

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
 Data File : VN087813.D
 Acq On : 12 Sep 2025 11:06
 Operator : JC\MD
 Sample : VN0912WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025

Quant Time: Sep 12 22:50:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.795	128	60654	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	293305	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	272699	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	143354	27.668	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	92.233%	
60) 4-Bromofluorobenzene	12.829	95	128618	29.333	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	97.767%	
63) Toluene-d8	10.541	98	378556	29.850	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	99.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	70692	18.753	ug/l	97
3) Chloromethane	2.383	50	65788	16.624	ug/l	95
4) Vinyl Chloride	2.536	62	77414	17.306	ug/l	98
5) Bromomethane	2.983	94	37922	14.450	ug/l	97
6) Chloroethane	3.136	64	52371	17.130	ug/l #	82
7) Trichlorofluoromethane	3.512	101	118483	18.070	ug/l	98
8) Diethyl Ether	3.965	74	46193	16.683	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	64189	18.073	ug/l	72
10) 1,1-Dichloroethene	4.336	96	65048	17.765	ug/l #	82
11) Methyl Iodide	4.583	142	32276	12.453	ug/l	75
12) Methyl Acetate	5.018	43	102043	18.078	ug/l	96
13) Acrolein	4.177	56	98389m	97.901	ug/l	
14) Acrylonitrile	5.706	53	212763	87.573	ug/l	71
15) Acetone	4.418	58	66683	87.982	ug/l	82
16) Carbon Disulfide	4.701	76	185457	18.447	ug/l #	92
17) Allyl chloride	5.018	41	101915	17.041	ug/l	98
18) Methylene Chloride	5.259	84	75185	18.127	ug/l	89
19) trans-1,2-Dichloroethene	5.765	96	66922	17.920	ug/l	98
20) Diisopropyl ether	6.659	45	233418	16.972	ug/l	97
21) 1,1-Dichloroethane	6.553	63	129018	17.131	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	80981	17.865	ug/l	97
23) tert-Butyl Alcohol	5.524	59	70963	82.627	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	222545	17.024	ug/l	95
25) Chloroform	7.947	83	135454	17.182	ug/l	90
26) Cyclohexane	8.242	56	103613	18.065	ug/l #	100
29) 1,1-Dichloropropene	8.347	75	91303	19.154	ug/l	98
30) 2-Butanone	7.471	43	306372	93.302	ug/l	97
31) 2,2-Dichloropropane	7.465	77	115065	20.025	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	116352	19.253	ug/l	98
33) Carbon Tetrachloride	8.342	117	98183	19.485	ug/l	90
34) Benzene	8.589	78	292219	18.968	ug/l #	93
35) Methacrylonitrile	7.759	41	63619	18.523	ug/l	96
36) 1,2-Dichloroethane	8.647	62	109367	18.794	ug/l	96
37) Trichloroethene	9.336	130	67222	19.520	ug/l	94
38) Methylcyclohexane	9.583	83	100988	19.241	ug/l	98
39) 1,2-Dichloropropane	9.600	63	76246	19.324	ug/l	99
40) Dibromomethane	9.689	93	54707	18.631	ug/l	97
41) Bromodichloromethane	9.871	83	107952	17.987	ug/l #	94
42) Vinyl Acetate	6.595	43	962355	87.715	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
 Data File : VN087813.D
 Acq On : 12 Sep 2025 11:06
 Operator : JC\MD
 Sample : VN0912WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2025
 Supervised By : Mahesh Dadoda 09/15/2025

Quant Time: Sep 12 22:50:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	114815	17.114	ug/l	95
44) Isopropyl Acetate	8.677	43	184887	17.579	ug/l	98
45) 1,4-Dioxane	9.677	88	26538	400.115	ug/l	96
46) Methyl methacrylate	9.665	41	85538	17.645	ug/l	93
47) n-amyl Acetate	12.571	43	105619m	14.861	ug/l	
48) t-1,3-Dichloropropene	10.818	75	110087	17.661	ug/l	99
49) cis-1,3-Dichloropropene	10.288	75	119926	18.784	ug/l	90
50) 1,1,2-Trichloroethane	10.994	97	71598	18.878	ug/l	95
51) Ethyl methacrylate	10.859	69	107837	18.270	ug/l	99
52) 1,3-Dichloropropane	11.141	76	122386	18.583	ug/l	100
53) Dibromochloromethane	11.341	129	81694	19.211	ug/l	92
54) 1,2-Dibromoethane	11.447	107	72329	18.328	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	300818	88.953	ug/l	98
56) Bromoform	12.559	173	51291	18.470	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	599526	92.979	ug/l	99
59) 2-Hexanone	11.177	43	379850	90.154	ug/l	98
61) Tetrachloroethene	11.083	164	57018	21.000	ug/l	93
62) Toluene	10.612	91	306195	18.563	ug/l	99
64) Chlorobenzene	11.871	112	188308	18.600	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.935	131	66801	18.741	ug/l	99
66) Ethyl Benzene	11.941	91	329763	18.531	ug/l	92
67) m/p-Xylenes	12.053	106	250458	37.915	ug/l	93
68) o-Xylene	12.377	106	120504	18.815	ug/l	100
69) Styrene	12.388	104	201054	18.061	ug/l	100
70) Isopropylbenzene	12.671	105	309691	19.070	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	110182	18.872	ug/l	97
72) 1,2,3-Trichloropropane	12.971	75	101119m	17.640	ug/l	
73) Bromobenzene	12.959	156	74780	18.821	ug/l	96
74) n-propylbenzene	13.012	91	392483	19.154	ug/l	98
75) 2-Chlorotoluene	13.100	91	231741	18.791	ug/l	97
76) 1,3,5-Trimethylbenzene	13.147	105	267103	19.477	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	31316	16.185	ug/l	95
78) 4-Chlorotoluene	13.200	91	242014	19.465	ug/l	98
79) tert-butylbenzene	13.418	119	229146	19.952	ug/l	95
80) 1,2,4-Trimethylbenzene	13.459	105	271786	19.330	ug/l	99
81) sec-Butylbenzene	13.594	105	346516	20.512	ug/l	99
82) p-Isopropyltoluene	13.706	119	287370	20.646	ug/l	96
83) 1,3-Dichlorobenzene	13.712	146	150754	19.680	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	152124	19.813	ug/l	99
85) n-Butylbenzene	14.035	91	277392	20.733	ug/l	98
86) Hexachloroethane	14.306	117	54896	19.417	ug/l	95
87) 1,2-Dichlorobenzene	14.082	146	143399	19.849	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	24542	18.942	ug/l	87
89) 1,2,4-Trichlorobenzene	15.806	180	82133	19.988	ug/l	98
90) Hexachlorobutadiene	15.470	225	34886	25.325	ug/l	91
91) Naphthalene	15.612	128	281519	18.610	ug/l	99
92) 1,2,3-Trichlorobenzene	15.806	180	82133	19.988	ug/l	98

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

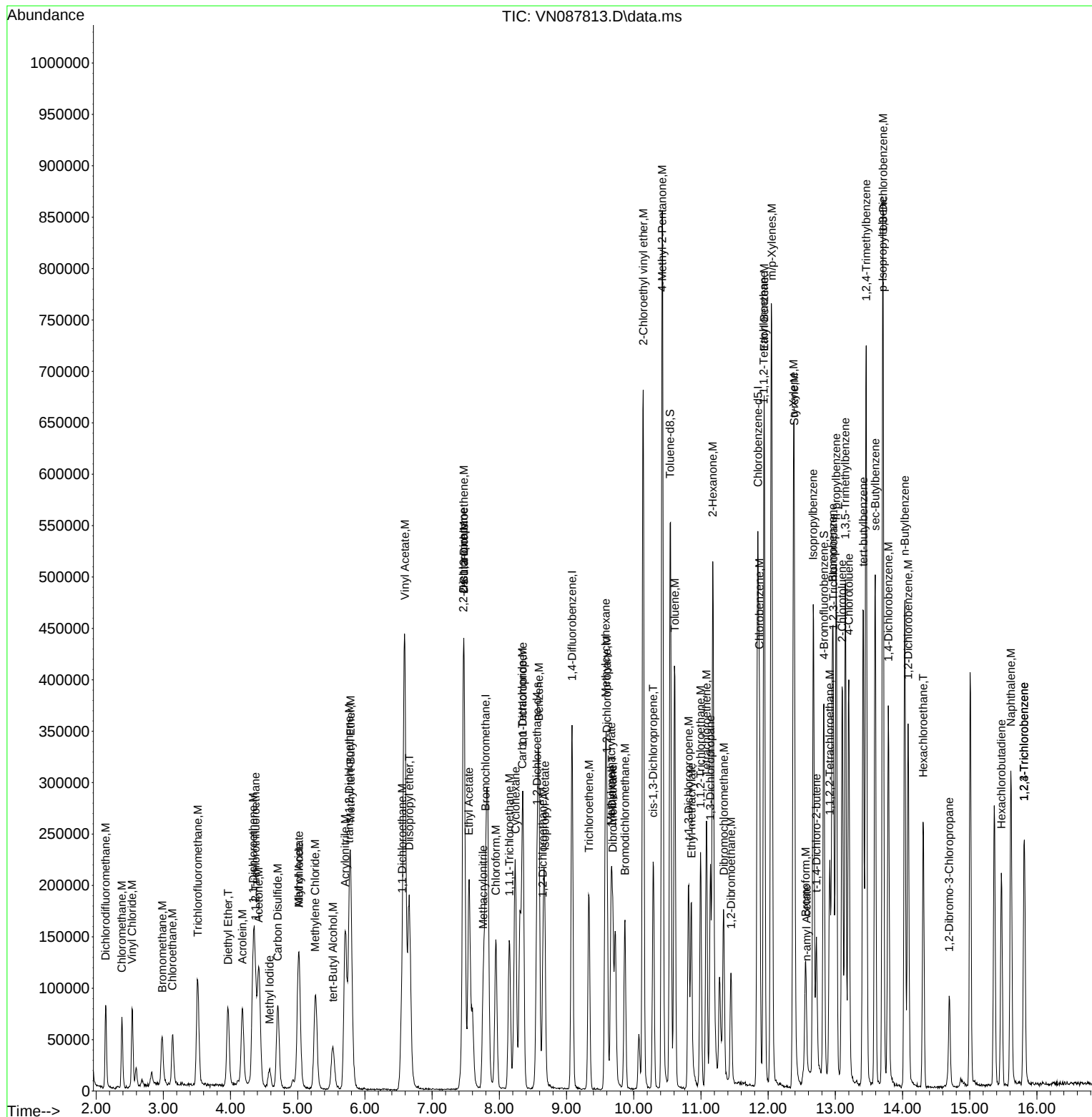
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091225\
 Data File : VN087813.D
 Acq On : 12 Sep 2025 11:06
 Operator : JC\MD
 Sample : VN0912WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

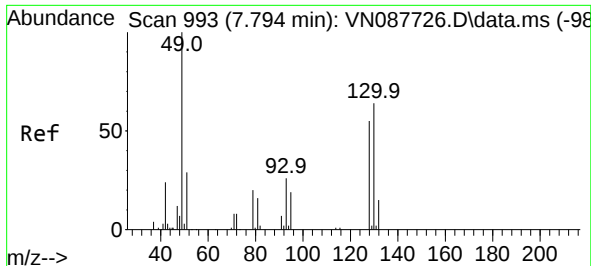
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2025
 Supervised By : Mahesh Dadoda 09/15/2025

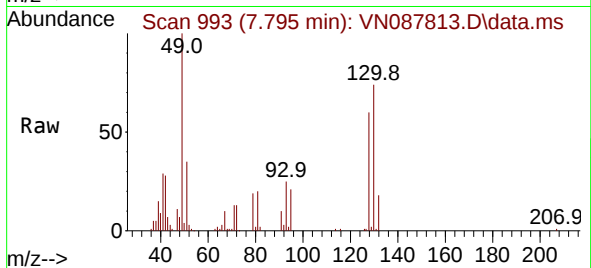
Quant Time: Sep 12 22:50:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.795 min Scan# 993
Delta R.T. 0.001 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

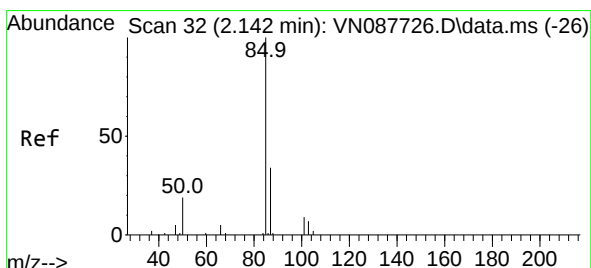
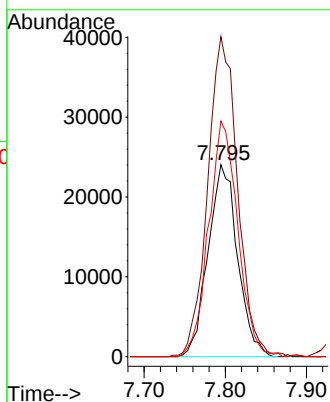
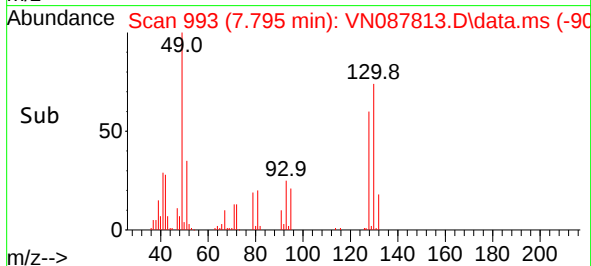
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:128 Resp: 60654
Ion Ratio Lower Upper
128 100
49 168.4 0.0 464.3
130 121.7 0.0 300.5

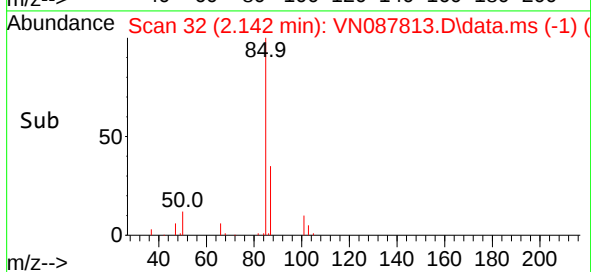
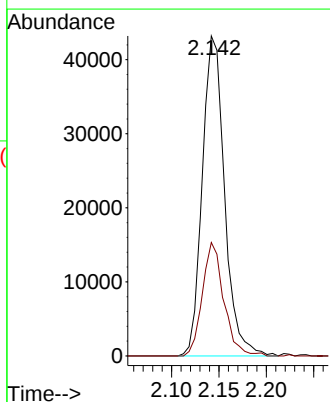
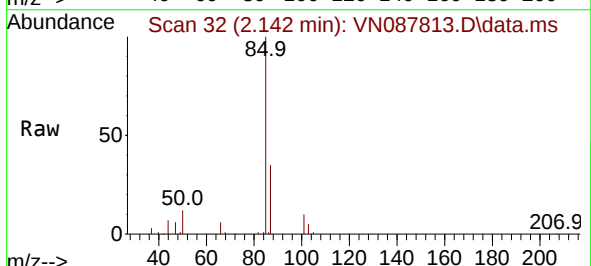
Manual Integrations
APPROVED

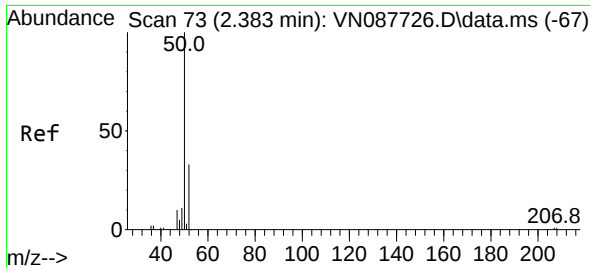
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#2
Dichlorodifluoromethane
Concen: 18.753 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 85 Resp: 70692
Ion Ratio Lower Upper
85 100
87 35.4 16.8 50.4





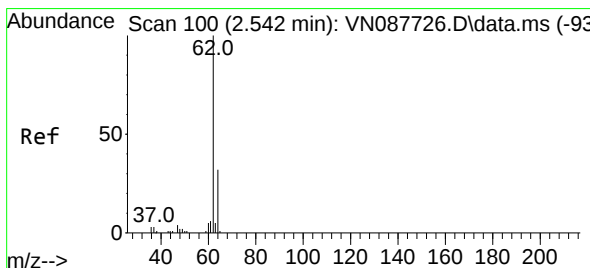
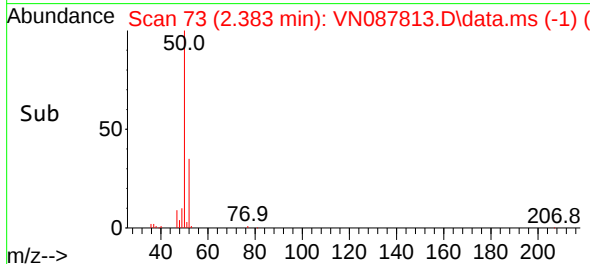
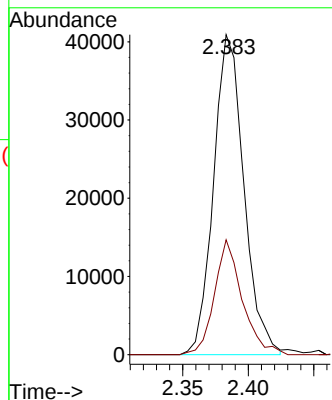
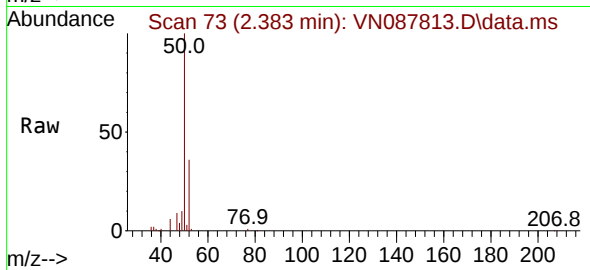
#3
Chloromethane
Concen: 16.624 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 50 Resp: 65788
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0

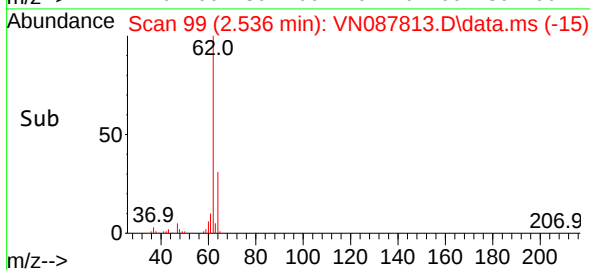
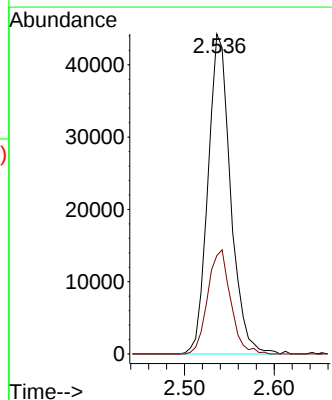
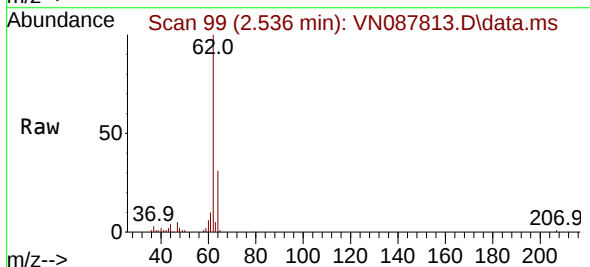
Manual Integrations
APPROVED

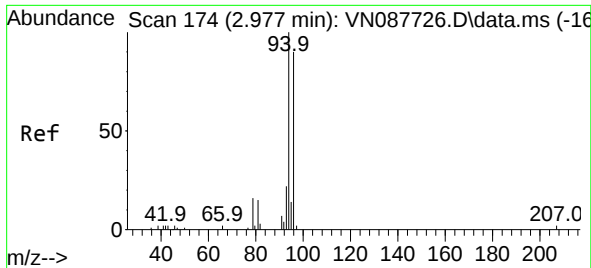
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#4
Vinyl Chloride
Concen: 17.306 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

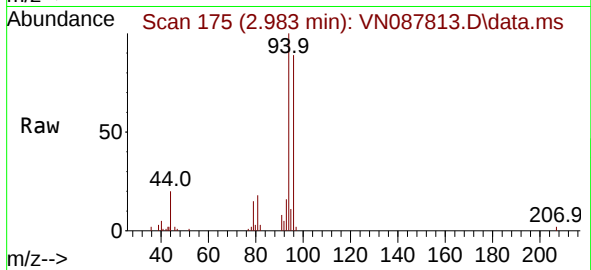
Tgt Ion: 62 Resp: 77414
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3





#5
Bromomethane
Concen: 14.450 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

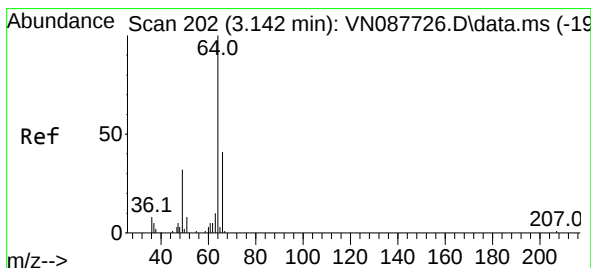
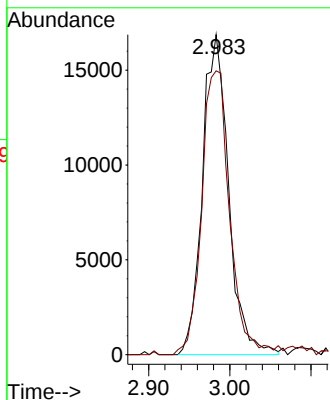
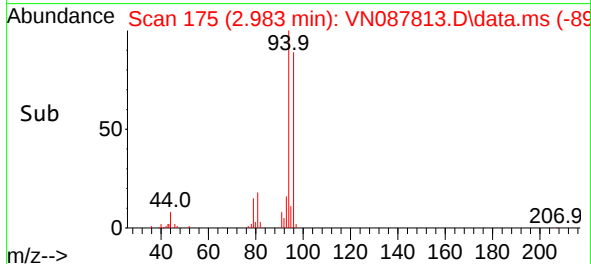
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 94 Resp: 3792
Ion Ratio Lower Upper
94 100
96 87.2 72.2 108.4

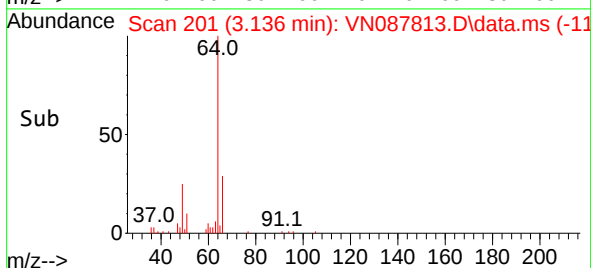
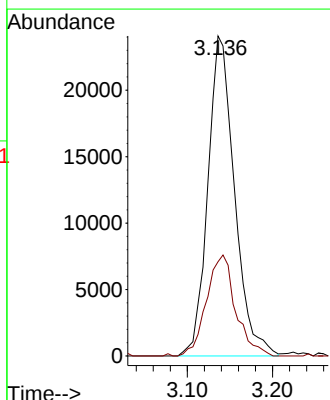
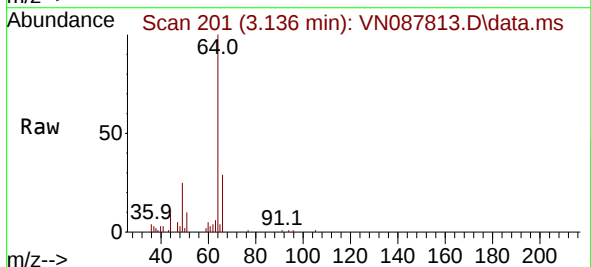
Manual Integrations
APPROVED

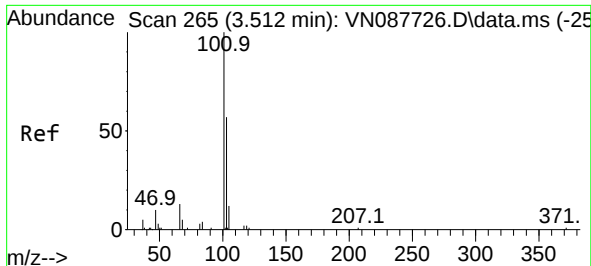
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#6
Chloroethane
Concen: 17.130 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

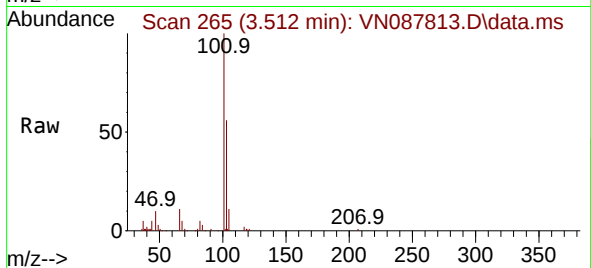
Tgt Ion: 64 Resp: 52371
Ion Ratio Lower Upper
64 100
66 29.5 32.8 49.2#





#7
 Trichlorofluoromethane
 Concen: 18.070 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

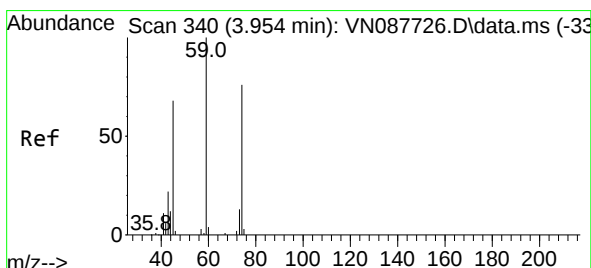
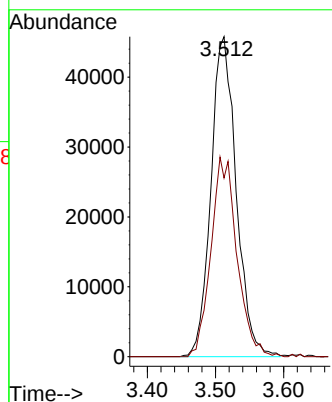
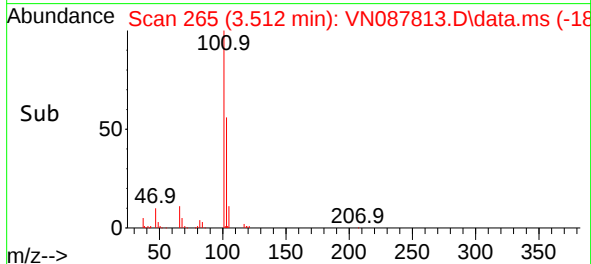
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



Tgt Ion:101 Resp: 11848
 Ion Ratio Lower Upper
 101 100
 103 55.9 45.7 68.5

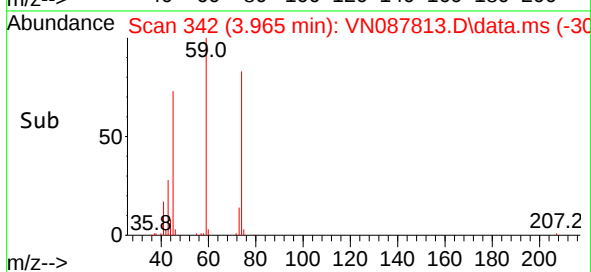
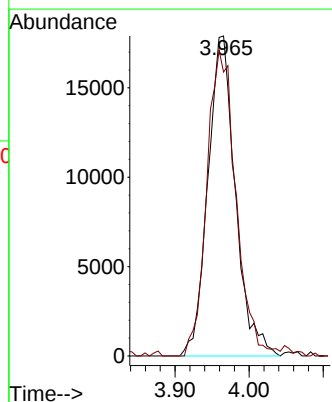
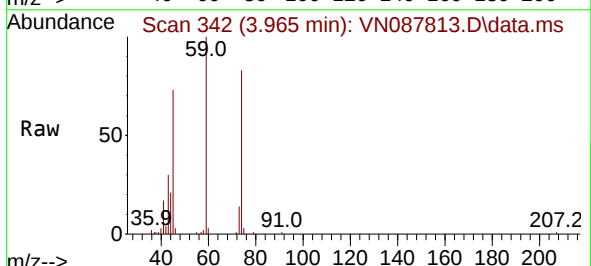
Manual Integrations
 APPROVED

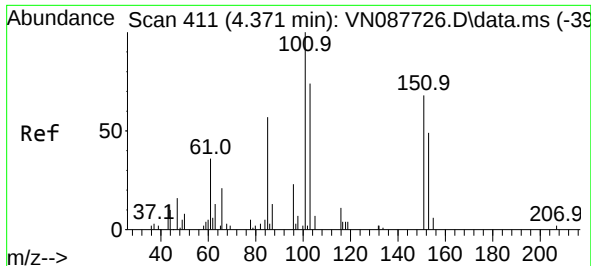
Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025



#8
 Diethyl Ether
 Concen: 16.683 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

Tgt Ion: 74 Resp: 46193
 Ion Ratio Lower Upper
 74 100
 45 100.5 20.4 183.8





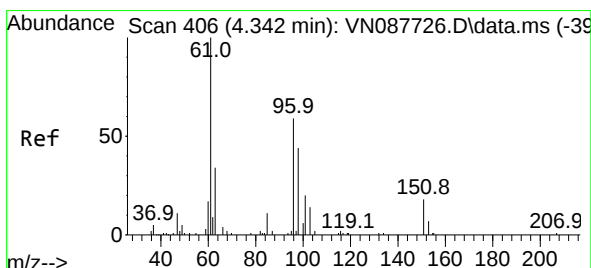
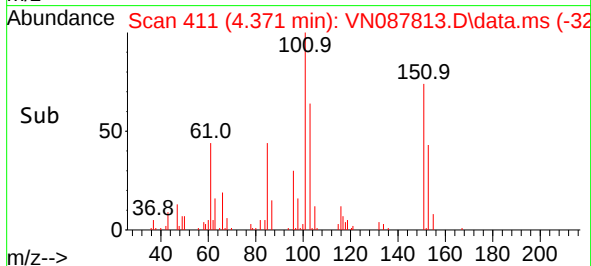
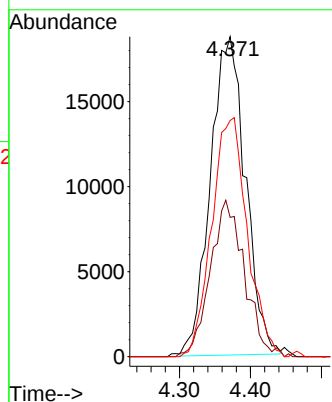
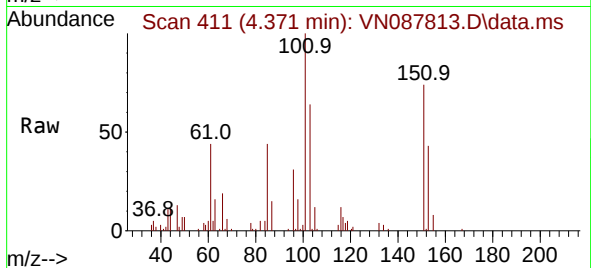
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.073 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01

Tgt Ion:101 Resp: 64189
 Ion Ratio Lower Upper
 101 100
 85 44.0 0.0 95.6
 151 76.1 0.0 85.8

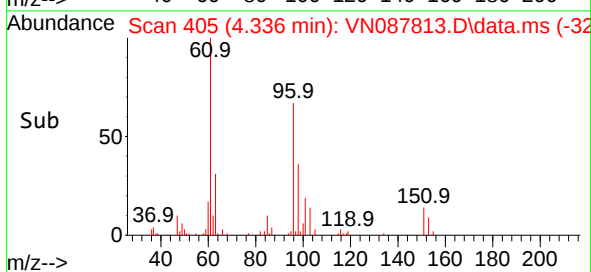
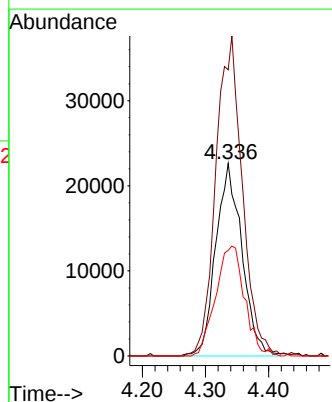
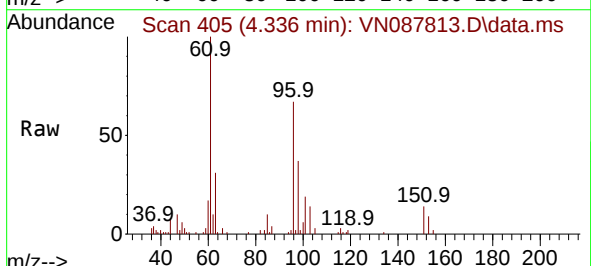
Manual Integrations
 APPROVED

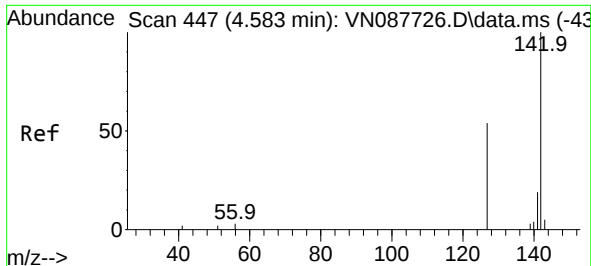
Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025



#10
 1,1-Dichloroethene
 Concen: 17.765 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

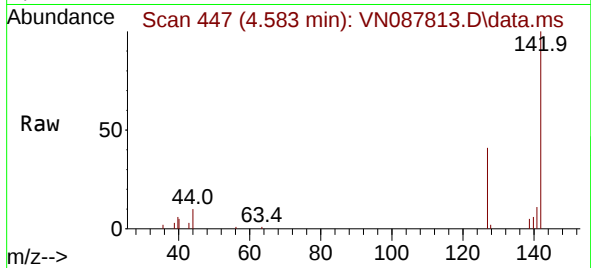
Tgt Ion: 96 Resp: 65048
 Ion Ratio Lower Upper
 96 100
 61 148.7 135.9 203.9
 98 54.9 59.2 88.8#





#11
Methyl Iodide
Concen: 12.453 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

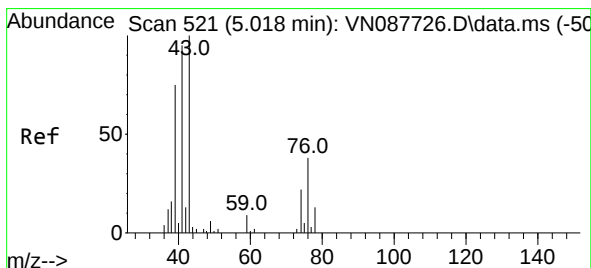
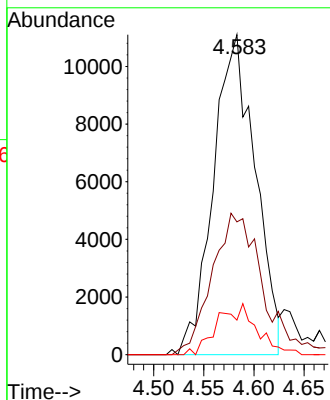
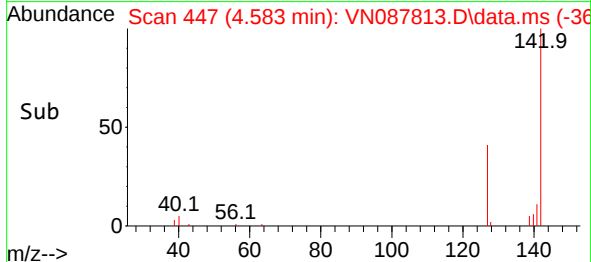
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:142 Resp: 32270
Ion Ratio Lower Upper
142 100
127 36.1 27.9 83.7
141 10.2 9.6 28.8

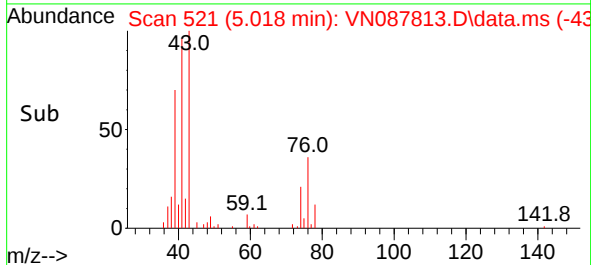
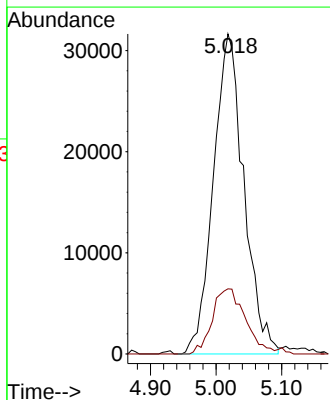
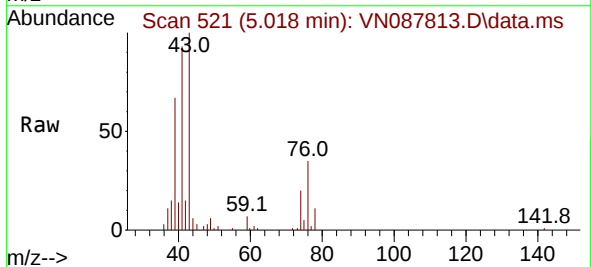
Manual Integrations
APPROVED

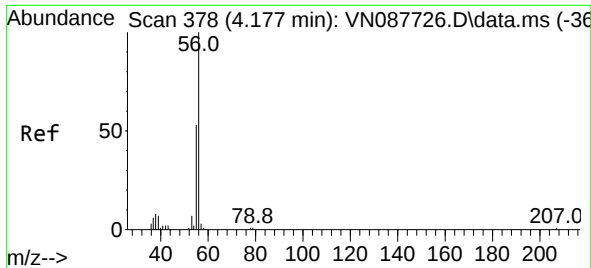
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#12
Methyl Acetate
Concen: 18.078 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

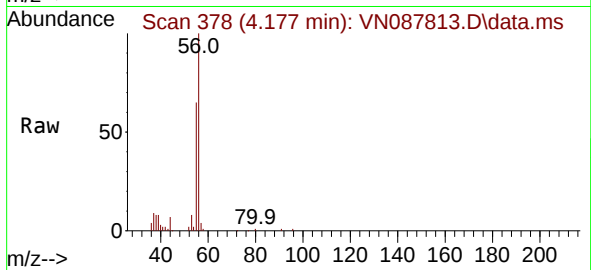
Tgt Ion: 43 Resp: 102043
Ion Ratio Lower Upper
43 100
74 19.8 17.5 26.3





#13
Acrolein
Concen: 97.901 ug/l m
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

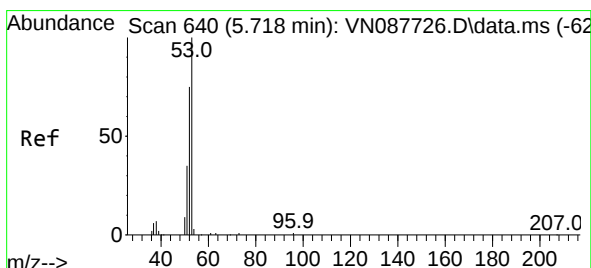
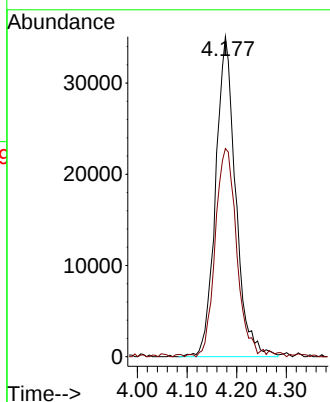
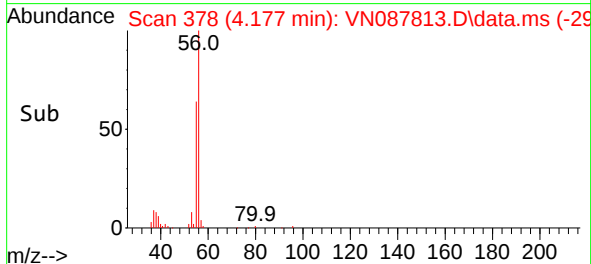
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



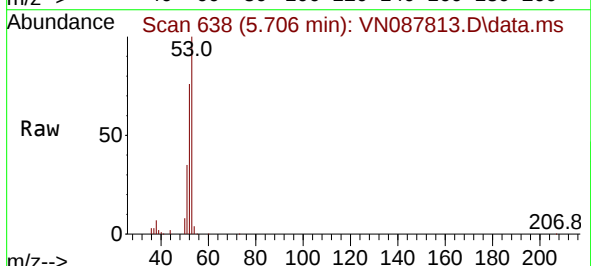
Tgt Ion: 56 Resp: 98389
Ion Ratio Lower Upper
56 100
55 0.2 28.6 42.8

Manual Integrations
APPROVED

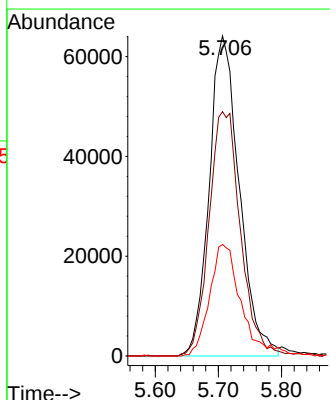
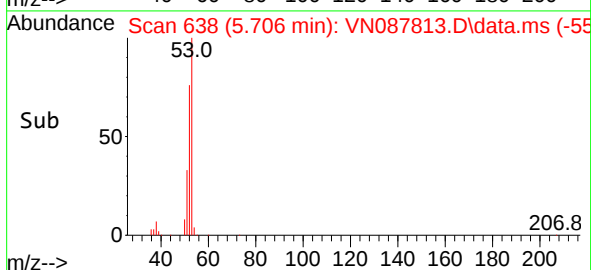
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

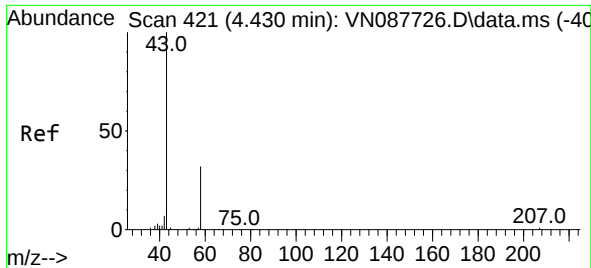


#14
Acrylonitrile
Concen: 87.573 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06



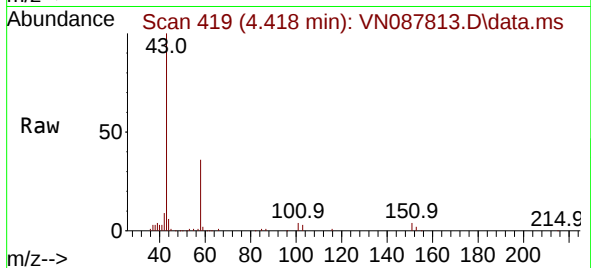
Tgt Ion: 53 Resp: 212763
Ion Ratio Lower Upper
53 100
52 46.0 40.9 122.7
51 33.8 18.1 54.1





#15
Acetone
Concen: 87.982 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

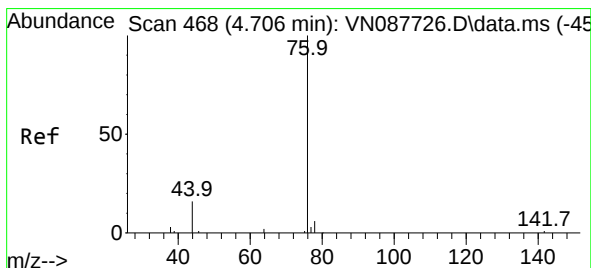
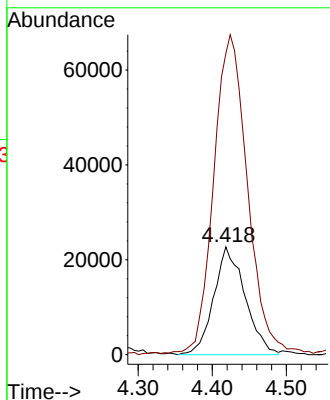
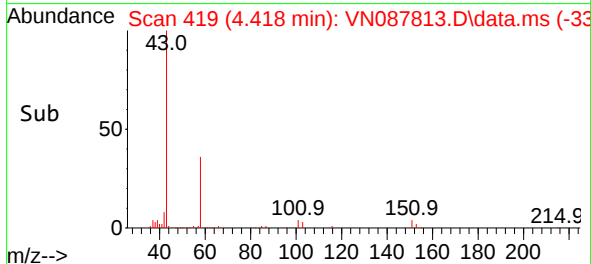
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 58 Resp: 6668
Ion Ratio Lower Upper
58 100
43 276.5 250.6 376.0

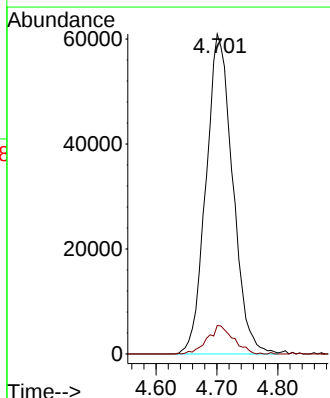
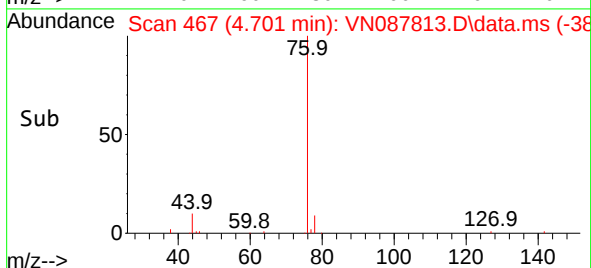
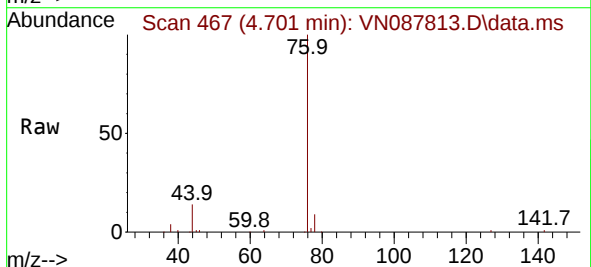
Manual Integrations
APPROVED

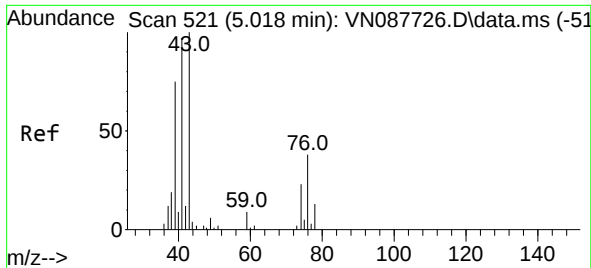
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#16
Carbon Disulfide
Concen: 18.447 ug/l
RT: 4.701 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

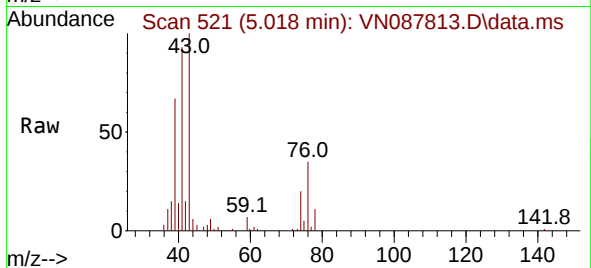
Tgt Ion: 76 Resp: 185457
Ion Ratio Lower Upper
76 100
78 8.9 5.0 7.6#





#17
Allyl chloride
Concen: 17.041 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

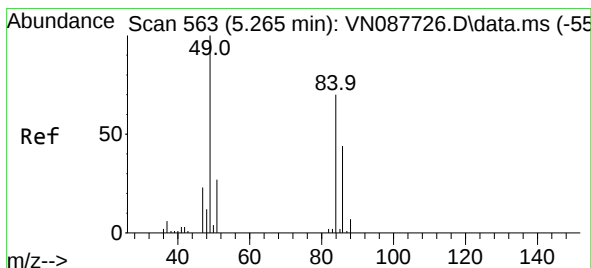
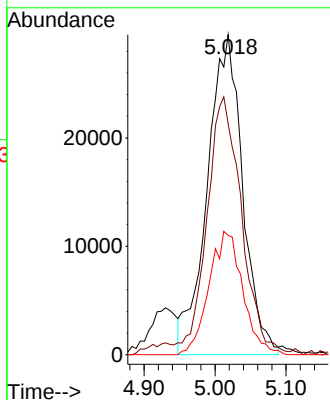
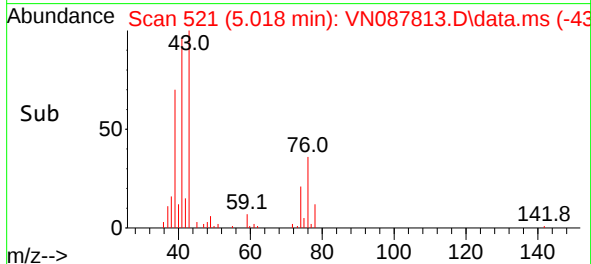
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 41 Resp: 10191
Ion Ratio Lower Upper
41 100
39 71.7 36.7 110.1
76 38.2 18.3 54.8

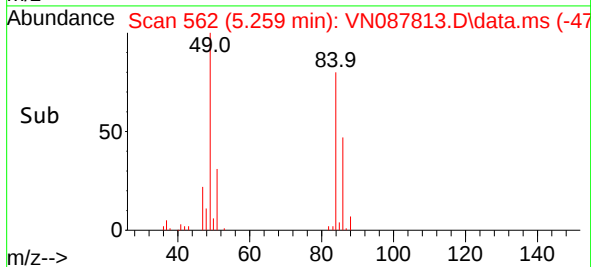
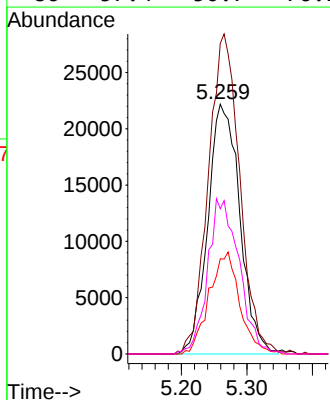
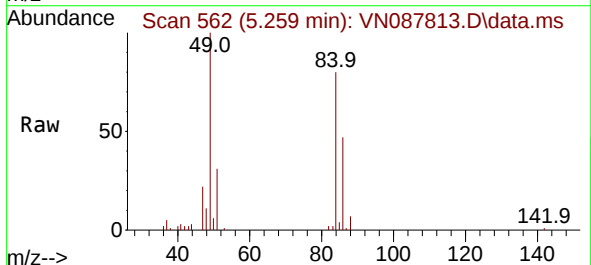
Manual Integrations
APPROVED

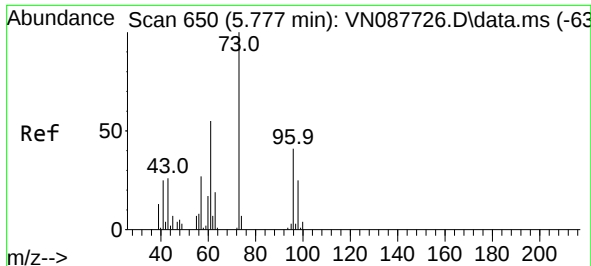
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#18
Methylene Chloride
Concen: 18.127 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

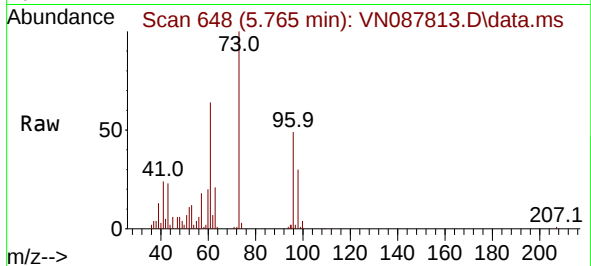
Tgt Ion: 84 Resp: 75185
Ion Ratio Lower Upper
84 100
49 123.5 114.1 171.1
51 38.1 30.2 45.4
86 57.4 50.7 76.1





#19
trans-1,2-Dichloroethene
Concen: 17.920 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.012 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

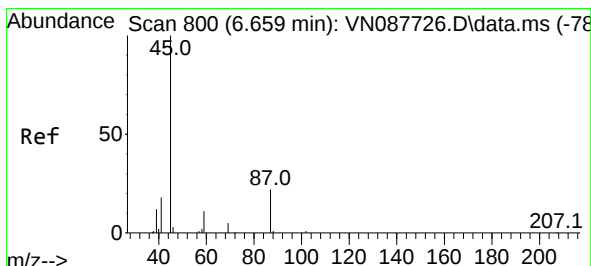
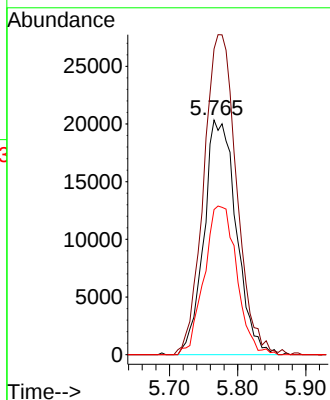
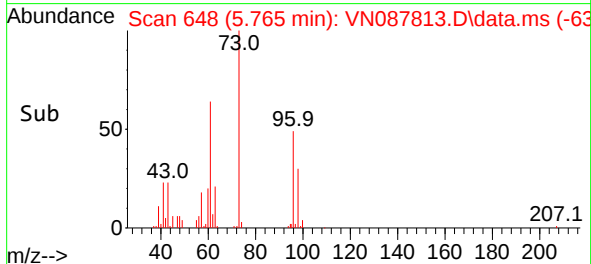
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 96 Resp: 6692
Ion Ratio Lower Upper
96 100
61 129.4 106.4 159.6
98 61.8 48.9 73.3

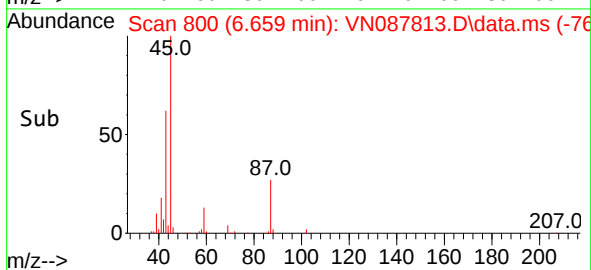
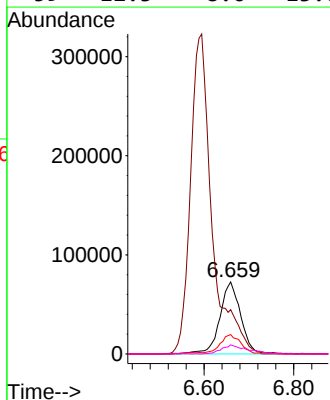
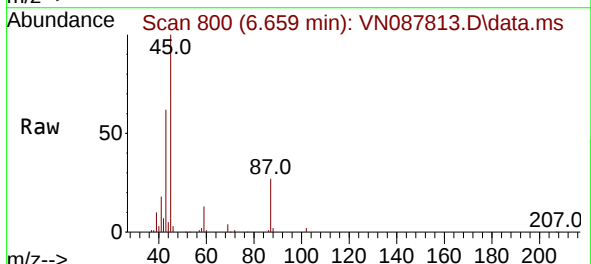
Manual Integrations
APPROVED

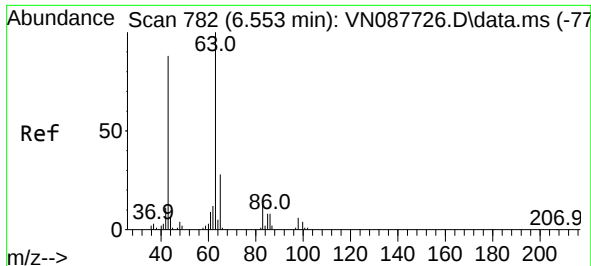
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#20
Diisopropyl ether
Concen: 16.972 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 45 Resp: 233418
Ion Ratio Lower Upper
45 100
43 60.5 49.5 74.3
87 26.8 18.8 28.2
59 12.3 8.6 13.0





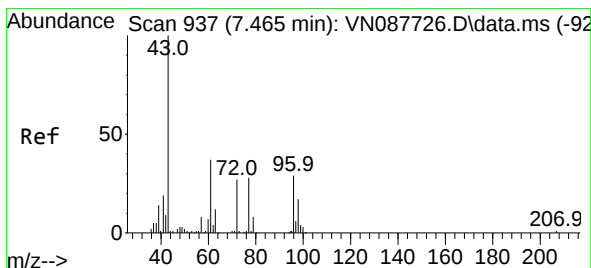
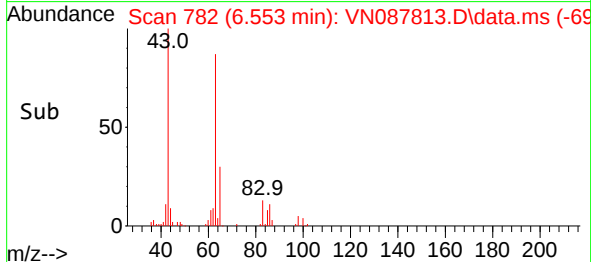
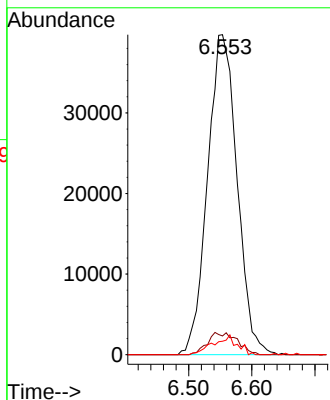
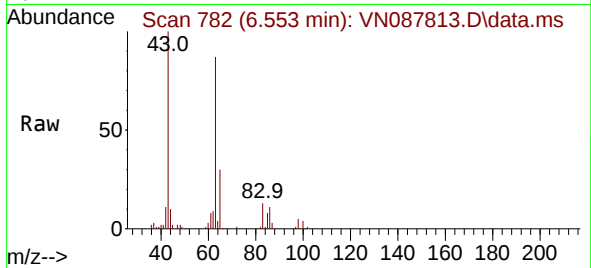
#21
1,1-Dichloroethane
Concen: 17.131 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 63 Resp: 129018
Ion Ratio Lower Upper
63 100
98 5.9 2.9 8.8
100 4.2 1.8 5.3

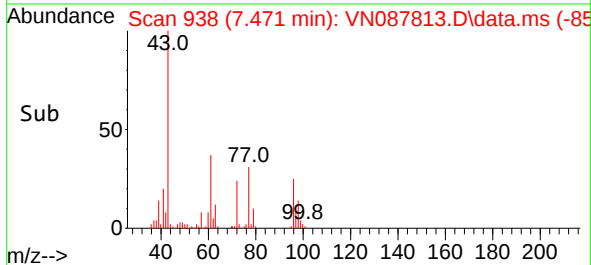
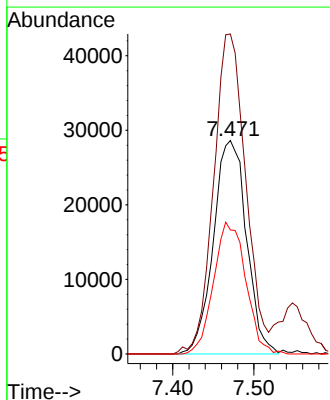
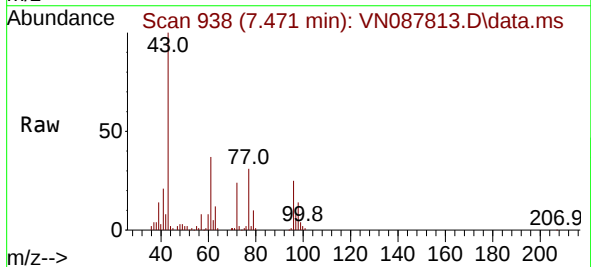
Manual Integrations
APPROVED

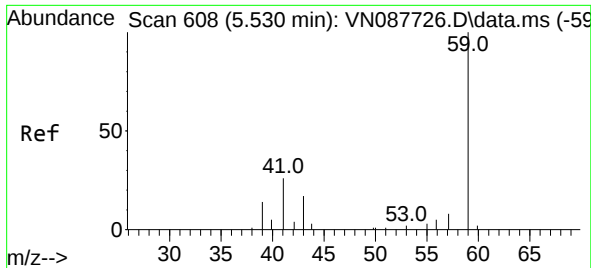
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#22
cis-1,2-Dichloroethene
Concen: 17.865 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 96 Resp: 80981
Ion Ratio Lower Upper
96 100
61 145.5 118.2 177.2
98 59.8 51.6 77.4





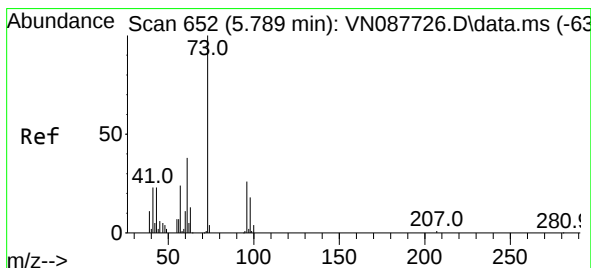
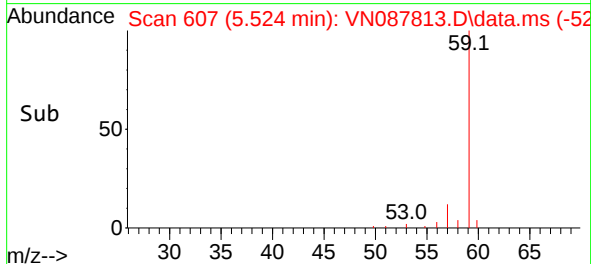
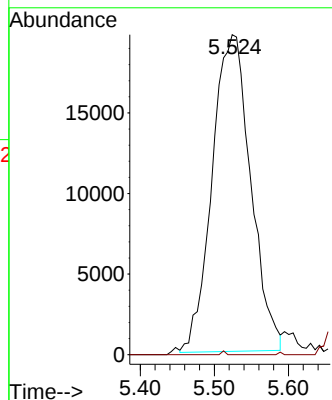
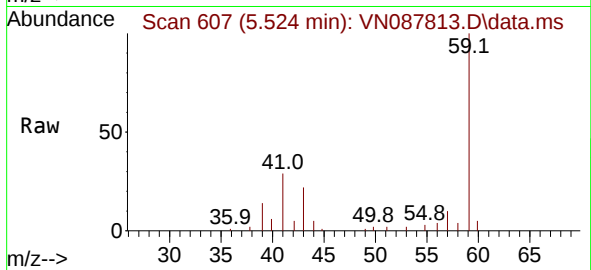
#23
tert-Butyl Alcohol
Concen: 82.627 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 59 Resp: 7096
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

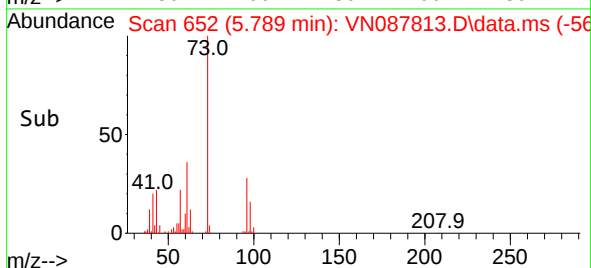
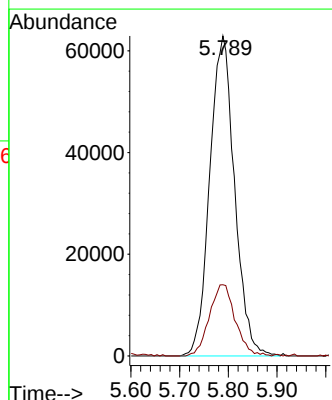
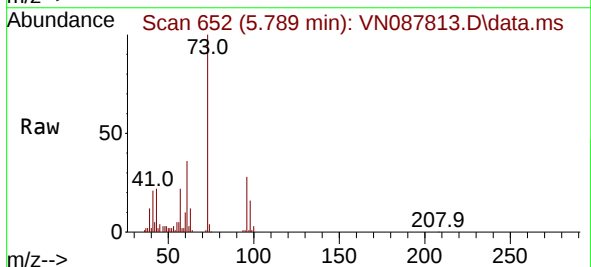
Manual Integrations
APPROVED

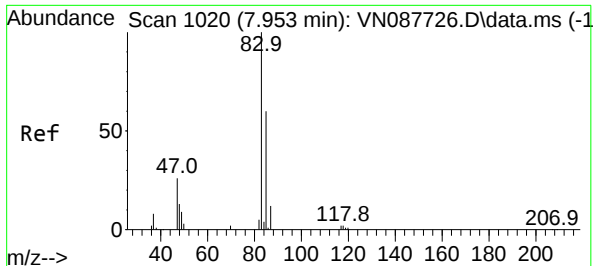
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#24
Methyl tert-Butyl Ether
Concen: 17.024 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 73 Resp: 222545
Ion Ratio Lower Upper
73 100
43 23.2 16.8 25.2





#25

Chloroform

Concen: 17.182 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 83 Resp: 135454

Ion Ratio Lower Upper

83 100

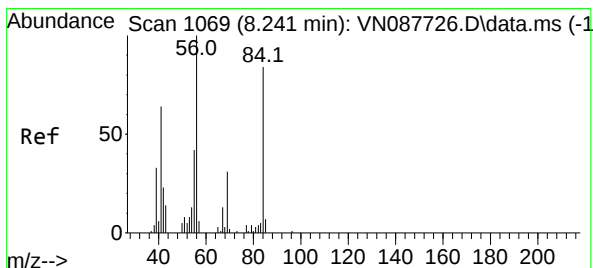
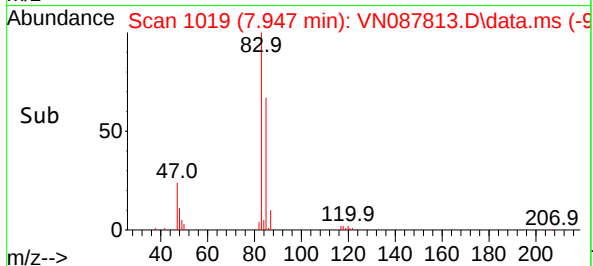
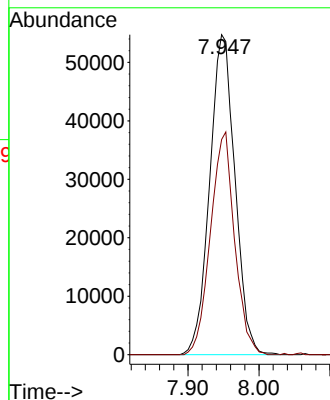
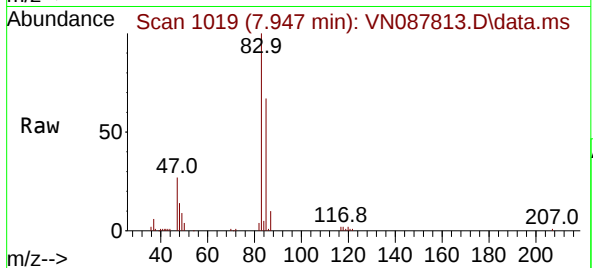
85 67.3 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025

Supervised By :Mahesh Dadoda 09/15/2025



#26

Cyclohexane

Concen: 18.065 ug/l

RT: 8.242 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

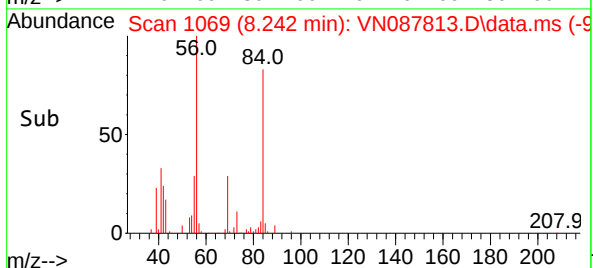
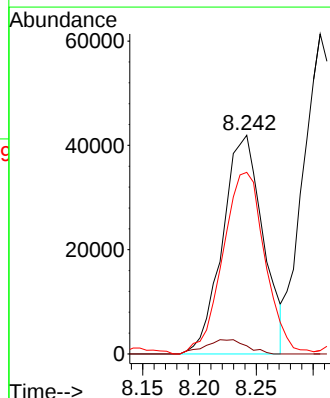
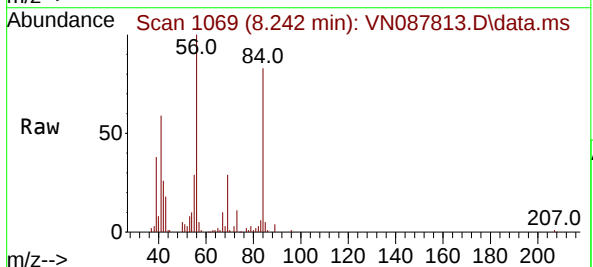
Tgt Ion: 56 Resp: 103613

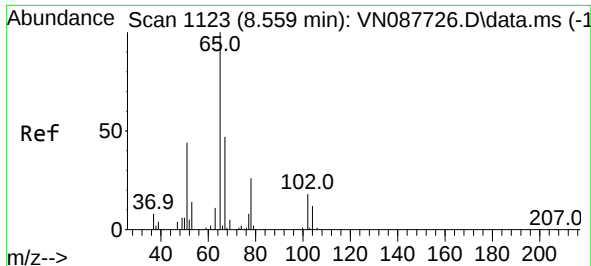
Ion Ratio Lower Upper

56 100

89 6.7 0.0 0.0#

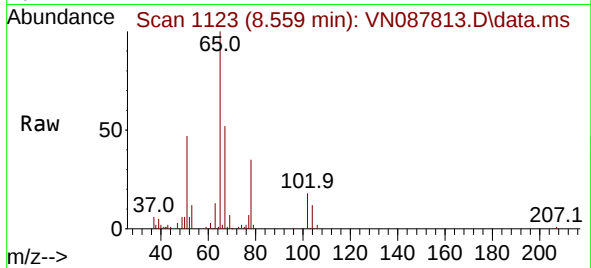
84 86.8 69.4 104.2





#27
1,2-Dichloroethane-d4
Concen: 27.668 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

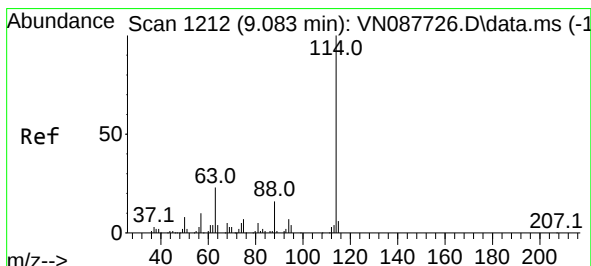
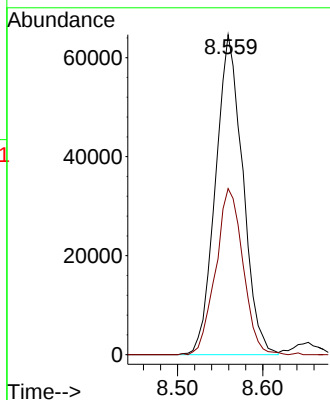
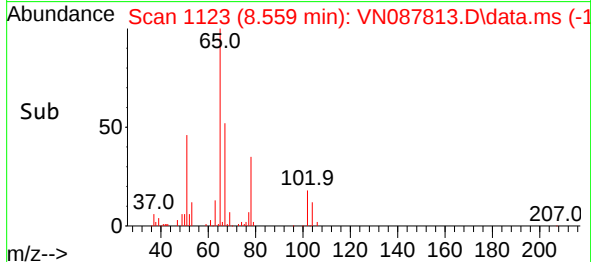
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



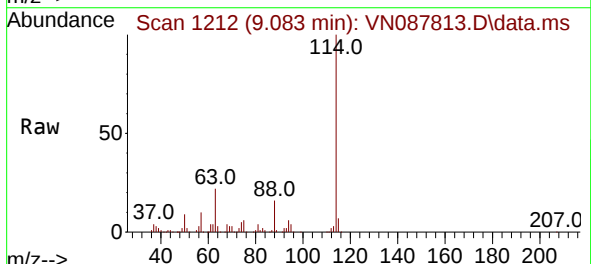
Tgt Ion: 65 Resp: 143354
Ion Ratio Lower Upper
65 100
67 51.9 39.6 59.4

Manual Integrations
APPROVED

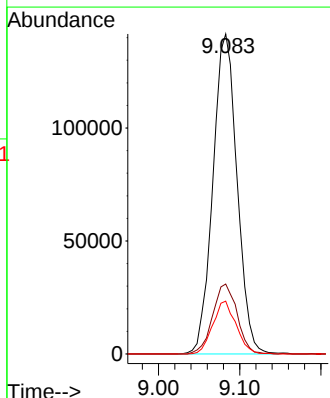
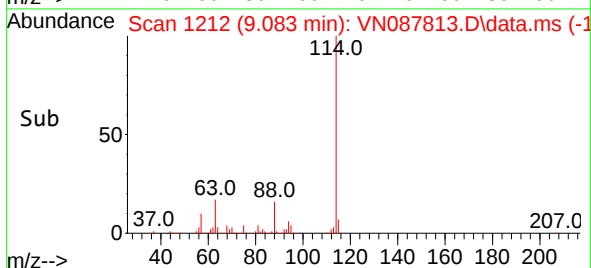
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

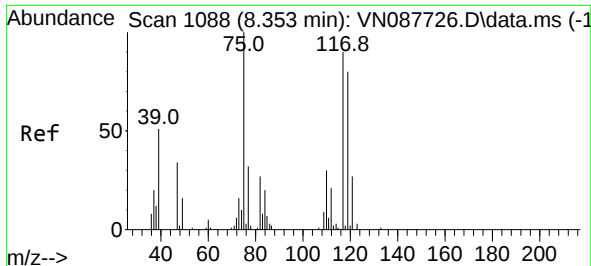


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06



Tgt Ion:114 Resp: 293305
Ion Ratio Lower Upper
114 100
63 22.1 18.3 27.5
88 15.9 12.4 18.6





#29

1,1-Dichloropropene

Concen: 19.154 ug/l

RT: 8.347 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

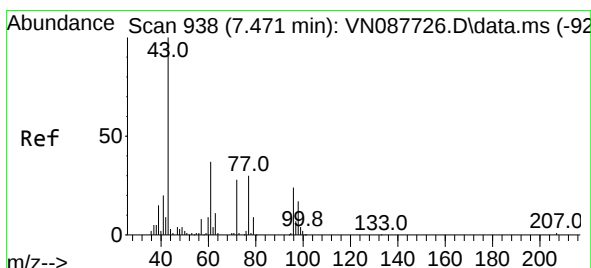
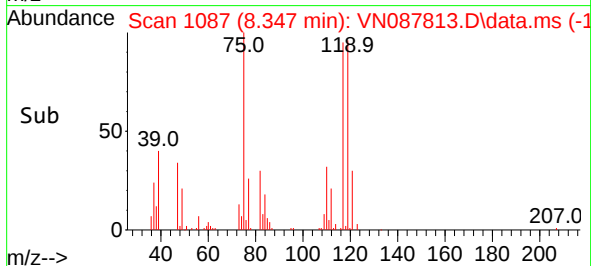
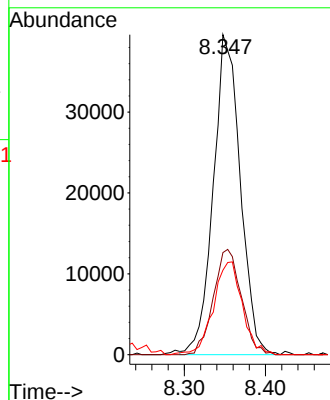
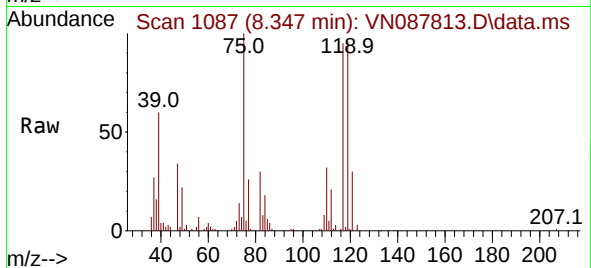
VN0912WBSD01

Tgt Ion:	75	Resp:	9130
Ion Ratio	Lower	Upper	
75	100		
110	34.0	0.0	64.4
77	31.1	0.0	62.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#30

2-Butanone

Concen: 93.302 ug/l

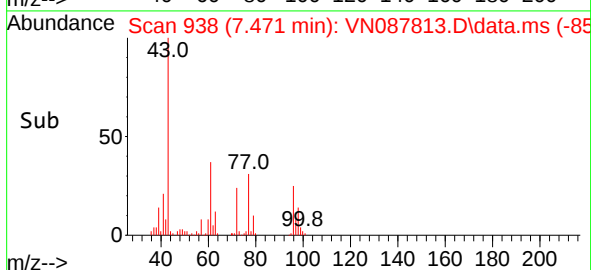
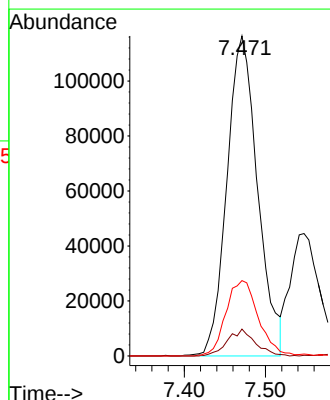
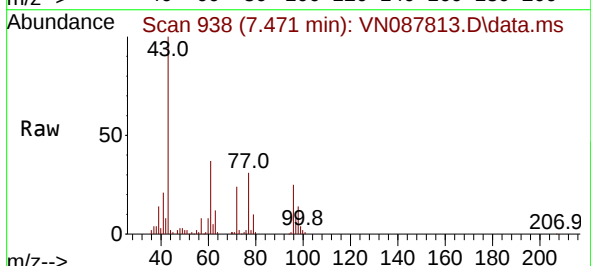
RT: 7.471 min Scan# 938

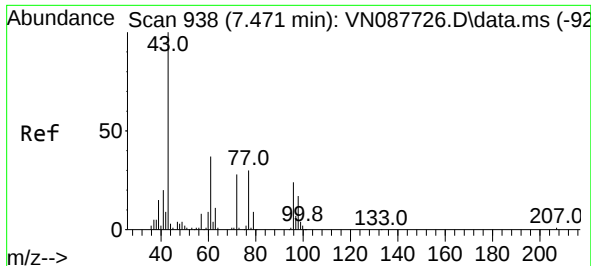
Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Tgt Ion:	43	Resp:	306372
Ion Ratio	Lower	Upper	
43	100		
57	7.6	6.3	9.5
72	24.8	21.4	32.2





#31

2,2-Dichloropropane

Concen: 20.025 ug/l

RT: 7.465 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 77 Resp: 11506

Ion Ratio Lower Upper

77 100

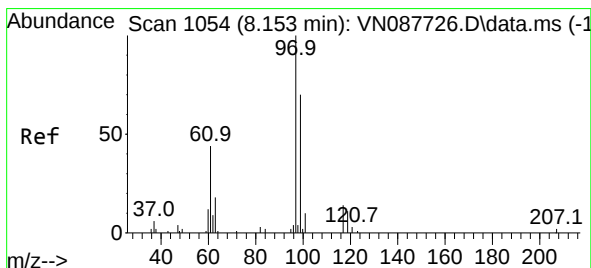
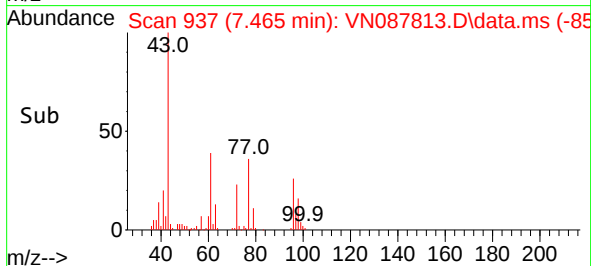
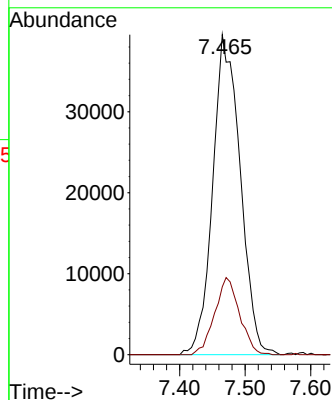
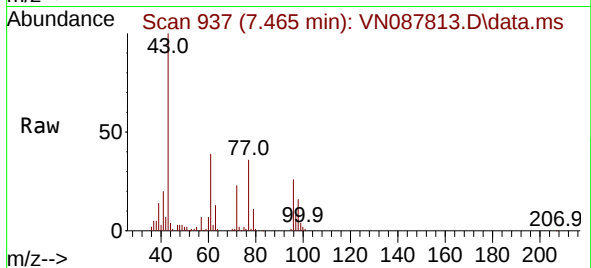
97 21.7 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025

Supervised By :Mahesh Dadoda 09/15/2025



#32

1,1,1-Trichloroethane

Concen: 19.253 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

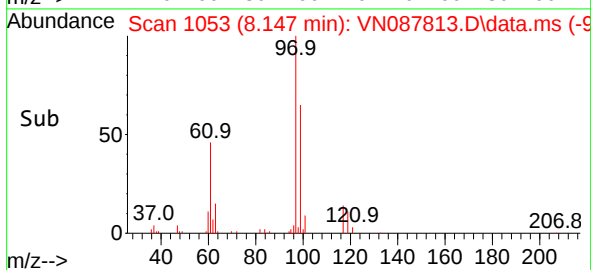
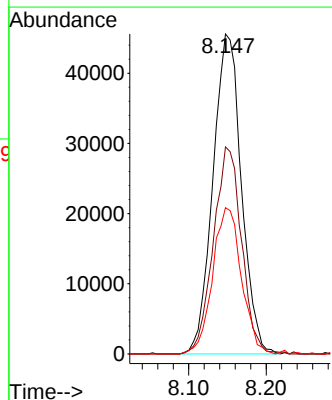
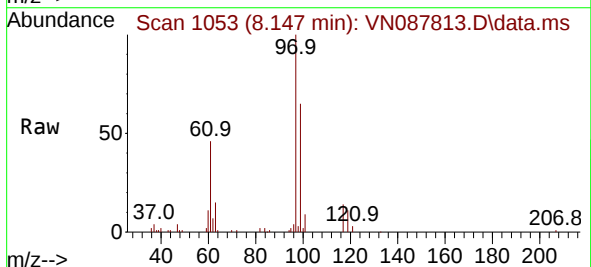
Tgt Ion: 97 Resp: 116352

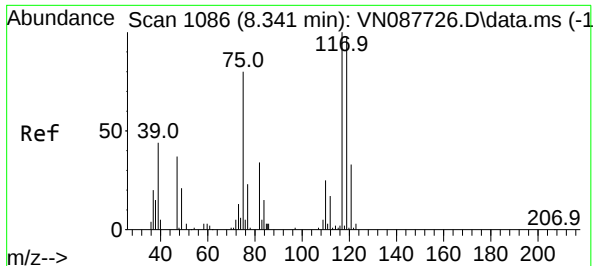
Ion Ratio Lower Upper

97 100

99 63.8 52.2 78.4

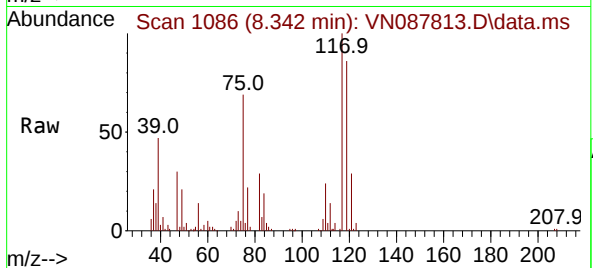
61 46.3 37.9 56.9





#33
Carbon Tetrachloride
Concen: 19.485 ug/l
RT: 8.342 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

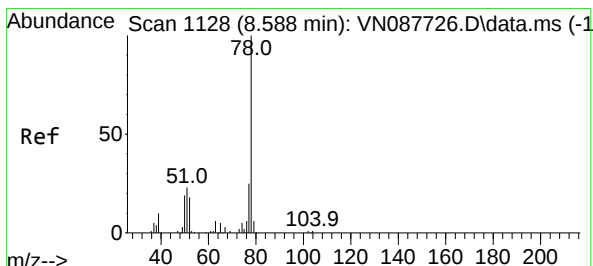
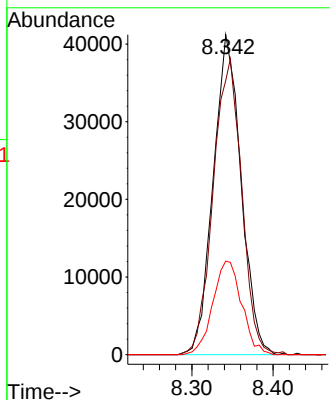
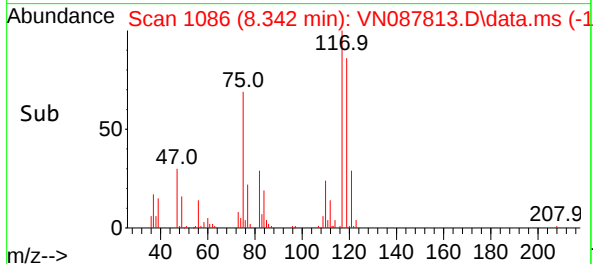
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 117 Resp: 9818
Ion Ratio Lower Upper
117 100
119 85.7 77.3 115.9
121 29.2 26.6 39.8

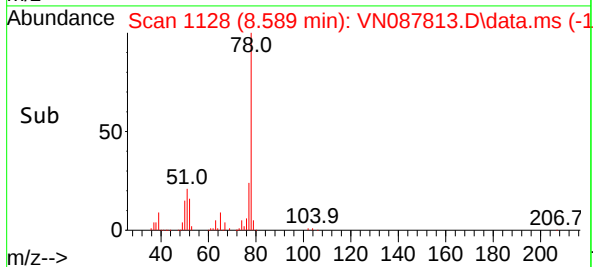
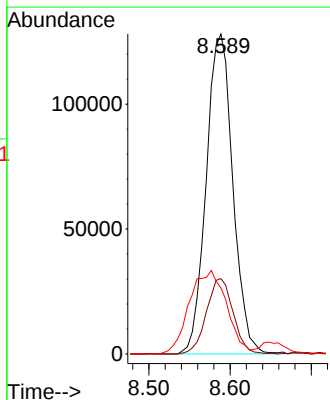
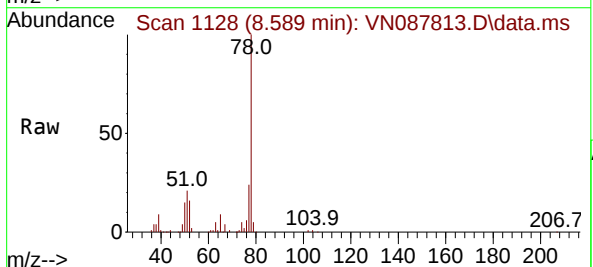
Manual Integrations
APPROVED

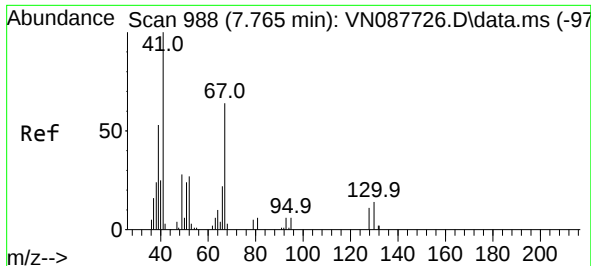
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#34
Benzene
Concen: 18.968 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

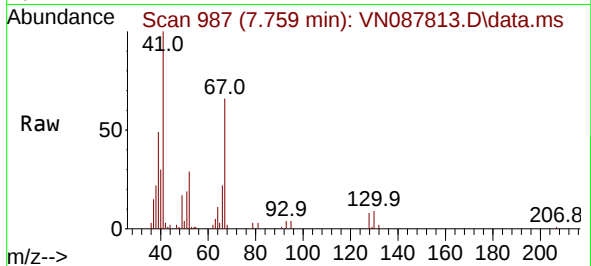
Tgt Ion: 78 Resp: 292219
Ion Ratio Lower Upper
78 100
77 23.5 20.3 30.5
51 17.2 18.0 27.0#





#35
Methacrylonitrile
Concen: 18.523 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

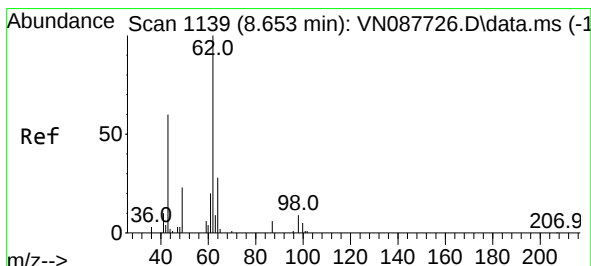
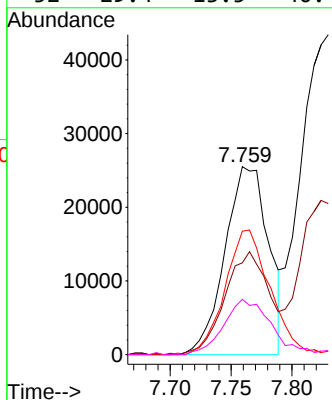
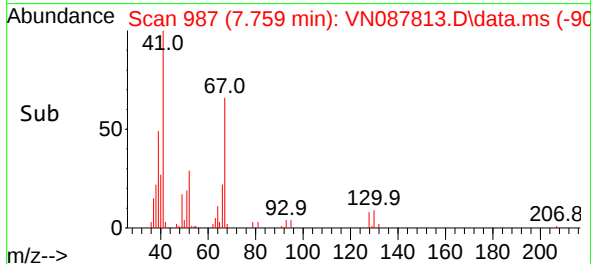
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:	41	Resp:	63619
Ion Ratio	100	Lower	Upper
41	100		
39	48.9	27.1	81.2
67	64.8	32.1	96.5
52	29.4	13.5	40.4

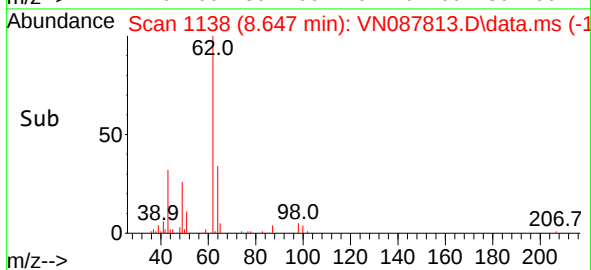
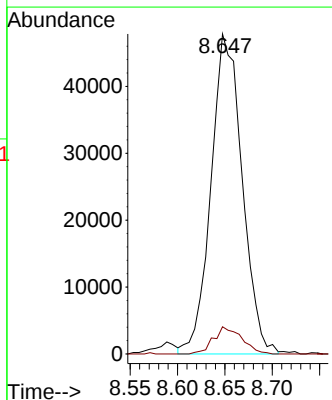
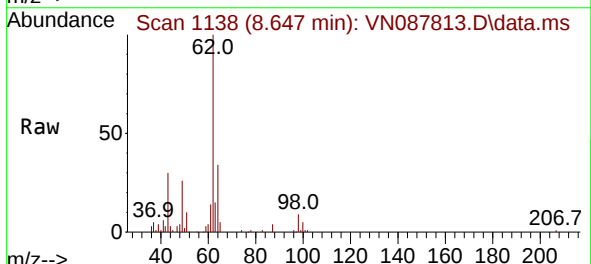
Manual Integrations
APPROVED

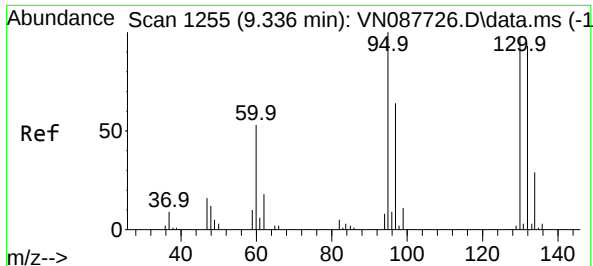
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#36
1,2-Dichloroethane
Concen: 18.794 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:	62	Resp:	109367
Ion Ratio	100	Lower	Upper
62	100		
98	7.7	7.2	10.8





#37

Trichloroethene

Concen: 19.520 ug/l

RT: 9.336 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion:130 Resp: 6722

Ion Ratio Lower Upper

130 100

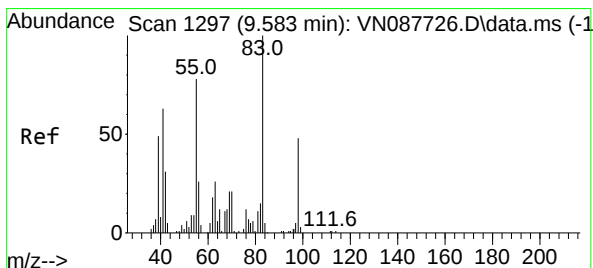
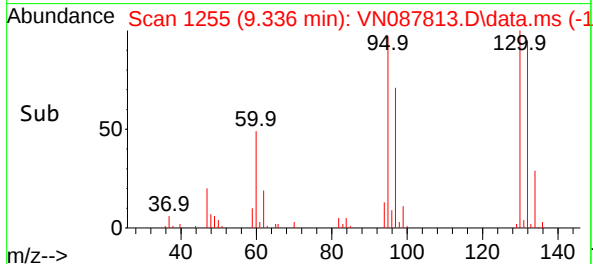
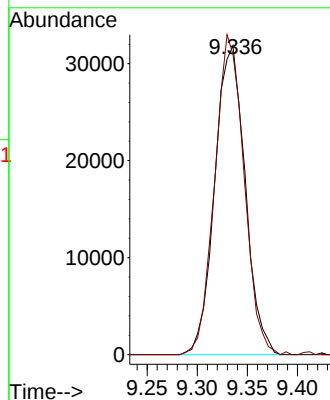
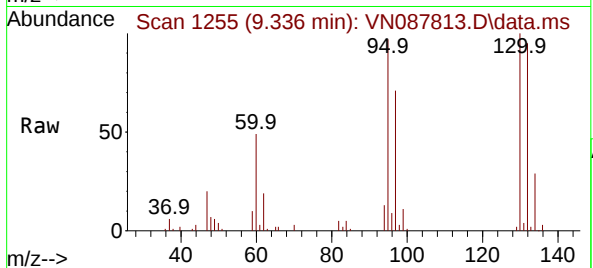
95 97.2 82.7 124.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025

Supervised By :Mahesh Dadoda 09/15/2025



#38

Methylcyclohexane

Concen: 19.241 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

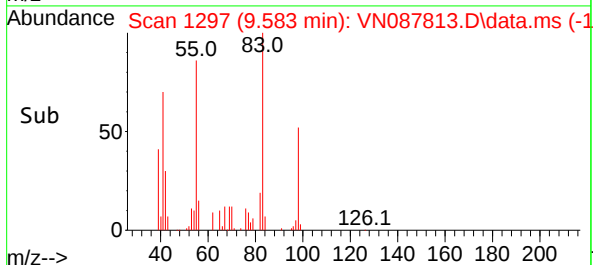
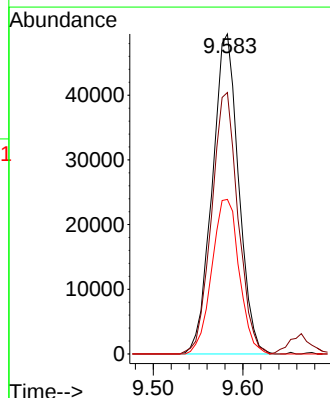
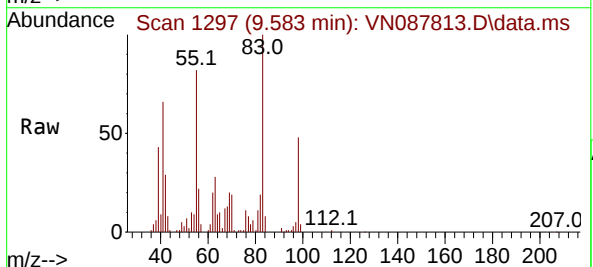
Tgt Ion: 83 Resp: 100988

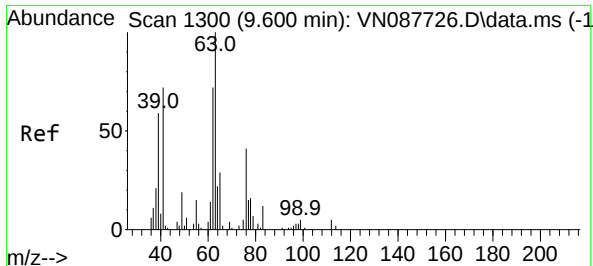
Ion Ratio Lower Upper

83 100

55 81.9 40.4 121.1

98 50.2 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.324 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBSD01

Tgt Ion: 63 Resp: 76240

Ion Ratio Lower Upper

63 100

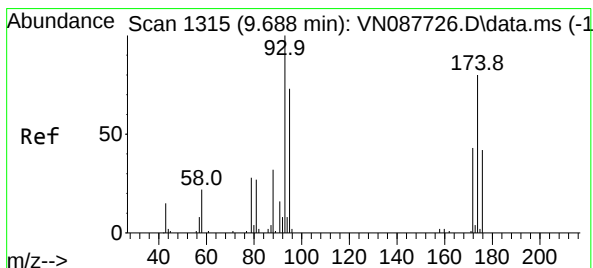
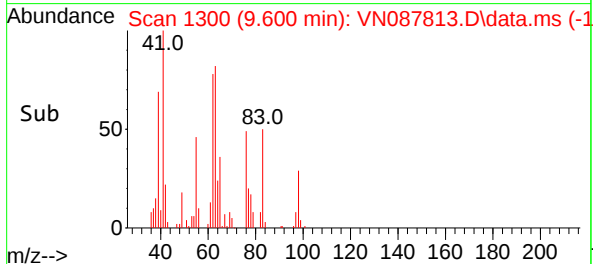
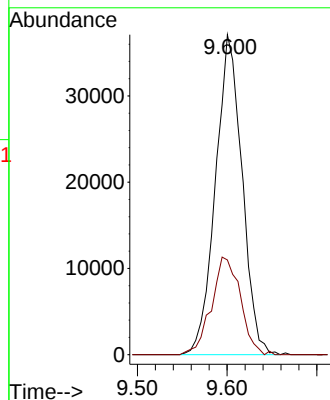
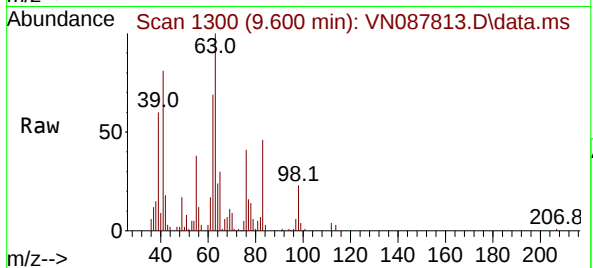
65 29.6 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025

Supervised By :Mahesh Dadoda 09/15/2025



#40

Dibromomethane

Concen: 18.631 ug/l

RT: 9.689 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

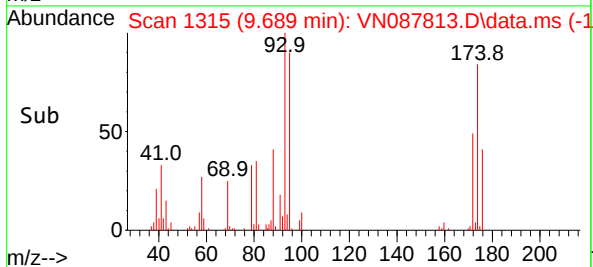
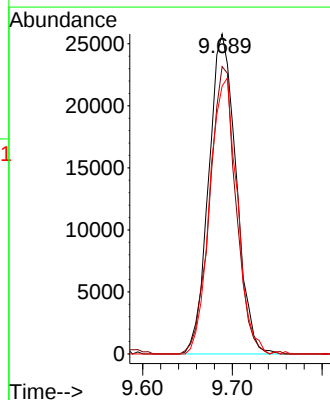
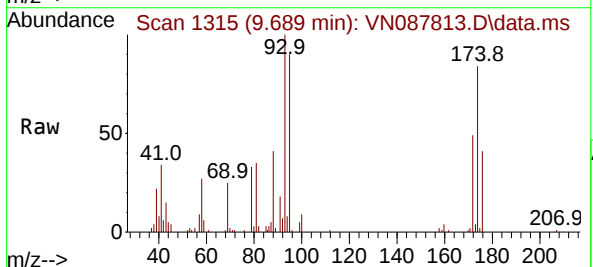
Tgt Ion: 93 Resp: 54707

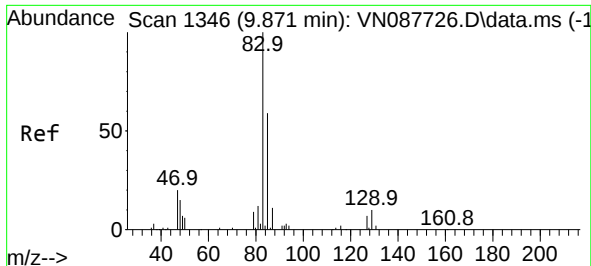
Ion Ratio Lower Upper

93 100

95 85.8 0.0 168.4

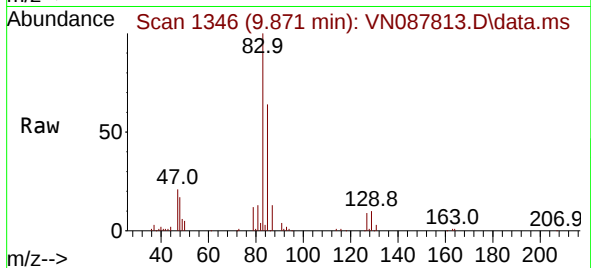
174 86.1 0.0 162.8





#41
Bromodichloromethane
Concen: 17.987 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

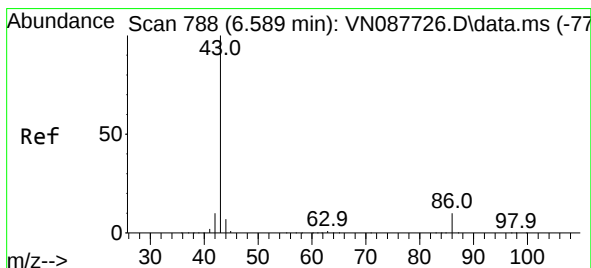
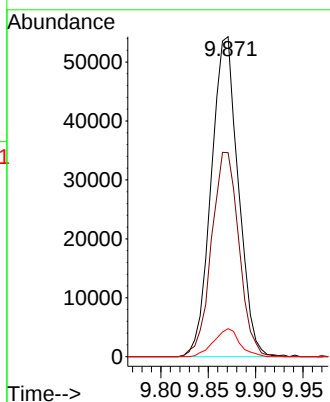
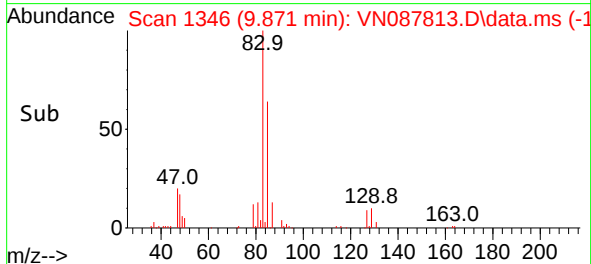
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 83 Resp: 107952
Ion Ratio Lower Upper
83 100
85 63.8 47.3 70.9
127 8.7 5.2 7.8

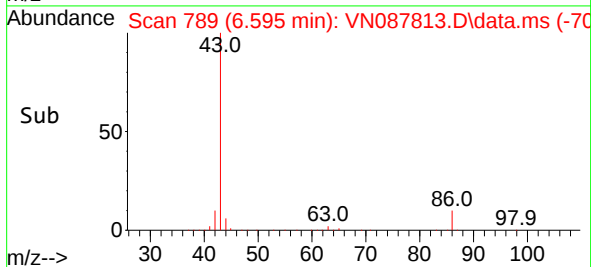
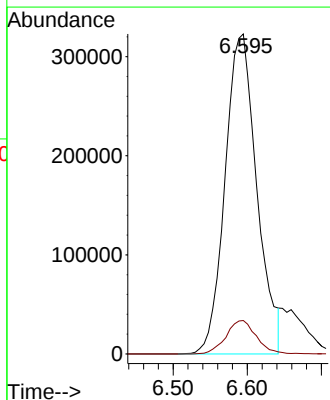
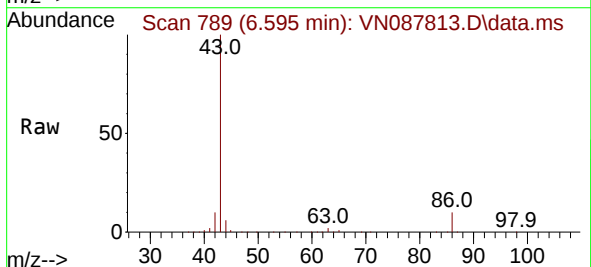
Manual Integrations
APPROVED

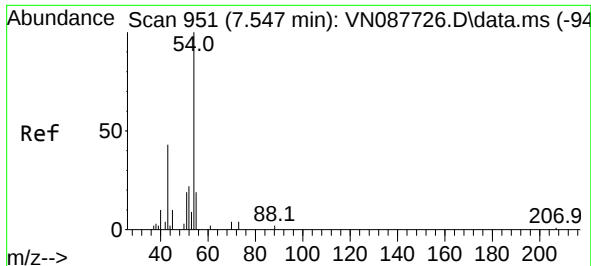
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#42
Vinyl Acetate
Concen: 87.715 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

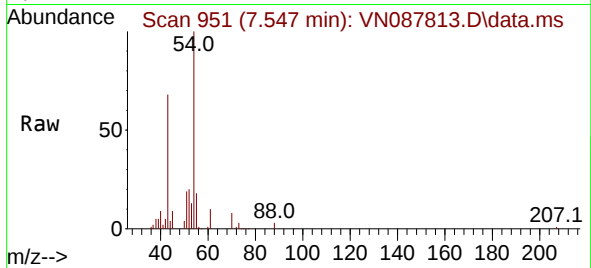
Tgt Ion: 43 Resp: 962355
Ion Ratio Lower Upper
43 100
86 10.0 7.7 11.5





#43
Ethyl Acetate
Concen: 17.114 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

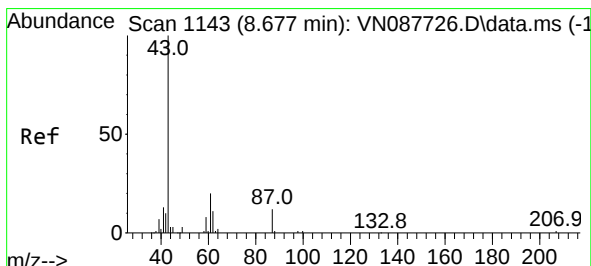
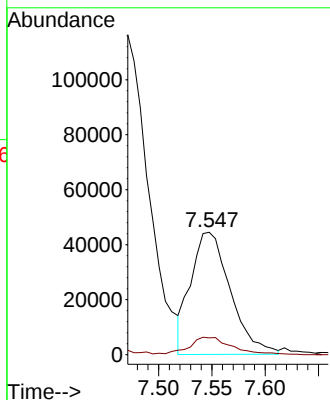
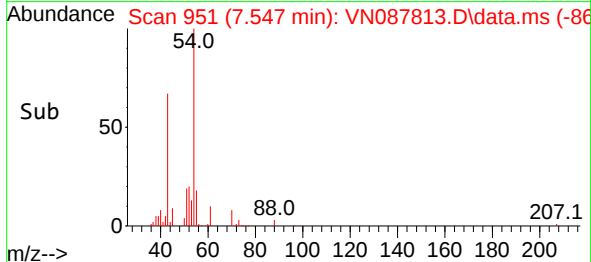
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 43 Resp: 114815
Ion Ratio Lower Upper
43 100
45 15.3 10.5 15.7

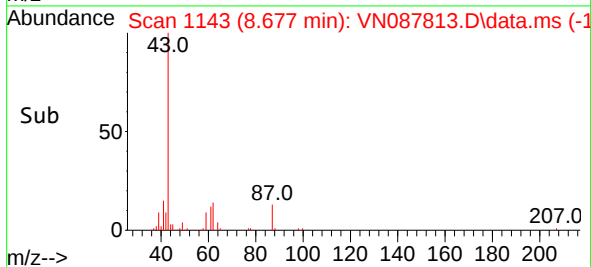
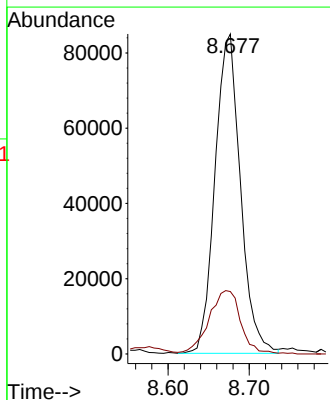
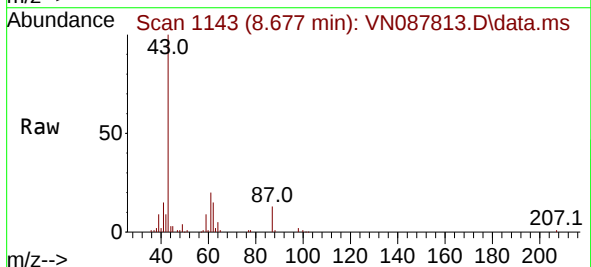
Manual Integrations
APPROVED

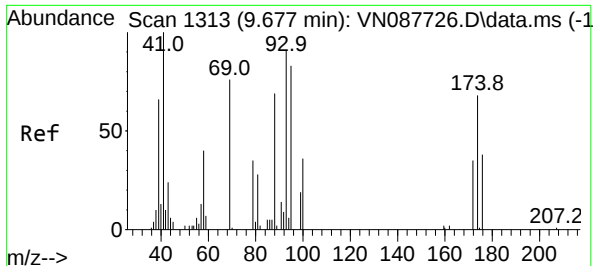
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#44
Isopropyl Acetate
Concen: 17.579 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

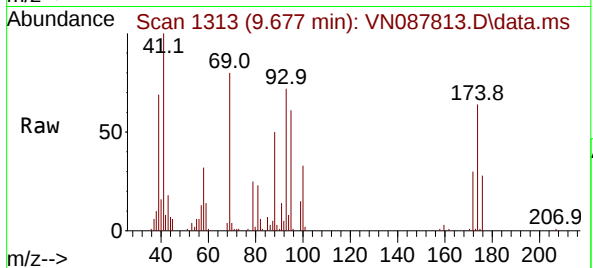
Tgt Ion: 43 Resp: 184887
Ion Ratio Lower Upper
43 100
61 23.2 19.5 29.3





#45
1,4-Dioxane
Concen: 400.115 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

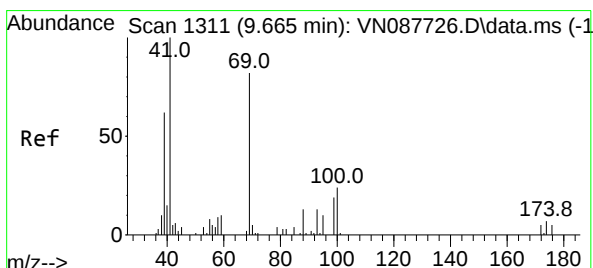
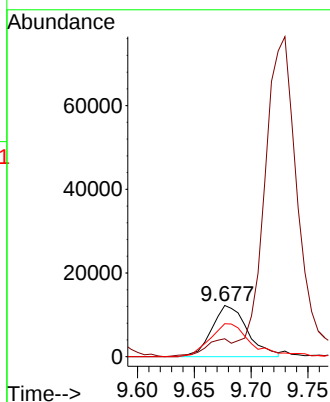
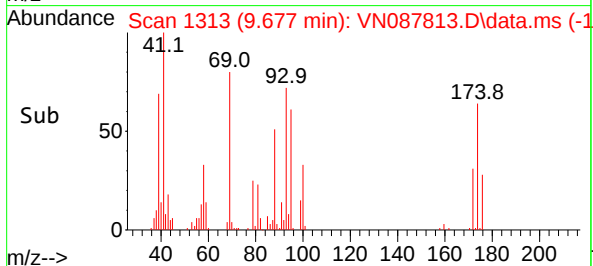
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



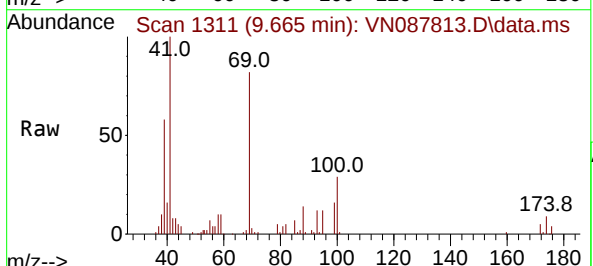
Tgt Ion: 88 Resp: 26538
Ion Ratio Lower Upper
88 100
43 25.9 23.6 35.4
58 73.0 60.5 90.7

Manual Integrations
APPROVED

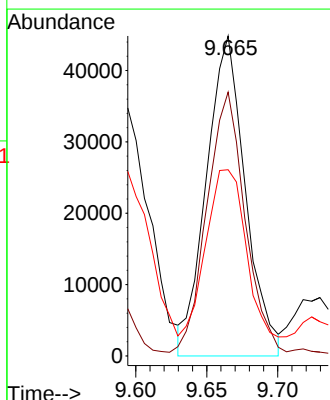
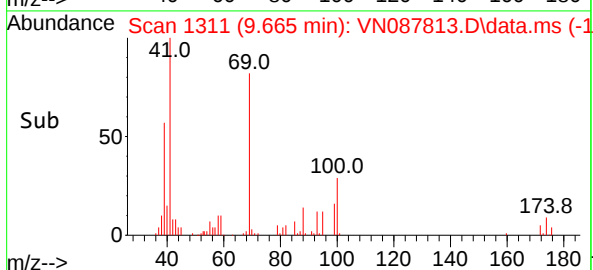
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

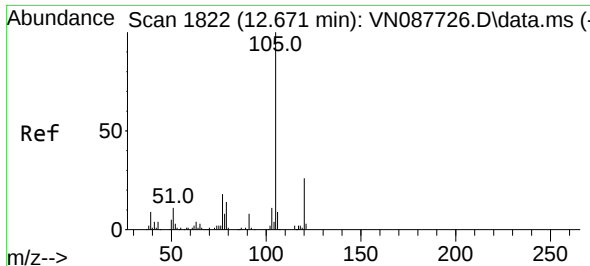


#46
Methyl methacrylate
Concen: 17.645 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06



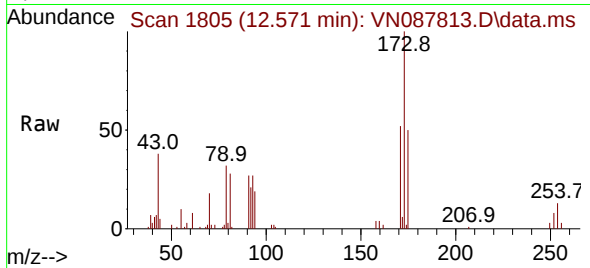
Tgt Ion: 41 Resp: 85538
Ion Ratio Lower Upper
41 100
69 85.4 40.3 120.9
39 56.1 31.9 95.9





#47
n-amy1 Acetate
Concen: 14.861 ug/l m
RT: 12.571 min Scan# 1822
Delta R.T. -0.100 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

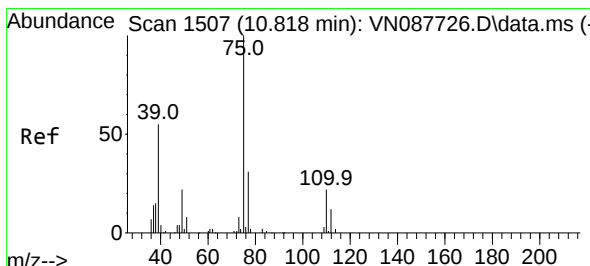
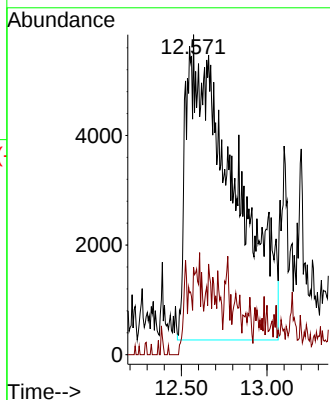
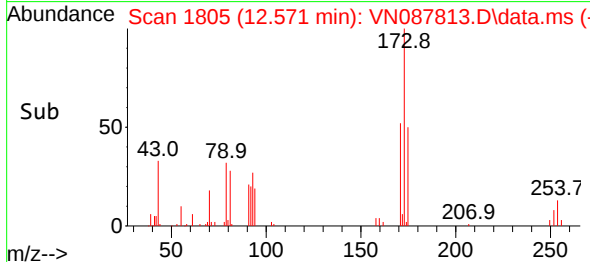
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 43 Resp: 105619
Ion Ratio Lower Upper
43 100
55 1.1 0.7 1.1

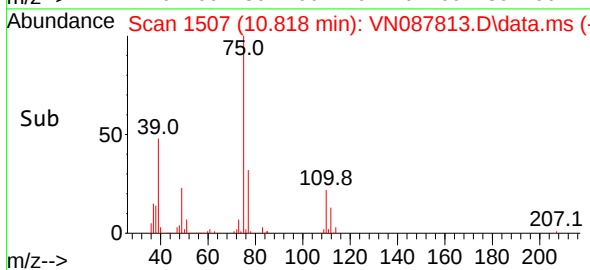
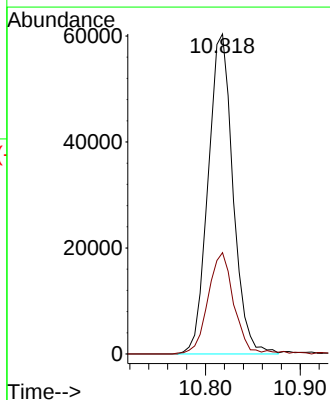
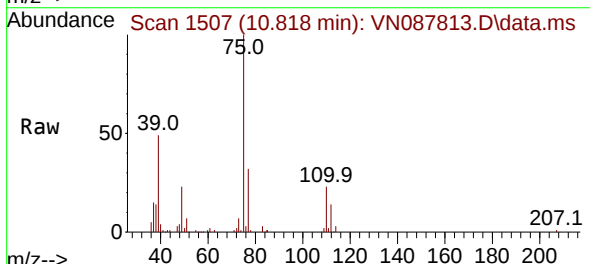
Manual Integrations
APPROVED

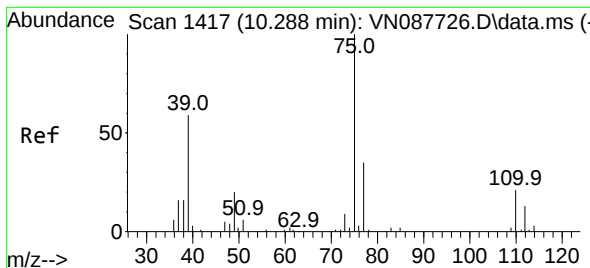
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#48
t-1,3-Dichloropropene
Concen: 17.661 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

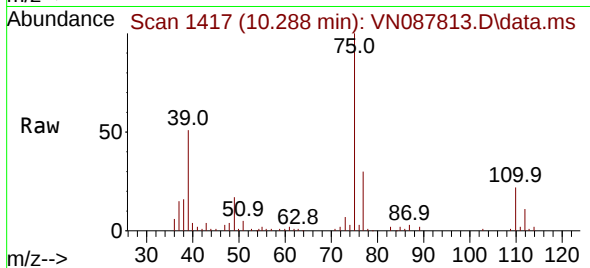
Tgt Ion: 75 Resp: 110087
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1





#49
 cis-1,3-Dichloropropene
 Concen: 18.784 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

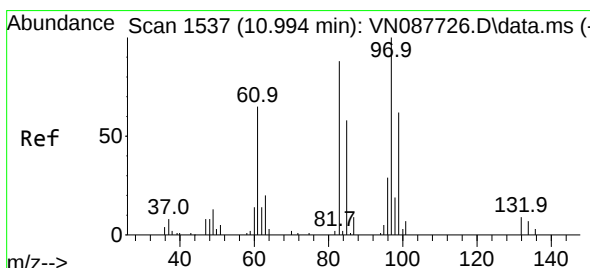
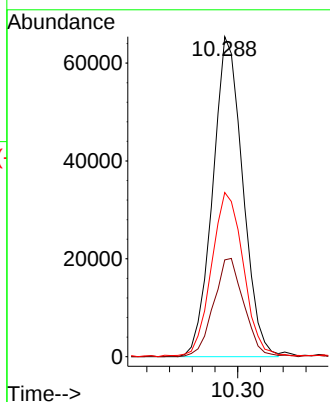
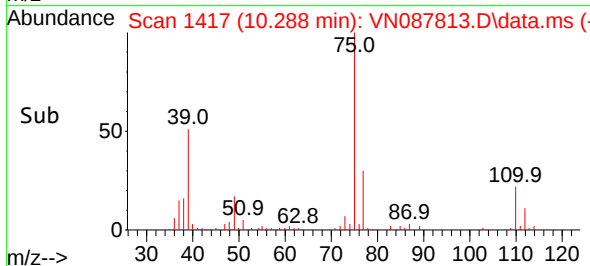
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



Tgt Ion: 75 Resp: 119920
 Ion Ratio Lower Upper
 75 100
 77 30.3 27.8 41.6
 39 50.9 47.6 71.4

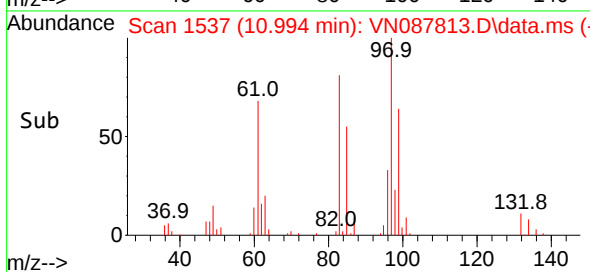
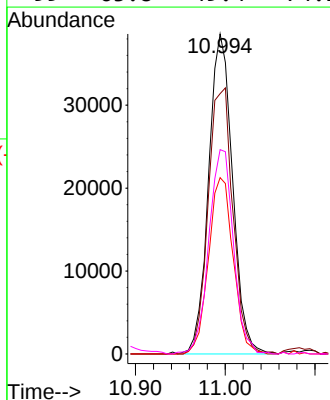
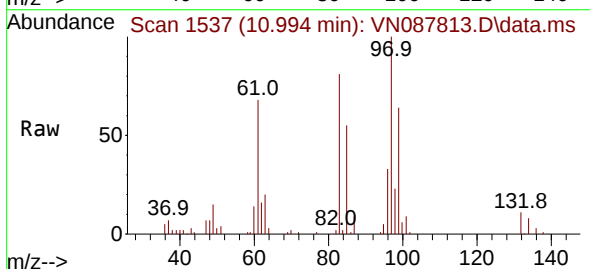
Manual Integrations
 APPROVED

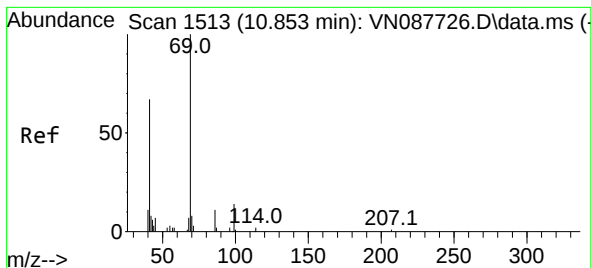
Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.878 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

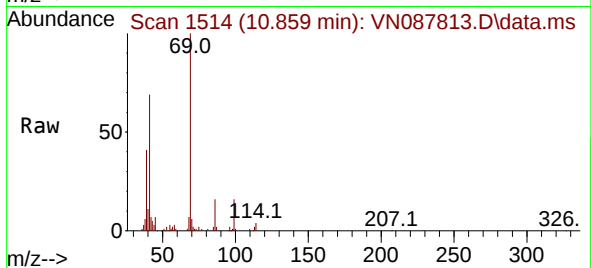
Tgt Ion: 97 Resp: 71598
 Ion Ratio Lower Upper
 97 100
 83 81.4 70.5 105.7
 85 55.1 46.3 69.5
 99 63.8 49.4 74.2





#51
Ethyl methacrylate
Concen: 18.270 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

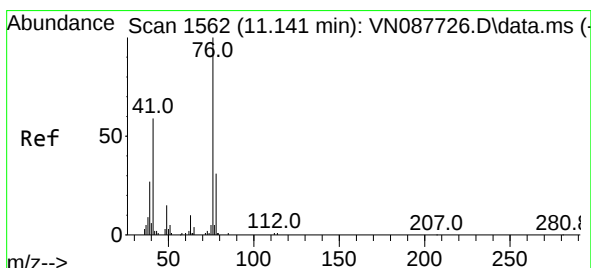
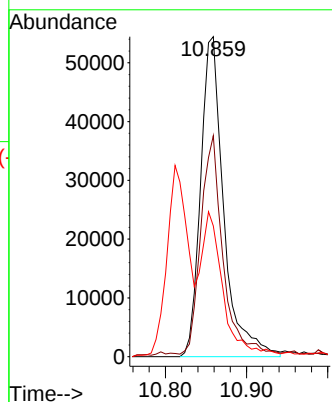
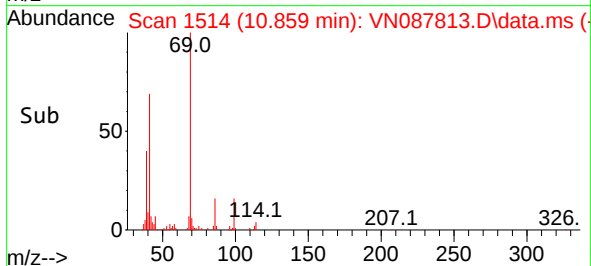
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 69 Resp: 10783
Ion Ratio Lower Upper
69 100
41 68.3 33.7 101.0
39 40.0 20.3 60.9

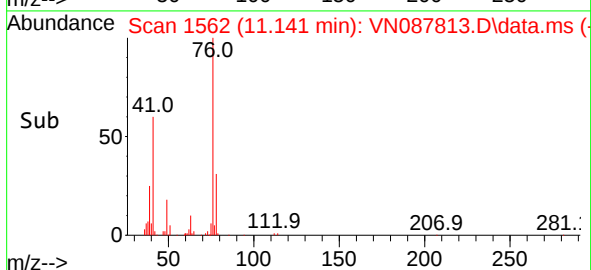
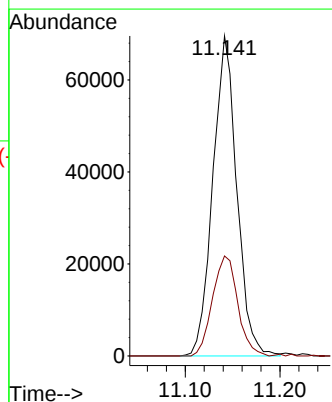
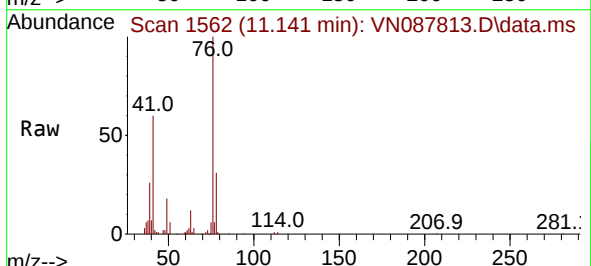
Manual Integrations
APPROVED

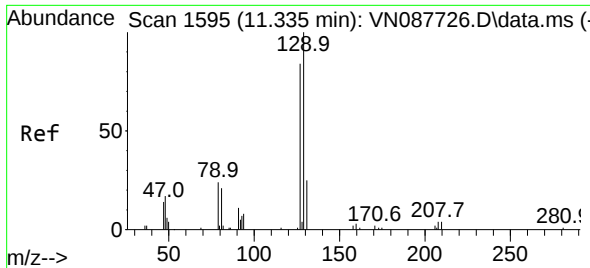
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#52
1,3-Dichloropropane
Concen: 18.583 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

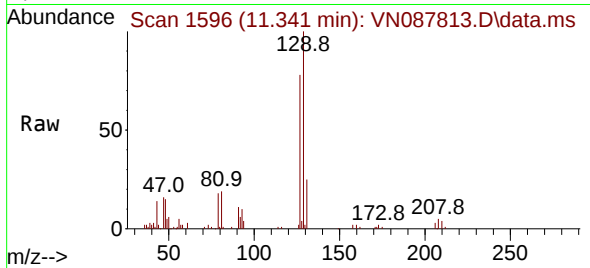
Tgt Ion: 76 Resp: 122386
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.2





#53
Dibromochloromethane
Concen: 19.211 ug/l
RT: 11.341 min Scan# 11341
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

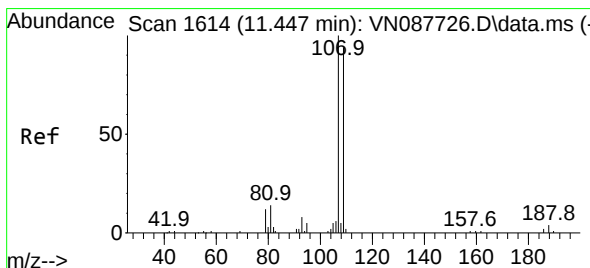
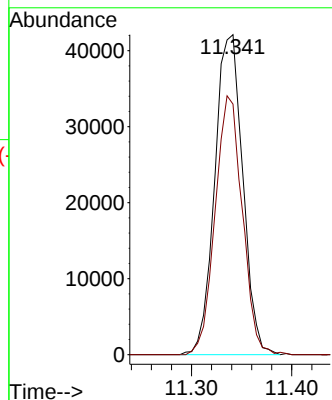
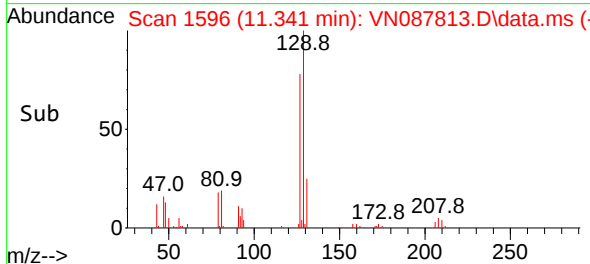
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



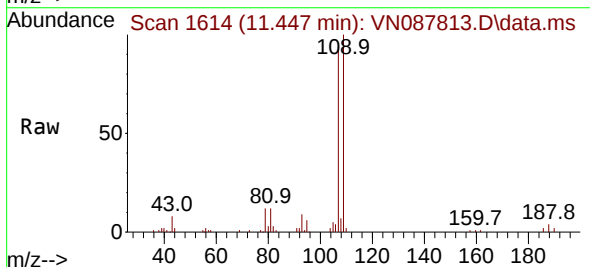
Tgt Ion:129 Resp: 81694
Ion Ratio Lower Upper
129 100
127 78.3 42.6 128.0

Manual Integrations
APPROVED

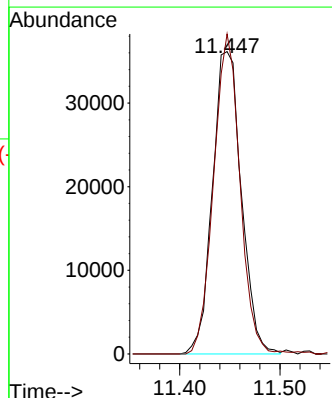
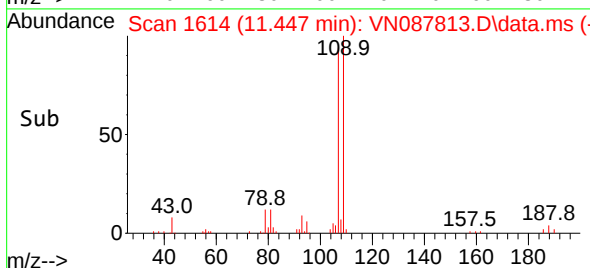
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

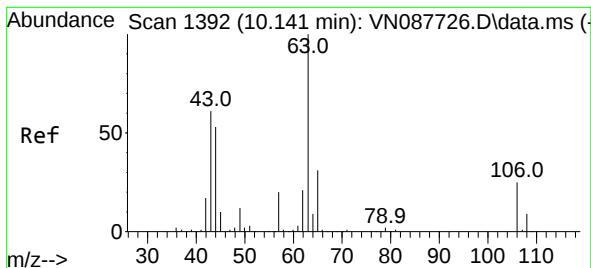


#54
1,2-Dibromoethane
Concen: 18.328 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06



Tgt Ion:107 Resp: 72329
Ion Ratio Lower Upper
107 100
109 95.8 74.6 112.0





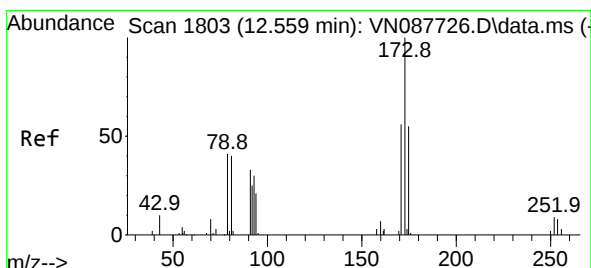
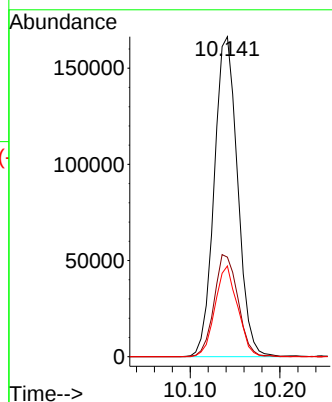
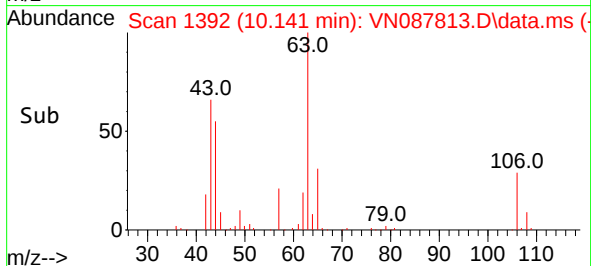
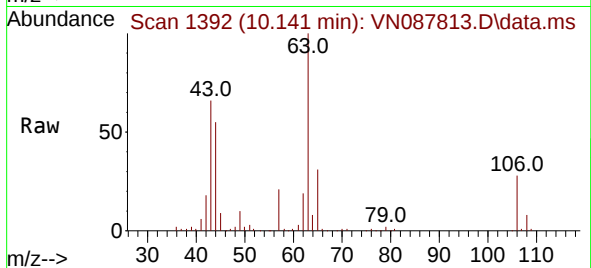
#55
2-Chloroethyl vinyl ether
Concen: 88.953 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 63 Resp: 300818
Ion Ratio Lower Upper
63 100
65 32.6 26.6 40.0
106 27.3 21.1 31.7

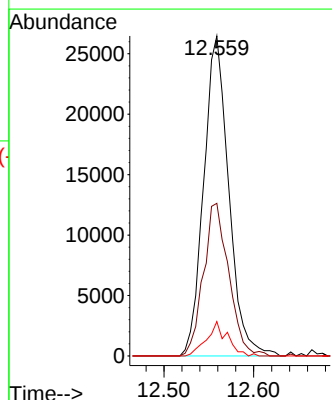
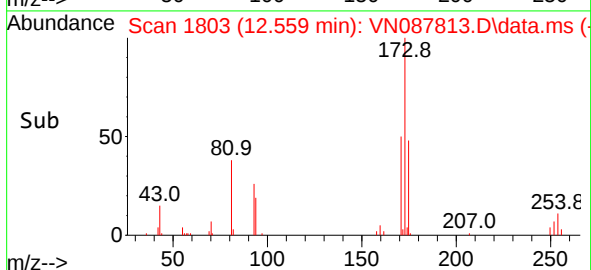
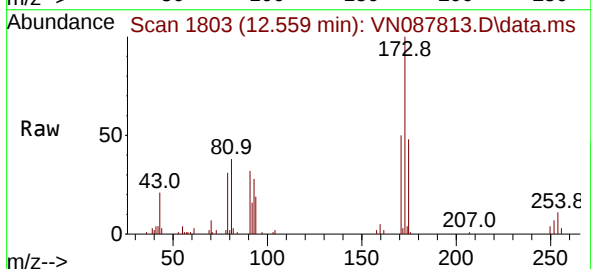
Manual Integrations
APPROVED

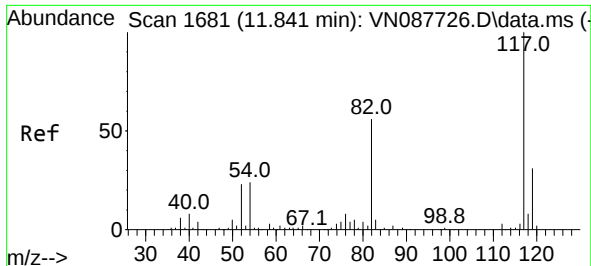
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#56
Bromoform
Concen: 18.470 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

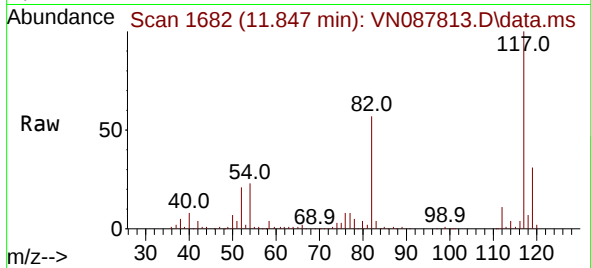
Tgt Ion:173 Resp: 51291
Ion Ratio Lower Upper
173 100
175 47.9 39.8 59.6
254 8.7 6.2 9.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

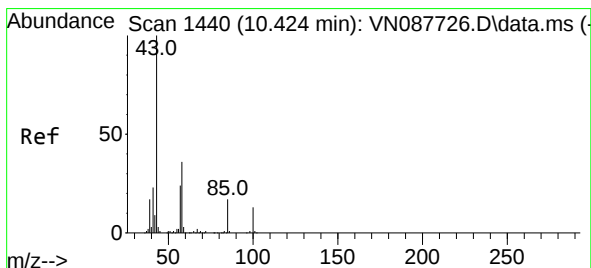
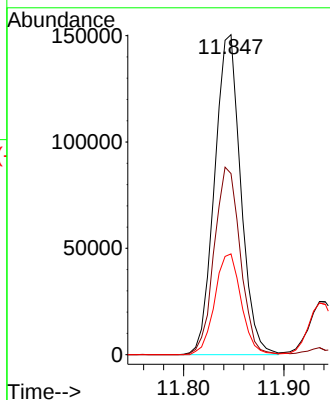
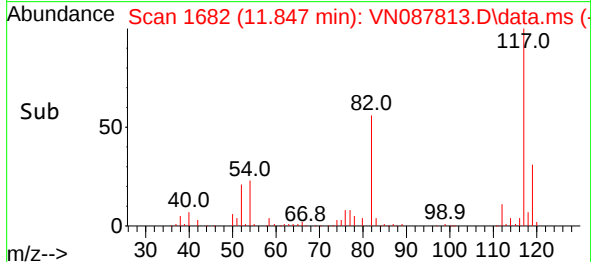
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:117 Resp: 272699
Ion Ratio Lower Upper
117 100
82 58.4 45.9 68.9
119 31.8 25.3 37.9

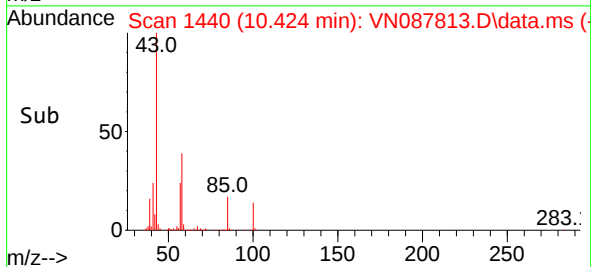
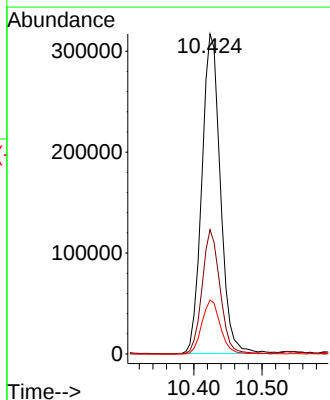
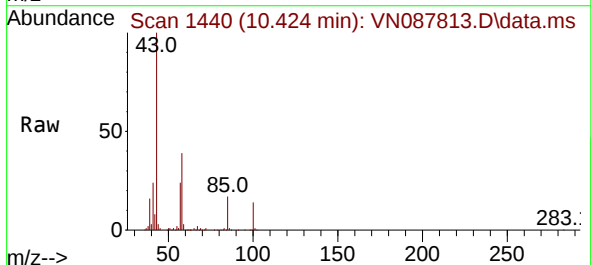
Manual Integrations
APPROVED

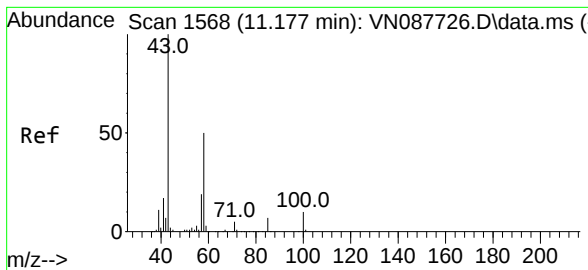
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#58
4-Methyl-2-Pentanone
Concen: 92.979 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

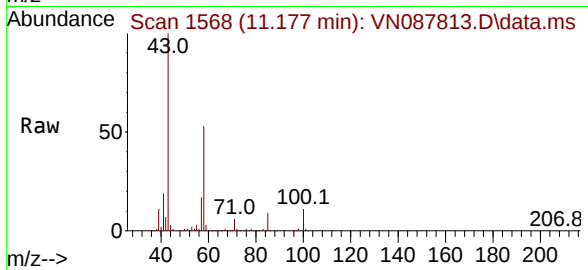
Tgt Ion: 43 Resp: 599526
Ion Ratio Lower Upper
43 100
58 37.7 29.6 44.4
85 16.8 13.0 19.4





#59
2-Hexanone
Concen: 90.154 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

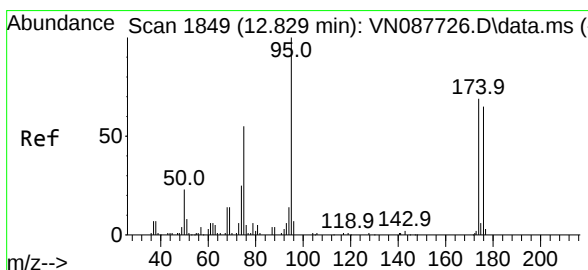
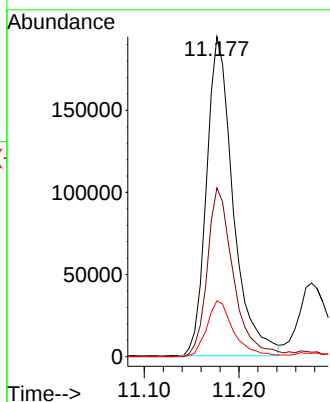
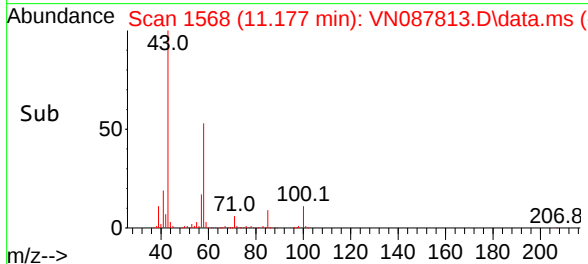
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 43 Resp: 379850
Ion Ratio Lower Upper
43 100
58 51.9 40.2 60.4
57 17.9 13.7 20.5

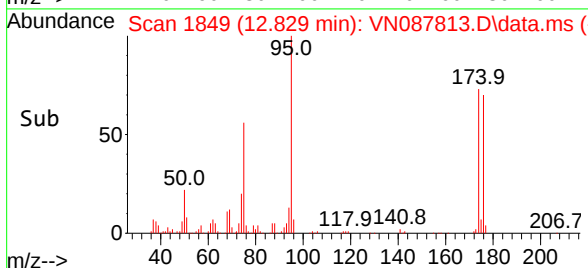
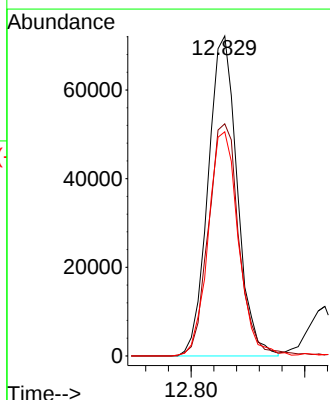
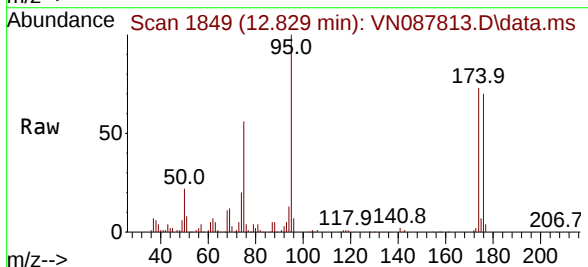
Manual Integrations
APPROVED

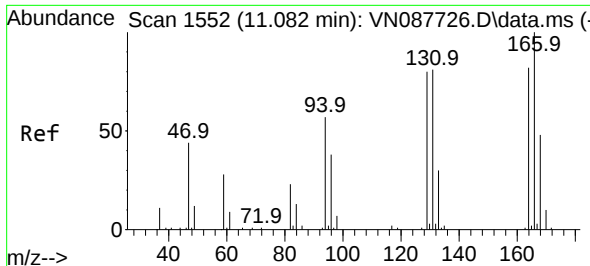
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#60
4-Bromofluorobenzene
Concen: 29.333 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

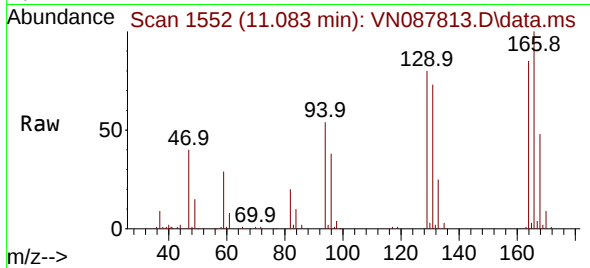
Tgt Ion: 95 Resp: 128618
Ion Ratio Lower Upper
95 100
174 76.4 55.4 83.0
176 72.5 51.5 77.3





#61
Tetrachloroethene
Concen: 21.000 ug/l
RT: 11.083 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

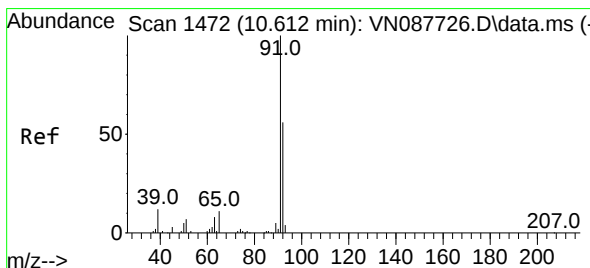
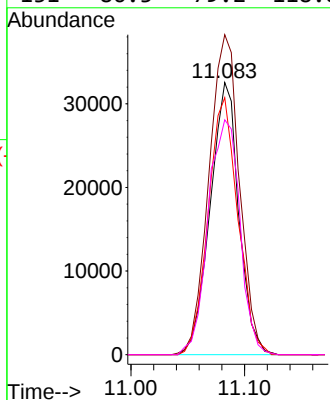
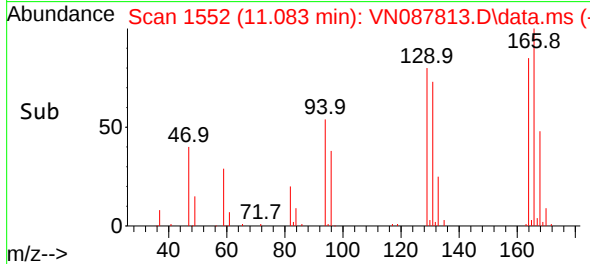
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:164 Resp: 57018
Ion Ratio Lower Upper
164 100
166 117.6 97.3 145.9
129 94.4 78.6 117.8
131 86.3 79.2 118.8

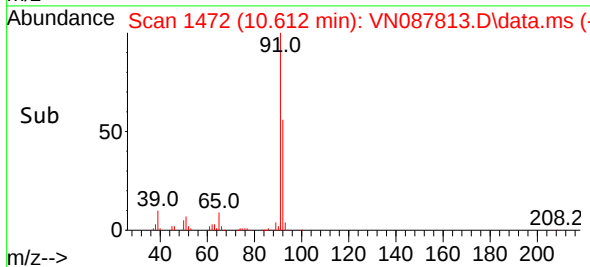
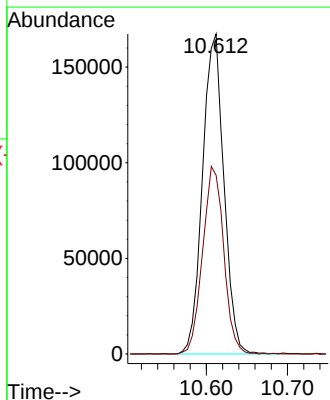
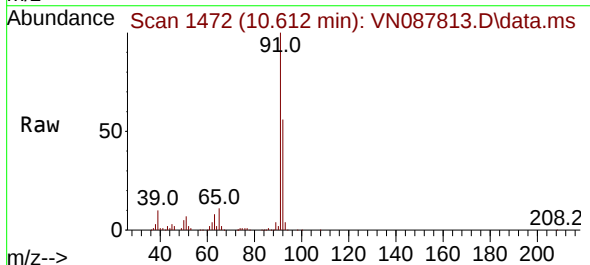
Manual Integrations
APPROVED

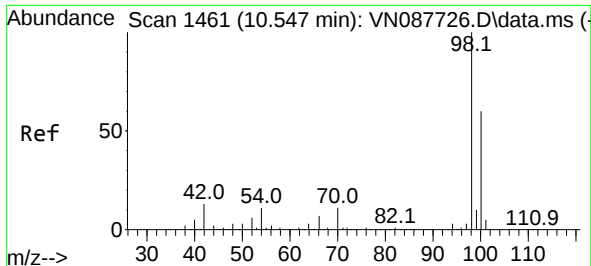
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#62
Toluene
Concen: 18.563 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

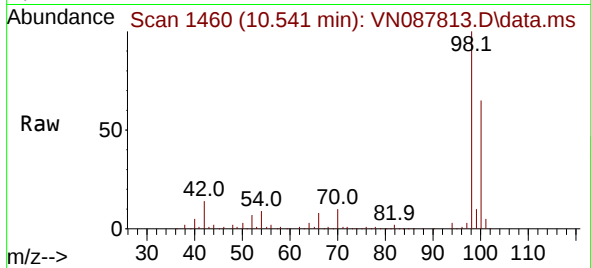
Tgt Ion: 91 Resp: 306195
Ion Ratio Lower Upper
91 100
92 57.8 45.4 68.0





#63
Toluene-d8
Concen: 29.850 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

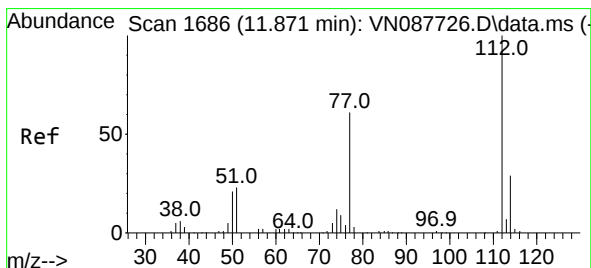
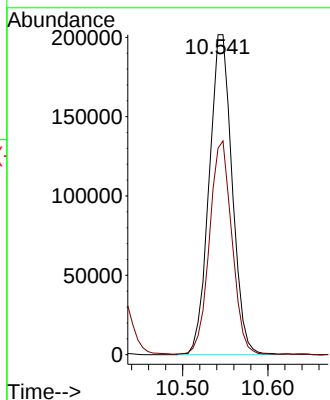
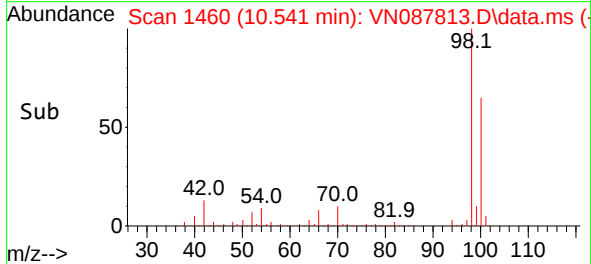
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 98 Resp: 378550
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0

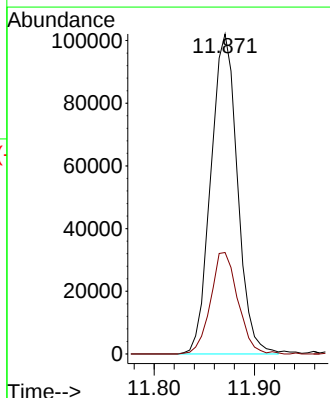
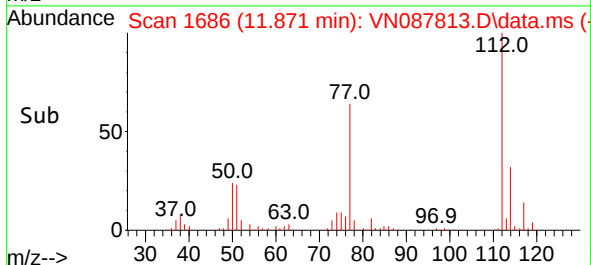
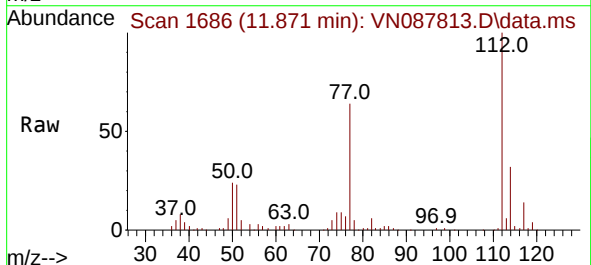
Manual Integrations
APPROVED

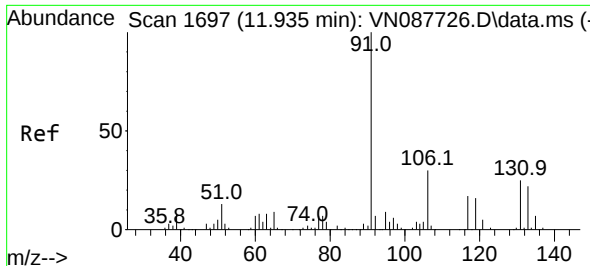
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#64
Chlorobenzene
Concen: 18.600 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

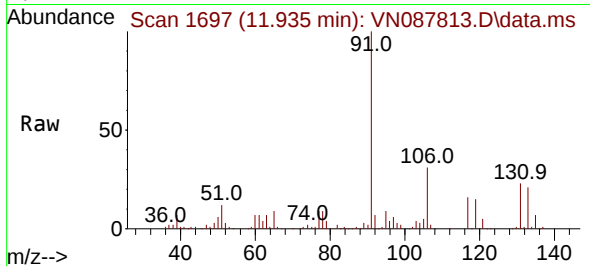
Tgt Ion:112 Resp: 188308
Ion Ratio Lower Upper
112 100
114 31.7 23.5 35.3





#65
1,1,1,2-Tetrachloroethane
Concen: 18.741 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

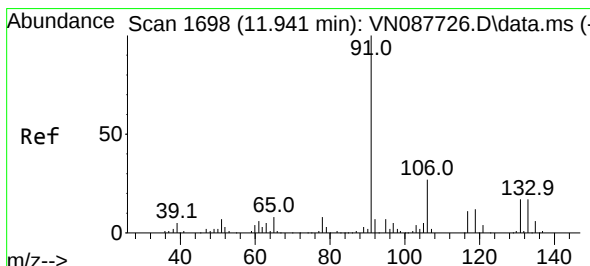
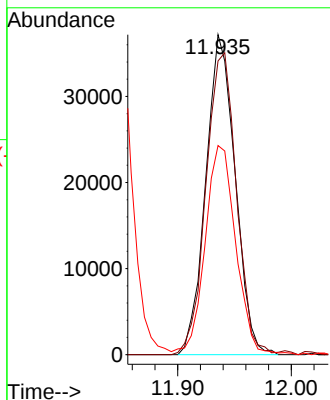
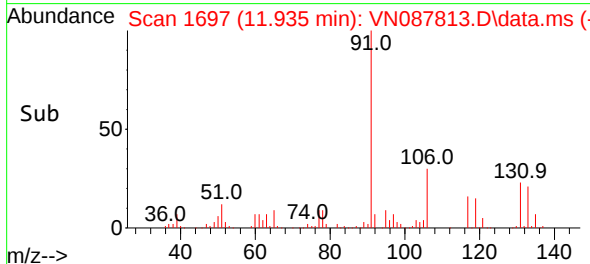
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



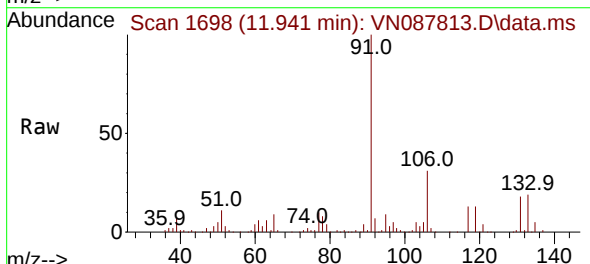
Tgt Ion:131 Resp: 6680
Ion Ratio Lower Upper
131 100
133 97.7 0.0 195.8
119 67.9 0.0 139.0

Manual Integrations
APPROVED

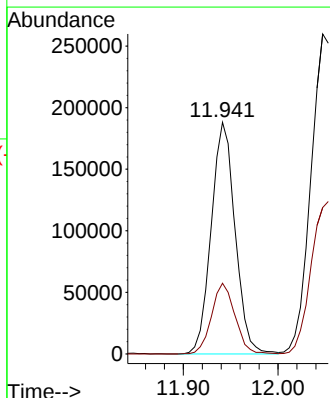
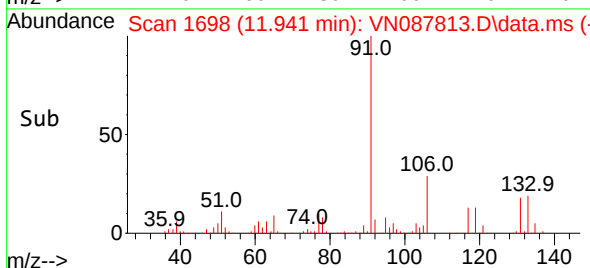
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

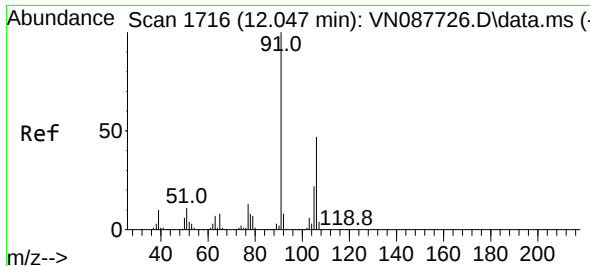


#66
Ethyl Benzene
Concen: 18.531 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06



Tgt Ion: 91 Resp: 329763
Ion Ratio Lower Upper
91 100
106 30.6 21.3 31.9





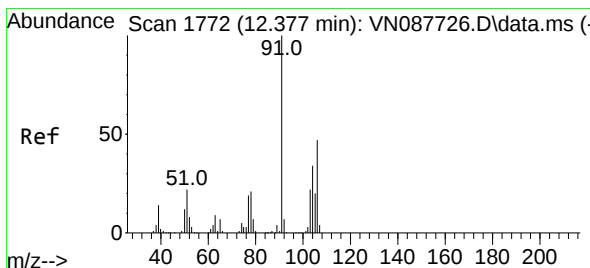
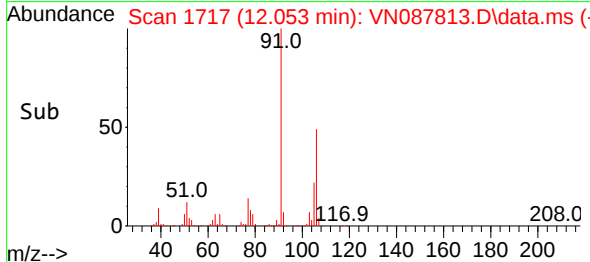
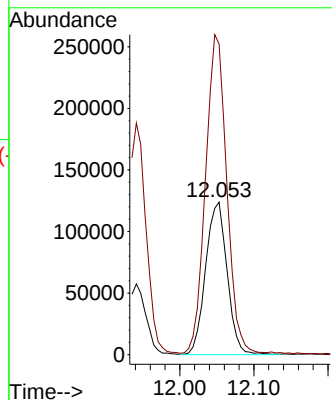
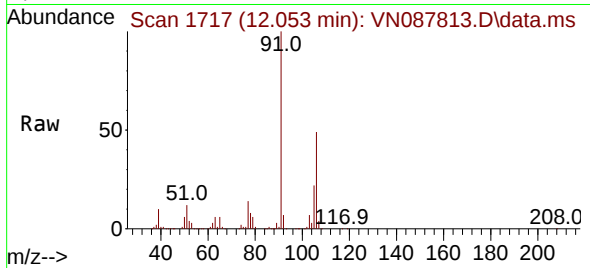
#67
m/p-Xylenes
Concen: 37.915 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:106 Resp: 250458
Ion Ratio Lower Upper
106 100
91 206.2 174.3 261.5

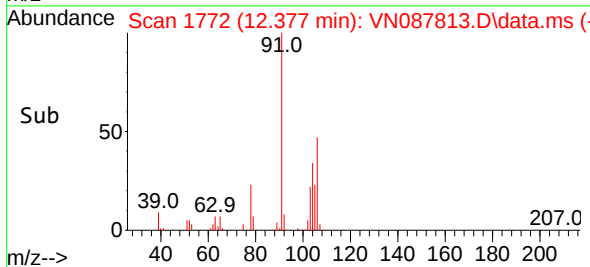
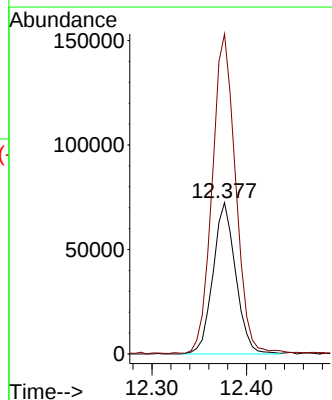
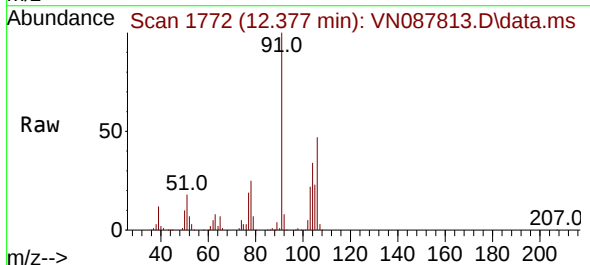
Manual Integrations
APPROVED

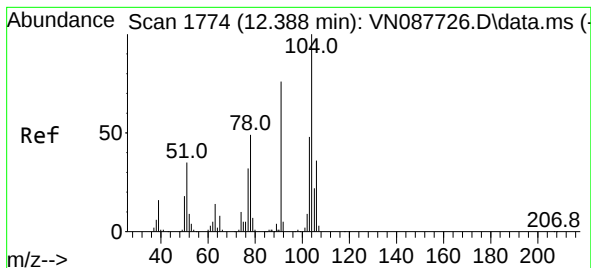
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#68
o-Xylene
Concen: 18.815 ug/l
RT: 12.377 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:106 Resp: 120504
Ion Ratio Lower Upper
106 100
91 215.6 107.7 323.3





#69

Styrene

Concen: 18.061 ug/l

RT: 12.388 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

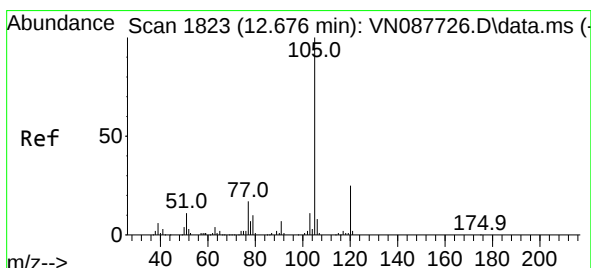
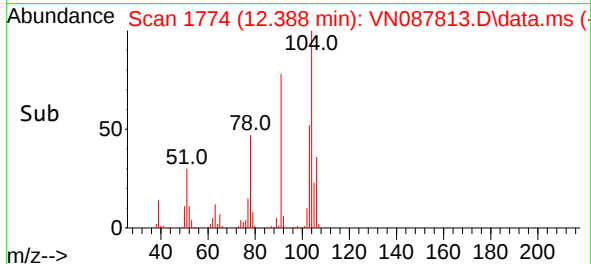
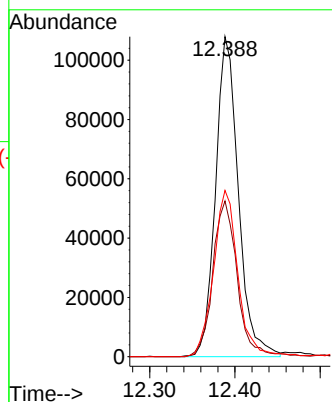
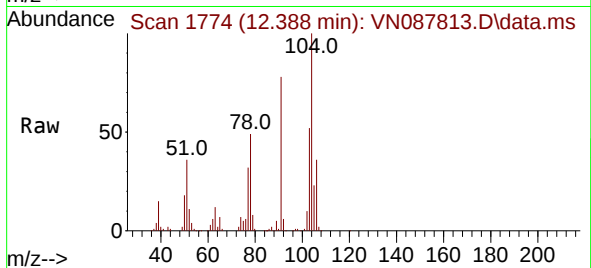
VN0912WBSD01

Tgt Ion:	104	Resp:	201054
Ion Ratio	Lower	Upper	
104	100		
78	51.4	41.0	61.6
103	55.7	44.6	66.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#70

Isopropylbenzene

Concen: 19.070 ug/l

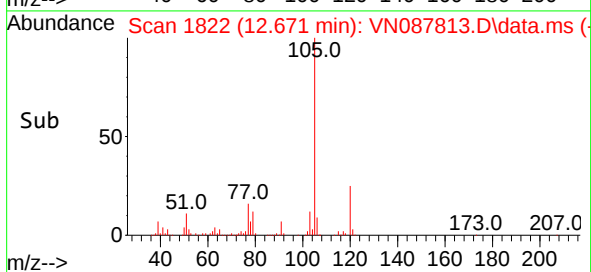
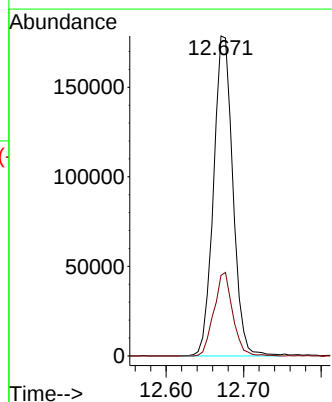
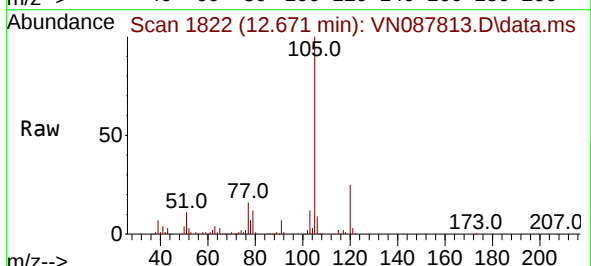
RT: 12.671 min Scan# 1822

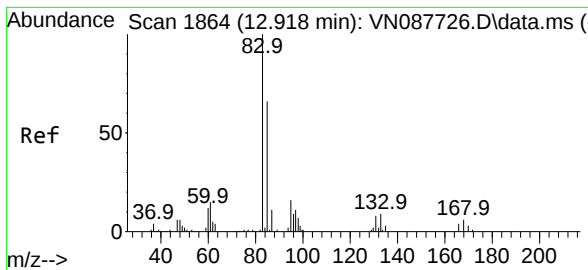
Delta R.T. -0.006 min

Lab File: VN087813.D

Acq: 12 Sep 2025 11:06

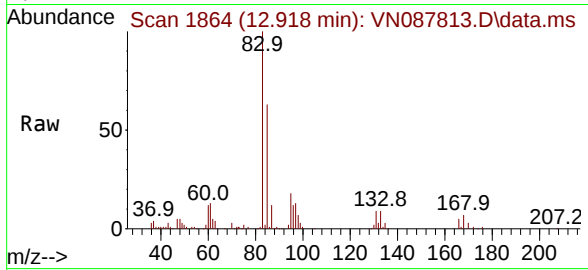
Tgt Ion:	105	Resp:	309691
Ion Ratio	Lower	Upper	
105	100		
120	25.2	17.4	32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 18.872 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

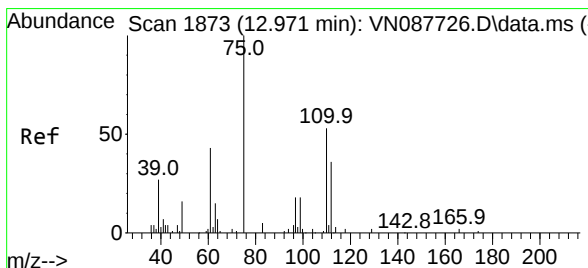
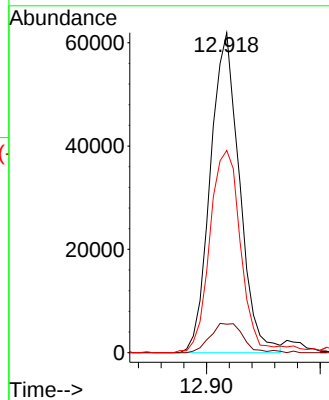
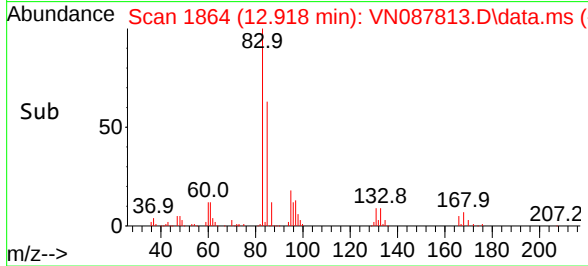
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion: 83 Resp: 11018
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 66.0 31.9 95.7

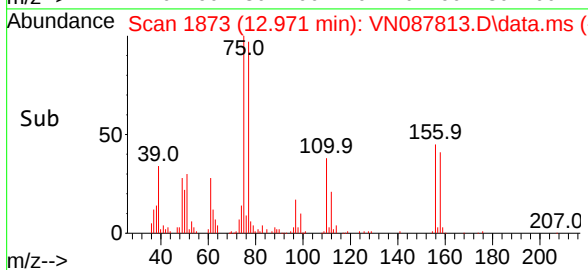
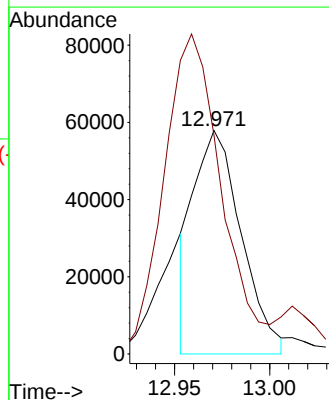
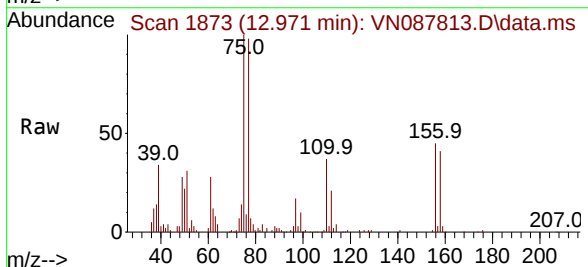
Manual Integrations
APPROVED

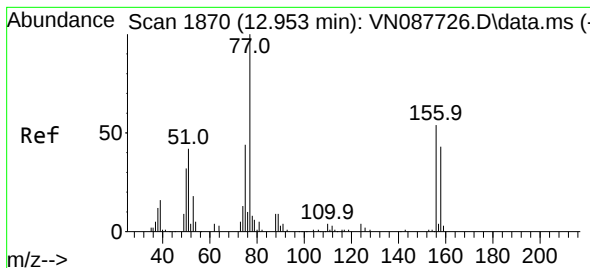
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#72
1,2,3-Trichloropropane
Concen: 17.640 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

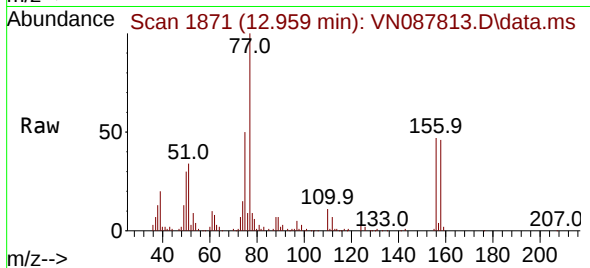
Tgt Ion: 75 Resp: 101119
Ion Ratio Lower Upper
75 100
77 172.9 0.0 378.8





#73
Bromobenzene
Concen: 18.821 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

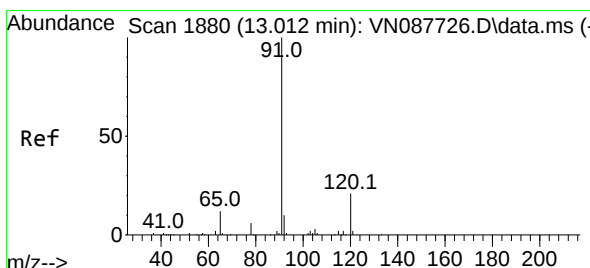
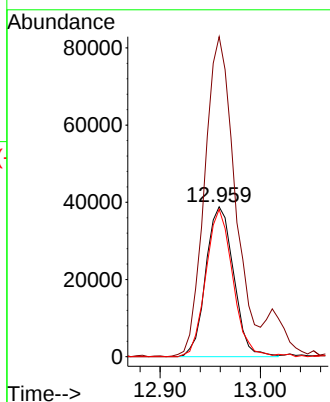
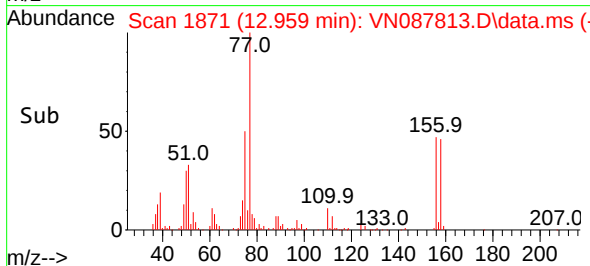
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:156 Resp: 74780
Ion Ratio Lower Upper
156 100
77 233.8 0.0 484.2
158 95.1 0.0 186.2

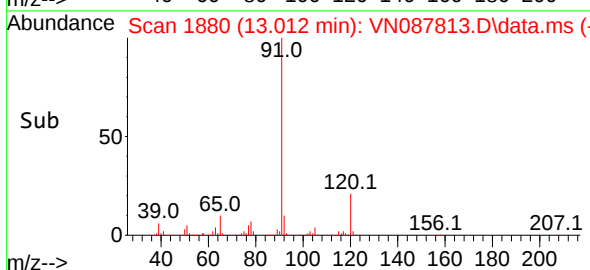
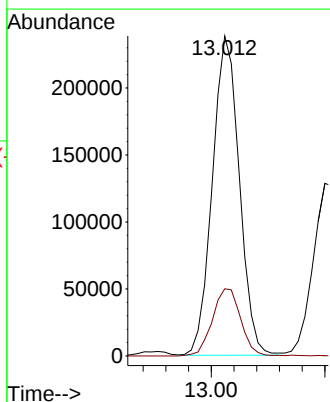
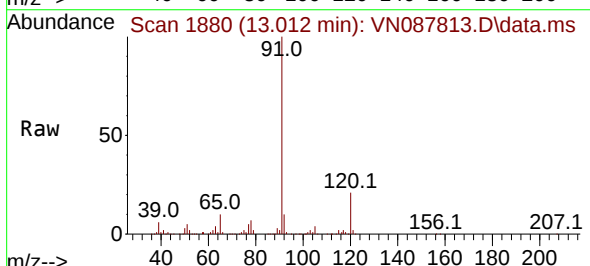
Manual Integrations
APPROVED

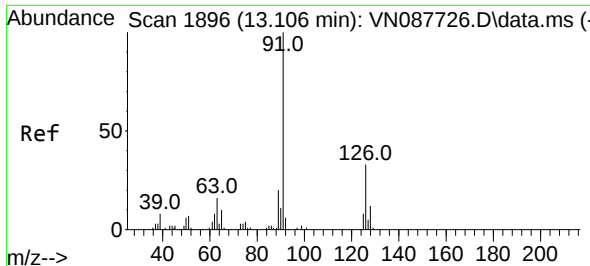
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#74
n-propylbenzene
Concen: 19.154 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion: 91 Resp: 392483
Ion Ratio Lower Upper
91 100
120 22.1 0.0 42.2





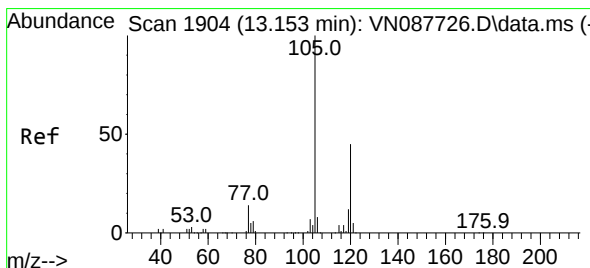
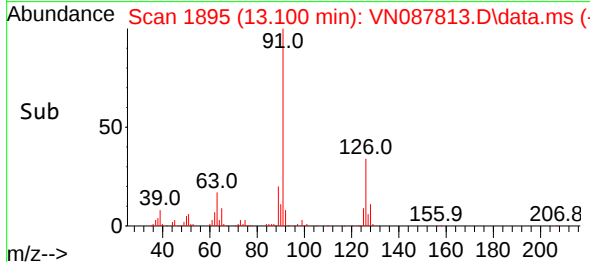
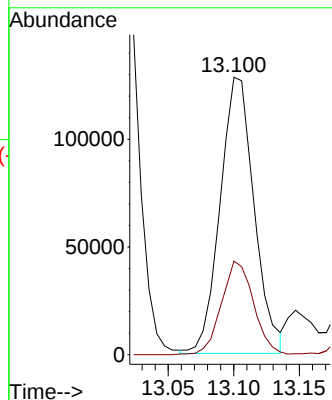
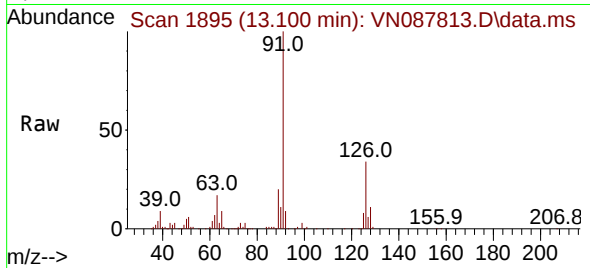
#75
2-Chlorotoluene
Concen: 18.791 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 91 Resp: 23174
Ion Ratio Lower Upper
91 100
126 31.9 0.0 60.4

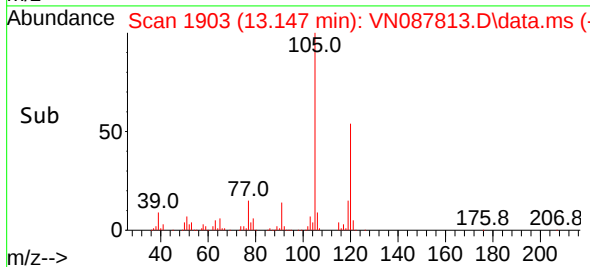
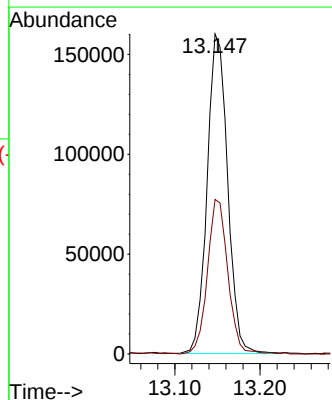
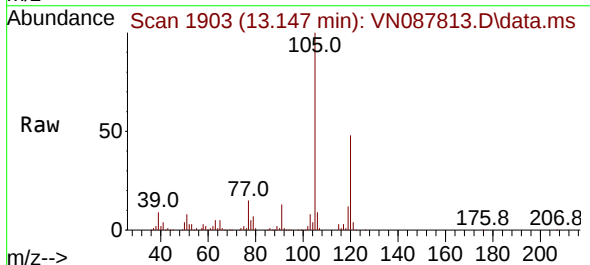
Manual Integrations
APPROVED

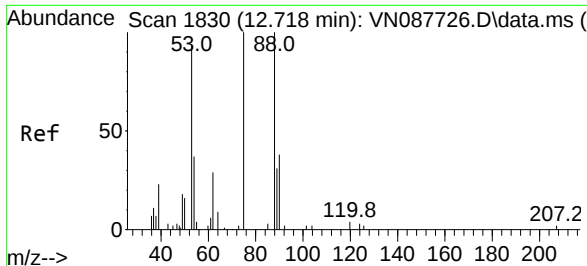
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.477 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

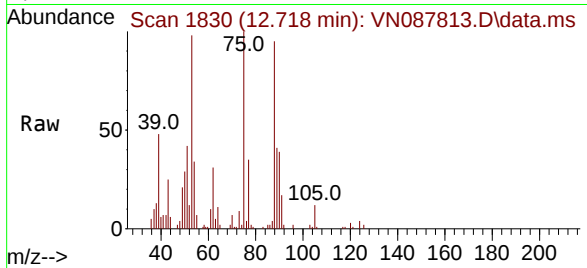
Tgt Ion:105 Resp: 267103
Ion Ratio Lower Upper
105 100
120 48.1 0.0 92.6





#77
t-1,4-Dichloro-2-butene
Concen: 16.185 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

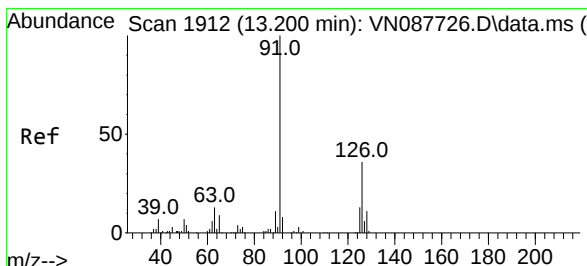
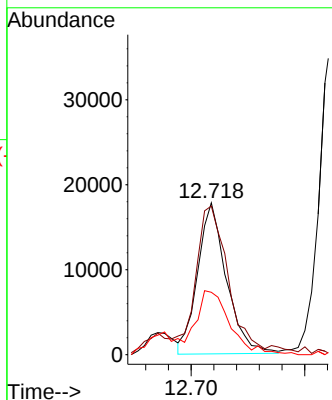
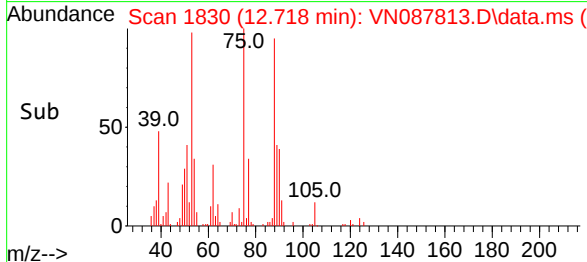
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.8	45.3	135.9
89	40.7	18.8	56.3

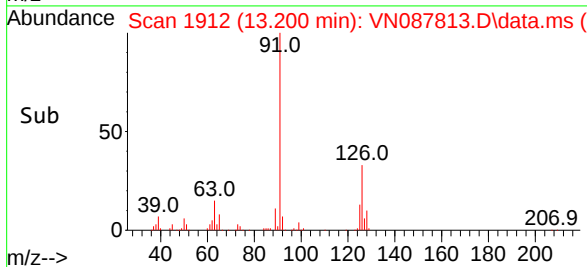
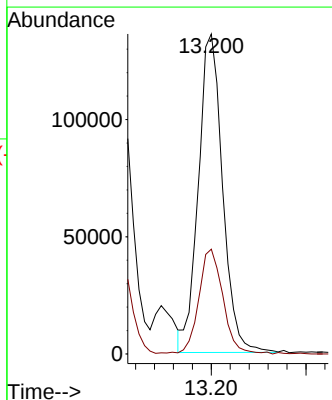
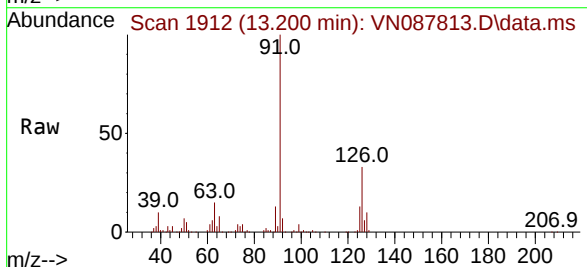
Manual Integrations
APPROVED

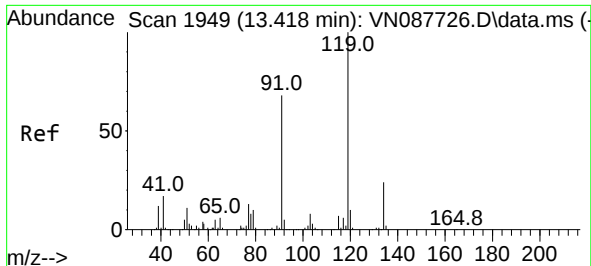
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#78
4-Chlorotoluene
Concen: 19.465 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

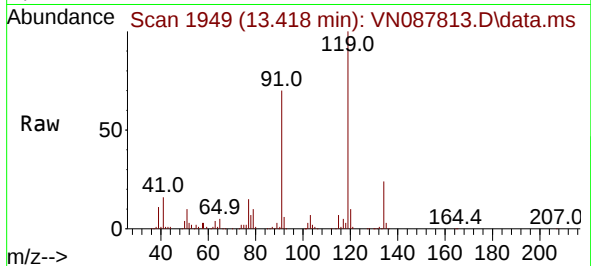
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	0.0	67.0





#79
tert-butylbenzene
Concen: 19.952 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

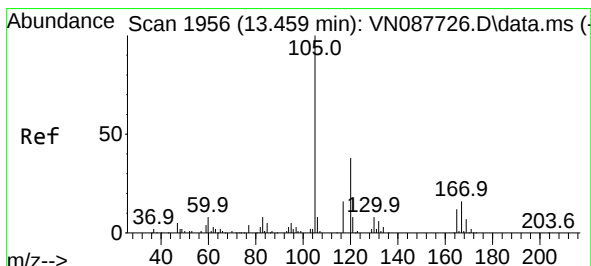
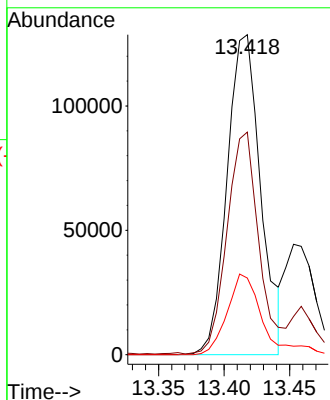
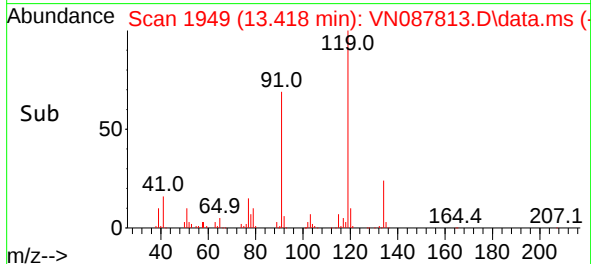
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



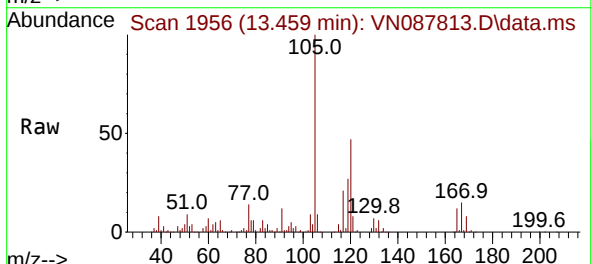
Tgt Ion:119 Resp: 229140
Ion Ratio Lower Upper
119 100
91 66.5 0.0 142.6
134 25.1 0.0 47.2

Manual Integrations
APPROVED

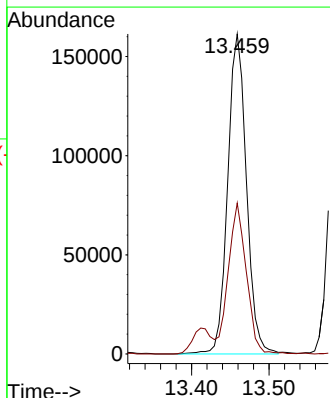
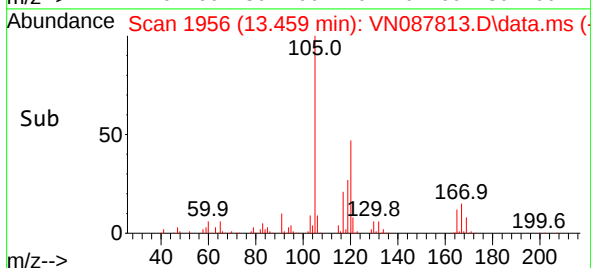
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

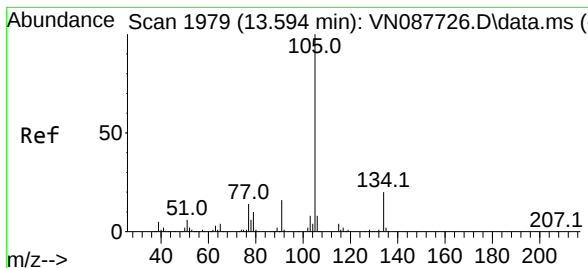


#80
1,2,4-Trimethylbenzene
Concen: 19.330 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06



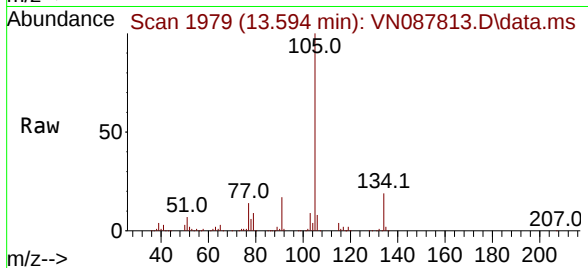
Tgt Ion:105 Resp: 271786
Ion Ratio Lower Upper
105 100
120 44.1 0.0 86.6





#81
 sec-Butylbenzene
 Concen: 20.512 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06

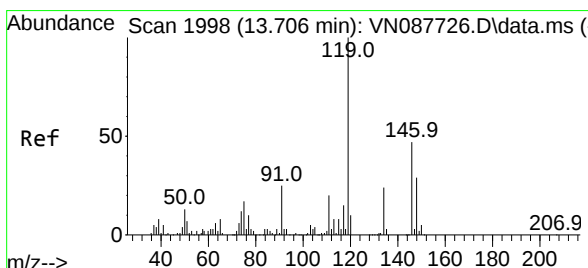
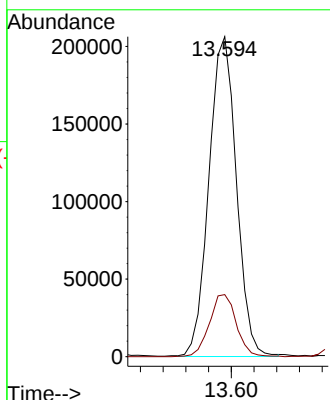
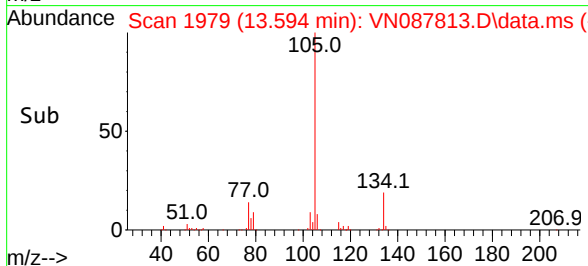
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBSD01



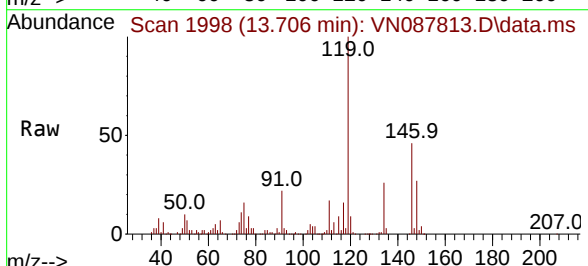
Tgt Ion:105 Resp: 346510
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.0

Manual Integrations
 APPROVED

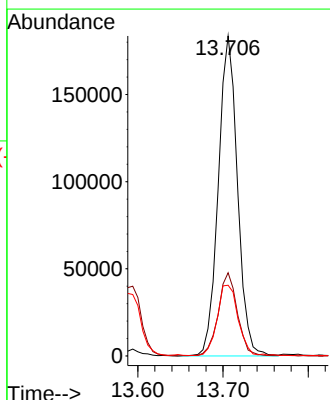
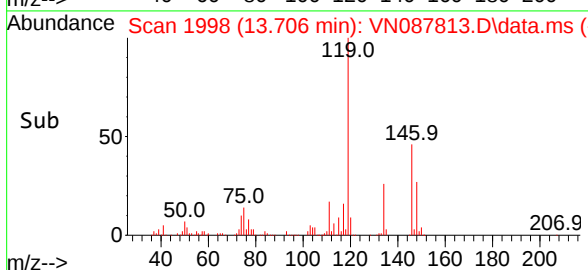
Reviewed By :Semsettin Yesilyurt 09/15/2025
 Supervised By :Mahesh Dadoda 09/15/2025

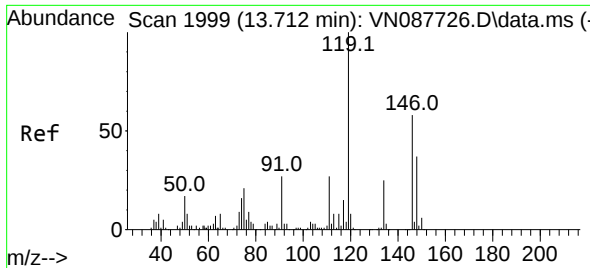


#82
 p-Isopropyltoluene
 Concen: 20.646 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087813.D
 Acq: 12 Sep 2025 11:06



Tgt Ion:119 Resp: 287370
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 49.4
 91 23.8 0.0 52.2





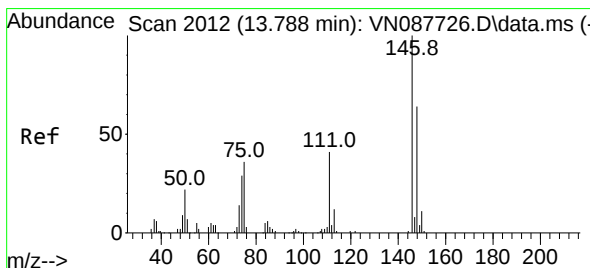
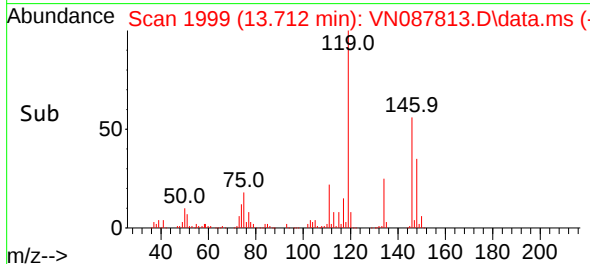
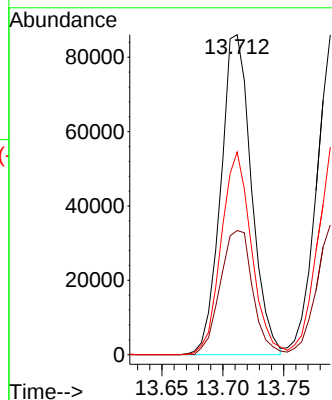
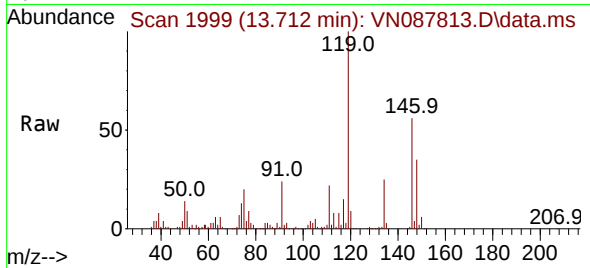
#83
1,3-Dichlorobenzene
Concen: 19.680 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion:146 Resp: 150754
Ion Ratio Lower Upper
146 100
111 41.2 21.1 63.4
148 62.6 31.0 93.0

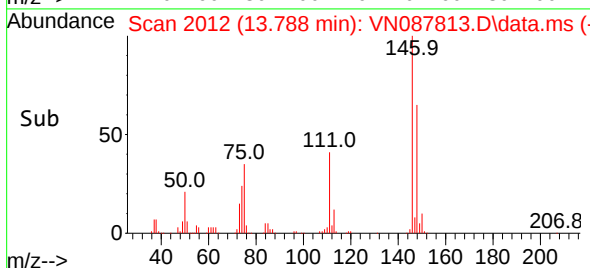
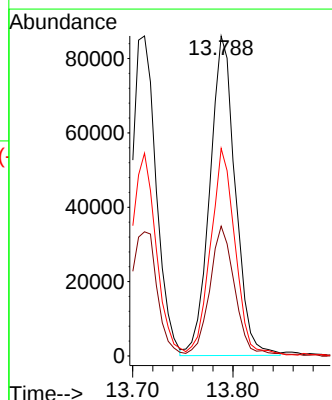
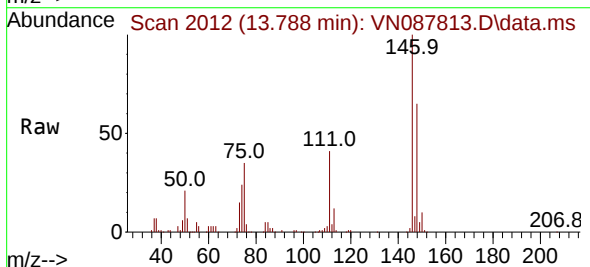
Manual Integrations
APPROVED

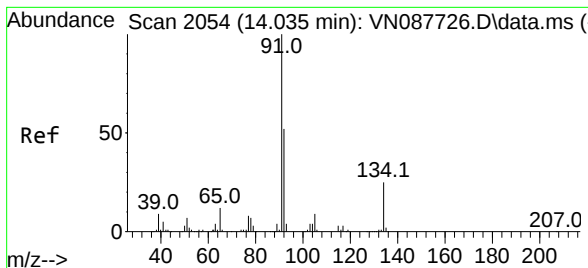
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#84
1,4-Dichlorobenzene
Concen: 19.813 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Tgt Ion:146 Resp: 152124
Ion Ratio Lower Upper
146 100
111 40.1 20.2 60.5
148 62.5 31.5 94.5





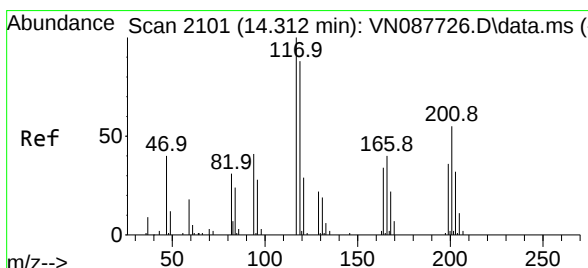
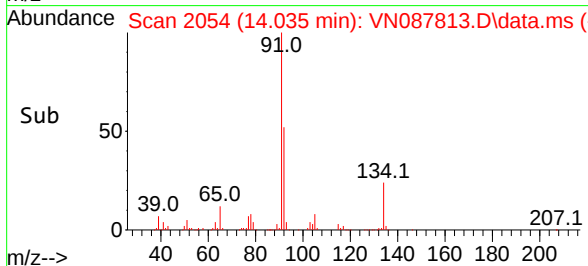
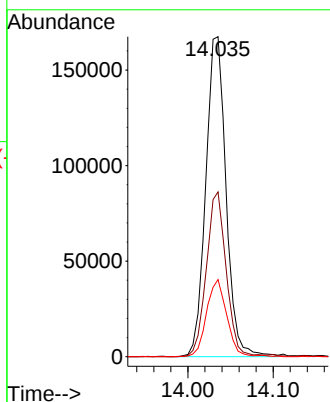
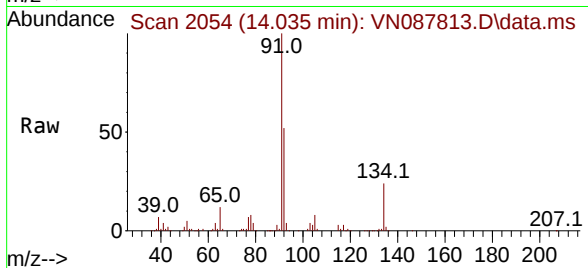
#85
n-Butylbenzene
Concen: 20.733 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01

Tgt Ion: 91 Resp: 277392
Ion Ratio Lower Upper
91 100
92 50.3 0.0 104.0
134 23.6 0.0 46.0

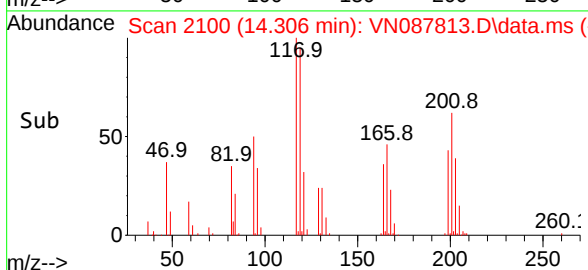
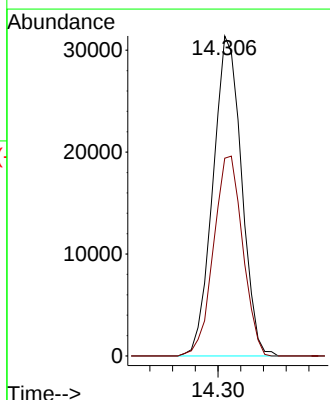
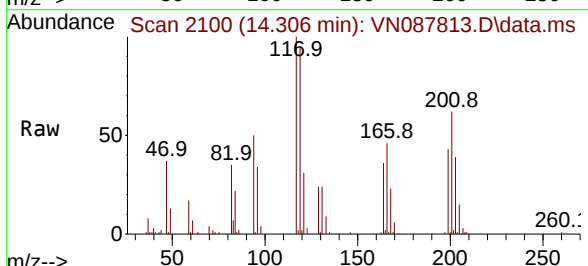
Manual Integrations
APPROVED

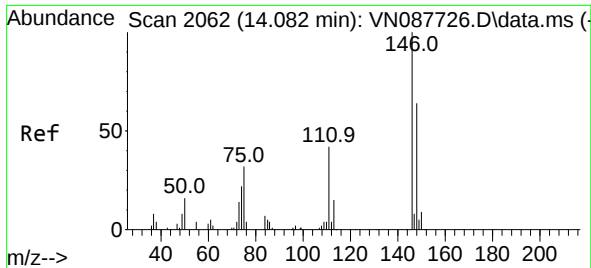
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#86
Hexachloroethane
Concen: 19.417 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

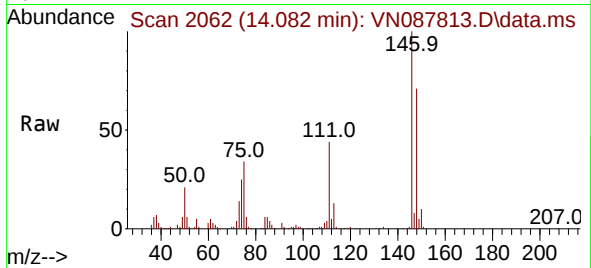
Tgt Ion:117 Resp: 54896
Ion Ratio Lower Upper
117 100
201 63.6 29.9 89.7





#87
1,2-Dichlorobenzene
Concen: 19.849 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

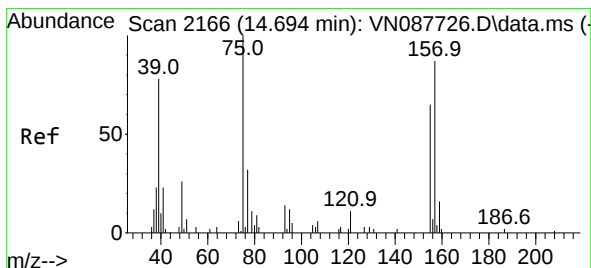
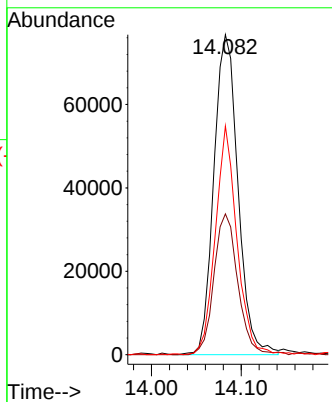
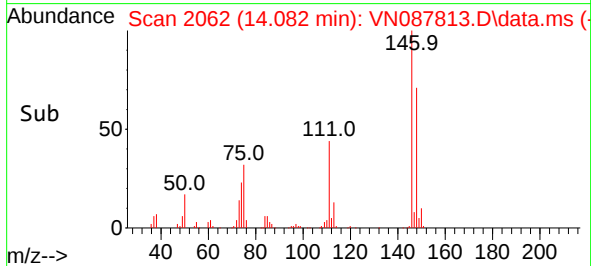
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



Tgt Ion:146 Resp: 143399
Ion Ratio Lower Upper
146 100
111 43.4 21.5 64.5
148 63.7 33.4 100.1

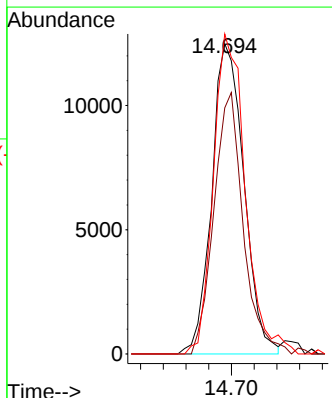
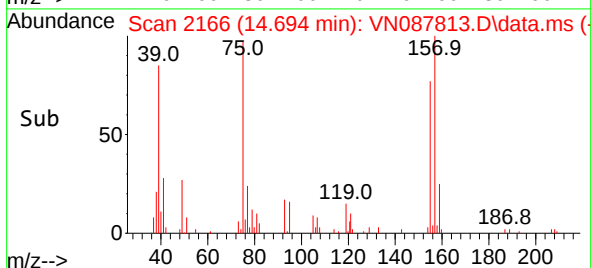
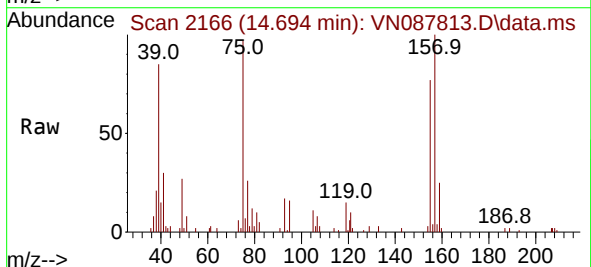
Manual Integrations
APPROVED

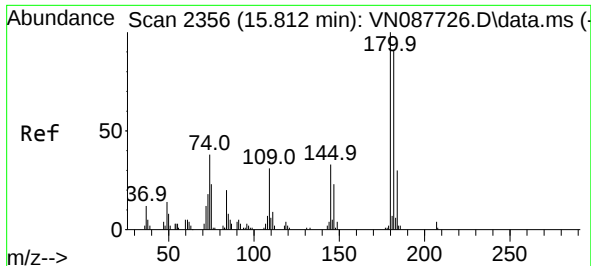
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.942 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

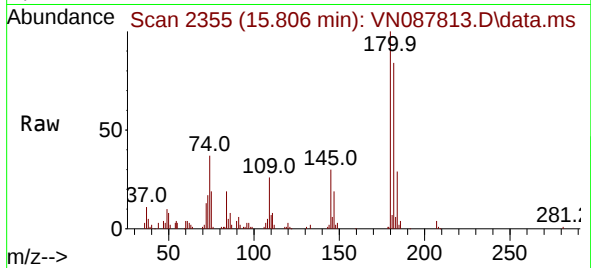
Tgt Ion: 75 Resp: 24542
Ion Ratio Lower Upper
75 100
155 77.1 53.0 79.4
157 102.2 72.2 108.4





#89
1,2,4-Trichlorobenzene
Concen: 19.988 ug/l
RT: 15.806 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

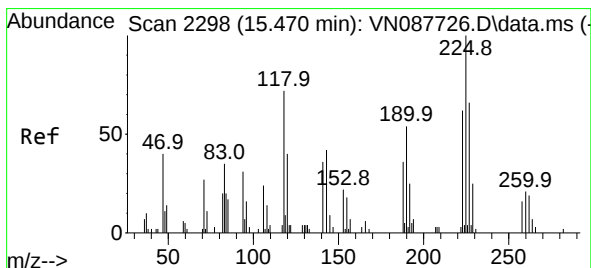
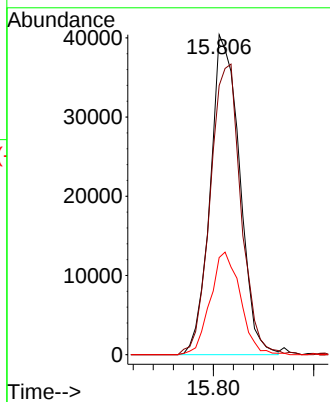
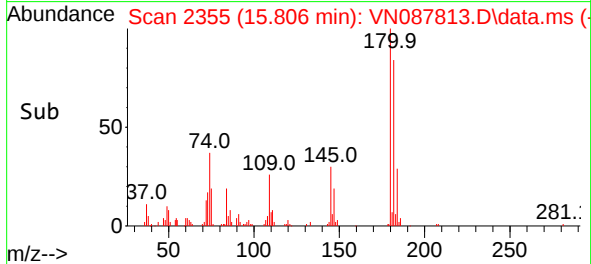
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



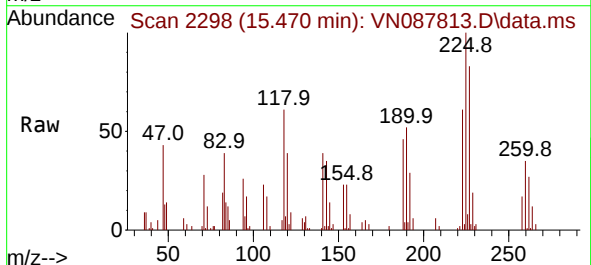
Tgt Ion:180 Resp: 8213
Ion Ratio Lower Upper
180 100
182 94.5 74.6 111.8
145 32.7 27.4 41.0

Manual Integrations
APPROVED

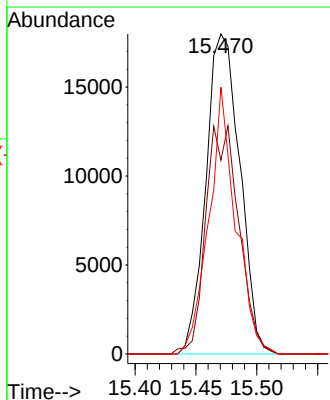
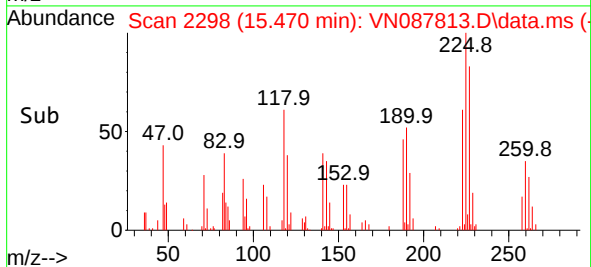
Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025

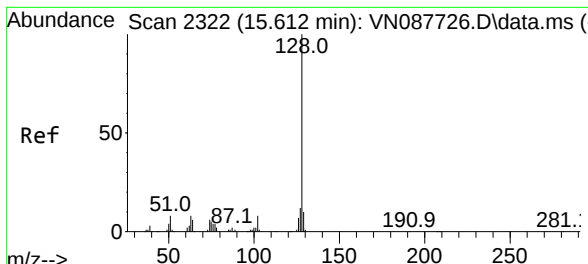


#90
Hexachlorobutadiene
Concen: 25.325 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06



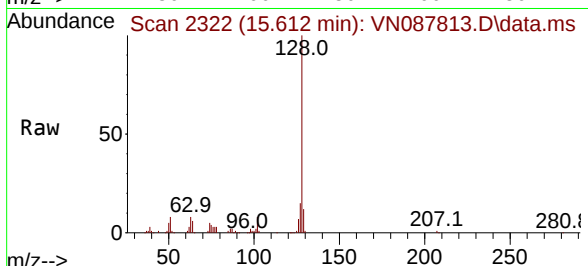
Tgt Ion:225 Resp: 34886
Ion Ratio Lower Upper
225 100
223 69.7 0.0 118.2
227 66.3 0.0 139.0





#91
Naphthalene
Concen: 18.610 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06

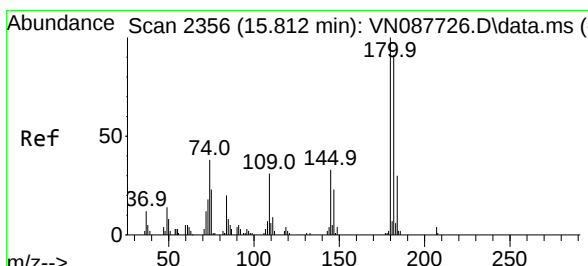
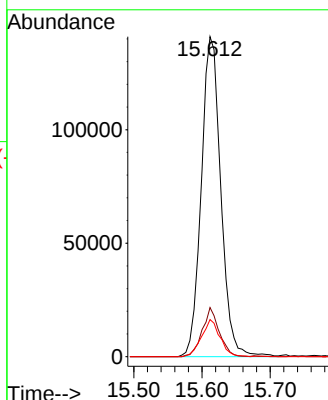
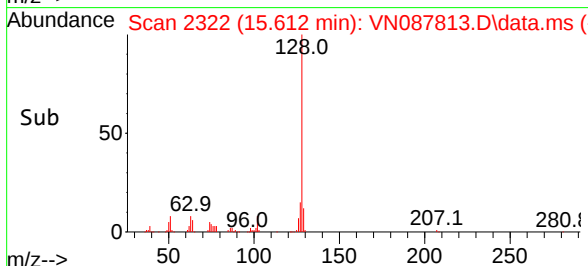
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBSD01



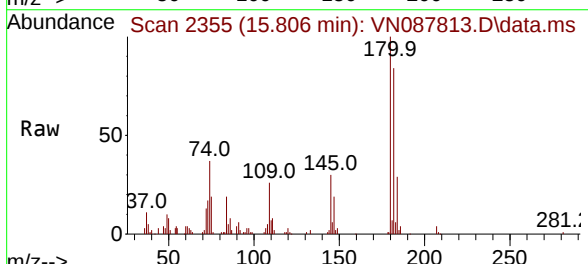
Tgt Ion:128 Resp: 281519
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 11.0 8.3 12.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2025
Supervised By :Mahesh Dadoda 09/15/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.988 ug/l
RT: 15.806 min Scan# 2355
Delta R.T. -0.006 min
Lab File: VN087813.D
Acq: 12 Sep 2025 11:06



Tgt Ion:180 Resp: 82133
Ion Ratio Lower Upper
180 100
182 94.5 0.0 186.4
145 32.7 0.0 68.4

