

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087043.D
 Acq On : 16 Jun 2025 19:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/17/2025
 Supervised By : Semsettin Yesilyurt 06/17/2025

Quant Time: Jun 17 09:34:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	154285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103672	50.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.380%			
35) Dibromofluoromethane	8.177	113	88371	54.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.580%			
50) Toluene-d8	10.565	98	329994	51.209	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.420%			
62) 4-Bromofluorobenzene	12.847	95	126190	52.708	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.420%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	94229	61.255	ug/l	99
3) Chloromethane	2.400	50	101686	51.190	ug/l	100
4) Vinyl Chloride	2.553	62	129178	63.040	ug/l	98
5) Bromomethane	2.995	94	61198	53.368	ug/l	99
6) Chloroethane	3.159	64	82197	62.100	ug/l	98
7) Trichlorofluoromethane	3.530	101	162900	60.845	ug/l	98
8) Diethyl Ether	3.983	74	71492	61.289	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.400	101	100712	59.875	ug/l	99
10) Methyl Iodide	4.612	142	62793	28.798	ug/l	96
11) Tert butyl alcohol	5.536	59	151723	270.688	ug/l	99
12) 1,1-Dichloroethene	4.371	96	104637	60.933	ug/l	96
13) Acrolein	4.200	56	54207	305.528	ug/l	99
14) Allyl chloride	5.053	41	150417	52.816	ug/l	95
15) Acrylonitrile	5.736	53	377344	288.025	ug/l	99
16) Acetone	4.447	43	283523	258.816	ug/l	99
17) Carbon Disulfide	4.741	76	307394	64.714	ug/l	99
18) Methyl Acetate	5.053	43	152927	47.904	ug/l	97
19) Methyl tert-butyl Ether	5.818	73	369287	59.393	ug/l	100
20) Methylene Chloride	5.300	84	119254	58.147	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	112497	58.881	ug/l	97
22) Diisopropyl ether	6.688	45	334034	55.642	ug/l	94
23) Vinyl Acetate	6.618	43	1504197	296.565	ug/l	97
24) 1,1-Dichloroethane	6.583	63	204615	59.227	ug/l	99
25) 2-Butanone	7.494	43	472981	265.625	ug/l	96
26) 2,2-Dichloropropane	7.500	77	157074	58.449	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	136042	59.539	ug/l	98
28) Bromochloromethane	7.824	49	82472	48.553	ug/l	92
29) Tetrahydrofuran	7.847	42	311955	268.936	ug/l	95
30) Chloroform	7.977	83	200998	58.259	ug/l	99
31) Cyclohexane	8.265	56	179622	53.613	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	169207	57.663	ug/l	99
36) 1,1-Dichloropropene	8.377	75	147660	60.876	ug/l	99
37) Ethyl Acetate	7.571	43	180111	58.331	ug/l	99
38) Carbon Tetrachloride	8.371	117	145420	61.066	ug/l	98
39) Methylcyclohexane	9.606	83	176808	53.205	ug/l	96
40) Benzene	8.612	78	479321	60.431	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087043.D
 Acq On : 16 Jun 2025 19:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 17 09:34:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	100126	57.739	ug/l	95
42) 1,2-Dichloroethane	8.677	62	143170	59.511	ug/l	100
43) Isopropyl Acetate	8.694	43	274616	55.412	ug/l	96
44) Trichloroethene	9.359	130	115652	61.492	ug/l	98
45) 1,2-Dichloropropane	9.624	63	116409	60.326	ug/l	99
46) Dibromomethane	9.712	93	80484	62.794	ug/l	98
47) Bromodichloromethane	9.888	83	159930	60.646	ug/l	99
48) Methyl methacrylate	9.682	41	125687	55.101	ug/l	95
49) 1,4-Dioxane	9.706	88	50406	1214.699	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	856387	287.043	ug/l	97
52) Toluene	10.629	92	293658	60.582	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	180143	61.090	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	193084	61.196	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	114004	61.123	ug/l	98
56) Ethyl methacrylate	10.876	69	189795	63.888	ug/l	93
57) 1,3-Dichloropropane	11.165	76	196972	60.878	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	461263	260.322	ug/l	98
59) 2-Hexanone	11.200	43	576943	300.215	ug/l	92
60) Dibromochloromethane	11.359	129	122204	62.886	ug/l	98
61) 1,2-Dibromoethane	11.470	107	119205	62.354	ug/l	99
64) Tetrachloroethene	11.106	164	90545	59.423	ug/l	96
65) Chlorobenzene	11.888	112	321391	60.523	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	103658	60.727	ug/l	99
67) Ethyl Benzene	11.965	91	542608	59.322	ug/l	99
68) m/p-Xylenes	12.070	106	428659	122.426	ug/l	99
69) o-Xylene	12.394	106	208595	62.204	ug/l	96
70) Styrene	12.412	104	354747	61.821	ug/l	99
71) Bromoform	12.576	173	82992	65.619	ug/l #	100
73) Isopropylbenzene	12.694	105	506216	56.540	ug/l	100
74) N-amyl acetate	12.512	43	165991	53.056	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	181087	59.703	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	148721m	50.909	ug/l	
77) Bromobenzene	12.976	156	124056	60.419	ug/l	95
78) n-propylbenzene	13.035	91	602952	55.416	ug/l	98
79) 2-Chlorotoluene	13.123	91	363560	55.717	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	418088	56.560	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	65032	51.244	ug/l	95
82) 4-Chlorotoluene	13.217	91	375517	56.877	ug/l	98
83) tert-Butylbenzene	13.435	119	354848	52.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	424536	57.274	ug/l	100
85) sec-Butylbenzene	13.611	105	511467	52.051	ug/l	100
86) p-Isopropyltoluene	13.729	119	433062	53.315	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	238897	59.136	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	242786	58.948	ug/l	99
89) n-Butylbenzene	14.053	91	384251	48.839	ug/l	99
90) Hexachloroethane	14.329	117	75383	54.751	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	230834	59.475	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40292	55.546	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	128972	52.039	ug/l	99
94) Hexachlorobutadiene	15.494	225	39930	43.244	ug/l	98
95) Naphthalene	15.635	128	524674	56.876	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	123147	50.011	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
Data File : VN087043.D
Acq On : 16 Jun 2025 19:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

Quant Time: Jun 17 09:34:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

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

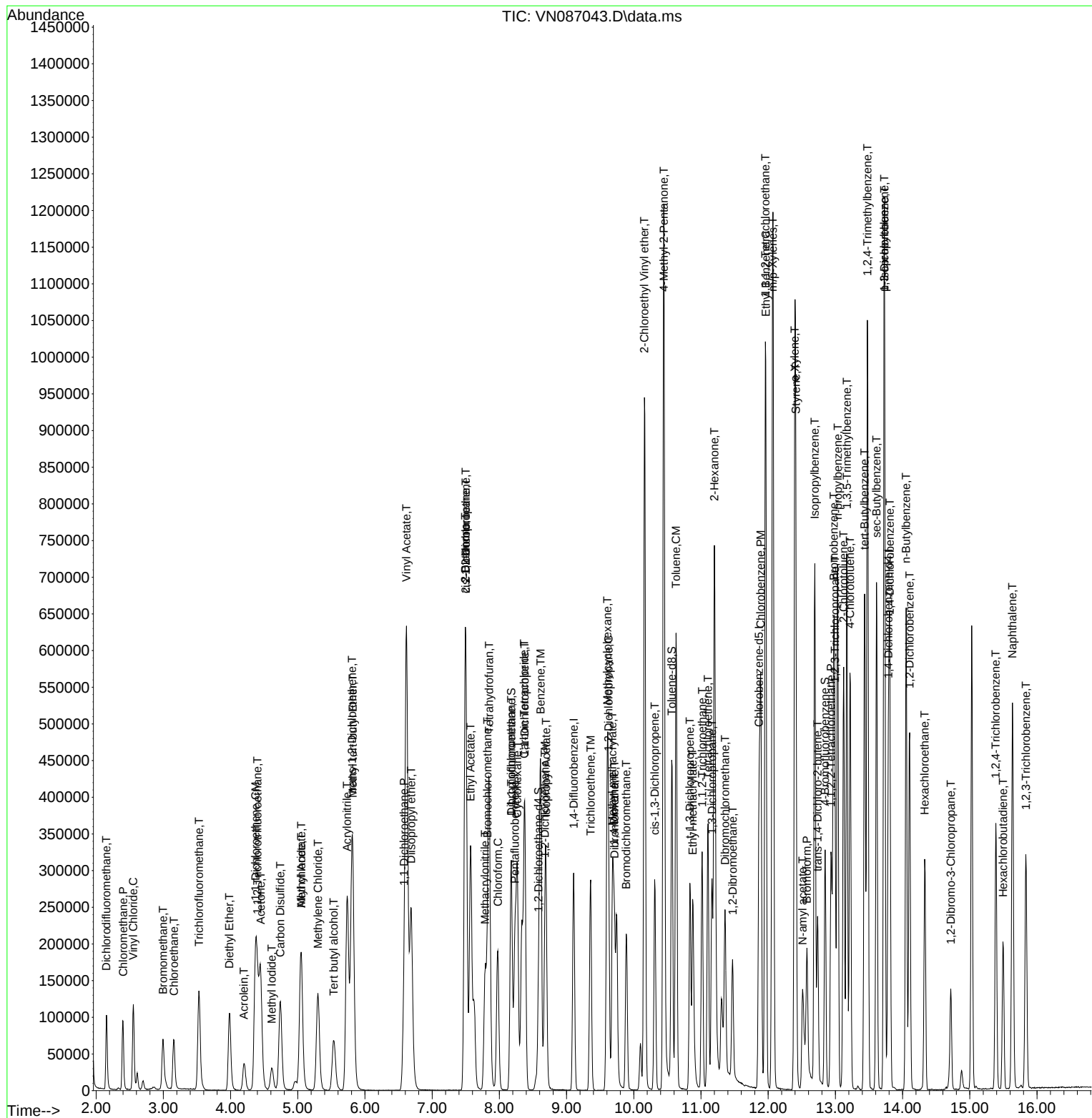
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
Data File : VN087043.D
Acq On : 16 Jun 2025 19:49
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

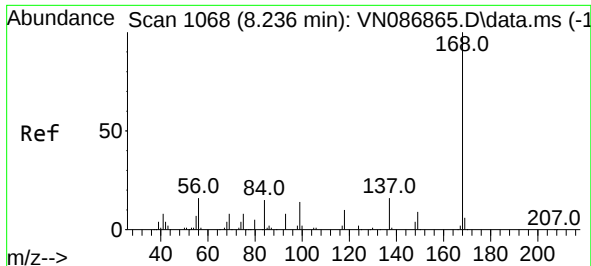
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 17 09:34:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

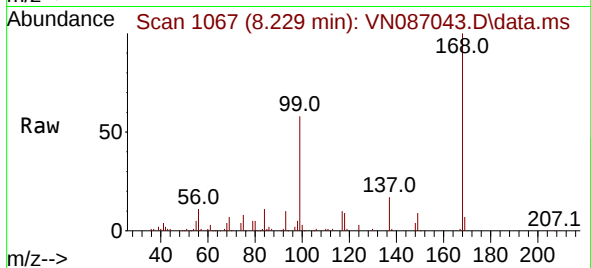
Reviewed By : John Carlone 06/17/2025
Supervised By : Semsettin Yesilyurt 06/17/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.007 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

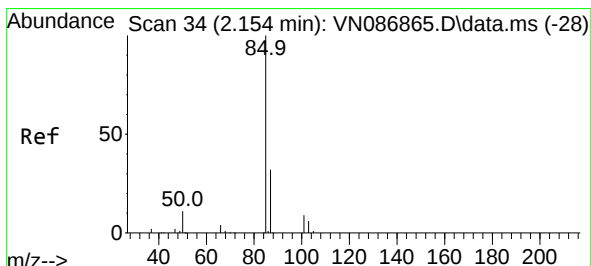
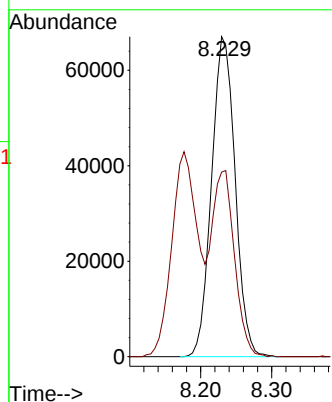
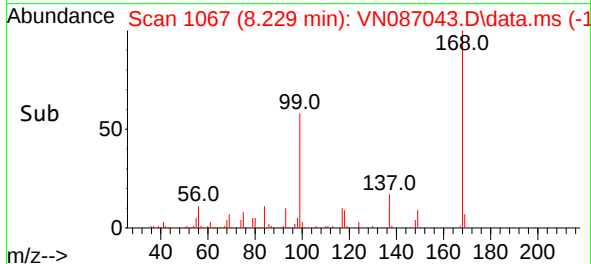
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 15428
Ion Ratio Lower Upper
168 100
99 57.7 49.1 73.7

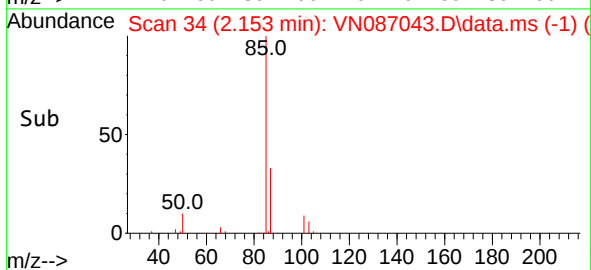
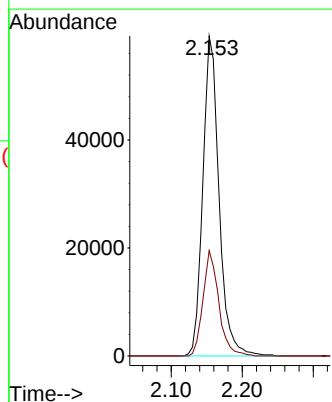
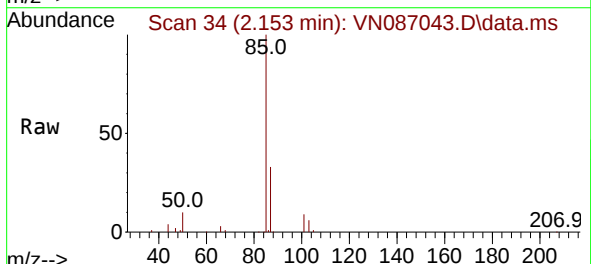
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#2
Dichlorodifluoromethane
Concen: 61.255 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

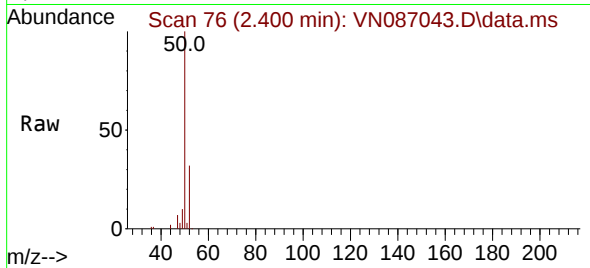
Tgt Ion: 85 Resp: 94229
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6





#3
Chloromethane
Concen: 51.190 ug/l
RT: 2.400 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

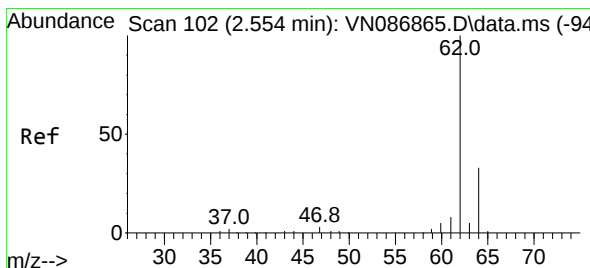
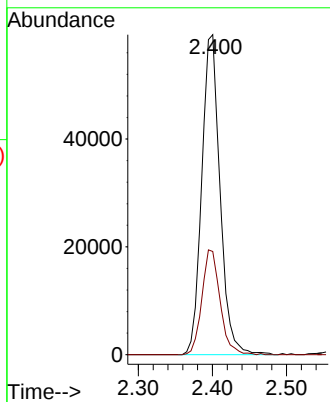
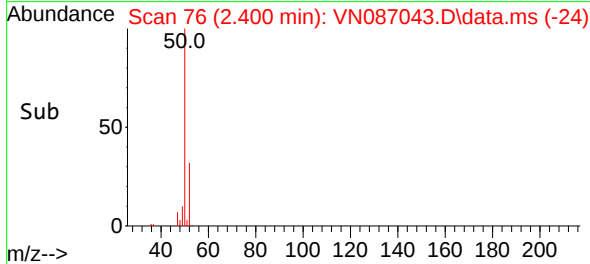
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 101680
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

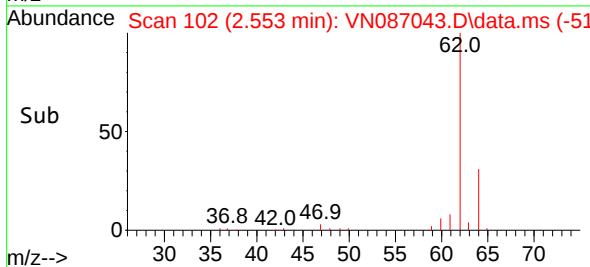
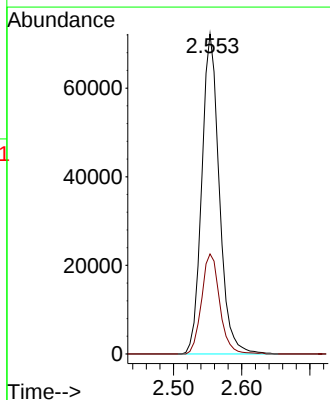
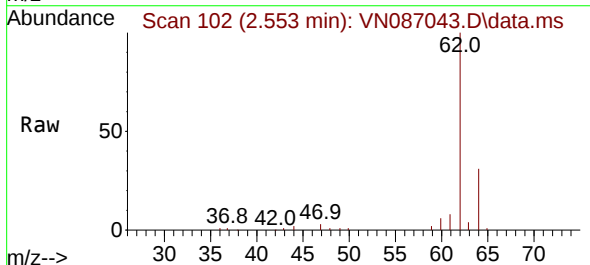
Manual Integrations
APPROVED

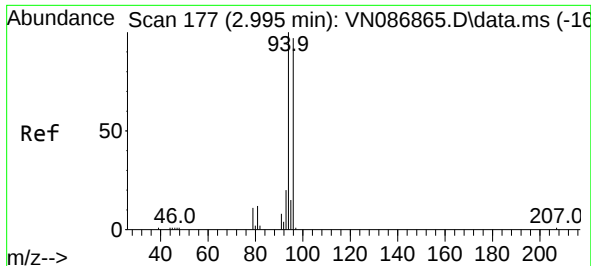
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#4
Vinyl Chloride
Concen: 63.040 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

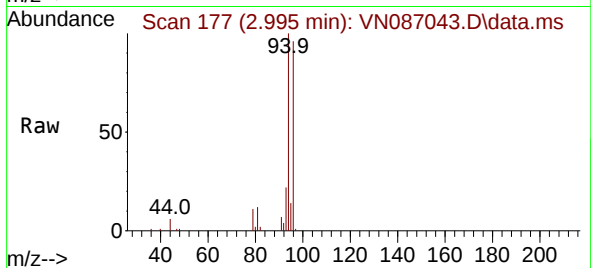
Tgt Ion: 62 Resp: 129178
Ion Ratio Lower Upper
62 100
64 31.2 26.0 39.0





#5
Bromomethane
Concen: 53.368 ug/l
RT: 2.995 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

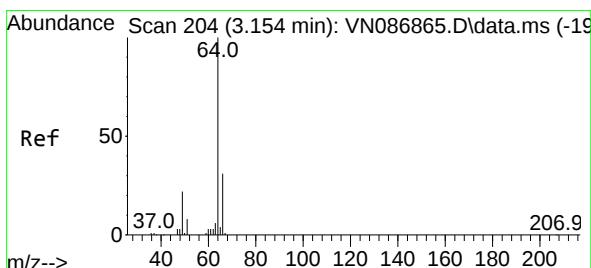
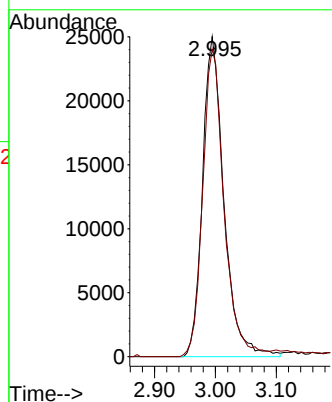
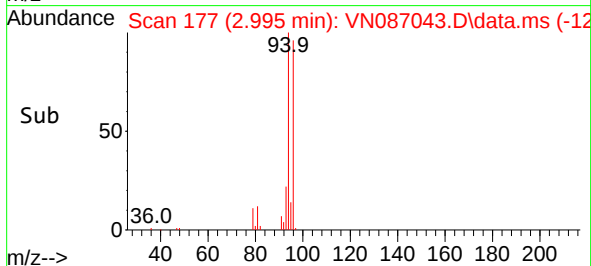
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



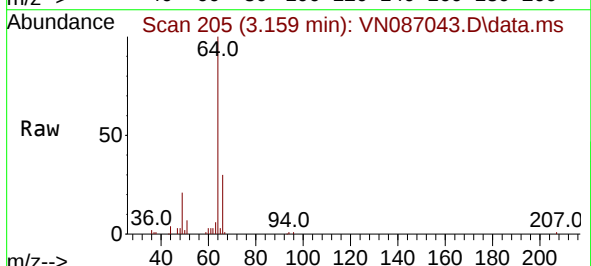
Tgt Ion: 94 Resp: 61198
Ion Ratio Lower Upper
94 100
96 96.1 77.9 116.9

Manual Integrations
APPROVED

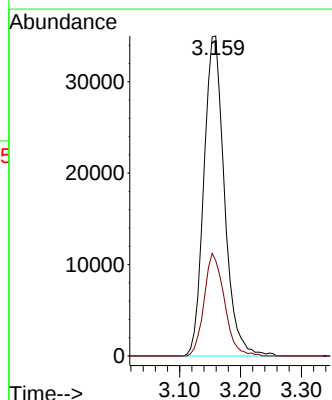
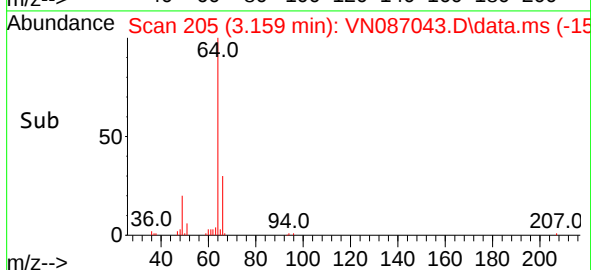
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

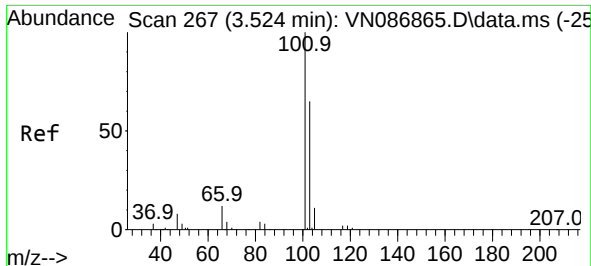


#6
Chloroethane
Concen: 62.100 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



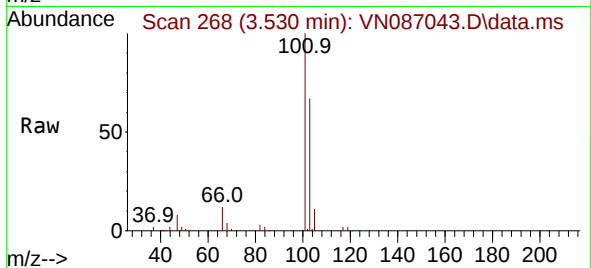
Tgt Ion: 64 Resp: 82197
Ion Ratio Lower Upper
64 100
66 29.8 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 60.845 ug/l
 RT: 3.530 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

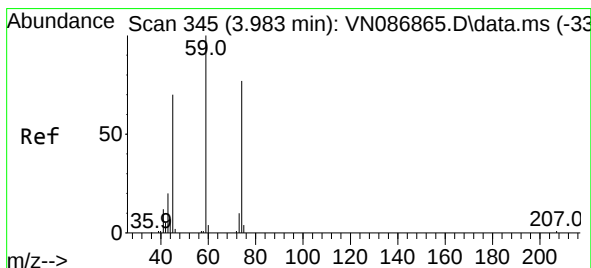
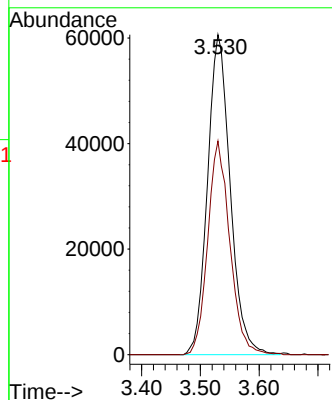
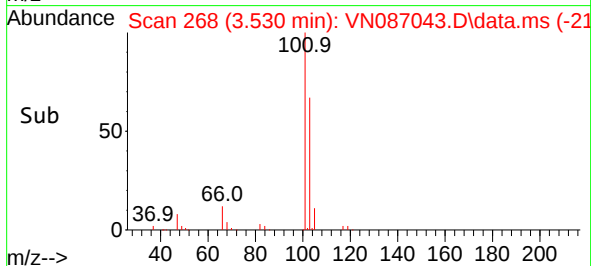
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 162900
 Ion Ratio Lower Upper
 101 100
 103 66.8 52.2 78.2

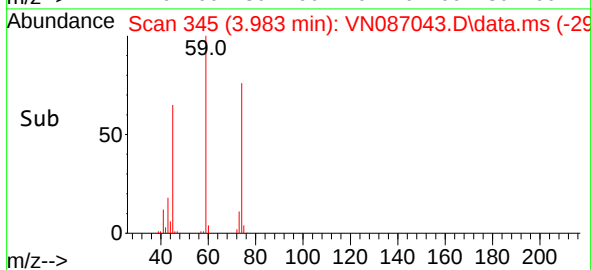
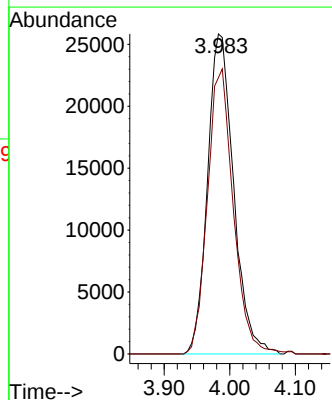
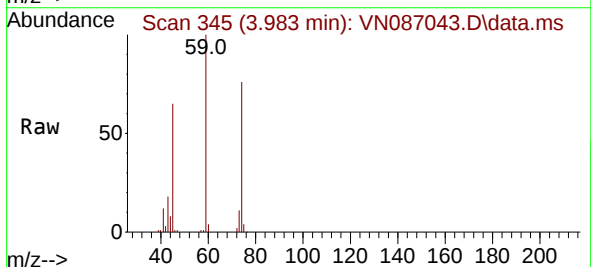
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#8
 Diethyl Ether
 Concen: 61.289 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

Tgt Ion: 74 Resp: 71492
 Ion Ratio Lower Upper
 74 100
 45 88.4 45.5 136.5





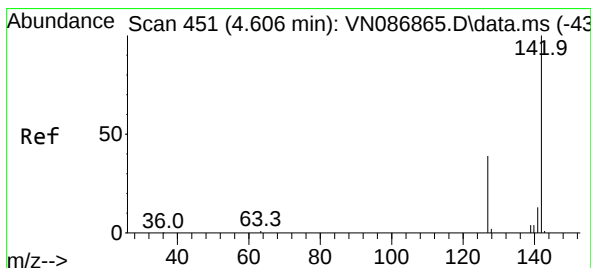
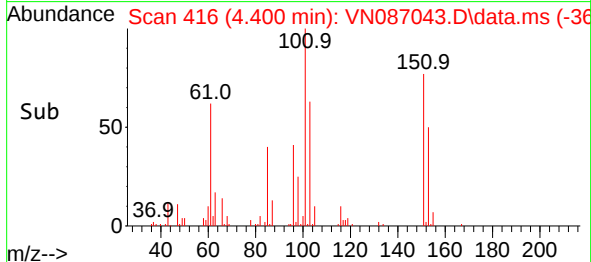
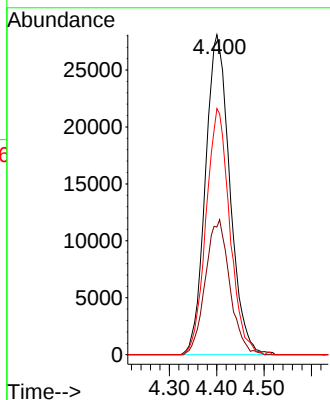
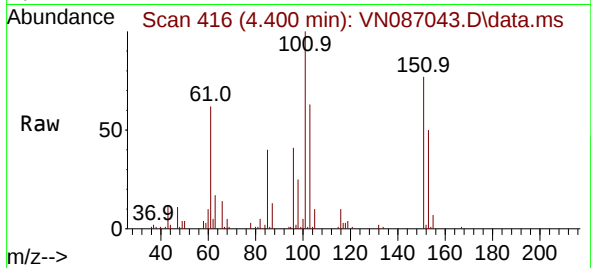
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.875 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10071
Ion Ratio Lower Upper
101 100
85 42.2 33.8 50.8
151 74.6 58.7 88.1

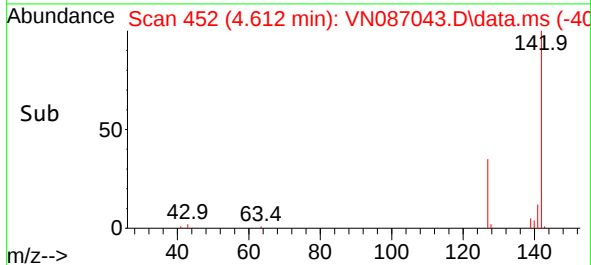
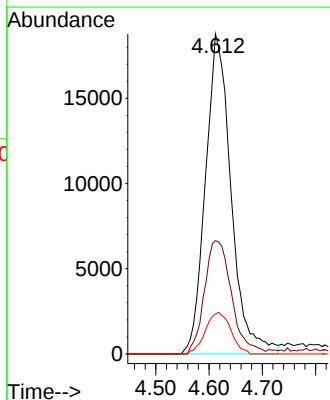
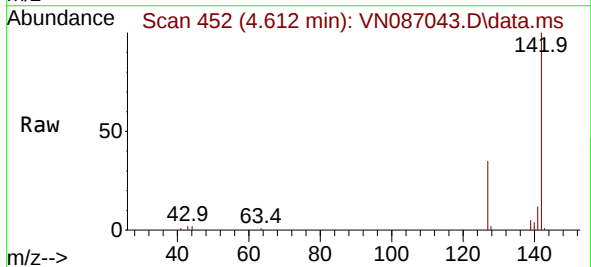
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#10
Methyl Iodide
Concen: 28.798 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

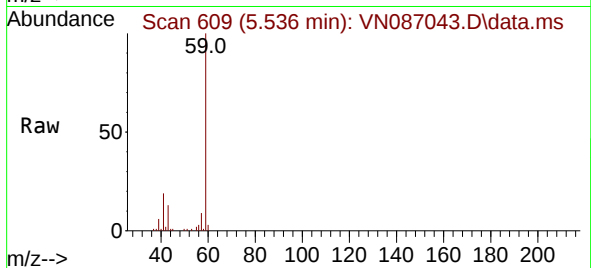
Tgt Ion:142 Resp: 62793
Ion Ratio Lower Upper
142 100
127 35.4 30.9 46.3
141 12.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 270.688 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

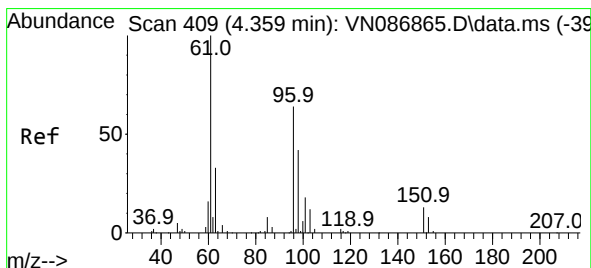
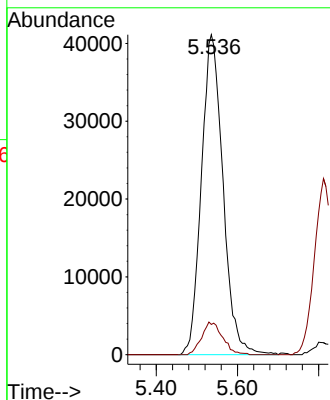
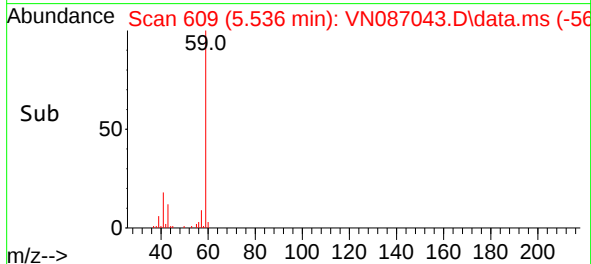
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



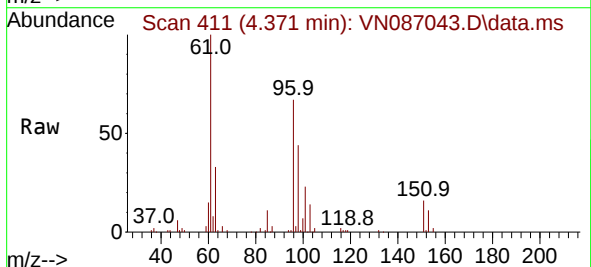
Tgt Ion: 59 Resp: 15172
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1

Manual Integrations
APPROVED

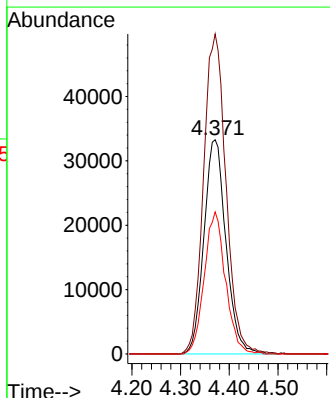
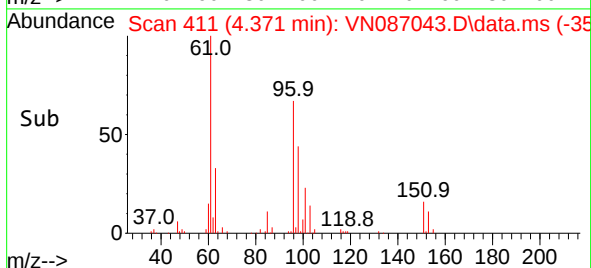
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

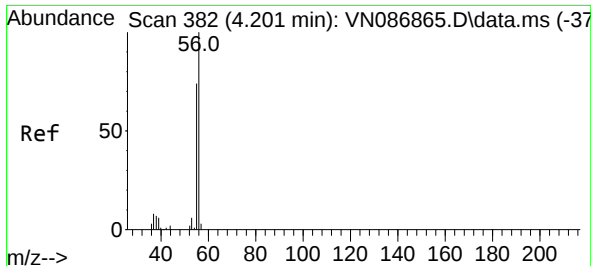


#12
1,1-Dichloroethene
Concen: 60.933 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



Tgt Ion: 96 Resp: 104637
Ion Ratio Lower Upper
96 100
61 149.4 125.8 188.6
98 66.3 52.5 78.7





#13

Acrolein

Concen: 305.528 ug/l

RT: 4.200 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 5420

Ion Ratio Lower Upper

56 100

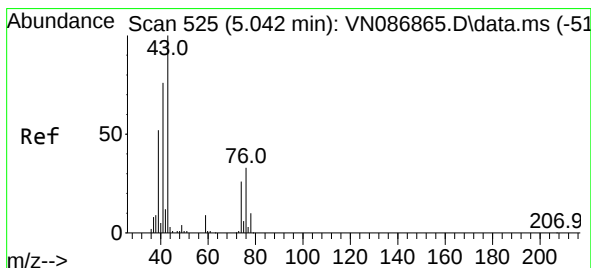
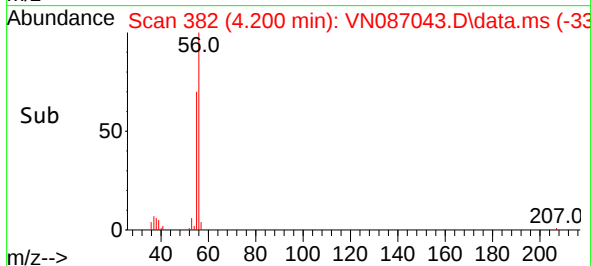
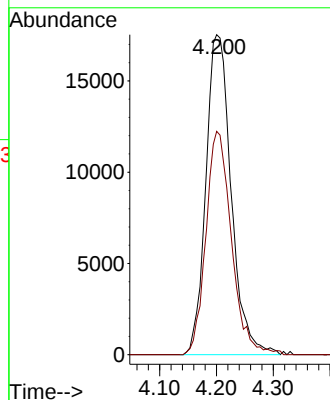
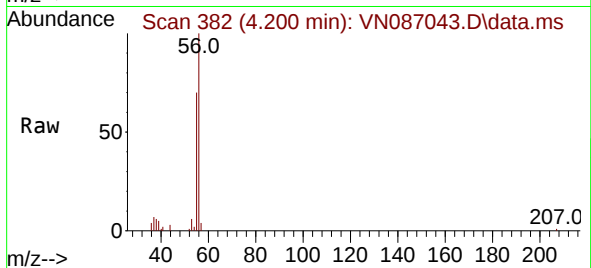
55 70.5 55.6 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#14

Allyl chloride

Concen: 52.816 ug/l

RT: 5.053 min Scan# 527

Delta R.T. 0.012 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

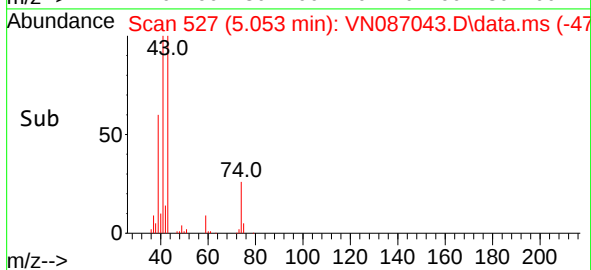
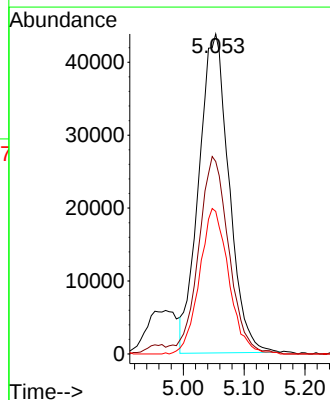
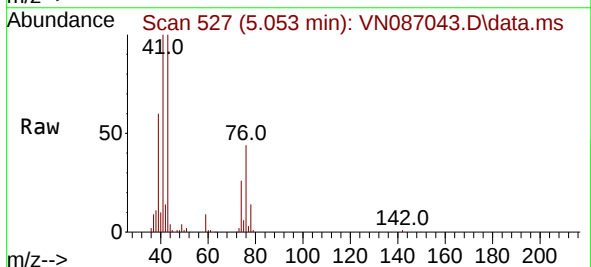
Tgt Ion: 41 Resp: 150417

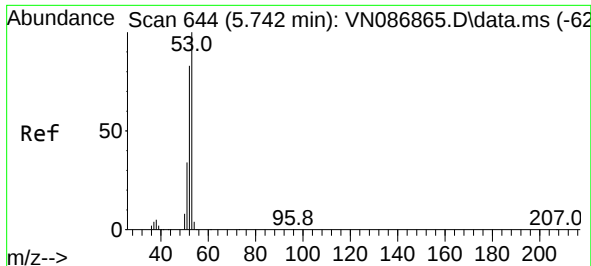
Ion Ratio Lower Upper

41 100

39 62.2 51.3 76.9

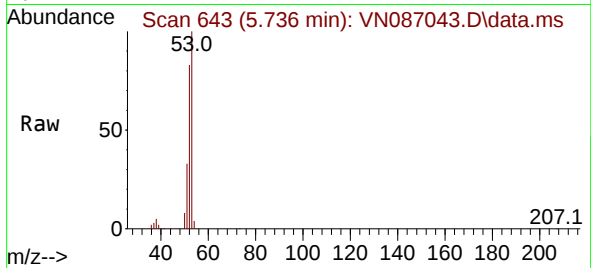
76 44.4 31.4 47.0





#15
Acrylonitrile
Concen: 288.025 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

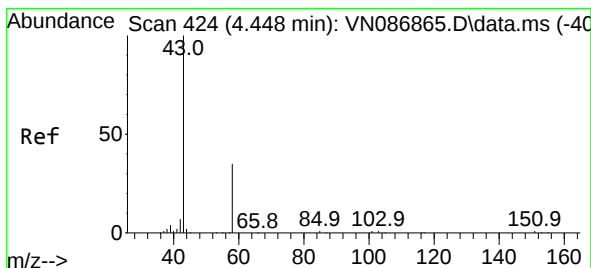
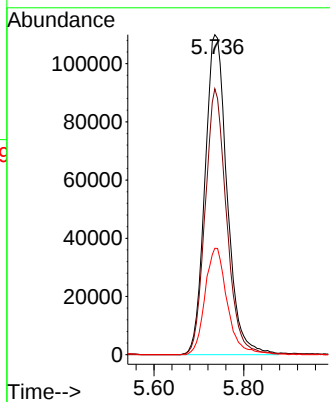
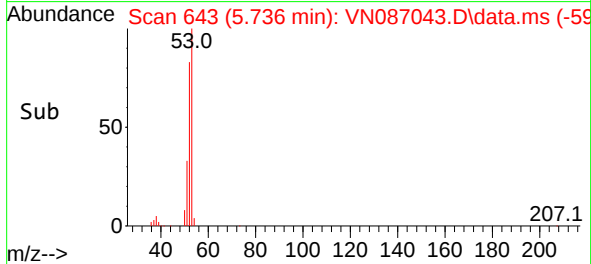
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 377344
Ion Ratio Lower Upper
53 100
52 80.4 65.0 97.6
51 33.5 27.2 40.8

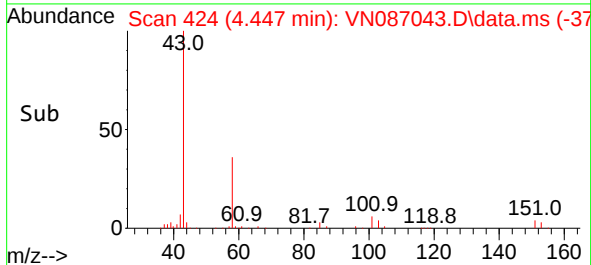
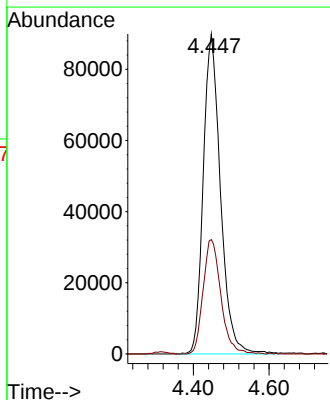
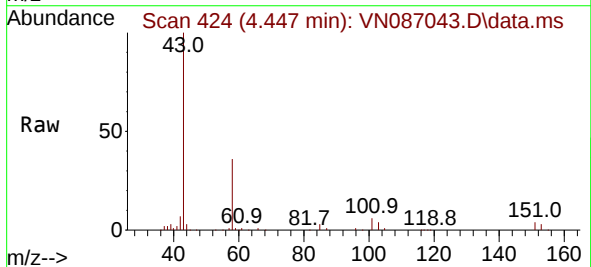
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#16
Acetone
Concen: 258.816 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

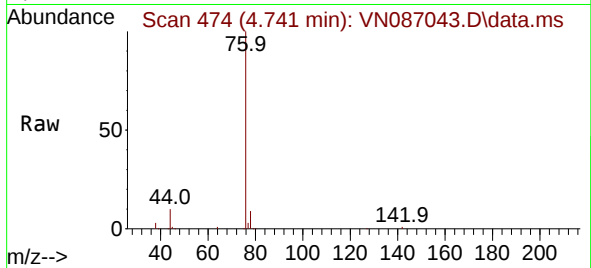
Tgt Ion: 43 Resp: 283523
Ion Ratio Lower Upper
43 100
58 35.8 28.0 42.0





#17
Carbon Disulfide
Concen: 64.714 ug/l
RT: 4.741 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

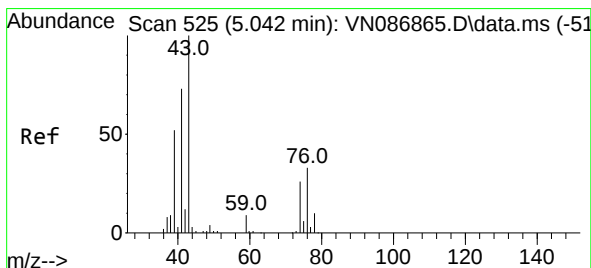
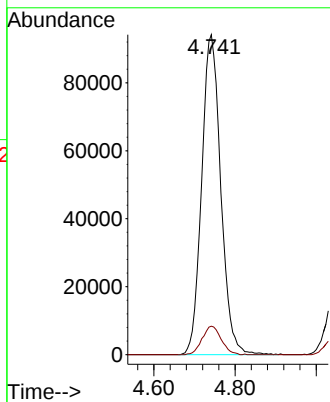
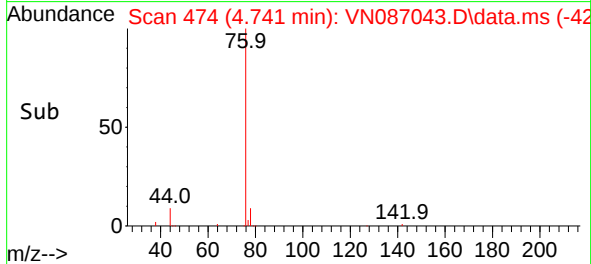
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 307394
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

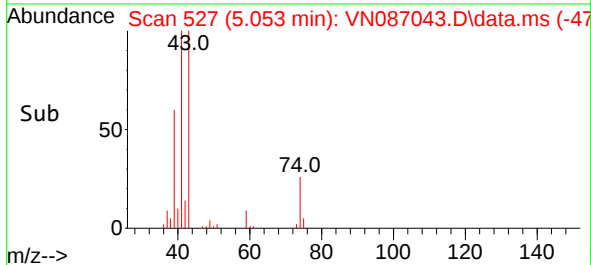
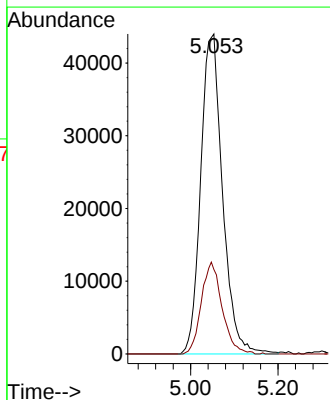
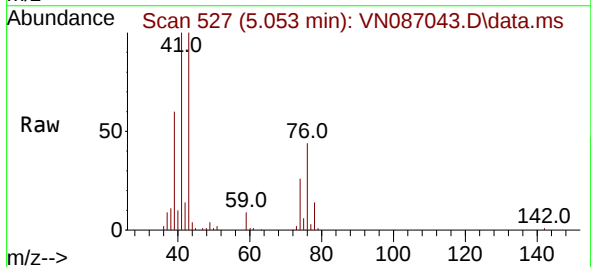
Manual Integrations
APPROVED

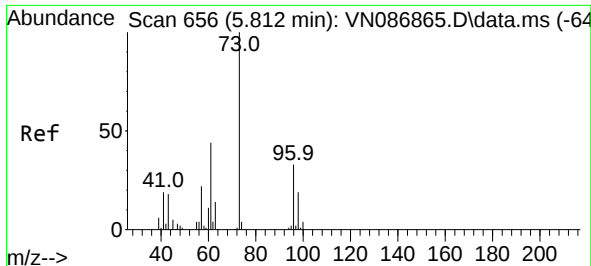
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#18
Methyl Acetate
Concen: 47.904 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

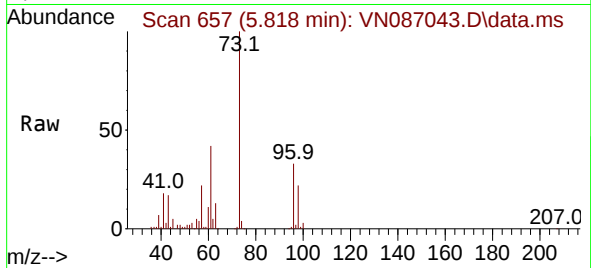
Tgt Ion: 43 Resp: 152927
Ion Ratio Lower Upper
43 100
74 27.3 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 59.393 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

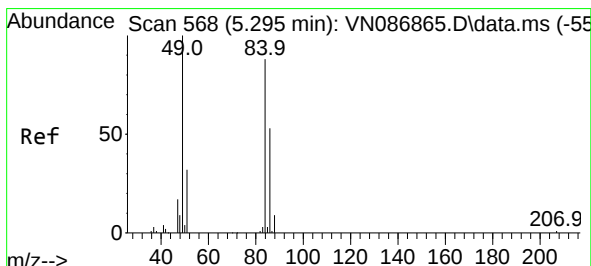
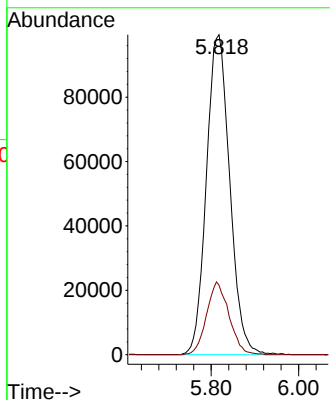
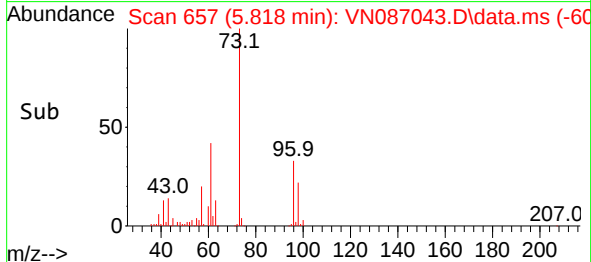
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



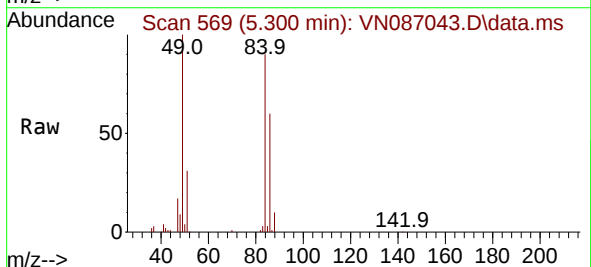
Tgt Ion: 73 Resp: 36928
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

Manual Integrations
APPROVED

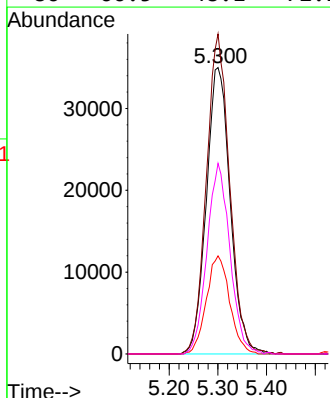
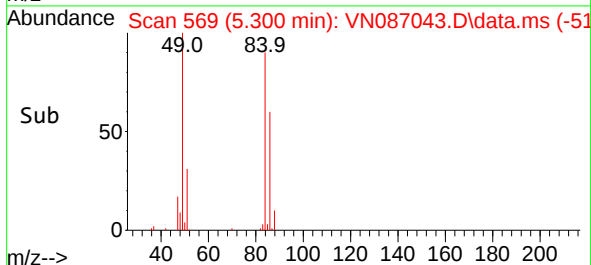
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

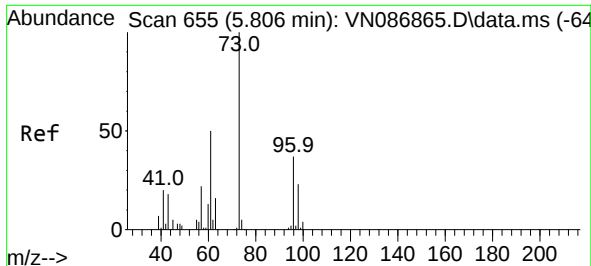


#20
Methylene Chloride
Concen: 58.147 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



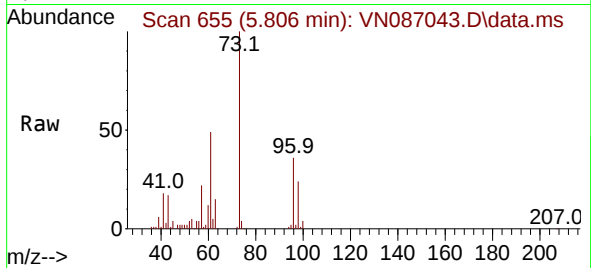
Tgt Ion: 84 Resp: 119254
Ion Ratio Lower Upper
84 100
49 111.7 90.5 135.7
51 34.2 28.5 42.7
86 66.5 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 58.881 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

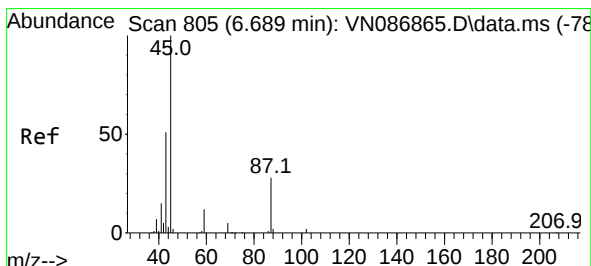
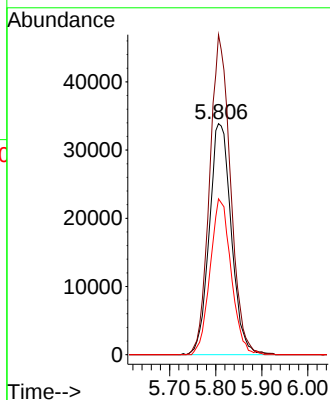
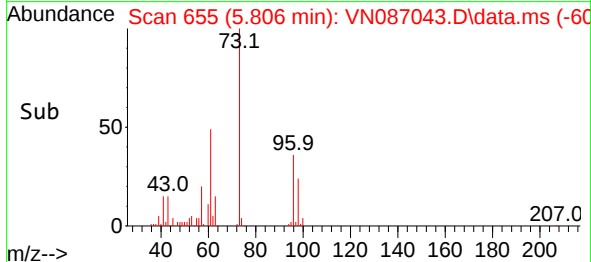
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



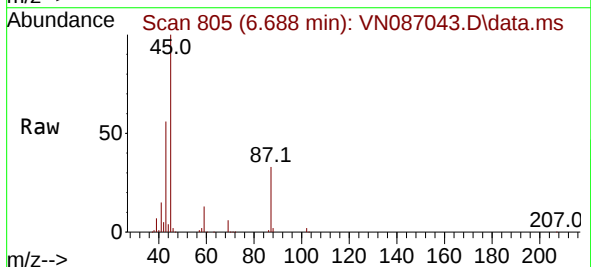
Tgt Ion: 96 Resp: 11249
Ion Ratio Lower Upper
96 100
61 138.5 109.2 163.8
98 67.5 49.8 74.8

Manual Integrations
APPROVED

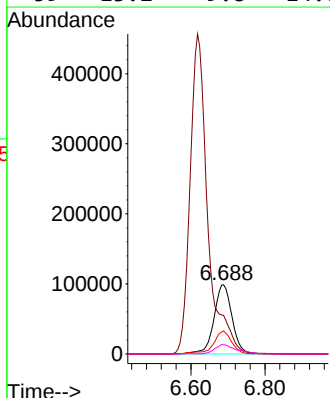
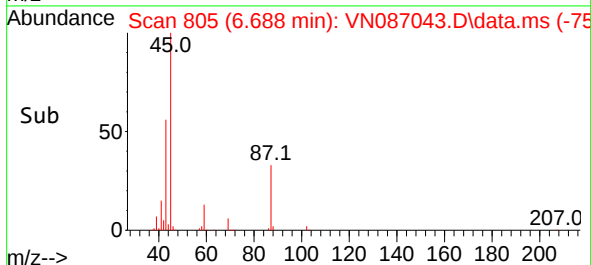
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#22
Diisopropyl ether
Concen: 55.642 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



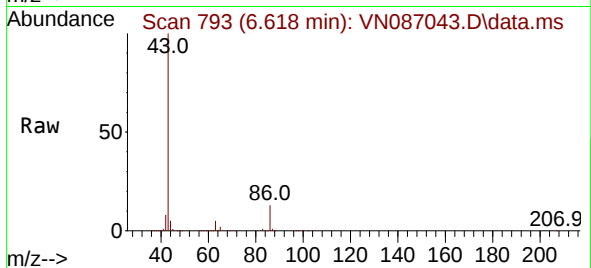
Tgt Ion: 45 Resp: 334034
Ion Ratio Lower Upper
45 100
43 55.2 41.9 62.9
87 33.3 22.4 33.6
59 13.2 9.8 14.6





#23
 Vinyl Acetate
 Concen: 296.565 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

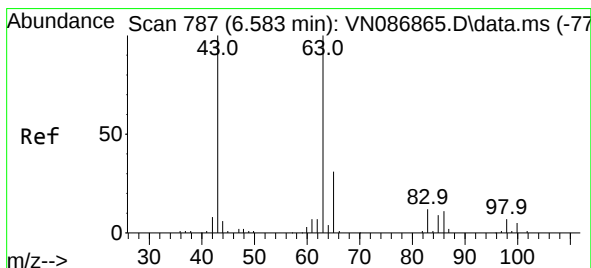
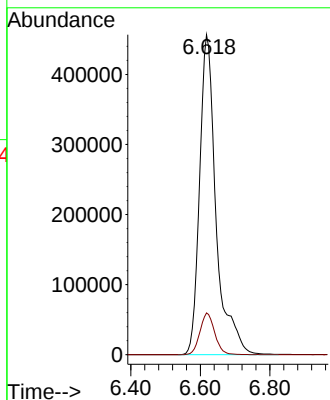
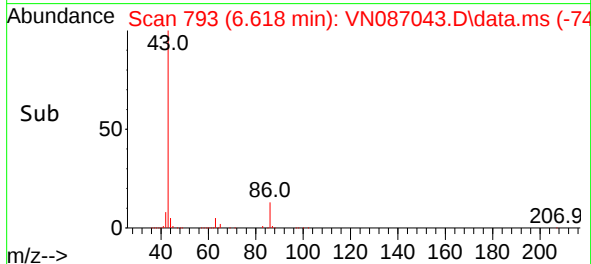
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



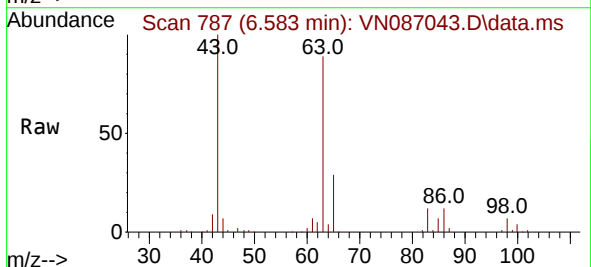
Tgt Ion: 43 Resp: 150419
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.5 14.3

Manual Integrations
 APPROVED

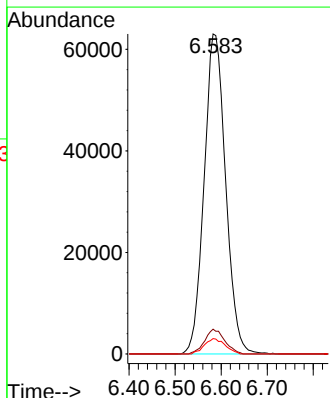
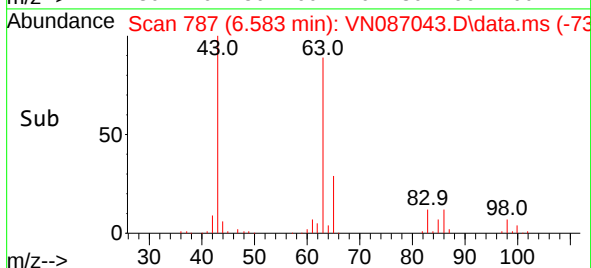
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#24
 1,1-Dichloroethane
 Concen: 59.227 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49



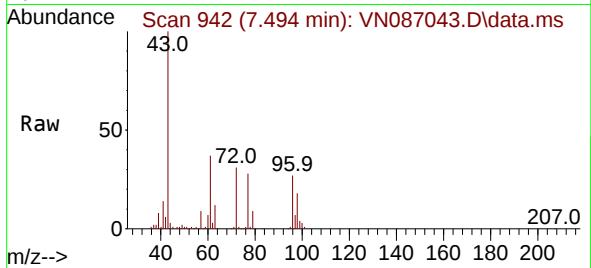
Tgt Ion: 63 Resp: 204615
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.8 2.6 7.8





#25
2-Butanone
Concen: 265.625 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

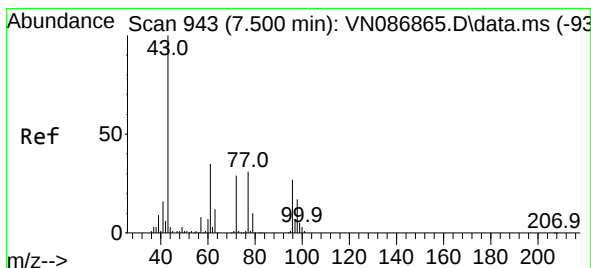
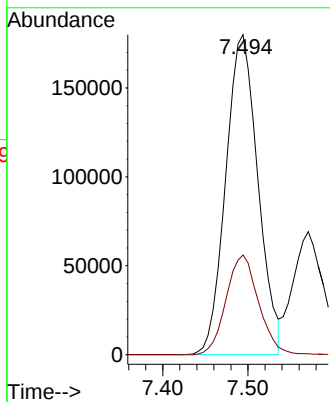
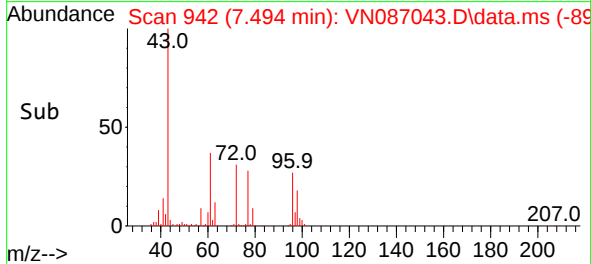
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



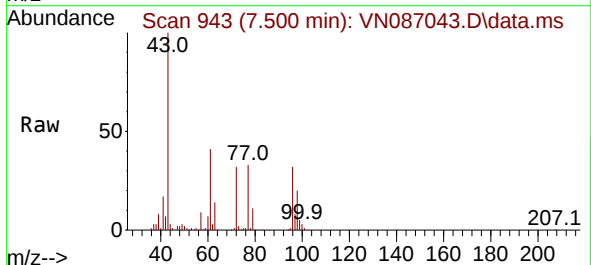
Tgt Ion: 43 Resp: 472983
Ion Ratio Lower Upper
43 100
72 31.1 23.0 34.6

Manual Integrations
APPROVED

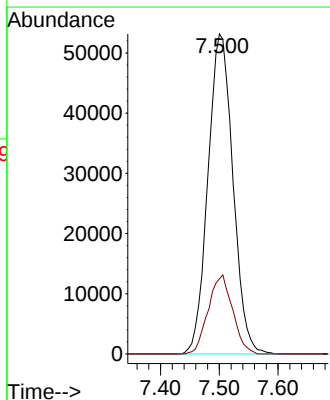
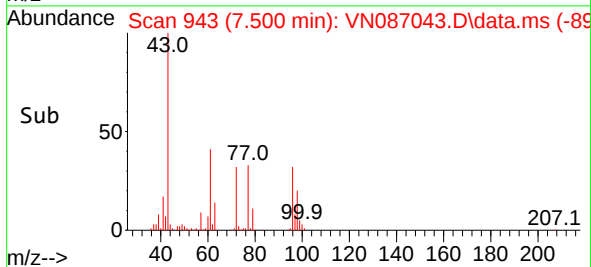
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

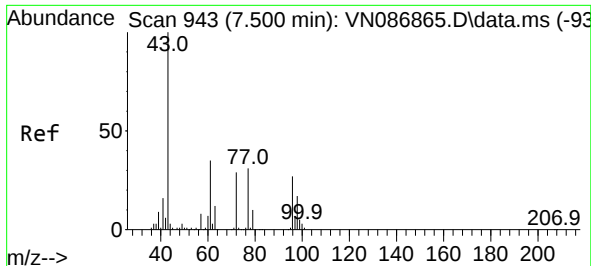


#26
2,2-Dichloropropane
Concen: 58.449 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



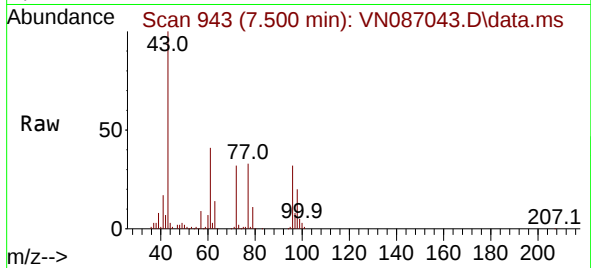
Tgt Ion: 77 Resp: 157074
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 59.539 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

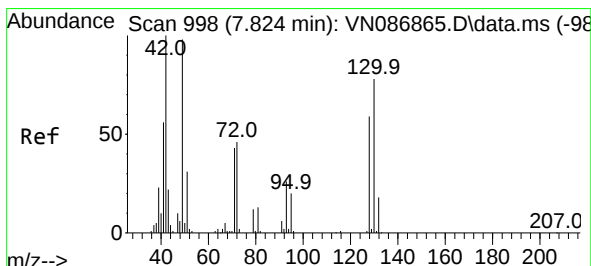
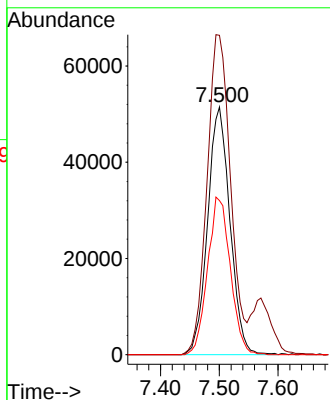
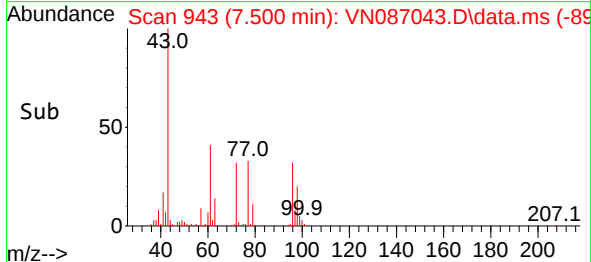
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 136042
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 278.0
 98 64.7 0.0 128.2

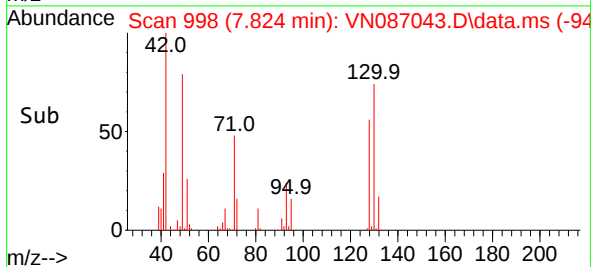
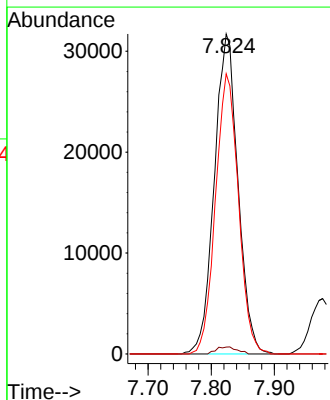
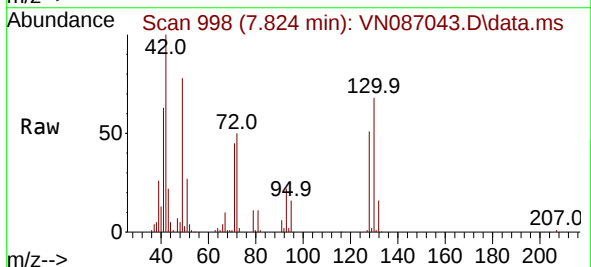
Manual Integrations
 APPROVED

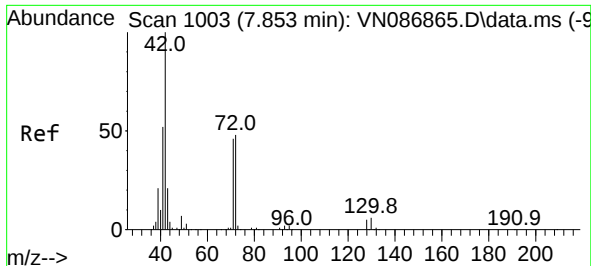
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#28
 Bromochloromethane
 Concen: 48.553 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

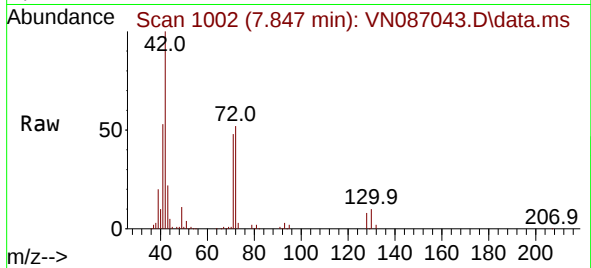
Tgt Ion: 49 Resp: 82472
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 84.9 62.2 93.2





#29
Tetrahydrofuran
Concen: 268.936 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

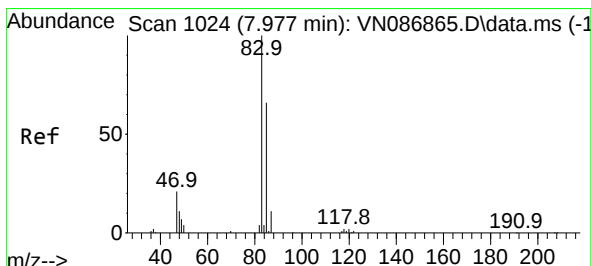
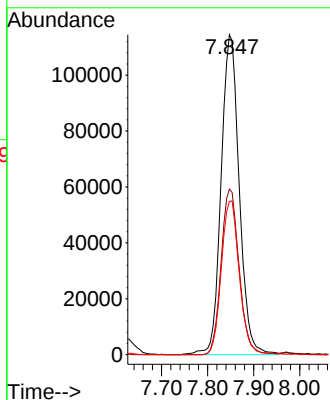
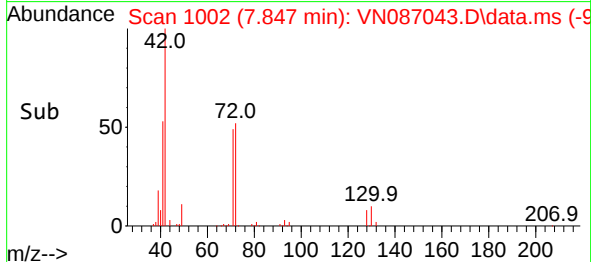
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 311958
Ion Ratio Lower Upper
42 100
72 51.1 37.8 56.6
71 47.8 35.6 53.4

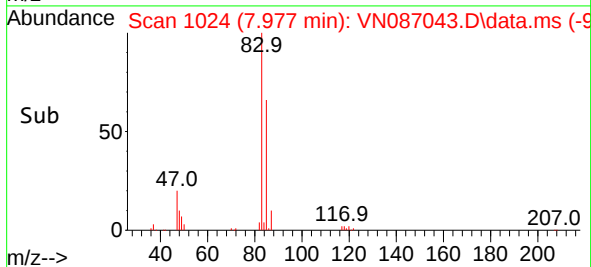
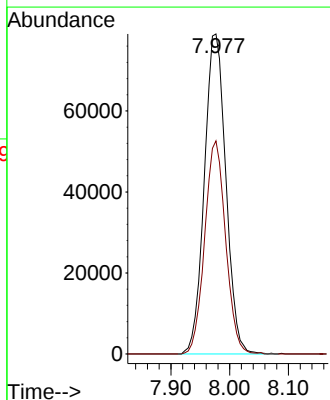
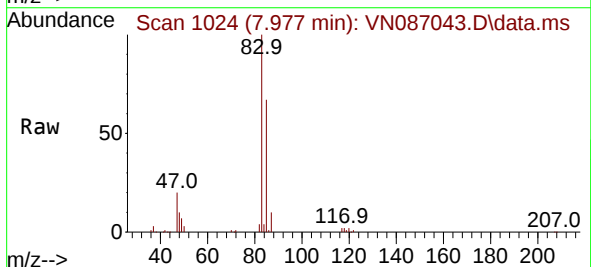
Manual Integrations
APPROVED

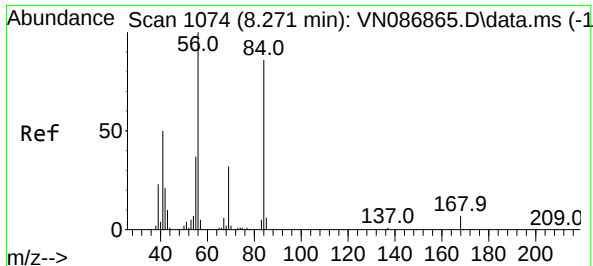
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#30
Chloroform
Concen: 58.259 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

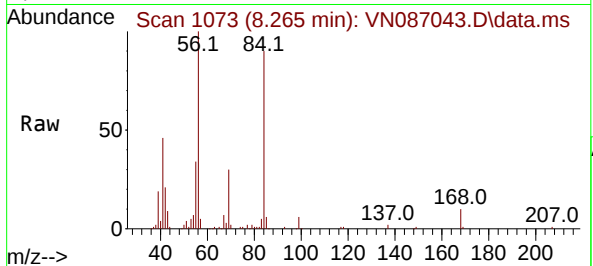
Tgt Ion: 83 Resp: 200998
Ion Ratio Lower Upper
83 100
85 66.6 52.9 79.3





#31
Cyclohexane
Concen: 53.613 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

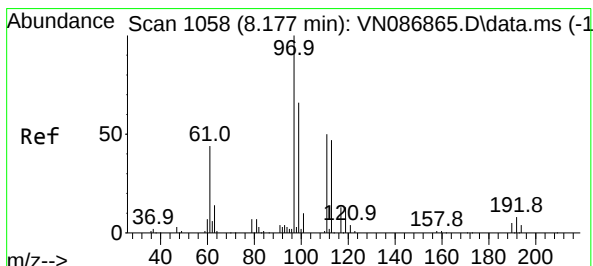
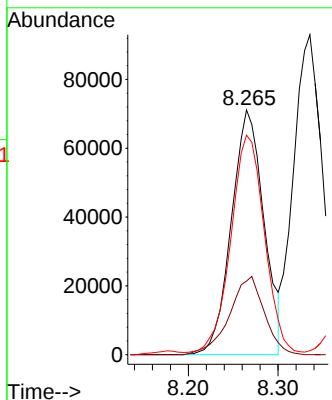
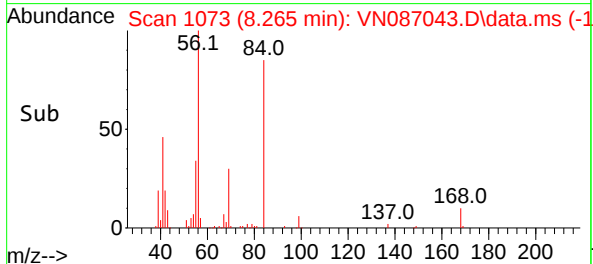
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



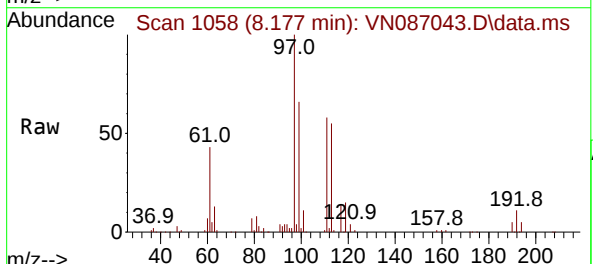
Tgt Ion: 56 Resp: 17962
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.0
84 88.6 68.8 103.2

Manual Integrations
APPROVED

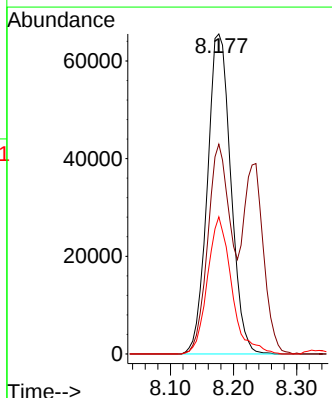
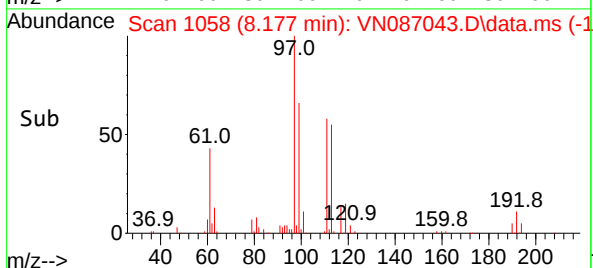
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

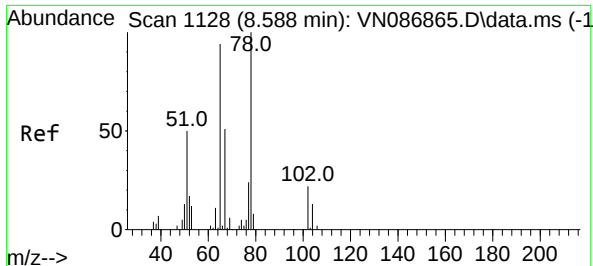


#32
1,1,1-Trichloroethane
Concen: 57.663 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



Tgt Ion: 97 Resp: 169207
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 44.1 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.187 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 103672

Ion Ratio Lower Upper

65 100

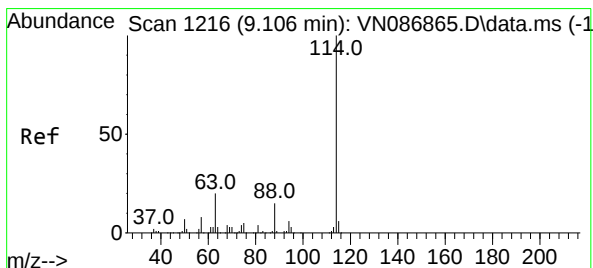
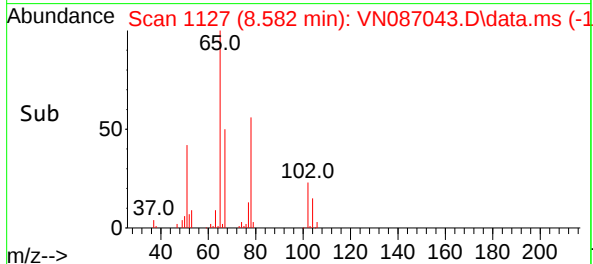
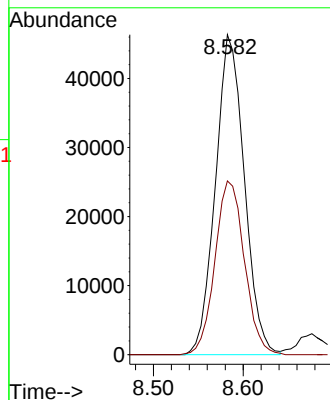
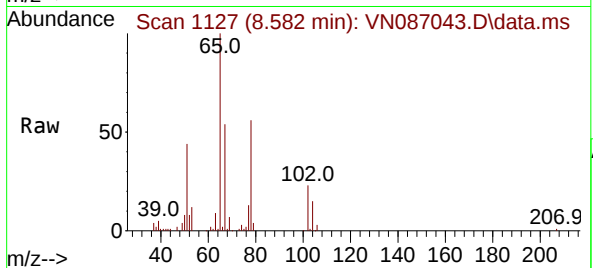
67 55.3 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

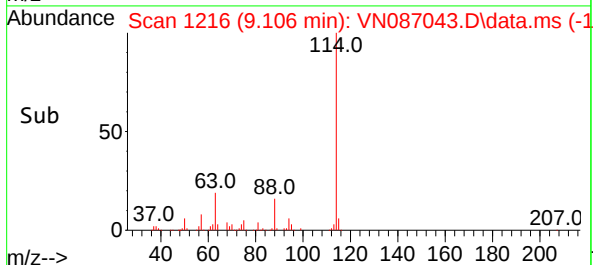
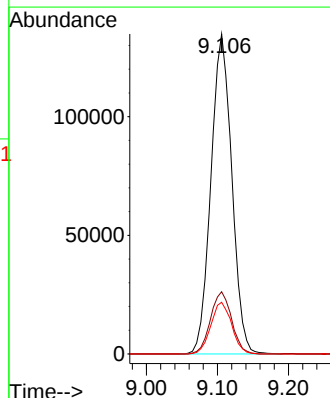
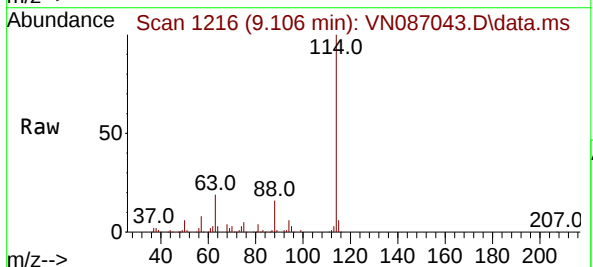
Tgt Ion:114 Resp: 274676

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

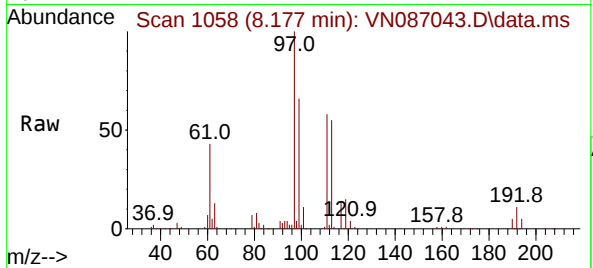
88 16.2 0.0 30.2





#35
Dibromofluoromethane
Concen: 54.289 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

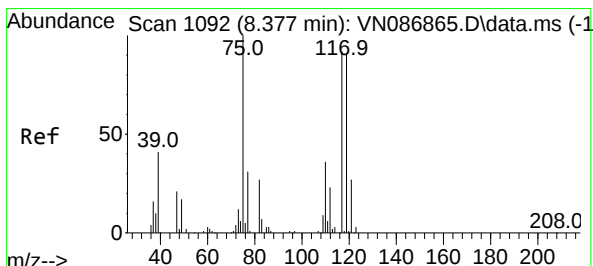
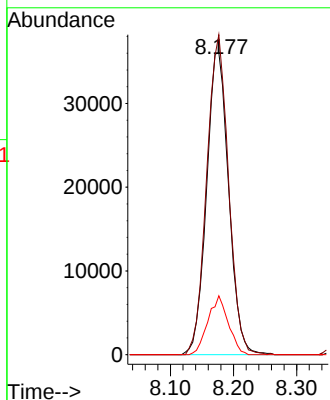
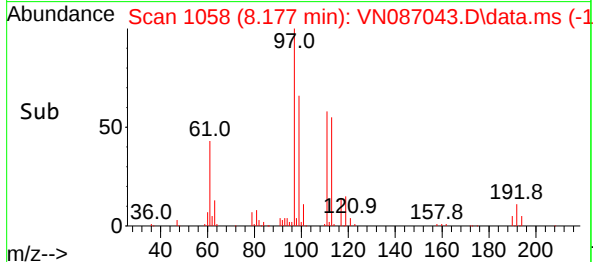
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



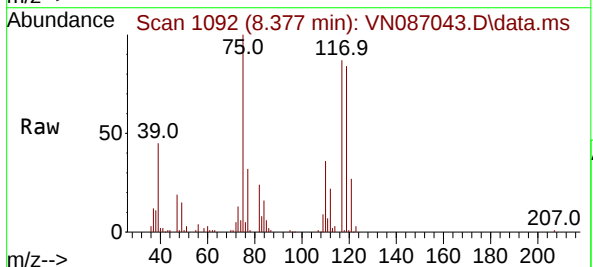
Tgt Ion: 113 Resp: 8837
Ion Ratio Lower Upper
113 100
111 103.7 84.2 126.2
192 17.8 14.2 21.4

Manual Integrations
APPROVED

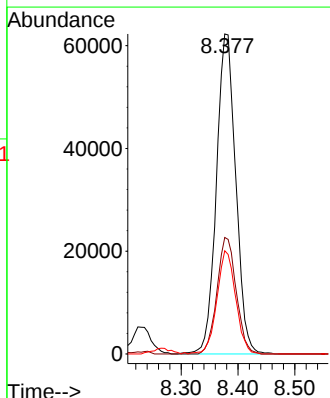
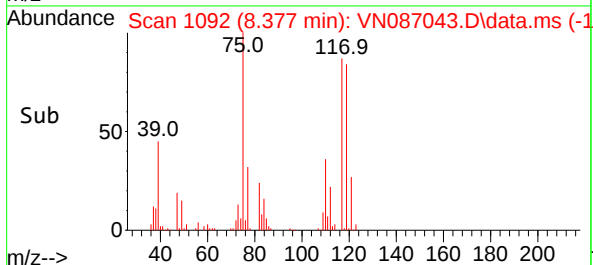
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#36
1,1-Dichloropropene
Concen: 60.876 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



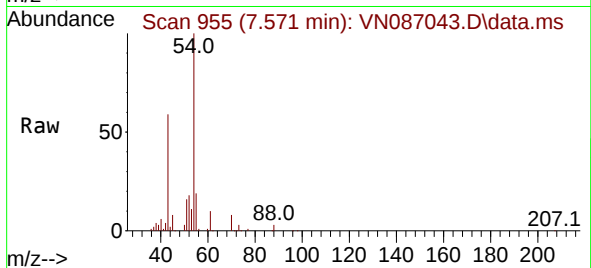
Tgt Ion: 75 Resp: 147660
Ion Ratio Lower Upper
75 100
110 36.1 17.6 52.9
77 31.3 25.3 37.9





#37
Ethyl Acetate
Concen: 58.331 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

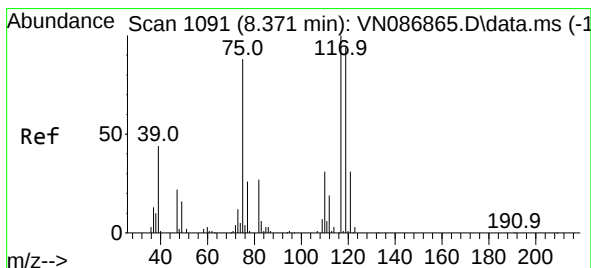
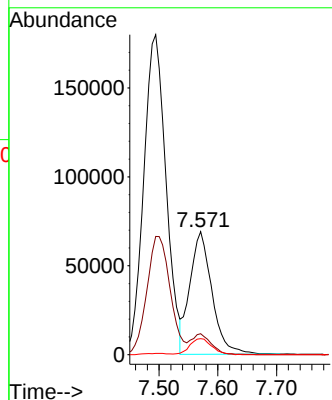
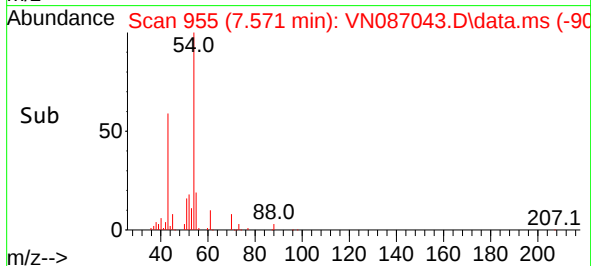
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 18011
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 13.1 9.8 14.6

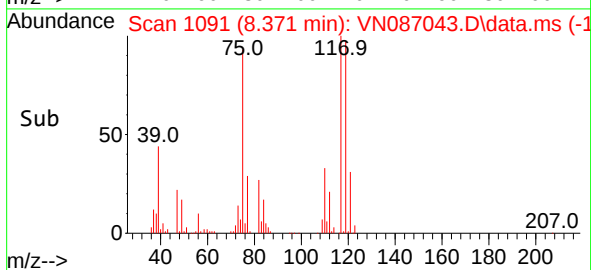
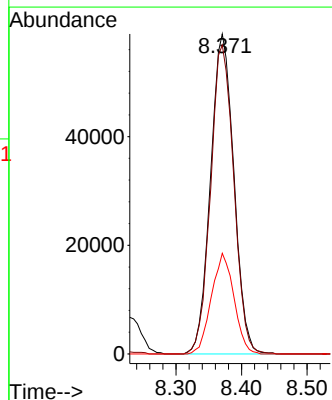
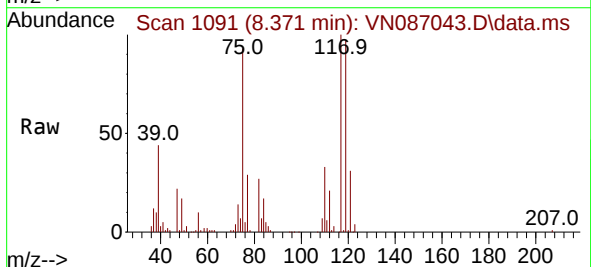
Manual Integrations
APPROVED

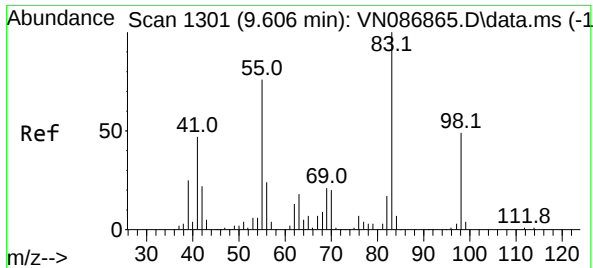
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#38
Carbon Tetrachloride
Concen: 61.066 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Tgt Ion:117 Resp: 145420
Ion Ratio Lower Upper
117 100
119 96.6 75.0 112.6
121 31.4 24.9 37.3





#39
Methylcyclohexane
Concen: 53.205 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

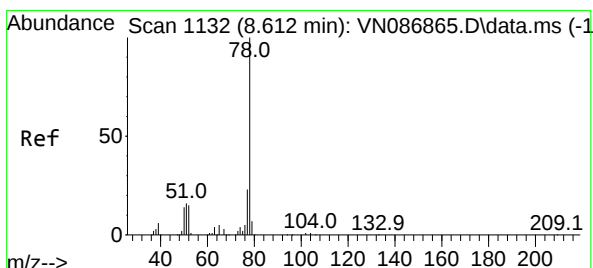
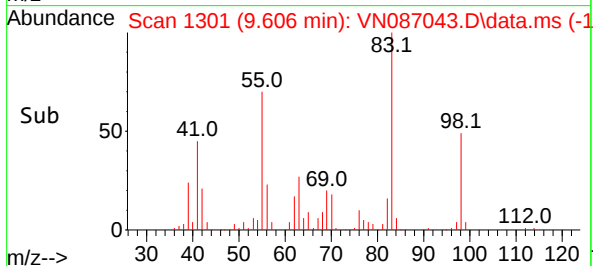
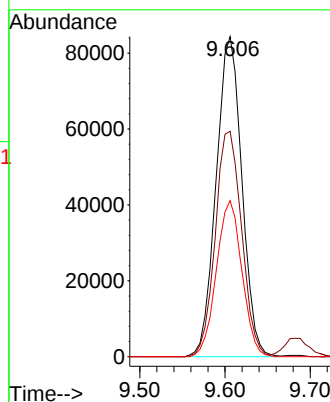
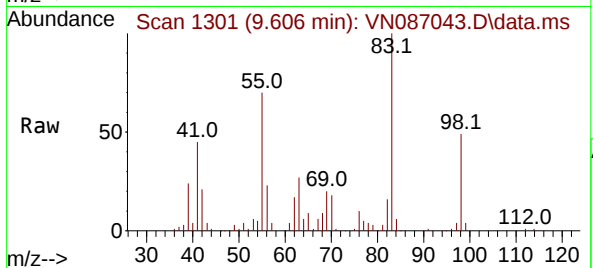
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 176808
Ion Ratio Lower Upper
83 100
55 70.4 61.0 91.6
98 48.7 38.9 58.3

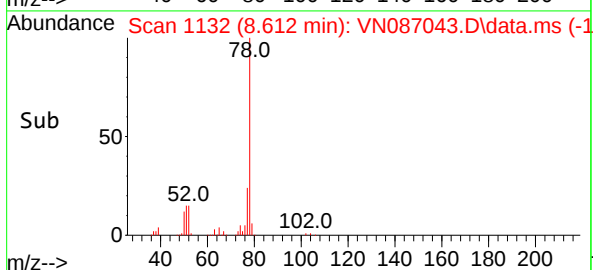
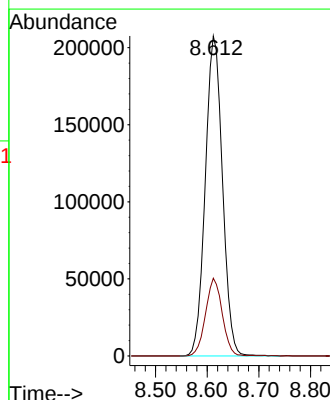
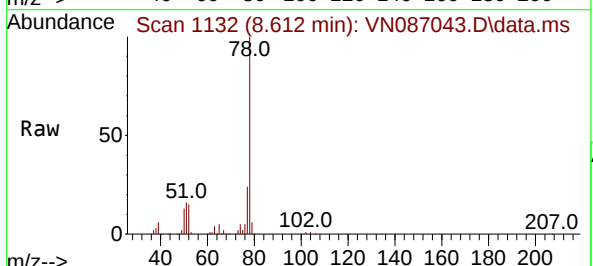
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#40
Benzene
Concen: 60.431 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

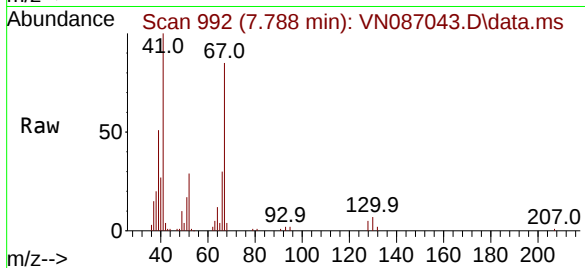
Tgt Ion: 78 Resp: 479321
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1





#41
Methacrylonitrile
Concen: 57.739 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

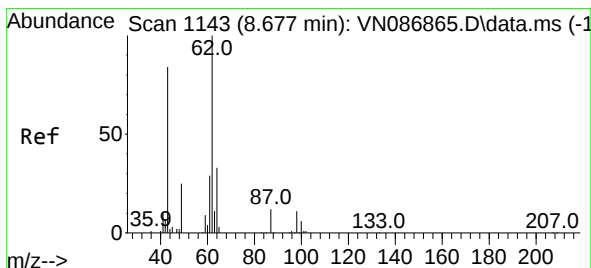
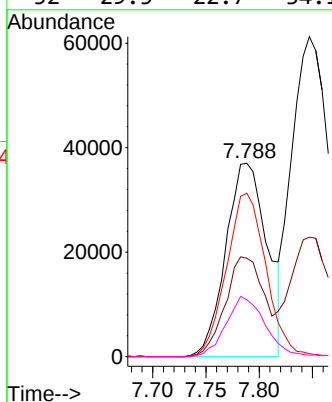
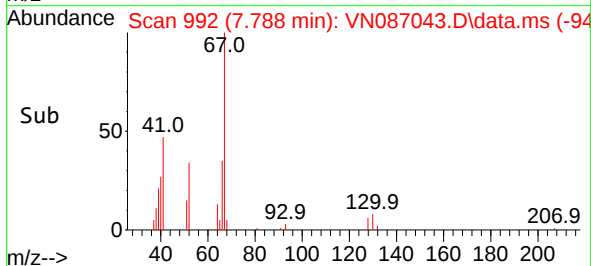
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 100120
Ion Ratio Lower Upper
41 100
39 47.7 41.2 61.8
67 80.9 61.4 92.2
52 29.5 22.7 34.1

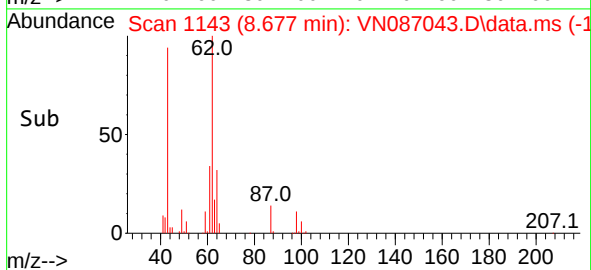
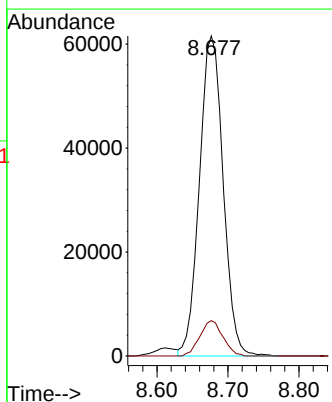
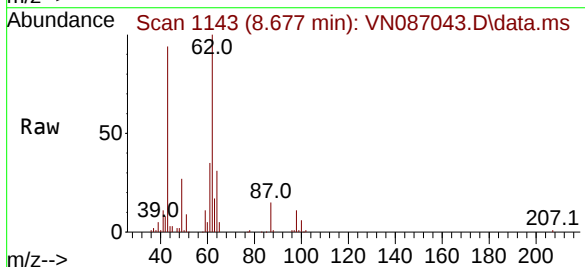
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#42
1,2-Dichloroethane
Concen: 59.511 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

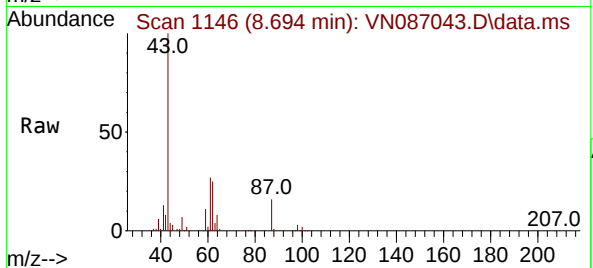
Tgt Ion: 62 Resp: 143170
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.2





#43
Isopropyl Acetate
Concen: 55.412 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

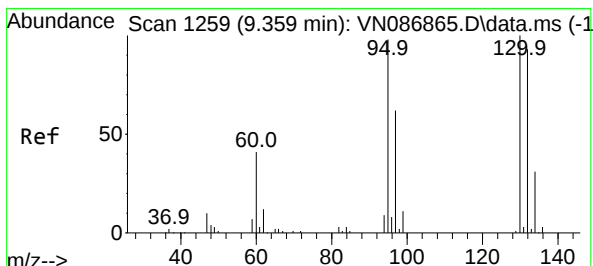
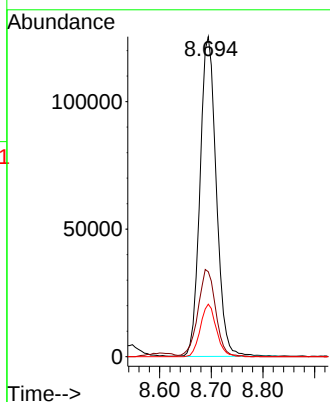
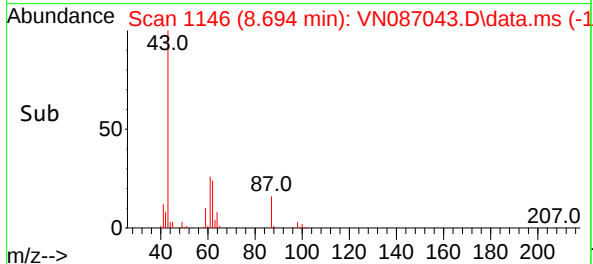
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



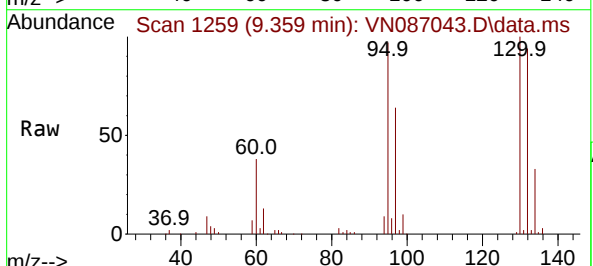
Tgt Ion: 43 Resp: 274610
Ion Ratio Lower Upper
43 100
61 29.7 22.1 33.1
87 16.2 11.8 17.6

Manual Integrations
APPROVED

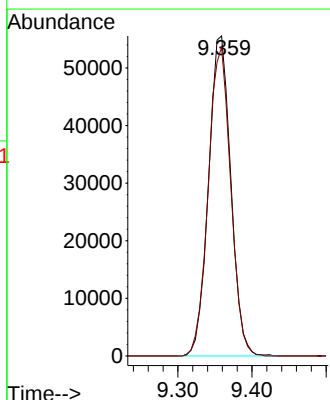
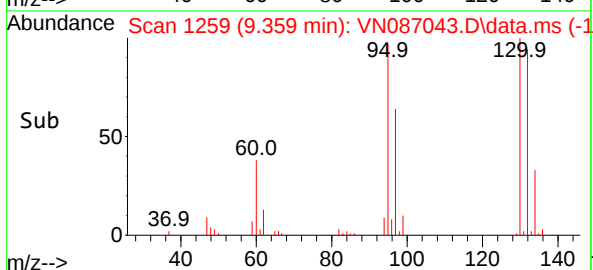
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

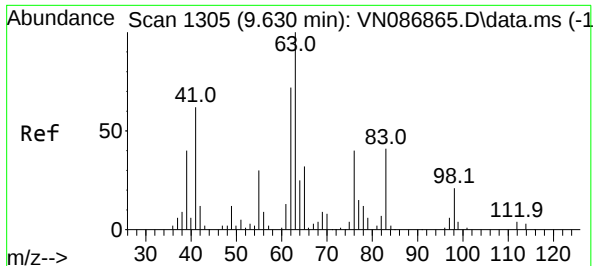


#44
Trichloroethene
Concen: 61.492 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



Tgt Ion:130 Resp: 115652
Ion Ratio Lower Upper
130 100
95 96.5 0.0 196.2





#45

1,2-Dichloropropane

Concen: 60.326 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 116409

Ion Ratio Lower Upper

63 100

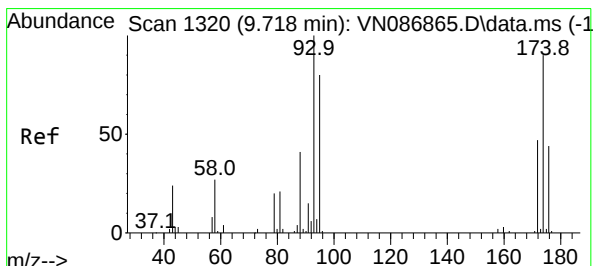
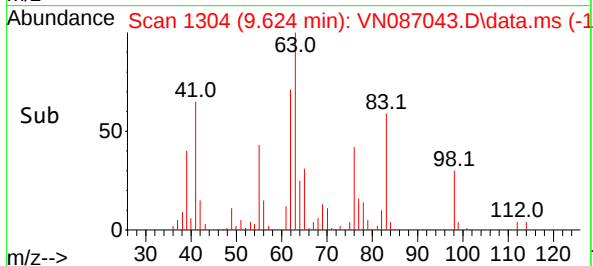
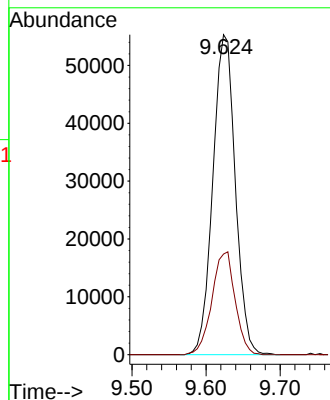
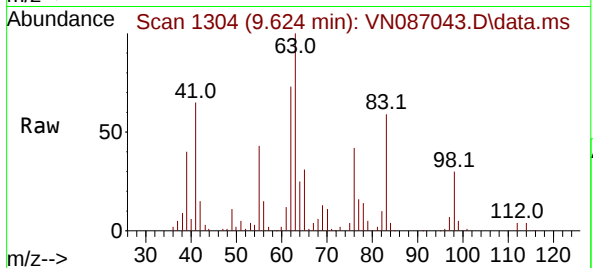
65 31.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#46

Dibromomethane

Concen: 62.794 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

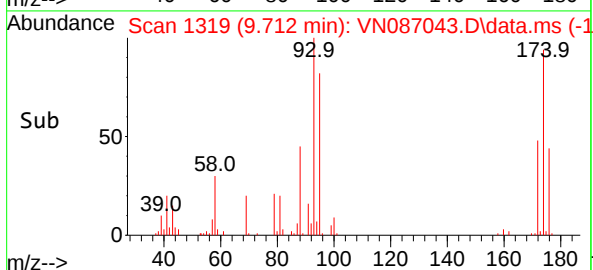
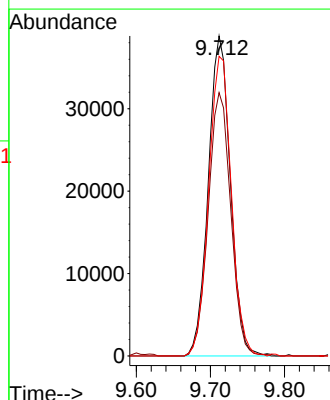
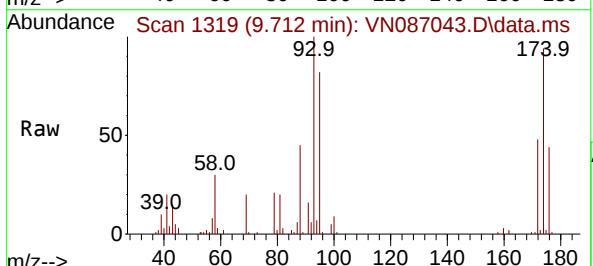
Tgt Ion: 93 Resp: 80484

Ion Ratio Lower Upper

93 100

95 84.0 67.1 100.7

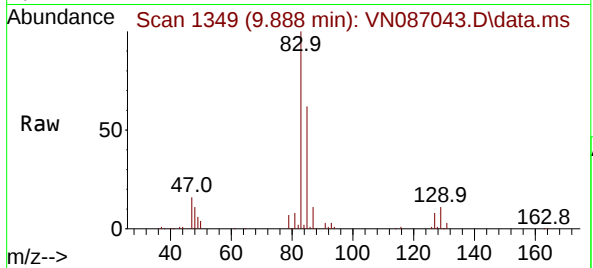
174 95.9 74.2 111.4





#47
Bromodichloromethane
Concen: 60.646 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

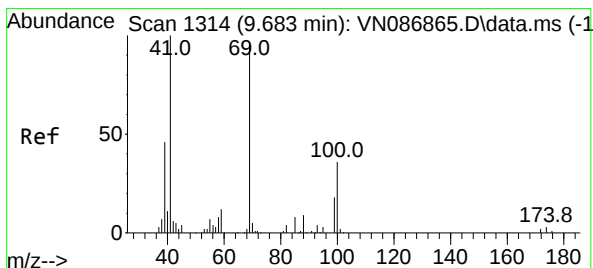
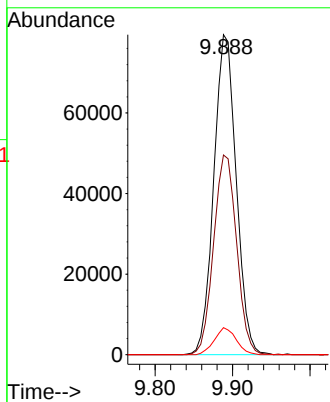
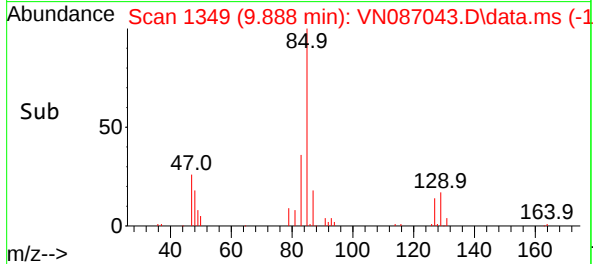
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



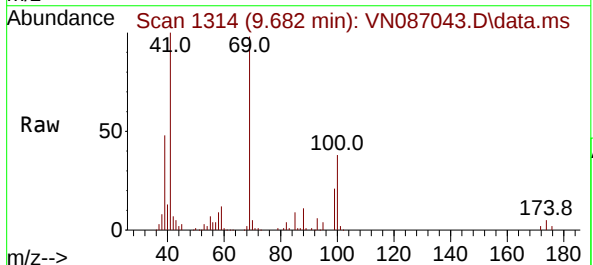
Tgt Ion: 83 Resp: 159930
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3
127 8.5 6.6 10.0

Manual Integrations
APPROVED

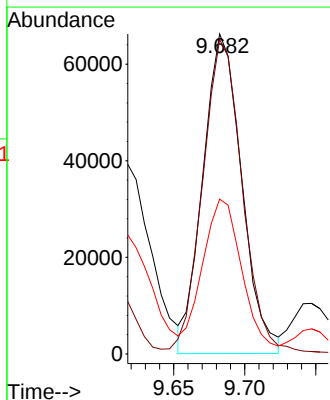
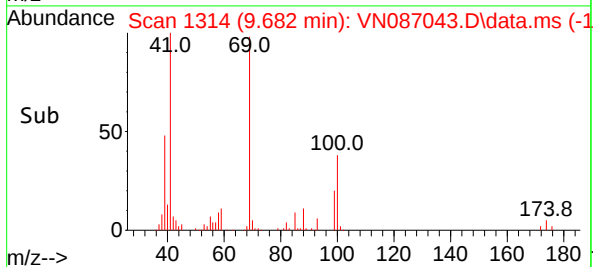
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

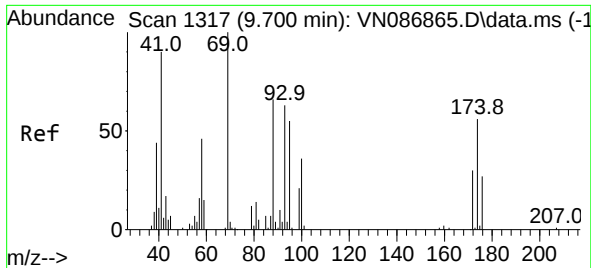


#48
Methyl methacrylate
Concen: 55.101 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



Tgt Ion: 41 Resp: 125687
Ion Ratio Lower Upper
41 100
69 100.2 74.6 112.0
39 49.7 40.2 60.4





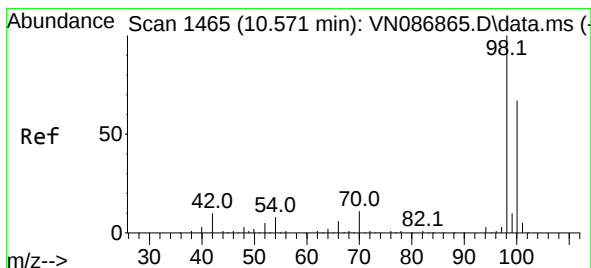
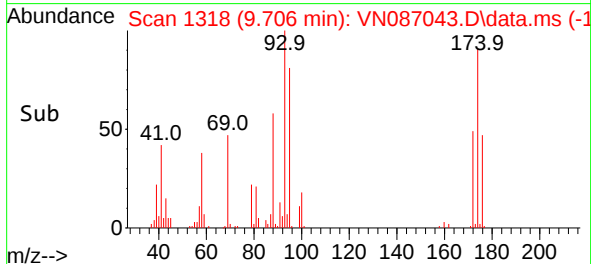
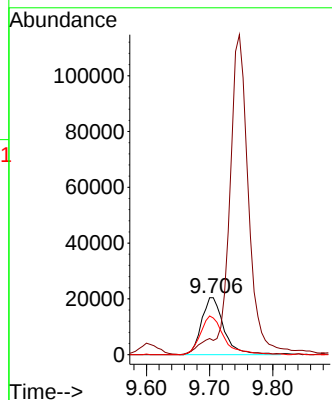
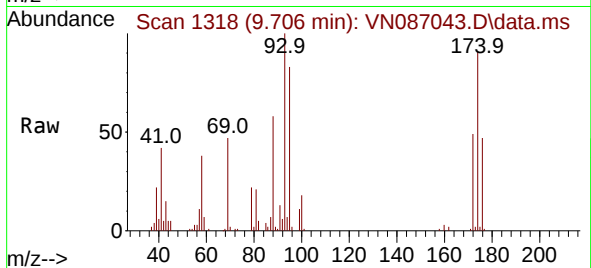
#49
1,4-Dioxane
Concen: 1214.699 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 50400
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 71.7 57.7 86.5

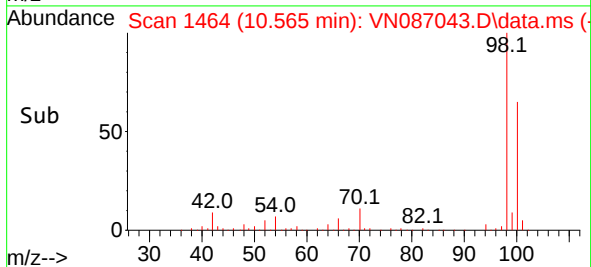
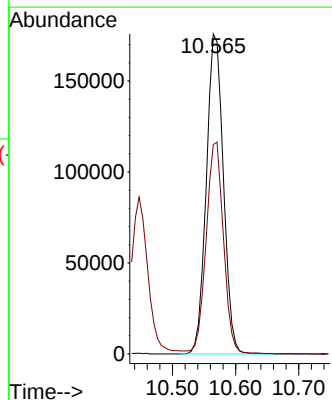
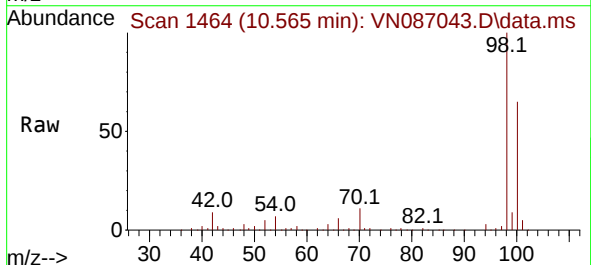
Manual Integrations
APPROVED

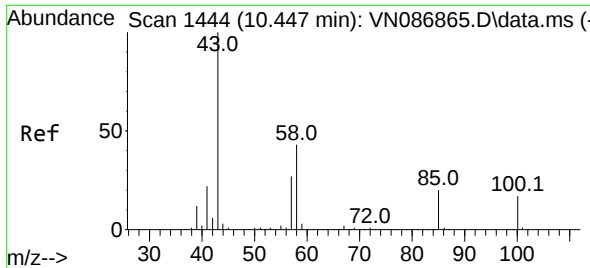
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#50
Toluene-d8
Concen: 51.209 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Tgt Ion: 98 Resp: 329994
Ion Ratio Lower Upper
98 100
100 67.5 53.4 80.0





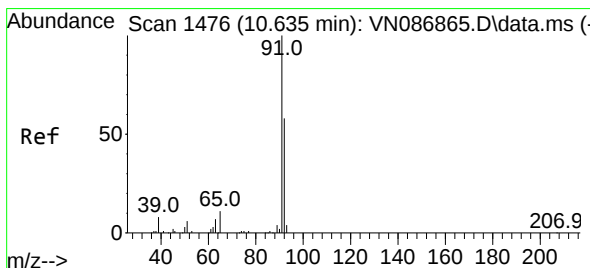
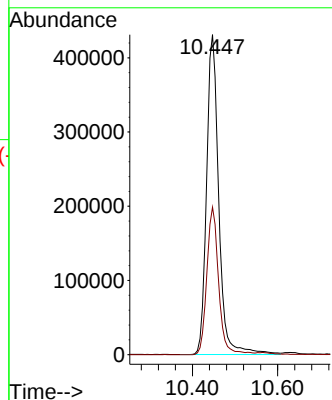
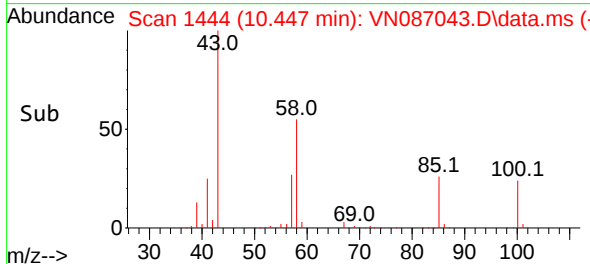
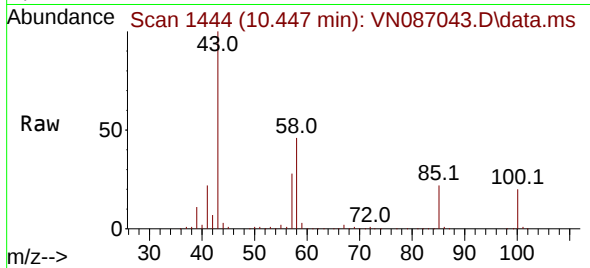
#51
4-Methyl-2-Pentanone
Concen: 287.043 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 85638
Ion Ratio Lower Upper
43 100
58 44.7 34.2 51.4

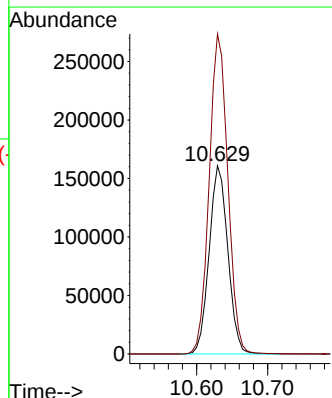
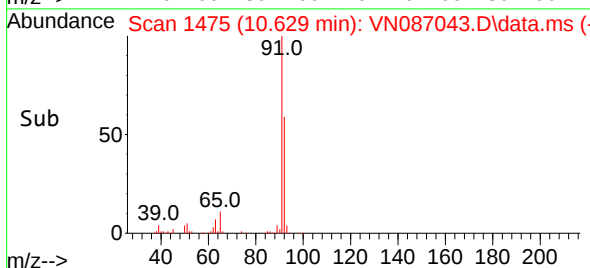
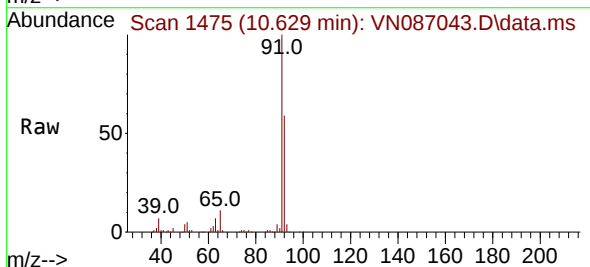
Manual Integrations
APPROVED

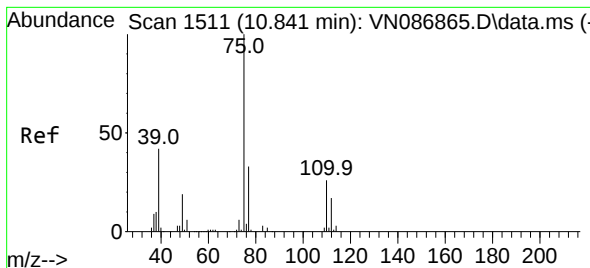
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#52
Toluene
Concen: 60.582 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Tgt Ion: 92 Resp: 293658
Ion Ratio Lower Upper
92 100
91 170.2 136.5 204.7





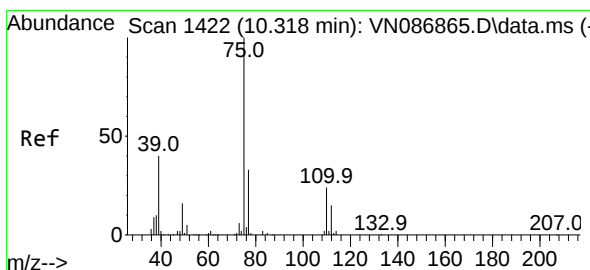
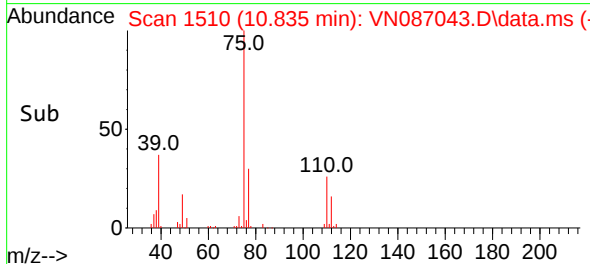
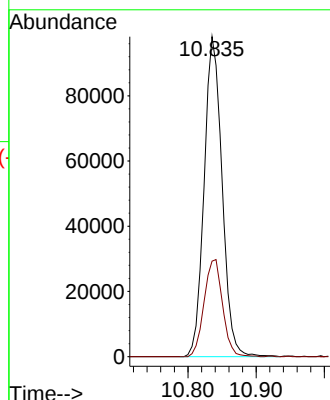
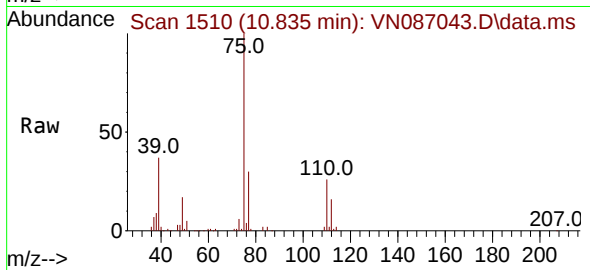
#53
 t-1,3-Dichloropropene
 Concen: 61.090 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 18014
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.4 39.6

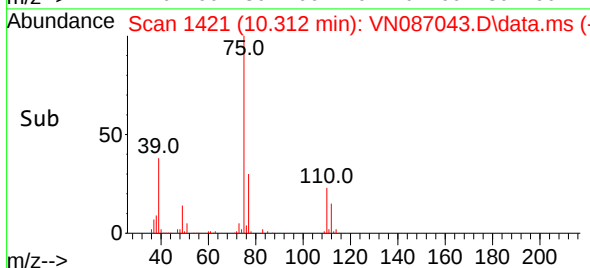
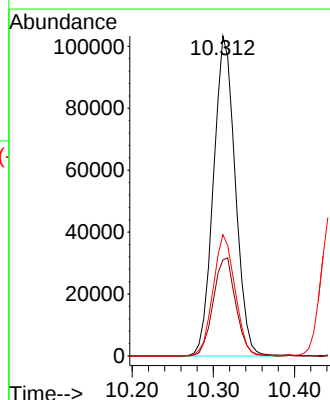
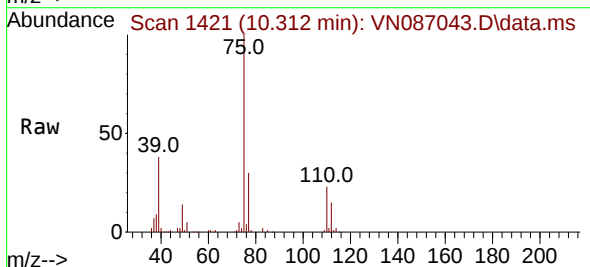
Manual Integrations
 APPROVED

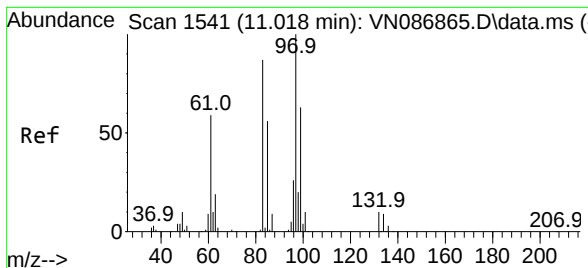
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#54
 cis-1,3-Dichloropropene
 Concen: 61.196 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

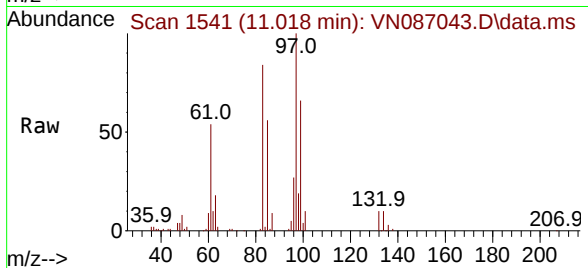
Tgt Ion: 75 Resp: 193084
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.2 39.4
 39 37.9 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 61.123 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

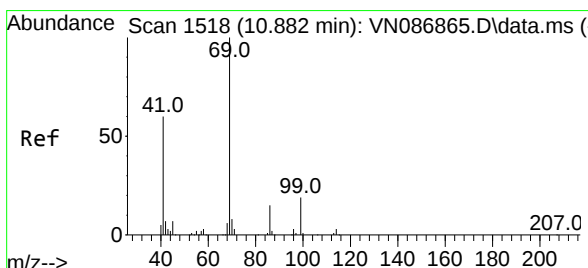
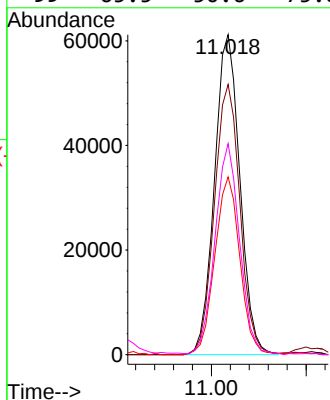
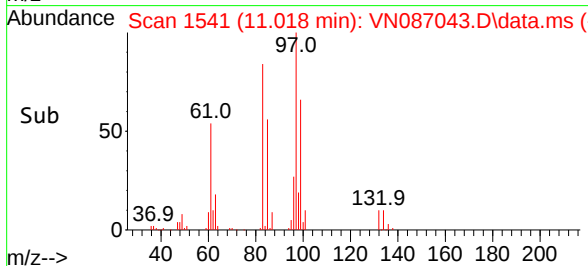
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



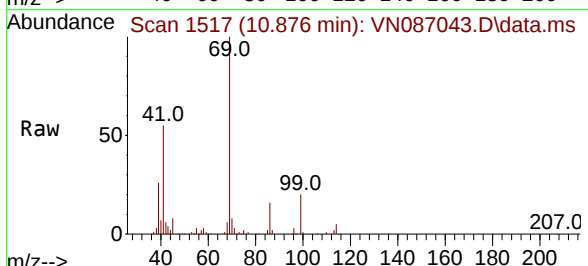
Tgt Ion: 97 Resp: 114004
Ion Ratio Lower Upper
97 100
83 84.4 69.7 104.5
85 55.6 45.1 67.7
99 65.5 50.6 75.8

Manual Integrations
APPROVED

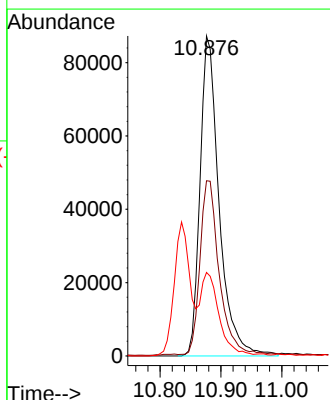
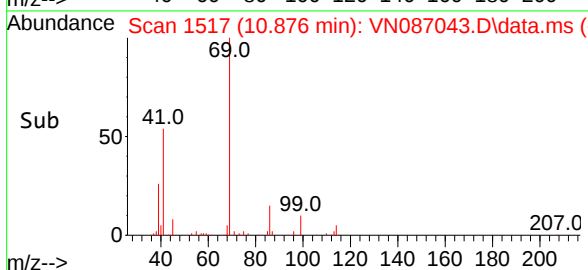
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

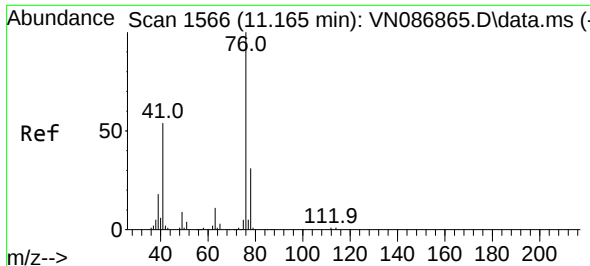


#56
Ethyl methacrylate
Concen: 63.888 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



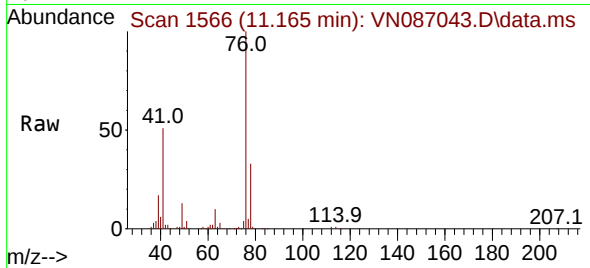
Tgt Ion: 69 Resp: 189795
Ion Ratio Lower Upper
69 100
41 54.5 47.2 70.8
39 24.6 23.0 34.6





#57
1,3-Dichloropropane
Concen: 60.878 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

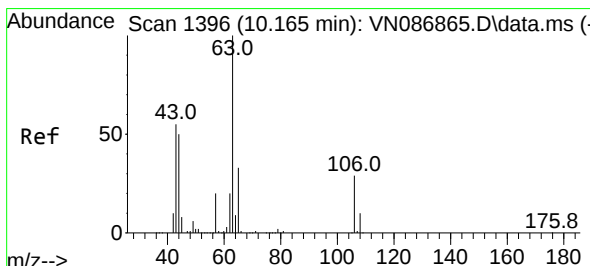
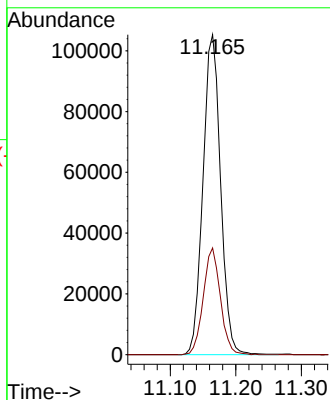
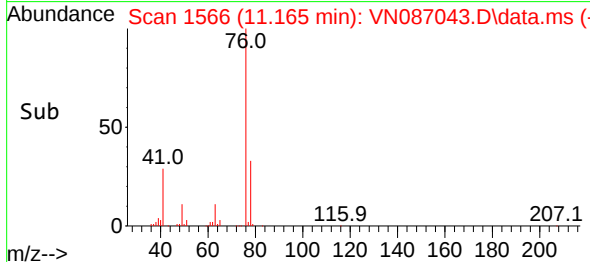
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 196972
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

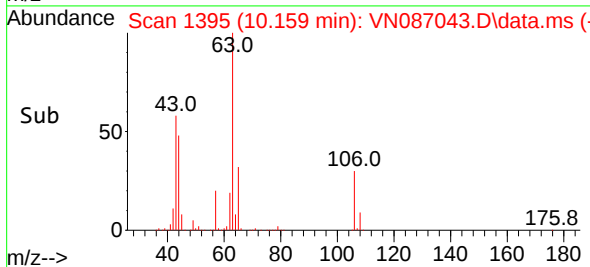
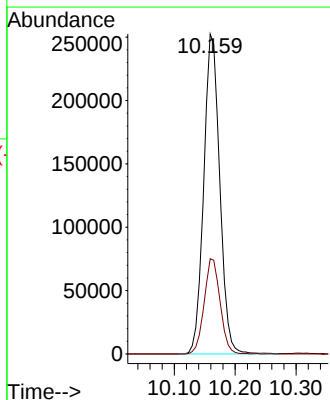
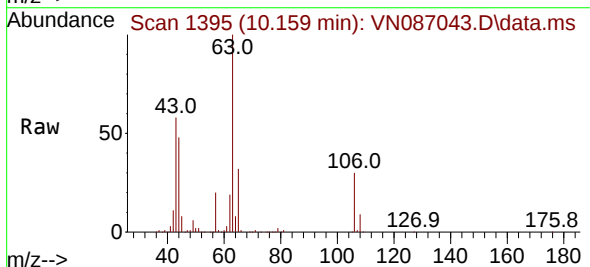
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#58
2-Chloroethyl Vinyl ether
Concen: 260.322 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

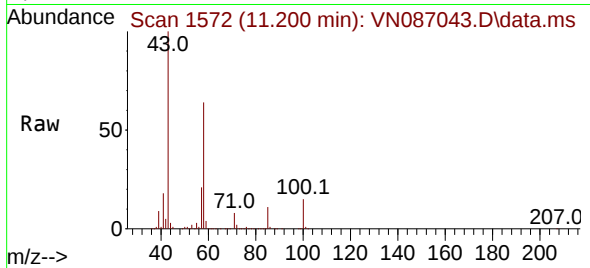
Tgt Ion: 63 Resp: 461263
Ion Ratio Lower Upper
63 100
106 29.6 23.0 34.6





#59
2-Hexanone
Concen: 300.215 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

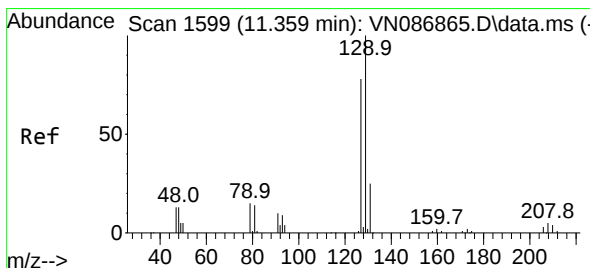
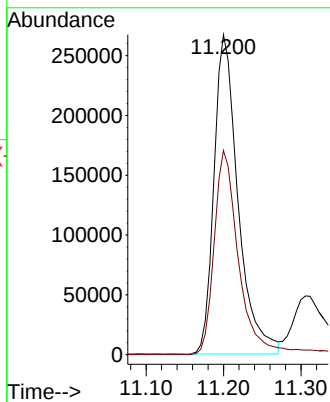
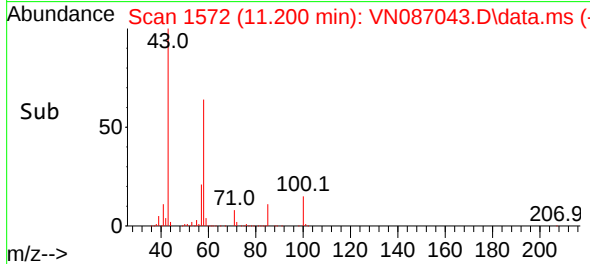
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 57694
Ion Ratio Lower Upper
43 100
58 67.3 30.4 91.3

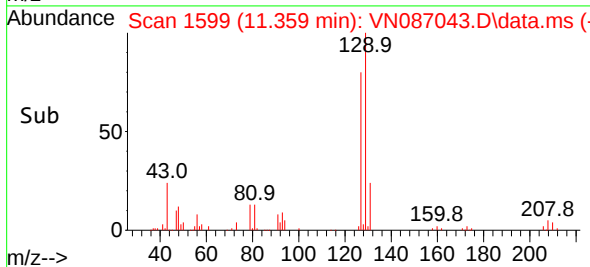
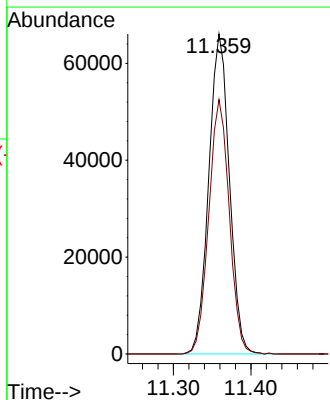
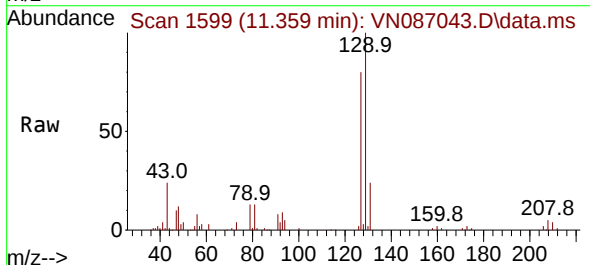
Manual Integrations
APPROVED

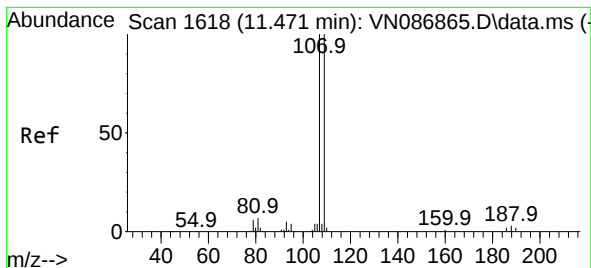
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#60
Dibromochloromethane
Concen: 62.886 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

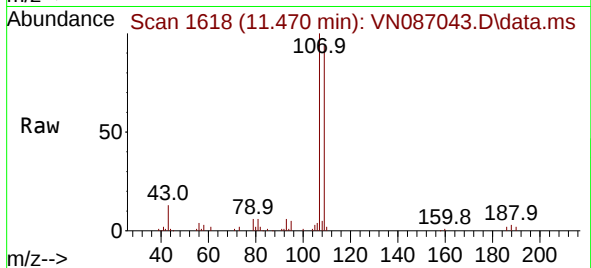
Tgt Ion:129 Resp: 122204
Ion Ratio Lower Upper
129 100
127 79.0 38.6 115.8





#61
1,2-Dibromoethane
Concen: 62.354 ug/l
RT: 11.470 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

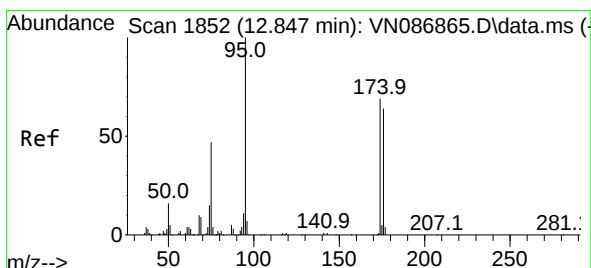
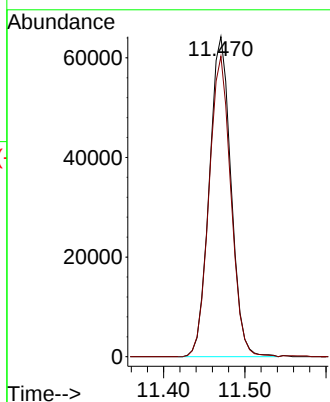
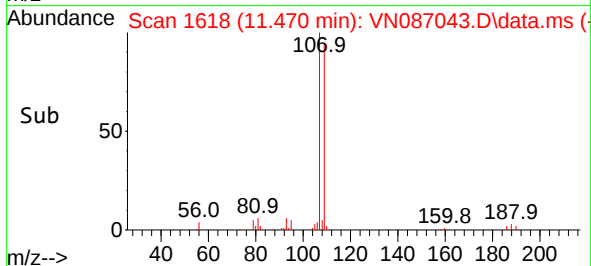
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



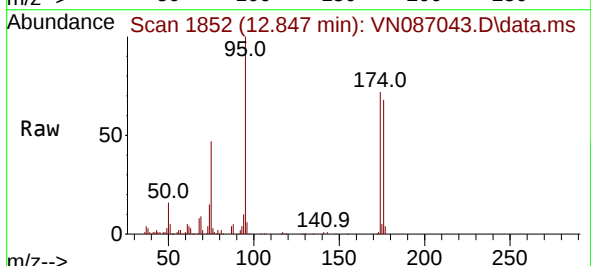
Tgt Ion:107 Resp: 11920
Ion Ratio Lower Upper
107 100
109 94.4 76.3 114.5

Manual Integrations
APPROVED

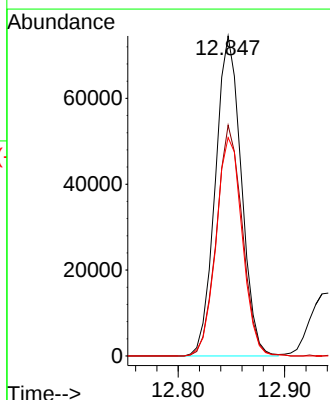
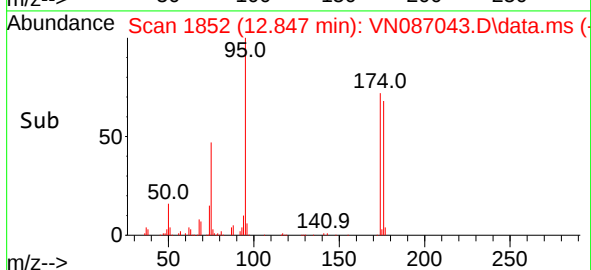
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

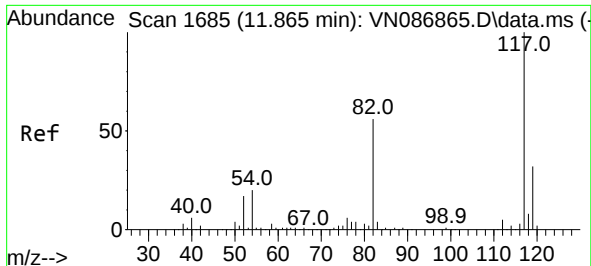


#62
4-Bromofluorobenzene
Concen: 52.708 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



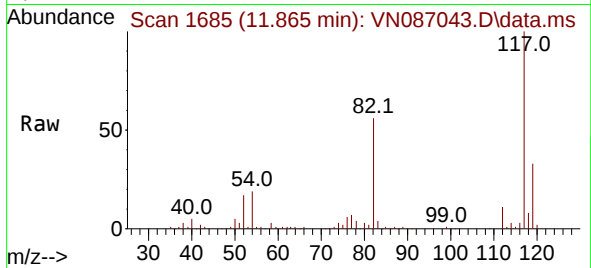
Tgt Ion: 95 Resp: 126190
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.8
176 68.8 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

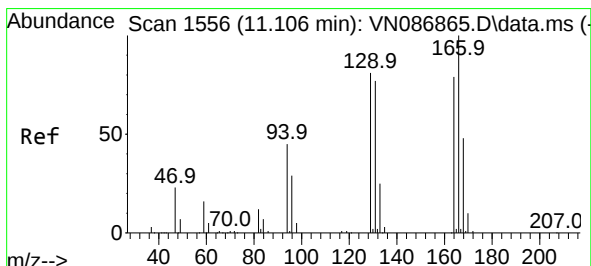
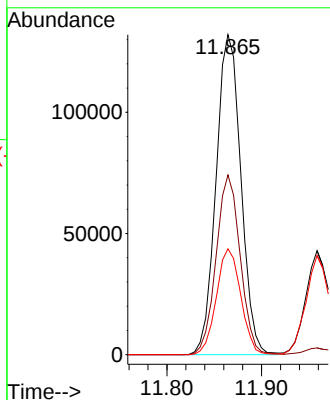
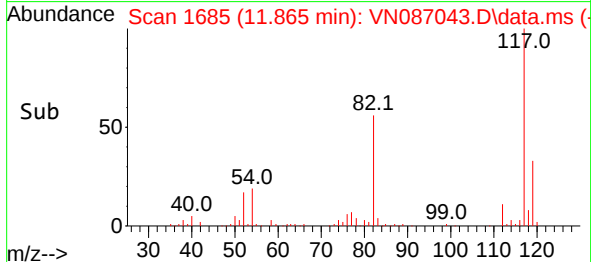
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



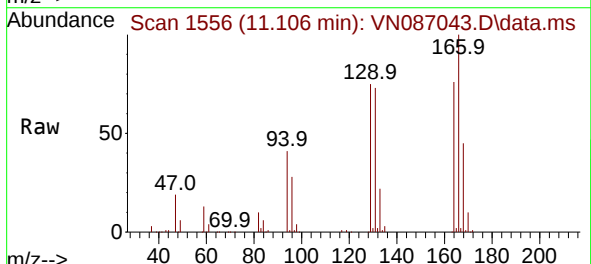
Tgt Ion:117 Resp: 240768
Ion Ratio Lower Upper
117 100
82 56.2 44.6 67.0
119 33.1 25.5 38.3

Manual Integrations
APPROVED

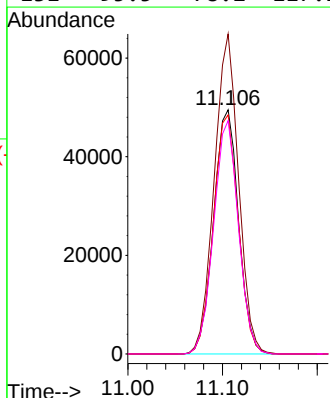
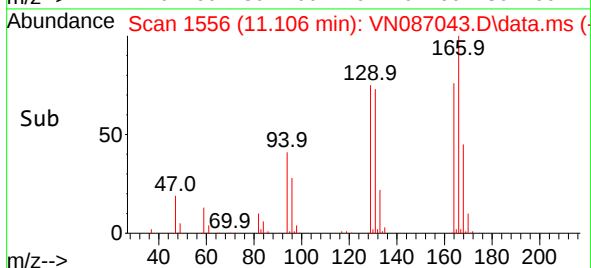
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

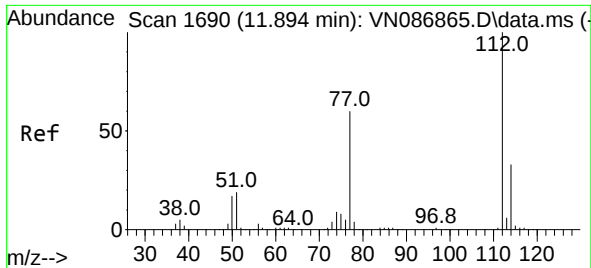


#64
Tetrachloroethene
Concen: 59.423 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



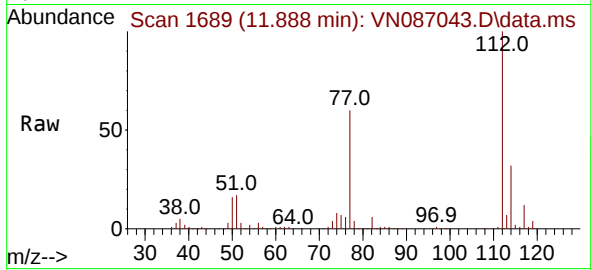
Tgt Ion:164 Resp: 90545
Ion Ratio Lower Upper
164 100
166 131.1 101.8 152.8
129 97.9 83.0 124.4
131 95.5 78.2 117.2





#65
Chlorobenzene
Concen: 60.523 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

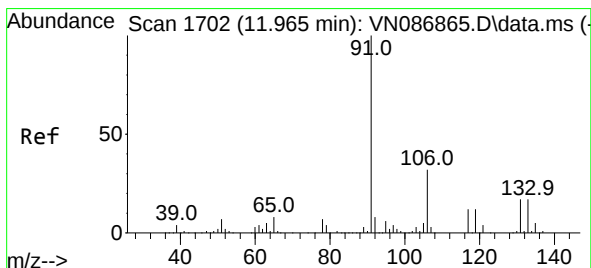
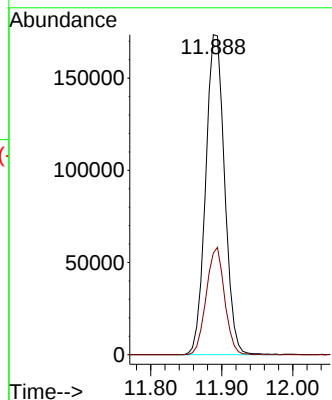
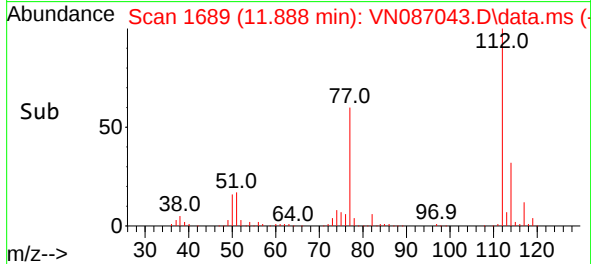
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 32139
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

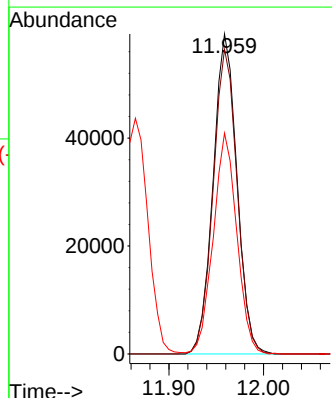
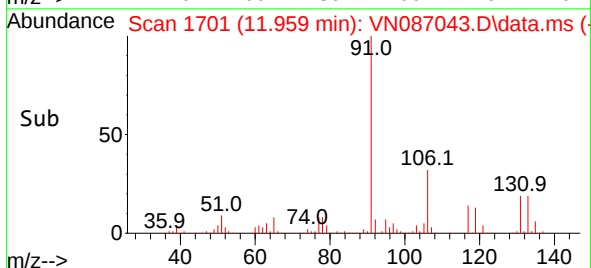
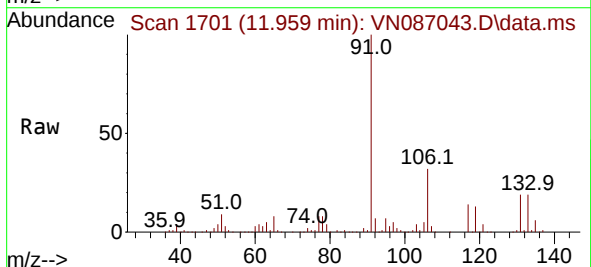
Manual Integrations
APPROVED

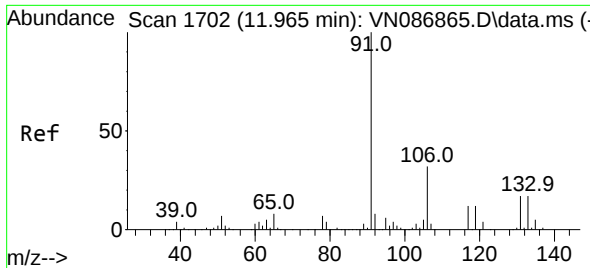
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 60.727 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Tgt Ion:131 Resp: 103658
Ion Ratio Lower Upper
131 100
133 95.8 48.3 144.8
119 68.3 34.0 101.8





#67
Ethyl Benzene
Concen: 59.322 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

ClientSampleId :

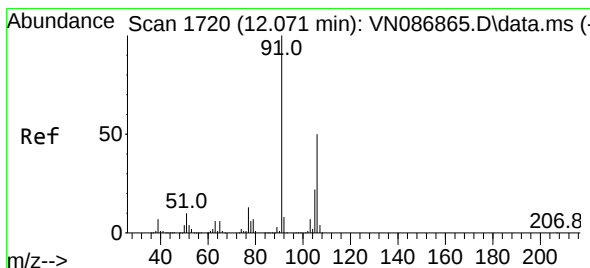
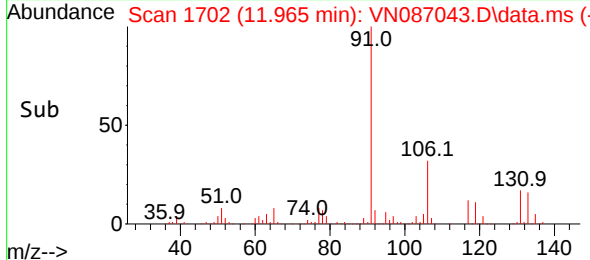
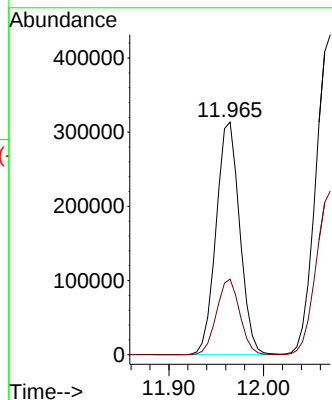
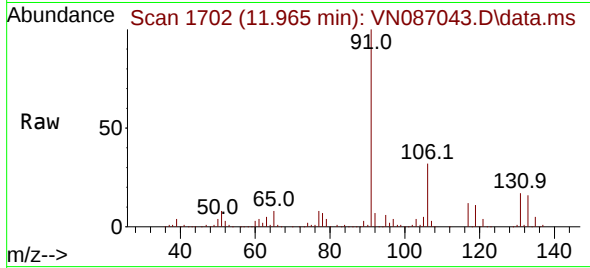
VSTDCCC050EC

Tgt Ion: 91 Resp: 542608
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2

Manual Integrations

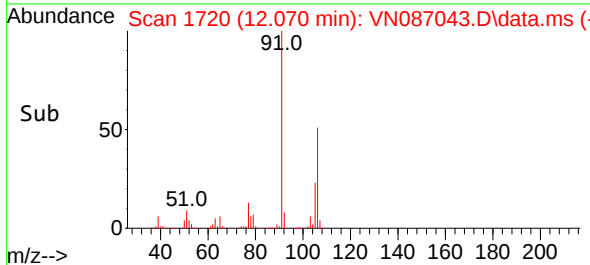
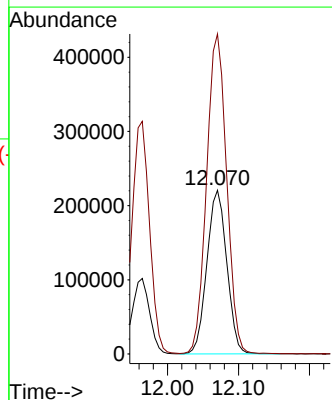
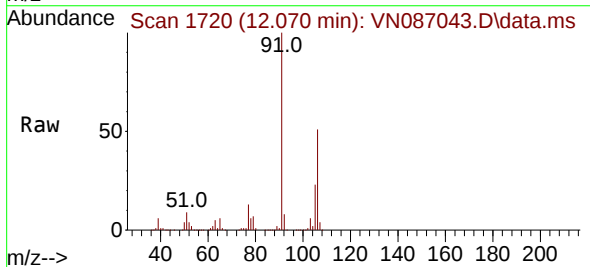
APPROVED

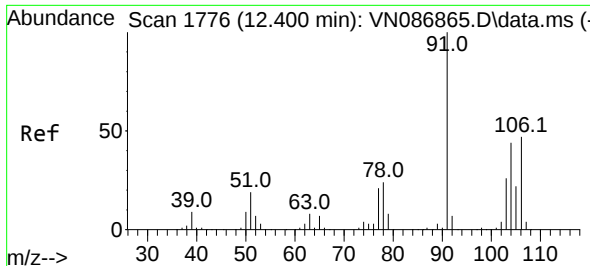
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#68
m/p-Xylenes
Concen: 122.426 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Tgt Ion:106 Resp: 428659
Ion Ratio Lower Upper
106 100
91 197.3 159.4 239.0





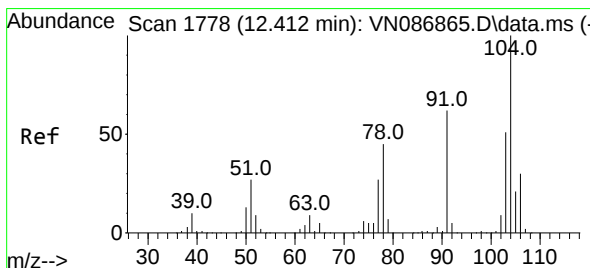
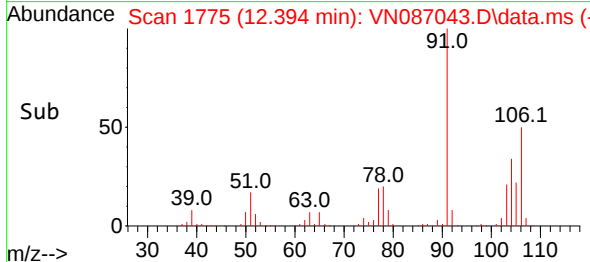
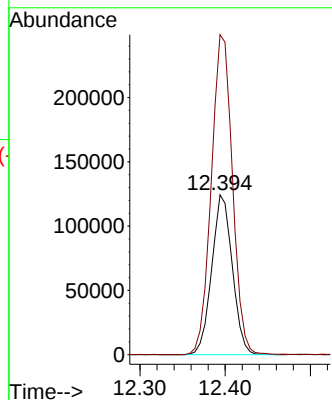
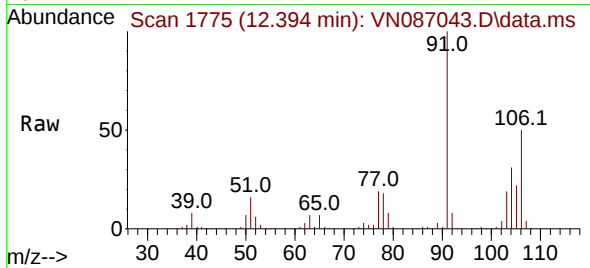
#69
o-Xylene
Concen: 62.204 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 20859
Ion Ratio Lower Upper
106 100
91 205.8 106.1 318.1

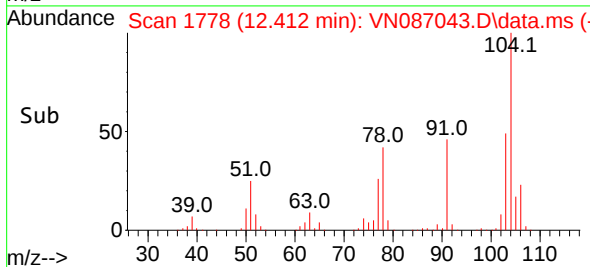
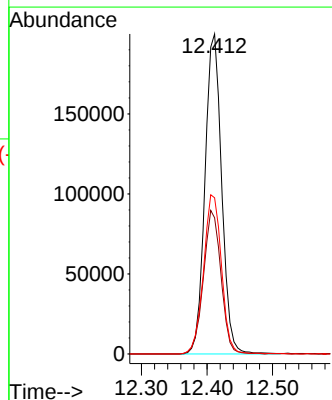
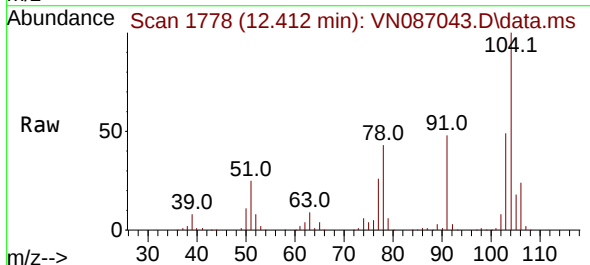
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#70
Styrene
Concen: 61.821 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Tgt Ion:104 Resp: 354747
Ion Ratio Lower Upper
104 100
78 47.1 38.5 57.7
103 53.6 43.1 64.7





#71

Bromoform

Concen: 65.619 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

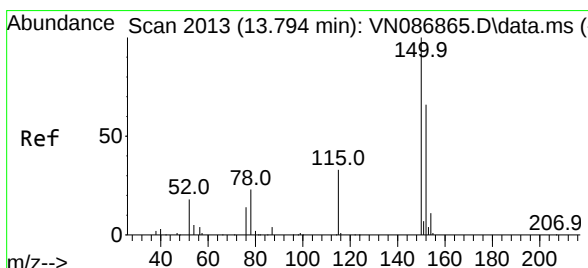
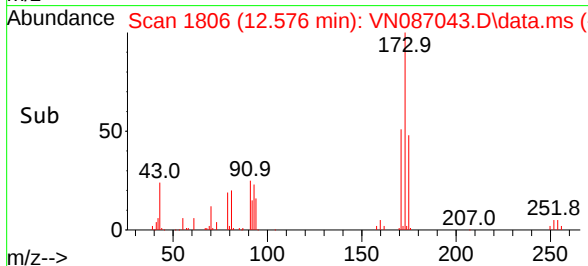
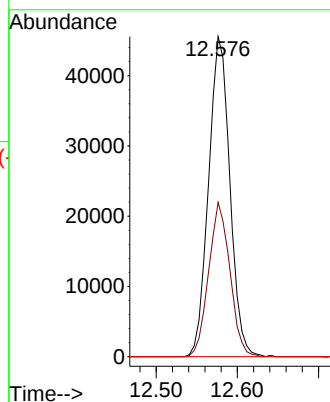
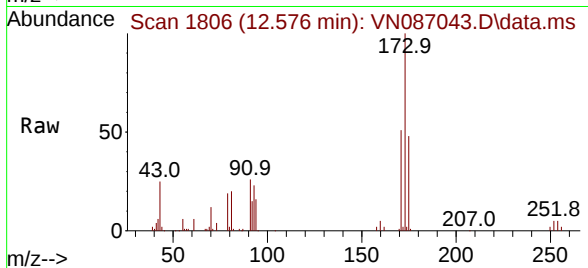
Tgt Ion:173 Resp: 82992
 Ion Ratio Lower Upper
 173 100
 175 48.1 24.1 72.4
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

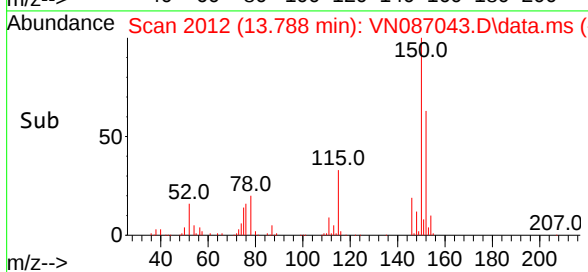
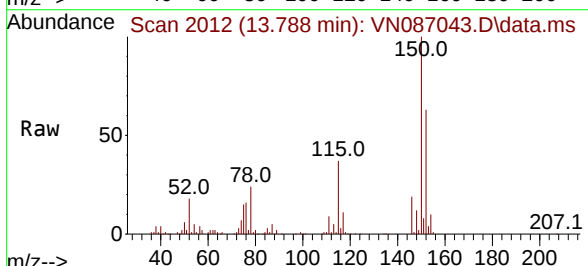
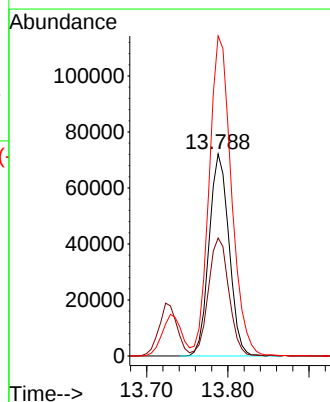
RT: 13.788 min Scan# 2012

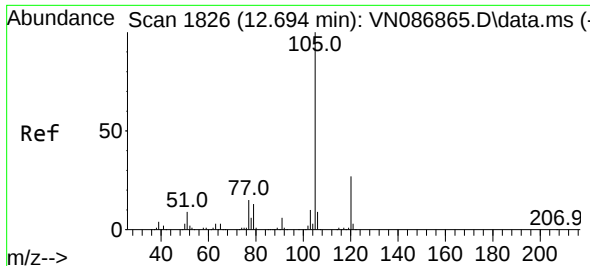
Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

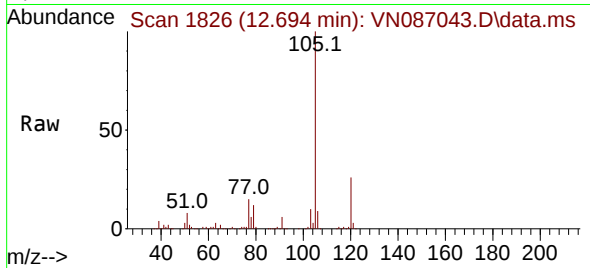
Tgt Ion:152 Resp: 122897
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.1 90.5
 150 177.2 0.0 345.0





#73
Isopropylbenzene
Concen: 56.540 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

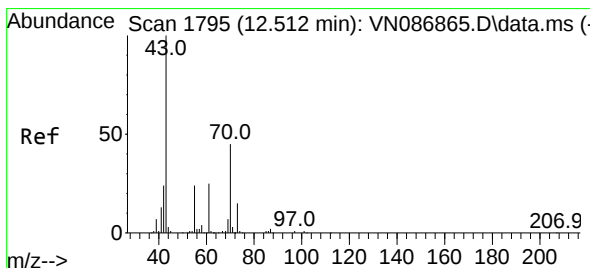
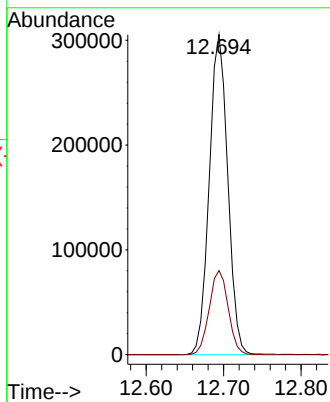
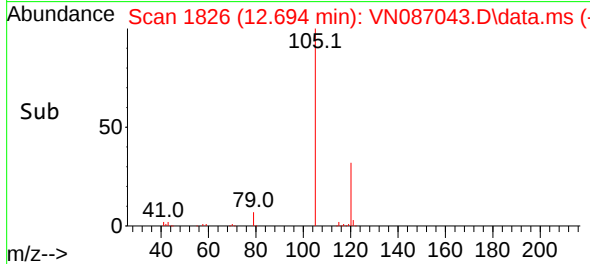
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



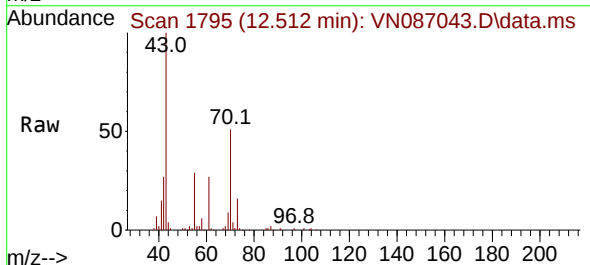
Tgt Ion:105 Resp: 506210
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

Manual Integrations
APPROVED

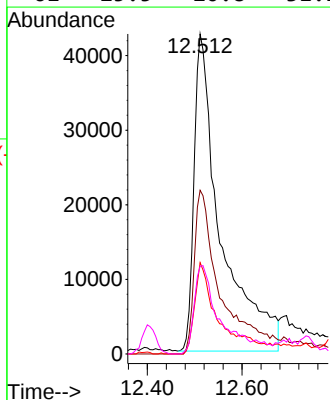
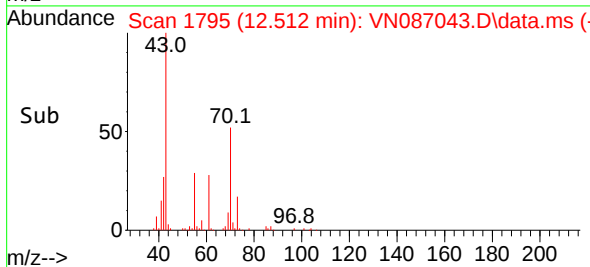
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

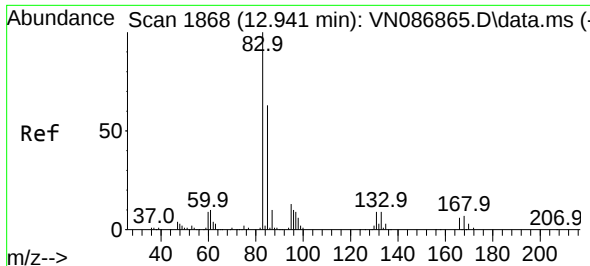


#74
N-ethyl acetate
Concen: 53.056 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



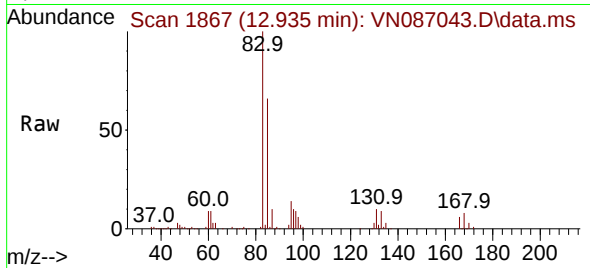
Tgt Ion: 43 Resp: 165991
Ion Ratio Lower Upper
43 100
70 52.3 37.6 56.4
55 26.1 19.0 28.6
61 25.5 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 59.703 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

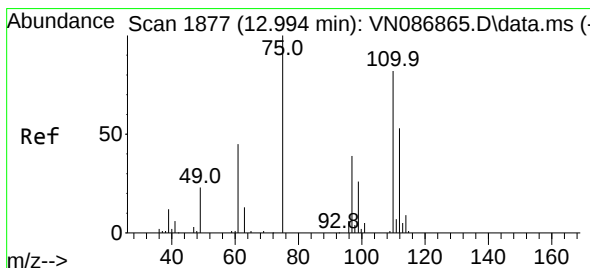
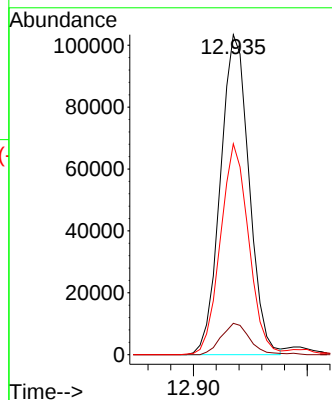
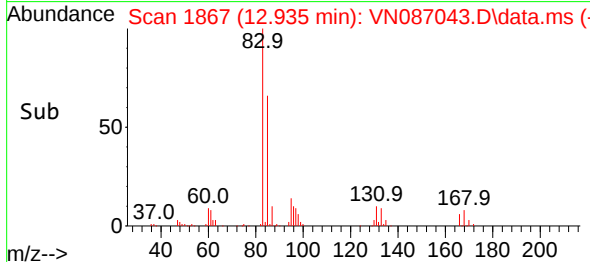
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 18108
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 65.2 32.0 96.0

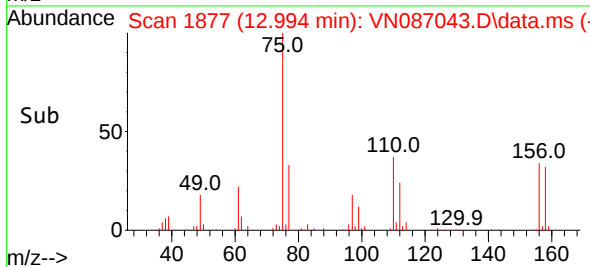
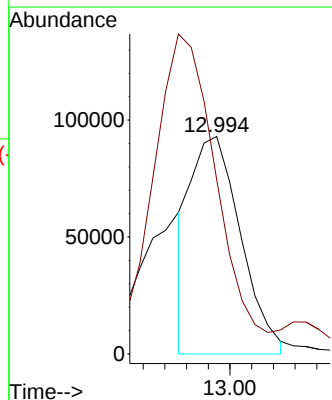
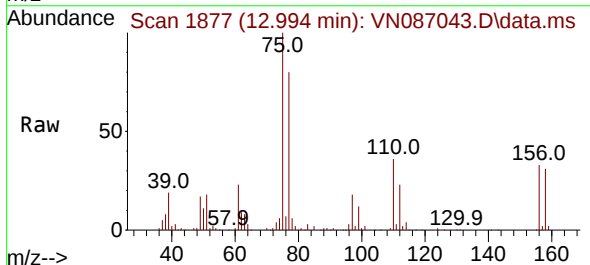
Manual Integrations
APPROVED

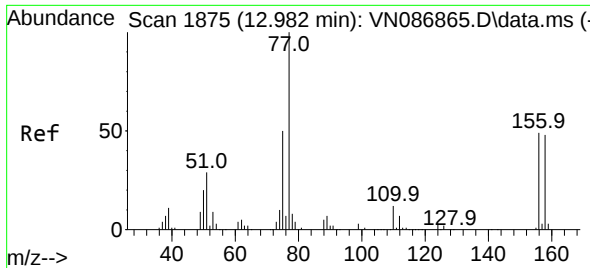
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#76
1,2,3-Trichloropropane
Concen: 50.909 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

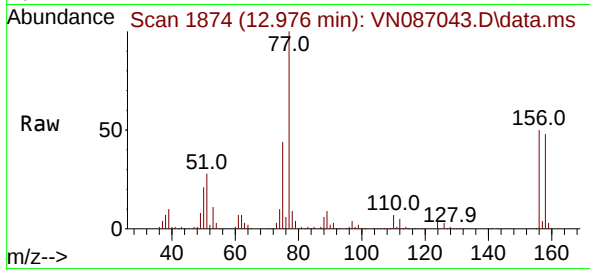
Tgt Ion: 75 Resp: 148721
Ion Ratio Lower Upper
75 100
77 188.0 79.3 237.9





#77
Bromobenzene
Concen: 60.419 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

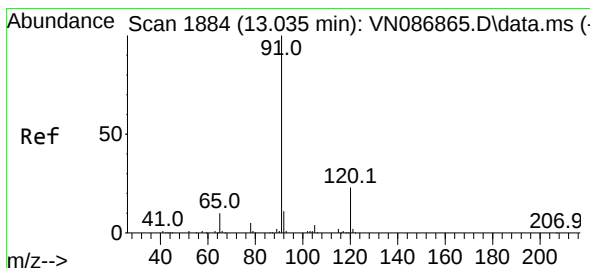
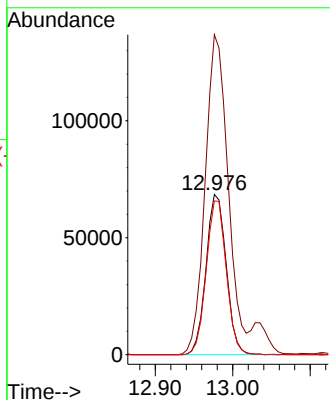
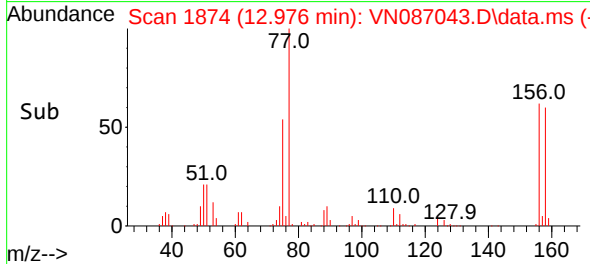
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 124050
Ion Ratio Lower Upper
156 100
77 225.3 117.7 353.1
158 95.3 48.1 144.4

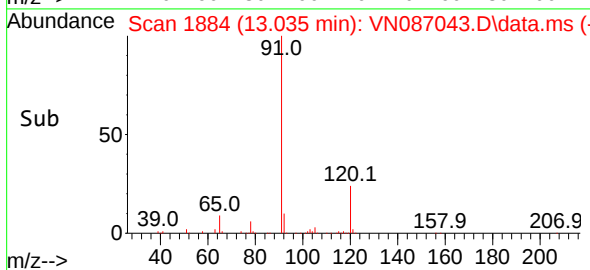
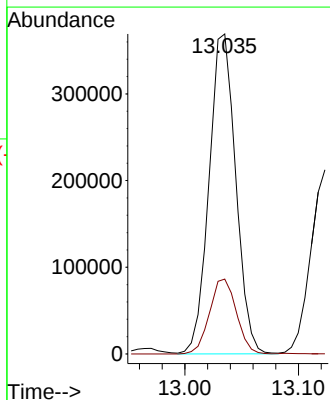
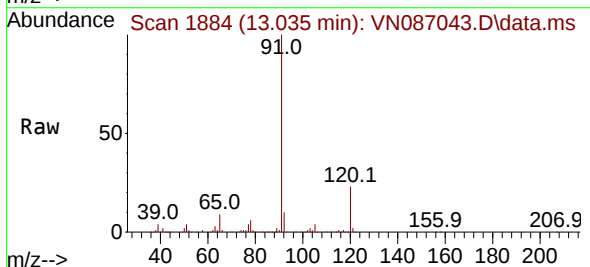
Manual Integrations
APPROVED

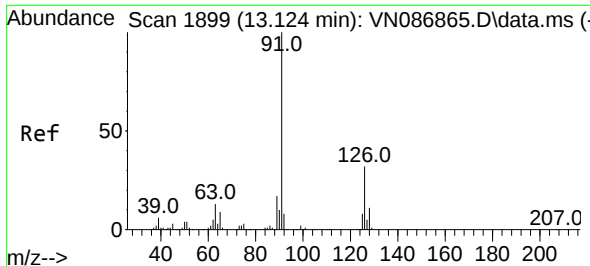
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#78
n-propylbenzene
Concen: 55.416 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Tgt Ion: 91 Resp: 602952
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.2





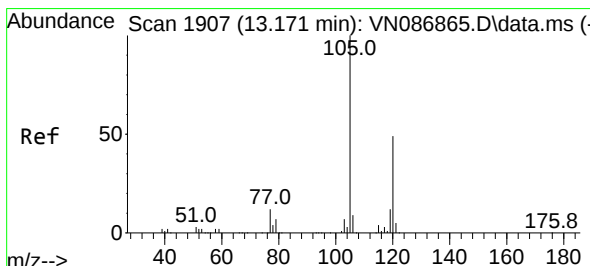
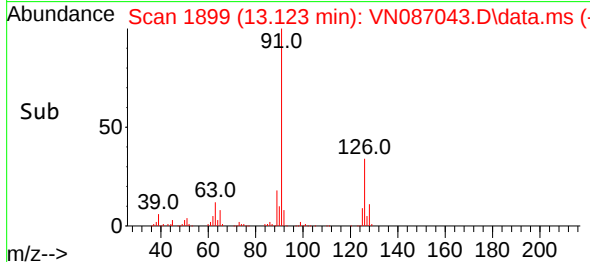
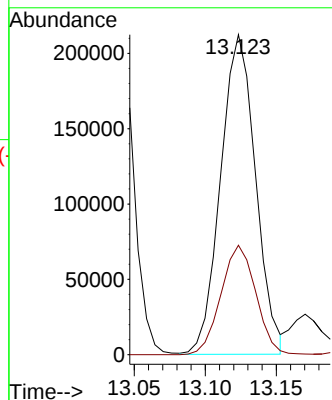
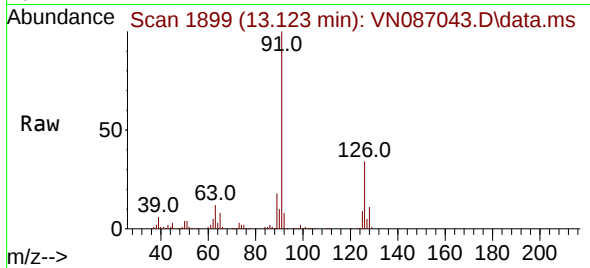
#79
2-Chlorotoluene
Concen: 55.717 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 363560
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.5

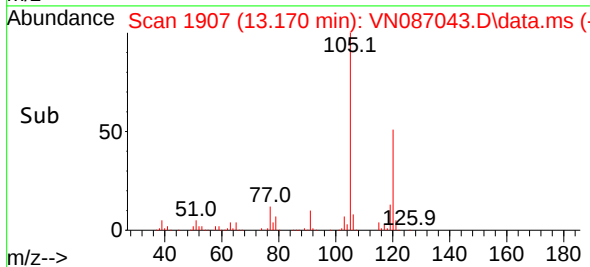
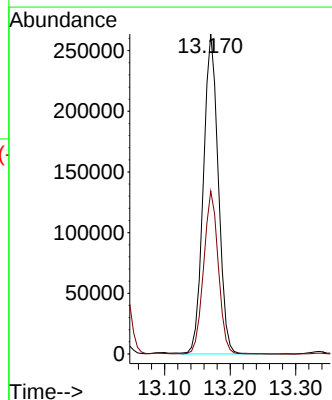
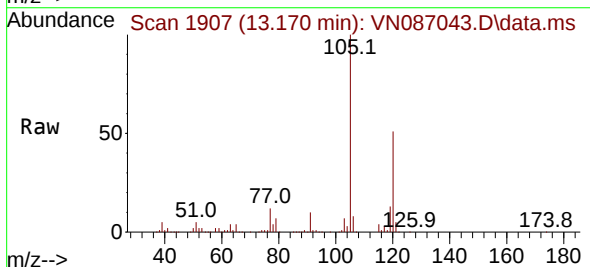
Manual Integrations
APPROVED

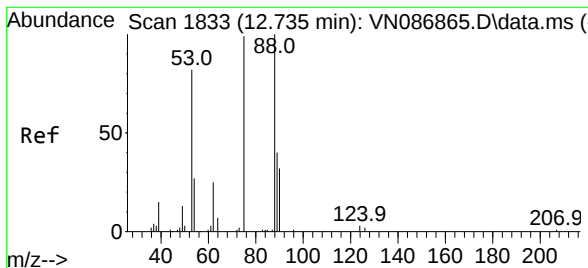
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.560 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

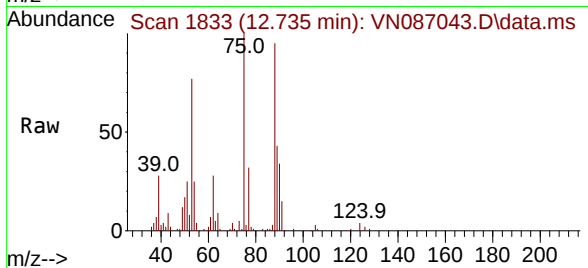
Tgt Ion:105 Resp: 418088
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.244 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

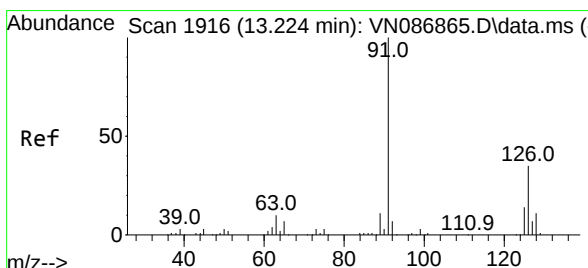
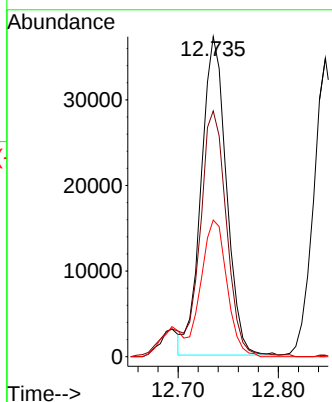
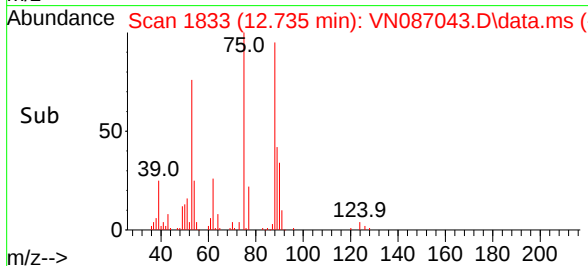
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 65032
Ion Ratio Lower Upper
75 100
53 88.3 66.6 99.8
89 44.1 36.7 55.1

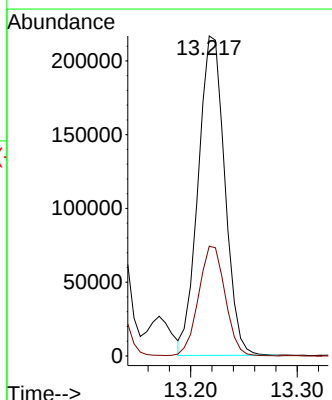
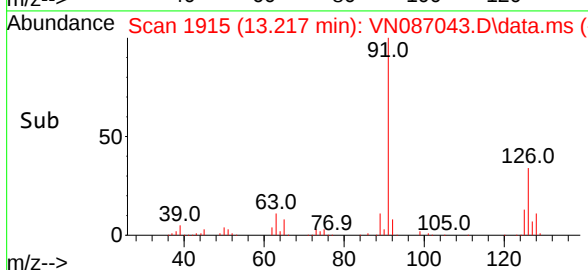
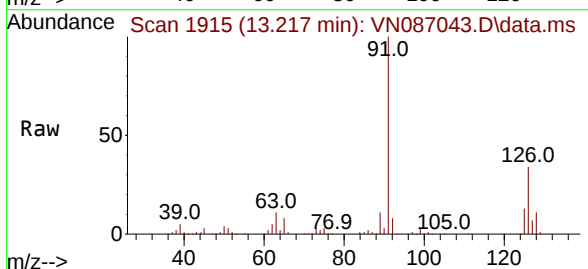
Manual Integrations
APPROVED

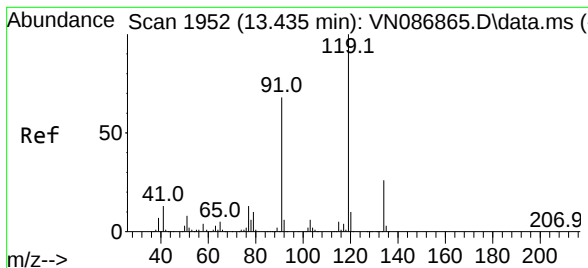
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#82
4-Chlorotoluene
Concen: 56.877 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

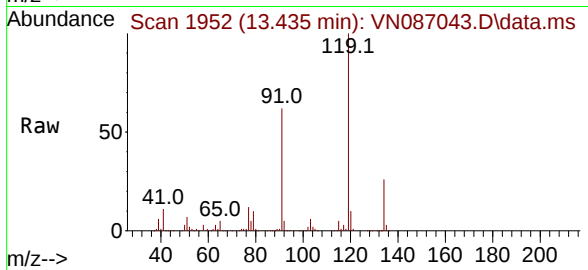
Tgt Ion: 91 Resp: 375517
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.1





#83
tert-Butylbenzene
Concen: 52.443 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

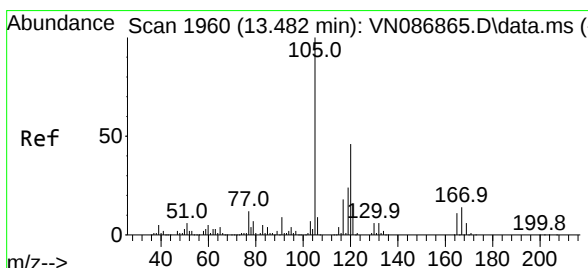
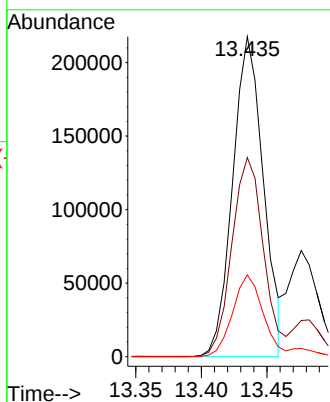
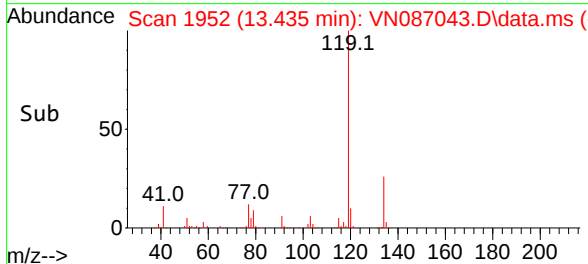
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



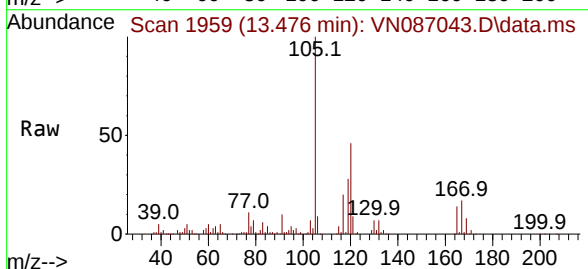
Tgt Ion:119 Resp: 354848
Ion Ratio Lower Upper
119 100
91 64.3 32.1 96.5
134 25.3 13.4 40.1

Manual Integrations
APPROVED

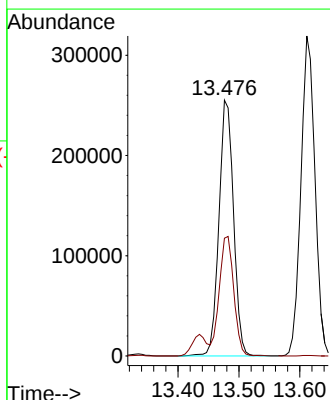
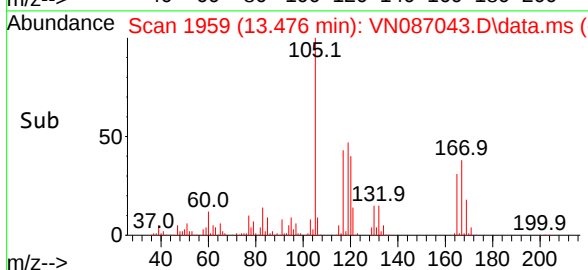
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

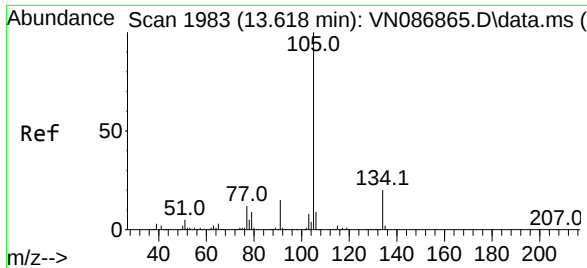


#84
1,2,4-Trimethylbenzene
Concen: 57.274 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



Tgt Ion:105 Resp: 424536
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6





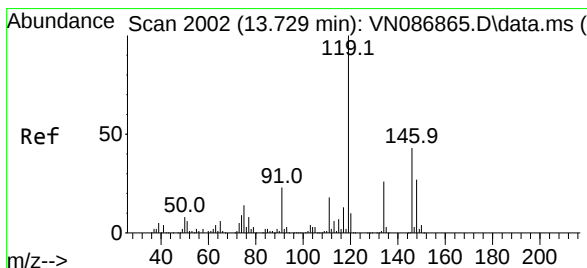
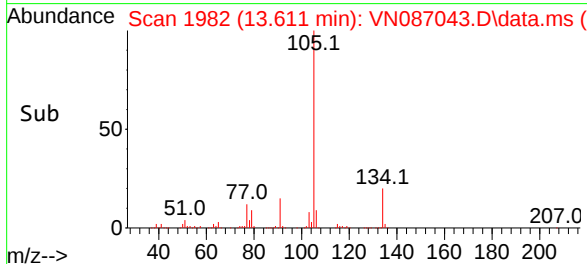
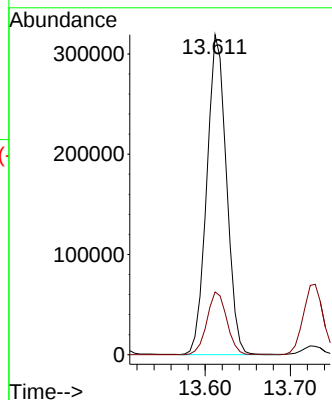
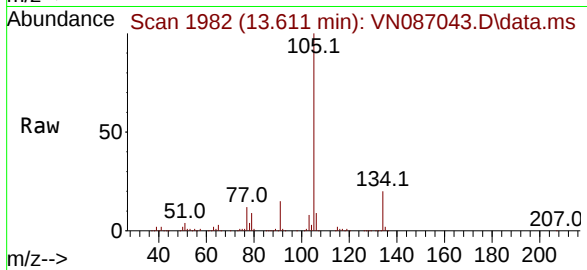
#85
 sec-Butylbenzene
 Concen: 52.051 ug/l
 RT: 13.611 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 51146
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.0 30.0

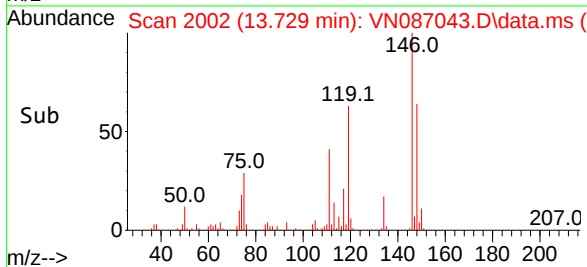
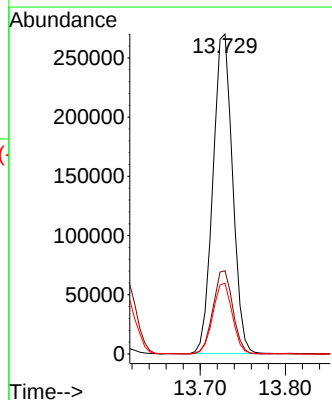
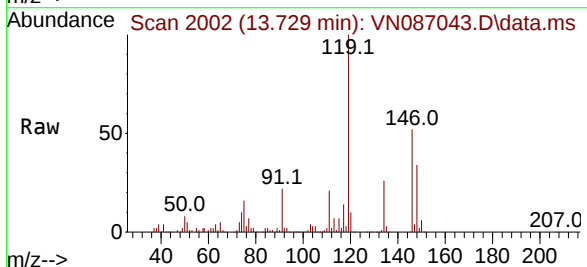
Manual Integrations
 APPROVED

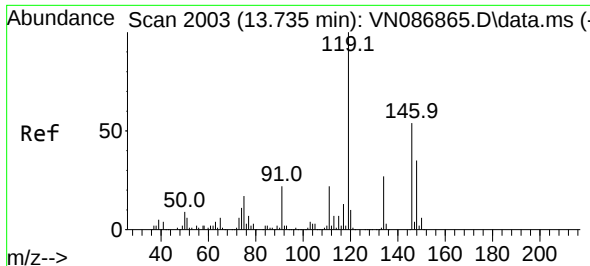
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#86
 p-Isopropyltoluene
 Concen: 53.315 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087043.D
 Acq: 16 Jun 2025 19:49

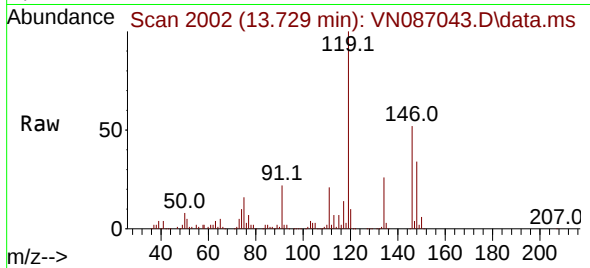
Tgt Ion:119 Resp: 433062
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 21.9 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 59.136 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

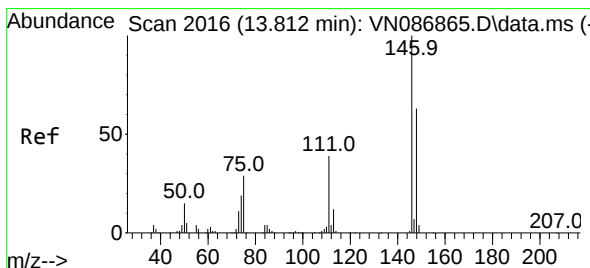
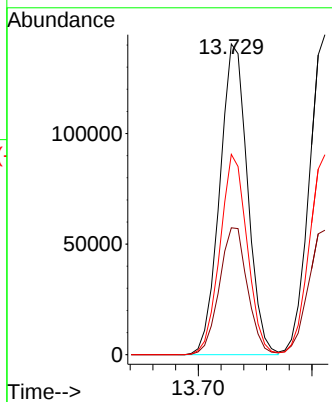
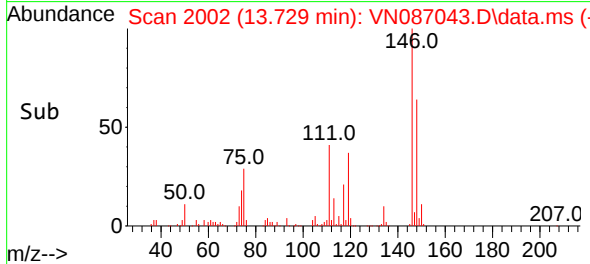
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



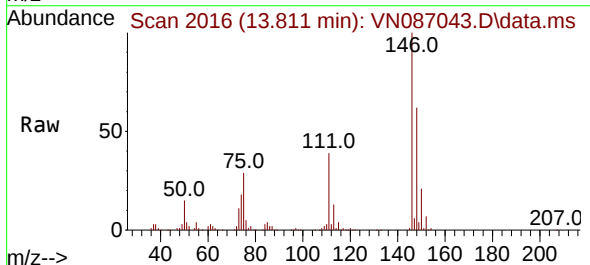
Tgt Ion:146 Resp: 23889
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.8
148 63.1 32.0 96.2

Manual Integrations
APPROVED

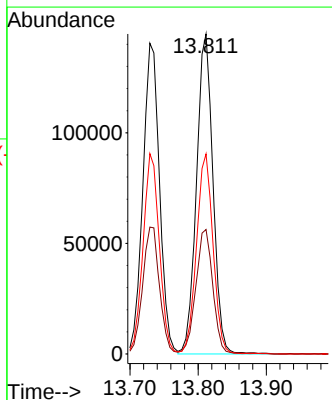
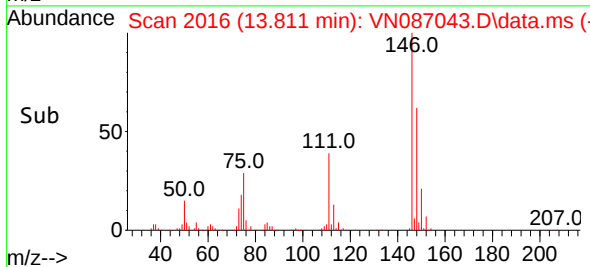
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

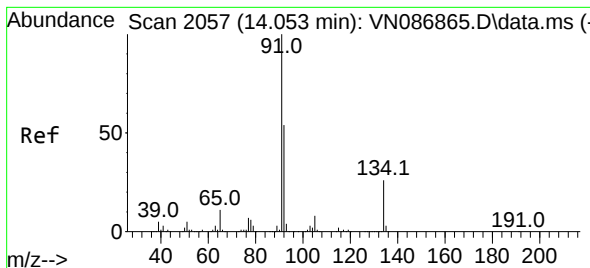


#88
1,4-Dichlorobenzene
Concen: 58.948 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49



Tgt Ion:146 Resp: 242786
Ion Ratio Lower Upper
146 100
111 39.5 19.9 59.7
148 62.4 31.8 95.4





#89

n-Butylbenzene

Concen: 48.839 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

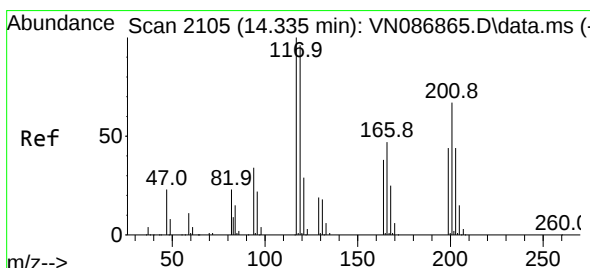
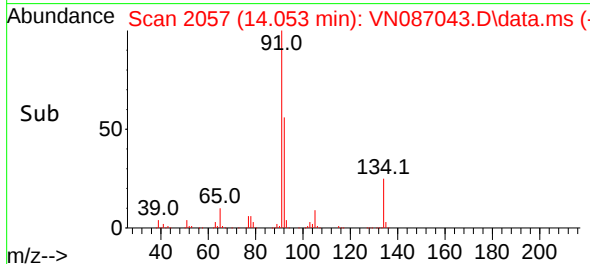
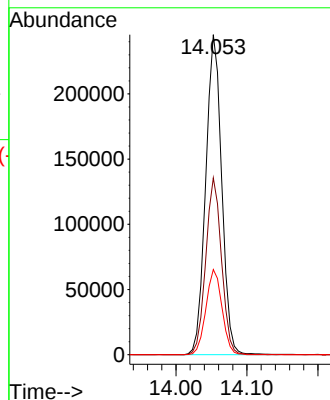
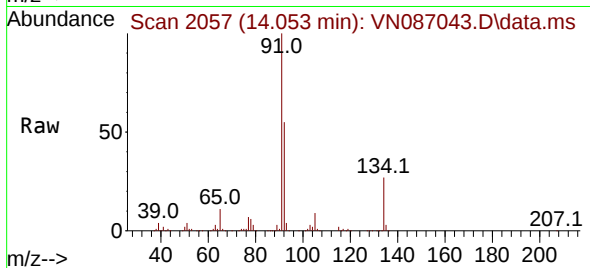
Tgt Ion:	91	Resp:	38425
Ion Ratio	Lower	Upper	
91	100		
92	54.4	27.5	82.4
134	26.7	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#90

Hexachloroethane

Concen: 54.751 ug/l

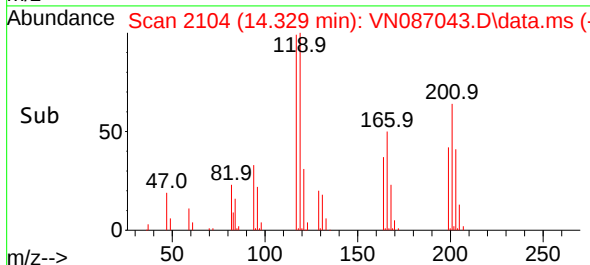
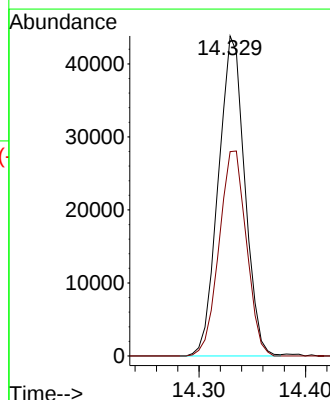
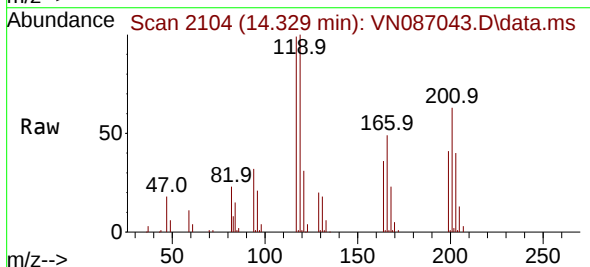
RT: 14.329 min Scan# 2104

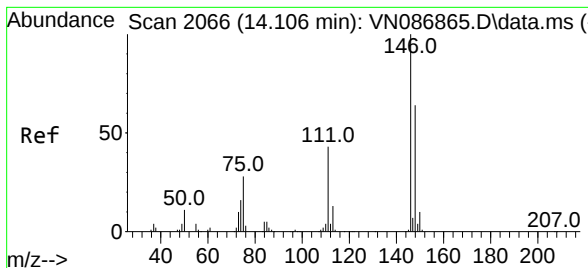
Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Tgt Ion:	117	Resp:	75383
Ion Ratio	Lower	Upper	
117	100		
201	66.2	33.2	99.6





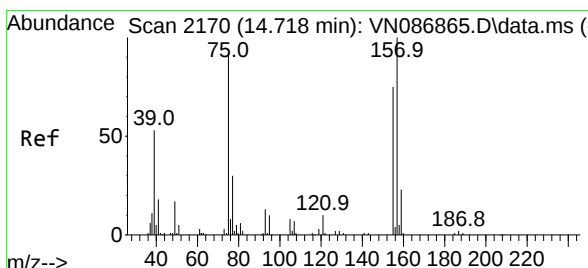
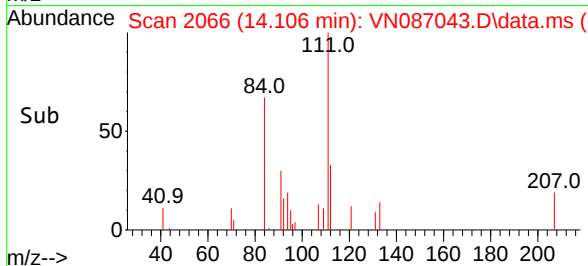
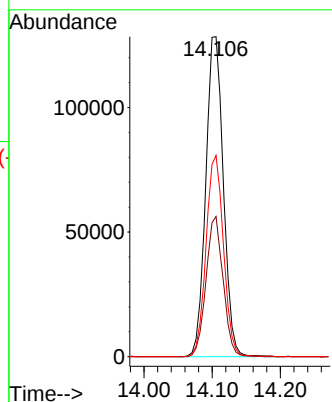
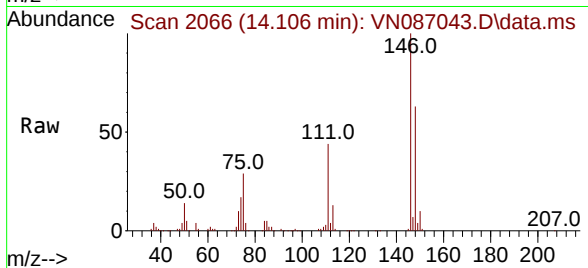
#91
1,2-Dichlorobenzene
Concen: 59.475 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 230834
Ion Ratio Lower Upper
146 100
111 42.5 21.6 64.6
148 62.2 31.7 95.1

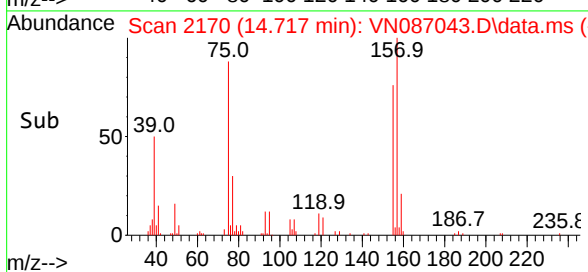
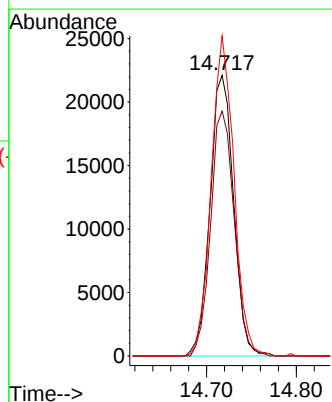
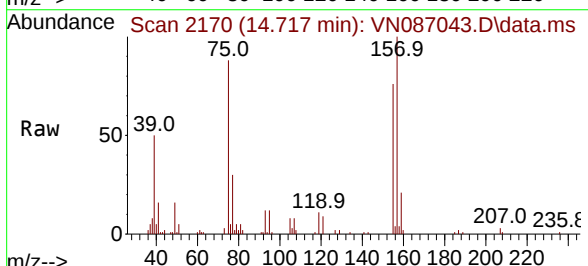
Manual Integrations
APPROVED

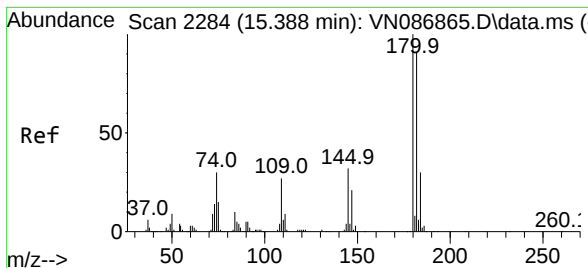
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.546 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087043.D
Acq: 16 Jun 2025 19:49

Tgt Ion: 75 Resp: 40292
Ion Ratio Lower Upper
75 100
155 87.3 41.1 123.4
157 110.0 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 52.039 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

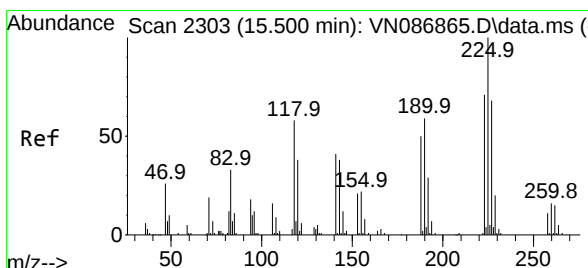
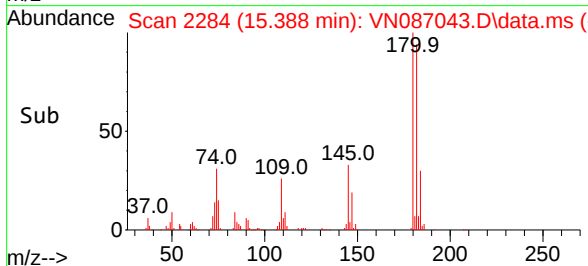
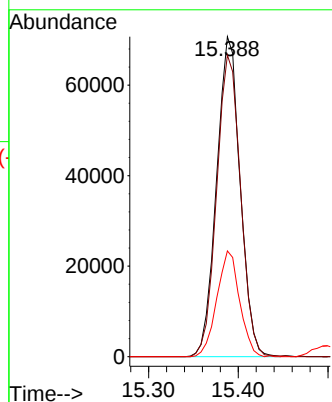
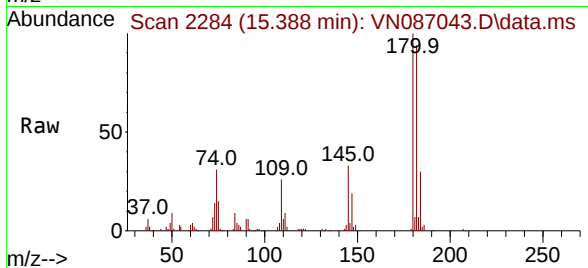
Tgt Ion:	180	Resp:	12897
Ion Ratio	Lower	Upper	
180	100		
182	95.5	46.9	140.7
145	31.9	16.0	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#94

Hexachlorobutadiene

Concen: 43.244 ug/l

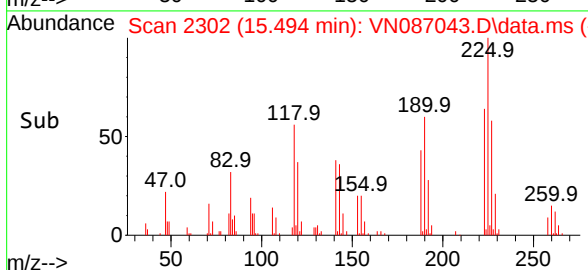
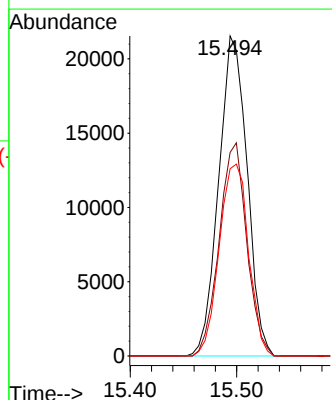
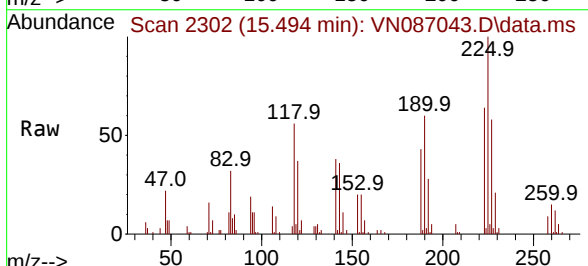
RT: 15.494 min Scan# 2302

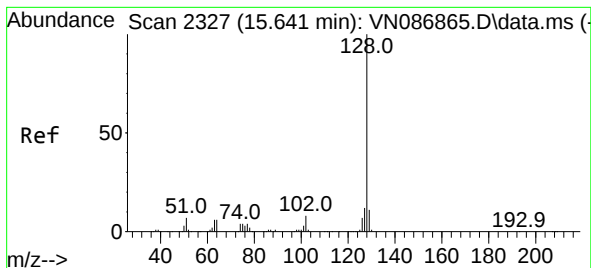
Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Tgt Ion:	225	Resp:	39930
Ion Ratio	Lower	Upper	
225	100		
223	64.6	33.5	100.4
227	61.7	31.1	93.5





#95

Naphthalene

Concen: 56.876 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

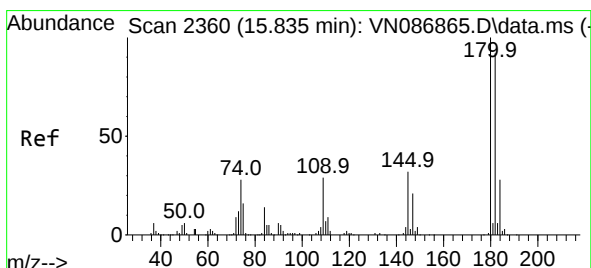
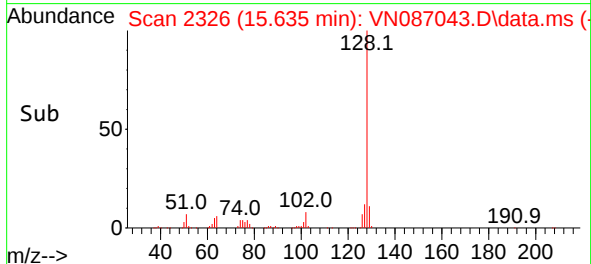
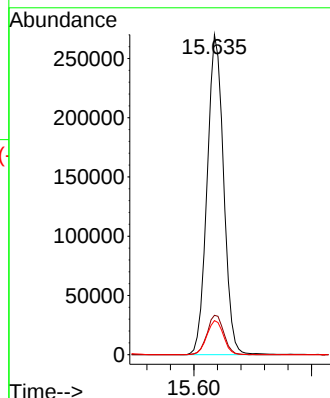
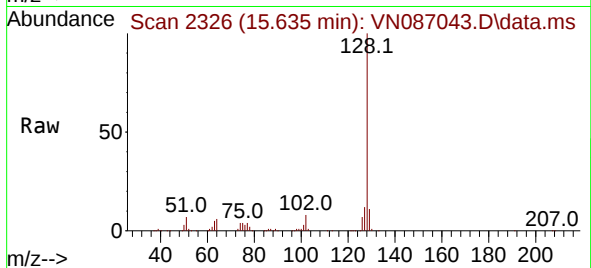
Tgt Ion:128 Resp: 524674
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.2 15.2
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.011 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087043.D

Acq: 16 Jun 2025 19:49

Tgt Ion:180 Resp: 123147
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.0 141.0
 145 33.9 16.6 49.8

