

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
 Data File : VN088100.D
 Acq On : 24 Oct 2025 17:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 25 01:08:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	321371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	582591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	510991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	266977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	293699	52.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.700%			
35) Dibromofluoromethane	8.153	113	202493	51.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	10.547	98	753167	49.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.880%			
62) 4-Bromofluorobenzene	12.829	95	287091	53.904	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	199399	55.006	ug/l	97
3) Chloromethane	2.383	50	218574	51.252	ug/l	99
4) Vinyl Chloride	2.536	62	246752	53.102	ug/l	99
5) Bromomethane	2.977	94	130075	46.800	ug/l	98
6) Chloroethane	3.136	64	159146	47.536	ug/l	97
7) Trichlorofluoromethane	3.512	101	363654	49.067	ug/l	96
8) Diethyl Ether	3.959	74	137326	49.855	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	198398	51.877	ug/l	99
10) Methyl Iodide	4.583	142	194454	51.428	ug/l	96
11) Tert butyl alcohol	5.518	59	241222	251.960	ug/l	99
12) 1,1-Dichloroethene	4.342	96	193330	47.862	ug/l	97
13) Acrolein	4.177	56	291343	270.542	ug/l	100
14) Allyl chloride	5.012	41	370835	52.378	ug/l	98
15) Acrylonitrile	5.706	53	683342	262.032	ug/l	99
16) Acetone	4.424	43	640785	229.520	ug/l	99
17) Carbon Disulfide	4.706	76	623090	50.745	ug/l	99
18) Methyl Acetate	5.018	43	303399	53.082	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	786886	53.046	ug/l	100
20) Methylene Chloride	5.271	84	234274	53.853	ug/l	98
21) trans-1,2-Dichloroethene	5.777	96	222868	50.267	ug/l	98
22) Diisopropyl ether	6.659	45	810416	54.429	ug/l	98
23) Vinyl Acetate	6.588	43	3733992	278.403	ug/l	98
24) 1,1-Dichloroethane	6.553	63	447869	54.301	ug/l	99
25) 2-Butanone	7.465	43	950264	258.277	ug/l	99
26) 2,2-Dichloropropane	7.477	77	390810	52.141	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	264669	51.853	ug/l	94
28) Bromochloromethane	7.800	49	187001	47.984	ug/l	98
29) Tetrahydrofuran	7.824	42	615736	256.795	ug/l	99
30) Chloroform	7.947	83	444475	53.943	ug/l	96
31) Cyclohexane	8.241	56	403415	51.860	ug/l	96
32) 1,1,1-Trichloroethane	8.153	97	390633	53.229	ug/l	98
36) 1,1-Dichloropropene	8.353	75	322191	56.379	ug/l	99
37) Ethyl Acetate	7.547	43	394765	53.529	ug/l	98
38) Carbon Tetrachloride	8.341	117	334174	56.617	ug/l	96
39) Methylcyclohexane	9.577	83	394682	53.731	ug/l	98
40) Benzene	8.588	78	944035	54.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	205334	52.902	ug/l	98
42) 1,2-Dichloroethane	8.653	62	359956	58.209	ug/l	99
43) Isopropyl Acetate	8.671	43	628892	55.496	ug/l	98
44) Trichloroethene	9.329	130	216244	53.158	ug/l	97
45) 1,2-Dichloropropane	9.600	63	243092	55.326	ug/l	100
46) Dibromomethane	9.688	93	177404	56.612	ug/l	98
47) Bromodichloromethane	9.865	83	354265	56.466	ug/l	95
48) Methyl methacrylate	9.665	41	297485	56.860	ug/l	99
49) 1,4-Dioxane	9.682	88	69698	1071.116	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1904832	284.136	ug/l	100
52) Toluene	10.606	92	581829	54.223	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	377359	56.512	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	398736	56.273	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	217317	53.382	ug/l	96
56) Ethyl methacrylate	10.853	69	378847	58.806	ug/l	98
57) 1,3-Dichloropropane	11.141	76	396541	55.418	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	963769	287.606	ug/l	99
59) 2-Hexanone	11.176	43	1304383	293.302	ug/l	98
60) Dibromochloromethane	11.335	129	253351	54.754	ug/l	100
61) 1,2-Dibromoethane	11.447	107	221784	52.936	ug/l	98
64) Tetrachloroethene	11.082	164	180625	53.589	ug/l	95
65) Chlorobenzene	11.871	112	622761	53.672	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.935	131	211654	55.678	ug/l	100
67) Ethyl Benzene	11.941	91	1133255	55.642	ug/l	99
68) m/p-Xylenes	12.047	106	859420	112.620	ug/l	99
69) o-Xylene	12.376	106	406719	56.223	ug/l	100
70) Styrene	12.388	104	692060	58.667	ug/l	98
71) Bromoform	12.559	173	162279	57.204	ug/l #	97
73) Isopropylbenzene	12.670	105	1090191	52.944	ug/l	99
74) N-amyl acetate	12.500	43	304256m	52.051	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	331666	51.736	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	316618m	51.871	ug/l	
77) Bromobenzene	12.959	156	237937	53.586	ug/l	97
78) n-propylbenzene	13.012	91	1338102	53.250	ug/l	99
79) 2-Chlorotoluene	13.100	91	787534	54.956	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	926126	54.156	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	106037	48.460	ug/l	90
82) 4-Chlorotoluene	13.200	91	813984	52.502	ug/l	100
83) tert-Butylbenzene	13.412	119	802780	52.550	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	936651	54.743	ug/l	99
85) sec-Butylbenzene	13.594	105	1181031	52.621	ug/l	100
86) p-Isopropyltoluene	13.706	119	987085	54.823	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	469111	52.923	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	480199	50.439	ug/l	99
89) n-Butylbenzene	14.029	91	958979	53.770	ug/l	99
90) Hexachloroethane	14.306	117	180798	51.854	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	445425	52.130	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	77550	51.973	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	273595	52.871	ug/l	97
94) Hexachlorobutadiene	15.470	225	102462	53.171	ug/l	98
95) Naphthalene	15.611	128	908737	51.262	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	255435	51.481	ug/l	98

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

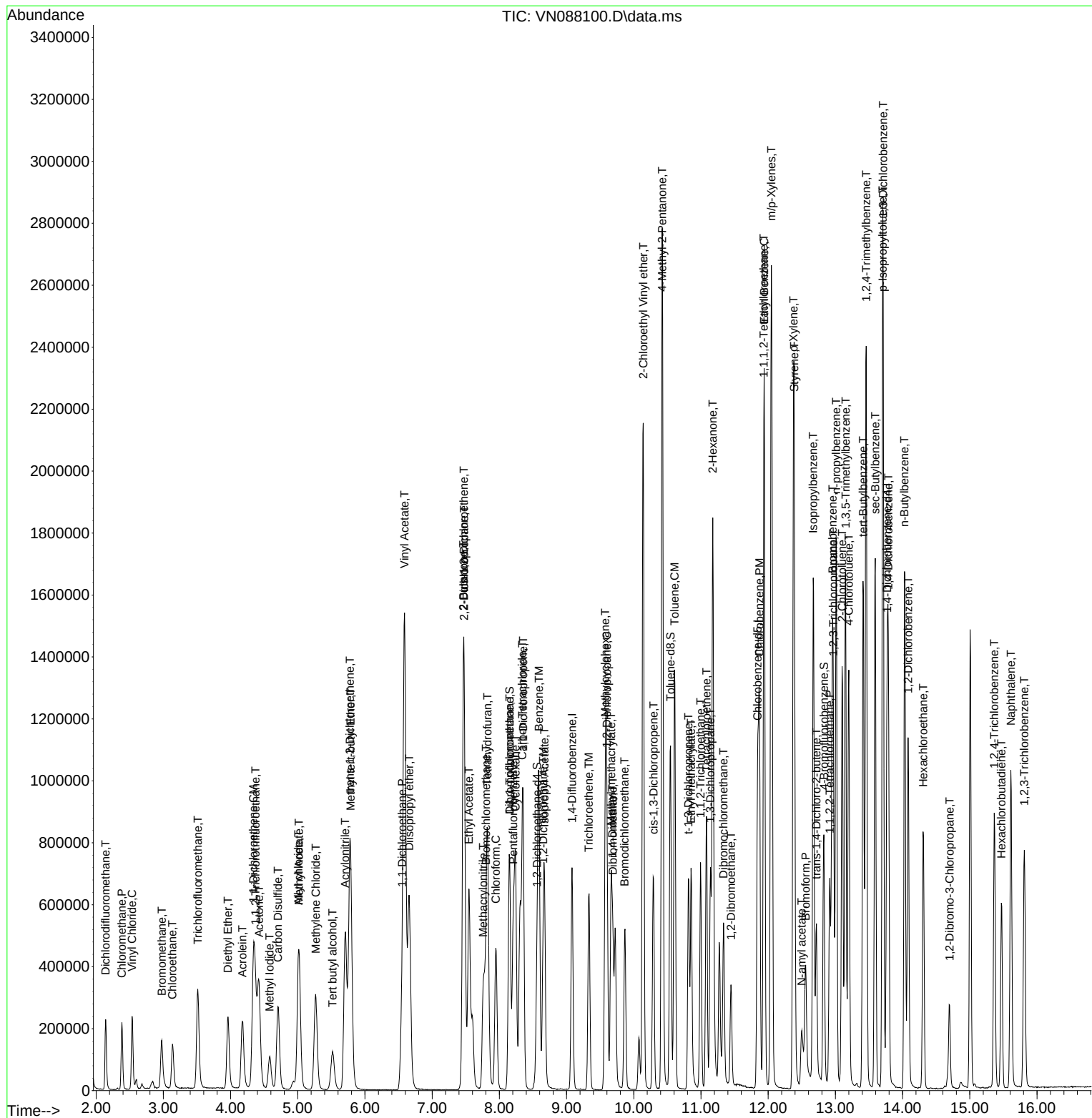
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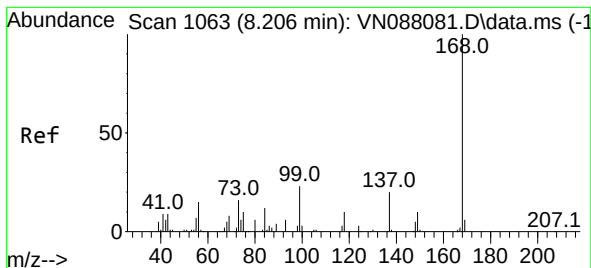
Instrument :
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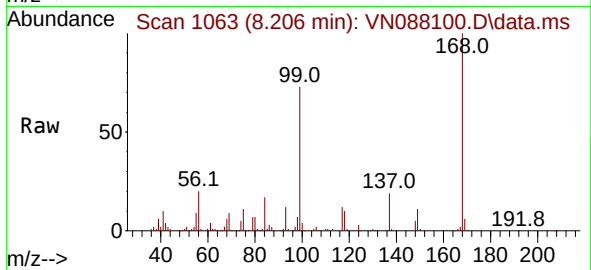
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088100.D
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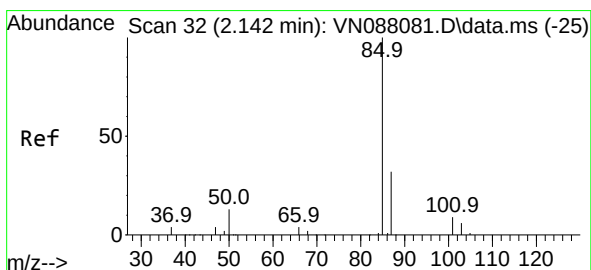
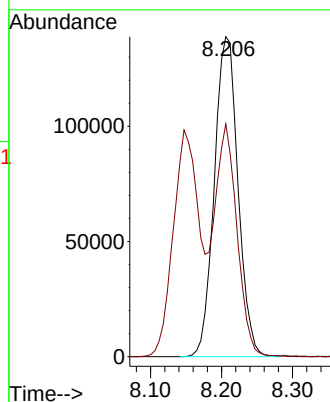
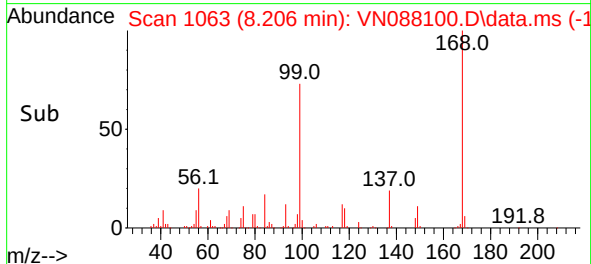
Instrument :
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Tgt Ion:168 Resp: 32137
Ion Ratio Lower Upper
168 100
99 72.5 57.2 85.8

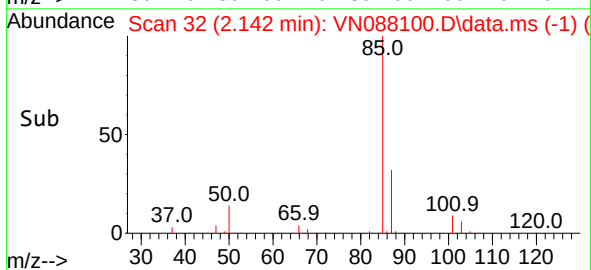
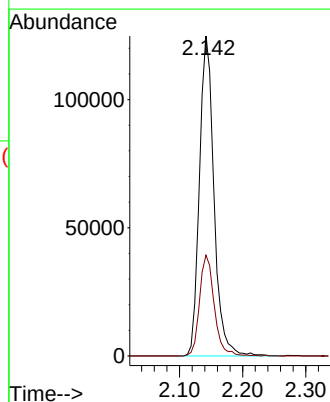
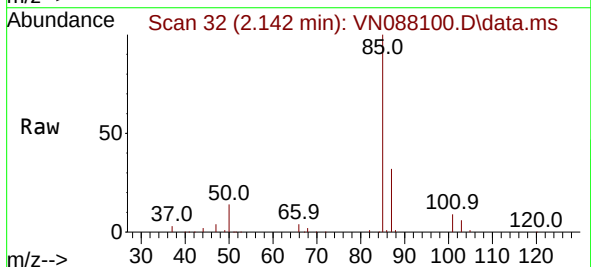
Manual Integrations
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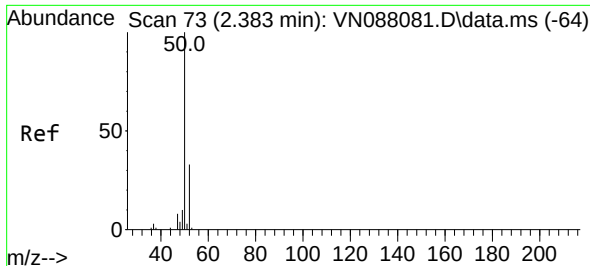
Reviewed By :John Carlone 10/27/2025
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#2
Dichlorodifluoromethane
Concen: 55.006 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

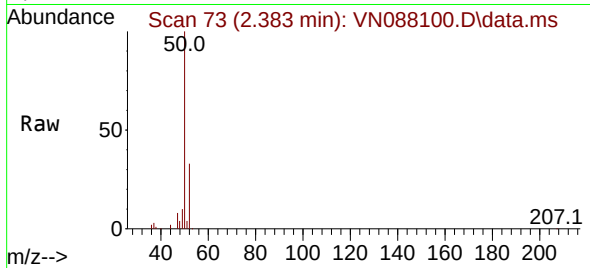
Tgt Ion: 85 Resp: 199399
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.8





#3
Chloromethane
Concen: 51.252 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

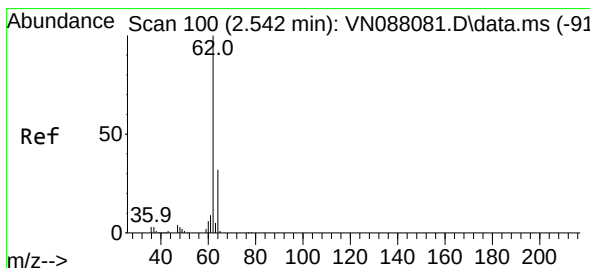
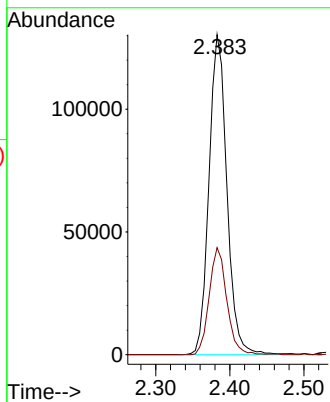
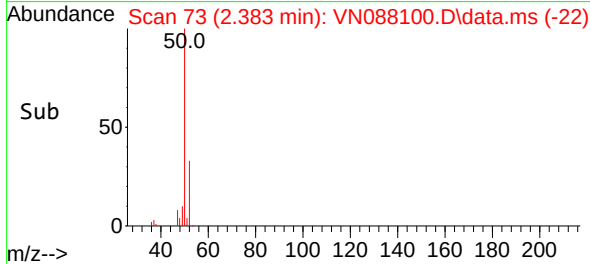
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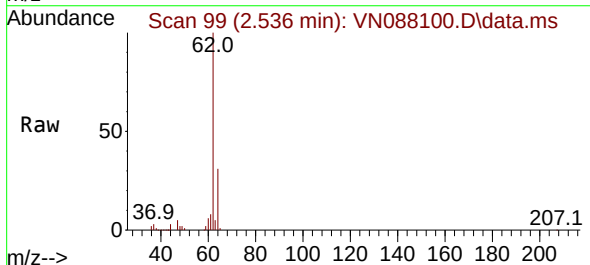
Tgt Ion: 50 Resp: 218574
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.4

Manual Integrations
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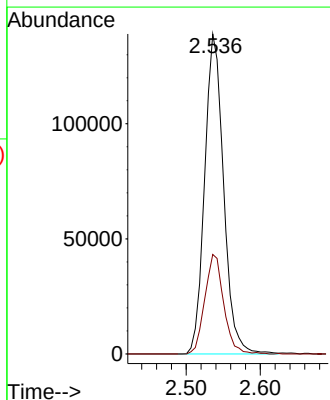
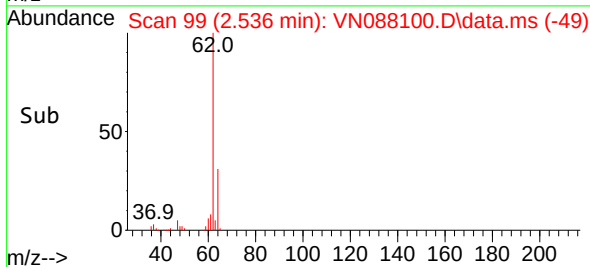
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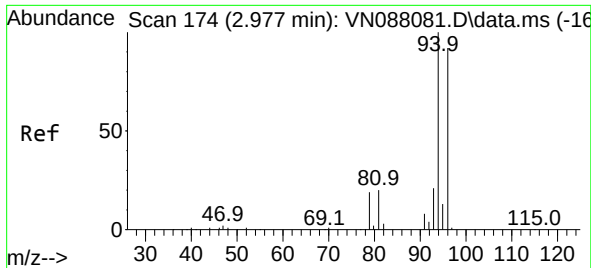


#4
Vinyl Chloride
Concen: 53.102 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



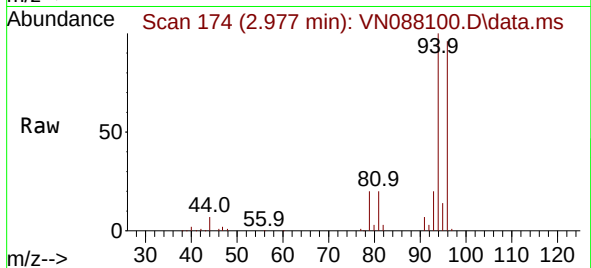
Tgt Ion: 62 Resp: 246752
Ion Ratio Lower Upper
62 100
64 31.1 24.6 37.0





#5
Bromomethane
Concen: 46.800 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

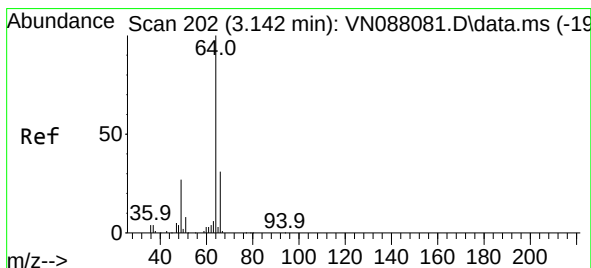
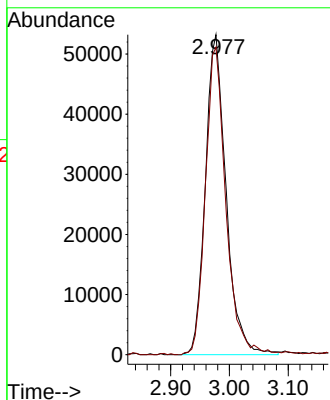
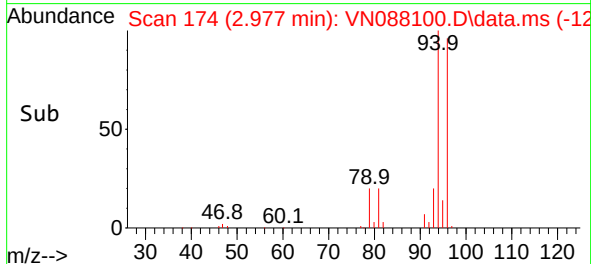
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Tgt Ion: 94 Resp: 130075
Ion Ratio Lower Upper
94 100
96 96.1 75.4 113.2

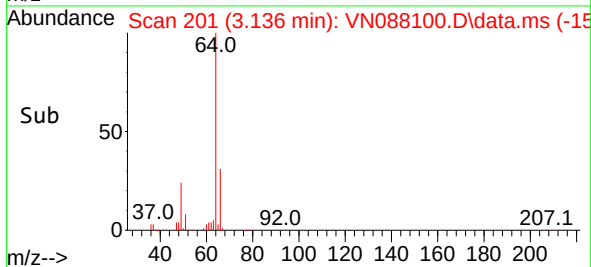
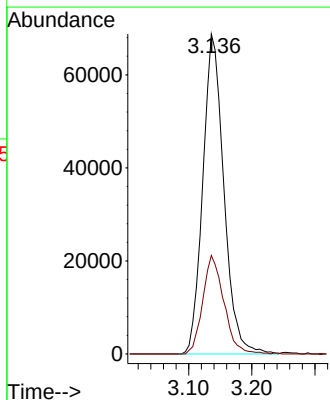
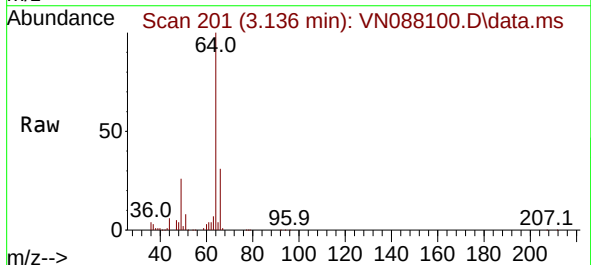
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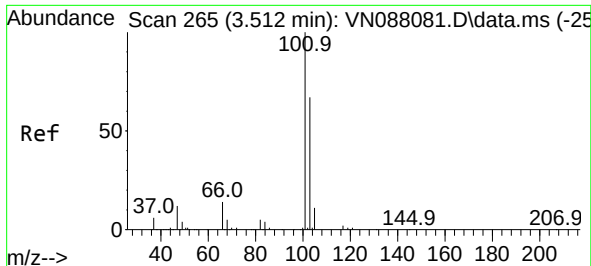
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#6
Chloroethane
Concen: 47.536 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088100.D
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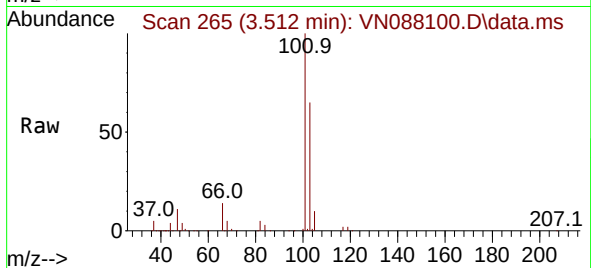
Tgt Ion: 64 Resp: 159146
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 49.067 ug/l
 RT: 3.512 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VN088100.D
 Acq: 24 Oct 2025 17:22

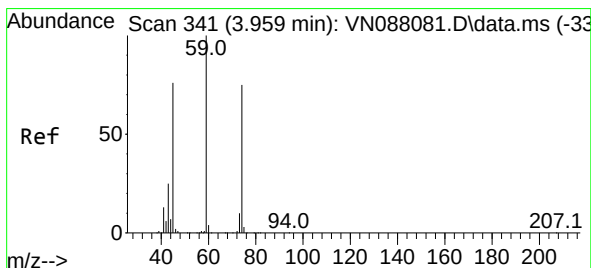
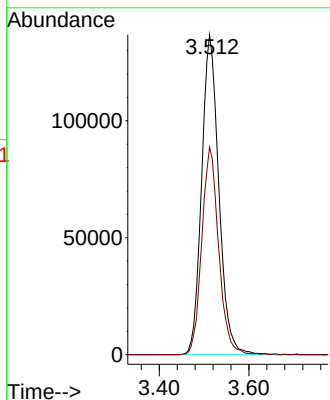
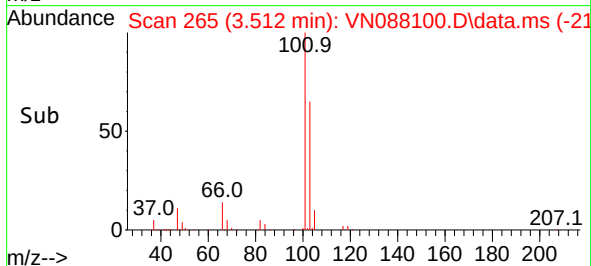
Instrument :
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Tgt Ion:101 Resp: 363654
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.4 74.0

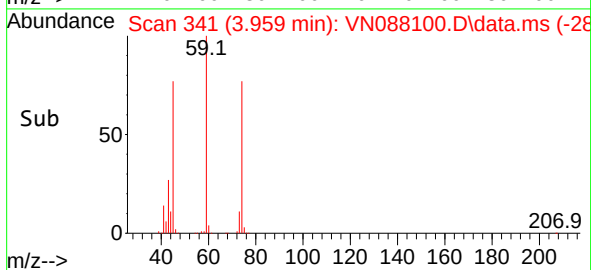
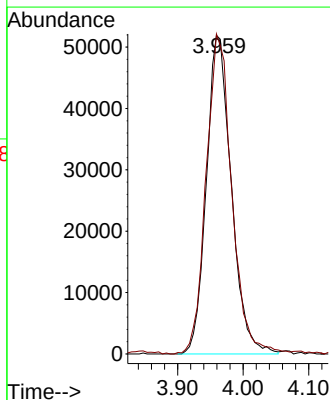
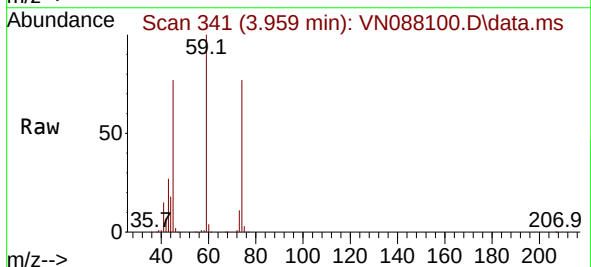
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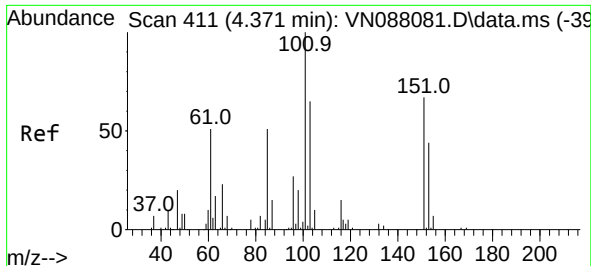
Reviewed By :John Carlone 10/27/2025
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#8
 Diethyl Ether
 Concen: 49.855 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088100.D
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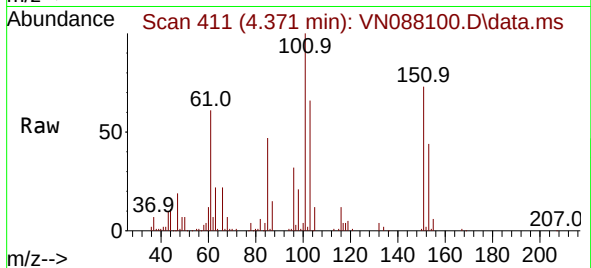
Tgt Ion: 74 Resp: 137326
 Ion Ratio Lower Upper
 74 100
 45 103.0 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.877 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

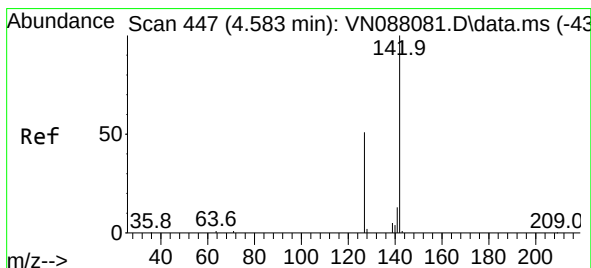
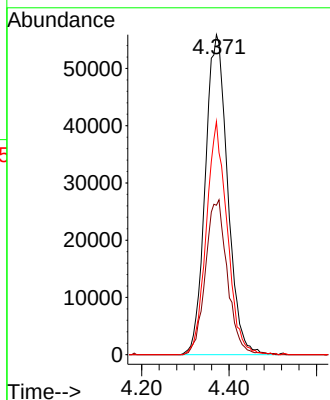
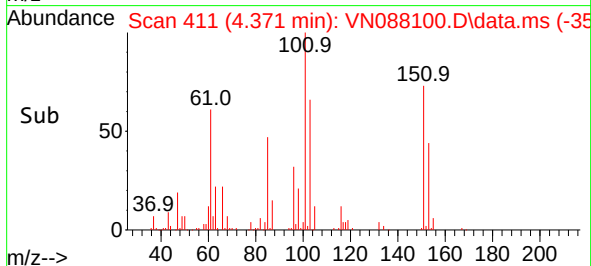
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 198398
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 68.2 54.7 82.1

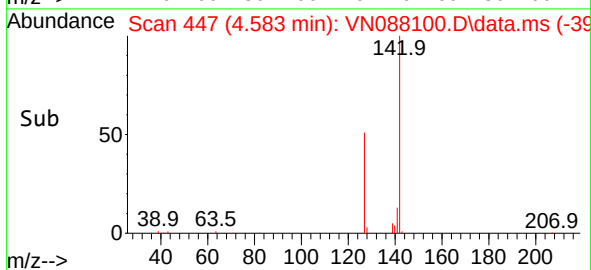
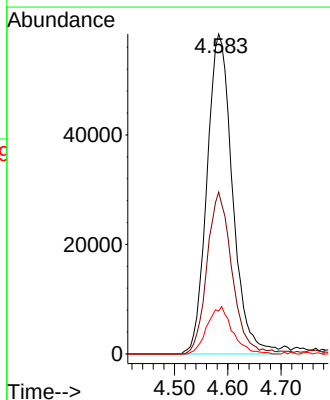
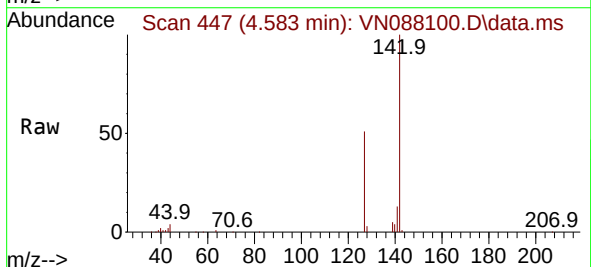
Manual Integrations
APPROVED

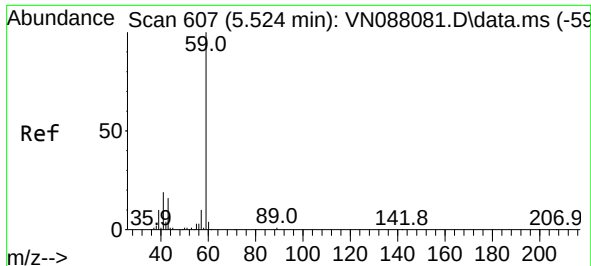
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#10
Methyl Iodide
Concen: 51.428 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

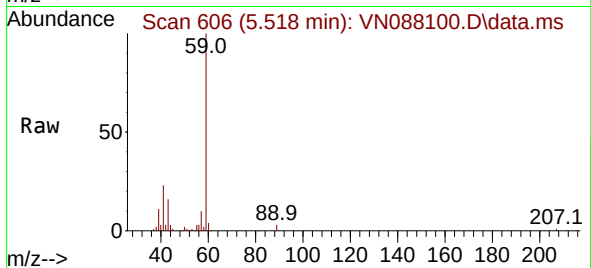
Tgt Ion:142 Resp: 194454
Ion Ratio Lower Upper
142 100
127 50.6 38.0 57.0
141 13.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 251.960 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

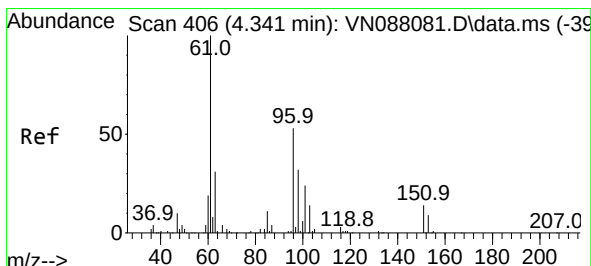
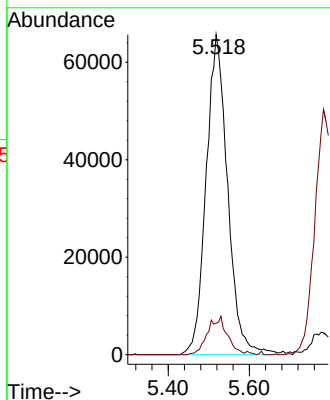
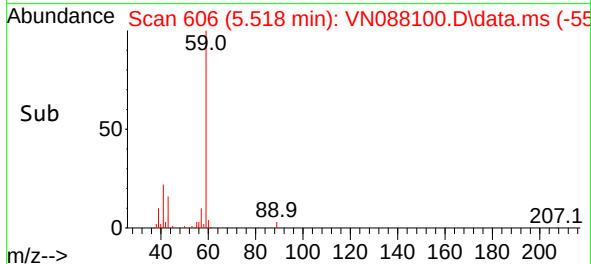
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 241222
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4

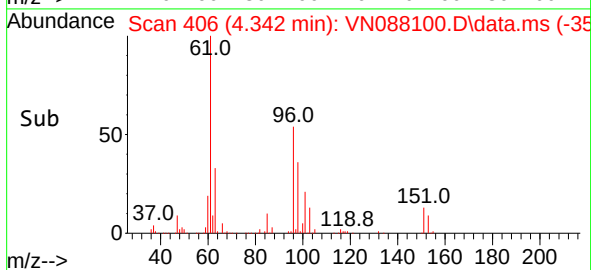
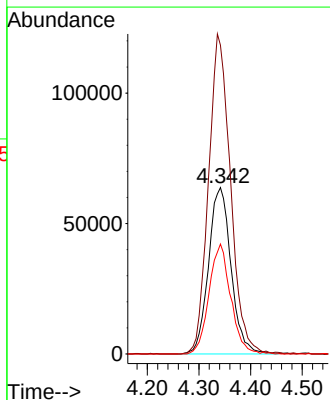
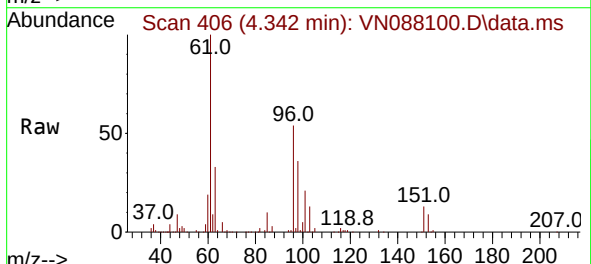
Manual Integrations
APPROVED

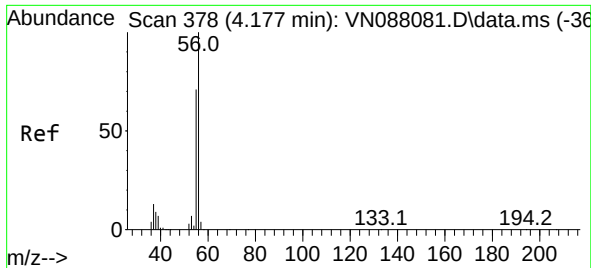
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#12
1,1-Dichloroethene
Concen: 47.862 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

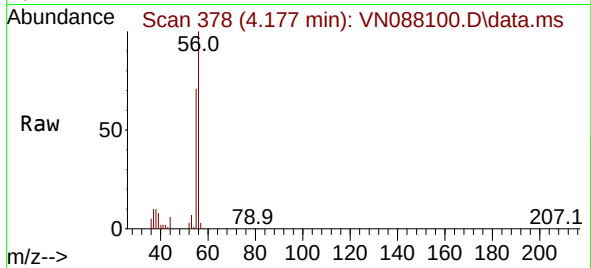
Tgt Ion: 96 Resp: 193330
Ion Ratio Lower Upper
96 100
61 185.5 143.8 215.8
98 66.1 52.1 78.1





#13
Acrolein
Concen: 270.542 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

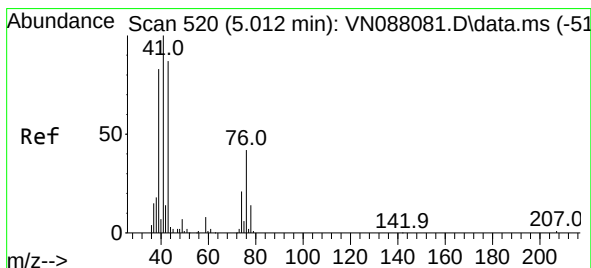
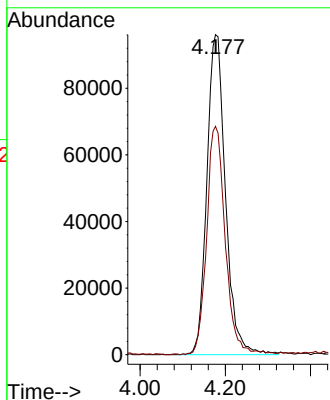
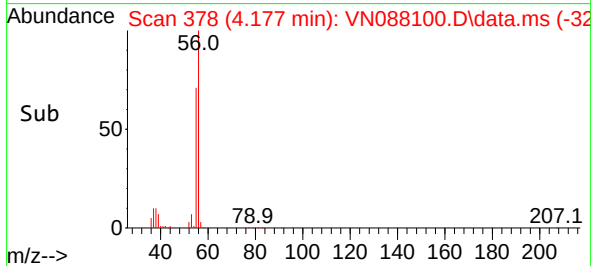
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 29134
Ion Ratio Lower Upper
56 100
55 71.4 57.3 85.9

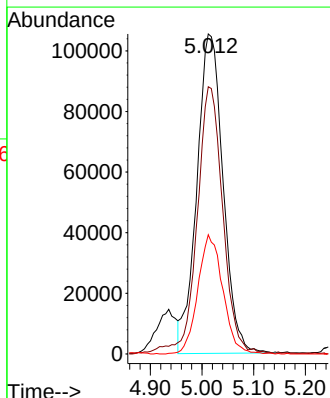
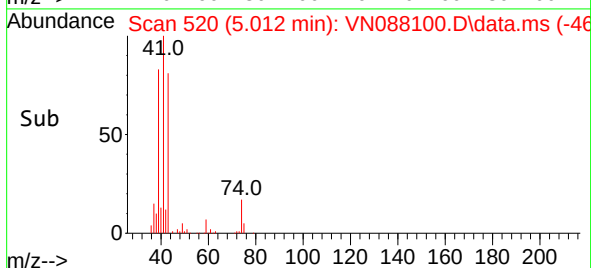
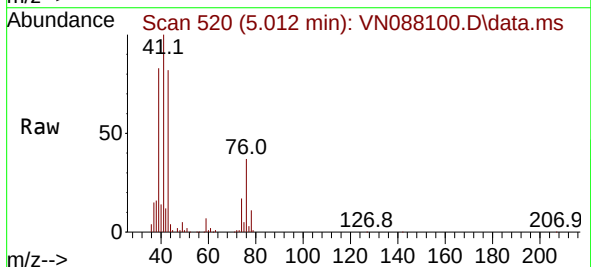
Manual Integrations
APPROVED

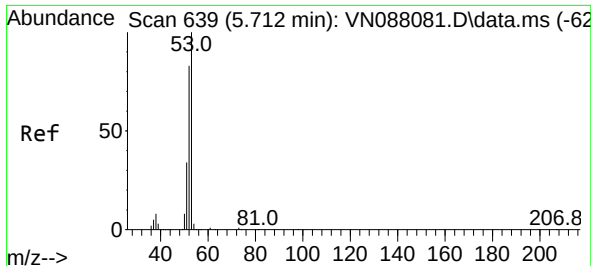
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#14
Allyl chloride
Concen: 52.378 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

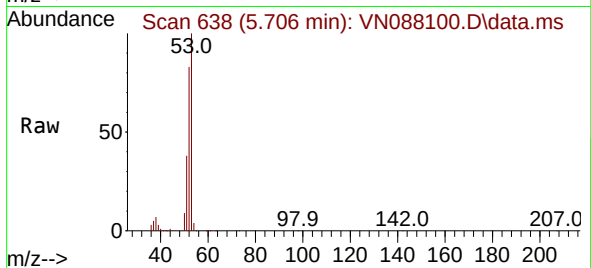
Tgt Ion: 41 Resp: 370835
Ion Ratio Lower Upper
41 100
39 82.5 63.9 95.9
76 35.5 28.1 42.1





#15
Acrylonitrile
Concen: 262.032 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

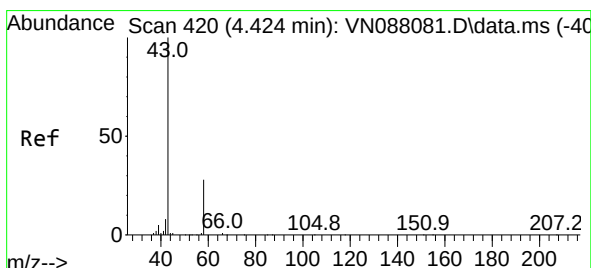
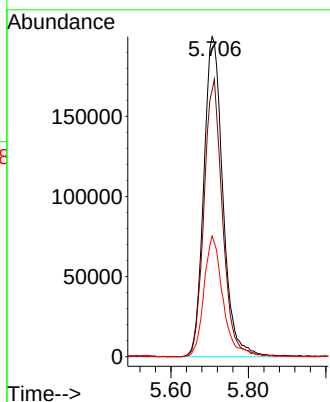
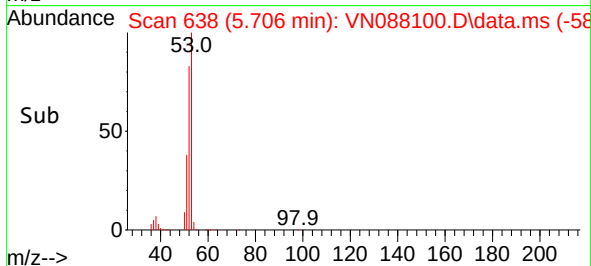
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 68334
Ion Ratio Lower Upper
53 100
52 83.7 67.6 101.4
51 37.6 30.1 45.1

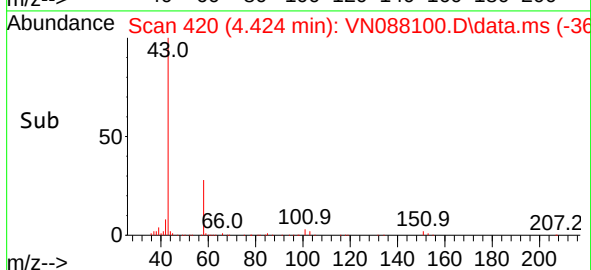
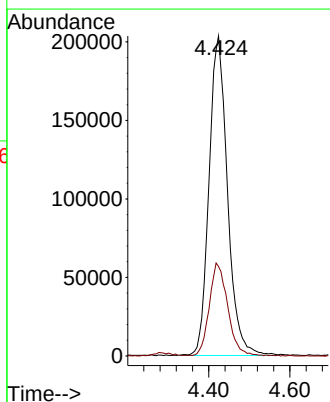
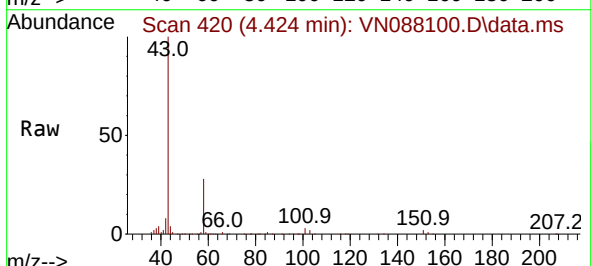
Manual Integrations
APPROVED

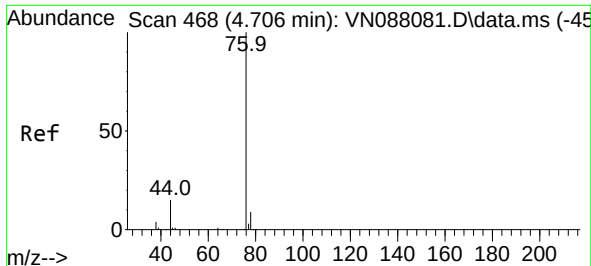
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#16
Acetone
Concen: 229.520 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

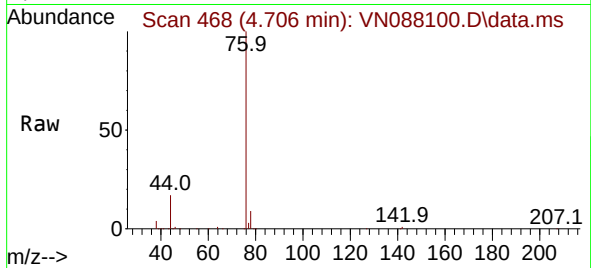
Tgt Ion: 43 Resp: 640785
Ion Ratio Lower Upper
43 100
58 27.8 22.6 33.8





#17
Carbon Disulfide
Concen: 50.745 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

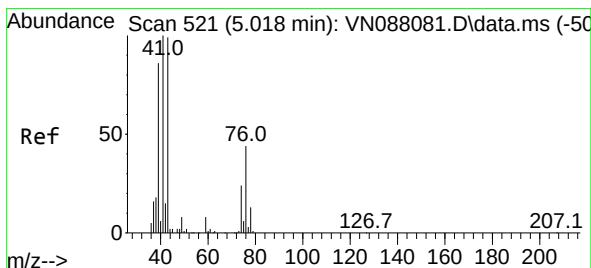
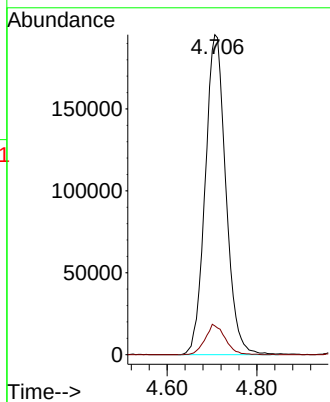
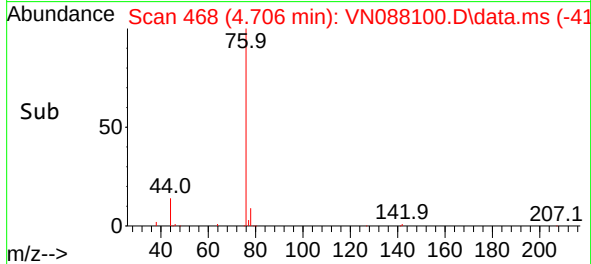
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



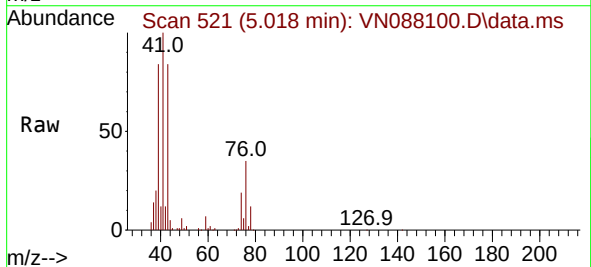
Tgt Ion: 76 Resp: 623090
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

Manual Integrations
APPROVED

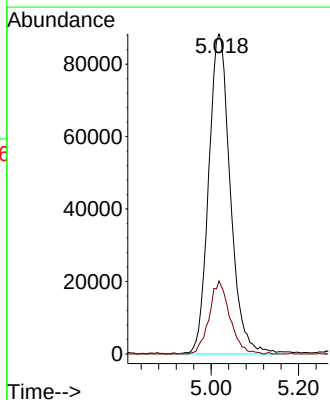
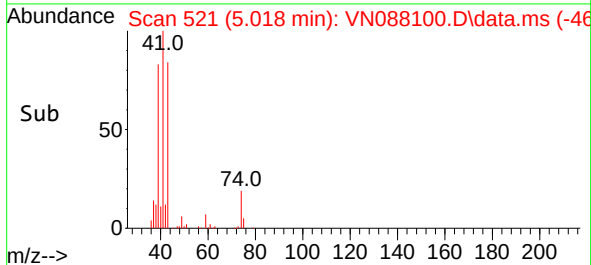
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

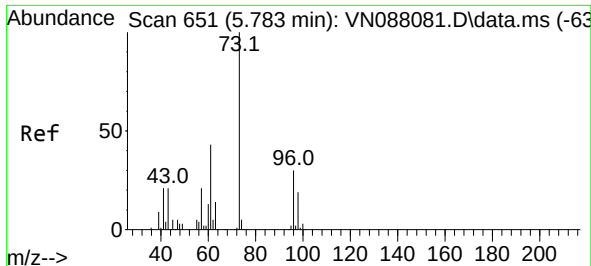


#18
Methyl Acetate
Concen: 53.082 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



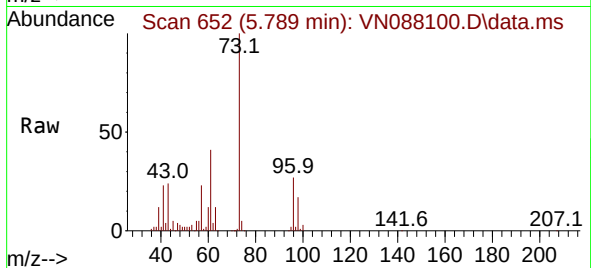
Tgt Ion: 43 Resp: 303399
Ion Ratio Lower Upper
43 100
74 21.8 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 53.046 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

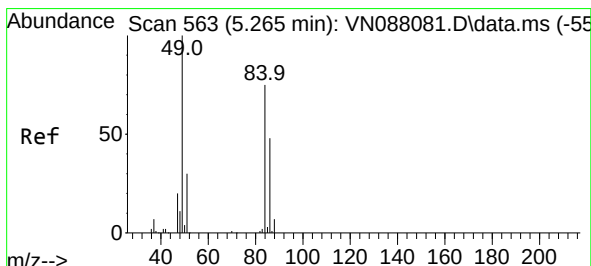
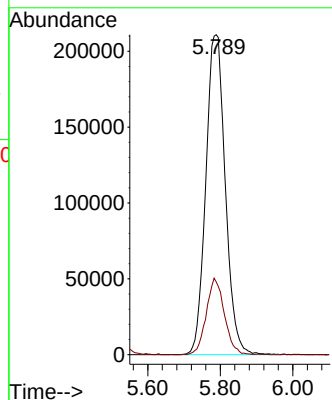
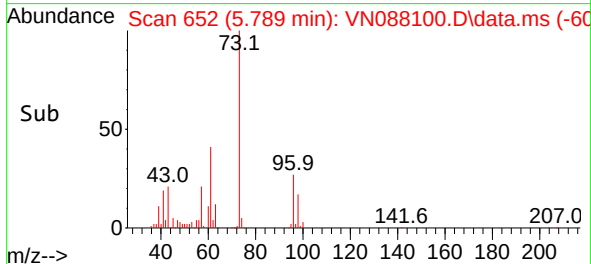
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 786880
Ion Ratio Lower Upper
73 100
57 22.8 18.4 27.6

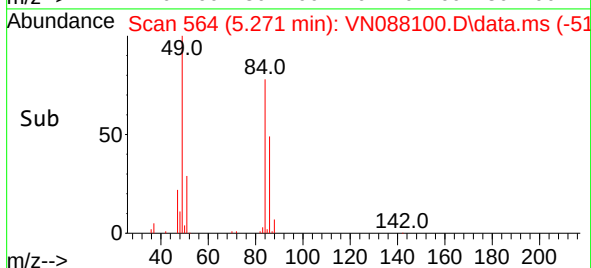
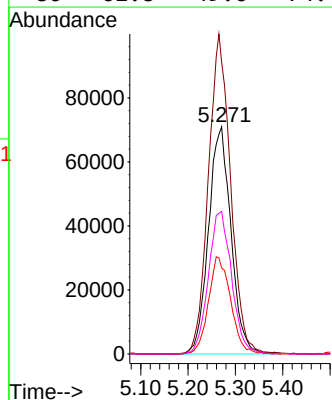
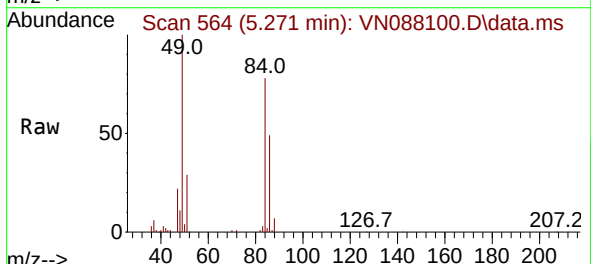
Manual Integrations
APPROVED

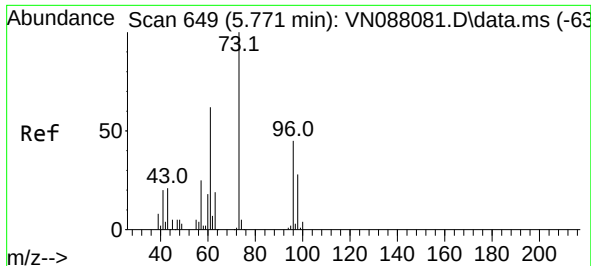
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#20
Methylene Chloride
Concen: 53.853 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

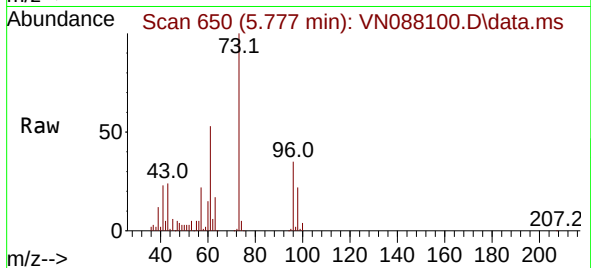
Tgt Ion: 84 Resp: 234274
Ion Ratio Lower Upper
84 100
49 128.2 103.4 155.2
51 37.9 33.8 50.8
86 62.8 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 50.267 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

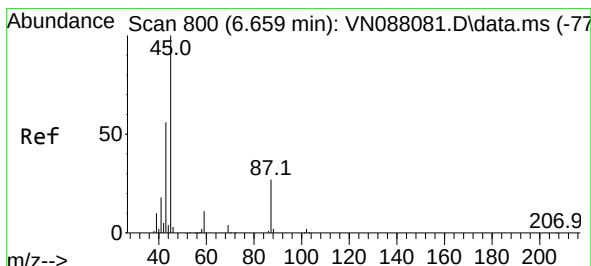
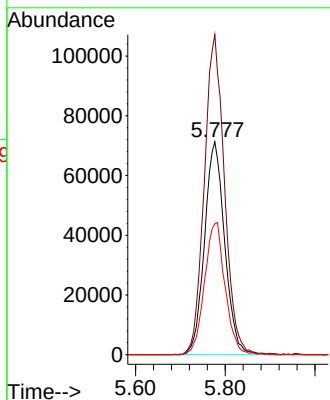
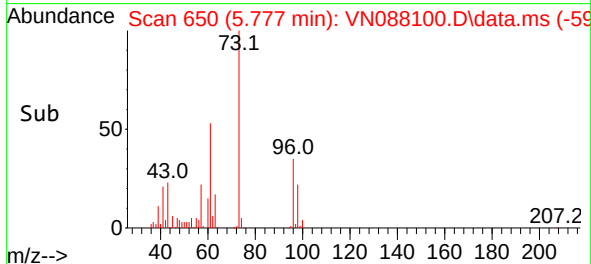
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 22286
Ion Ratio Lower Upper
96 100
61 150.2 118.0 177.0
98 61.5 50.0 75.0

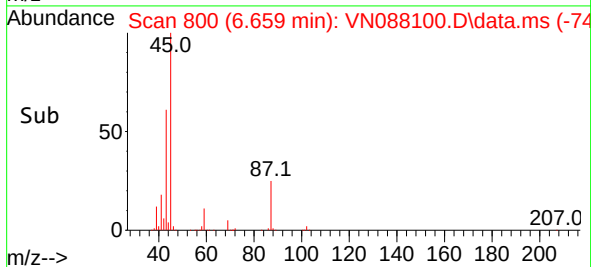
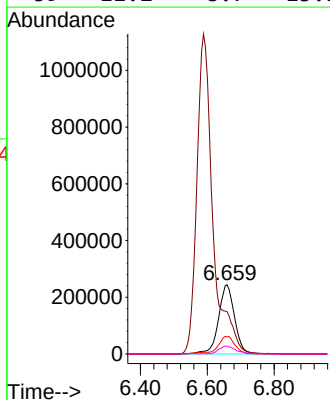
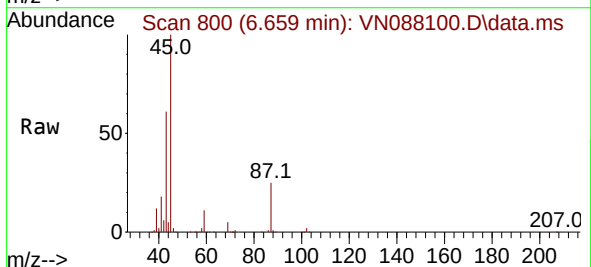
Manual Integrations
APPROVED

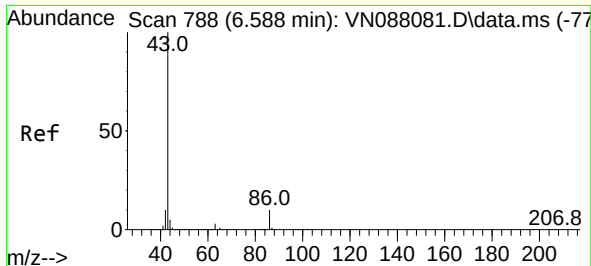
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#22
Diisopropyl ether
Concen: 54.429 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

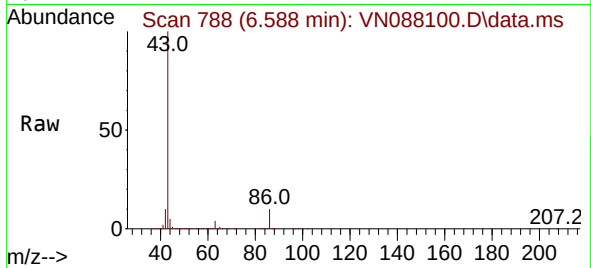
Tgt Ion: 45 Resp: 810416
Ion Ratio Lower Upper
45 100
43 61.1 47.7 71.5
87 24.6 21.4 32.0
59 11.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 278.403 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088100.D
 Acq: 24 Oct 2025 17:22

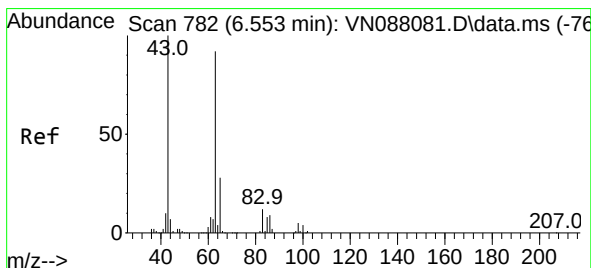
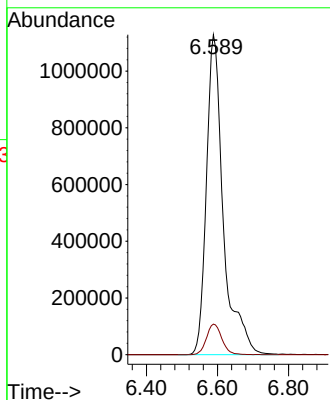
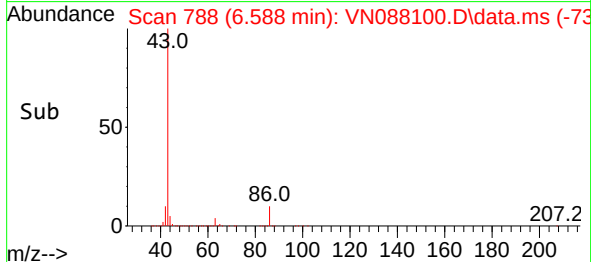
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 3733992
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4

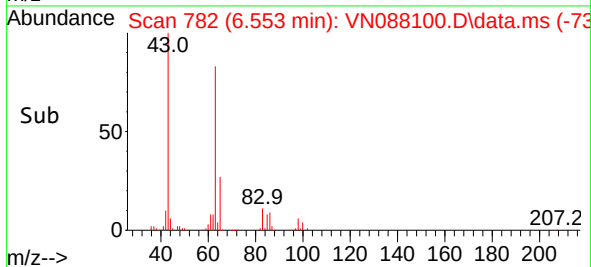
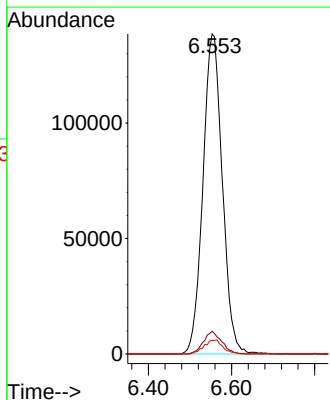
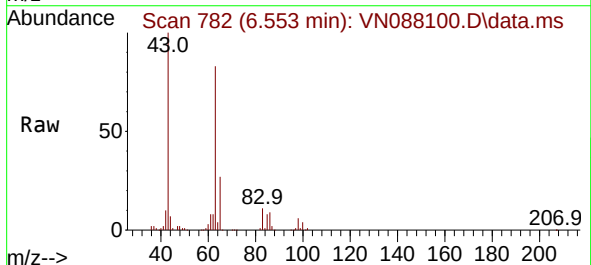
Manual Integrations
 APPROVED

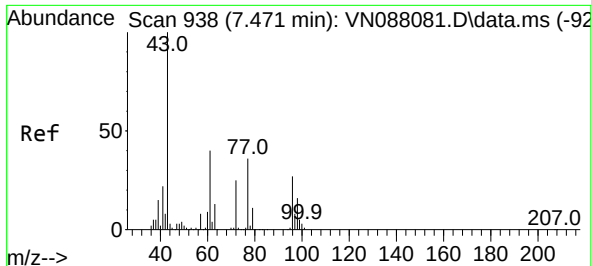
Reviewed By :John Carlone 10/27/2025
 Supervised By :Semsettin Yesilyurt 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 54.301 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088100.D
 Acq: 24 Oct 2025 17:22

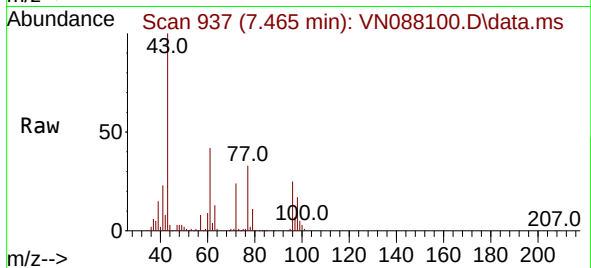
Tgt Ion: 63 Resp: 447869
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.8 11.4
 100 4.3 2.0 6.0





#25
2-Butanone
Concen: 258.277 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

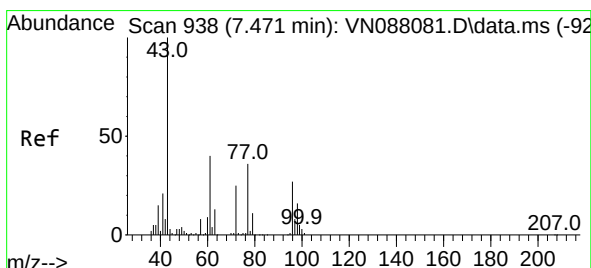
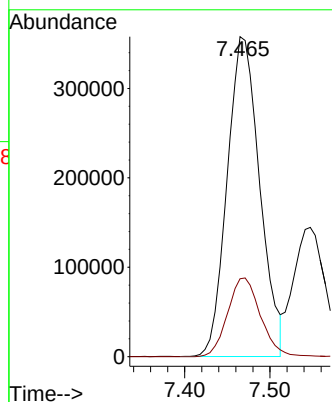
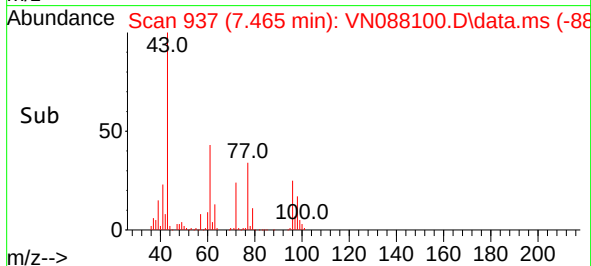
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 950264
Ion Ratio Lower Upper
43 100
72 24.4 19.9 29.9

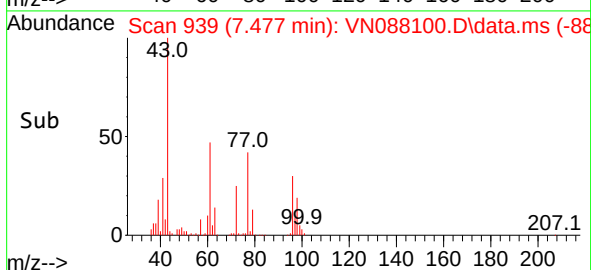
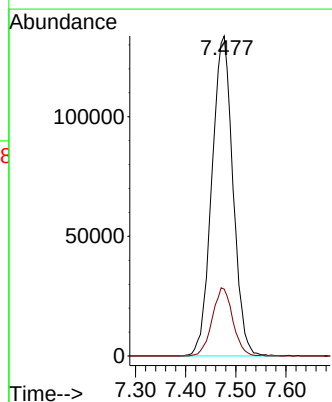
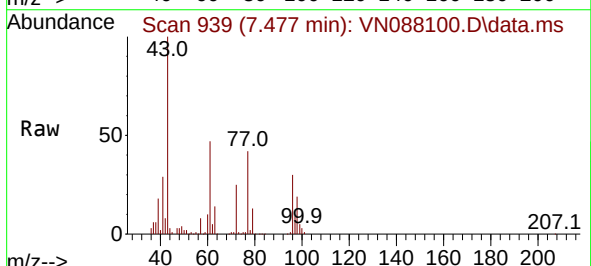
Manual Integrations
APPROVED

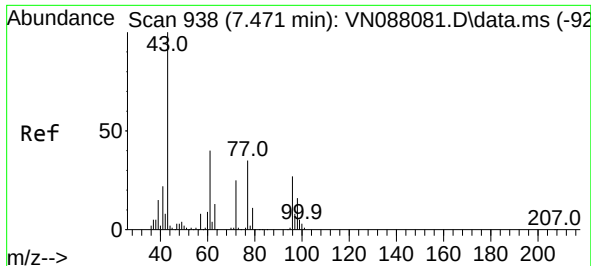
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#26
2,2-Dichloropropane
Concen: 52.141 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

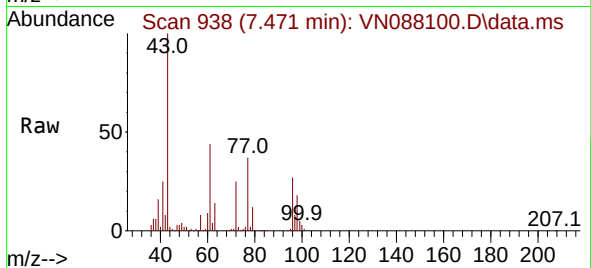
Tgt Ion: 77 Resp: 390810
Ion Ratio Lower Upper
77 100
97 20.7 10.9 32.7





#27
cis-1,2-Dichloroethene
Concen: 51.853 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

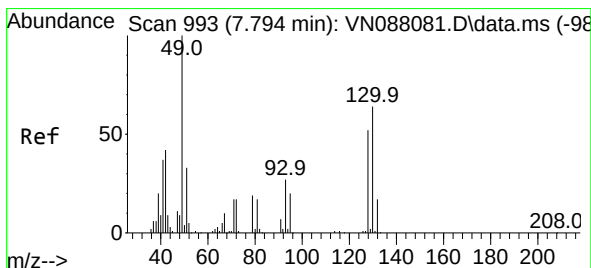
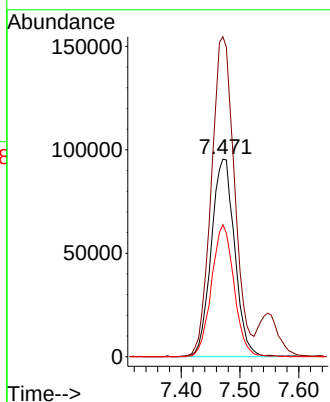
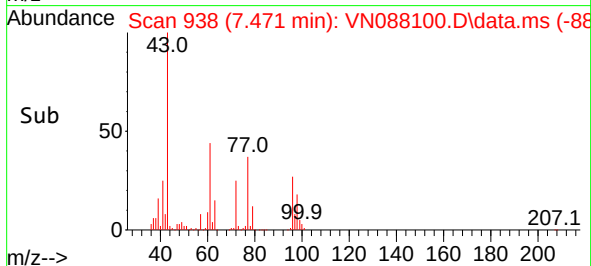
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 264669
Ion Ratio Lower Upper
96 100
61 160.3 0.0 301.8
98 64.1 0.0 126.2

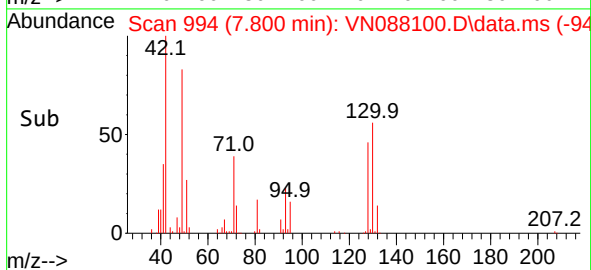
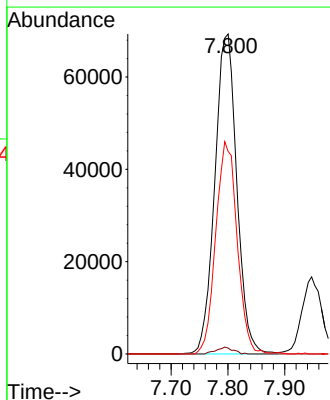
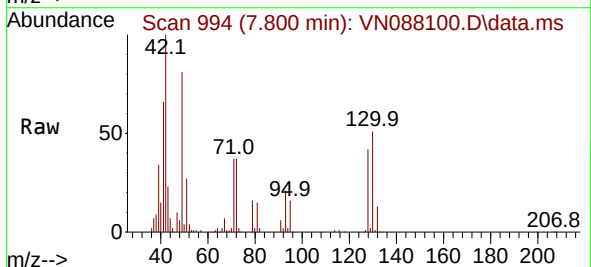
Manual Integrations
APPROVED

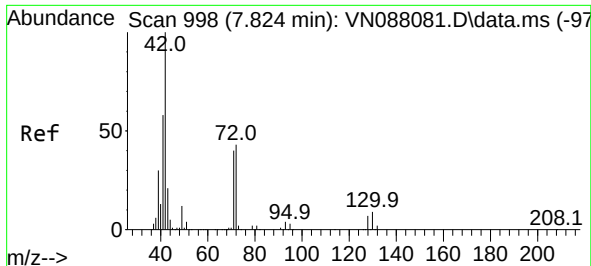
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#28
Bromochloromethane
Concen: 47.984 ug/l
RT: 7.800 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

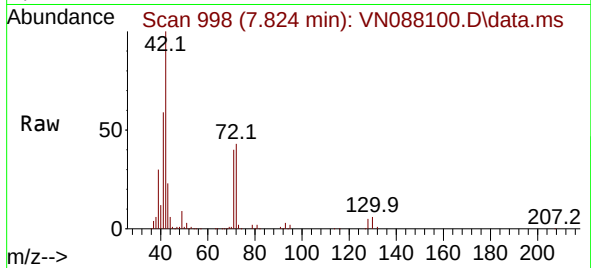
Tgt Ion: 49 Resp: 187001
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.0
130 64.4 53.1 79.7





#29
Tetrahydrofuran
Concen: 256.795 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

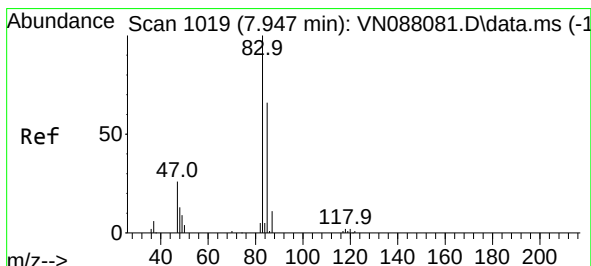
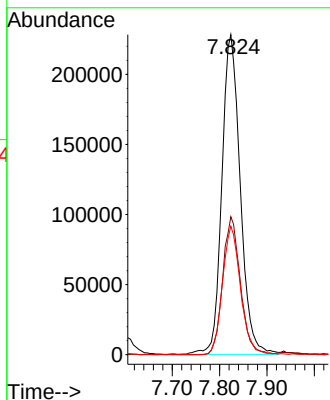
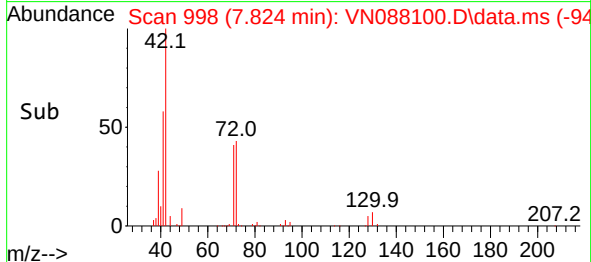
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 615736
Ion Ratio Lower Upper
42 100
72 41.5 33.7 50.5
71 39.4 31.9 47.9

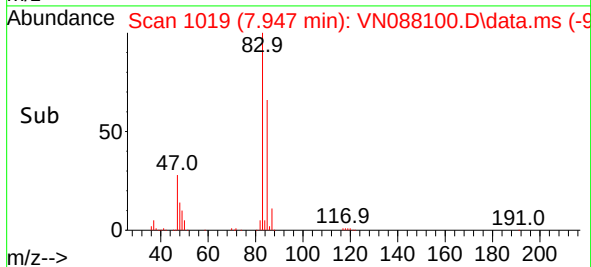
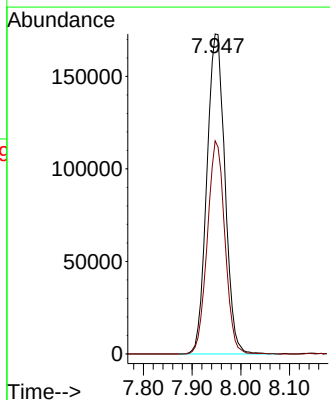
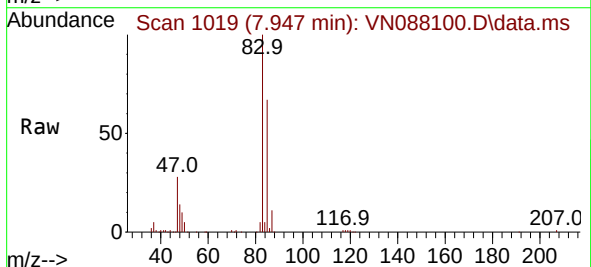
Manual Integrations
APPROVED

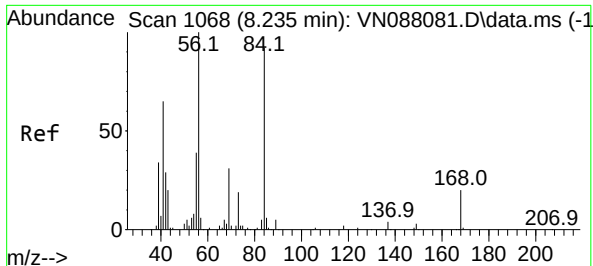
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#30
Chloroform
Concen: 53.943 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

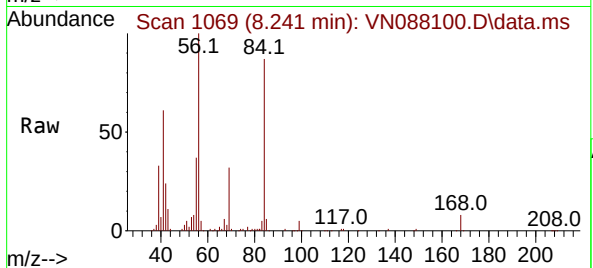
Tgt Ion: 83 Resp: 444475
Ion Ratio Lower Upper
83 100
85 66.6 50.7 76.1





#31
Cyclohexane
Concen: 51.860 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

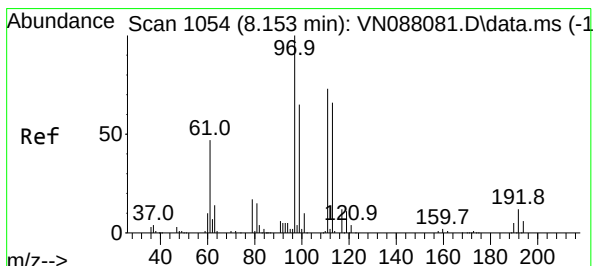
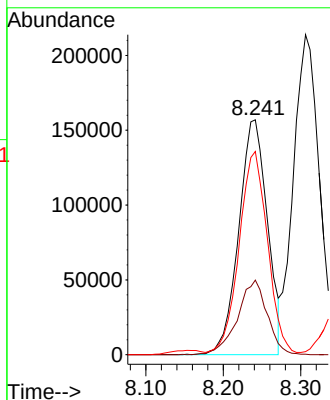
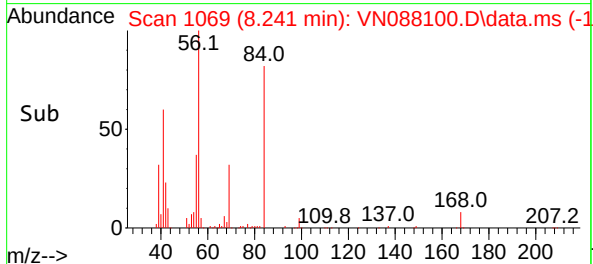
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



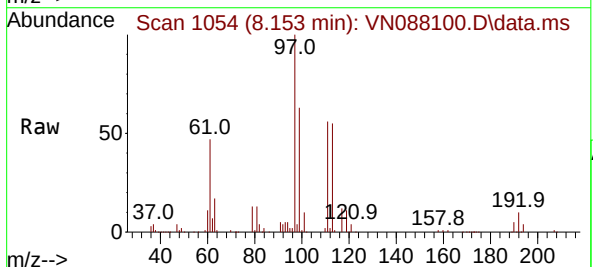
Tgt Ion: 56 Resp: 40341
Ion Ratio Lower Upper
56 100
69 31.7 23.7 35.5
84 84.9 64.7 97.1

Manual Integrations
APPROVED

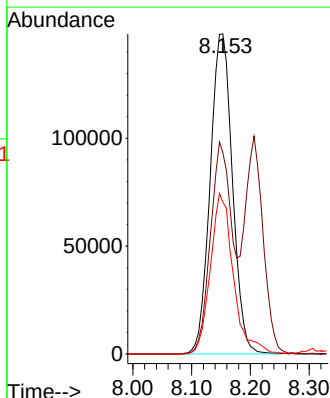
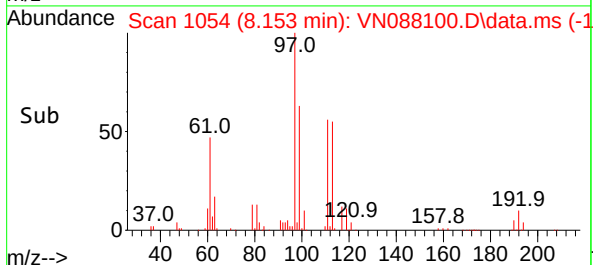
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

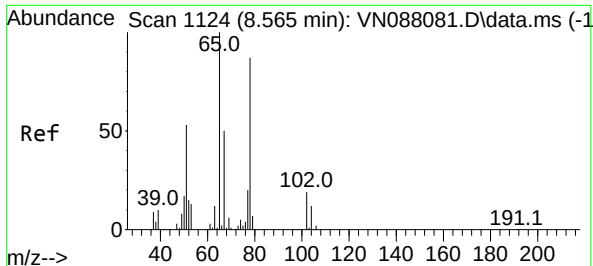


#32
1,1,1-Trichloroethane
Concen: 53.229 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



Tgt Ion: 97 Resp: 390633
Ion Ratio Lower Upper
97 100
99 62.6 52.2 78.2
61 51.7 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 52.850 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 29369

Ion Ratio Lower Upper

65 100

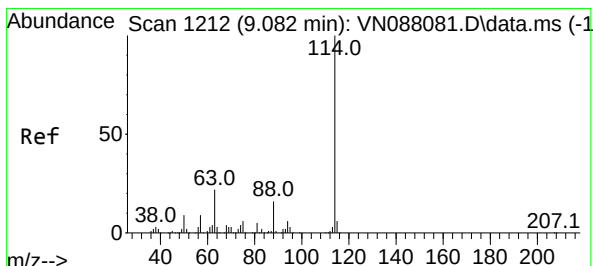
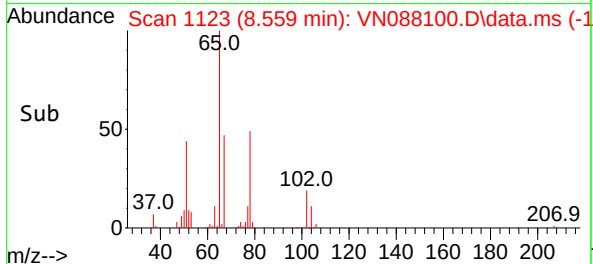
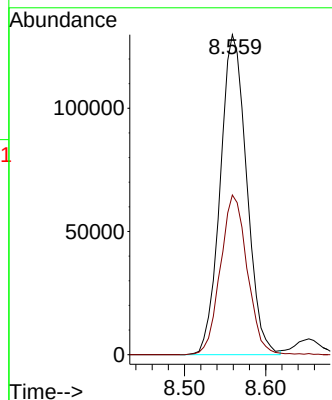
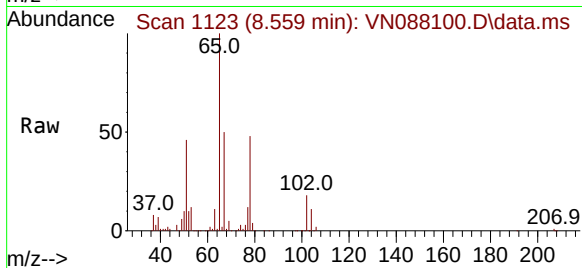
67 50.6 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

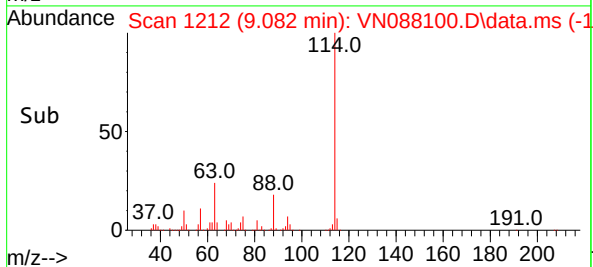
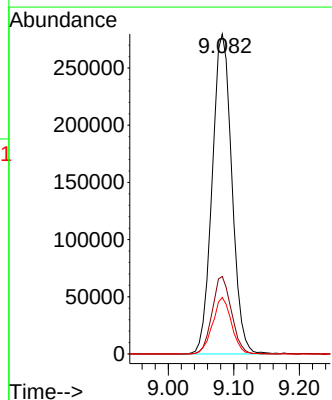
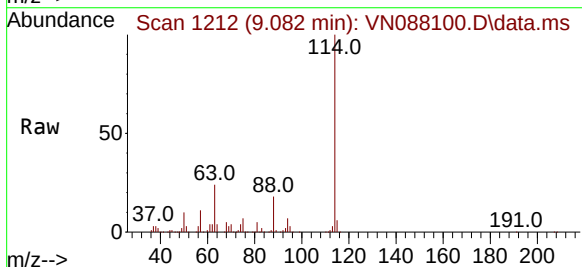
Tgt Ion:114 Resp: 582591

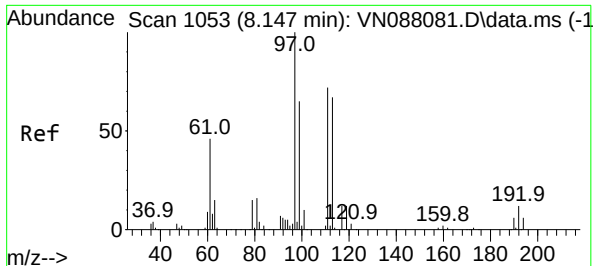
Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.2

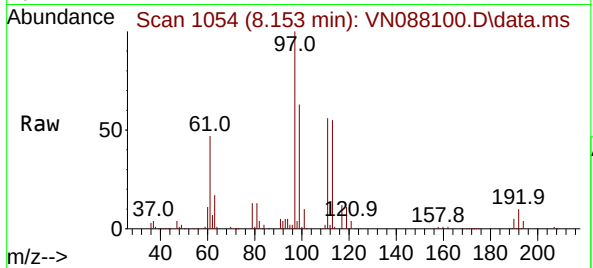
88 17.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 51.737 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

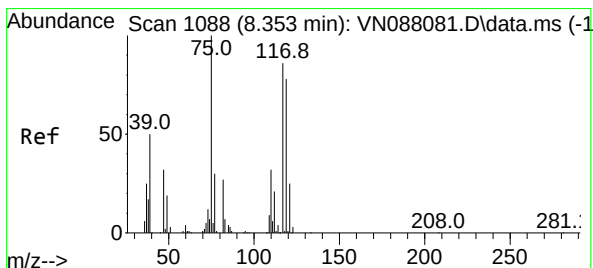
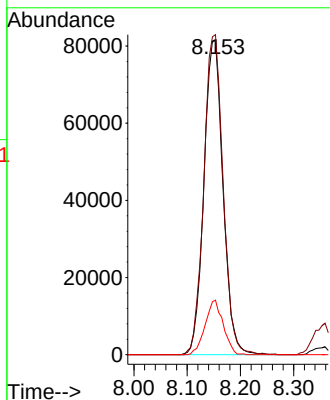
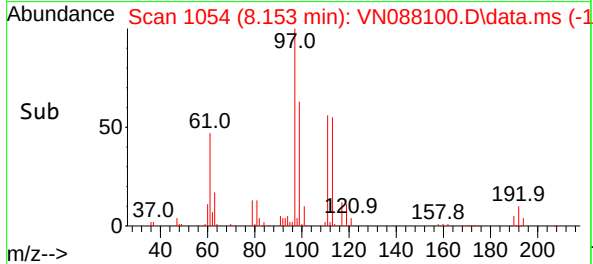
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



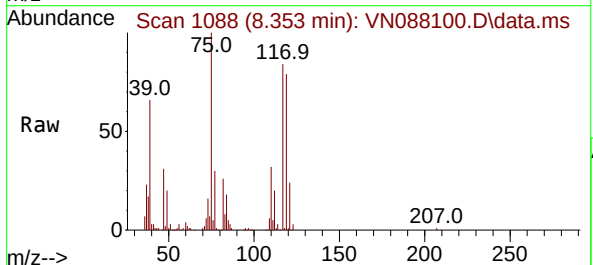
Tgt Ion: 113 Resp: 20249
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 16.4 12.8 19.2

Manual Integrations
APPROVED

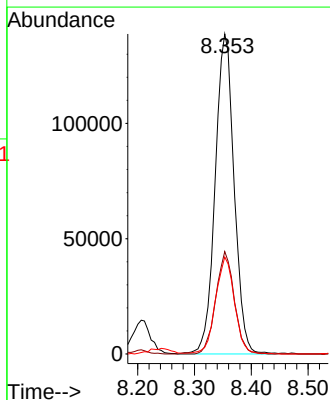
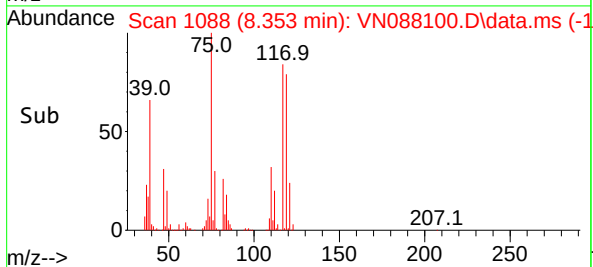
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

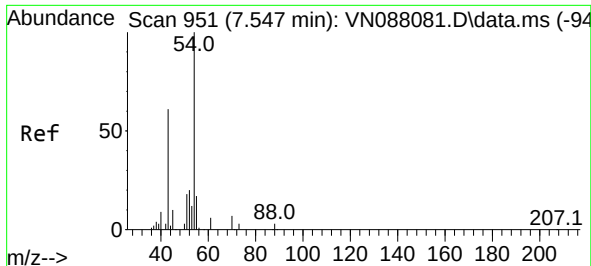


#36
1,1-Dichloropropene
Concen: 56.379 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



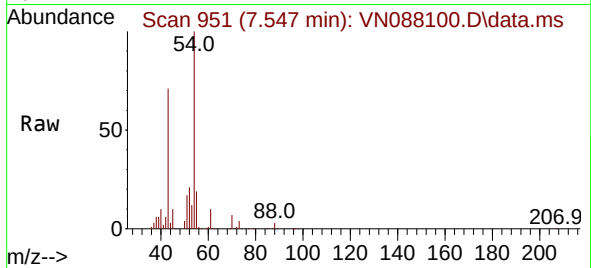
Tgt Ion: 75 Resp: 322191
Ion Ratio Lower Upper
75 100
110 31.2 15.9 47.6
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 53.529 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

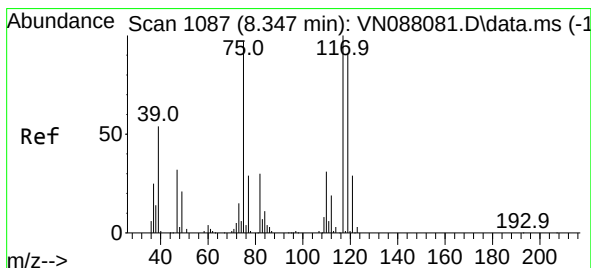
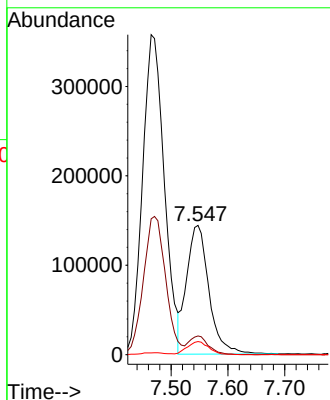
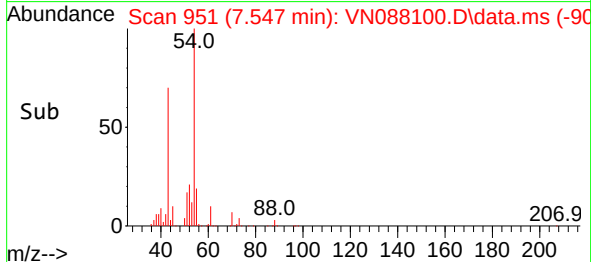
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 39476
Ion Ratio Lower Upper
43 100
61 12.2 9.3 13.9
70 9.9 7.0 10.6

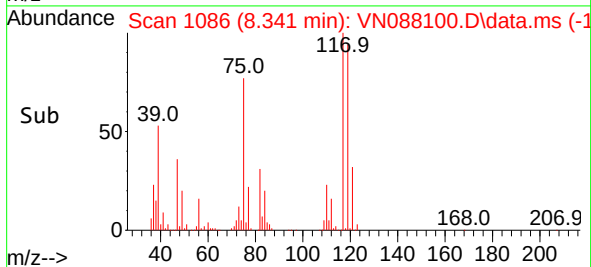
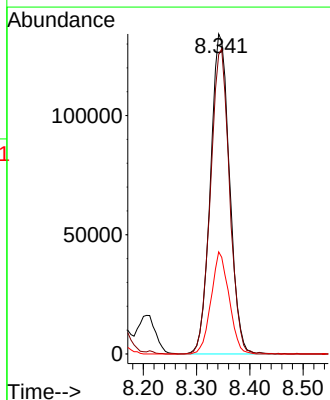
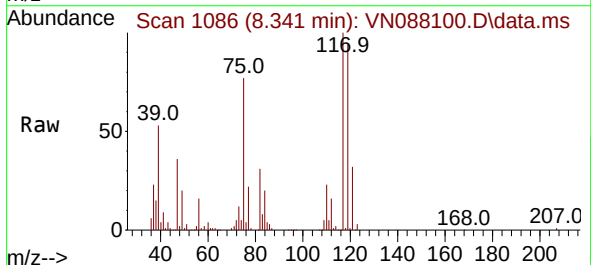
Manual Integrations
APPROVED

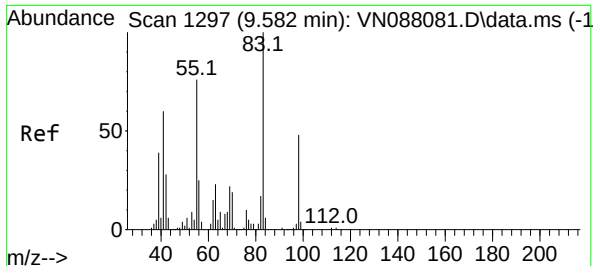
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#38
Carbon Tetrachloride
Concen: 56.617 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

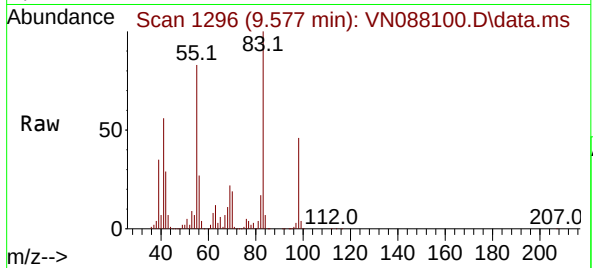
Tgt Ion:117 Resp: 334174
Ion Ratio Lower Upper
117 100
119 93.6 79.0 118.6
121 31.9 25.0 37.6





#39
Methylcyclohexane
Concen: 53.731 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

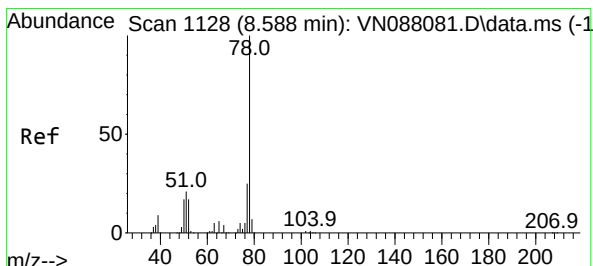
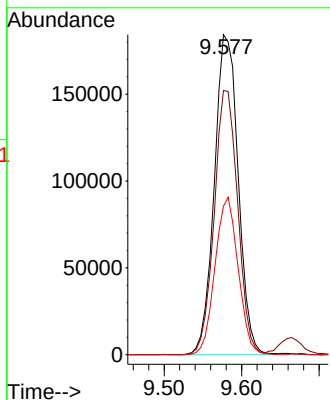
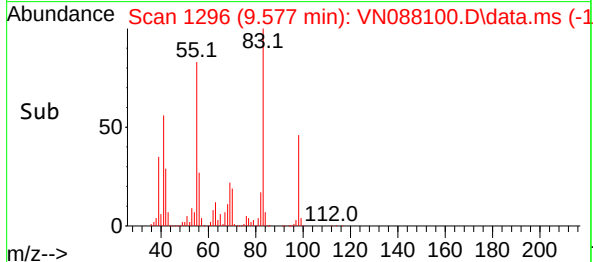
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 394682
Ion Ratio Lower Upper
83 100
55 82.5 64.6 96.8
98 46.4 38.4 57.6

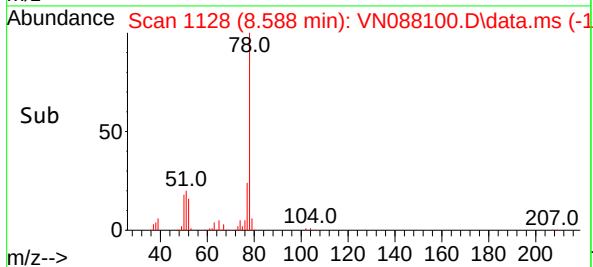
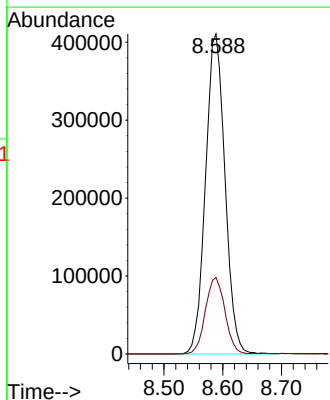
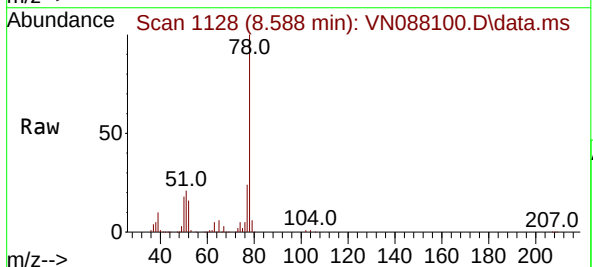
Manual Integrations
APPROVED

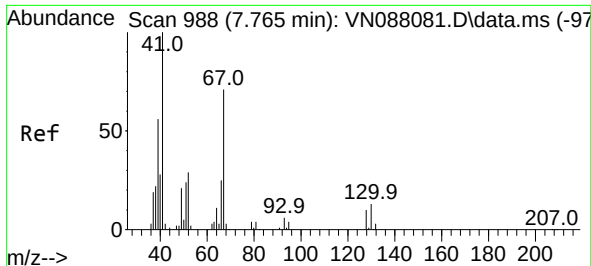
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#40
Benzene
Concen: 54.243 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

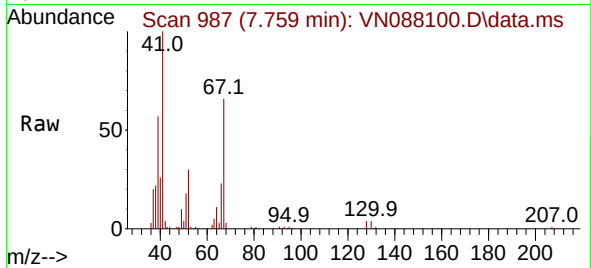
Tgt Ion: 78 Resp: 944035
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5





#41
Methacrylonitrile
Concen: 52.902 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

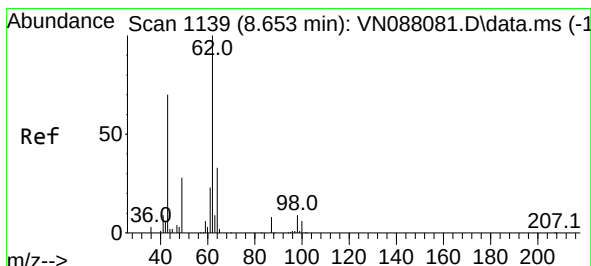
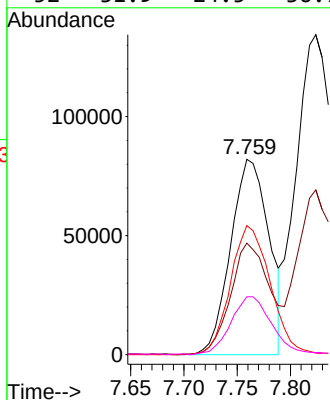
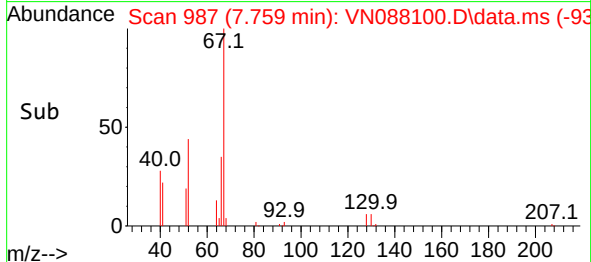
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 205334
Ion Ratio Lower Upper
41 100
39 60.3 45.4 68.0
67 69.1 55.3 82.9
52 31.9 24.5 36.7

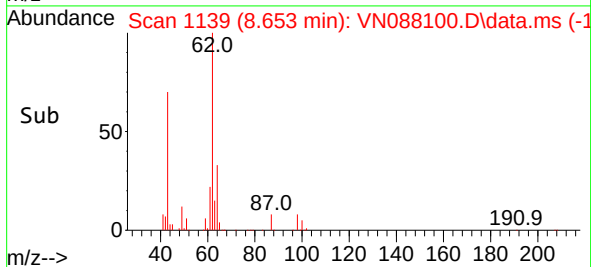
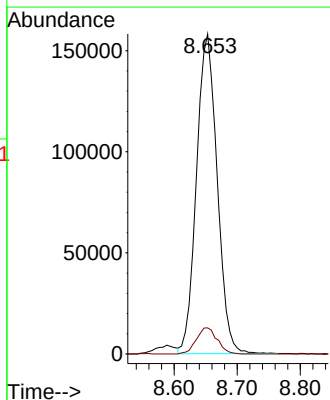
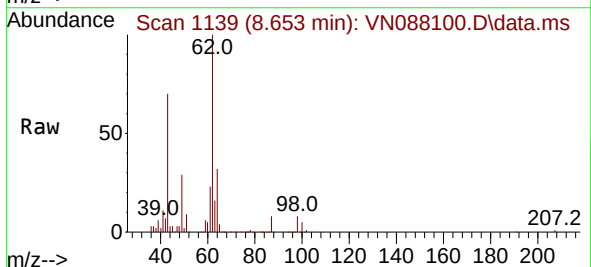
Manual Integrations
APPROVED

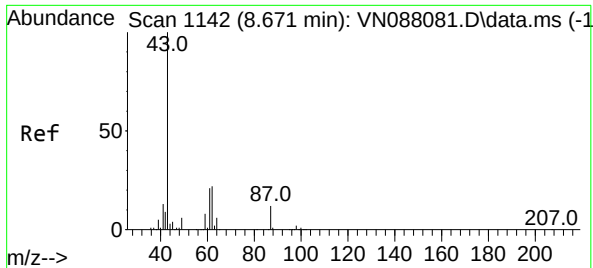
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#42
1,2-Dichloroethane
Concen: 58.209 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 62 Resp: 359956
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.4





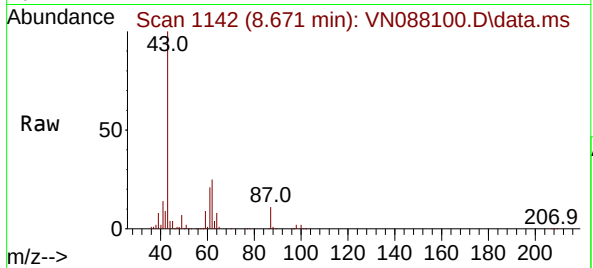
#43
Isopropyl Acetate
Concen: 55.496 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



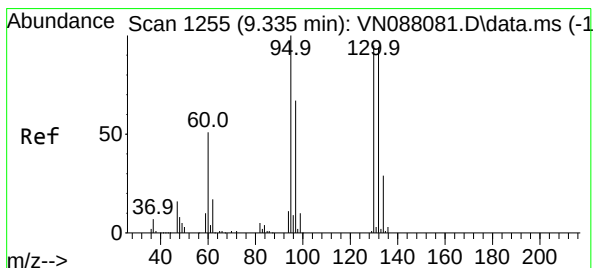
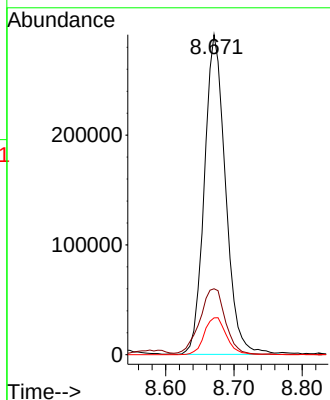
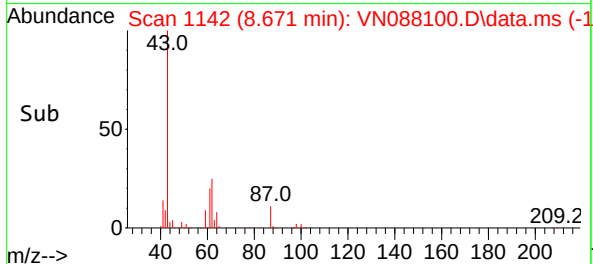
Tgt Ion: 43 Resp: 628892
Ion Ratio Lower Upper
43 100
61 24.6 18.8 28.2
87 12.1 9.6 14.4

Manual Integrations

APPROVED

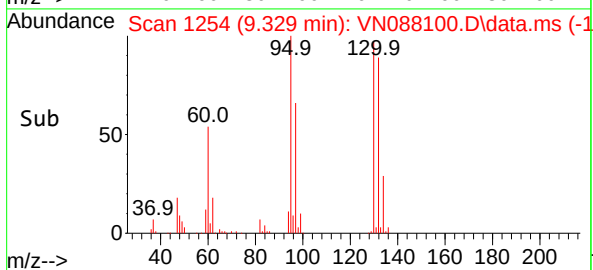
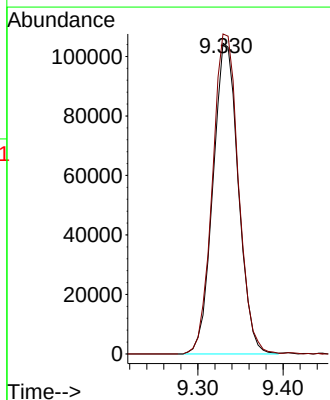
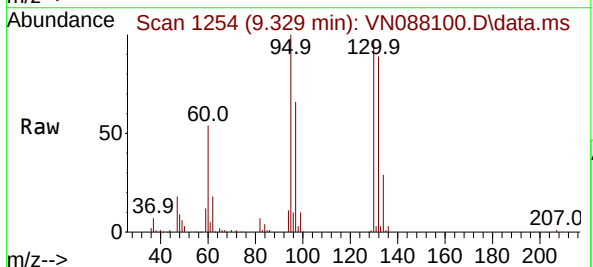
Reviewed By :John Carlone 10/27/2025

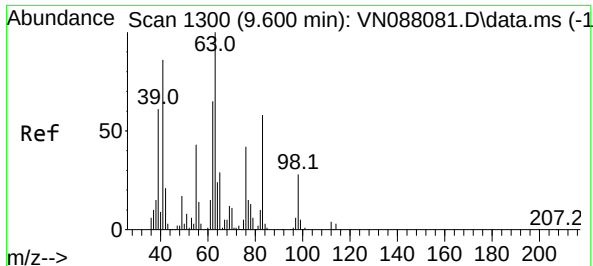
Supervised By :Semsettin Yesilyurt 10/27/2025



#44
Trichloroethene
Concen: 53.158 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

Tgt Ion:130 Resp: 216244
Ion Ratio Lower Upper
130 100
95 103.0 0.0 212.0





#45

1,2-Dichloropropane

Concen: 55.326 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 243092

Ion Ratio Lower Upper

63 100

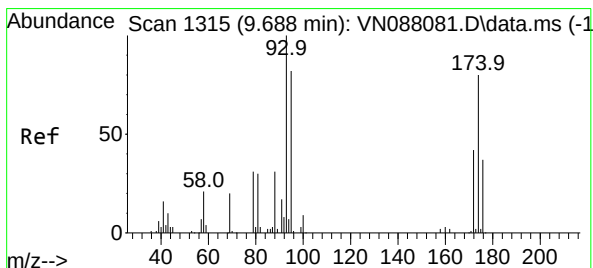
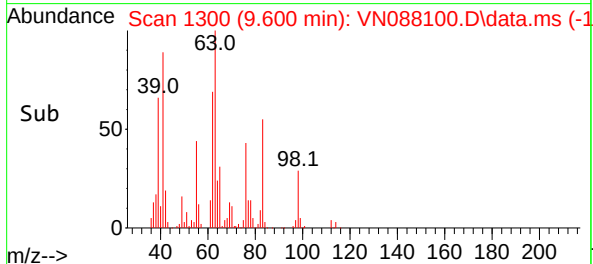
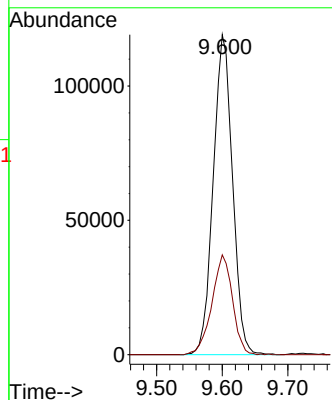
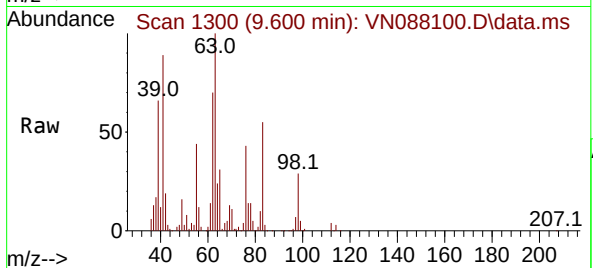
65 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#46

Dibromomethane

Concen: 56.612 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

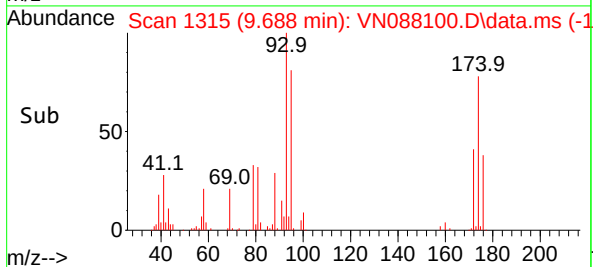
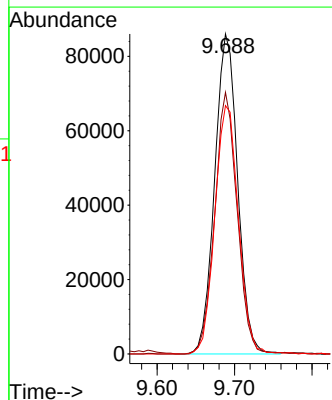
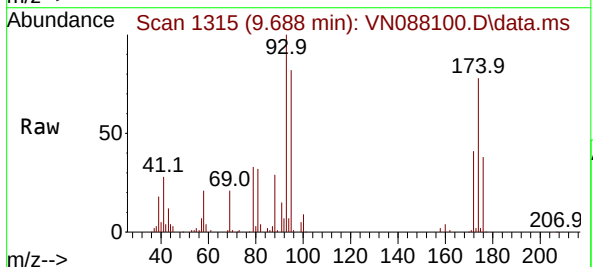
Tgt Ion: 93 Resp: 177404

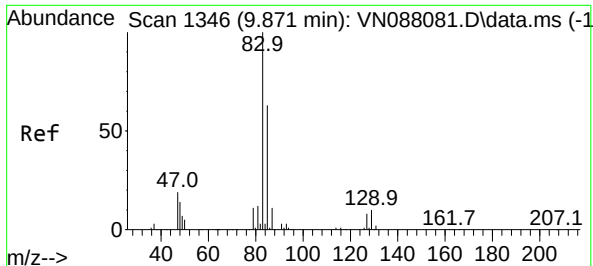
Ion Ratio Lower Upper

93 100

95 80.2 66.2 99.4

174 79.8 63.4 95.2





#47

Bromodichloromethane

Concen: 56.466 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

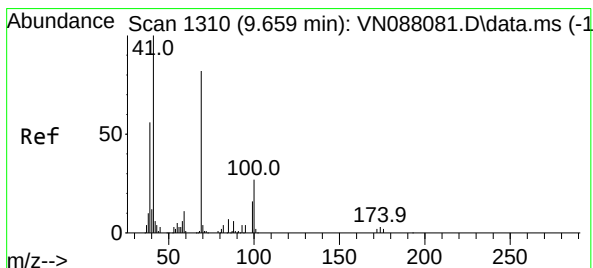
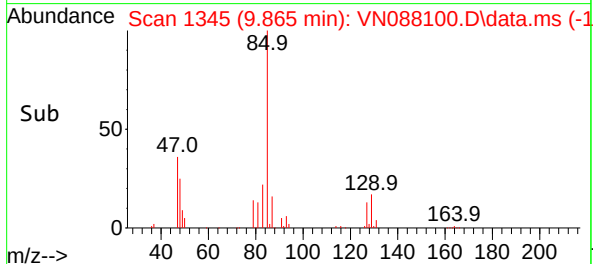
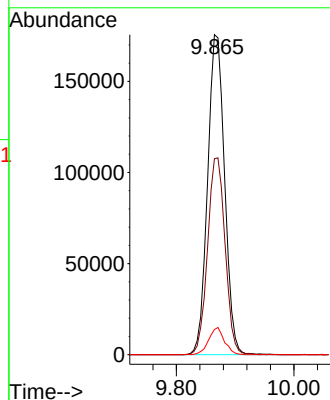
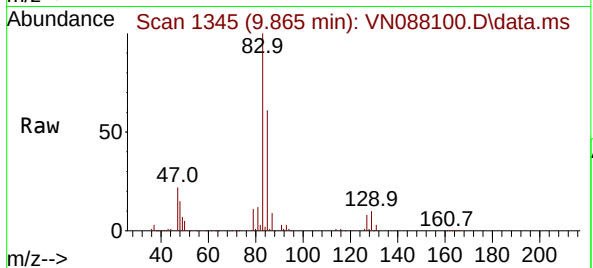
Tgt Ion:	83	Resp:	35426
Ion Ratio	Lower	Upper	
83	100		
85	61.2	52.5	78.7
127	7.8	5.8	8.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#48

Methyl methacrylate

Concen: 56.860 ug/l

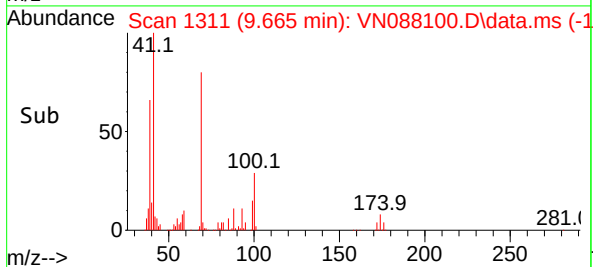
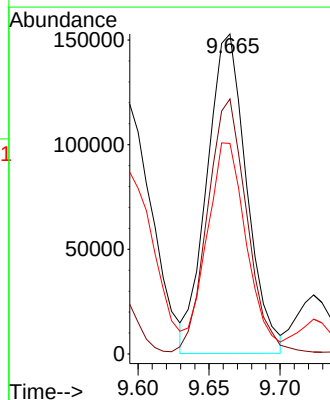
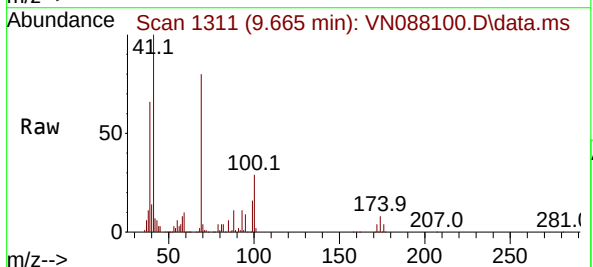
RT: 9.665 min Scan# 1311

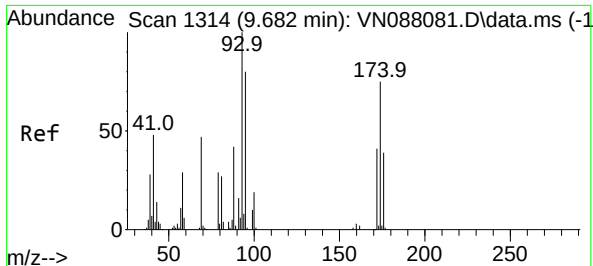
Delta R.T. -0.000 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

Tgt Ion:	41	Resp:	297485
Ion Ratio	Lower	Upper	
41	100		
69	79.3	62.7	94.1
39	66.0	52.9	79.3





#49

1,4-Dioxane

Concen: 1071.116 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 69698

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

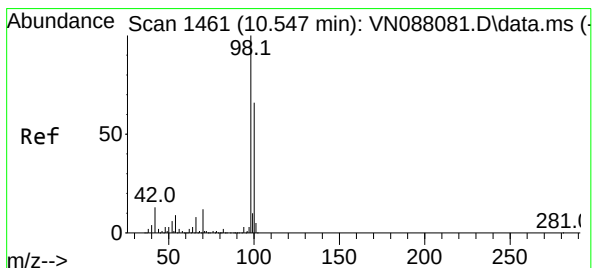
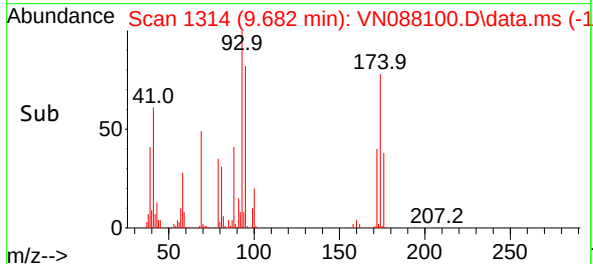
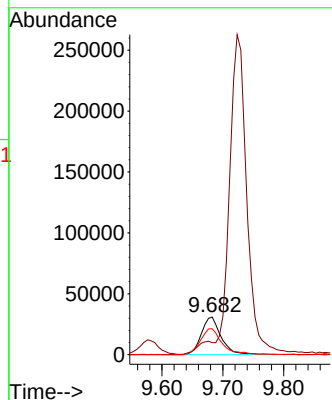
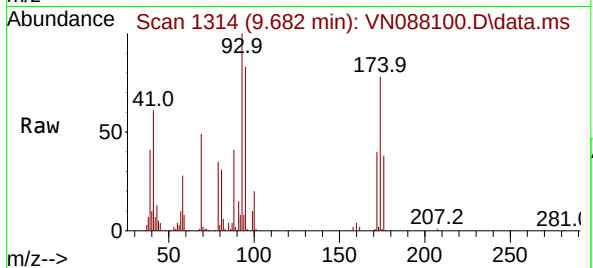
58 76.3 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#50

Toluene-d8

Concen: 49.942 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088100.D

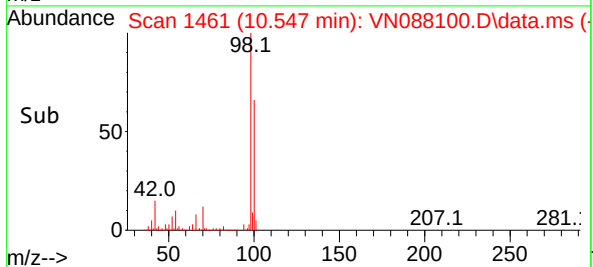
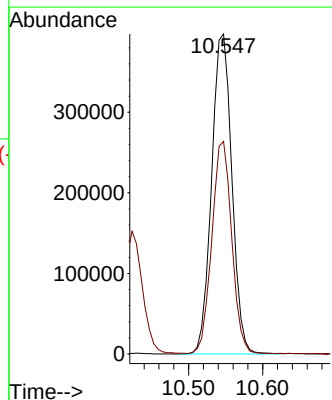
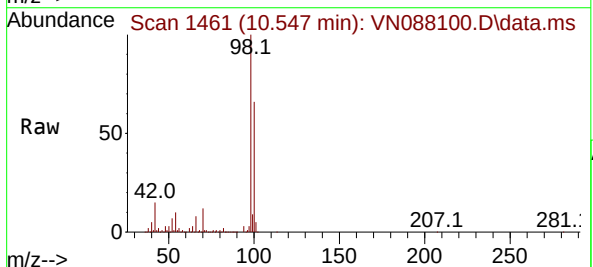
Acq: 24 Oct 2025 17:22

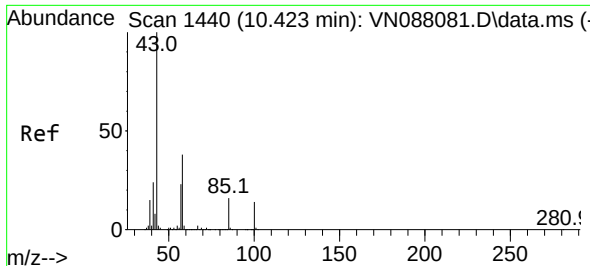
Tgt Ion: 98 Resp: 753167

Ion Ratio Lower Upper

98 100

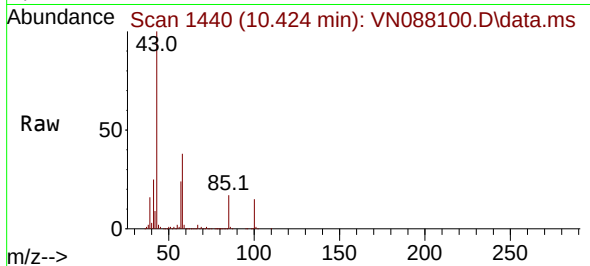
100 65.1 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 284.136 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

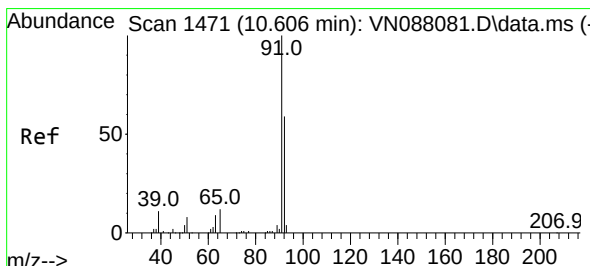
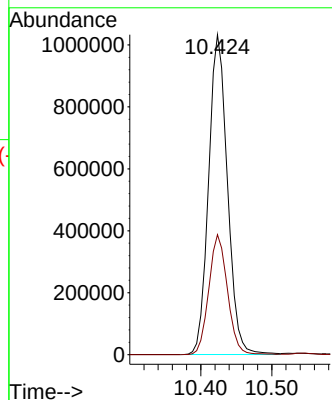
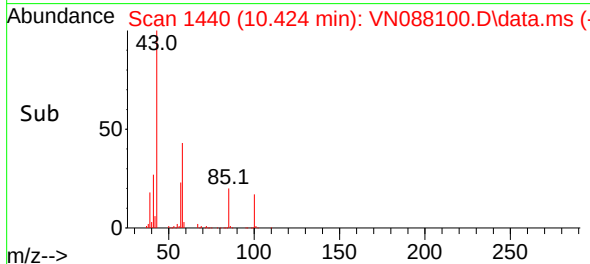
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 190483
Ion Ratio Lower Upper
43 100
58 37.2 29.6 44.4

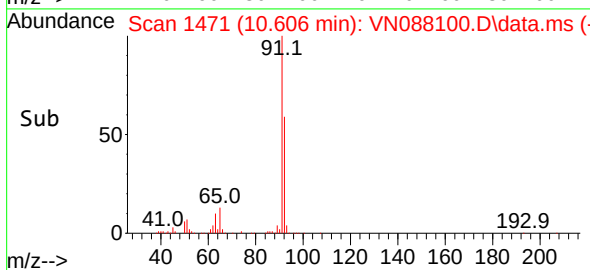
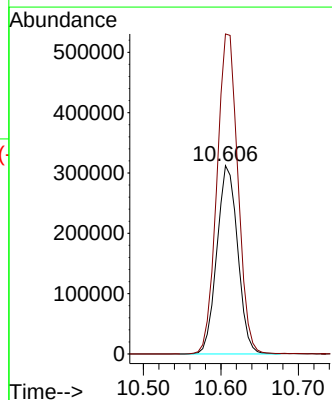
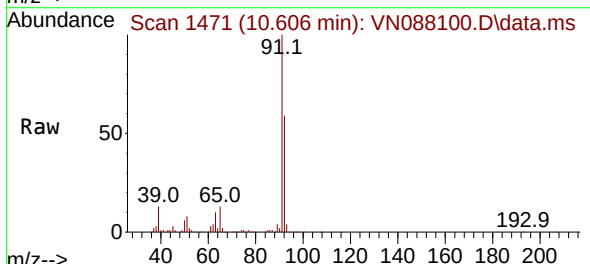
Manual Integrations
APPROVED

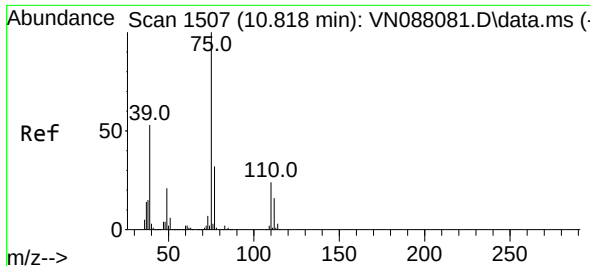
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#52
Toluene
Concen: 54.223 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

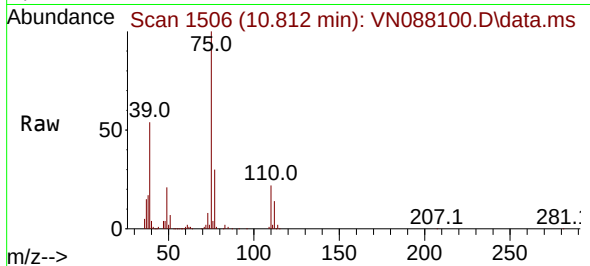
Tgt Ion: 92 Resp: 581829
Ion Ratio Lower Upper
92 100
91 171.9 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 56.512 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

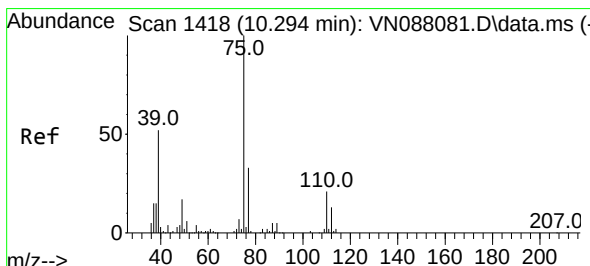
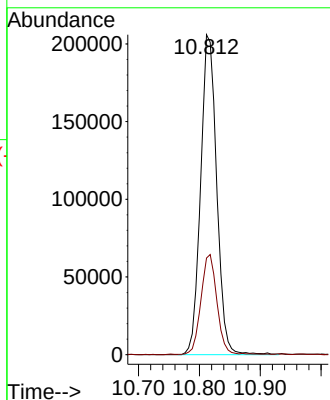
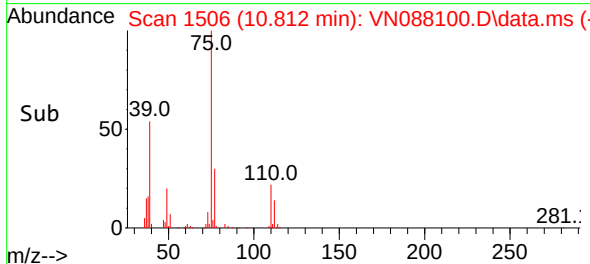
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



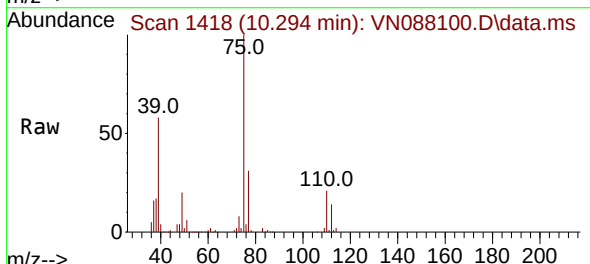
Tgt Ion: 75 Resp: 377359
Ion Ratio Lower Upper
75 100
77 30.1 25.2 37.8

Manual Integrations
APPROVED

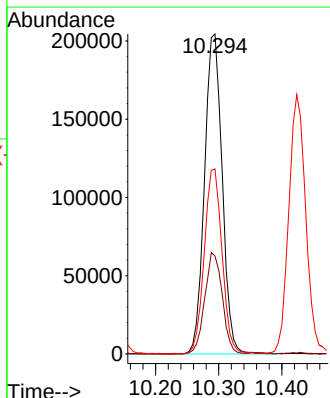
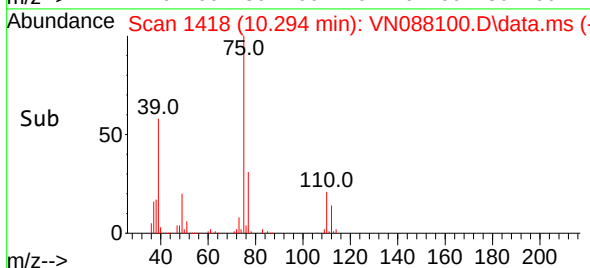
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

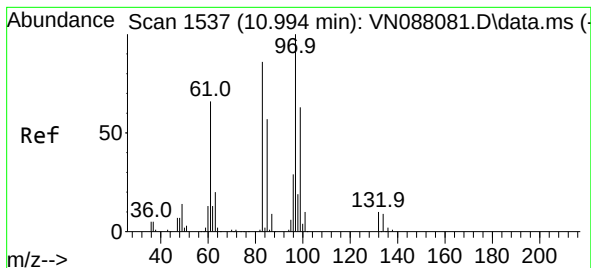


#54
cis-1,3-Dichloropropene
Concen: 56.273 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



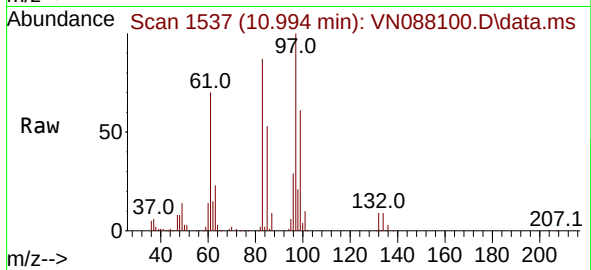
Tgt Ion: 75 Resp: 398736
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0
39 57.7 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 53.382 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

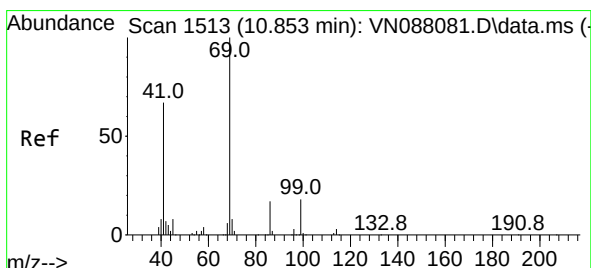
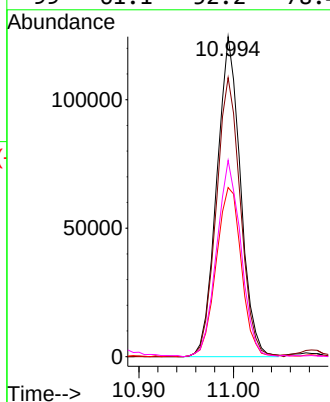
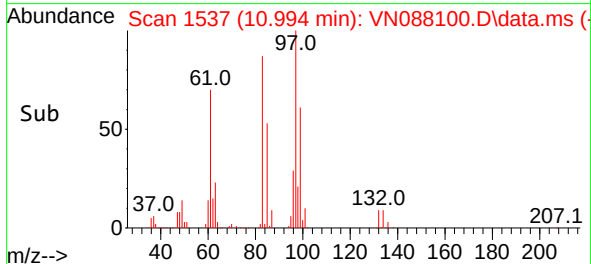
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	21731
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.4
85	52.9	45.5	68.3
99	61.1	52.2	78.4

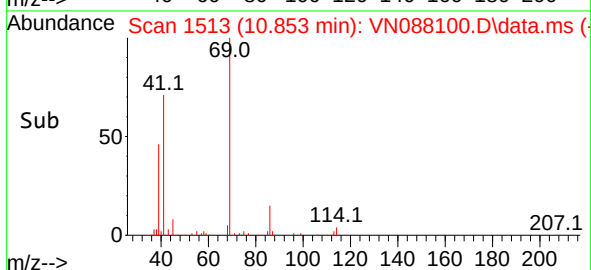
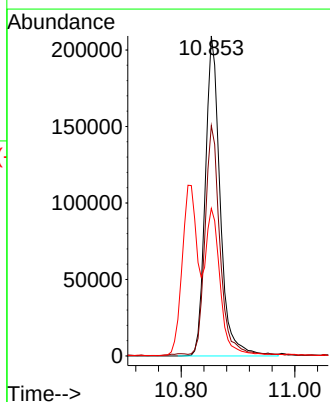
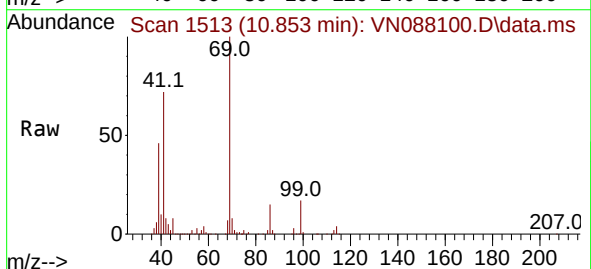
Manual Integrations
APPROVED

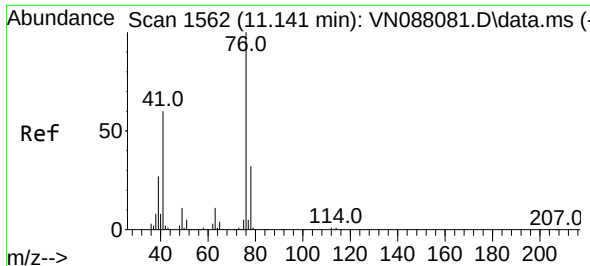
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#56
Ethyl methacrylate
Concen: 58.806 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

Tgt Ion:	69	Resp:	378847
Ion	Ratio	Lower	Upper
69	100		
41	71.7	56.5	84.7
39	44.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 55.418 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 39654

Ion Ratio Lower Upper

76 100

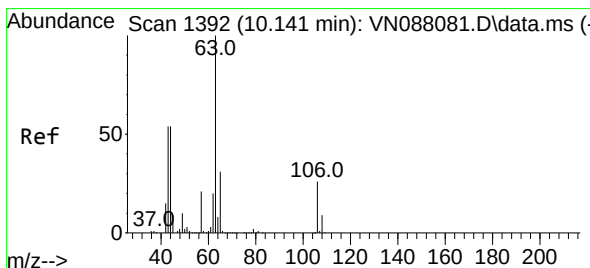
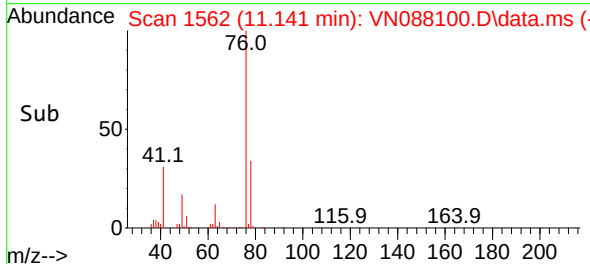
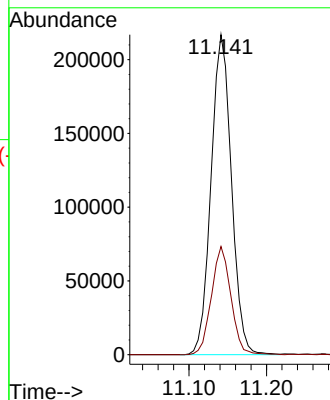
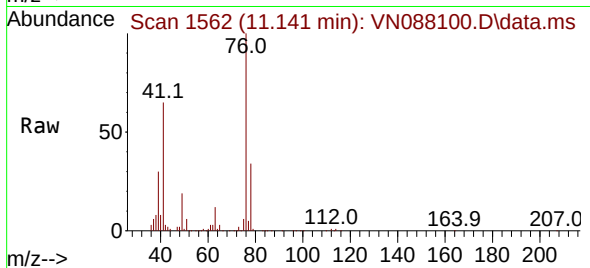
78 32.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 287.606 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088100.D

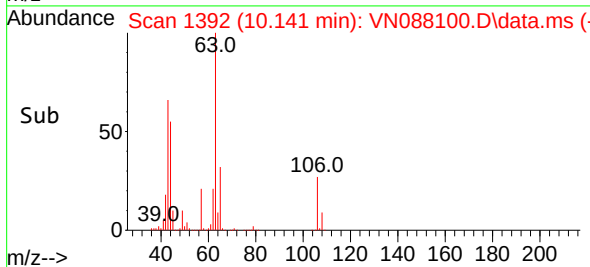
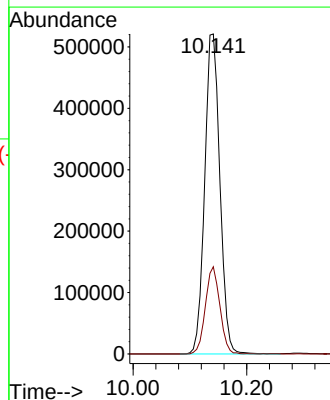
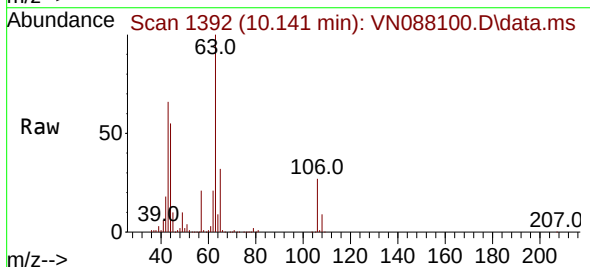
Acq: 24 Oct 2025 17:22

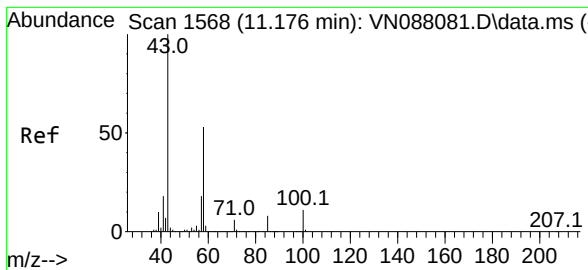
Tgt Ion: 63 Resp: 963769

Ion Ratio Lower Upper

63 100

106 26.0 21.1 31.7





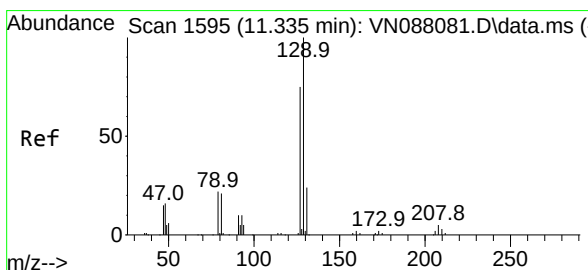
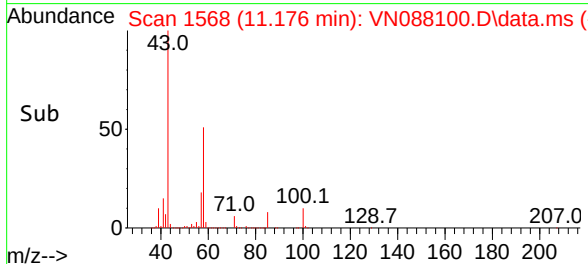
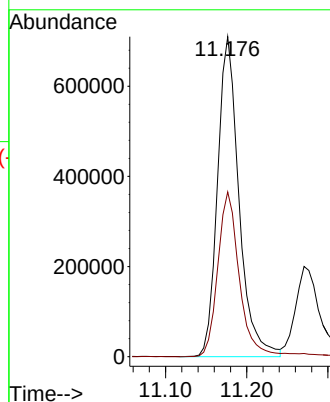
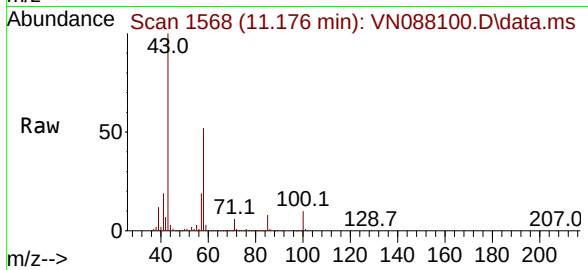
#59
2-Hexanone
Concen: 293.302 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 130438
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.8

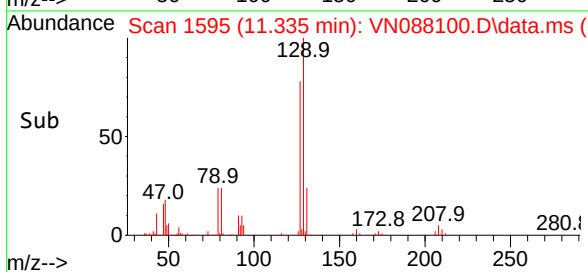
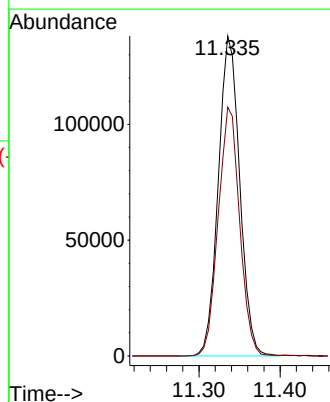
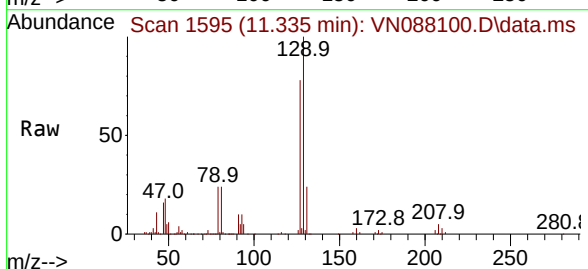
Manual Integrations
APPROVED

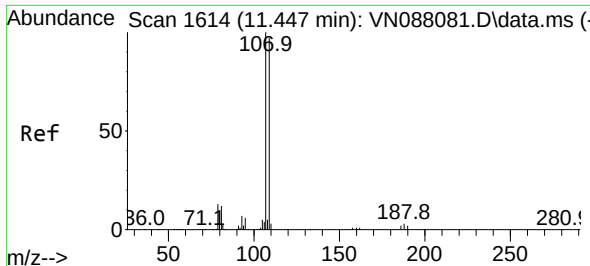
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#60
Dibromochloromethane
Concen: 54.754 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

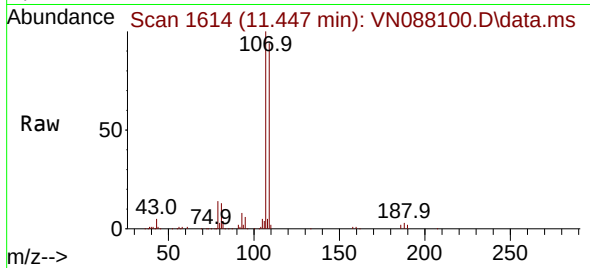
Tgt Ion:129 Resp: 253351
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 52.936 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

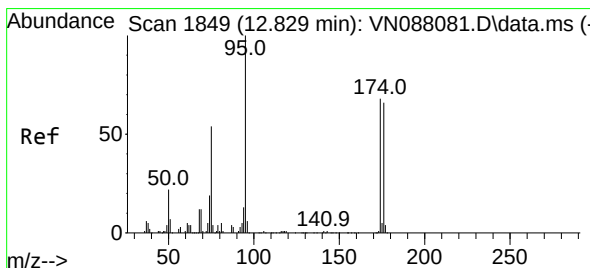
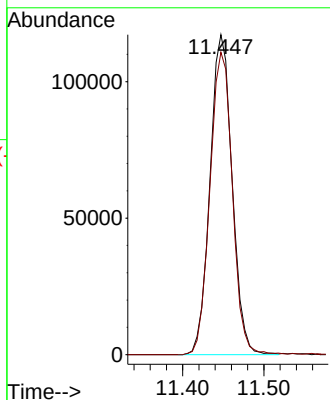
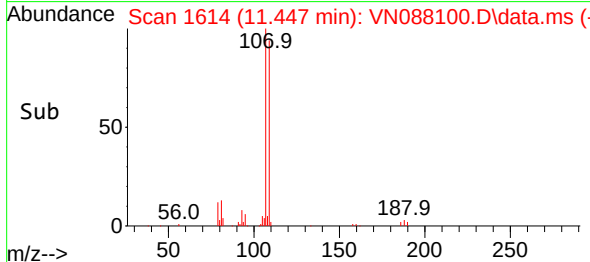
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 221784
Ion Ratio Lower Upper
107 100
109 95.7 74.7 112.1

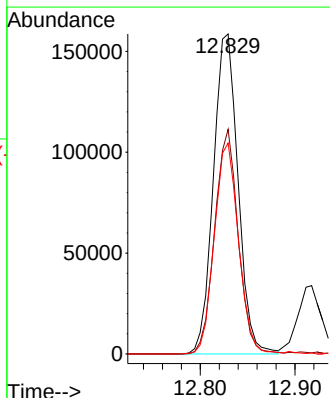
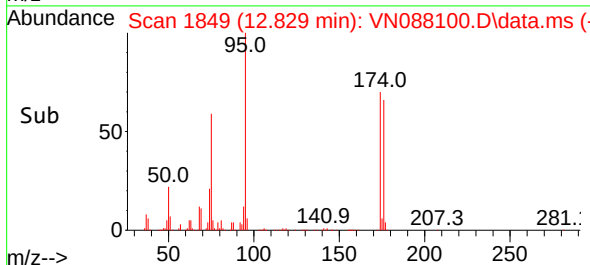
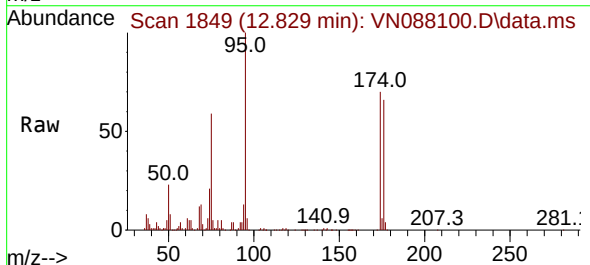
Manual Integrations
APPROVED

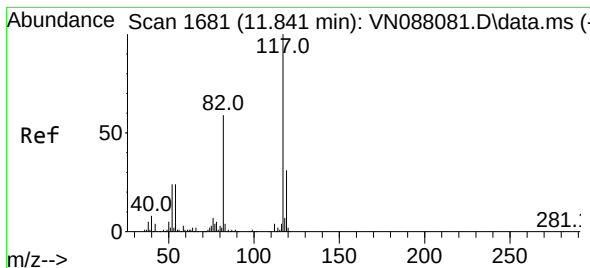
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#62
4-Bromofluorobenzene
Concen: 53.904 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

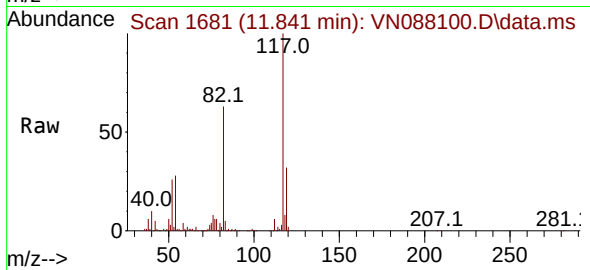
Tgt Ion: 95 Resp: 287091
Ion Ratio Lower Upper
95 100
174 66.7 0.0 138.4
176 64.7 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

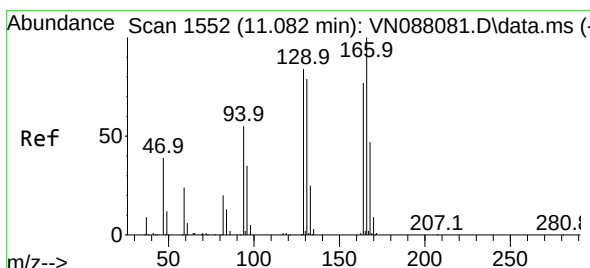
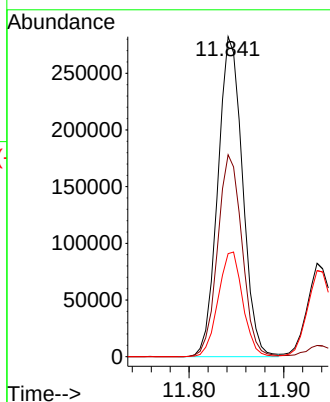
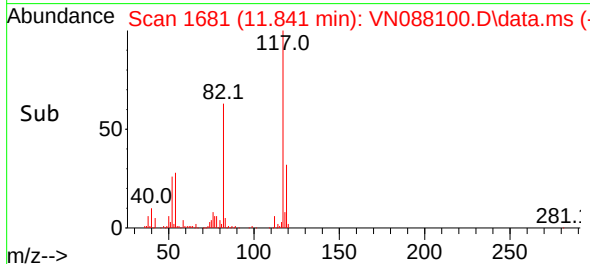
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



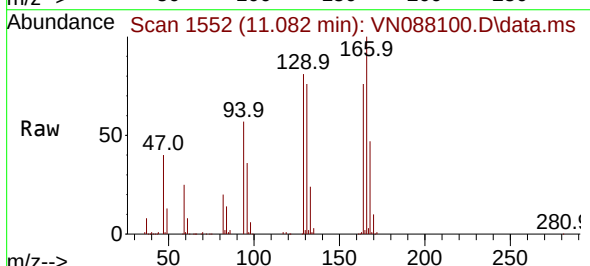
Tgt Ion:117 Resp: 51099
Ion Ratio Lower Upper
117 100
82 63.1 47.4 71.2
119 32.2 24.3 36.5

Manual Integrations
APPROVED

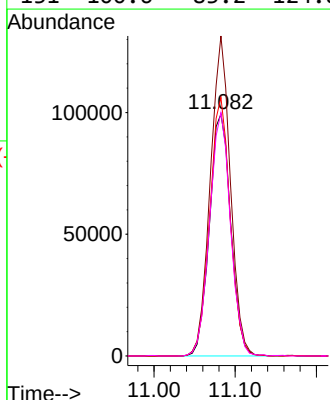
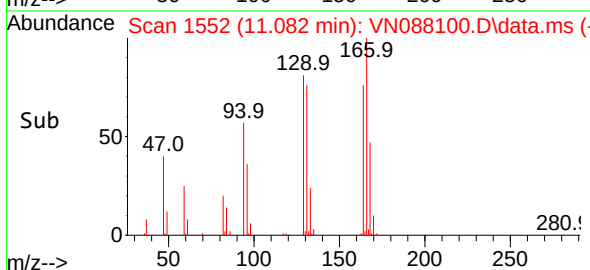
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

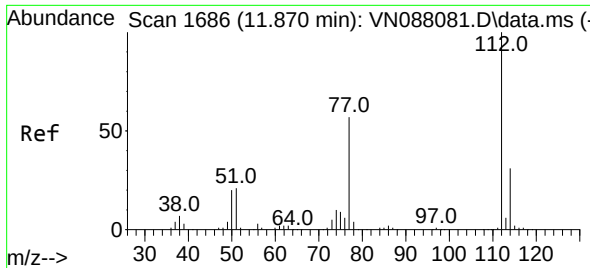


#64
Tetrachloroethene
Concen: 53.589 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



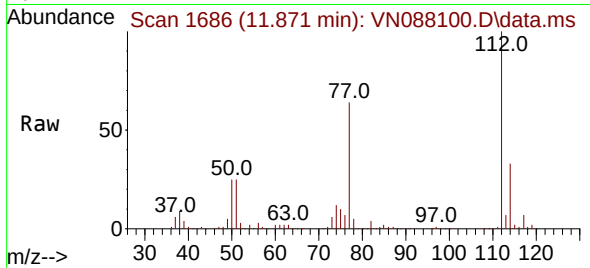
Tgt Ion:164 Resp: 180625
Ion Ratio Lower Upper
164 100
166 132.3 97.7 146.5
129 106.9 85.9 128.9
131 100.6 83.2 124.8





#65
Chlorobenzene
Concen: 53.672 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

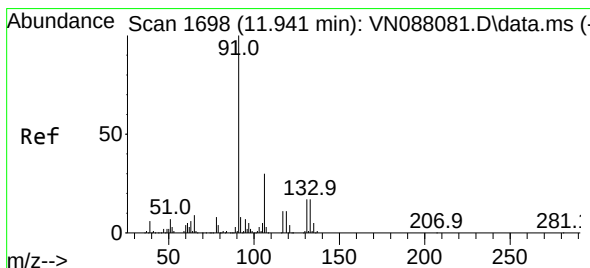
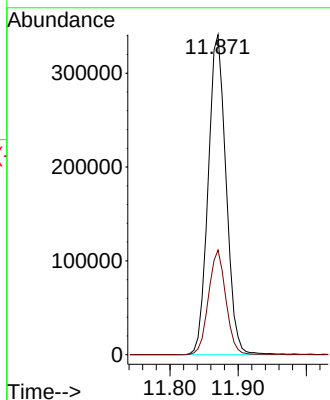
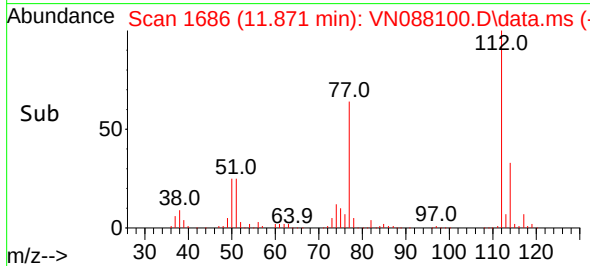
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



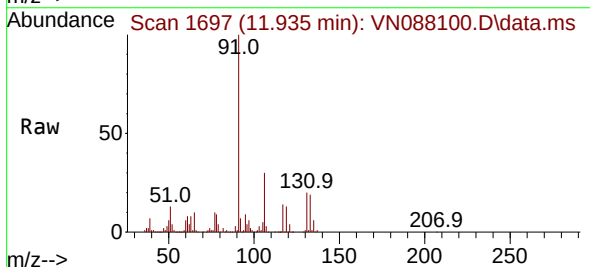
Tgt Ion:112 Resp: 62276
Ion Ratio Lower Upper
112 100
114 32.7 24.3 36.5

Manual Integrations
APPROVED

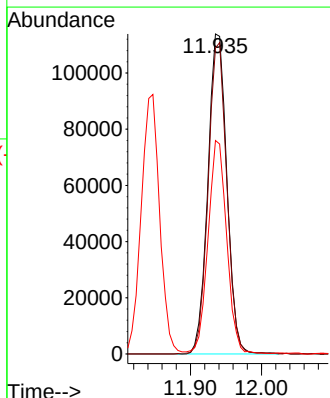
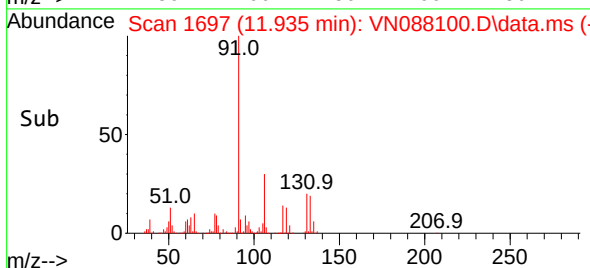
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

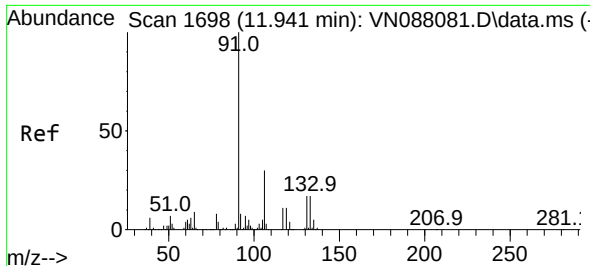


#66
1,1,1,2-Tetrachloroethane
Concen: 55.678 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



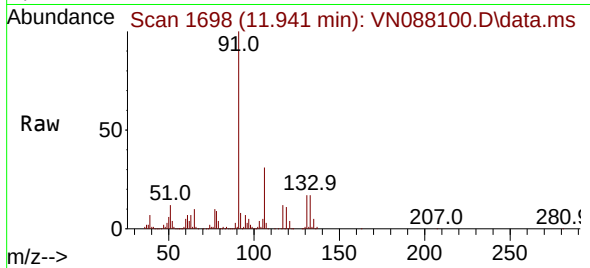
Tgt Ion:131 Resp: 211654
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 65.2 32.6 97.7





#67
Ethyl Benzene
Concen: 55.642 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

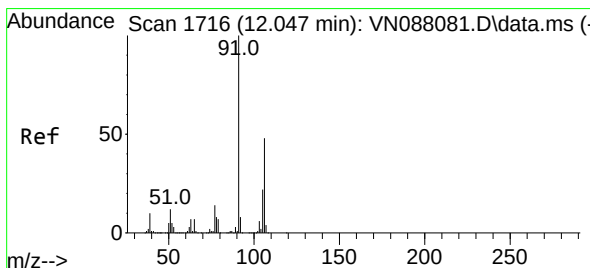
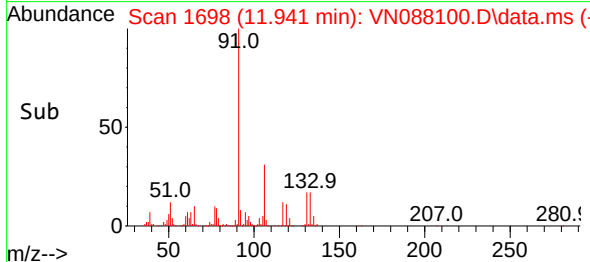
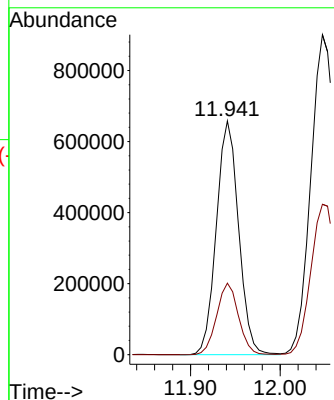
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 113325
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1

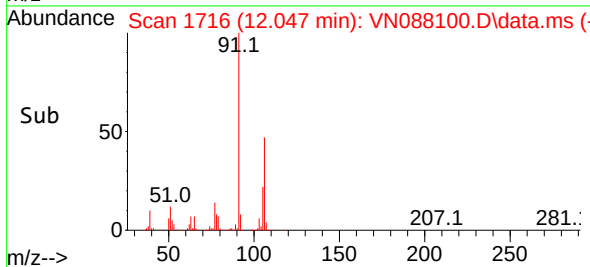
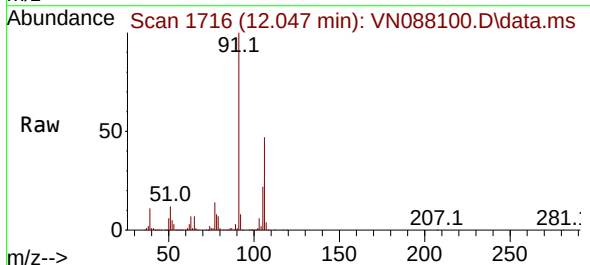
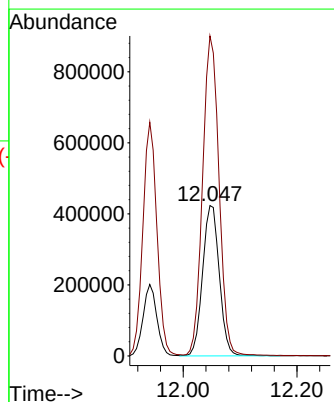
Manual Integrations
APPROVED

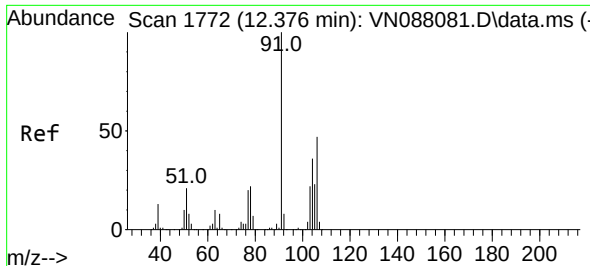
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#68
m/p-Xylenes
Concen: 112.620 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

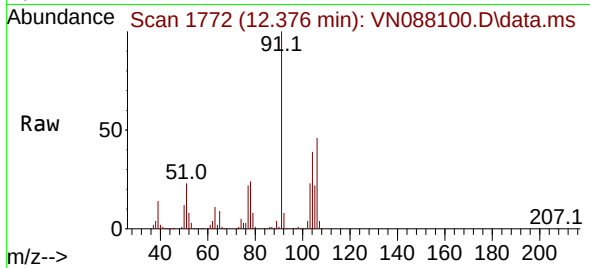
Tgt Ion:106 Resp: 859420
Ion Ratio Lower Upper
106 100
91 210.0 169.3 253.9





#69
o-Xylene
Concen: 56.223 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

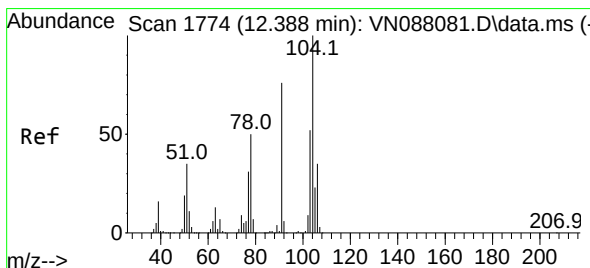
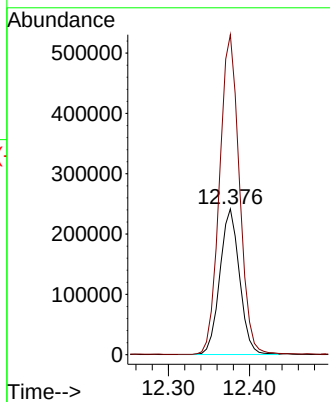
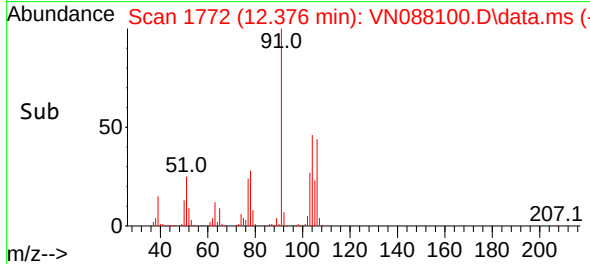
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 406719
Ion Ratio Lower Upper
106 100
91 222.3 111.4 334.2

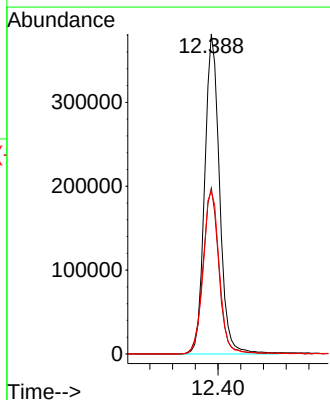
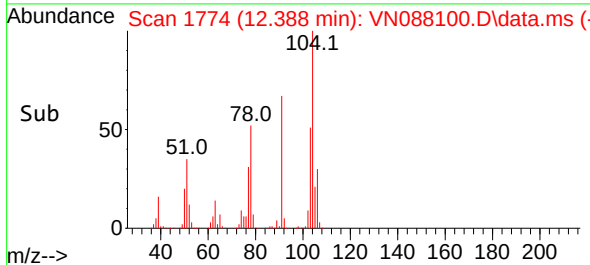
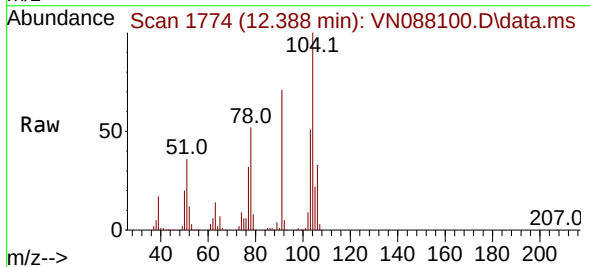
Manual Integrations
APPROVED

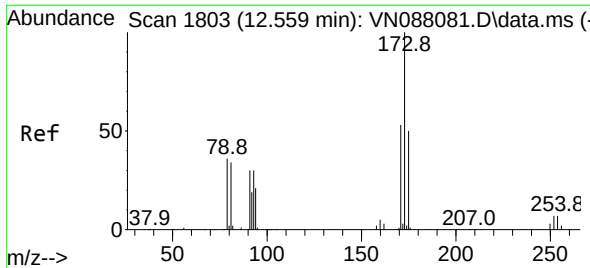
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#70
Styrene
Concen: 58.667 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

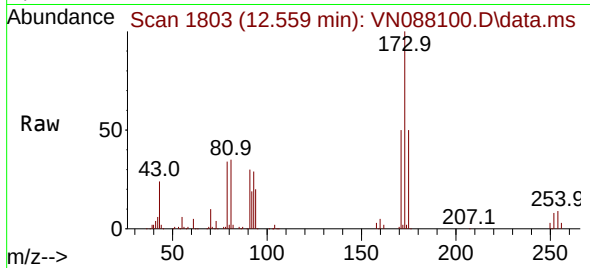
Tgt Ion:104 Resp: 692060
Ion Ratio Lower Upper
104 100
78 54.8 42.2 63.2
103 55.1 43.4 65.2





#71
Bromoform
Concen: 57.204 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

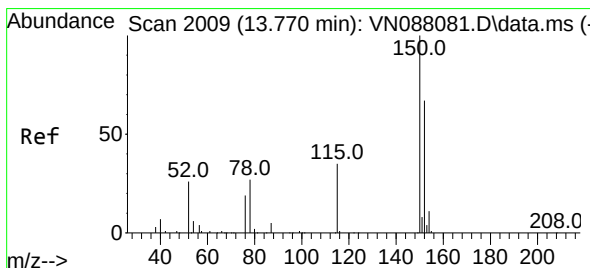
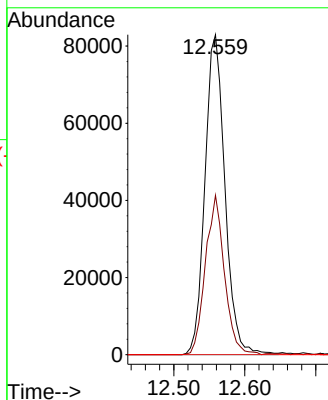
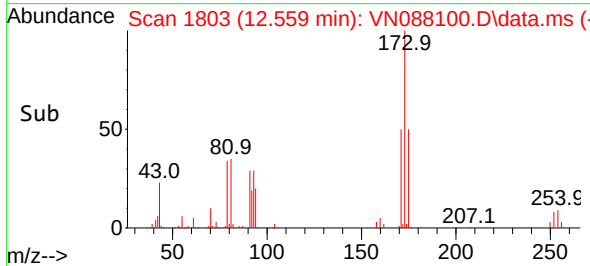
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



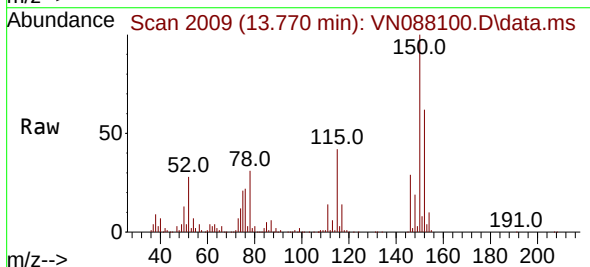
Tgt Ion:173 Resp: 162279
Ion Ratio Lower Upper
173 100
175 47.5 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

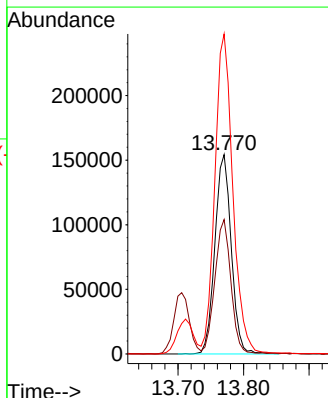
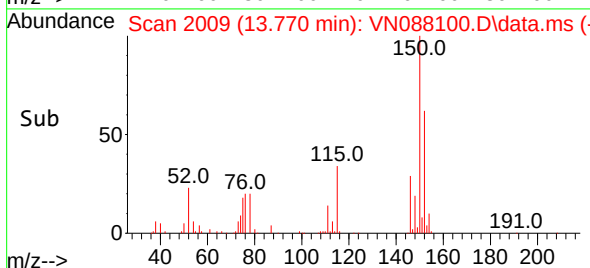
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

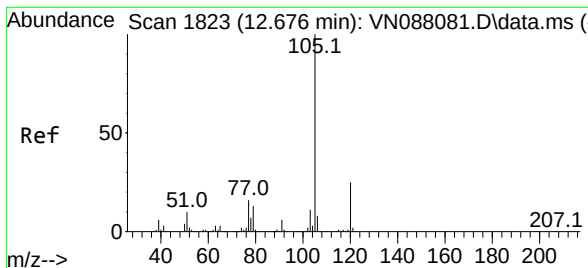


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



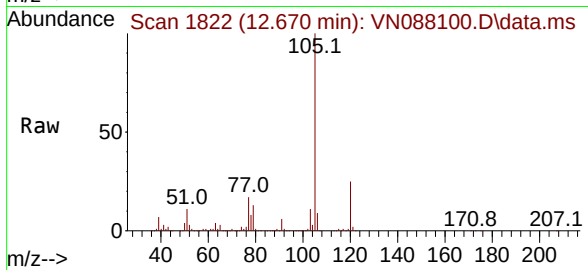
Tgt Ion:152 Resp: 266977
Ion Ratio Lower Upper
152 100
115 66.4 32.3 96.8
150 175.5 0.0 351.0





#73
Isopropylbenzene
Concen: 52.944 ug/l
RT: 12.670 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

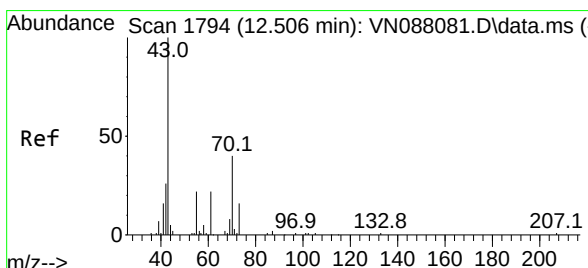
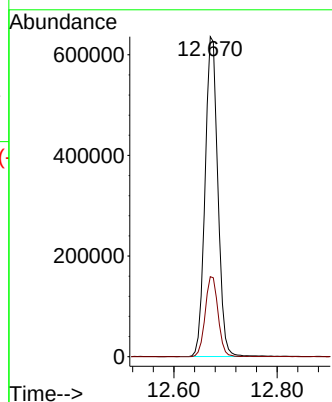
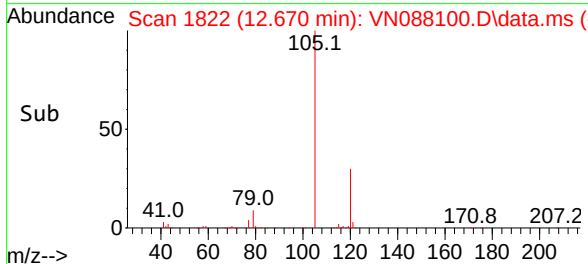
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 109019
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3

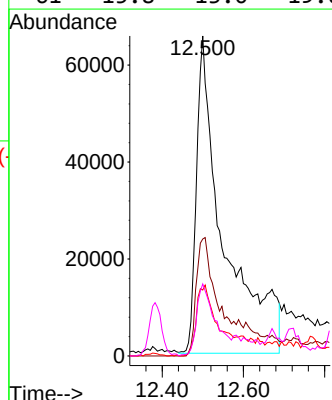
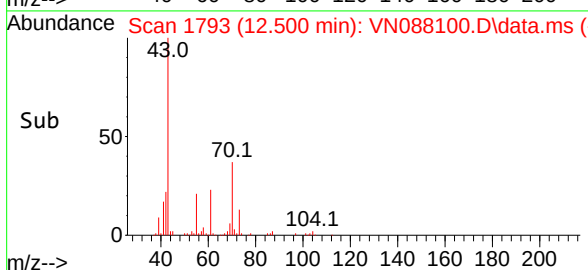
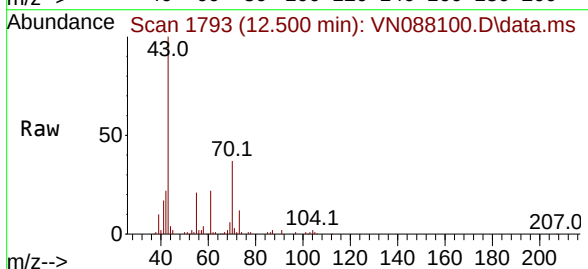
Manual Integrations
APPROVED

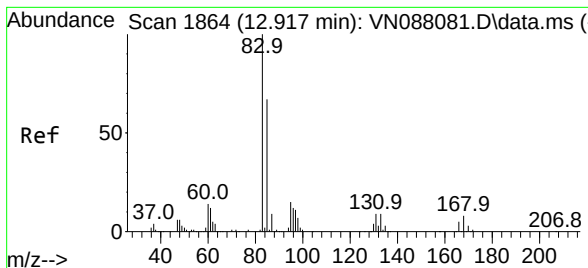
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#74
N-ethyl acetate
Concen: 52.051 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

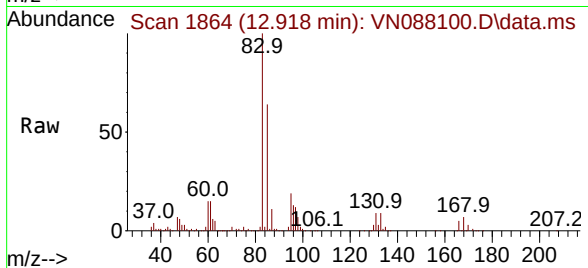
Tgt Ion: 43 Resp: 304256
Ion Ratio Lower Upper
43 100
70 31.4 27.6 41.4
55 17.7 13.0 19.6
61 15.8 13.0 19.6





#75
1,1,2,2-Tetrachloroethane
Concen: 51.736 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

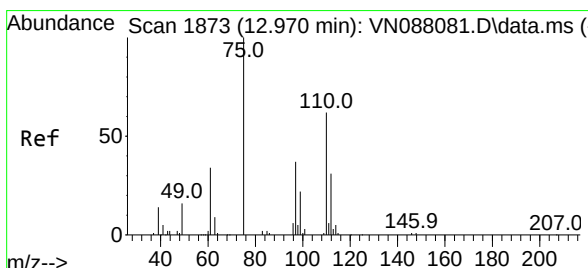
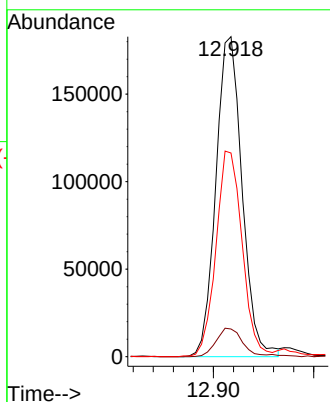
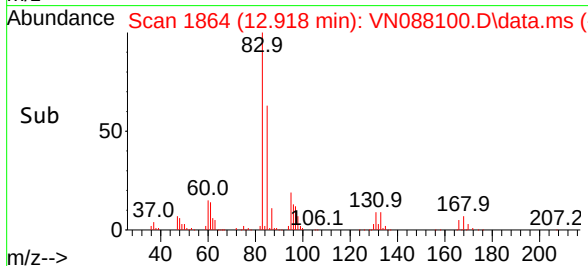
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



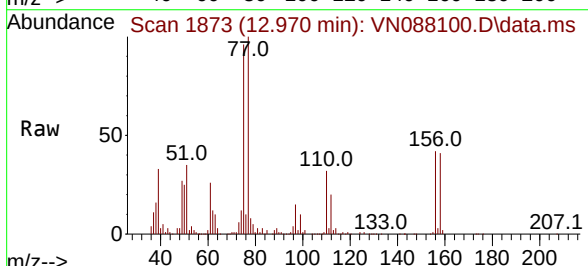
Tgt Ion: 83 Resp: 331660
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 64.1 32.1 96.3

Manual Integrations
APPROVED

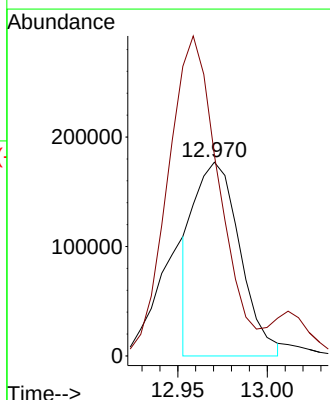
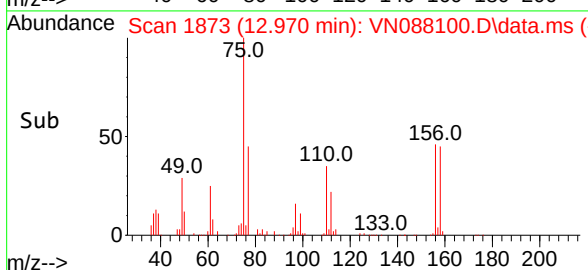
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

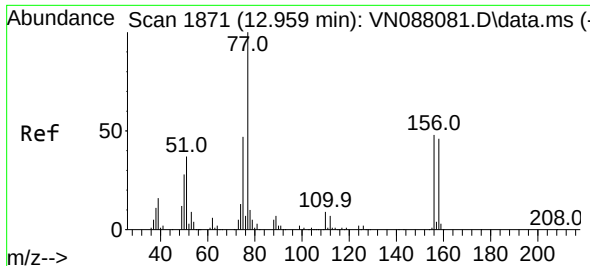


#76
1,2,3-Trichloropropane
Concen: 51.871 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



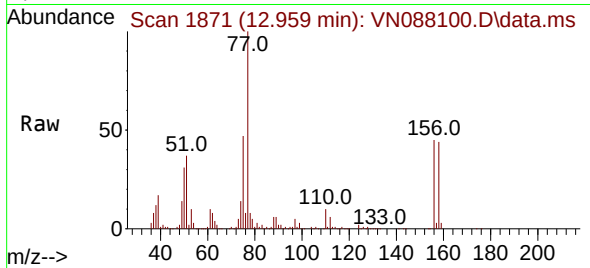
Tgt Ion: 75 Resp: 316618
Ion Ratio Lower Upper
75 100
77 184.3 89.1 267.4





#77
Bromobenzene
Concen: 53.586 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

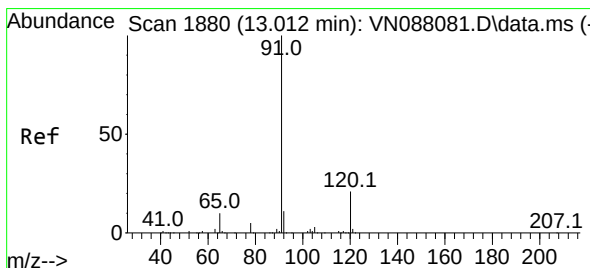
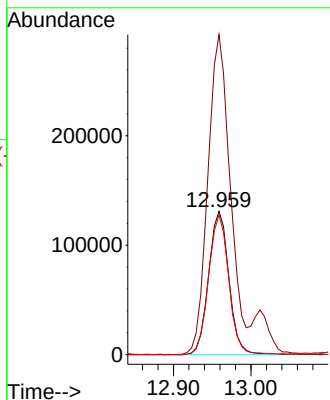
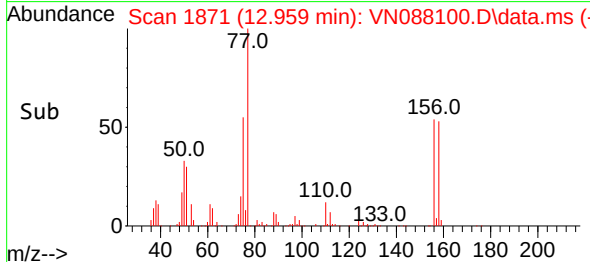
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 23793
Ion Ratio Lower Upper
156 100
77 245.2 119.3 358.0
158 97.2 48.2 144.6

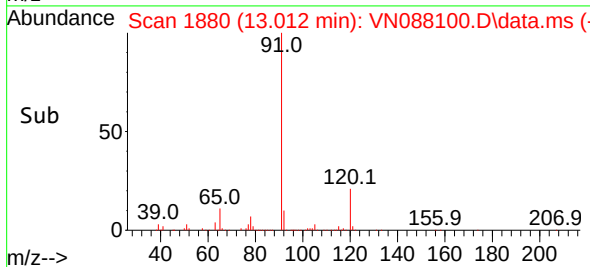
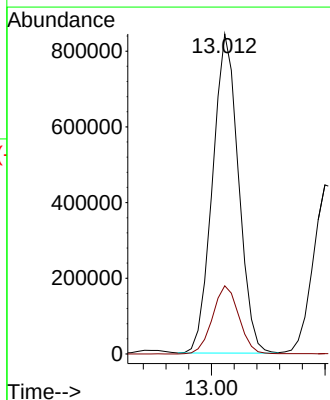
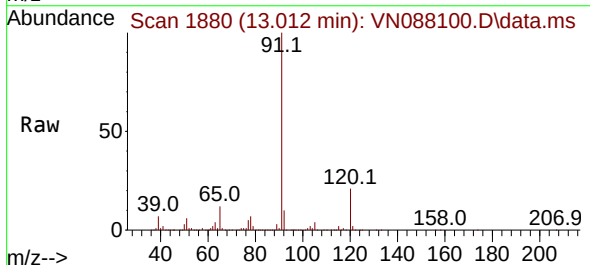
Manual Integrations
APPROVED

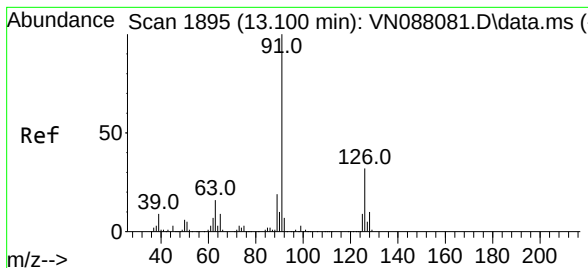
Reviewed By :John Carbone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#78
n-propylbenzene
Concen: 53.250 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 91 Resp: 1338102
Ion Ratio Lower Upper
91 100
120 21.7 10.7 32.1





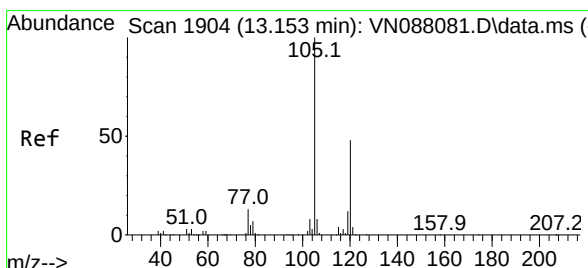
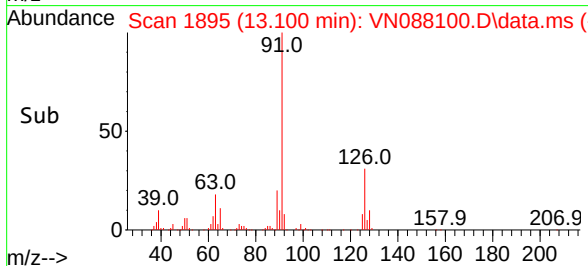
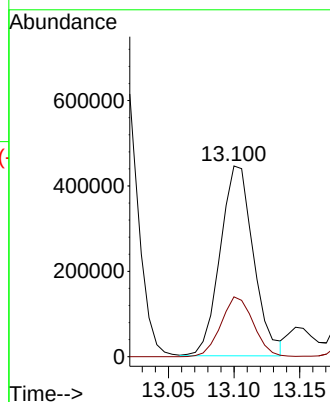
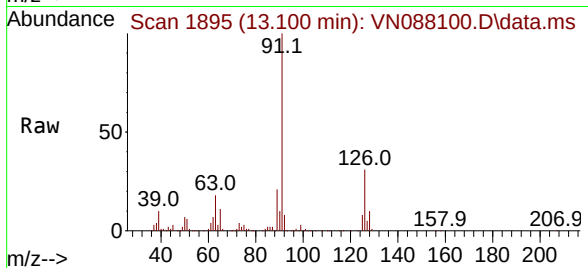
#79
2-Chlorotoluene
Concen: 54.956 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 787534
Ion Ratio Lower Upper
91 100
126 30.6 16.1 48.3

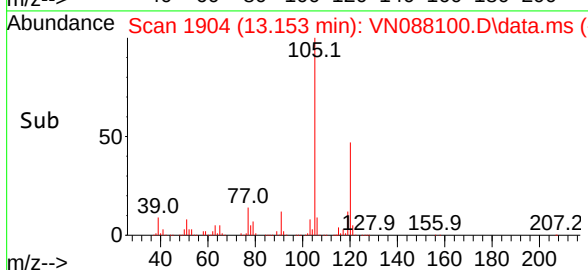
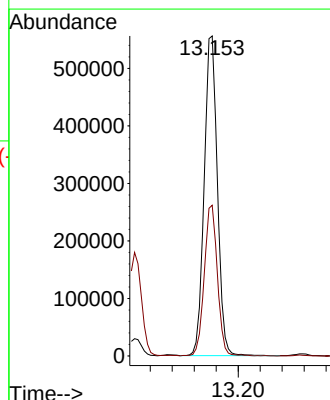
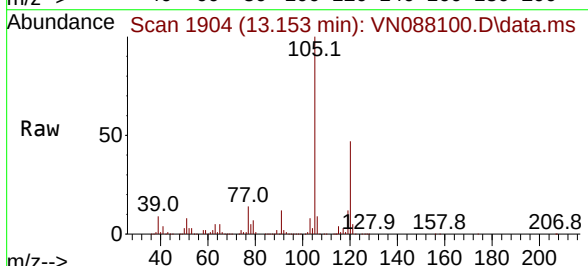
Manual Integrations
APPROVED

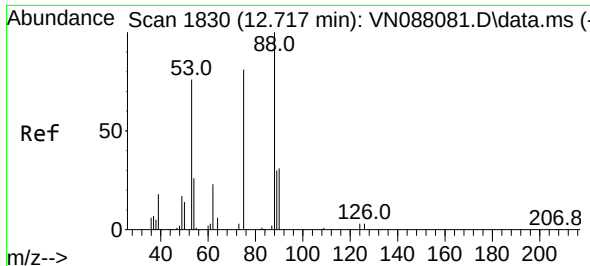
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.156 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

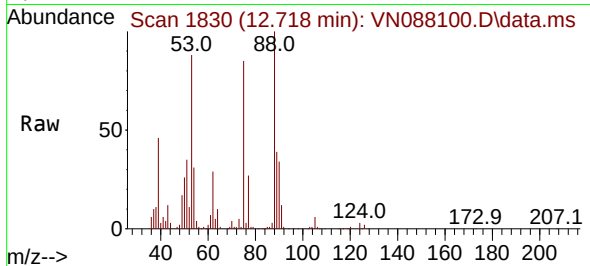
Tgt Ion:105 Resp: 926126
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.460 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

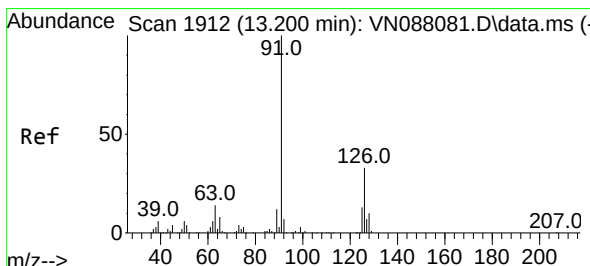
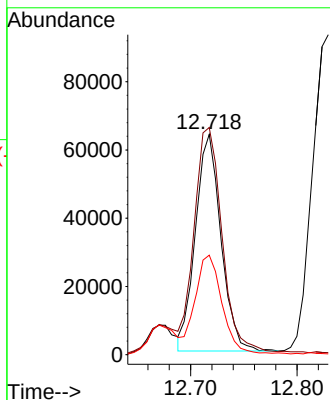
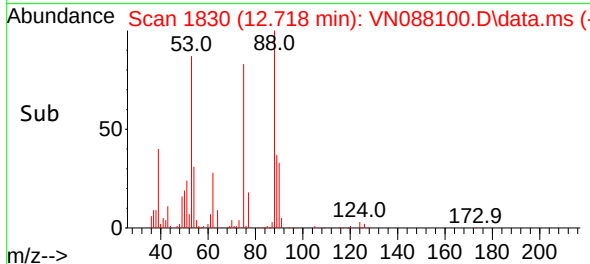
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 10603
Ion Ratio Lower Upper
75 100
53 114.4 101.8 152.6
89 49.9 35.6 53.4

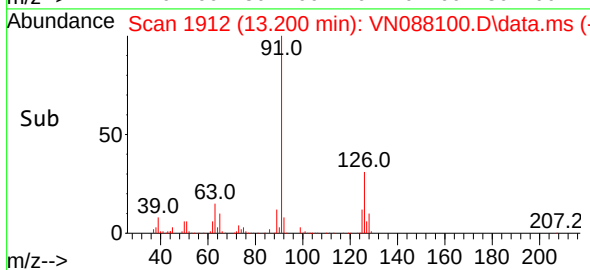
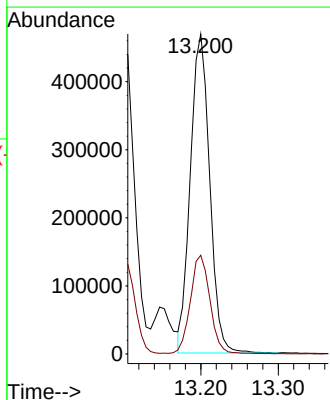
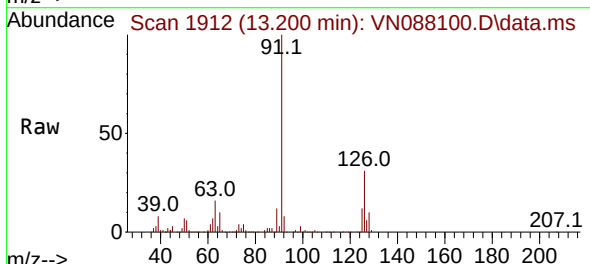
Manual Integrations
APPROVED

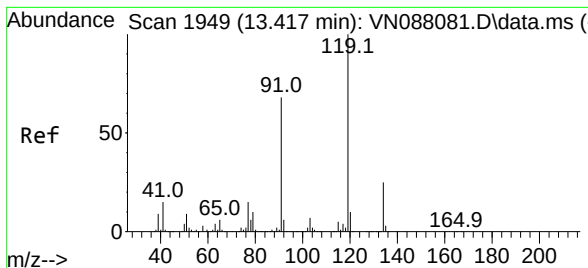
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#82
4-Chlorotoluene
Concen: 52.502 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

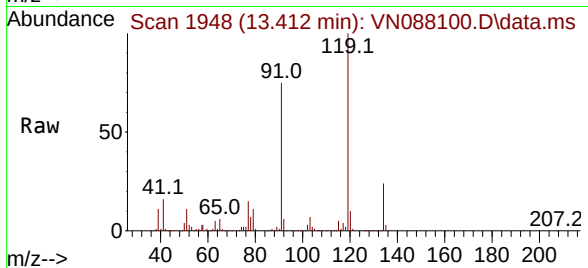
Tgt Ion: 91 Resp: 813984
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.8





#83
tert-Butylbenzene
Concen: 52.550 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

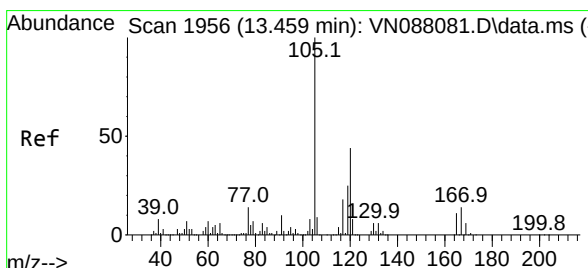
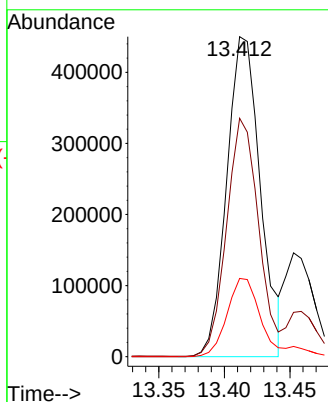
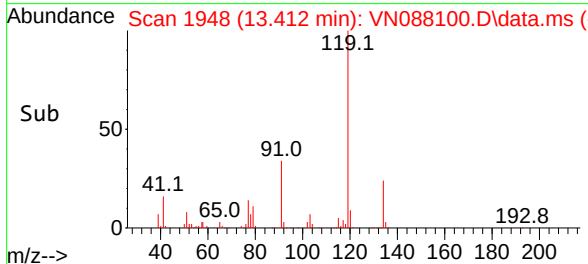
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



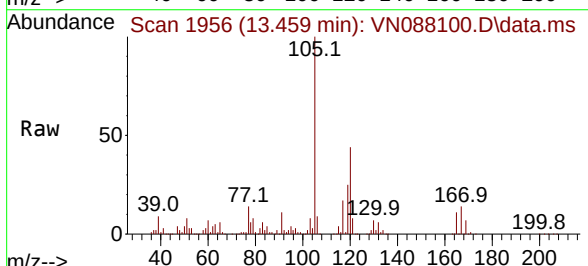
Tgt Ion:119 Resp: 802780
Ion Ratio Lower Upper
119 100
91 70.7 35.0 105.0
134 25.9 12.6 37.8

Manual Integrations
APPROVED

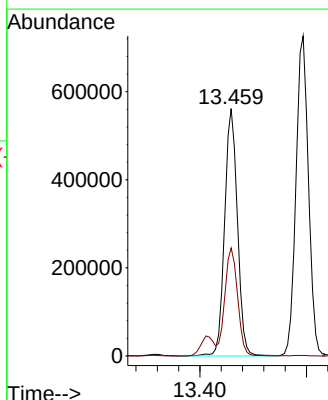
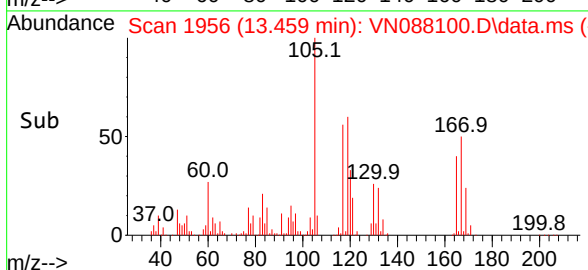
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

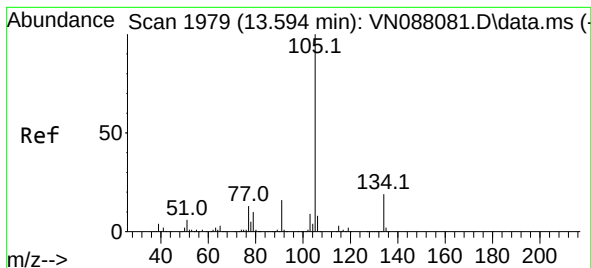


#84
1,2,4-Trimethylbenzene
Concen: 54.743 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



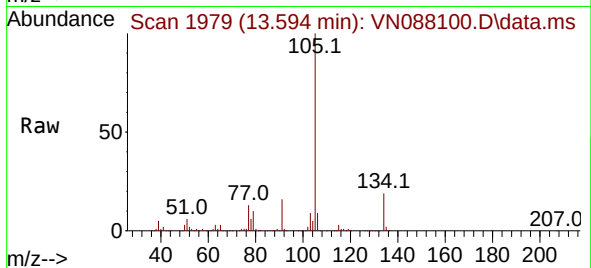
Tgt Ion:105 Resp: 936651
Ion Ratio Lower Upper
105 100
120 43.5 22.0 66.0





#85
sec-Butylbenzene
Concen: 52.621 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

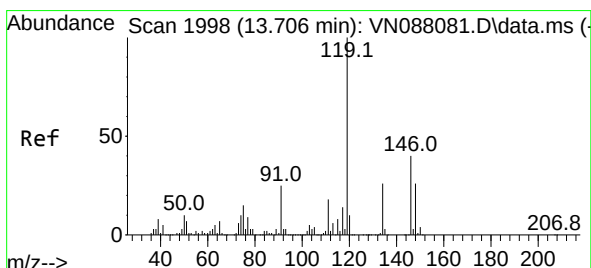
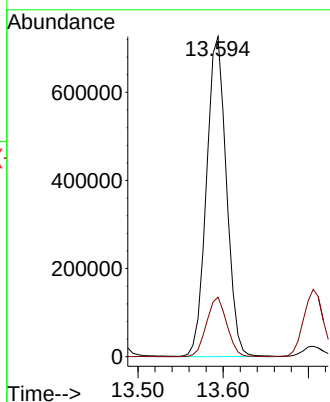
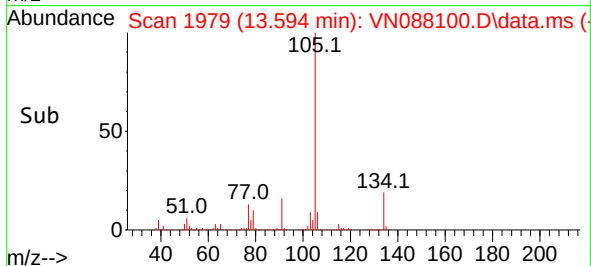
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



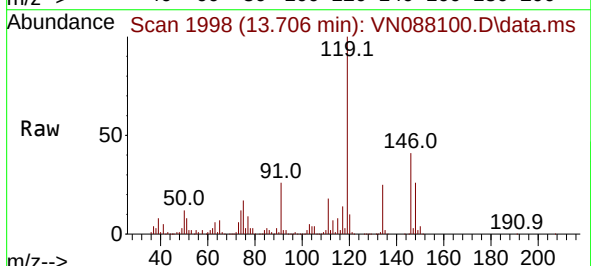
Tgt Ion:105 Resp: 118103
Ion Ratio Lower Upper
105 100
134 19.0 9.6 28.6

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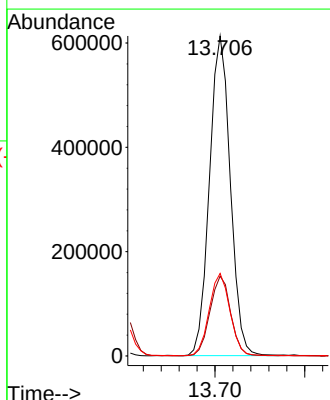
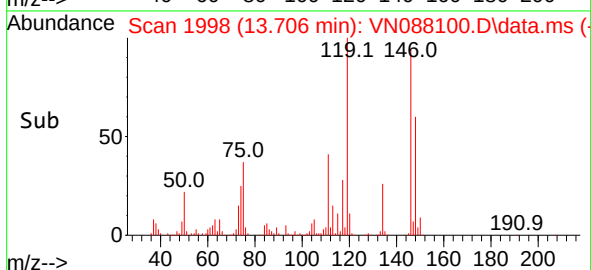
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

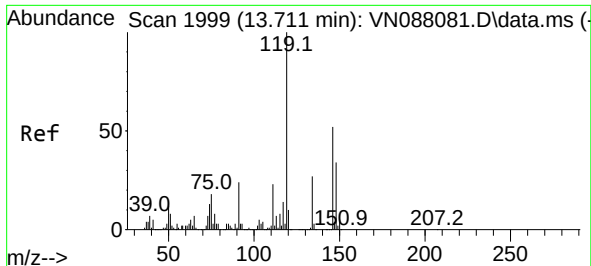


#86
p-Isopropyltoluene
Concen: 54.823 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



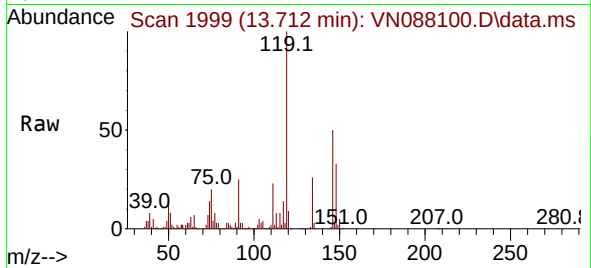
Tgt Ion:119 Resp: 987085
Ion Ratio Lower Upper
119 100
134 24.9 12.7 38.0
91 25.5 12.5 37.5





#87
 1,3-Dichlorobenzene
 Concen: 52.923 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088100.D
 Acq: 24 Oct 2025 17:22

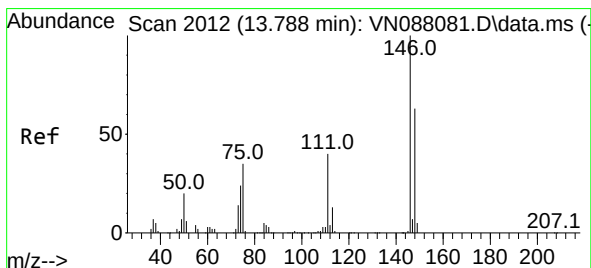
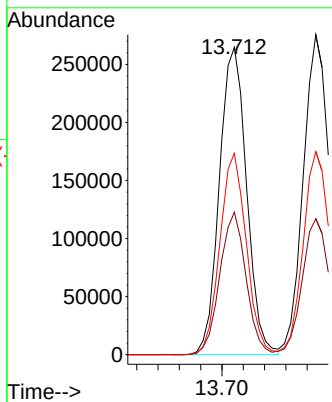
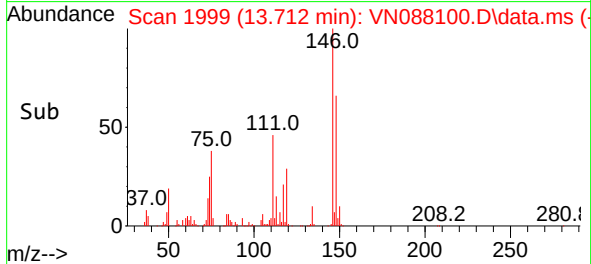
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



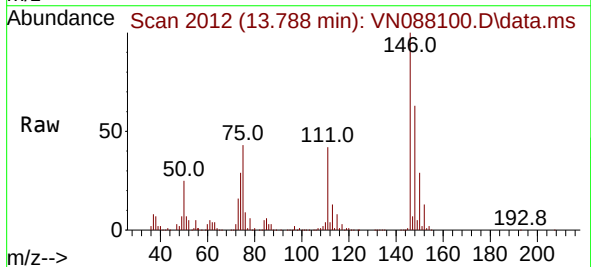
Tgt Ion:146 Resp: 46911
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.1 66.5
 148 63.9 32.0 96.2

Manual Integrations
 APPROVED

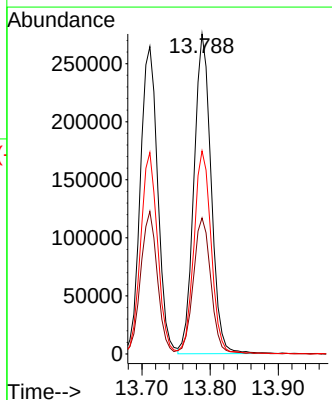
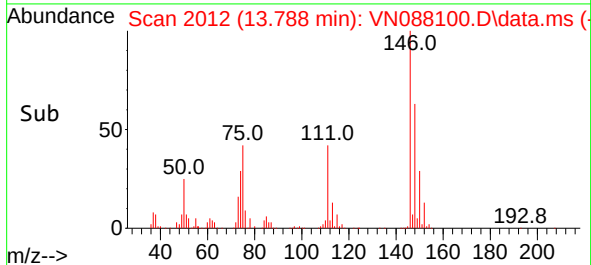
Reviewed By :John Carlone 10/27/2025
 Supervised By :Semsettin Yesilyurt 10/27/2025

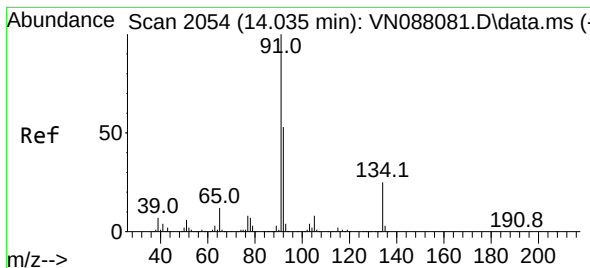


#88
 1,4-Dichlorobenzene
 Concen: 50.439 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN088100.D
 Acq: 24 Oct 2025 17:22



Tgt Ion:146 Resp: 480199
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.0 63.0
 148 63.9 32.0 96.0





#89

n-Butylbenzene

Concen: 53.770 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

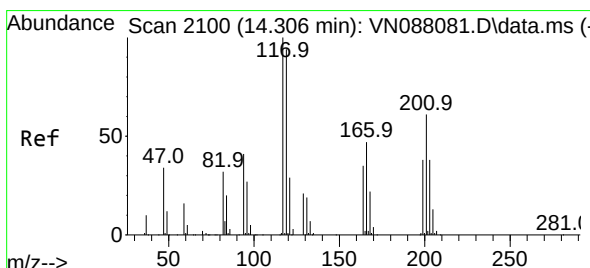
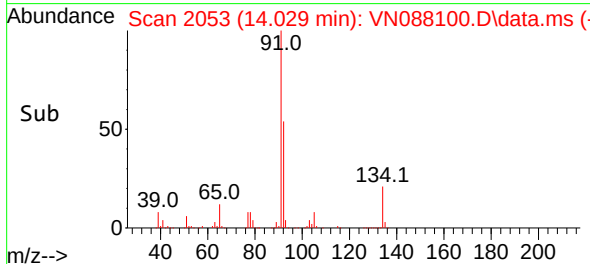
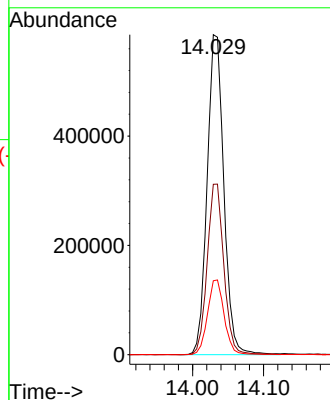
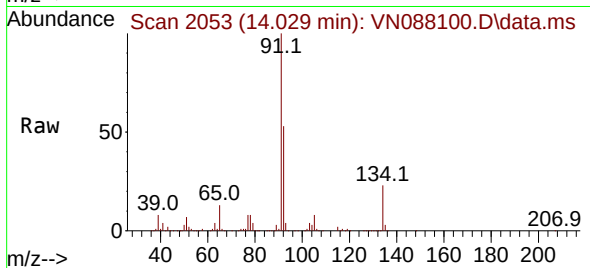
Tgt Ion: 91 Resp: 958979
 Ion Ratio Lower Upper
 91 100
 92 53.1 25.9 77.8
 134 23.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2025

Supervised By :Semsettin Yesilyurt 10/27/2025



#90

Hexachloroethane

Concen: 51.854 ug/l

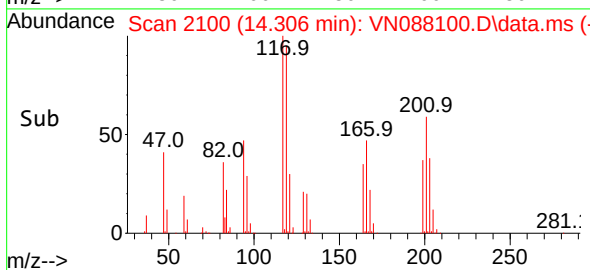
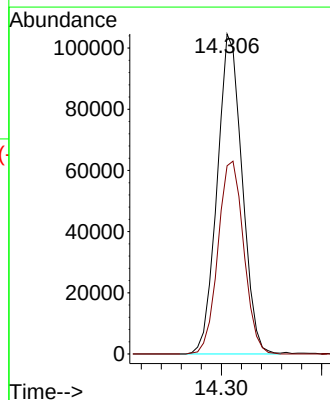
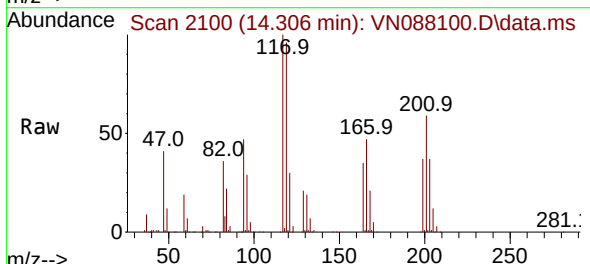
RT: 14.306 min Scan# 2100

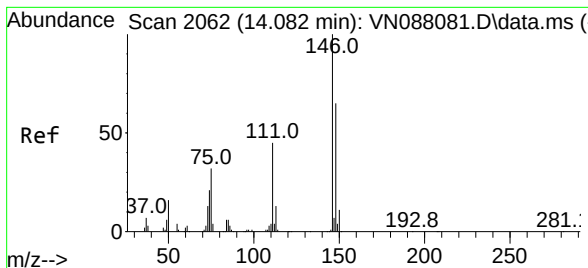
Delta R.T. -0.006 min

Lab File: VN088100.D

Acq: 24 Oct 2025 17:22

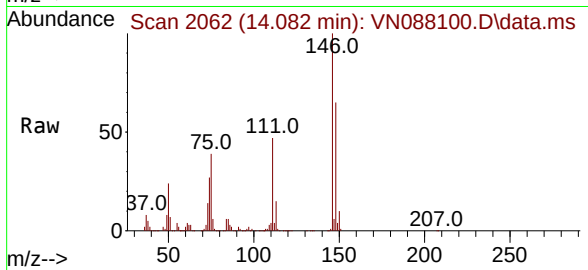
Tgt Ion:117 Resp: 180798
 Ion Ratio Lower Upper
 117 100
 201 62.0 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 52.130 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

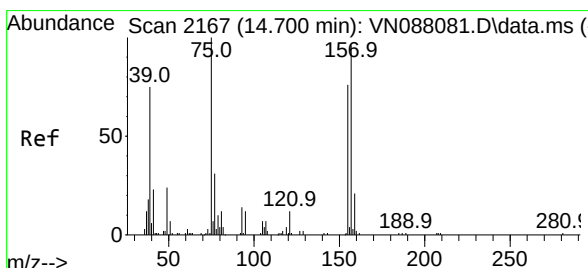
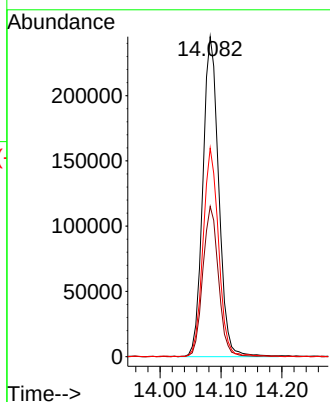
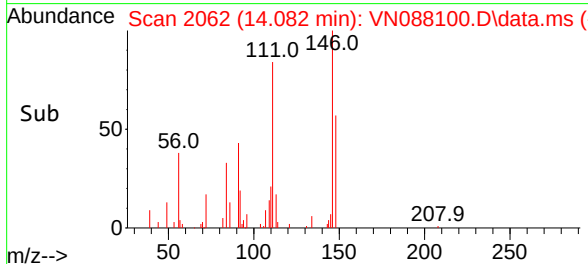
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 445429
Ion Ratio Lower Upper
146 100
111 46.1 22.6 67.8
148 63.8 31.9 95.9

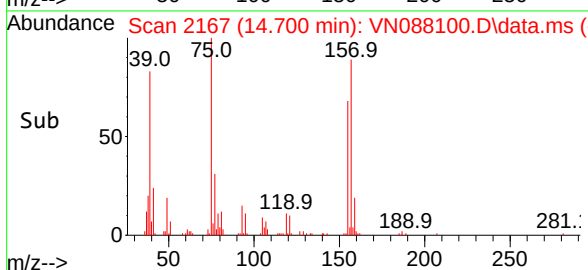
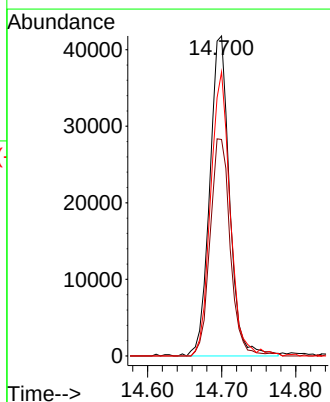
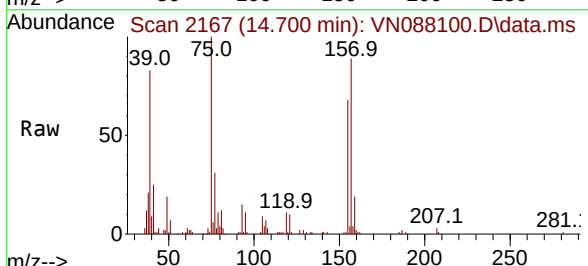
Manual Integrations
APPROVED

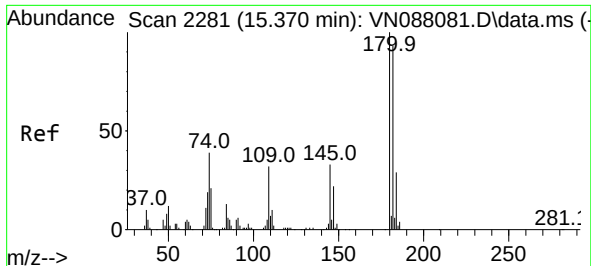
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.973 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

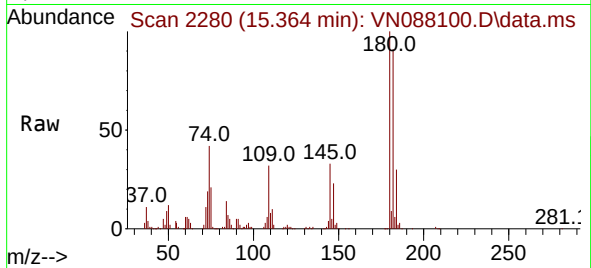
Tgt Ion: 75 Resp: 77550
Ion Ratio Lower Upper
75 100
155 68.6 36.6 109.9
157 87.7 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 52.871 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

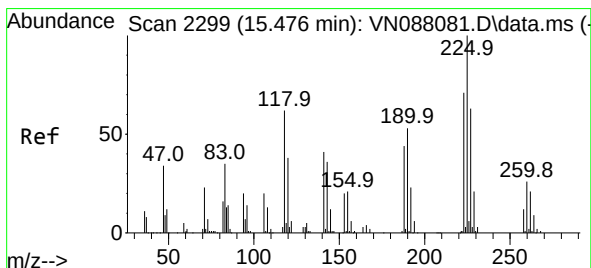
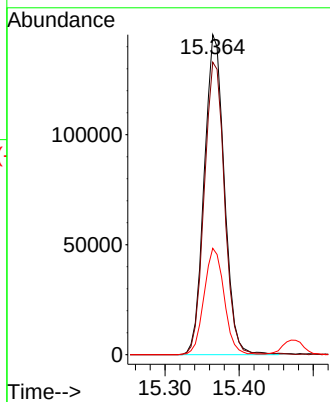
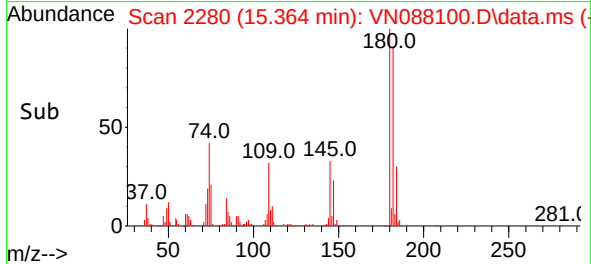
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



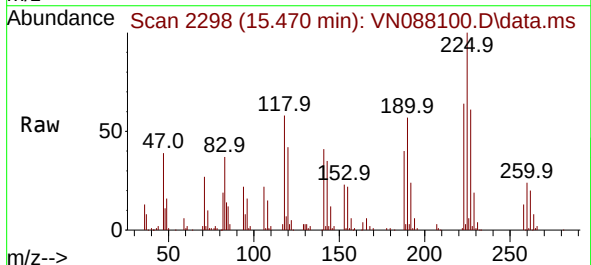
Tgt Ion:180 Resp: 27359
Ion Ratio Lower Upper
180 100
182 92.2 47.6 142.9
145 33.4 16.5 49.5

Manual Integrations
APPROVED

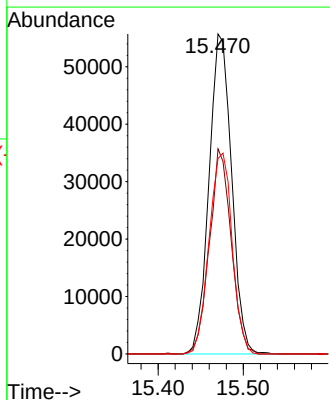
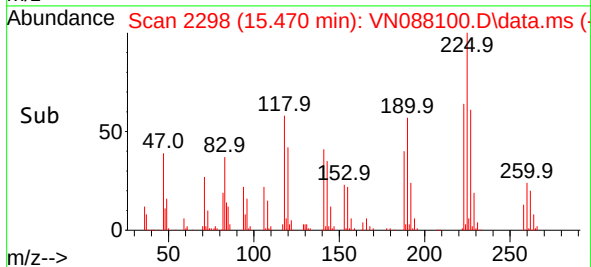
Reviewed By :John Carlone 10/27/2025
Supervised By :Semsettin Yesilyurt 10/27/2025

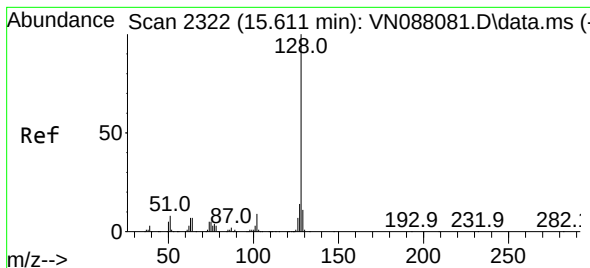


#94
Hexachlorobutadiene
Concen: 53.171 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



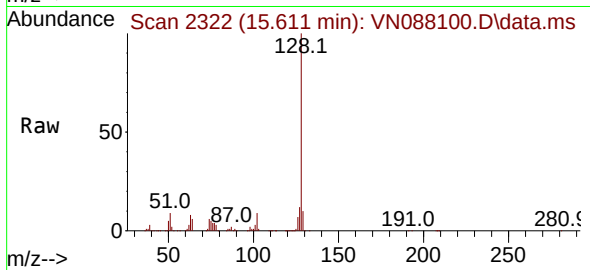
Tgt Ion:225 Resp: 102462
Ion Ratio Lower Upper
225 100
223 61.7 32.0 96.2
227 64.3 32.1 96.5





#95
Naphthalene
Concen: 51.262 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22

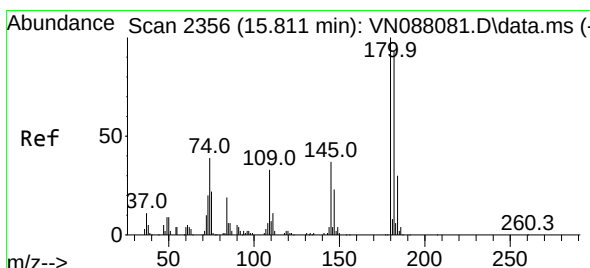
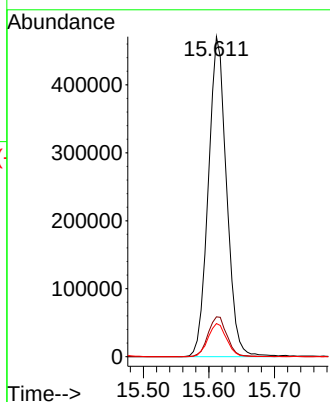
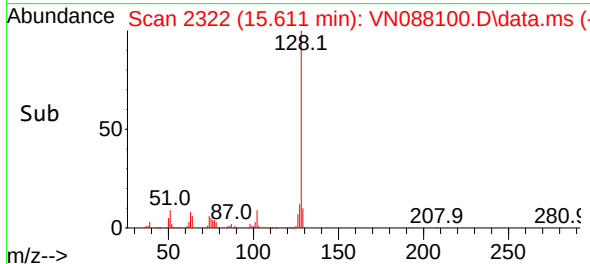
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



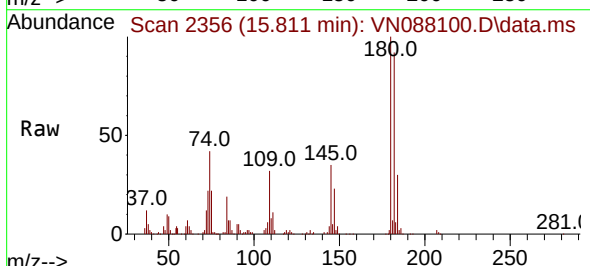
Tgt Ion:128 Resp: 90873
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.6 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.481 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088100.D
Acq: 24 Oct 2025 17:22



Tgt Ion:180 Resp: 255435
Ion Ratio Lower Upper
180 100
182 95.4 46.8 140.3
145 36.2 17.3 52.0

