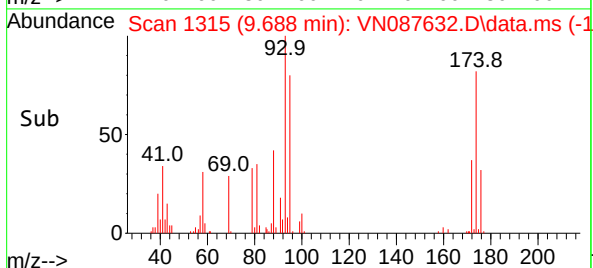
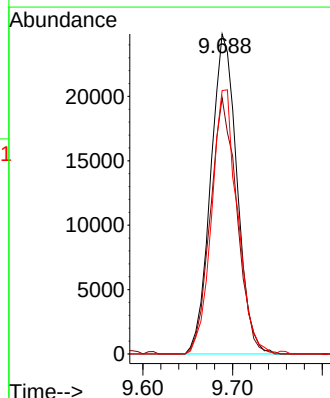
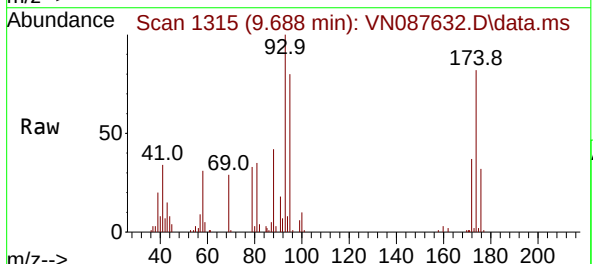
RT: 9.688 min Scan# 1315

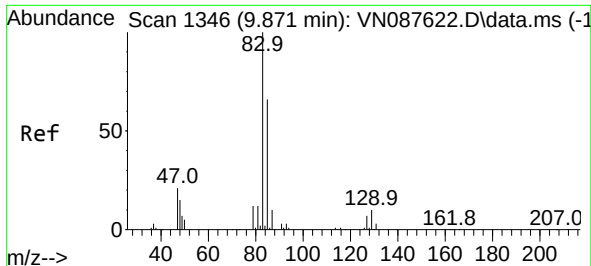
Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

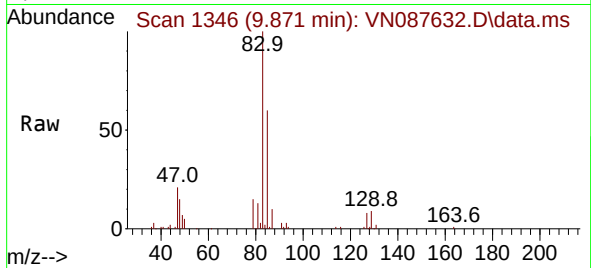
Tgt Ion: 93 Resp: 50458
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.2 99.4
 174 81.1 63.4 95.2





#47
Bromodichloromethane
Concen: 16.717 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

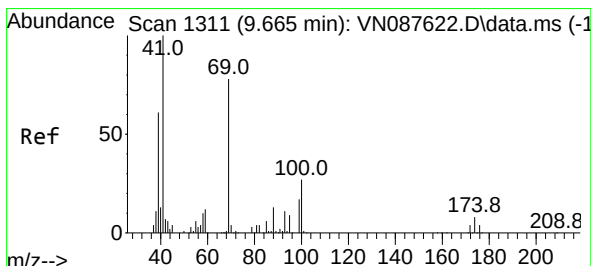
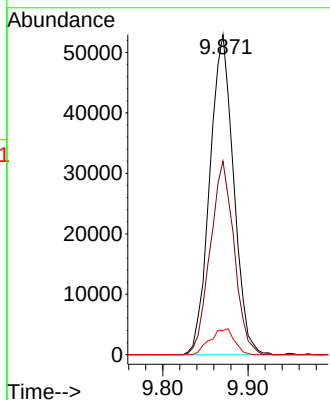
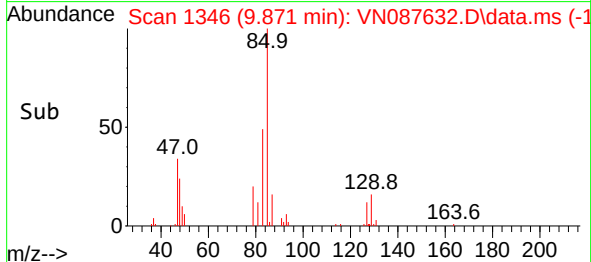
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



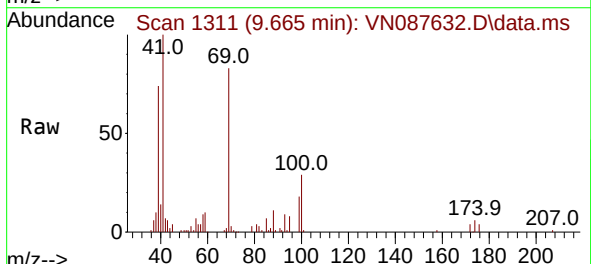
Tgt Ion: 83 Resp: 10288
Ion Ratio Lower Upper
83 100
85 60.4 52.5 78.7
127 7.6 5.8 8.6

Manual Integrations
APPROVED

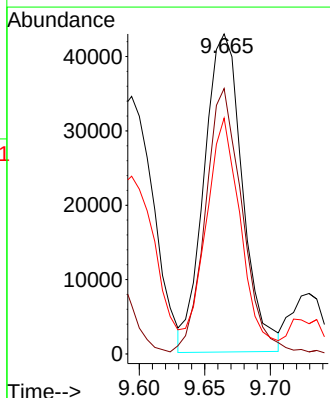
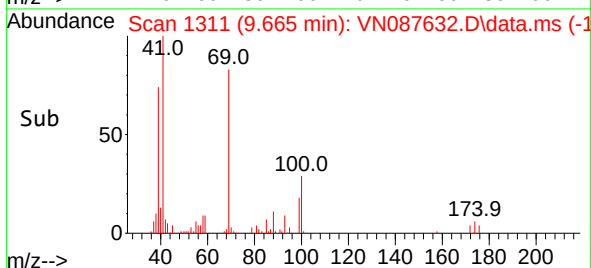
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

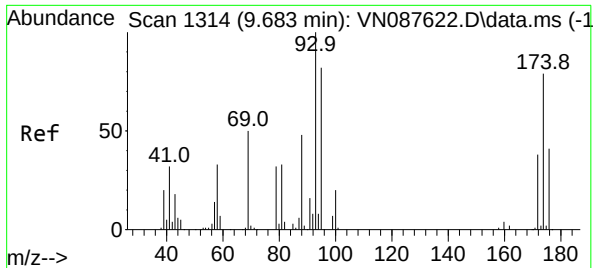


#48
Methyl methacrylate
Concen: 16.543 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



Tgt Ion: 41 Resp: 87134
Ion Ratio Lower Upper
41 100
69 81.0 62.7 94.1
39 68.6 52.9 79.3





#49

1,4-Dioxane

Concen: 389.920 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBSD01

Tgt Ion: 88 Resp: 26619

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

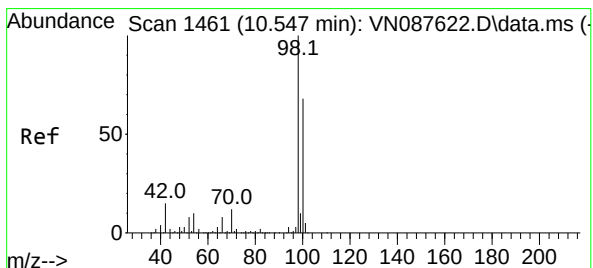
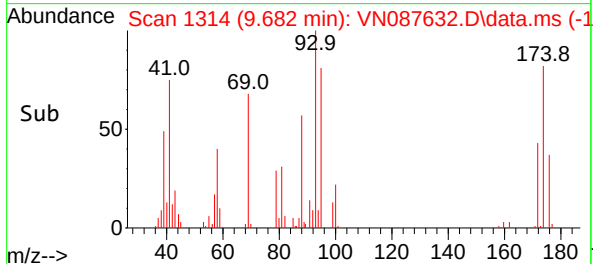
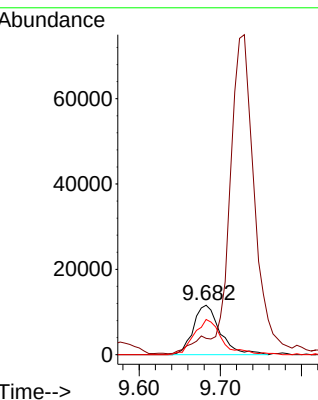
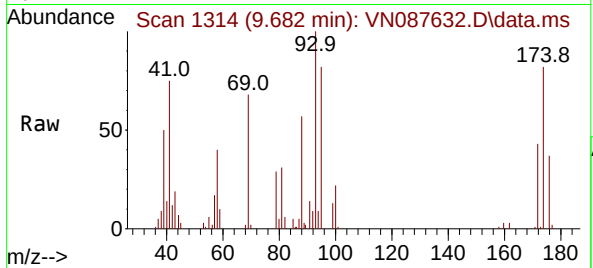
58 72.7 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#50

Toluene-d8

Concen: 45.619 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087632.D

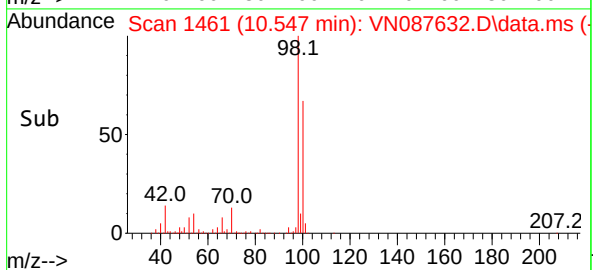
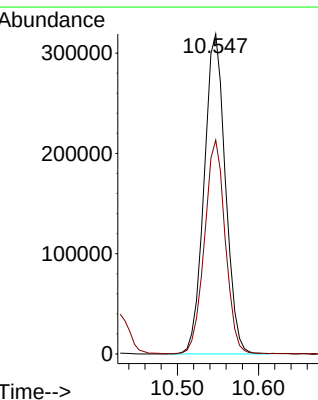
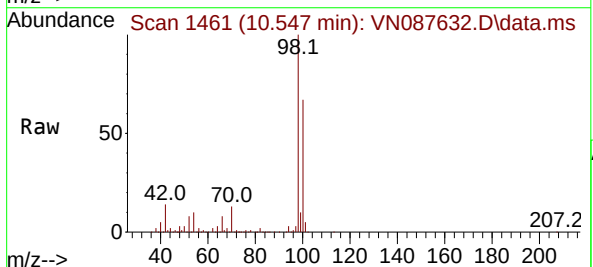
Acq: 22 Aug 2025 11:55

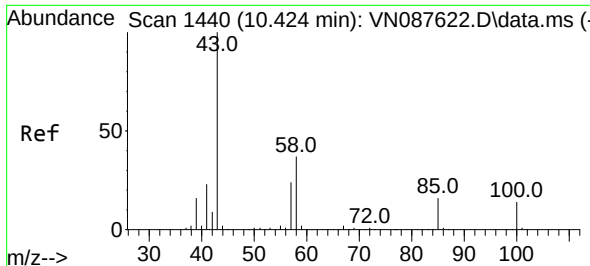
Tgt Ion: 98 Resp: 580898

Ion Ratio Lower Upper

98 100

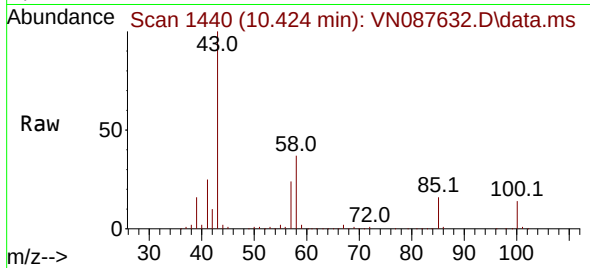
100 65.1 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 85.506 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

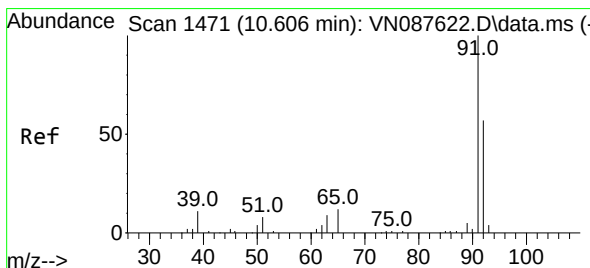
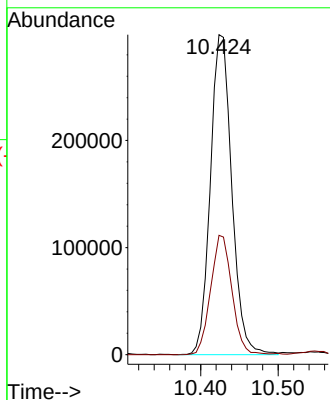
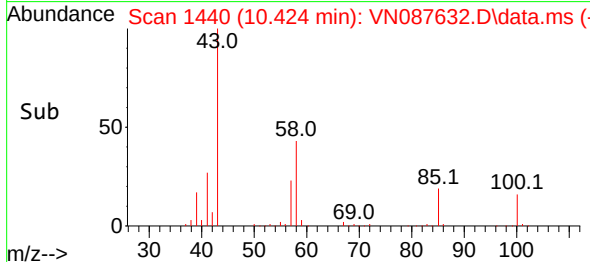
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



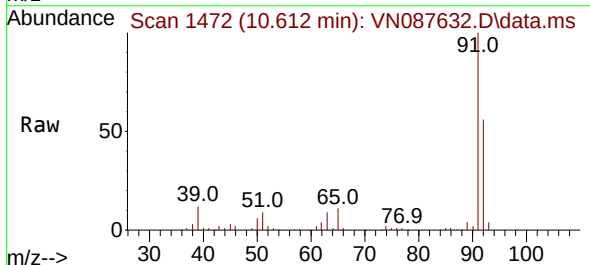
Tgt Ion: 43 Resp: 574459
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4

Manual Integrations
APPROVED

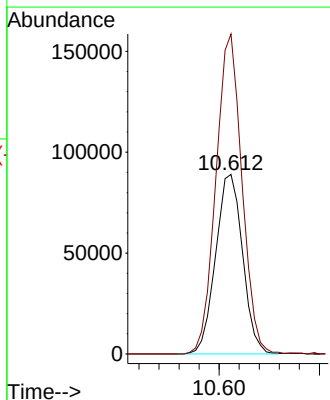
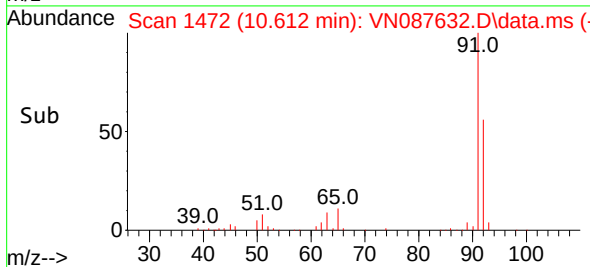
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

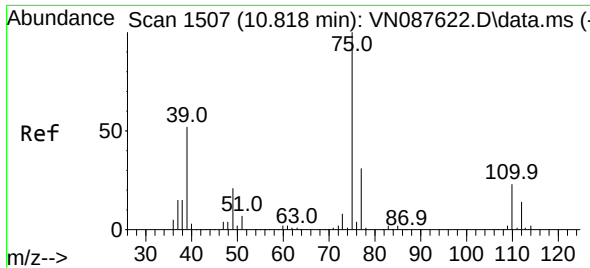


#52
Toluene
Concen: 16.739 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



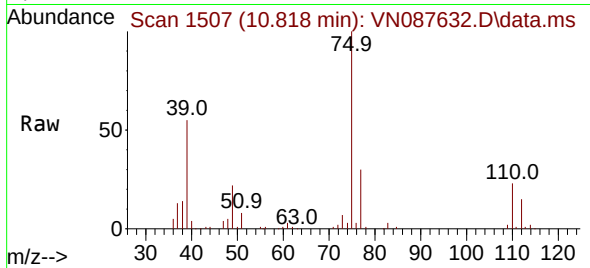
Tgt Ion: 92 Resp: 166125
Ion Ratio Lower Upper
92 100
91 172.4 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 16.482 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

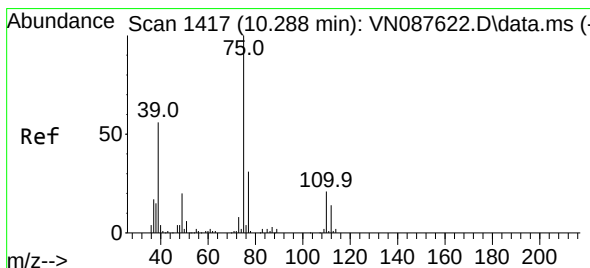
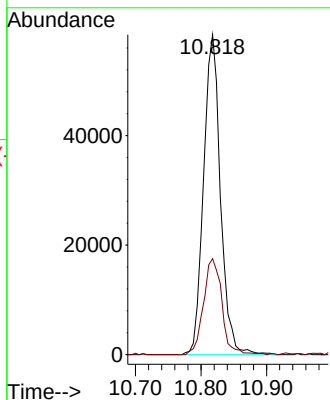
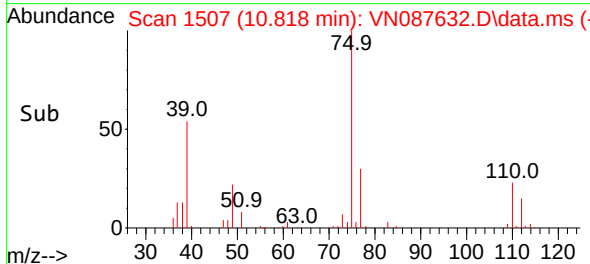
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



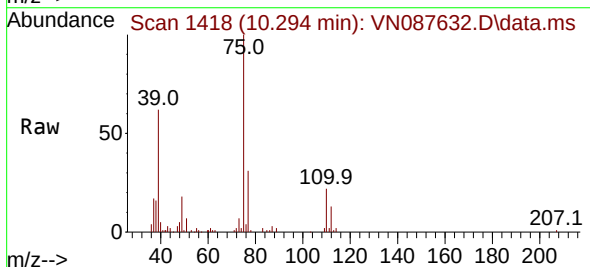
Tgt Ion: 75 Resp: 104990
Ion Ratio Lower Upper
75 100
77 30.0 25.2 37.8

Manual Integrations
APPROVED

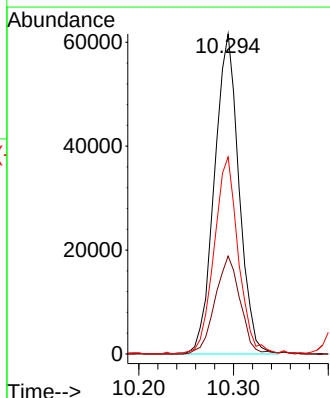
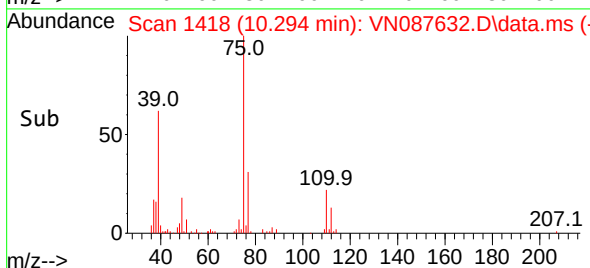
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

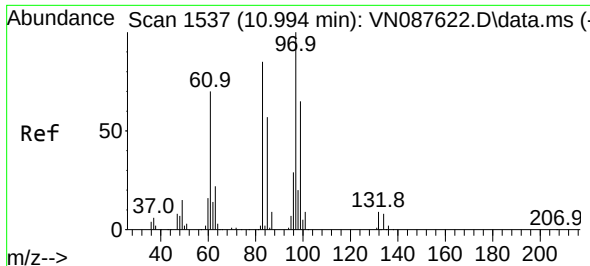


#54
cis-1,3-Dichloropropene
Concen: 16.764 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



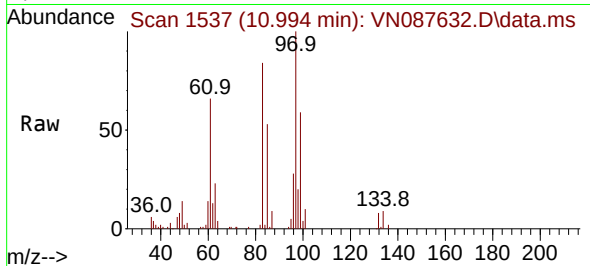
Tgt Ion: 75 Resp: 110884
Ion Ratio Lower Upper
75 100
77 30.6 24.6 37.0
39 61.2 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 17.184 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

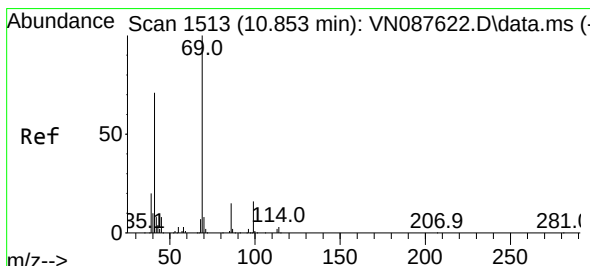
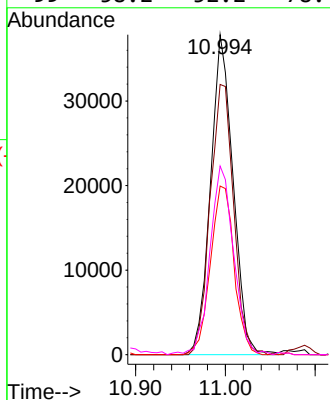
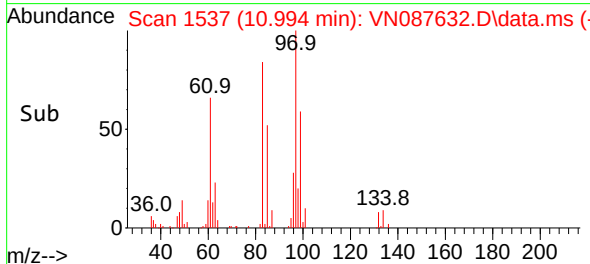
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.4
85	52.7	45.5	68.3
99	58.2	52.2	78.4

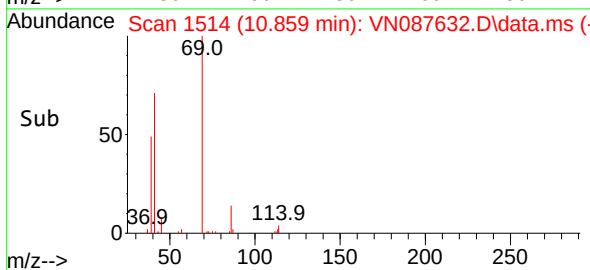
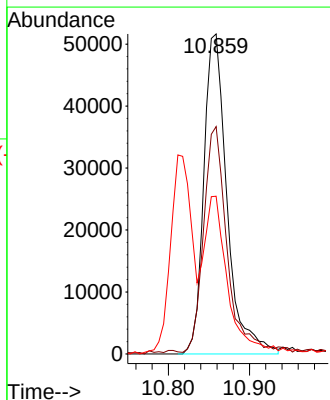
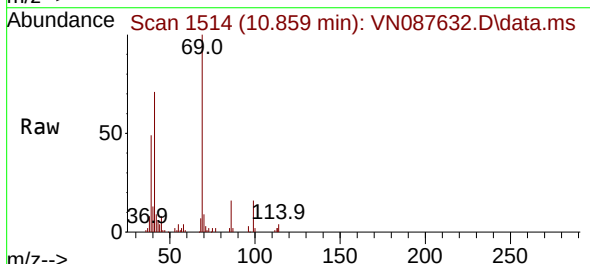
Manual Integrations
APPROVED

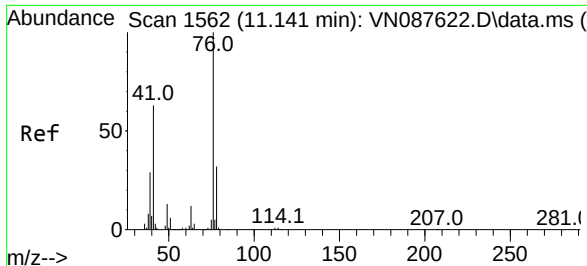
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#56
Ethyl methacrylate
Concen: 16.754 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

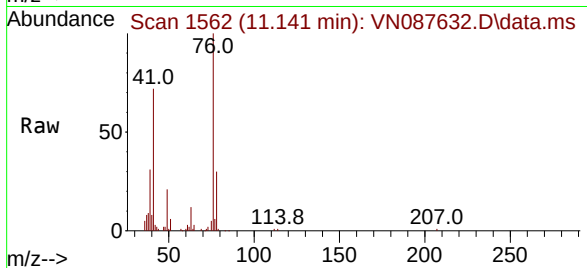
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.5	84.7
39	49.6	34.2	51.4





#57
1,3-Dichloropropane
Concen: 16.305 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

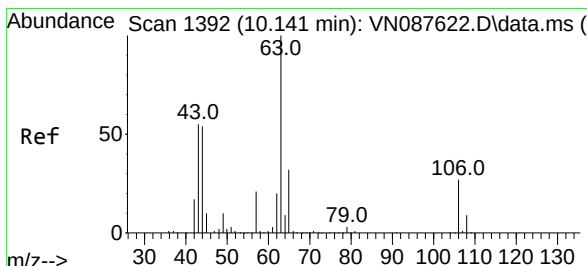
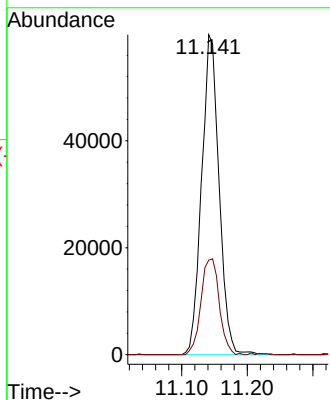
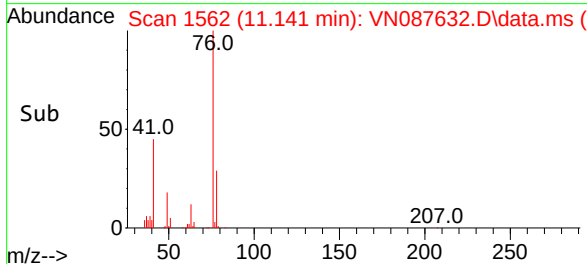
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 76 Resp: 110788
Ion Ratio Lower Upper
76 100
78 31.4 26.2 39.4

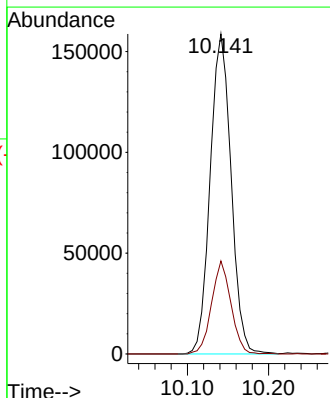
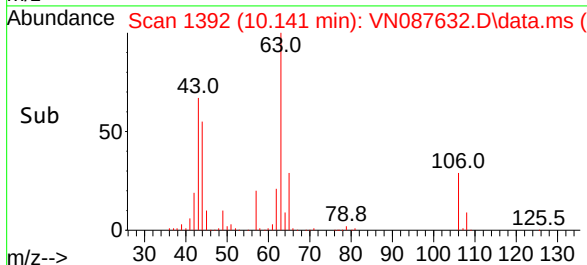
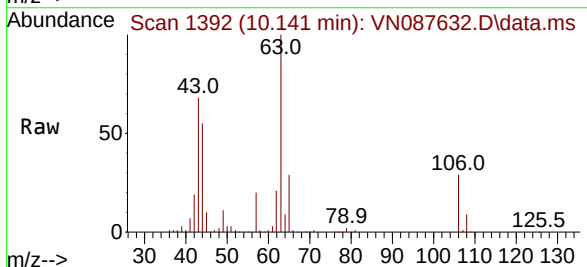
Manual Integrations
APPROVED

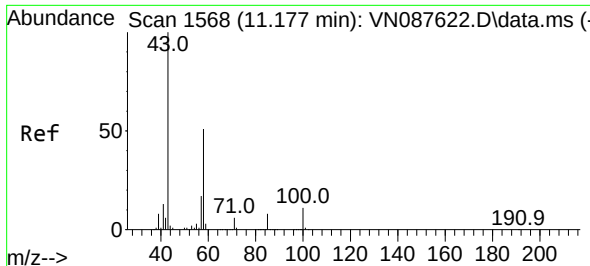
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#58
2-Chloroethyl Vinyl ether
Concen: 85.587 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

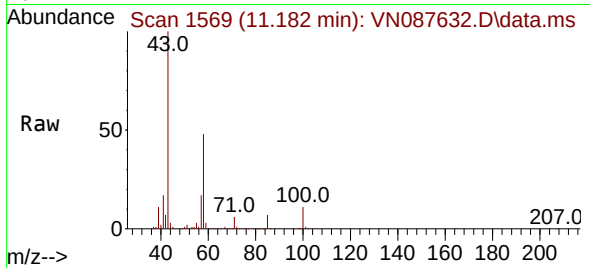
Tgt Ion: 63 Resp: 284226
Ion Ratio Lower Upper
63 100
106 26.9 21.1 31.7





#59
2-Hexanone
Concen: 87.030 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

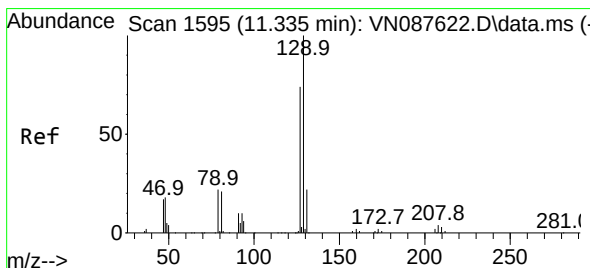
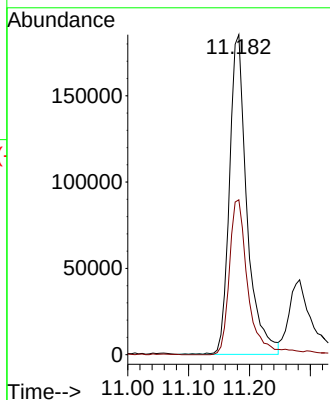
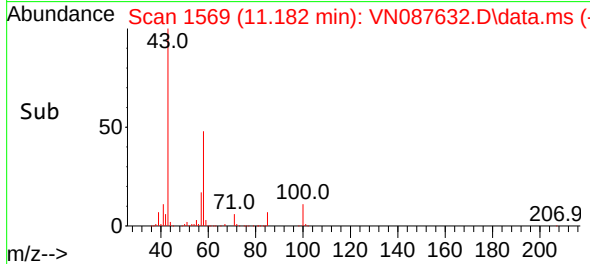
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 43 Resp: 369530
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8

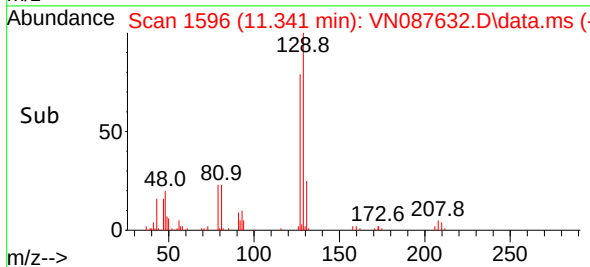
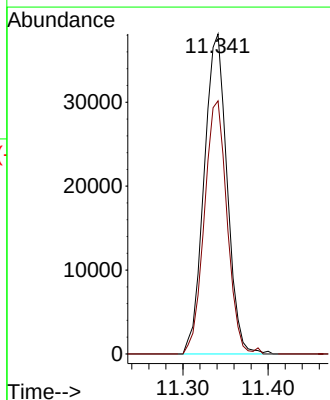
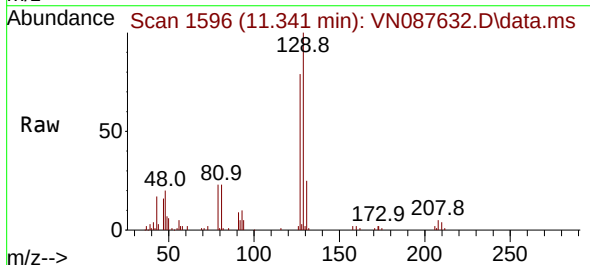
Manual Integrations
APPROVED

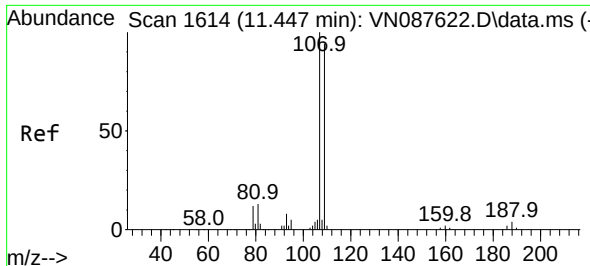
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#60
Dibromochloromethane
Concen: 16.087 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

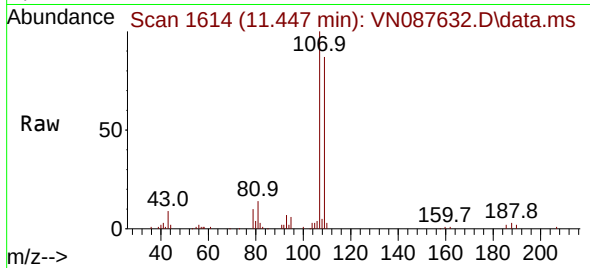
Tgt Ion:129 Resp: 71563
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3





#61
1,2-Dibromoethane
Concen: 16.625 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

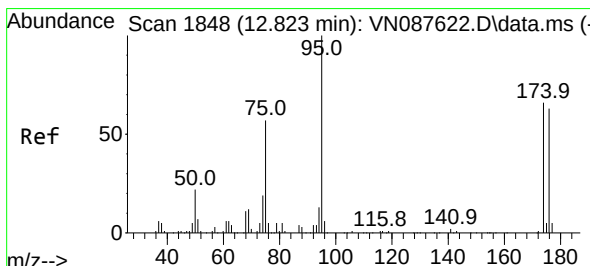
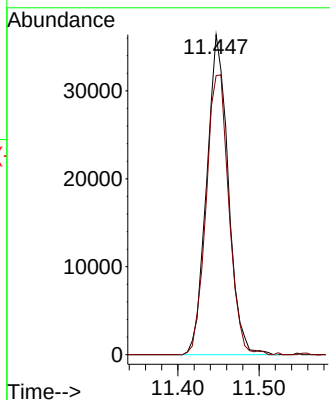
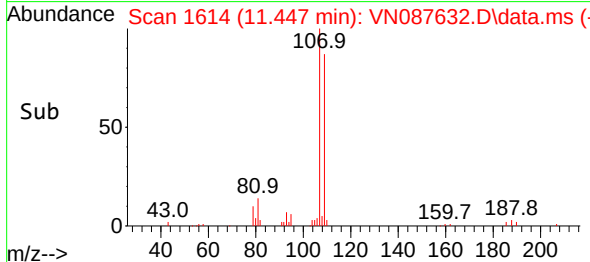
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion:107 Resp: 6730
Ion Ratio Lower Upper
107 100
109 92.2 74.7 112.1

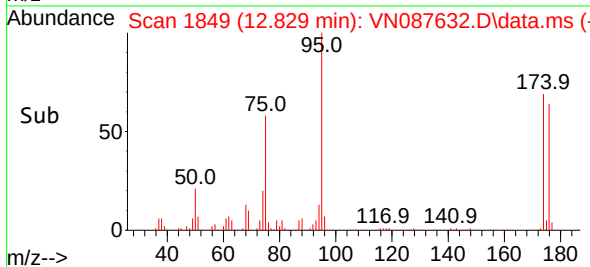
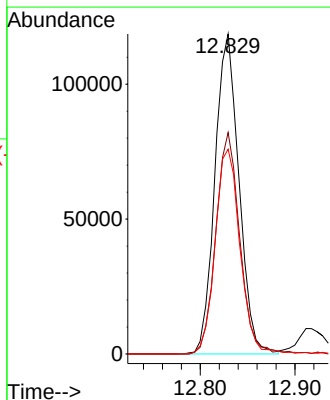
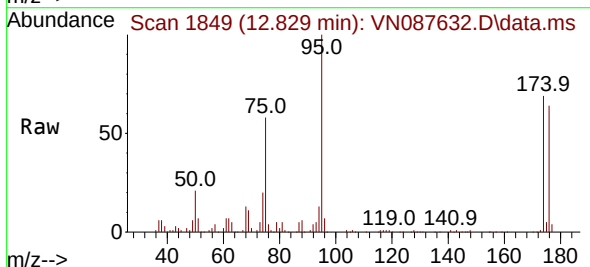
Manual Integrations
APPROVED

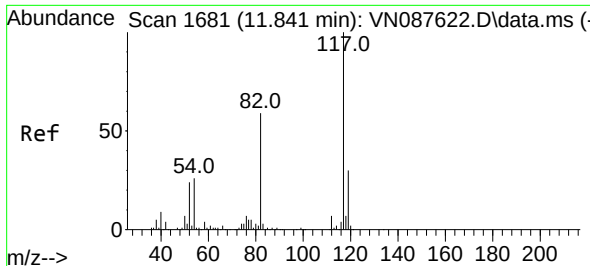
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#62
4-Bromofluorobenzene
Concen: 46.197 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

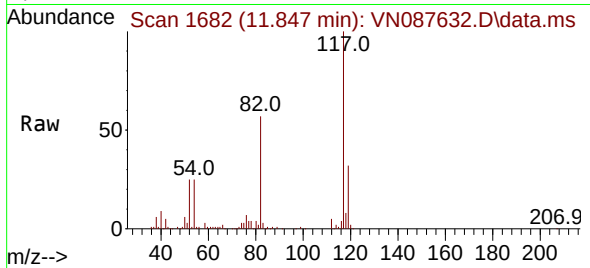
Tgt Ion: 95 Resp: 209206
Ion Ratio Lower Upper
95 100
174 68.8 0.0 138.4
176 66.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

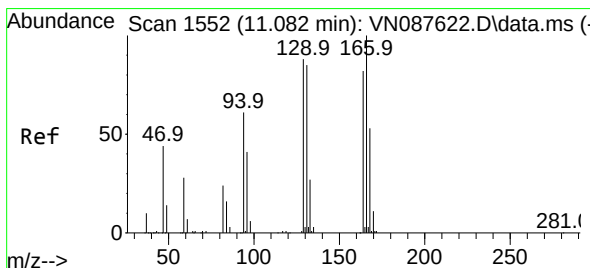
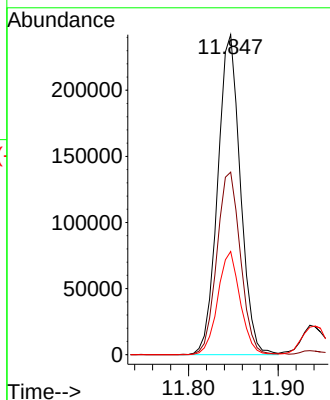
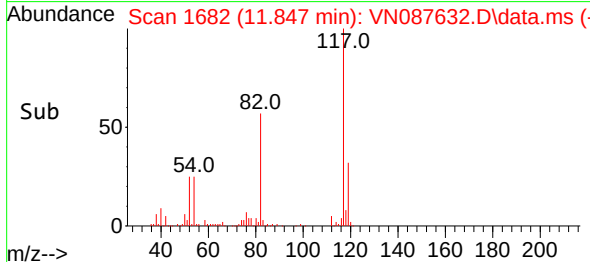
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



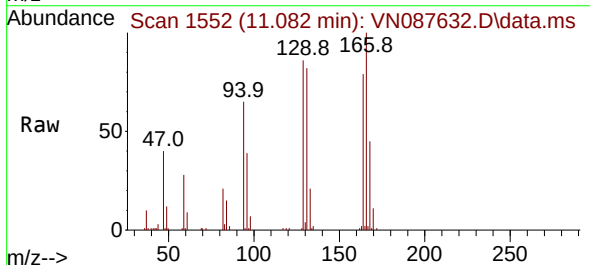
Tgt Ion:117 Resp: 424434
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.3 24.3 36.5

Manual Integrations
APPROVED

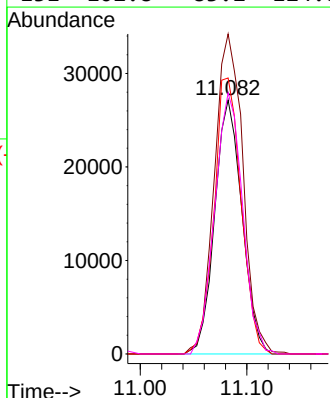
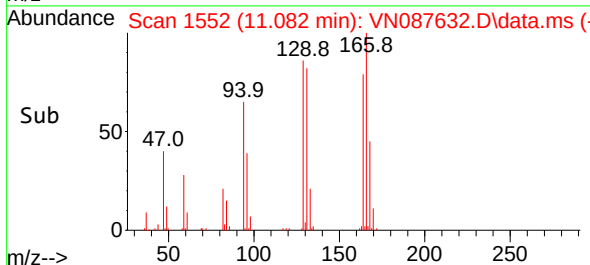
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

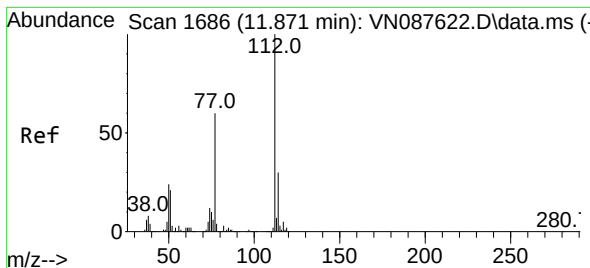


#64
Tetrachloroethene
Concen: 16.353 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



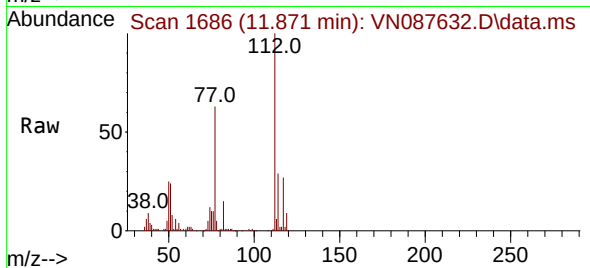
Tgt Ion:164 Resp: 48154
Ion Ratio Lower Upper
164 100
166 126.0 97.7 146.5
129 108.7 85.9 128.9
131 102.8 83.2 124.8





#65
Chlorobenzene
Concen: 16.746 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

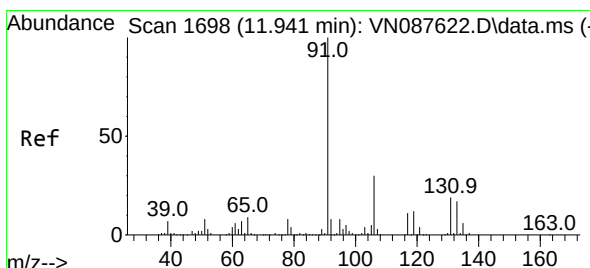
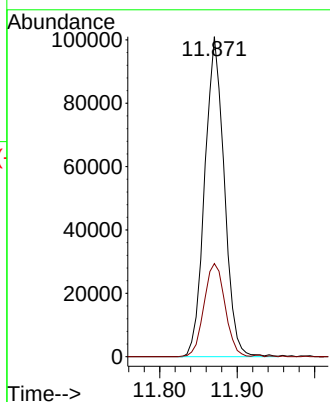
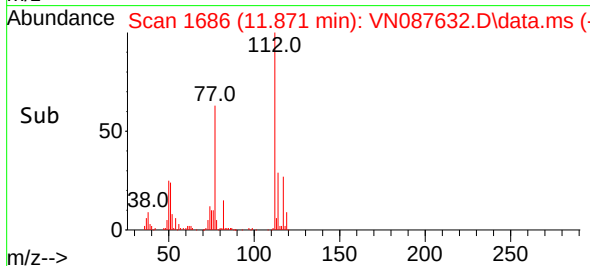
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



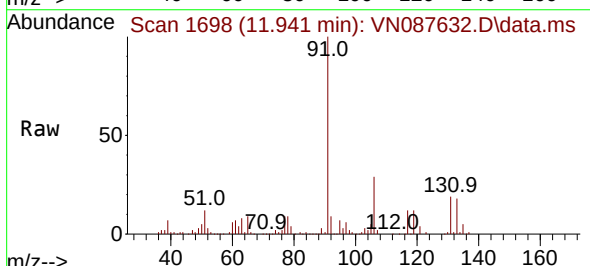
Tgt Ion:112 Resp: 176830
Ion Ratio Lower Upper
112 100
114 29.1 24.3 36.5

Manual Integrations
APPROVED

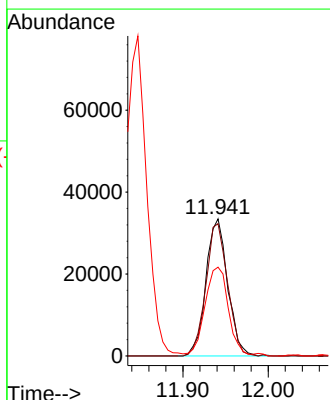
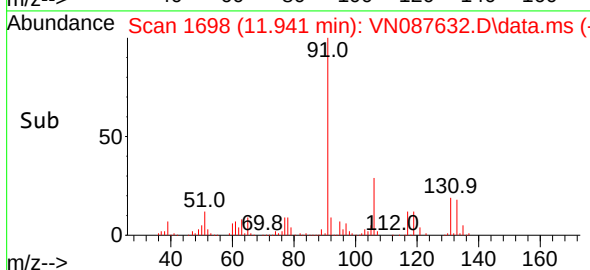
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

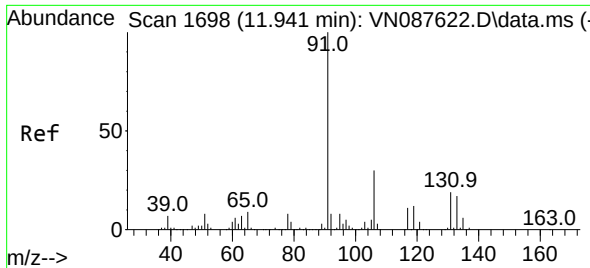


#66
1,1,1,2-Tetrachloroethane
Concen: 16.879 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



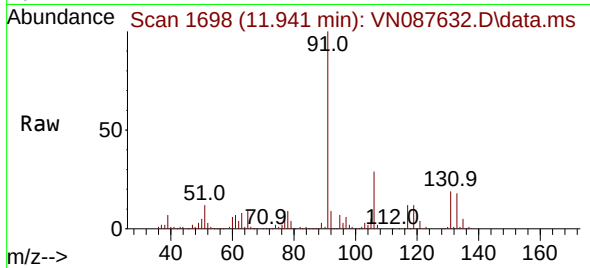
Tgt Ion:131 Resp: 59170
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.0
119 70.5 32.6 97.7





#67
Ethyl Benzene
Concen: 17.118 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

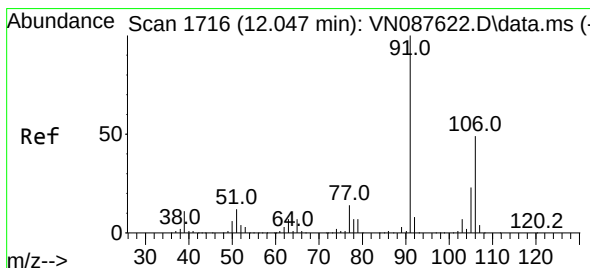
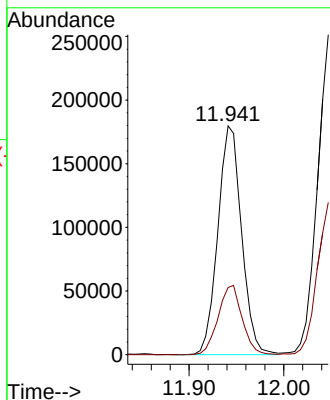
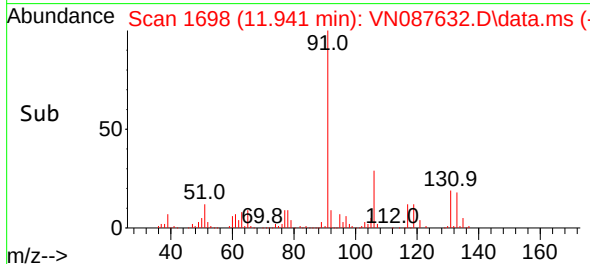
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



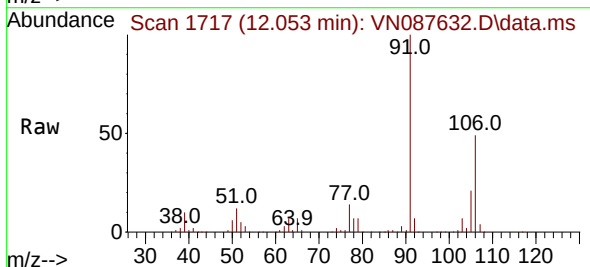
Tgt Ion: 91 Resp: 312969
Ion Ratio Lower Upper
91 100
106 29.3 24.1 36.1

Manual Integrations
APPROVED

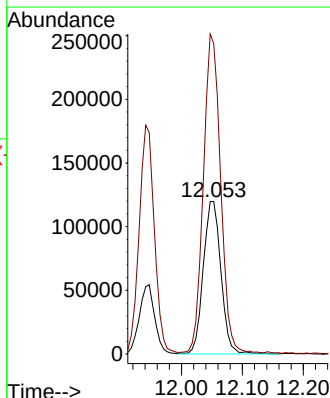
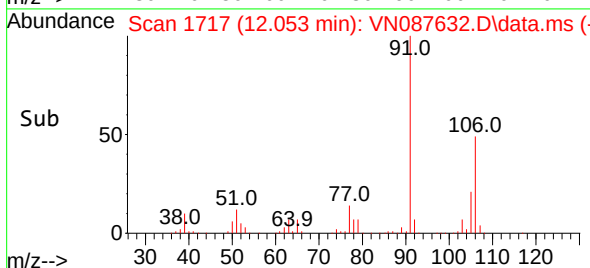
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

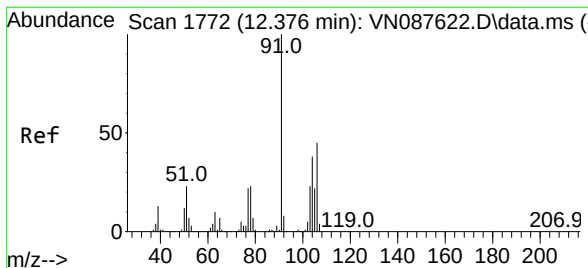


#68
m/p-Xylenes
Concen: 36.037 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



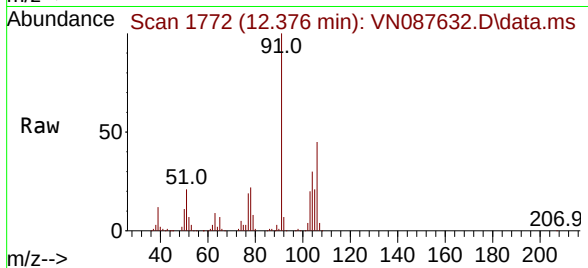
Tgt Ion:106 Resp: 241629
Ion Ratio Lower Upper
106 100
91 203.8 169.3 253.9





#69
o-Xylene
Concen: 17.249 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

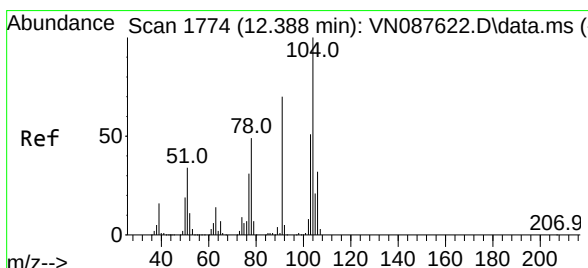
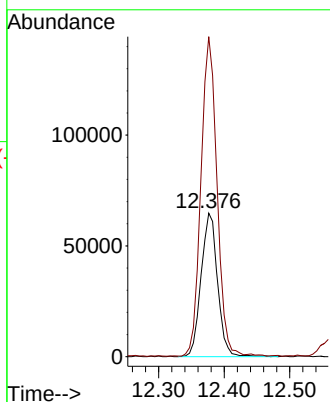
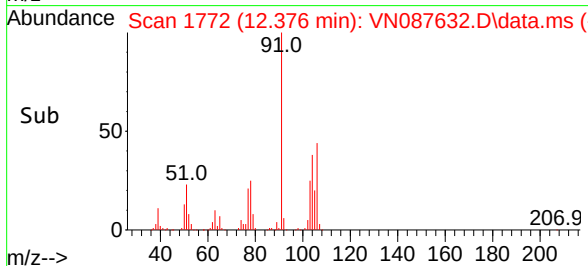
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion:106 Resp: 11334
Ion Ratio Lower Upper
106 100
91 217.7 111.4 334.2

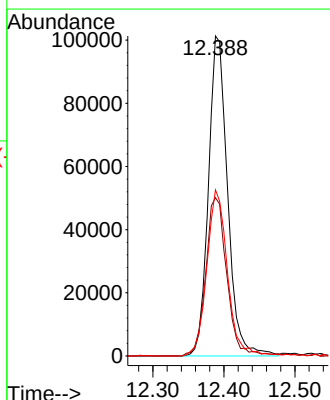
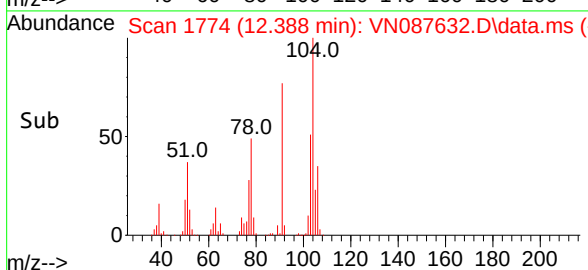
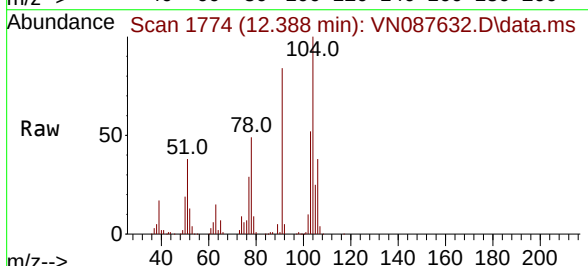
Manual Integrations
APPROVED

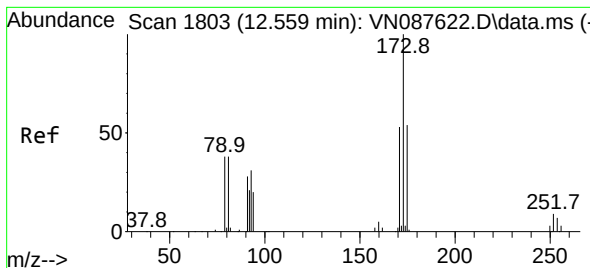
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#70
Styrene
Concen: 17.272 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

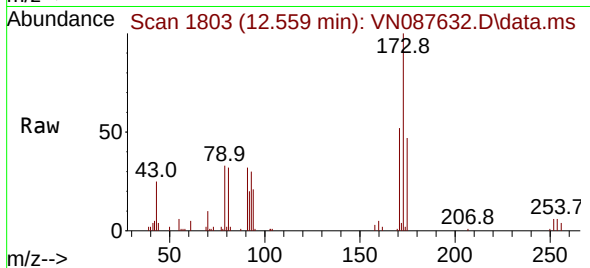
Tgt Ion:104 Resp: 190135
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.2
103 55.8 43.4 65.2





#71
Bromoform
Concen: 17.054 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

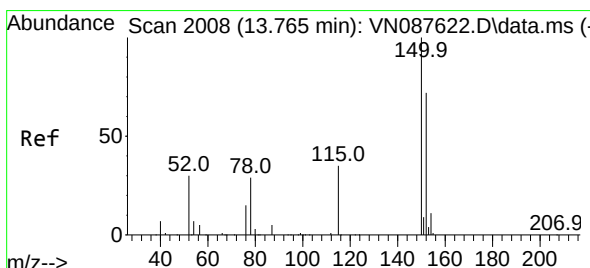
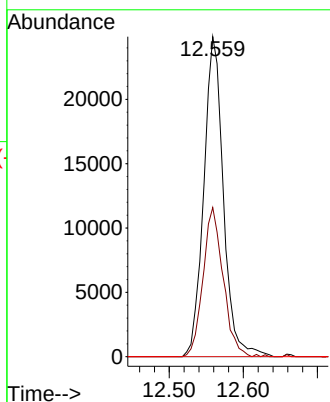
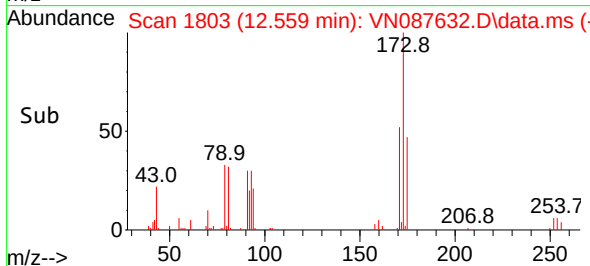
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



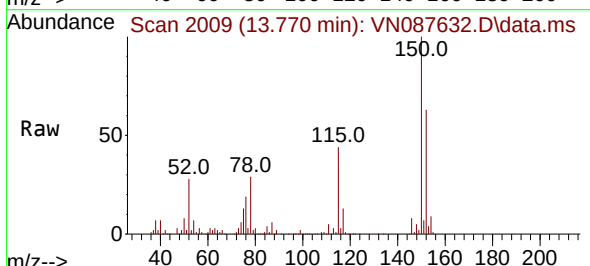
Tgt Ion:173 Resp: 45850
Ion Ratio Lower Upper
173 100
175 47.4 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

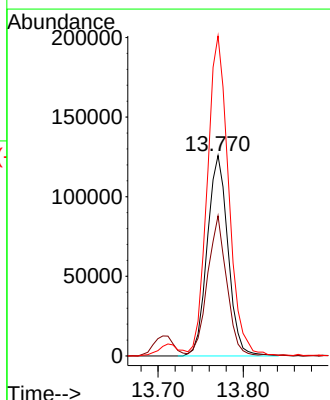
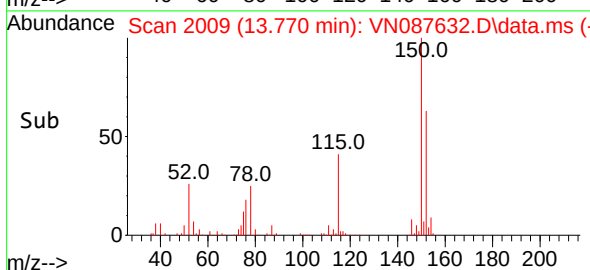
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

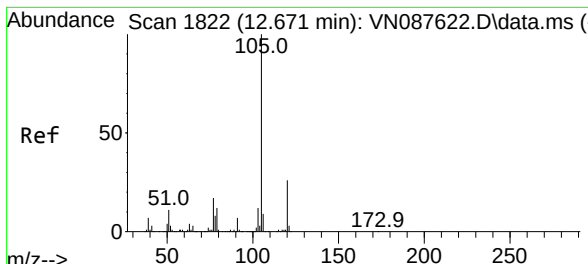


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



Tgt Ion:152 Resp: 212929
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 164.0 0.0 351.0





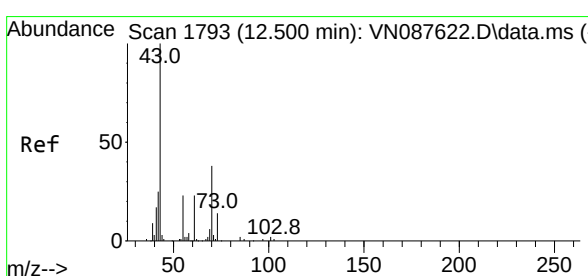
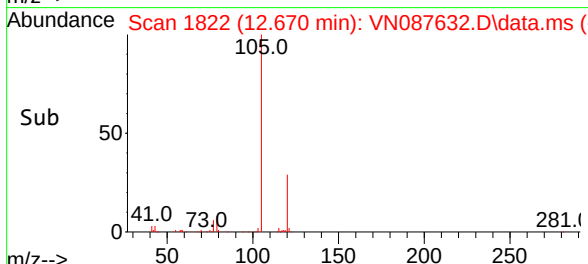
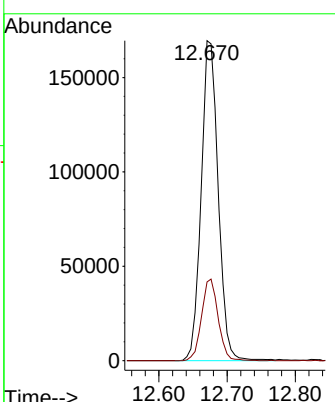
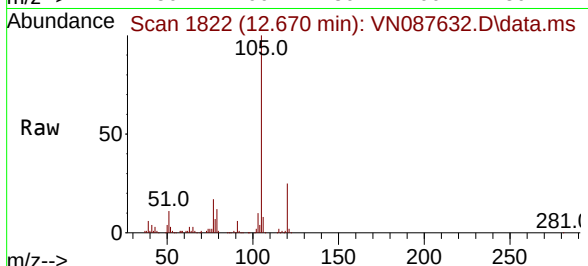
#73
Isopropylbenzene
Concen: 17.104 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Instrument : MSVOA_N
ClientSampleId : VN0822WBSD01

Tgt Ion: 105 Resp: 29428

Ion	Ratio	Lower	Upper
105	100		
120	24.8	12.8	38.3

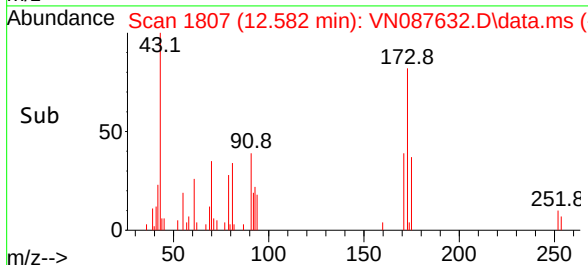
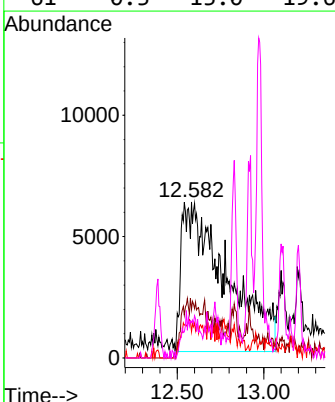
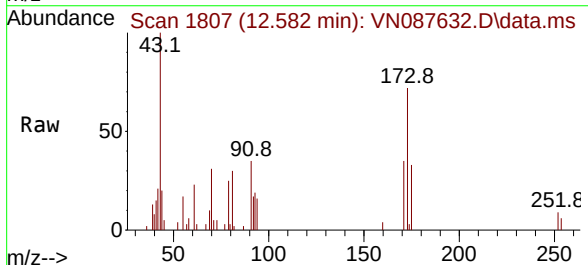
Manual Integrations
APPROVED
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

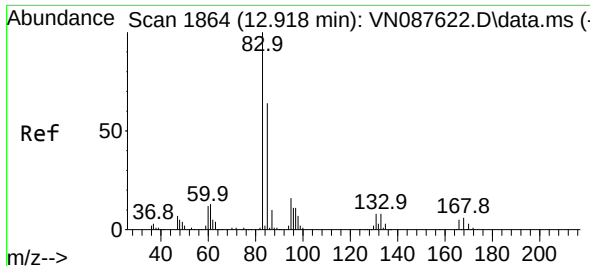


#74
N-ethyl acetate
Concen: 16.965 ug/l m
RT: 12.582 min Scan# 1807
Delta R.T. 0.082 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Tgt Ion: 43 Resp: 110619

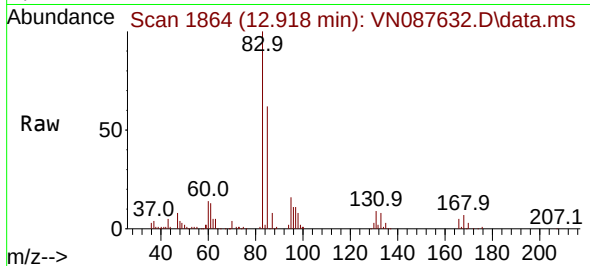
Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.6	41.4#
55	0.0	13.0	19.6#
61	0.3	13.0	19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 16.993 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

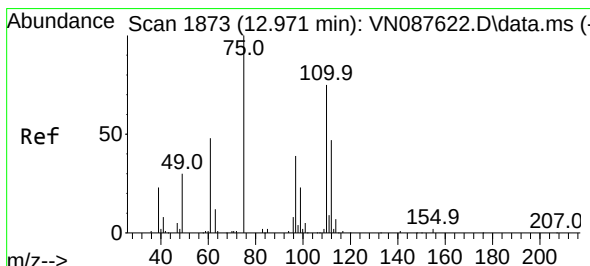
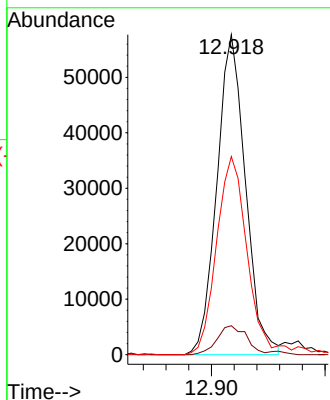
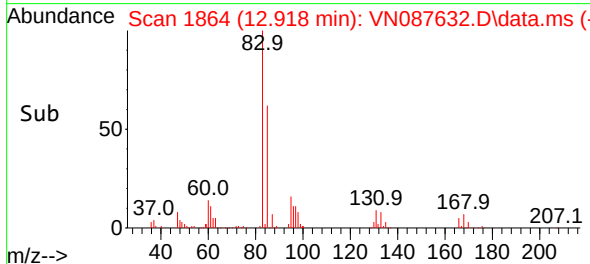
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



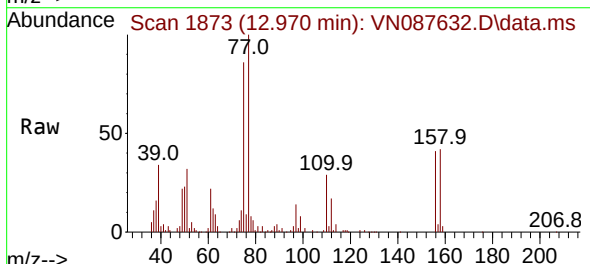
Tgt Ion: 83 Resp: 100662
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 68.1 32.1 96.3

Manual Integrations
APPROVED

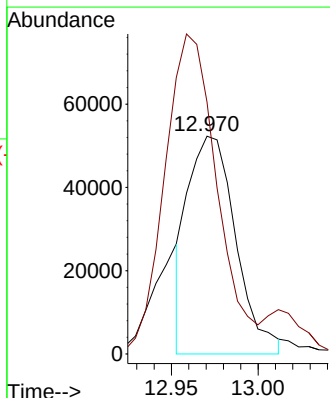
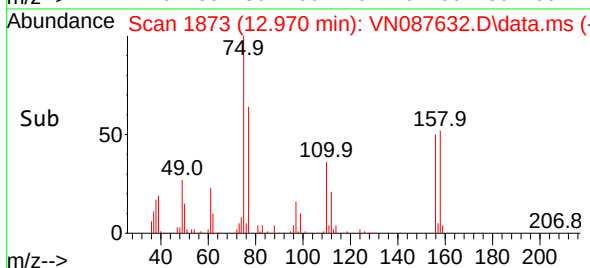
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

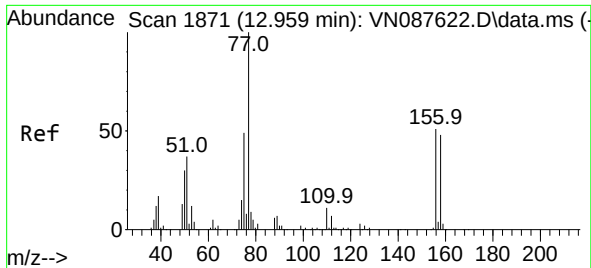


#76
1,2,3-Trichloropropane
Concen: 20.024 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55



Tgt Ion: 75 Resp: 99988
Ion Ratio Lower Upper
75 100
77 161.7 89.1 267.4





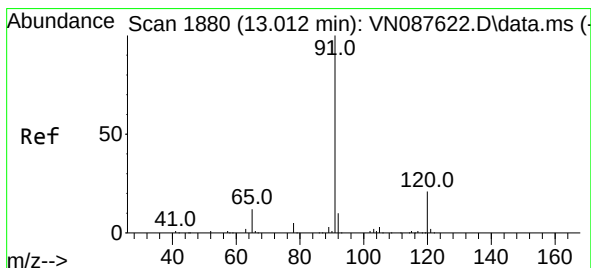
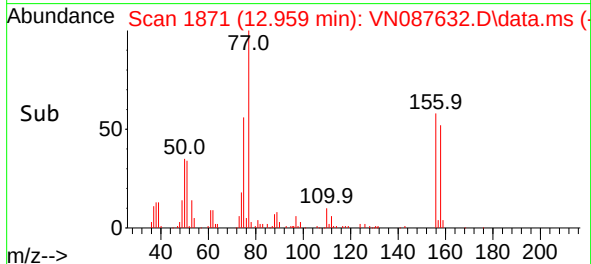
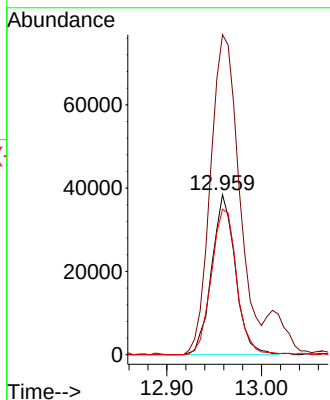
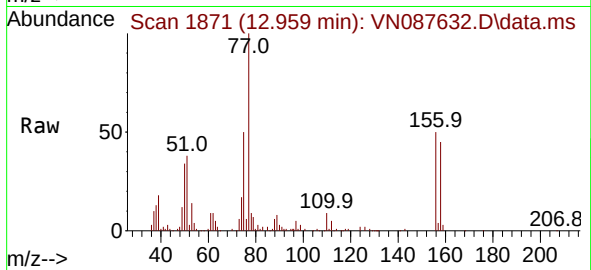
#77
Bromobenzene
Concen: 16.396 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01

Tgt Ion:156 Resp: 66510
Ion Ratio Lower Upper
156 100
77 243.1 119.3 358.0
158 97.7 48.2 144.6

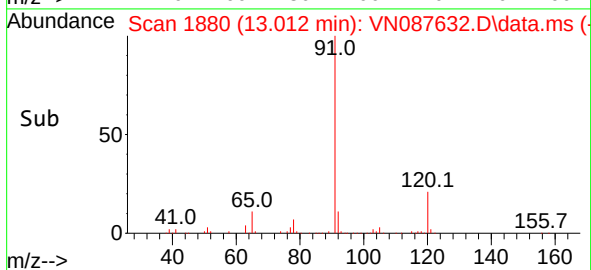
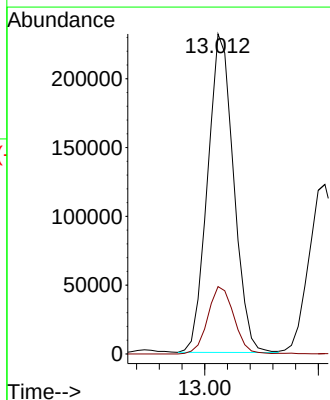
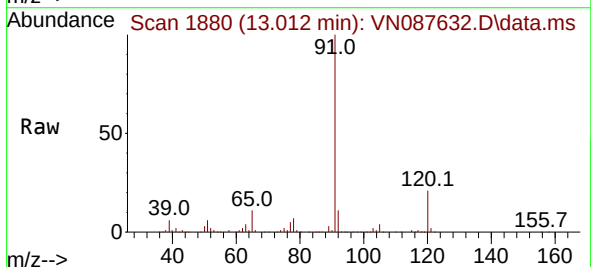
Manual Integrations
APPROVED

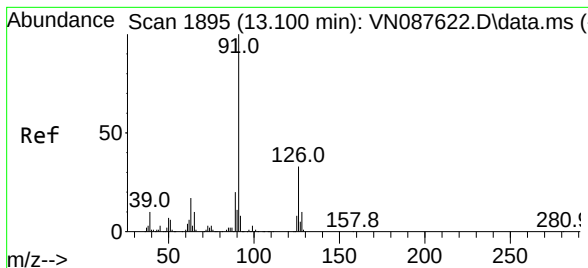
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#78
n-propylbenzene
Concen: 17.449 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

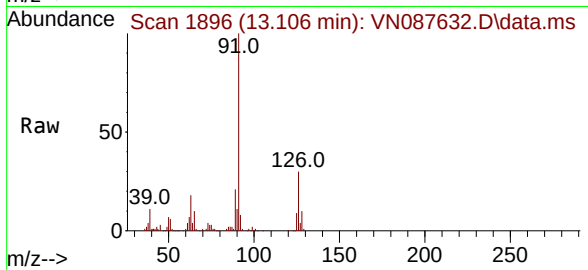
Tgt Ion: 91 Resp: 369811
Ion Ratio Lower Upper
91 100
120 21.1 10.7 32.1





#79
2-Chlorotoluene
Concen: 17.015 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

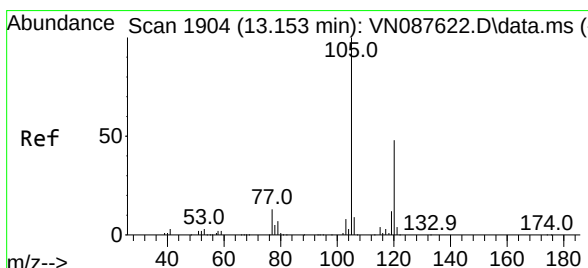
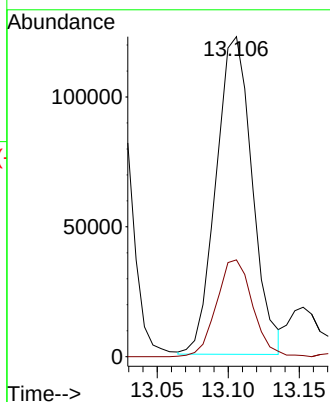
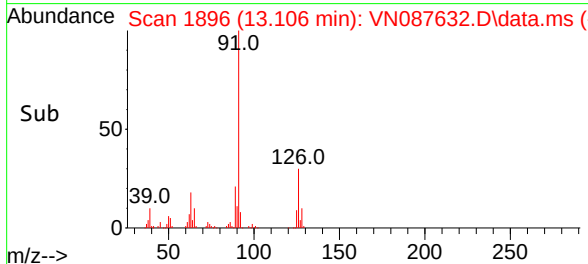
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 91 Resp: 217014
Ion Ratio Lower Upper
91 100
126 30.4 16.1 48.3

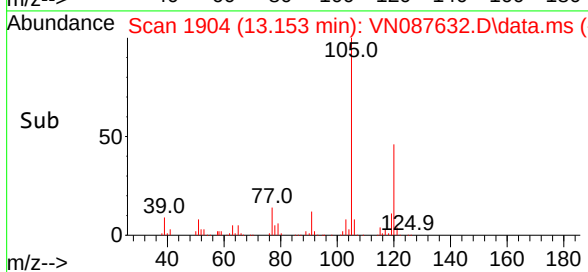
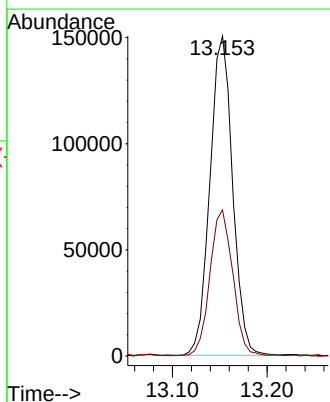
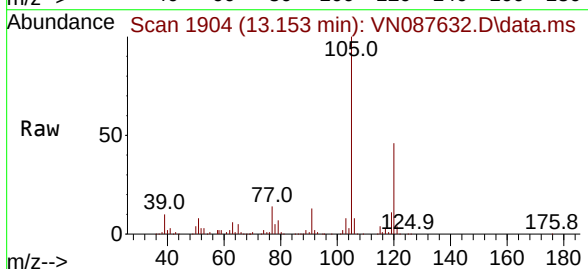
Manual Integrations
APPROVED

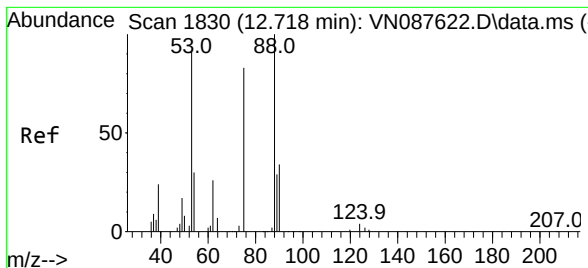
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.151 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

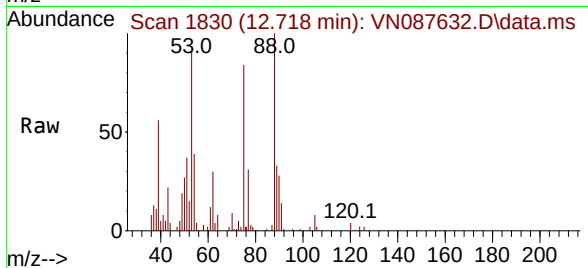
Tgt Ion:105 Resp: 250341
Ion Ratio Lower Upper
105 100
120 45.9 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 15.058 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

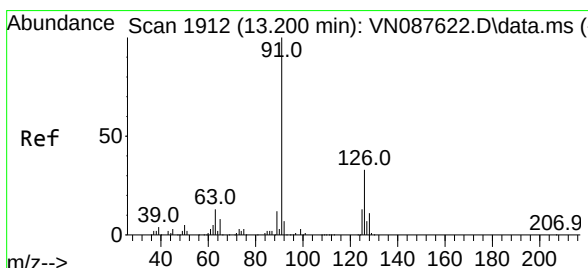
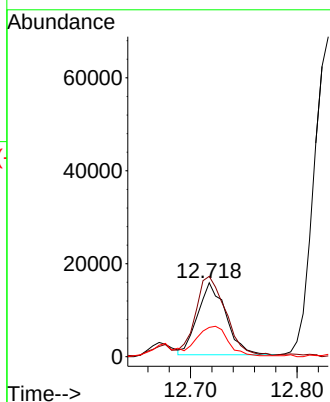
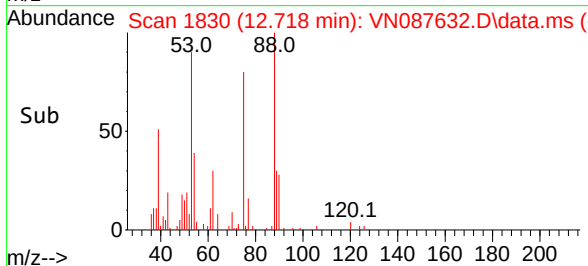
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion: 75 Resp: 2840
Ion Ratio Lower Upper
75 100
53 123.3 101.8 152.6
89 47.0 35.6 53.4

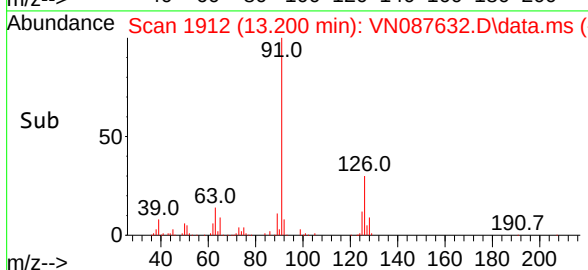
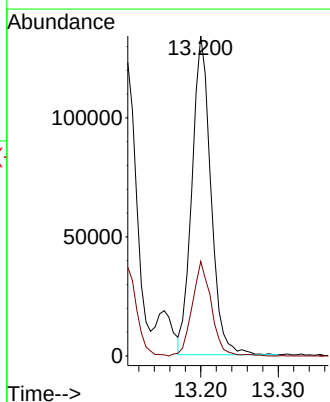
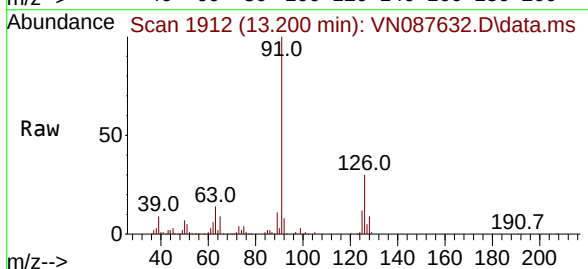
Manual Integrations
APPROVED

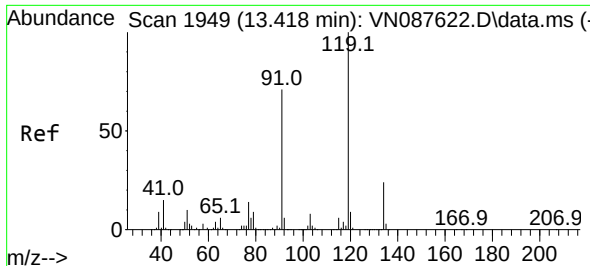
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#82
4-Chlorotoluene
Concen: 16.868 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

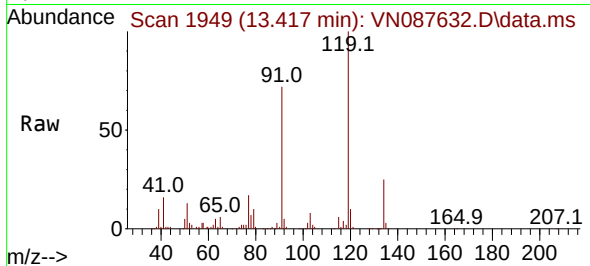
Tgt Ion: 91 Resp: 226186
Ion Ratio Lower Upper
91 100
126 29.9 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 17.298 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087632.D
 Acq: 22 Aug 2025 11:55

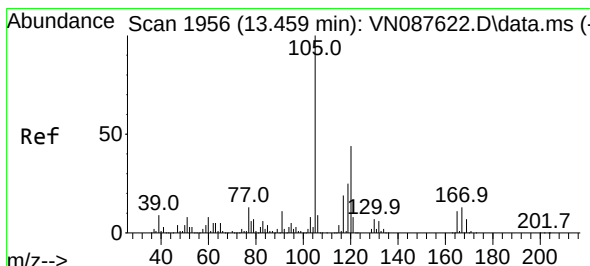
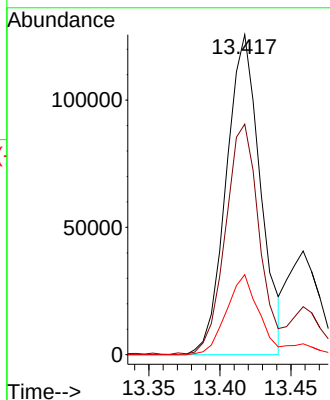
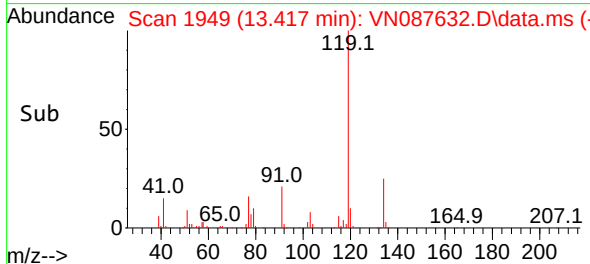
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBSD01



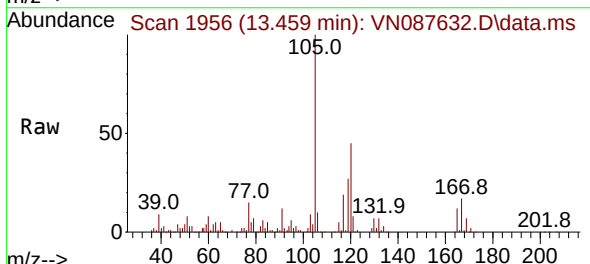
Tgt Ion:119 Resp: 210390
 Ion Ratio Lower Upper
 119 100
 91 70.9 35.0 105.0
 134 24.1 12.6 37.8

Manual Integrations
 APPROVED

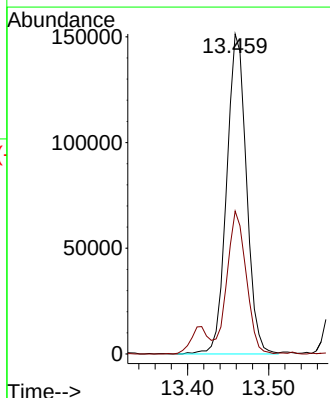
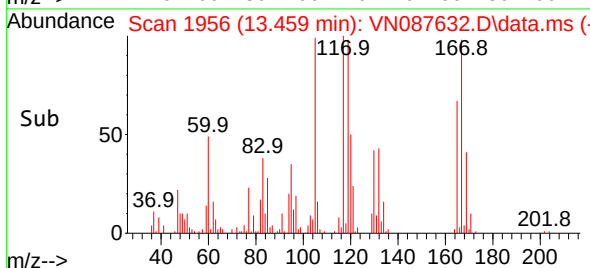
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

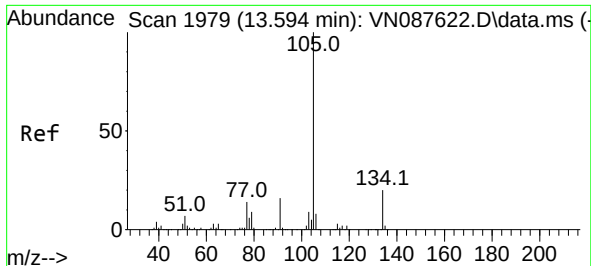


#84
 1,2,4-Trimethylbenzene
 Concen: 17.515 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087632.D
 Acq: 22 Aug 2025 11:55



Tgt Ion:105 Resp: 255928
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.0 66.0





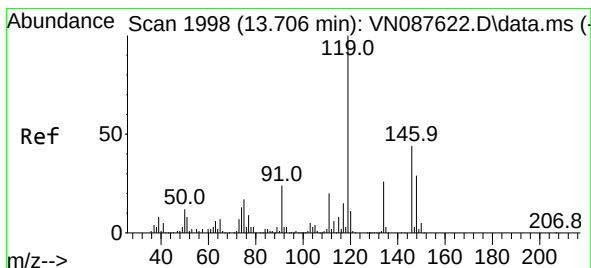
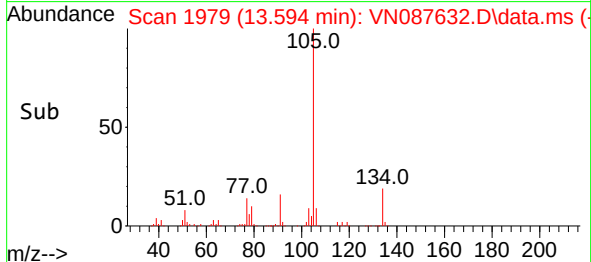
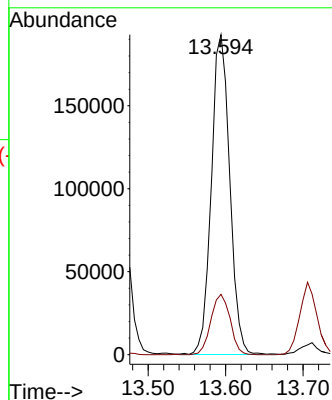
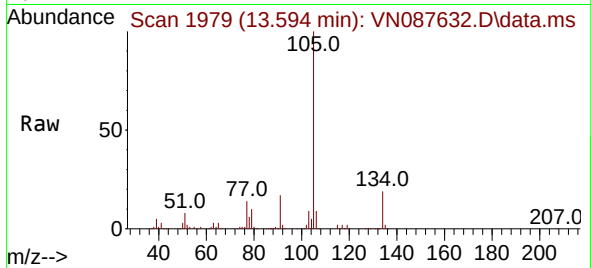
#85
sec-Butylbenzene
Concen: 17.616 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01

Tgt Ion:105 Resp: 317980
Ion Ratio Lower Upper
105 100
134 19.7 9.6 28.6

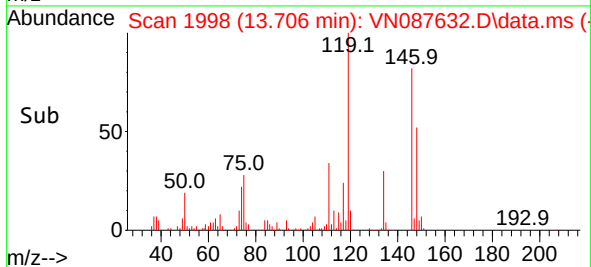
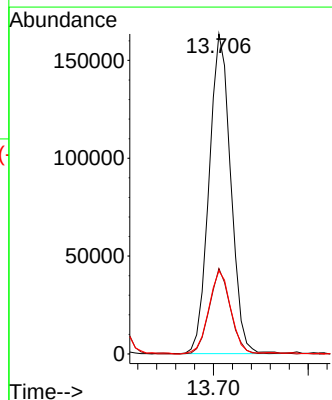
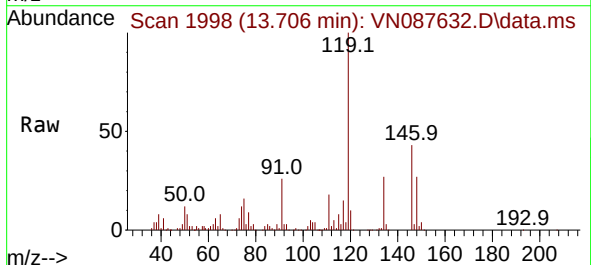
Manual Integrations
APPROVED

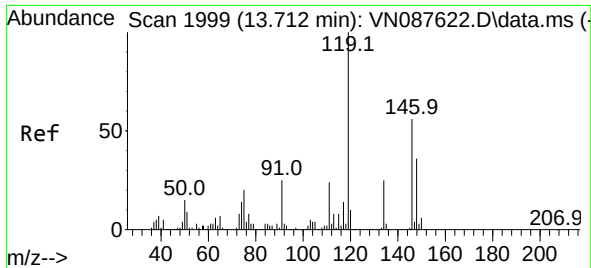
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#86
p-Isopropyltoluene
Concen: 17.413 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Tgt Ion:119 Resp: 259536
Ion Ratio Lower Upper
119 100
134 25.9 12.7 38.0
91 26.5 12.5 37.5





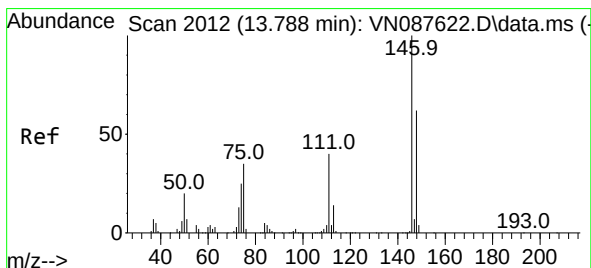
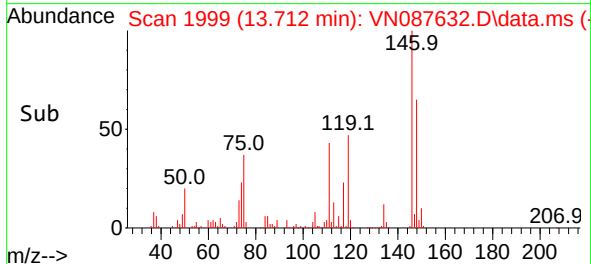
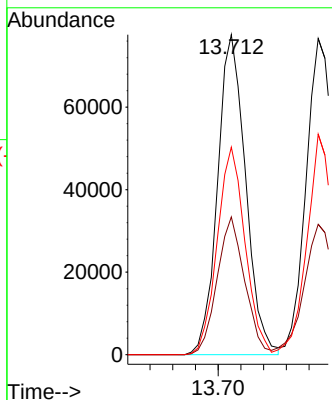
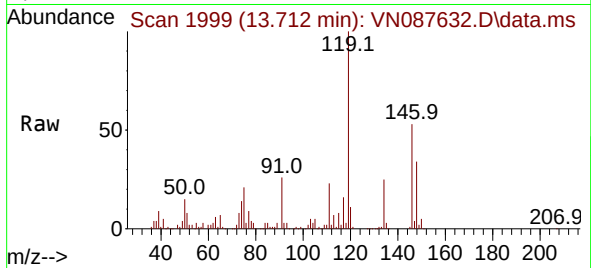
#87
1,3-Dichlorobenzene
Concen: 16.651 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01

Tgt Ion:146 Resp: 13303
Ion Ratio Lower Upper
146 100
111 42.4 22.1 66.5
148 64.5 32.0 96.2

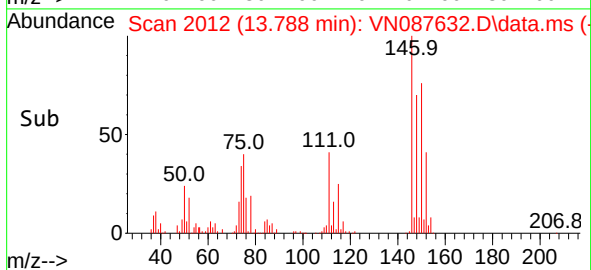
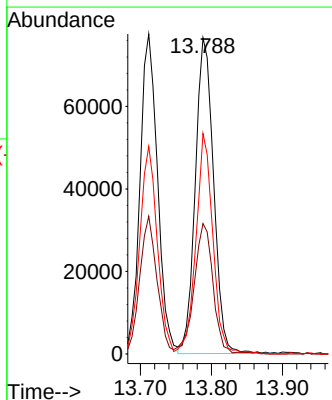
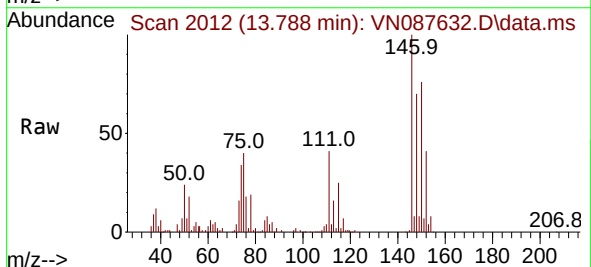
Manual Integrations
APPROVED

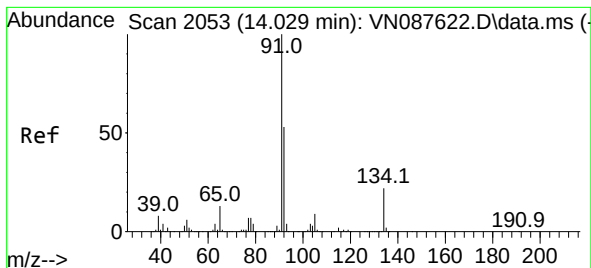
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#88
1,4-Dichlorobenzene
Concen: 16.506 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Tgt Ion:146 Resp: 137233
Ion Ratio Lower Upper
146 100
111 41.7 21.0 63.0
148 65.2 32.0 96.0





#89

n-Butylbenzene

Concen: 17.432 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBSD01

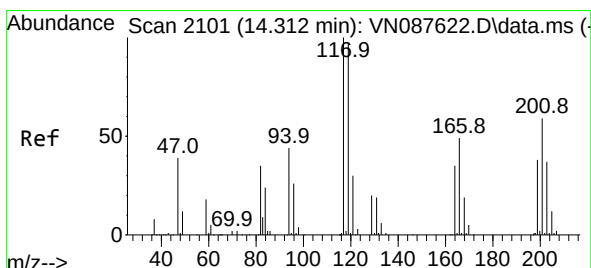
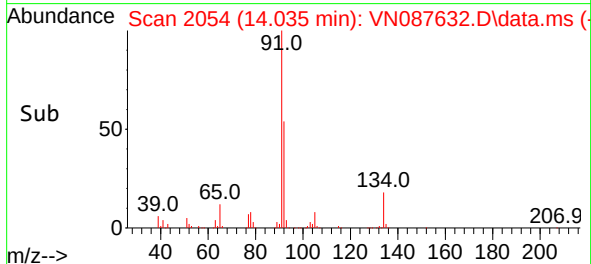
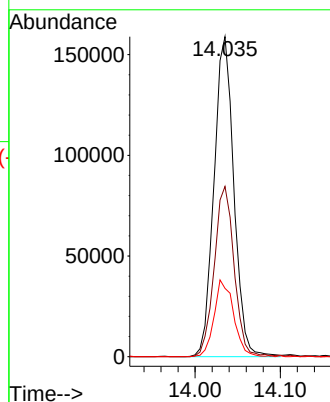
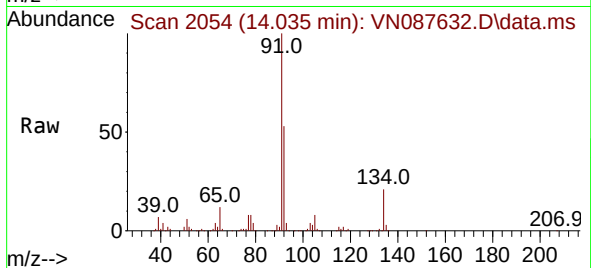
Tgt Ion:	91	Resp:	25804
Ion Ratio	Lower	Upper	
91	100		
92	53.2	25.9	77.8
134	23.5	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#90

Hexachloroethane

Concen: 16.928 ug/l

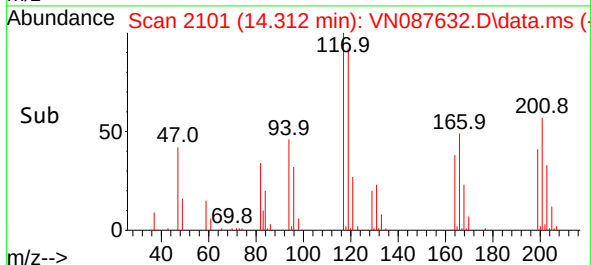
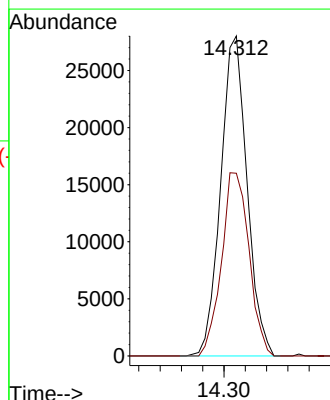
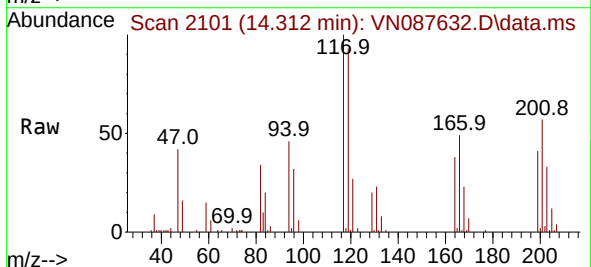
RT: 14.312 min Scan# 2101

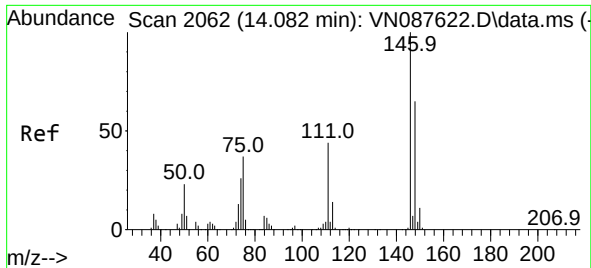
Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

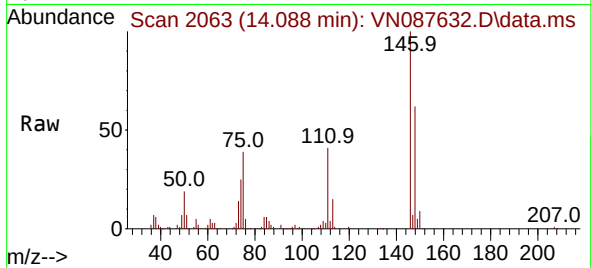
Tgt Ion:	117	Resp:	48070
Ion Ratio	Lower	Upper	
117	100		
201	59.8	29.1	87.4





#91
1,2-Dichlorobenzene
Concen: 16.703 ug/l
RT: 14.088 min Scan# 2062
Delta R.T. 0.006 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

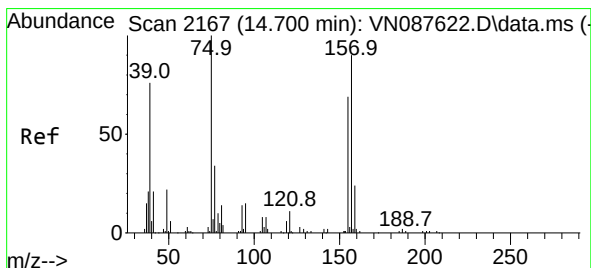
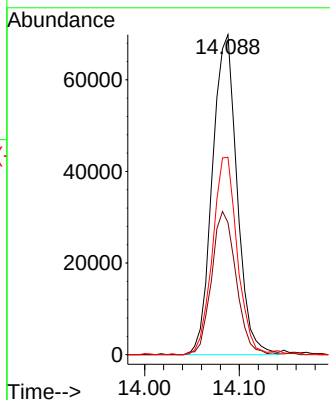
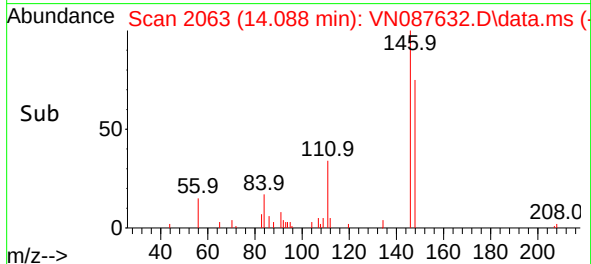
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBSD01



Tgt Ion:146 Resp: 126600
Ion Ratio Lower Upper
146 100
111 44.8 22.6 67.8
148 62.6 31.9 95.9

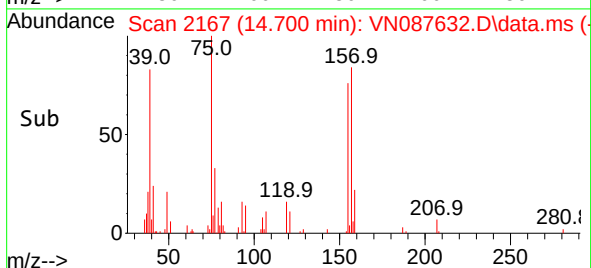
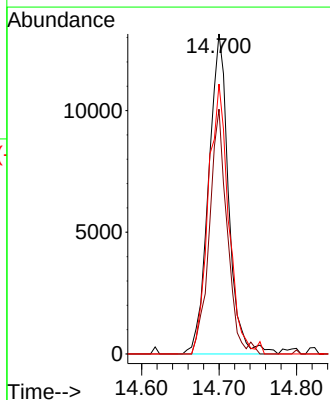
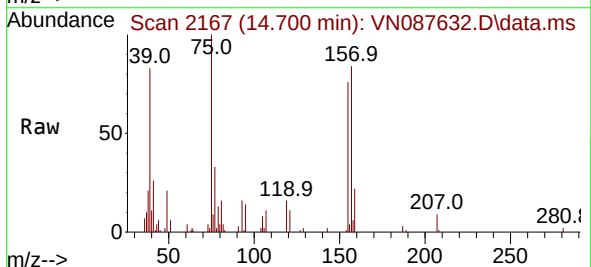
Manual Integrations
APPROVED

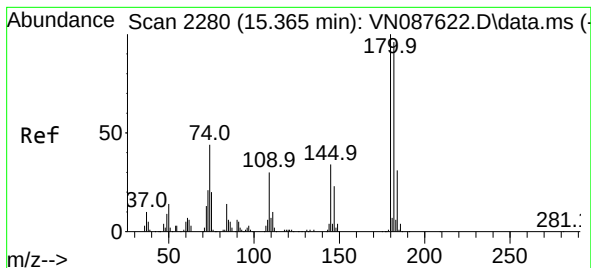
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.729 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087632.D
Acq: 22 Aug 2025 11:55

Tgt Ion: 75 Resp: 23542
Ion Ratio Lower Upper
75 100
155 67.9 36.6 109.9
157 86.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 16.982 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBSD01

Tgt Ion:180 Resp: 7729

Ion Ratio Lower Upper

180 100

182 91.0 47.6 142.9

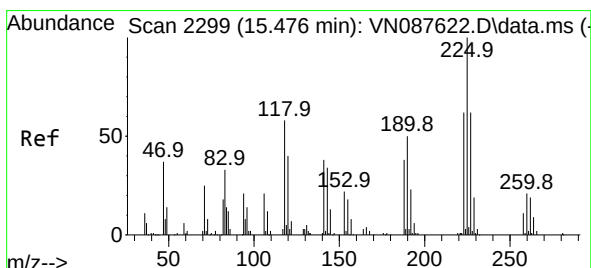
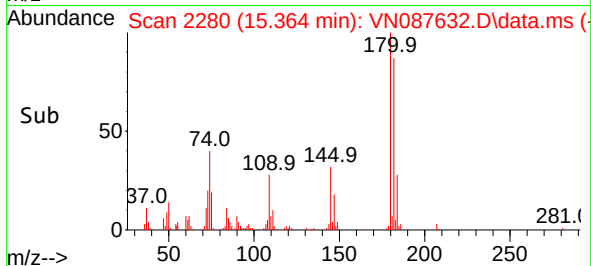
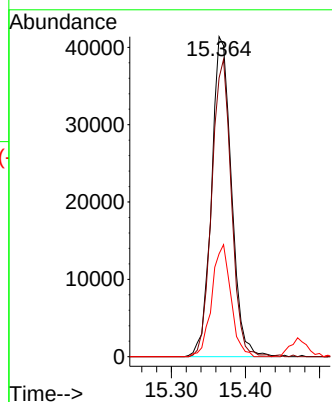
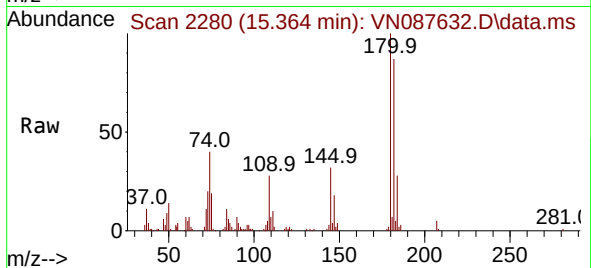
145 33.6 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#94

Hexachlorobutadiene

Concen: 18.518 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

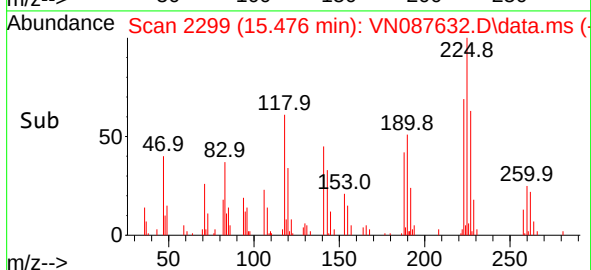
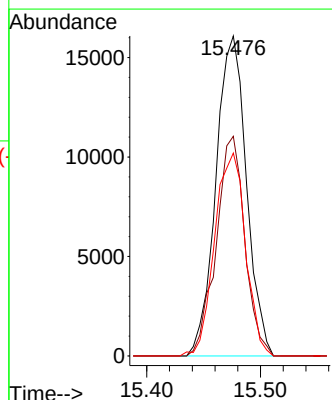
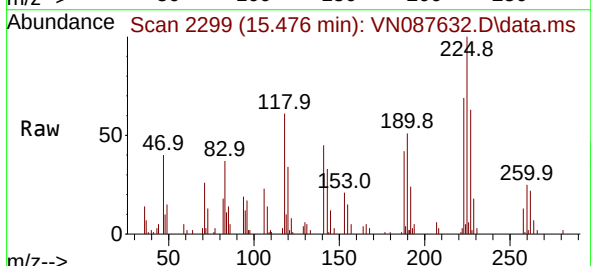
Tgt Ion:225 Resp: 30047

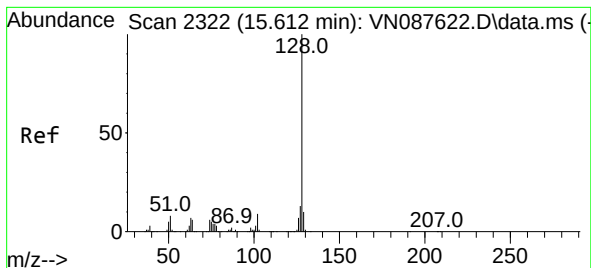
Ion Ratio Lower Upper

225 100

223 64.3 32.0 96.2

227 63.9 32.1 96.5





#95

Naphthalene

Concen: 16.326 ug/l

RT: 15.617 min Scan# 2322

Delta R.T. 0.006 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBSD01

Tgt Ion:128 Resp: 26319

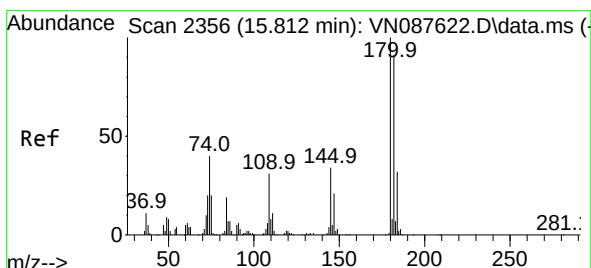
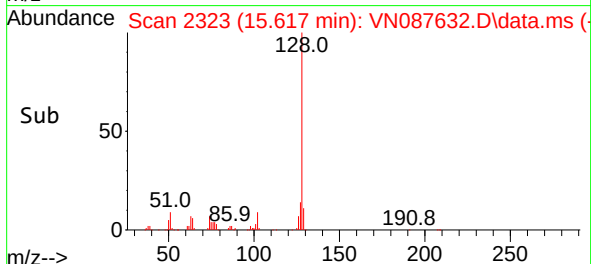
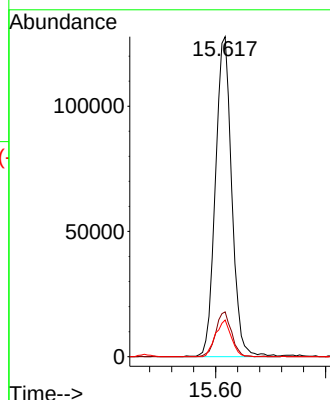
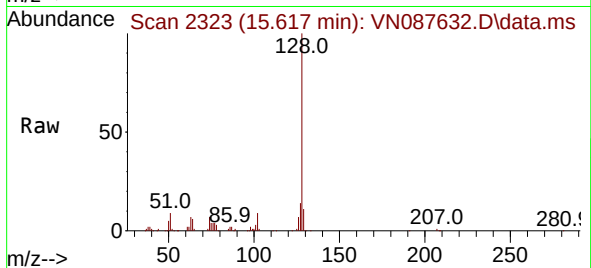
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 15.983 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087632.D

Acq: 22 Aug 2025 11:55

Tgt Ion:180 Resp: 71115

Ion	Ratio	Lower	Upper
180	100		
182	97.1	46.8	140.3
145	38.5	17.3	52.0

