

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102025\
 Data File : VN088072.D
 Acq On : 20 Oct 2025 08:52
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 21 05:34:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	63726	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	362466	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	325295	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	161531	32.552	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.500%			
60) 4-Bromofluorobenzene	12.829	95	159804	29.799	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.333%			
63) Toluene-d8	10.547	98	446523	30.809	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	80003	21.918	ug/l	91
3) Chloromethane	2.383	50	82731	19.992	ug/l	97
4) Vinyl Chloride	2.536	62	89098	20.649	ug/l	98
5) Bromomethane	2.983	94	51124	22.034	ug/l	95
6) Chloroethane	3.142	64	62867	22.087	ug/l	94
7) Trichlorofluoromethane	3.512	101	136939	23.338	ug/l	99
8) Diethyl Ether	3.965	74	55914	21.090	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	70080	22.311	ug/l	81
10) 1,1-Dichloroethene	4.336	96	70811	21.134	ug/l	99
11) Methyl Iodide	4.577	142	51497	16.676	ug/l	94
12) Methyl Acetate	5.018	43	116645	21.414	ug/l #	82
13) Acrolein	4.171	56	61550	73.018	ug/l #	2
14) Acrylonitrile	5.706	53	254729	96.903	ug/l	99
15) Acetone	4.418	58	70682	91.815	ug/l	87
16) Carbon Disulfide	4.706	76	206839	19.692	ug/l	95
17) Allyl chloride	5.012	41	127700	20.198	ug/l	98
18) Methylene Chloride	5.259	84	82361	19.340	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	76196	19.669	ug/l	88
20) Diisopropyl ether	6.653	45	292084	20.292	ug/l	98
21) 1,1-Dichloroethane	6.553	63	154307	20.593	ug/l	95
22) cis-1,2-Dichloroethene	7.477	96	96556	19.911	ug/l	97
23) tert-Butyl Alcohol	5.512	59	96312	91.354	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	286064	19.779	ug/l	99
25) Chloroform	7.947	83	156842	20.283	ug/l	100
26) Cyclohexane	8.241	56	129471	20.854	ug/l #	91
29) 1,1-Dichloropropene	8.353	75	107889	20.766	ug/l	96
30) 2-Butanone	7.471	43	358564	93.573	ug/l	98
31) 2,2-Dichloropropane	7.471	77	144018	21.513	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	136339	21.001	ug/l	98
33) Carbon Tetrachloride	8.341	117	115927	21.318	ug/l	99
34) Benzene	8.588	78	340745	19.772	ug/l	98
35) Methacrylonitrile	7.765	41	77127	19.140	ug/l	97
36) 1,2-Dichloroethane	8.647	62	125450	20.969	ug/l	98
37) Trichloroethene	9.335	130	77911	19.082	ug/l	96
38) Methylcyclohexane	9.582	83	131494	20.494	ug/l	96
39) 1,2-Dichloropropane	9.600	63	85704	19.834	ug/l	98
40) Dibromomethane	9.688	93	62463	19.858	ug/l	93
41) Bromodichloromethane	9.865	83	128973	20.076	ug/l	97
42) Vinyl Acetate	6.588	43	1206232	92.402	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102025\
 Data File : VN088072.D
 Acq On : 20 Oct 2025 08:52
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

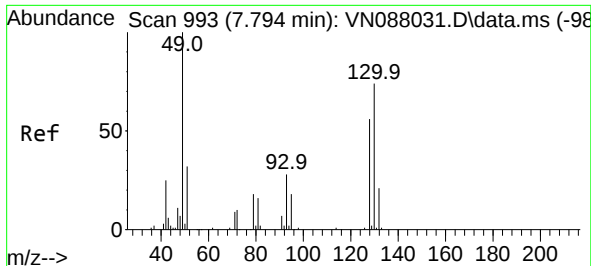
Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2025
 Supervised By : Semsettin Yesilyurt 10/21/2025

Quant Time: Oct 21 05:34:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	147783	20.063	ug/l	98
44) Isopropyl Acetate	8.671	43	230525	19.161	ug/l	99
45) 1,4-Dioxane	9.682	88	31429	392.783	ug/l #	95
46) Methyl methacrylate	9.665	41	90825	17.143	ug/l	96
47) n-amyl Acetate	12.576	43	131674m	23.091	ug/l	
48) t-1,3-Dichloropropene	10.818	75	139436	19.520	ug/l	98
49) cis-1,3-Dichloropropene	10.294	75	145645	19.546	ug/l	92
50) 1,1,2-Trichloroethane	10.994	97	80339	19.287	ug/l	94
51) Ethyl methacrylate	10.853	69	134305	19.052	ug/l	95
52) 1,3-Dichloropropane	11.141	76	143752	19.780	ug/l	99
53) Dibromochloromethane	11.341	129	98131	19.706	ug/l	97
54) 1,2-Dibromoethane	11.447	107	86411	19.404	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	368632	96.878	ug/l	99
56) Bromoform	12.559	173	61257	18.195	ug/l	97
58) 4-Methyl-2-Pentanone	10.424	43	704411	96.812	ug/l	98
59) 2-Hexanone	11.176	43	456860	95.101	ug/l	99
61) Tetrachloroethene	11.082	164	62742	19.047	ug/l	95
62) Toluene	10.606	91	363252	19.686	ug/l	99
64) Chlorobenzene	11.871	112	230771	19.581	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.935	131	79692	19.621	ug/l	98
66) Ethyl Benzene	11.941	91	399110	19.892	ug/l	100
67) m/p-Xylenes	12.047	106	304711	39.395	ug/l	99
68) o-Xylene	12.376	106	145451	18.890	ug/l	93
69) Styrene	12.388	104	245082	19.241	ug/l	98
70) Isopropylbenzene	12.670	105	377646	20.011	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	123484	19.300	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	123985m	20.866	ug/l	
73) Bromobenzene	12.959	156	85045	18.438	ug/l	90
74) n-propylbenzene	13.012	91	465597	20.437	ug/l	98
75) 2-Chlorotoluene	13.106	91	279953	20.097	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	316376	19.736	ug/l	97
77) t-1,4-Dichloro-2-butene	12.718	75	43352	18.307	ug/l	94
78) 4-Chlorotoluene	13.200	91	289399	20.449	ug/l	95
79) tert-butylbenzene	13.417	119	276106	19.868	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	321547	20.037	ug/l	97
81) sec-Butylbenzene	13.594	105	405651	20.761	ug/l	97
82) p-Isopropyltoluene	13.706	119	336823	20.191	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	167629	19.315	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	171003	19.106	ug/l	98
85) n-Butylbenzene	14.035	91	325847	20.996	ug/l	97
86) Hexachloroethane	14.306	117	68161	20.397	ug/l	87
87) 1,2-Dichlorobenzene	14.082	146	159365	18.669	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	27995	19.052	ug/l	90
89) 1,2,4-Trichlorobenzene	15.811	180	89076	17.519	ug/l	98
90) Hexachlorobutadiene	15.476	225	33669	19.026	ug/l	98
91) Naphthalene	15.611	128	335656	18.031	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	89076	17.519	ug/l	98

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



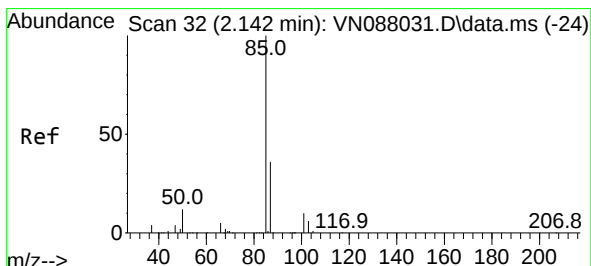
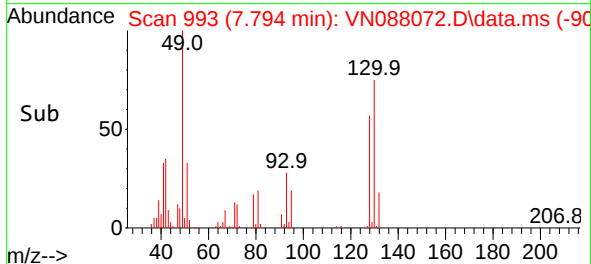
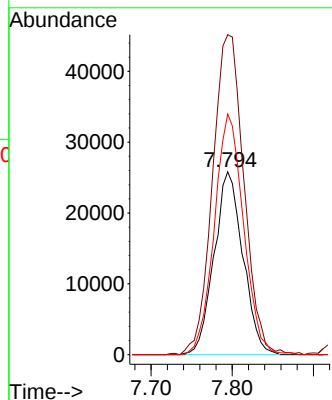
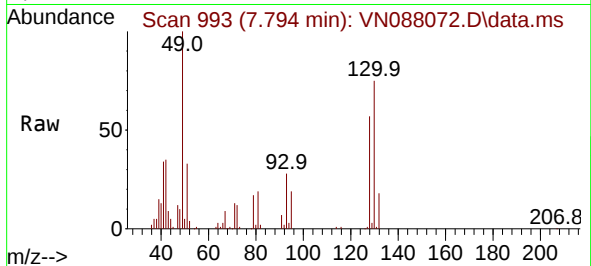
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 63720
Ion Ratio Lower Upper
128 100
49 190.1 0.0 439.8
130 133.2 0.0 325.8

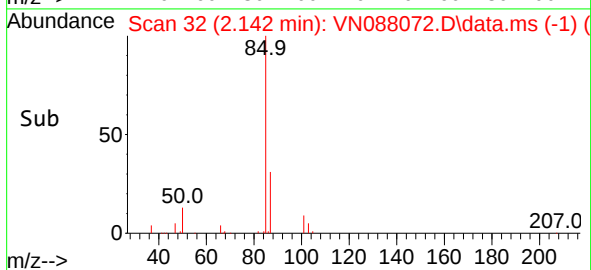
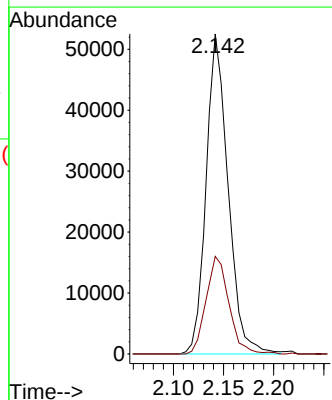
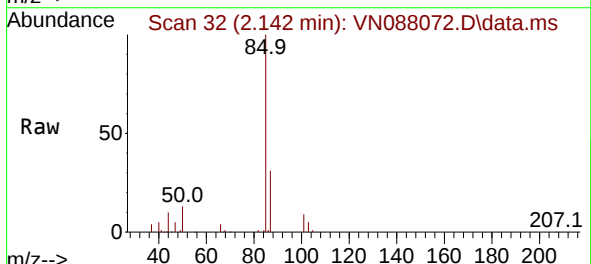
Manual Integrations
APPROVED

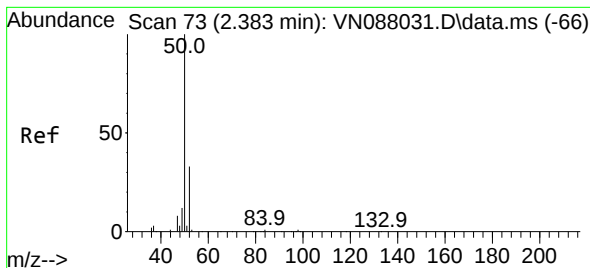
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#2
Dichlorodifluoromethane
Concen: 21.918 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

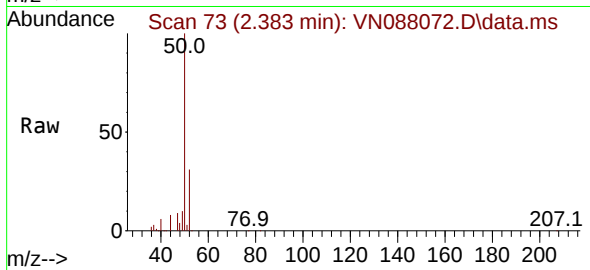
Tgt Ion: 85 Resp: 80003
Ion Ratio Lower Upper
85 100
87 30.5 17.9 53.8





#3
Chloromethane
Concen: 19.992 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

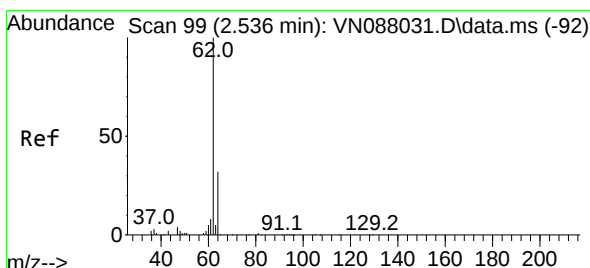
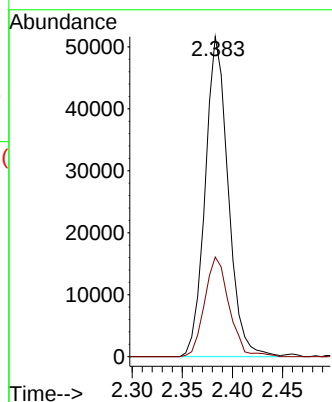
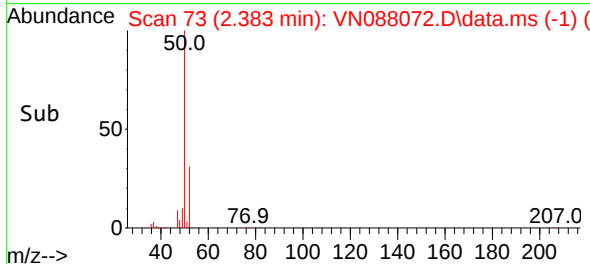
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 50 Resp: 8273
Ion Ratio Lower Upper
50 100
52 31.2 26.3 39.5

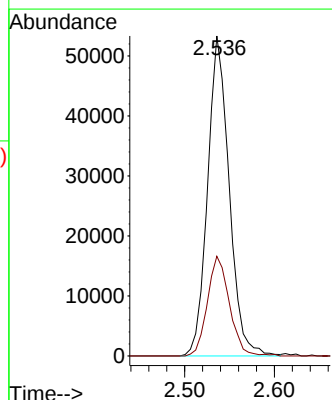
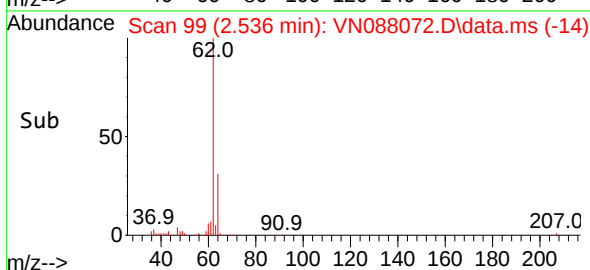
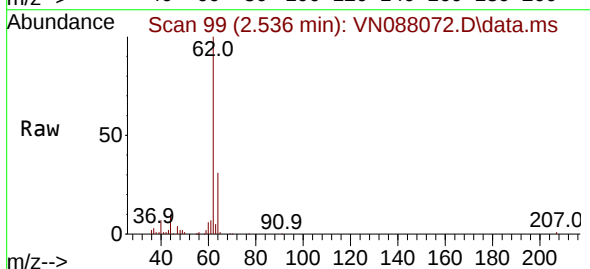
Manual Integrations
APPROVED

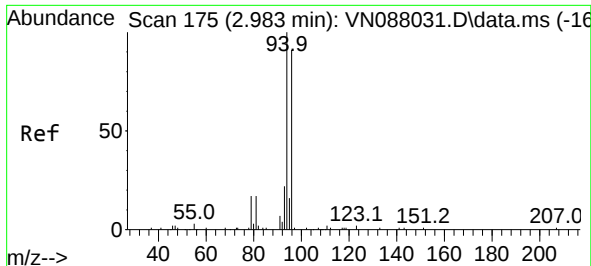
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#4
Vinyl Chloride
Concen: 20.649 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

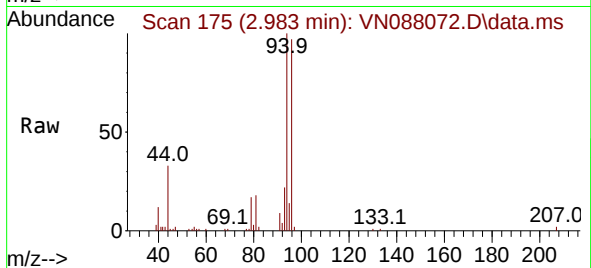
Tgt Ion: 62 Resp: 89098
Ion Ratio Lower Upper
62 100
64 31.2 25.7 38.5





#5
Bromomethane
Concen: 22.034 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

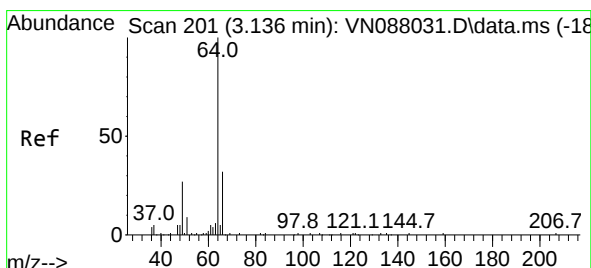
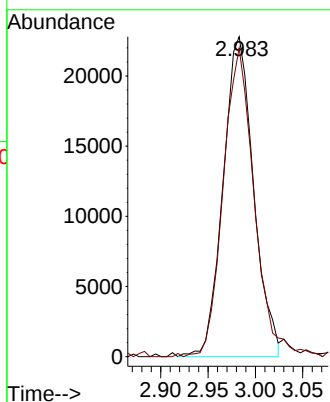
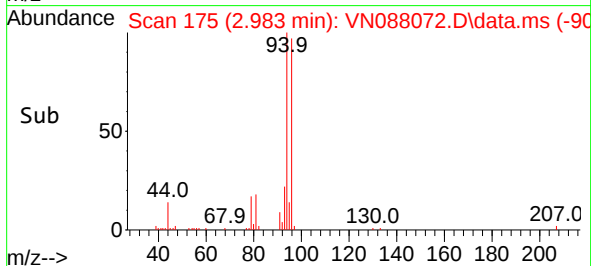
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



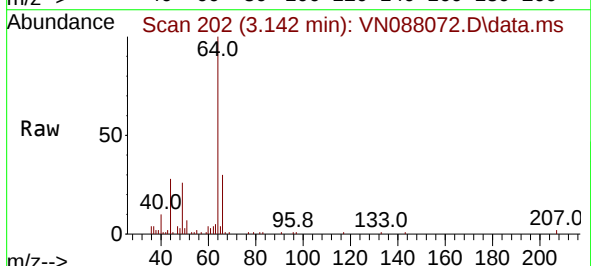
Tgt Ion: 94 Resp: 51124
Ion Ratio Lower Upper
94 100
96 95.5 73.0 109.4

Manual Integrations
APPROVED

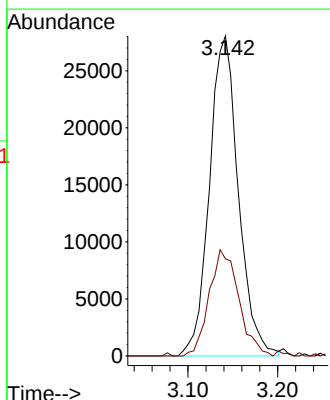
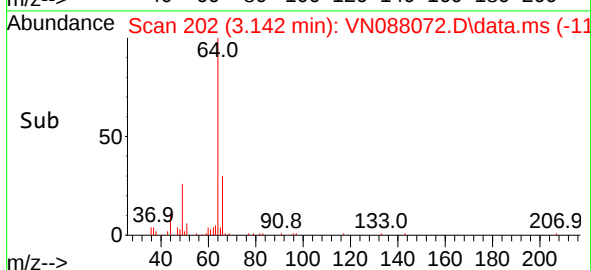
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

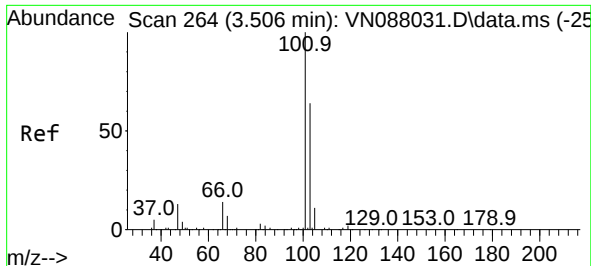


#6
Chloroethane
Concen: 22.087 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



Tgt Ion: 64 Resp: 62867
Ion Ratio Lower Upper
64 100
66 30.4 26.8 40.2





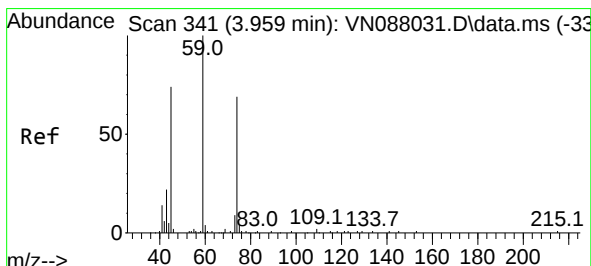
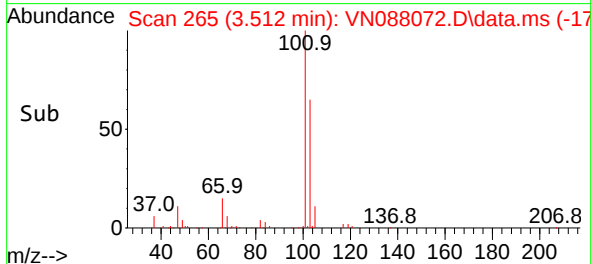
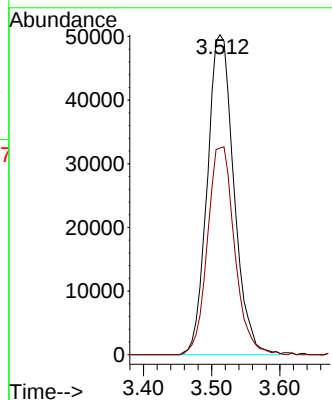
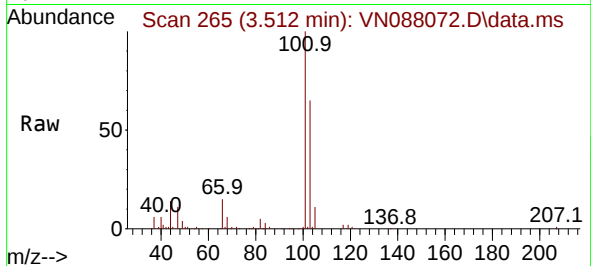
#7
Trichlorofluoromethane
Concen: 23.338 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 136939
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

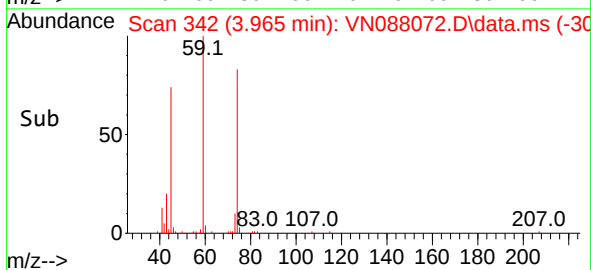
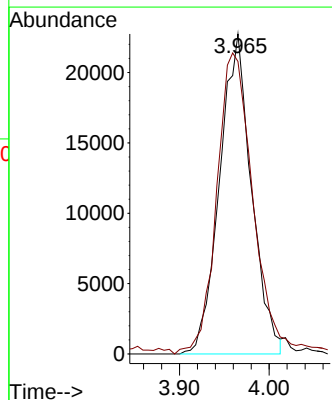
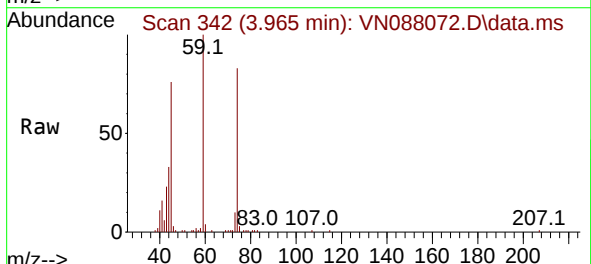
Manual Integrations
APPROVED

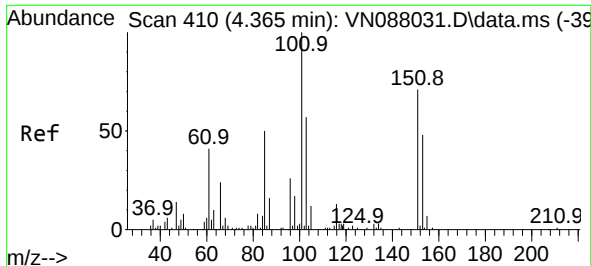
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#8
Diethyl Ether
Concen: 21.090 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion: 74 Resp: 55914
Ion Ratio Lower Upper
74 100
45 106.4 20.4 183.8





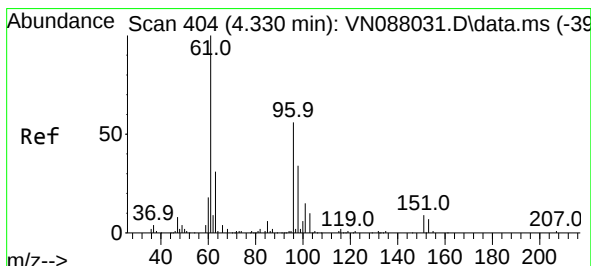
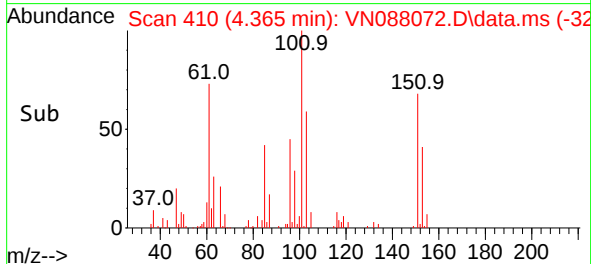
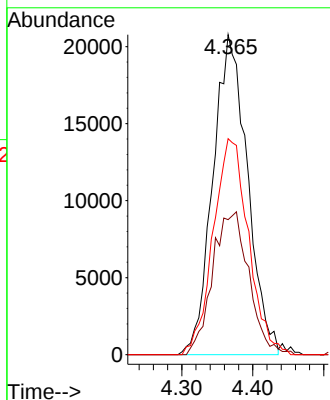
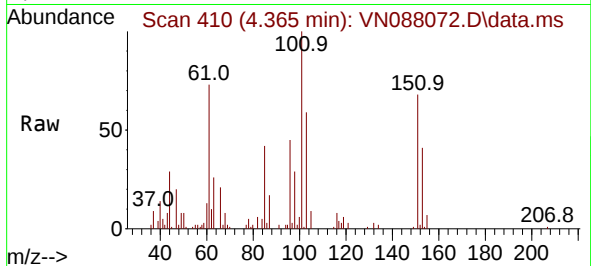
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.311 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 70080
Ion Ratio Lower Upper
101 100
85 22.7 0.0 103.2
151 69.1 0.0 141.4

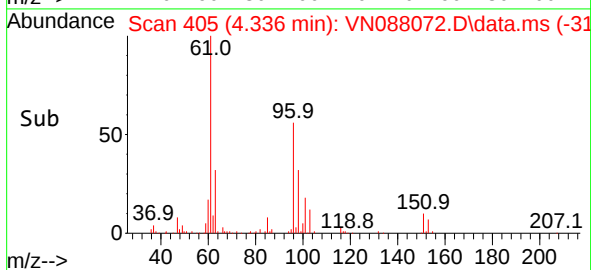
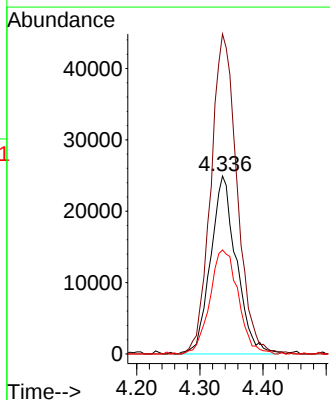
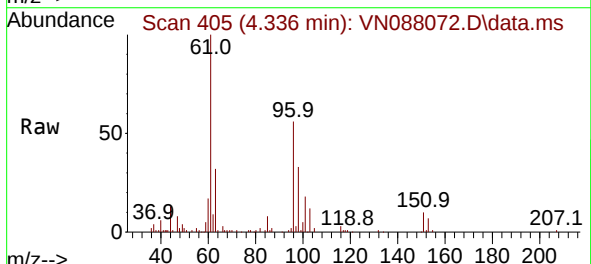
Manual Integrations
APPROVED

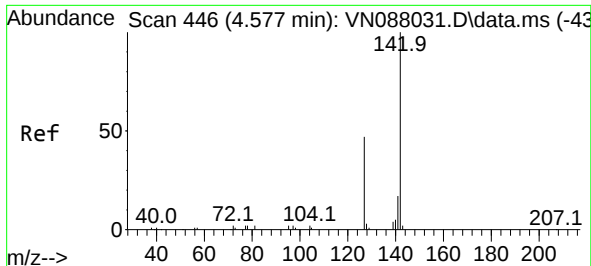
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#10
1,1-Dichloroethene
Concen: 21.134 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

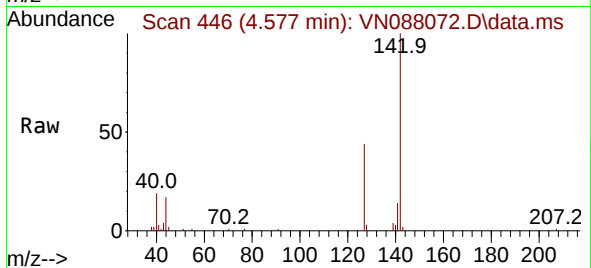
Tgt Ion: 96 Resp: 70811
Ion Ratio Lower Upper
96 100
61 179.9 144.1 216.1
98 58.5 49.0 73.6





#11
Methyl Iodide
Concen: 16.676 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

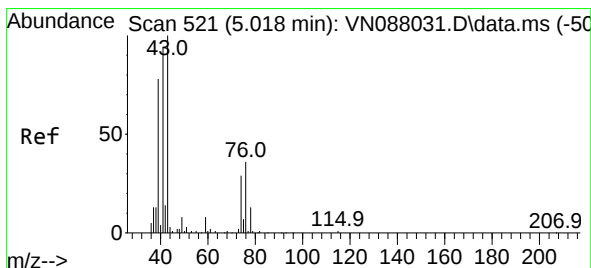
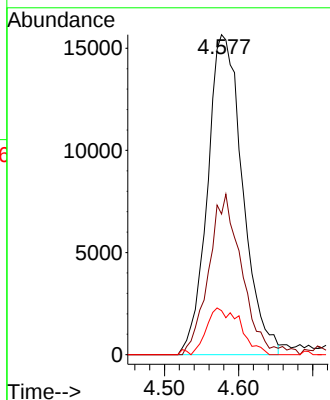
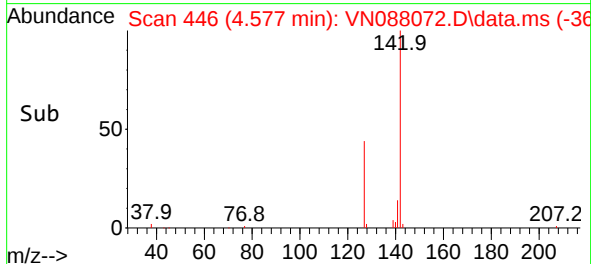
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 5149
Ion Ratio Lower Upper
142 100
127 43.6 23.4 70.3
141 13.9 8.8 26.2

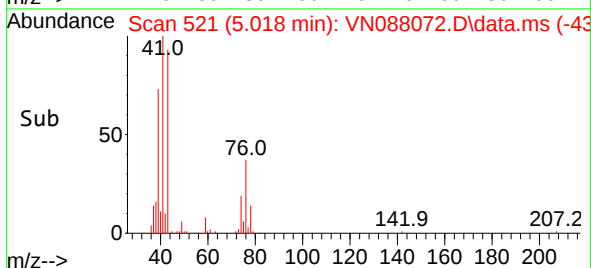
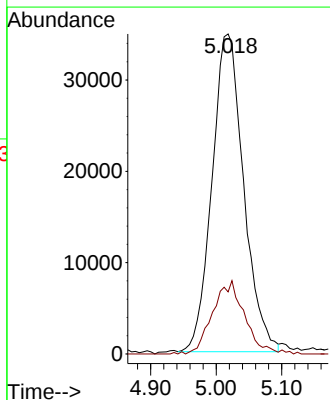
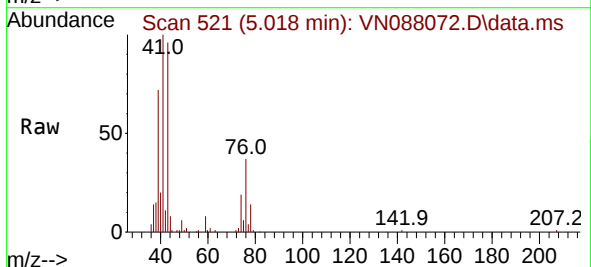
Manual Integrations
APPROVED

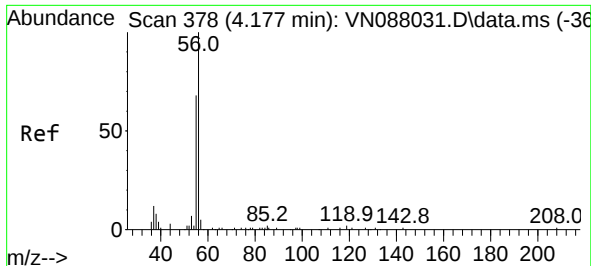
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#12
Methyl Acetate
Concen: 21.414 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion: 43 Resp: 116645
Ion Ratio Lower Upper
43 100
74 19.5 23.3 34.9#





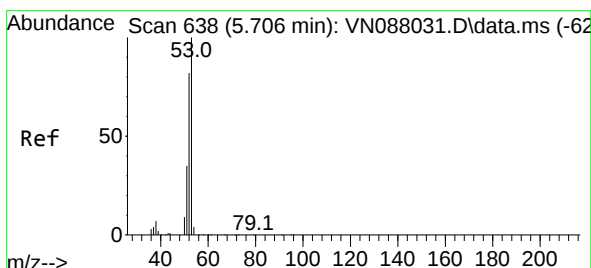
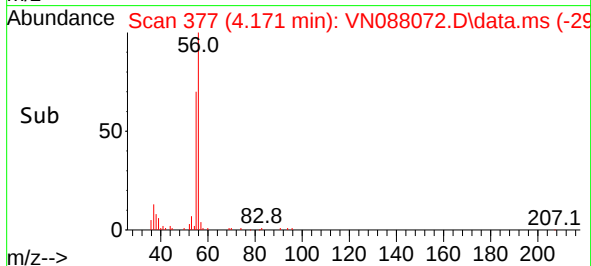
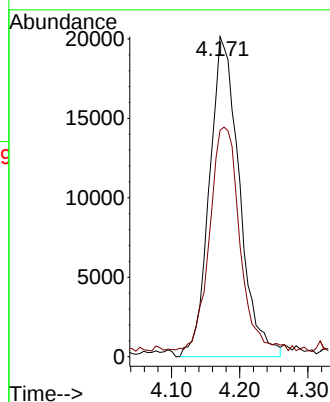
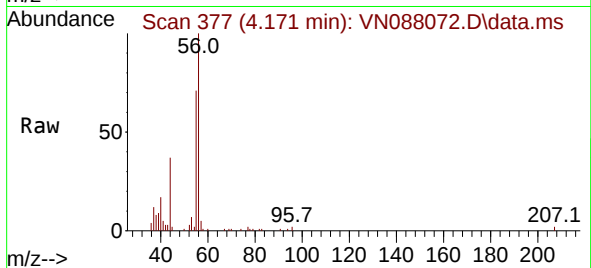
#13
Acrolein
Concen: 73.018 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 56 Resp: 61550
Ion Ratio Lower Upper
56 100
55 73.8 0.3 0.5

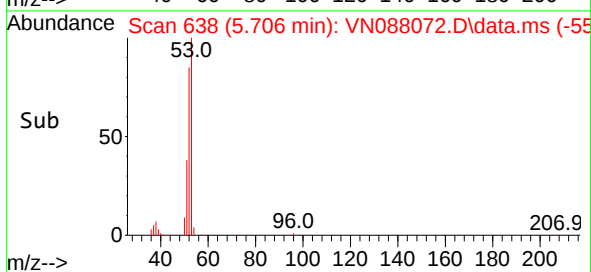
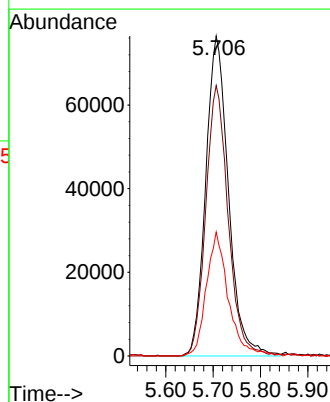
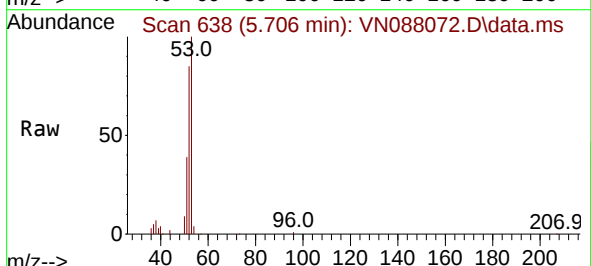
Manual Integrations
APPROVED

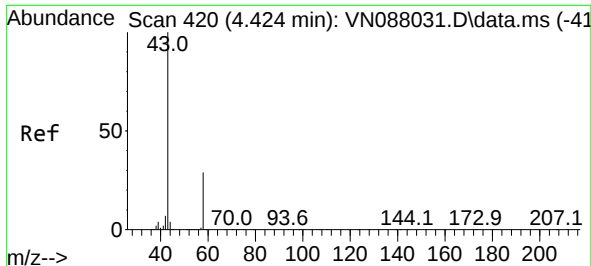
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#14
Acrylonitrile
Concen: 96.903 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

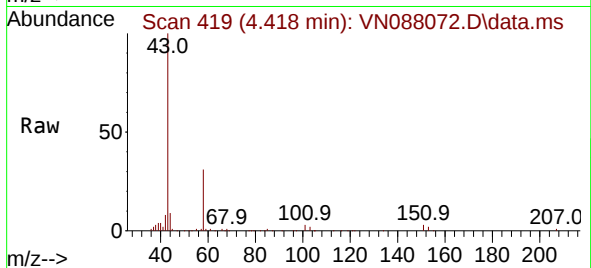
Tgt Ion: 53 Resp: 254729
Ion Ratio Lower Upper
53 100
52 83.1 41.3 124.1
51 36.8 18.0 54.0





#15
Acetone
Concen: 91.815 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

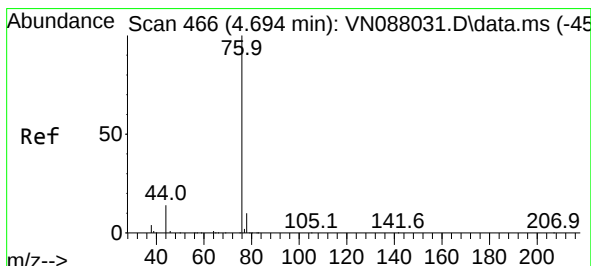
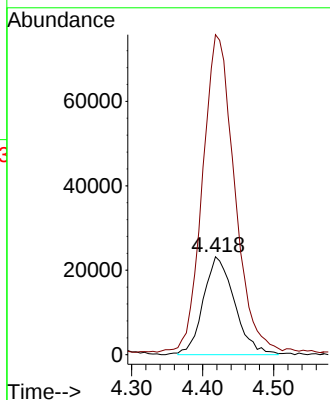
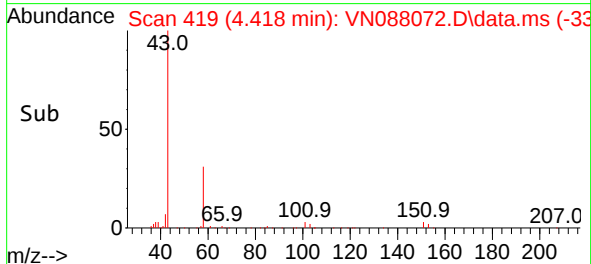
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



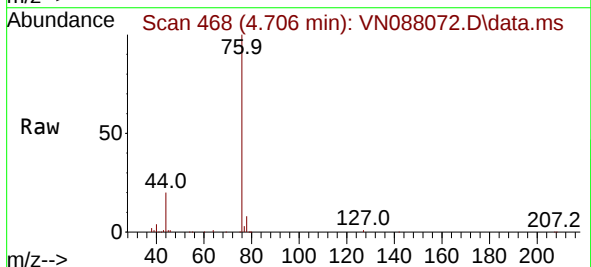
Tgt Ion: 58 Resp: 70682
Ion Ratio Lower Upper
58 100
43 323.8 282.6 424.0

Manual Integrations
APPROVED

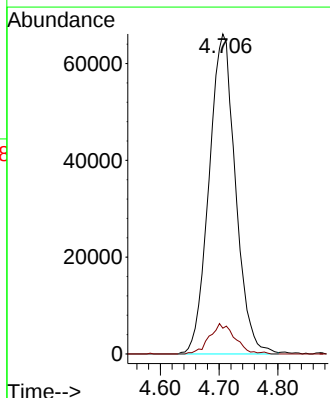
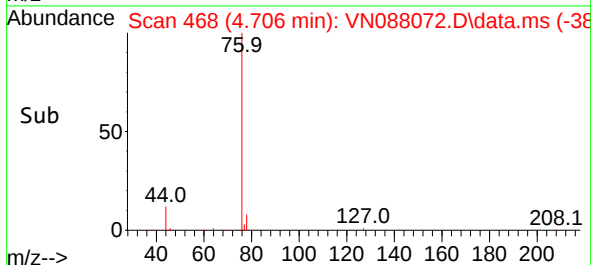
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

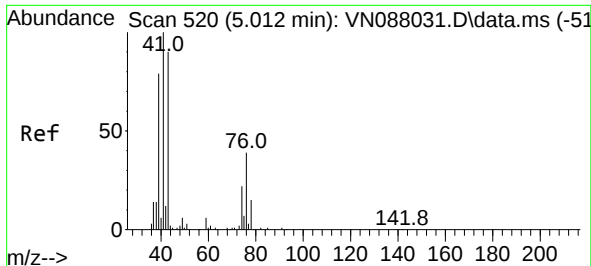


#16
Carbon Disulfide
Concen: 19.692 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



Tgt Ion: 76 Resp: 206839
Ion Ratio Lower Upper
76 100
78 8.1 7.8 11.8





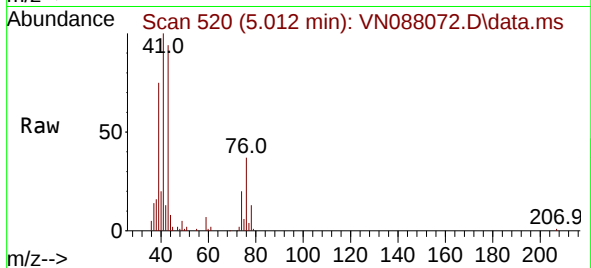
#17
Allyl chloride
Concen: 20.198 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :

MSVOA_N

ClientSampleId :

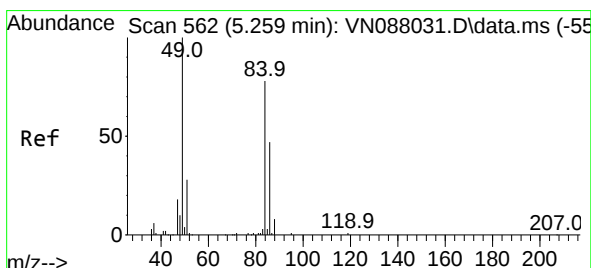
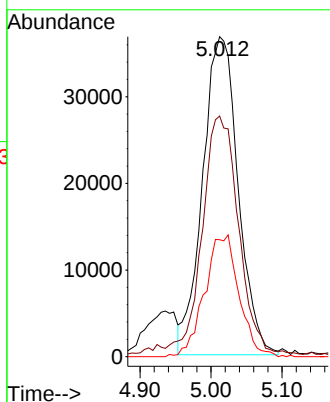
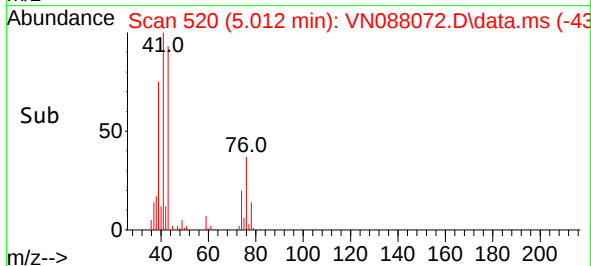
VSTDCCC020



Tgt Ion: 41 Resp: 127700
Ion Ratio Lower Upper
41 100
39 74.9 36.4 109.2
76 37.2 18.1 54.1

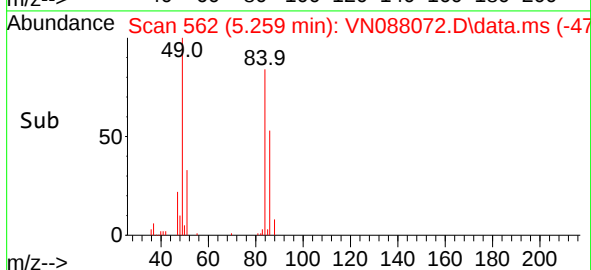
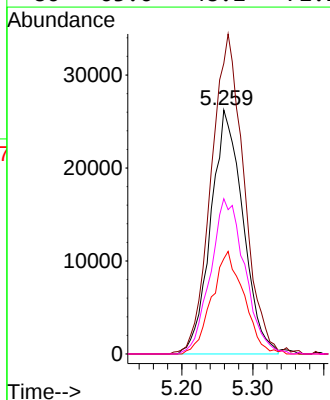
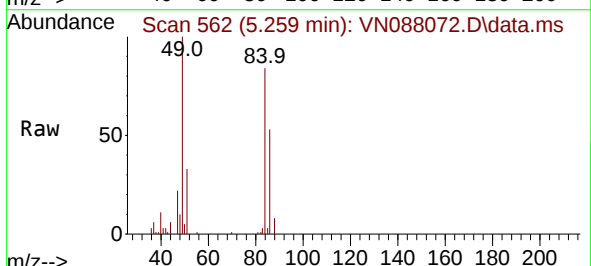
Manual Integrations
APPROVED

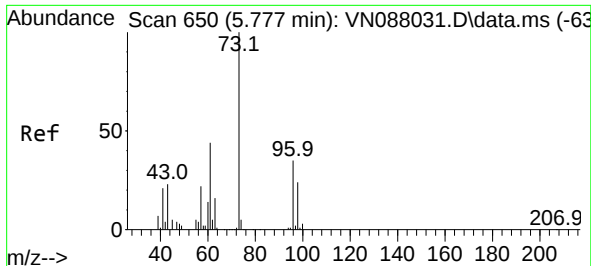
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#18
Methylene Chloride
Concen: 19.340 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

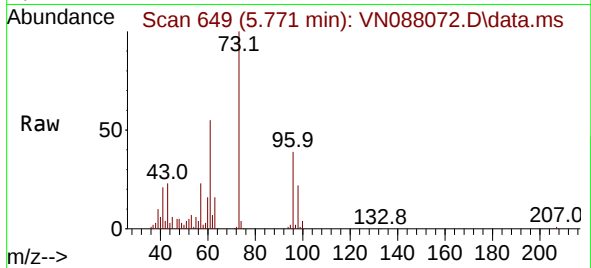
Tgt Ion: 84 Resp: 82361
Ion Ratio Lower Upper
84 100
49 118.1 102.6 153.8
51 39.1 28.6 42.8
86 63.6 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 19.669 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

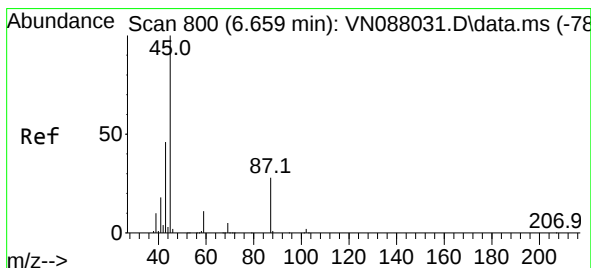
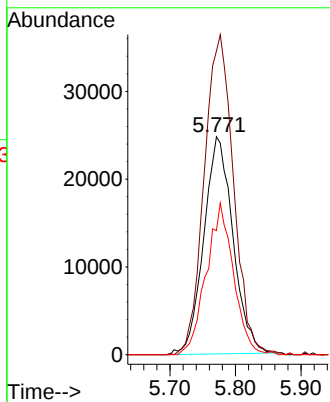
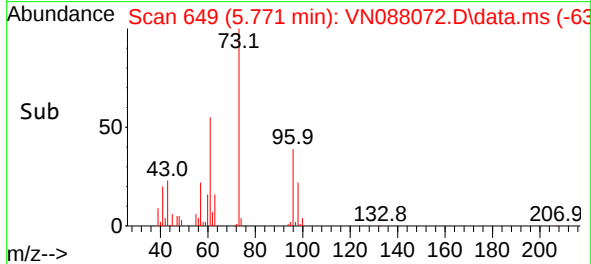
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 76190
Ion Ratio Lower Upper
96 100
61 139.5 100.6 151.0
98 57.5 54.0 81.0

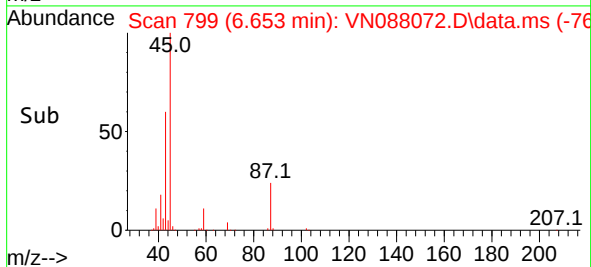
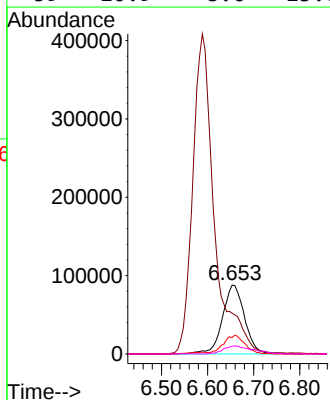
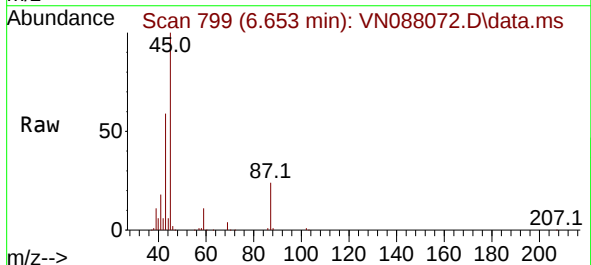
Manual Integrations
APPROVED

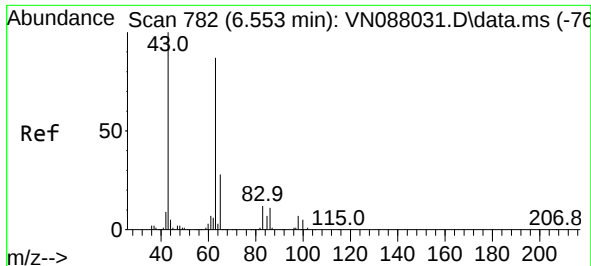
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#20
Diisopropyl ether
Concen: 20.292 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

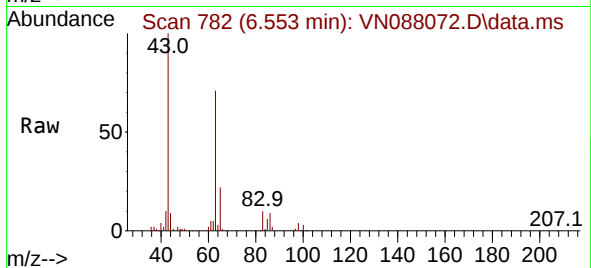
Tgt Ion: 45 Resp: 292084
Ion Ratio Lower Upper
45 100
43 57.6 46.1 69.1
87 24.0 22.3 33.5
59 10.9 8.6 13.0





#21
1,1-Dichloroethane
Concen: 20.593 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

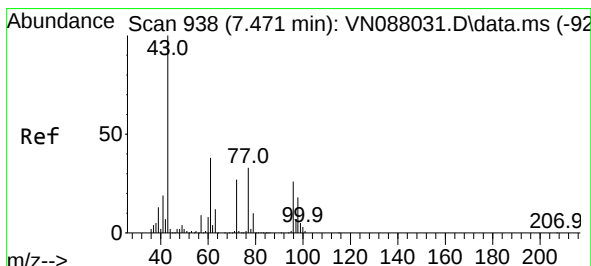
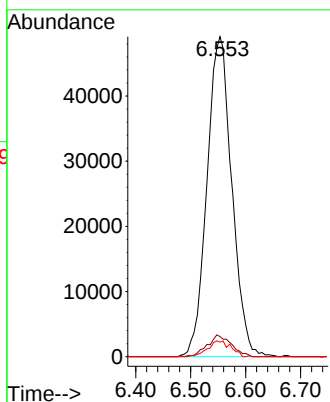
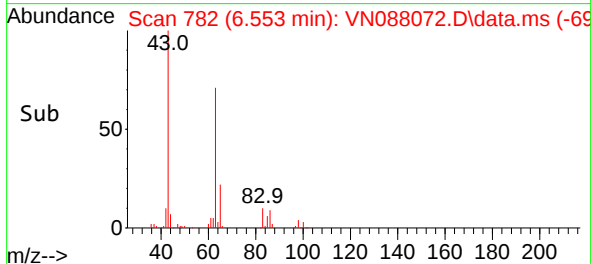
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



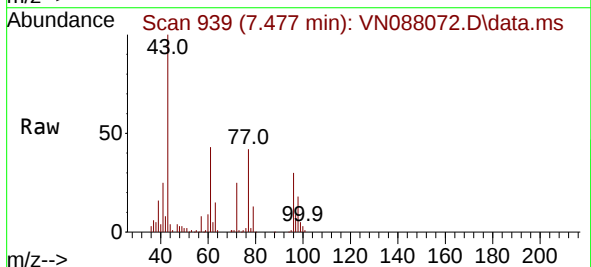
Tgt Ion: 63 Resp: 15430
Ion Ratio Lower Upper
63 100
98 6.3 4.3 12.8
100 4.6 2.6 8.0

Manual Integrations
APPROVED

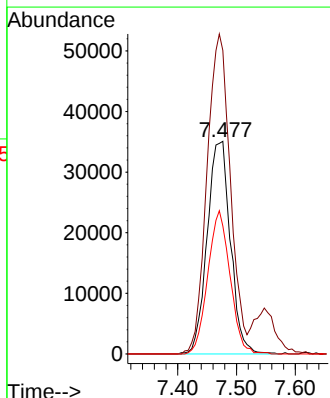
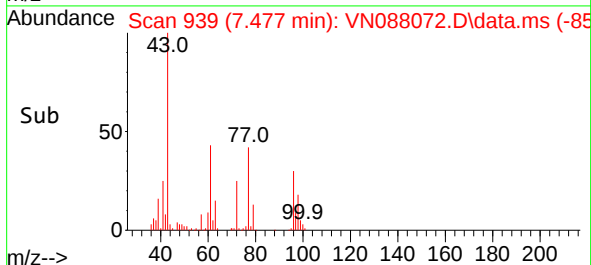
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

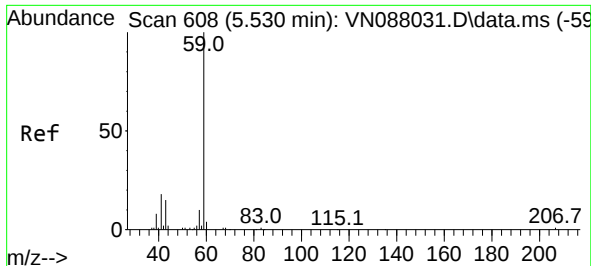


#22
cis-1,2-Dichloroethene
Concen: 19.911 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



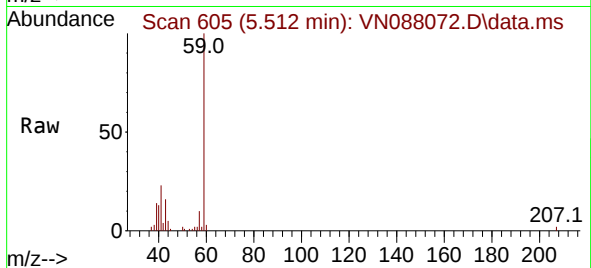
Tgt Ion: 96 Resp: 96556
Ion Ratio Lower Upper
96 100
61 150.8 117.0 175.6
98 64.1 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 91.354 ug/l
RT: 5.512 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

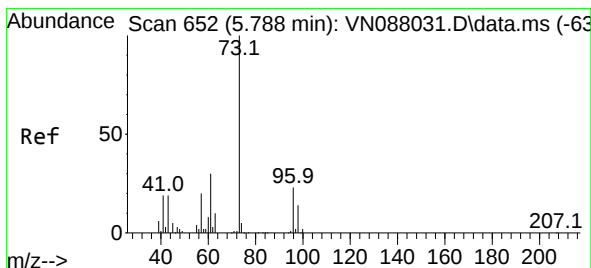
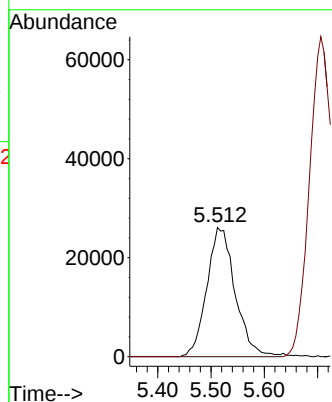
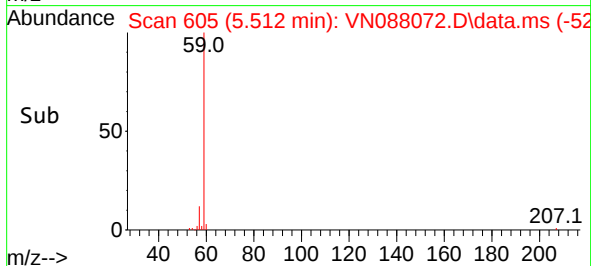
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



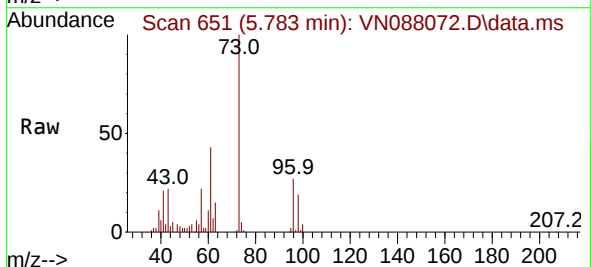
Tgt Ion: 59 Resp: 96312
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

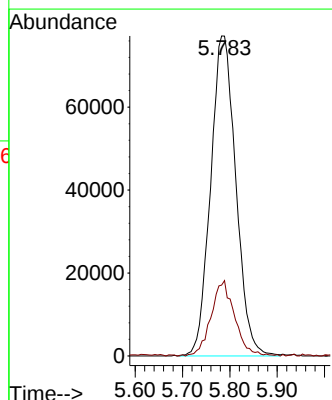
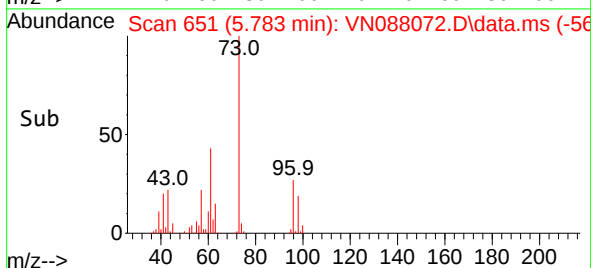
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

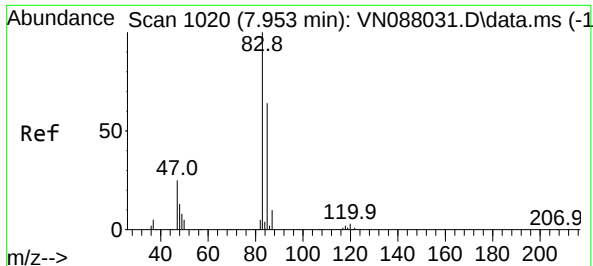


#24
Methyl tert-Butyl Ether
Concen: 19.779 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



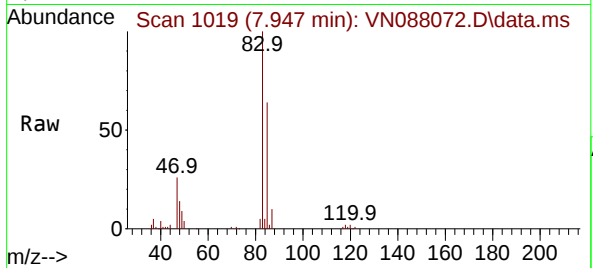
Tgt Ion: 73 Resp: 286064
Ion Ratio Lower Upper
73 100
43 21.6 17.0 25.4





#25
Chloroform
Concen: 20.283 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

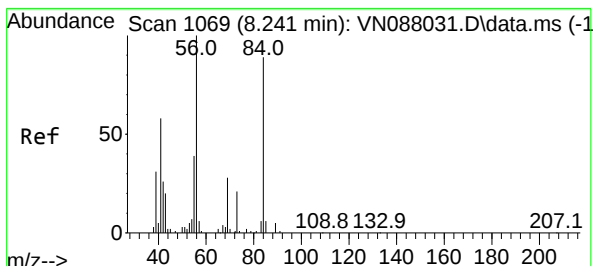
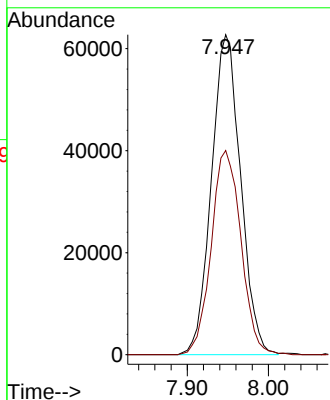
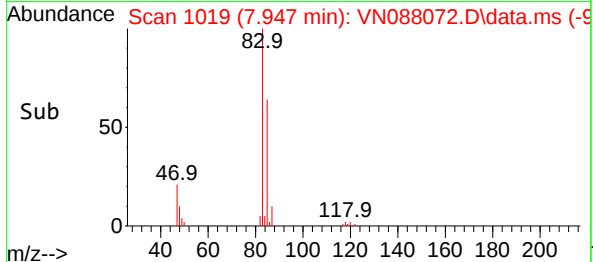
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



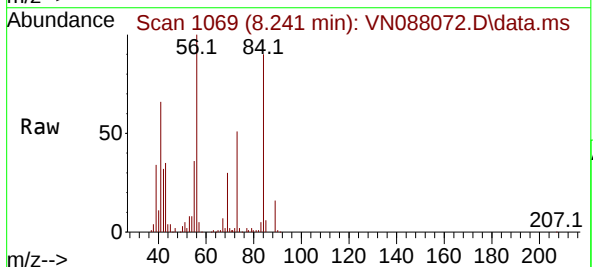
Tgt Ion: 83 Resp: 15684
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3

Manual Integrations
APPROVED

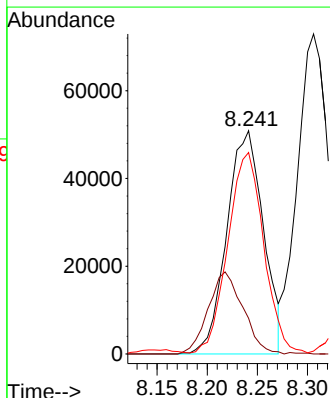
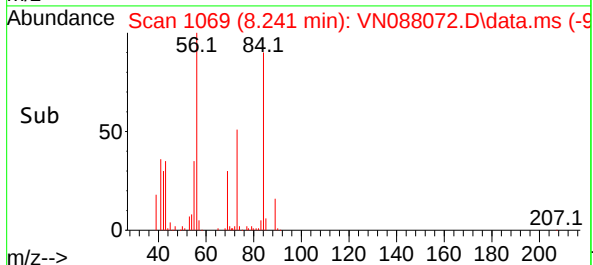
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

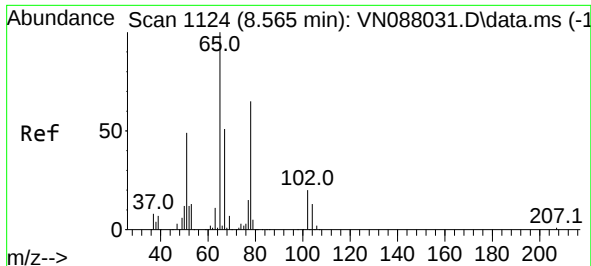


#26
Cyclohexane
Concen: 20.854 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



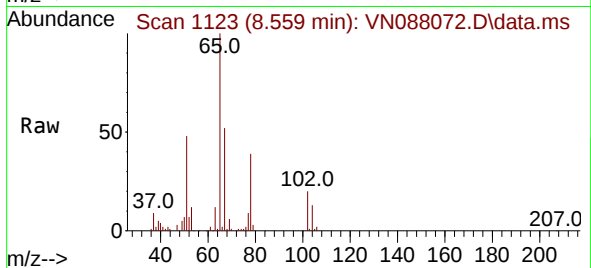
Tgt Ion: 56 Resp: 129471
Ion Ratio Lower Upper
56 100
89 34.7 8.6 12.8#
84 88.7 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 32.552 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

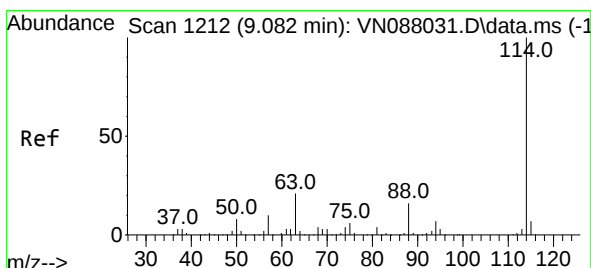
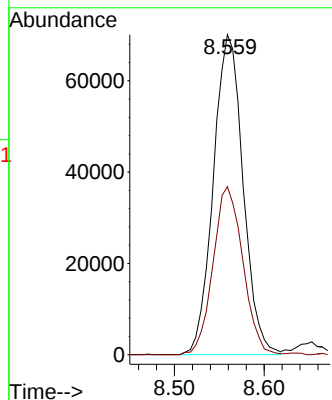
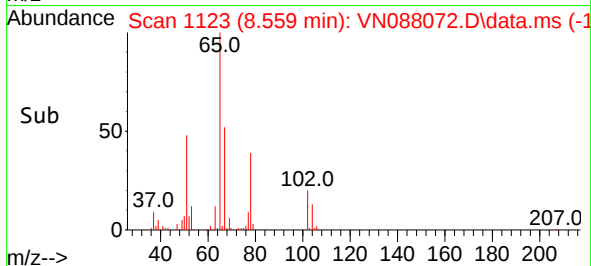
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



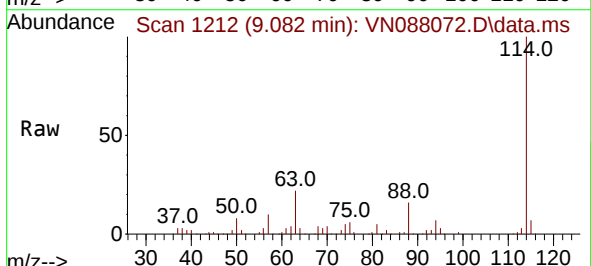
Tgt Ion: 65 Resp: 16153
Ion Ratio Lower Upper
65 100
67 52.5 41.9 62.9

Manual Integrations
APPROVED

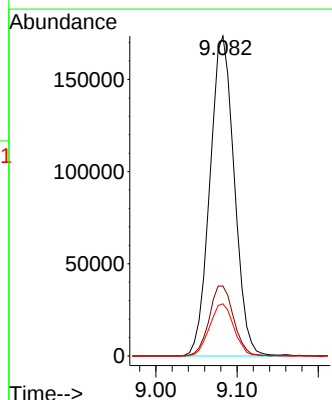
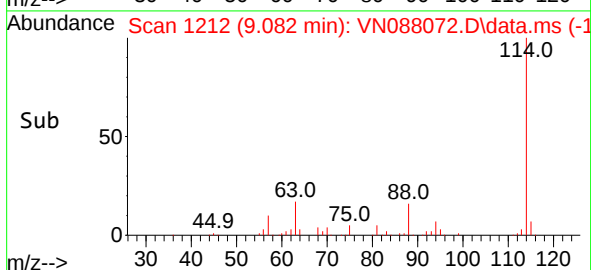
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

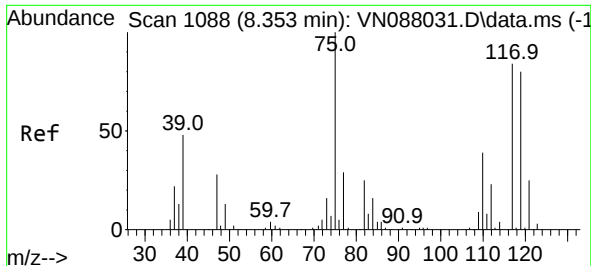


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



Tgt Ion:114 Resp: 362466
Ion Ratio Lower Upper
114 100
63 21.9 16.6 25.0
88 16.2 12.6 18.8





#29
1,1-Dichloropropene
Concen: 20.766 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

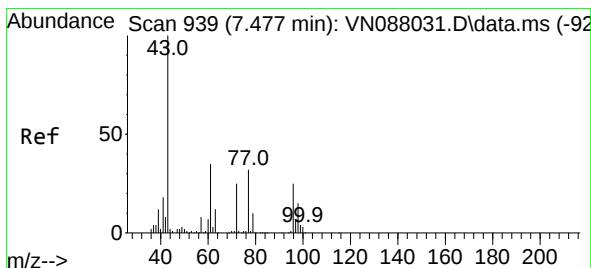
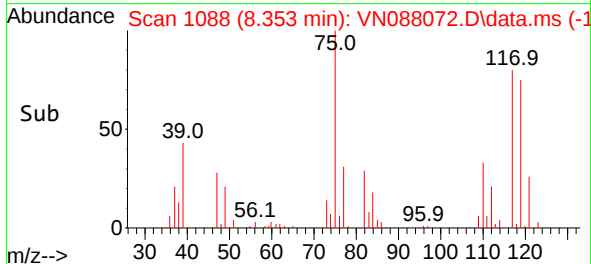
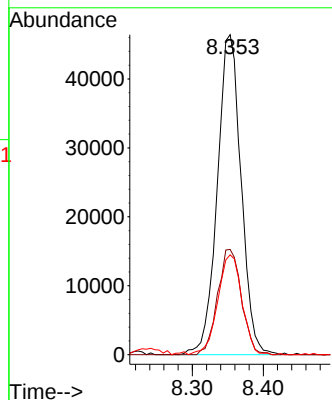
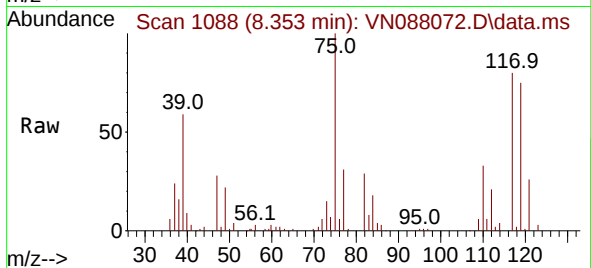
Tgt Ion: 75 Resp: 107889
Ion Ratio Lower Upper
75 100
110 32.9 0.0 72.2
77 31.5 0.0 60.6

Manual Integrations

APPROVED

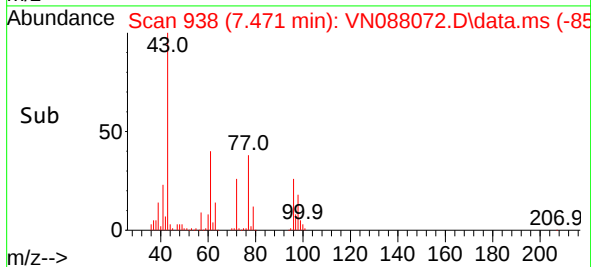
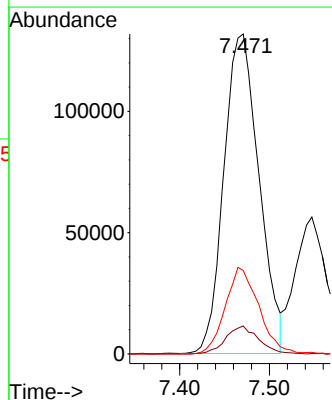
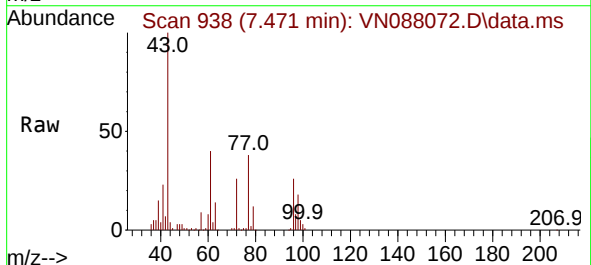
Reviewed By :John Carlone 10/21/2025

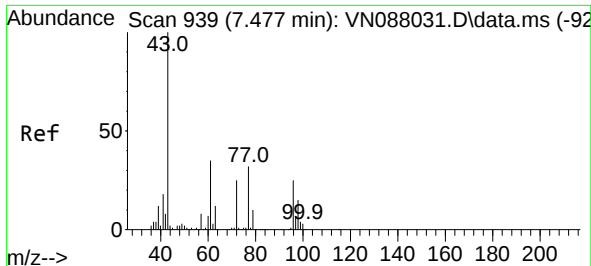
Supervised By :Semsettin Yesilyurt 10/21/2025



#30
2-Butanone
Concen: 93.573 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

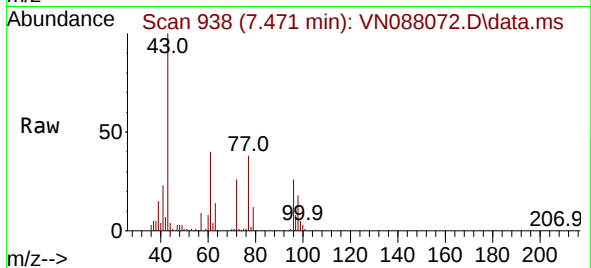
Tgt Ion: 43 Resp: 358564
Ion Ratio Lower Upper
43 100
57 8.2 6.5 9.7
72 25.8 21.4 32.2





#31
2,2-Dichloropropane
Concen: 21.513 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

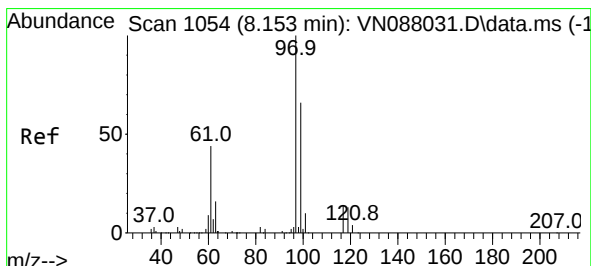
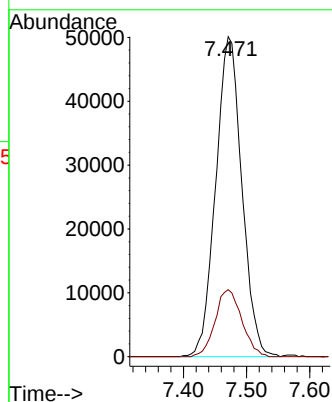
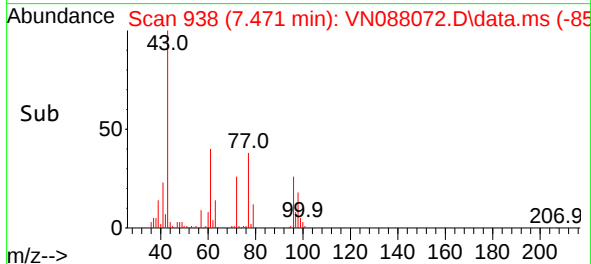
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



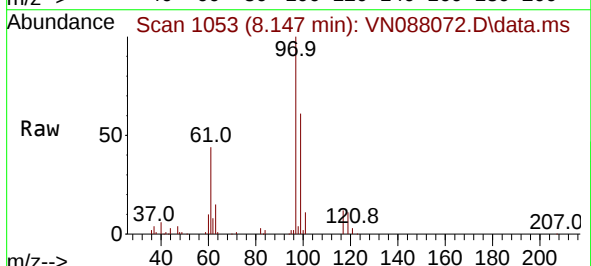
Tgt Ion: 77 Resp: 144018
Ion Ratio Lower Upper
77 100
97 21.4 17.8 26.8

Manual Integrations
APPROVED

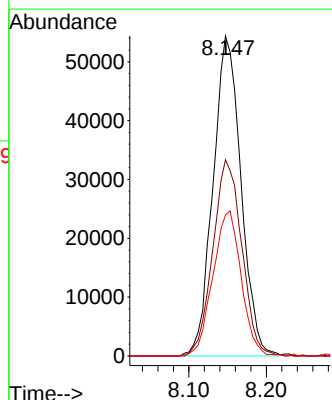
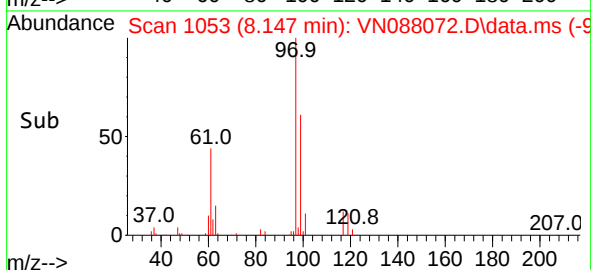
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

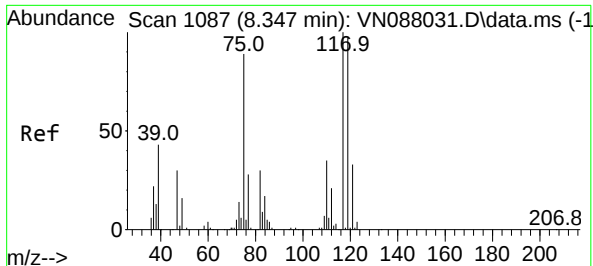


#32
1,1,1-Trichloroethane
Concen: 21.001 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



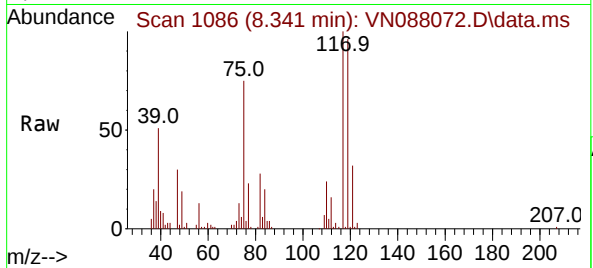
Tgt Ion: 97 Resp: 136339
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.2
61 45.6 34.7 52.1





#33
Carbon Tetrachloride
Concen: 21.318 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

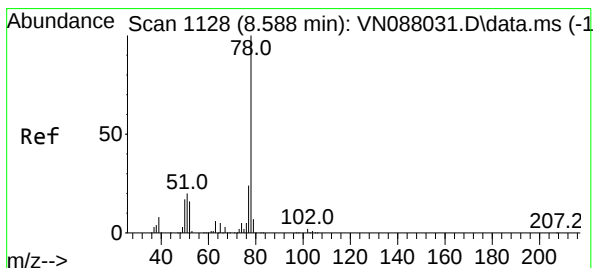
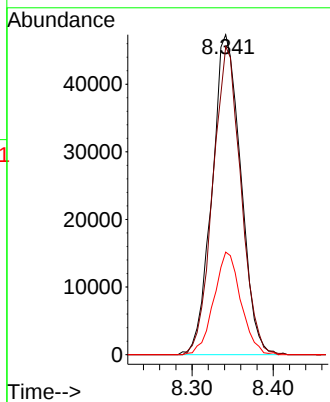
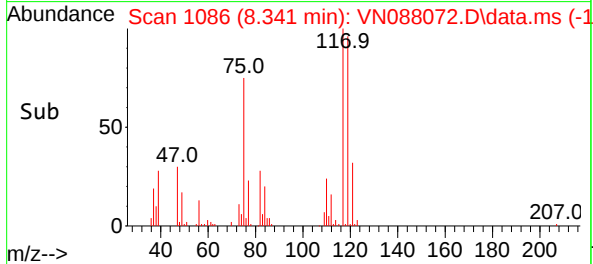
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 11592
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9
121 32.0 26.4 39.6

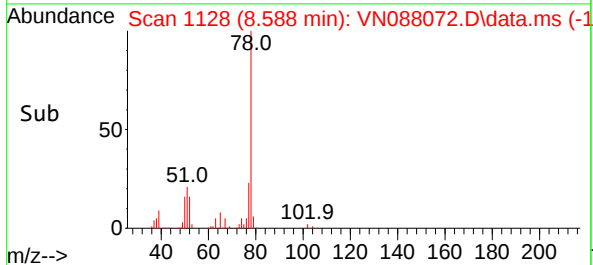
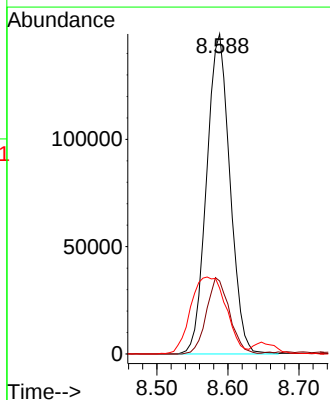
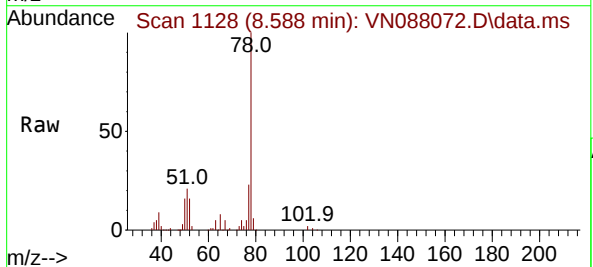
Manual Integrations
APPROVED

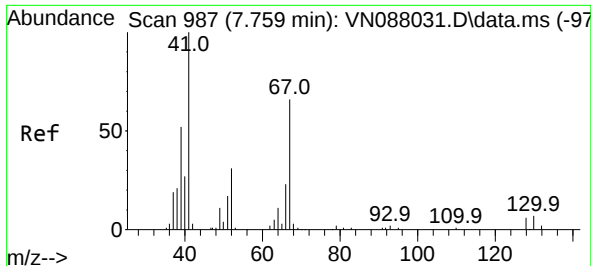
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#34
Benzene
Concen: 19.772 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion: 78 Resp: 340745
Ion Ratio Lower Upper
78 100
77 22.8 18.9 28.3
51 18.9 15.6 23.4





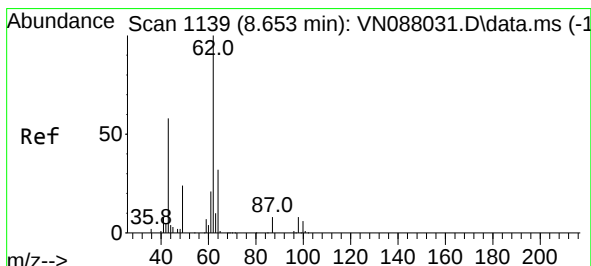
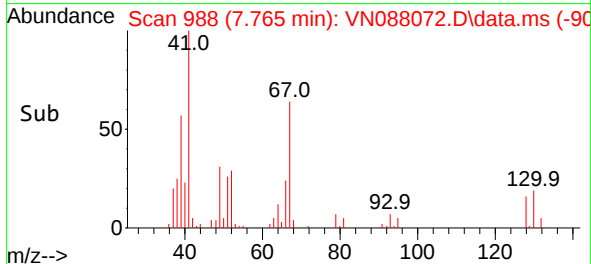
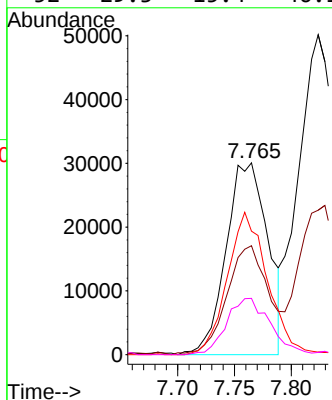
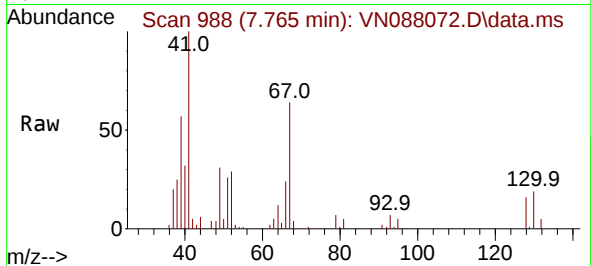
#35
Methacrylonitrile
Concen: 19.140 ug/l
RT: 7.765 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	7712
Ion	Ratio	Lower	Upper
41	100		
39	55.9	26.1	78.3
67	64.3	33.1	99.2
52	29.3	15.4	46.1

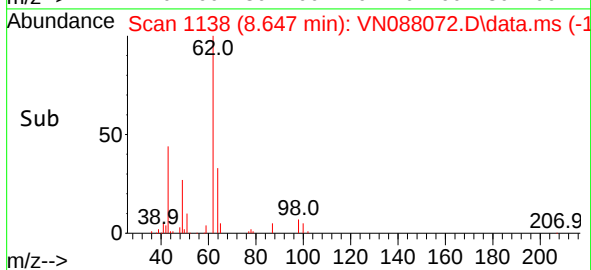
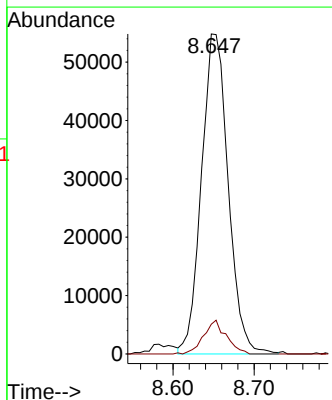
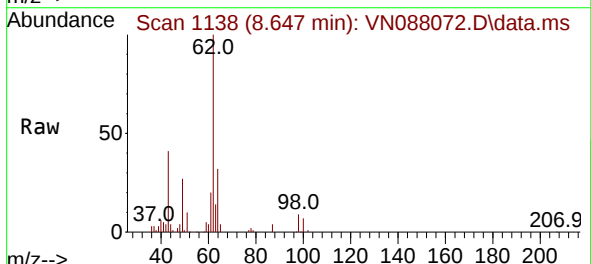
Manual Integrations
APPROVED

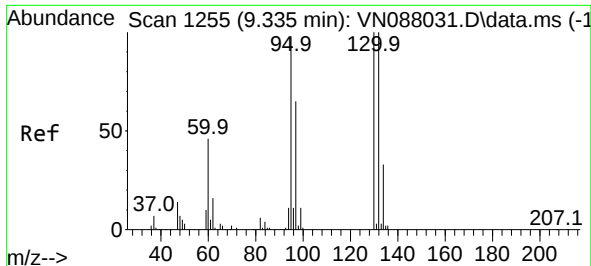
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#36
1,2-Dichloroethane
Concen: 20.969 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion:	62	Resp:	125450
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.8	11.6





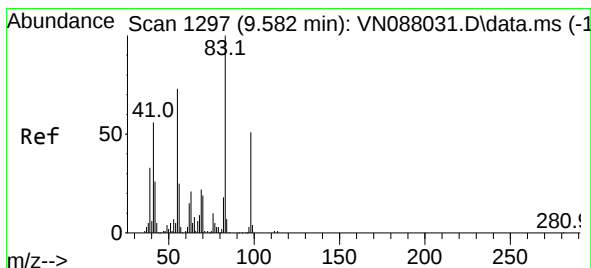
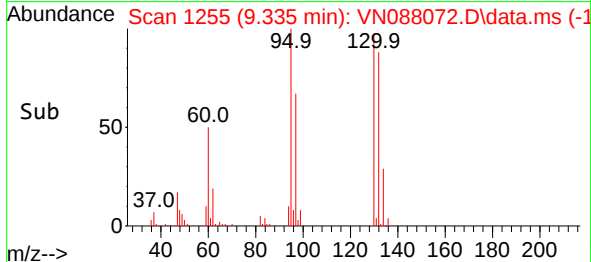
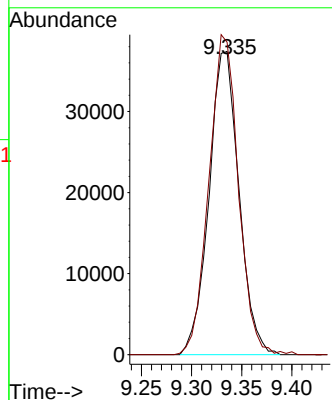
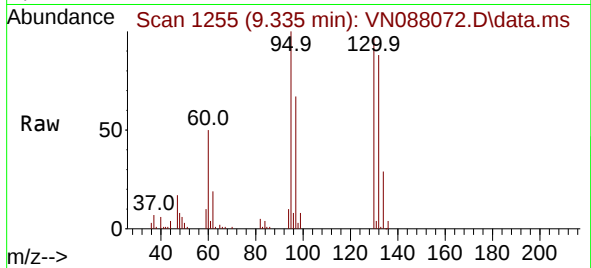
#37
Trichloroethene
Concen: 19.082 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:130 Resp: 7791
Ion Ratio Lower Upper
130 100
95 102.6 78.7 118.1

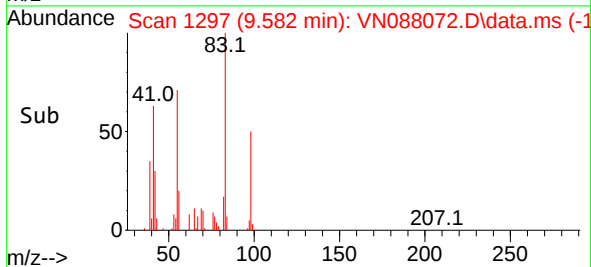
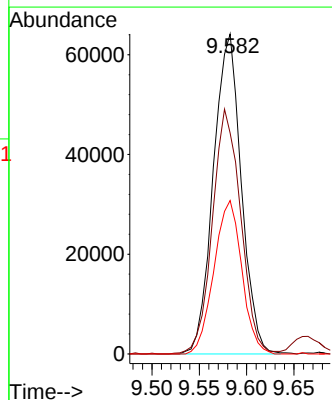
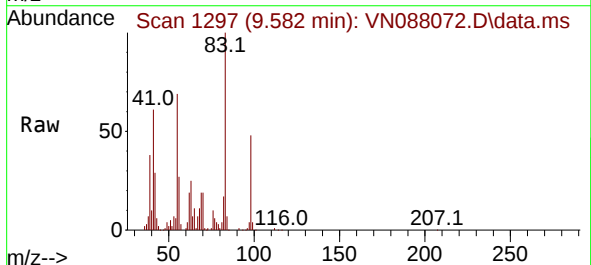
Manual Integrations
APPROVED

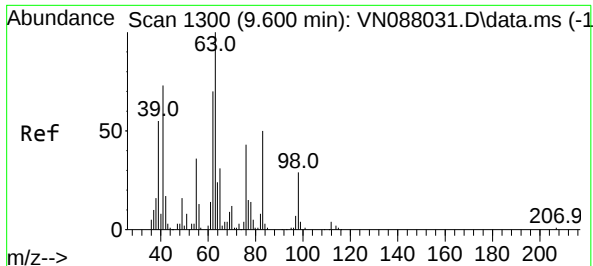
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#38
Methylcyclohexane
Concen: 20.494 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

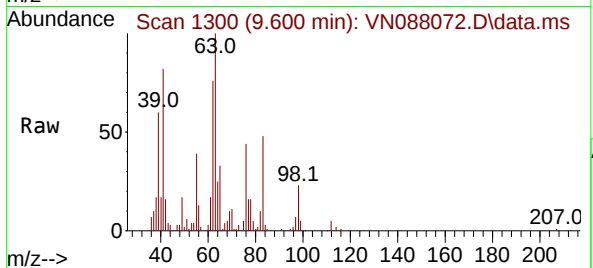
Tgt Ion: 83 Resp: 131494
Ion Ratio Lower Upper
83 100
55 77.5 37.3 111.9
98 47.9 25.4 76.0





#39
1,2-Dichloropropane
Concen: 19.834 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

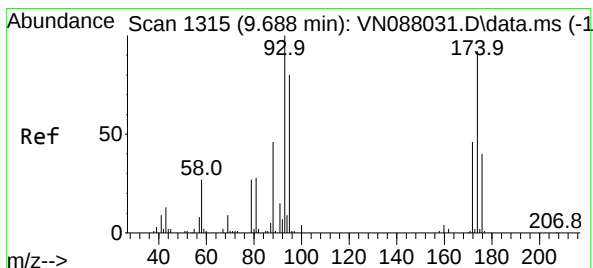
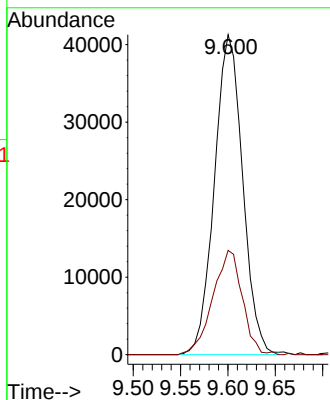
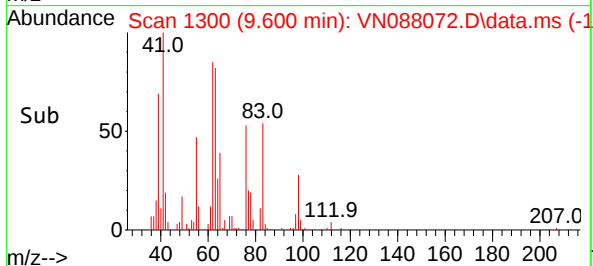
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 85704
Ion Ratio Lower Upper
63 100
65 32.6 25.0 37.6

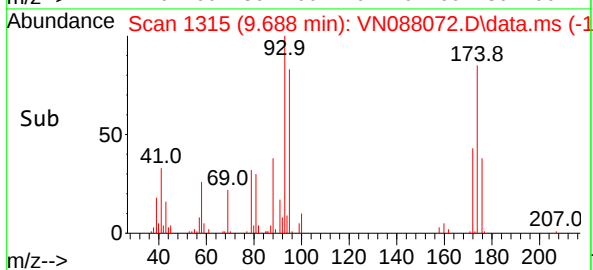
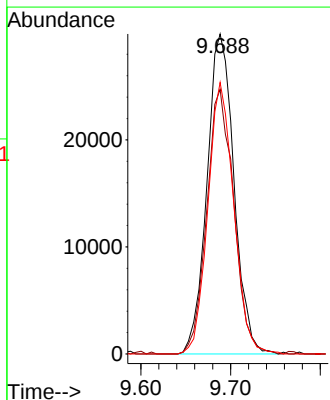
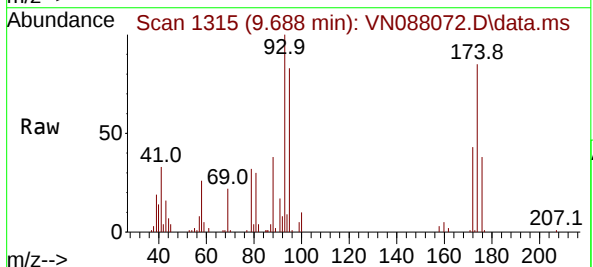
Manual Integrations
APPROVED

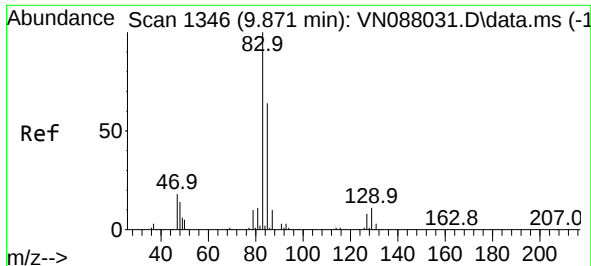
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#40
Dibromomethane
Concen: 19.858 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

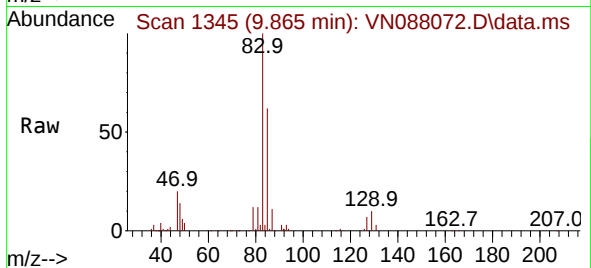
Tgt Ion: 93 Resp: 62463
Ion Ratio Lower Upper
93 100
95 82.8 0.0 158.6
174 81.5 0.0 180.8





#41
Bromodichloromethane
Concen: 20.076 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

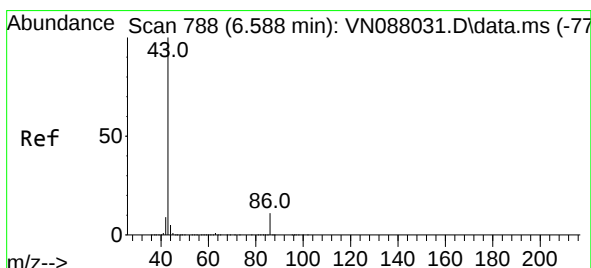
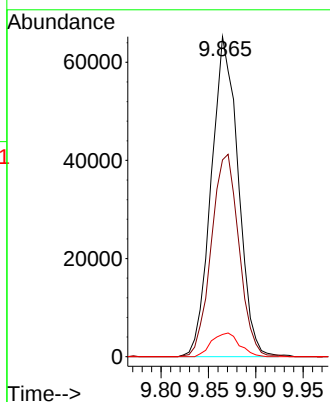
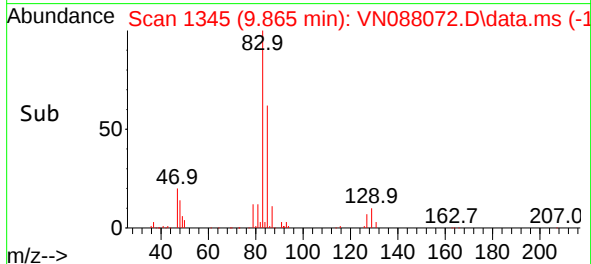
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 12897
Ion Ratio Lower Upper
83 100
85 61.5 51.0 76.4
127 6.9 6.1 9.1

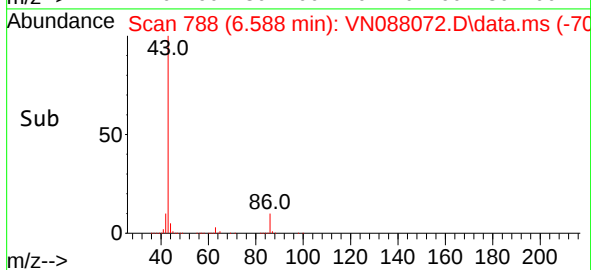
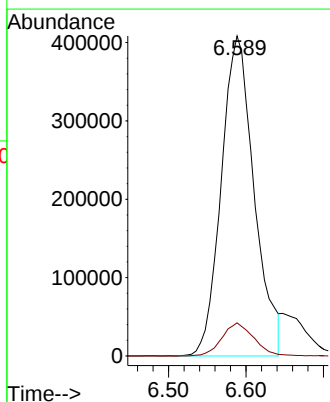
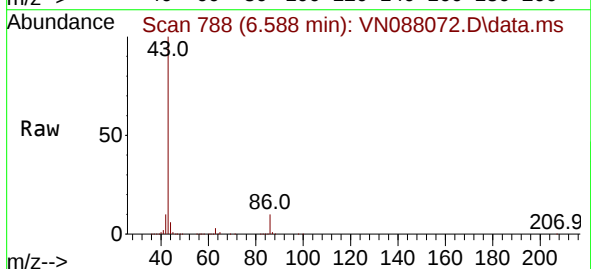
Manual Integrations
APPROVED

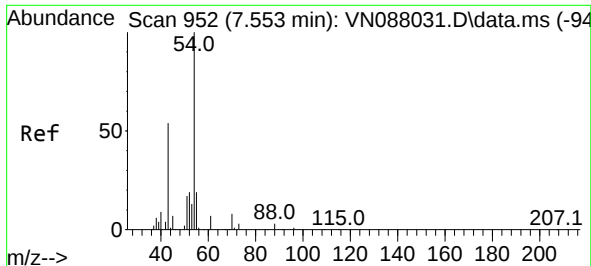
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#42
Vinyl Acetate
Concen: 92.402 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

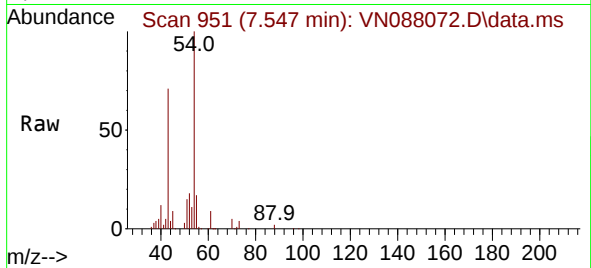
Tgt Ion: 43 Resp: 1206232
Ion Ratio Lower Upper
43 100
86 10.0 8.4 12.6





#43
Ethyl Acetate
Concen: 20.063 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

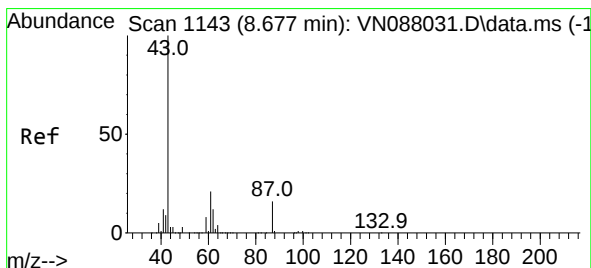
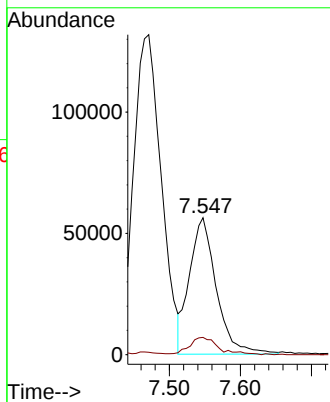
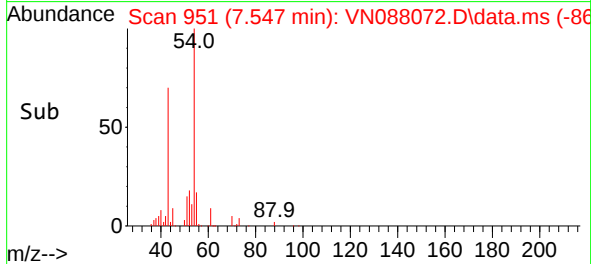
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 14778
Ion Ratio Lower Upper
43 100
45 12.0 10.2 15.4

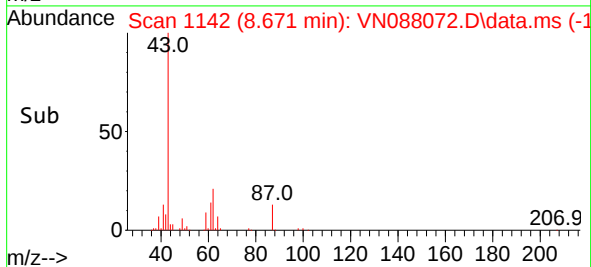
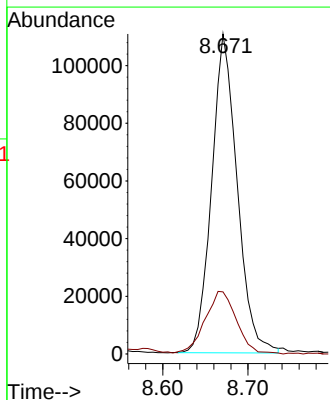
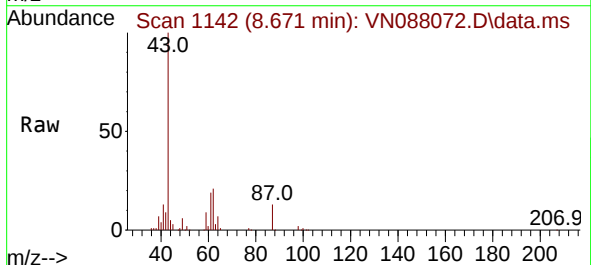
Manual Integrations
APPROVED

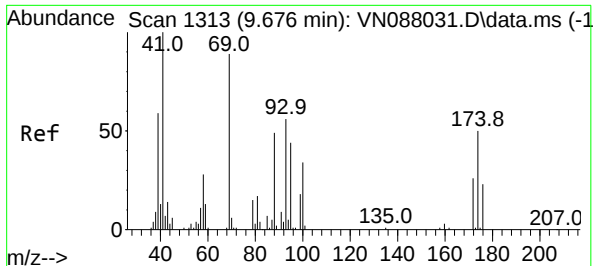
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#44
Isopropyl Acetate
Concen: 19.161 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

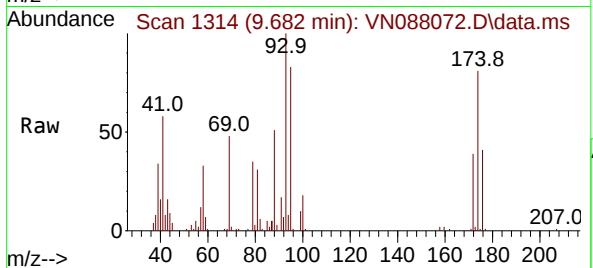
Tgt Ion: 43 Resp: 230525
Ion Ratio Lower Upper
43 100
61 24.0 18.7 28.1





#45
1,4-Dioxane
Concen: 392.783 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

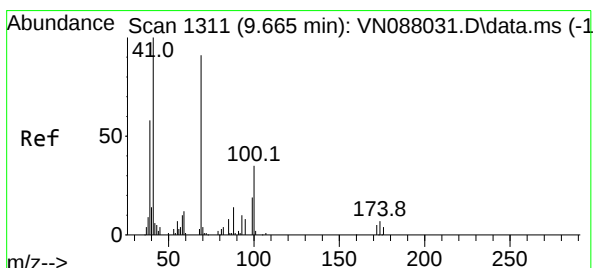
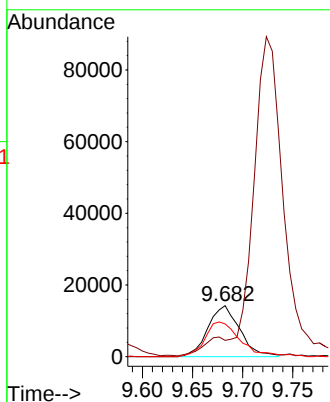
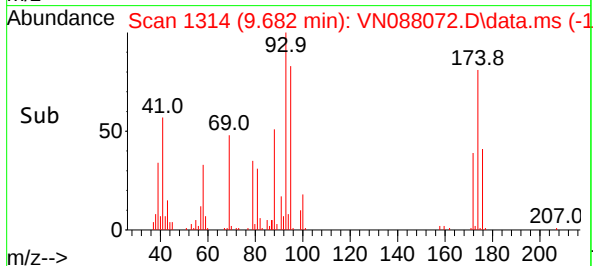
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



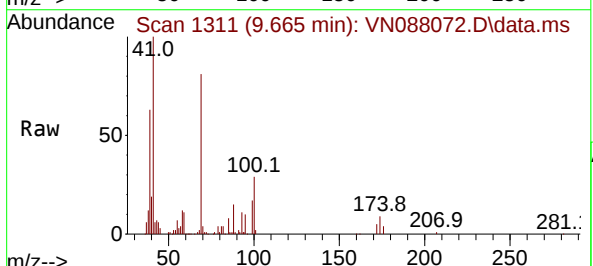
Tgt Ion: 88 Resp: 31429
Ion Ratio Lower Upper
88 100
43 31.0 18.6 27.8
58 71.0 57.4 86.2

Manual Integrations
APPROVED

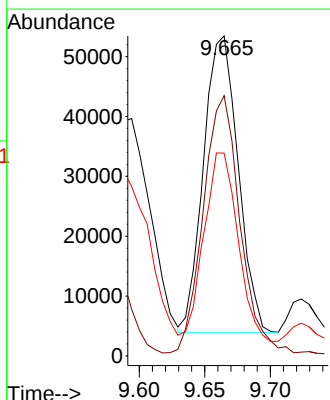
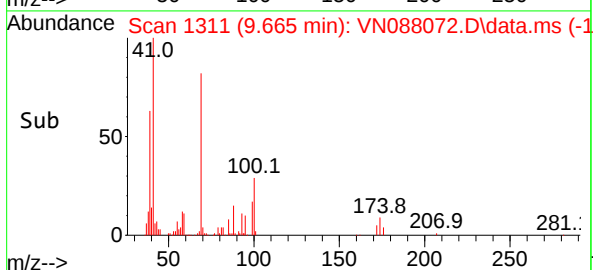
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

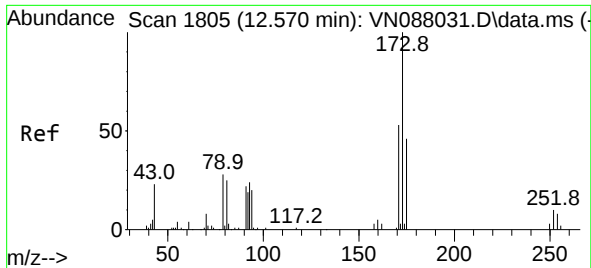


#46
Methyl methacrylate
Concen: 17.143 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



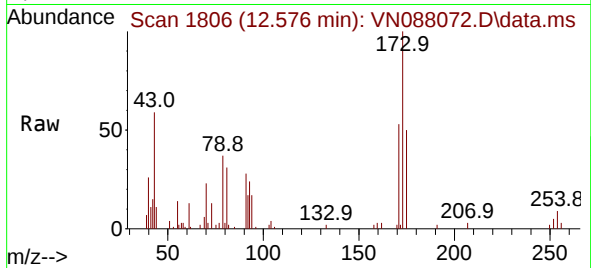
Tgt Ion: 41 Resp: 90825
Ion Ratio Lower Upper
41 100
69 85.6 44.9 134.7
39 63.5 30.3 90.8





#47
n-amy1 Acetate
Concen: 23.091 ug/l m
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

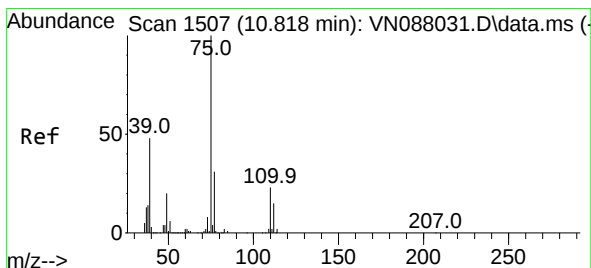
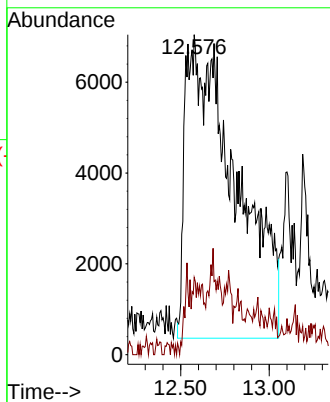
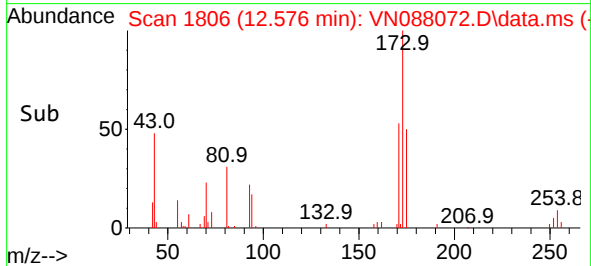
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 131674
Ion Ratio Lower Upper
43 100
55 2.4 0.6 0.8

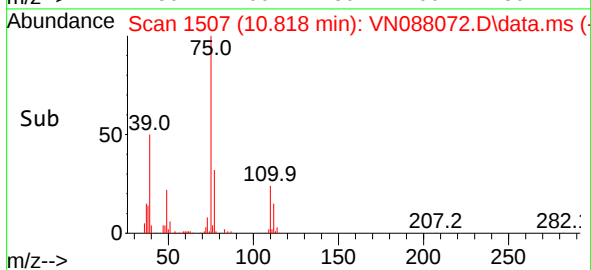
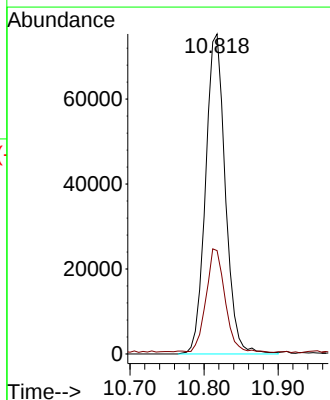
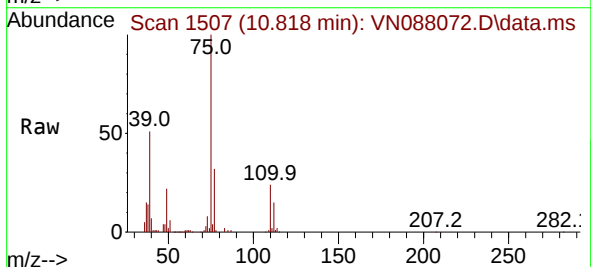
Manual Integrations
APPROVED

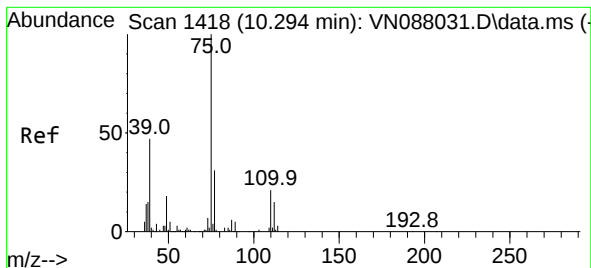
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#48
t-1,3-Dichloropropene
Concen: 19.520 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

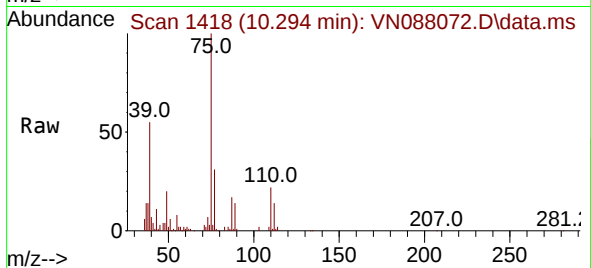
Tgt Ion: 75 Resp: 139436
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7





#49
cis-1,3-Dichloropropene
Concen: 19.546 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

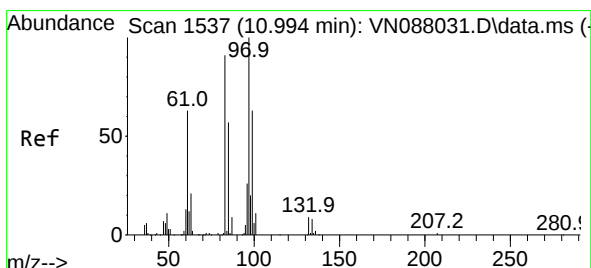
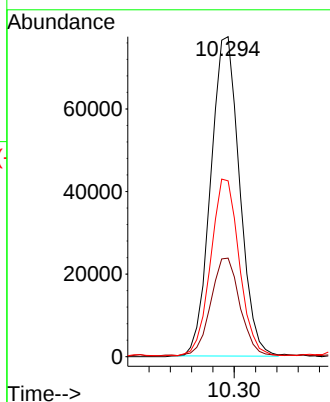
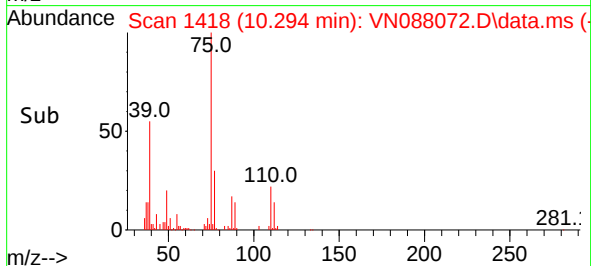
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



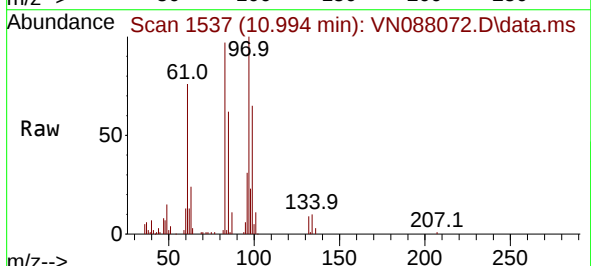
Tgt Ion: 75 Resp: 145649
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4
39 54.7 37.4 56.0

Manual Integrations
APPROVED

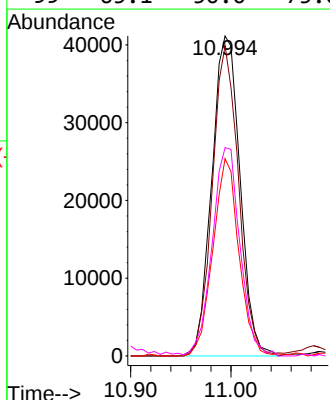
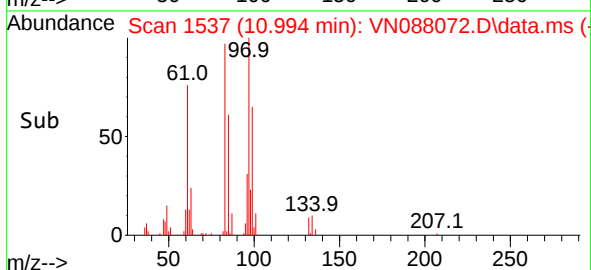
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

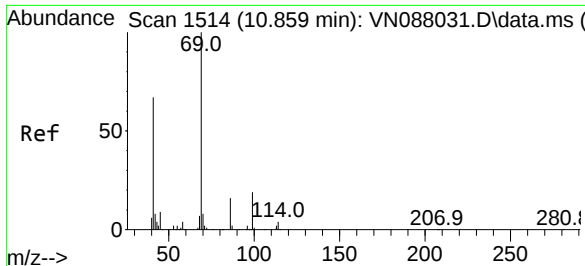


#50
1,1,2-Trichloroethane
Concen: 19.287 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



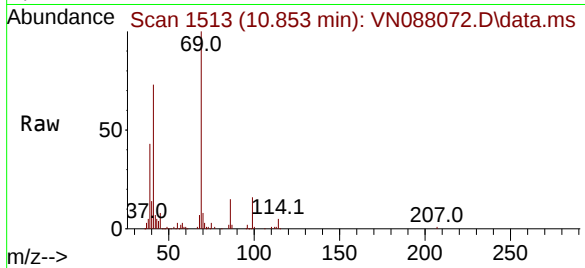
Tgt Ion: 97 Resp: 80339
Ion Ratio Lower Upper
97 100
83 97.0 72.5 108.7
85 61.7 45.5 68.3
99 65.1 50.0 75.0





#51
Ethyl methacrylate
Concen: 19.052 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

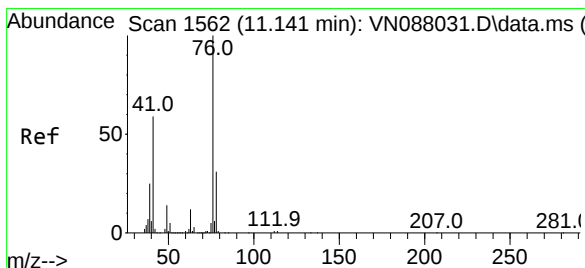
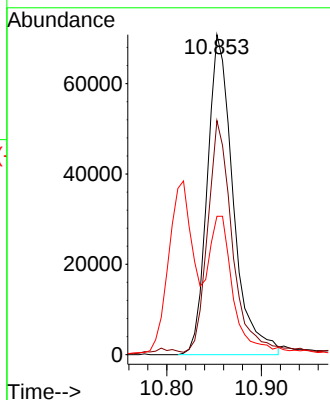
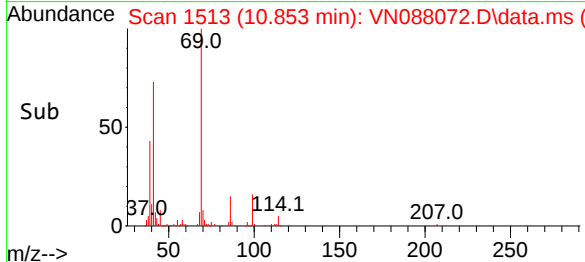
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 134305
Ion Ratio Lower Upper
69 100
41 72.1 33.3 99.8
39 41.0 20.3 61.0

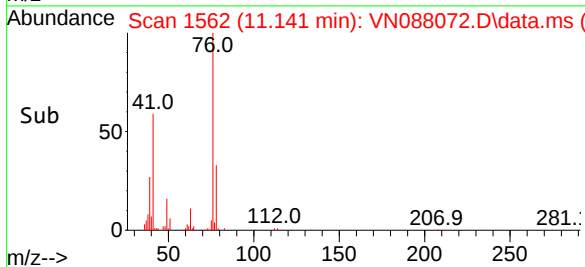
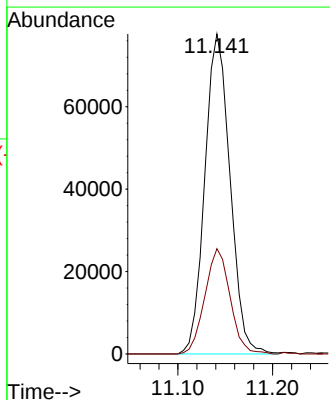
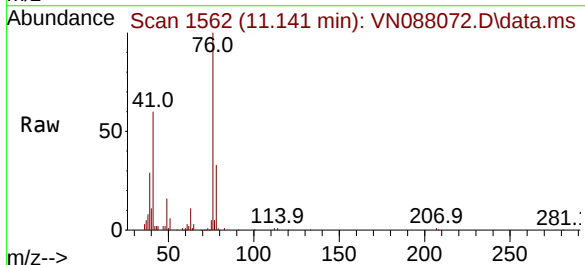
Manual Integrations
APPROVED

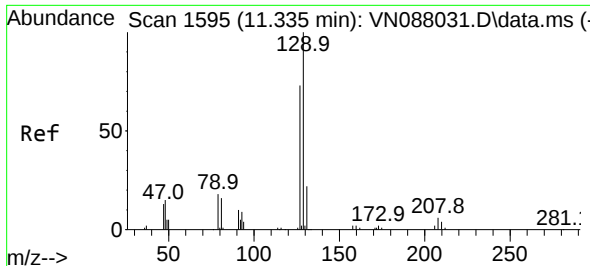
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#52
1,3-Dichloropropane
Concen: 19.780 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

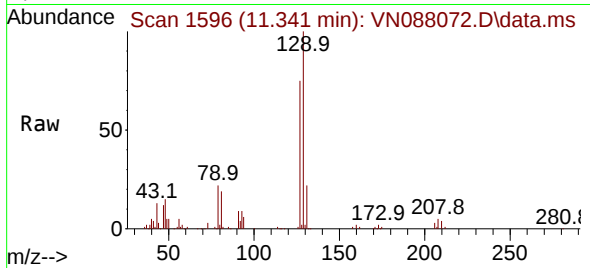
Tgt Ion: 76 Resp: 143752
Ion Ratio Lower Upper
76 100
78 32.8 0.0 65.0





#53
Dibromochloromethane
Concen: 19.706 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

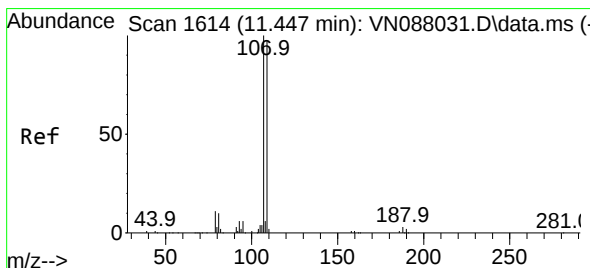
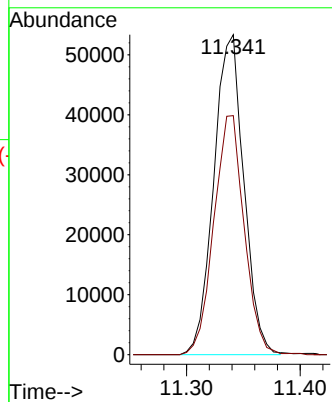
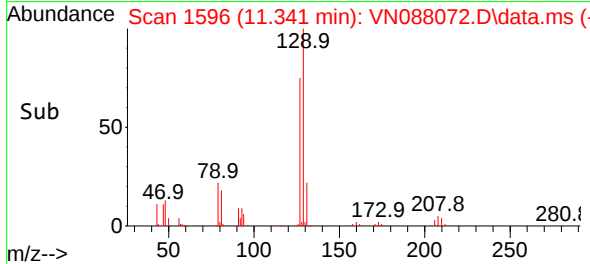
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



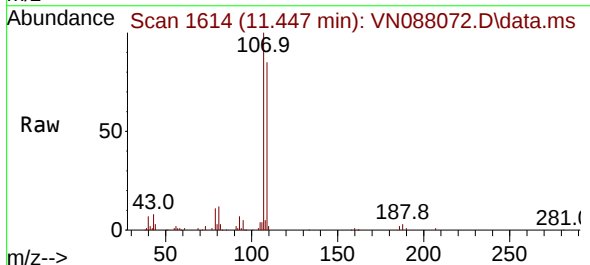
Tgt Ion:129 Resp: 9813
Ion Ratio Lower Upper
129 100
127 75.2 39.1 117.3

Manual Integrations
APPROVED

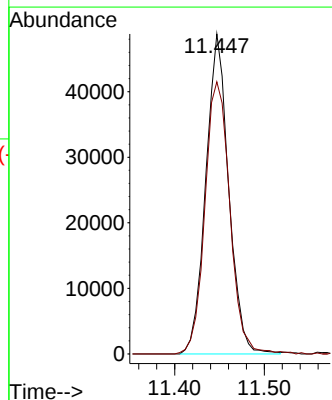
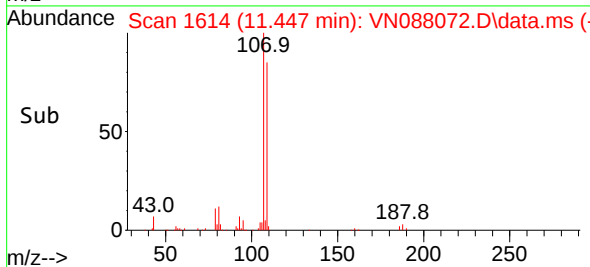
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

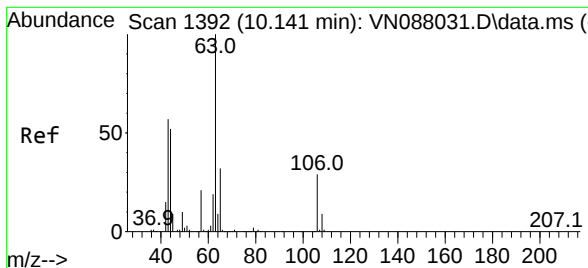


#54
1,2-Dibromoethane
Concen: 19.404 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



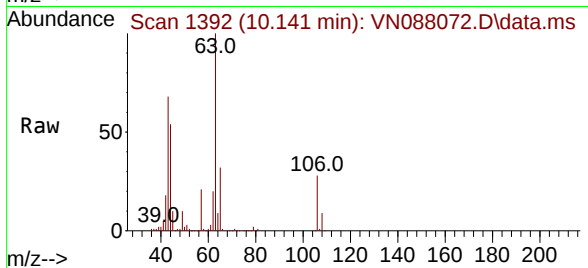
Tgt Ion:107 Resp: 86411
Ion Ratio Lower Upper
107 100
109 92.4 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 96.878 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

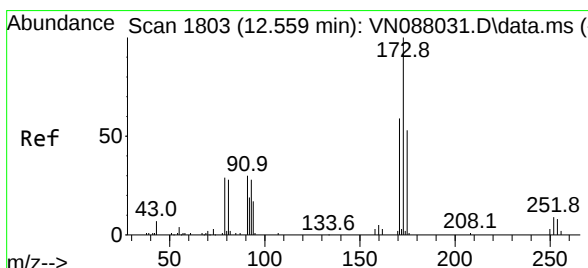
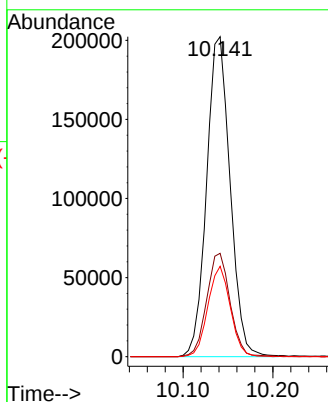
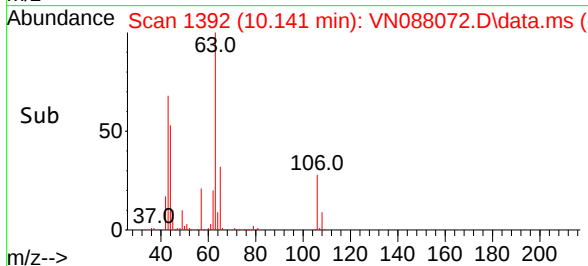
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 36863
Ion Ratio Lower Upper
63 100
65 32.0 25.7 38.5
106 26.8 22.6 34.0

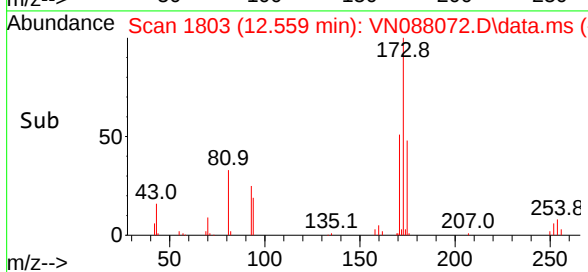
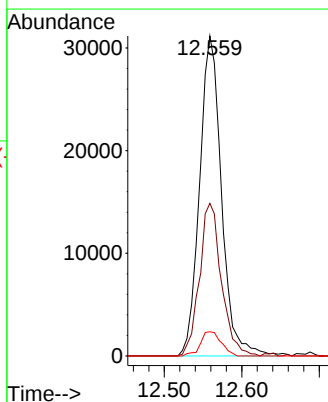
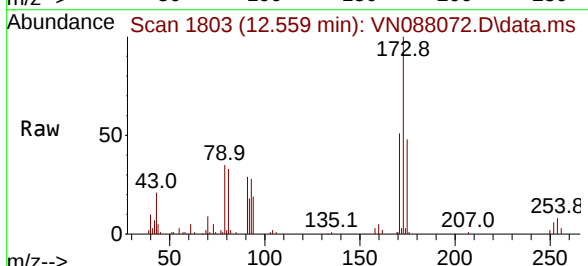
Manual Integrations
APPROVED

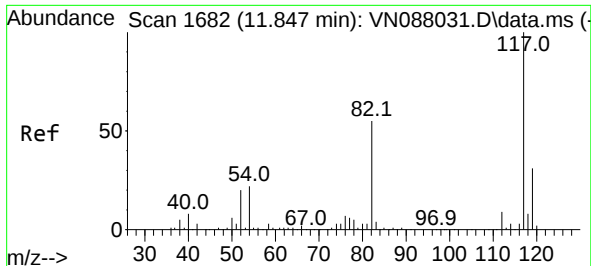
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#56
Bromoform
Concen: 18.195 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

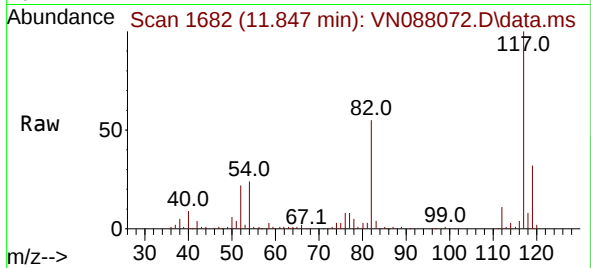
Tgt Ion:173 Resp: 61257
Ion Ratio Lower Upper
173 100
175 47.6 39.6 59.4
254 6.9 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

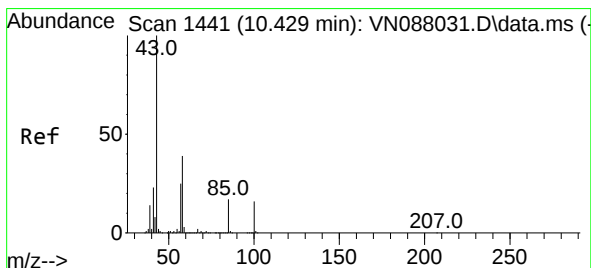
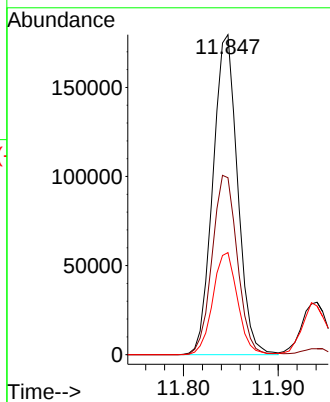
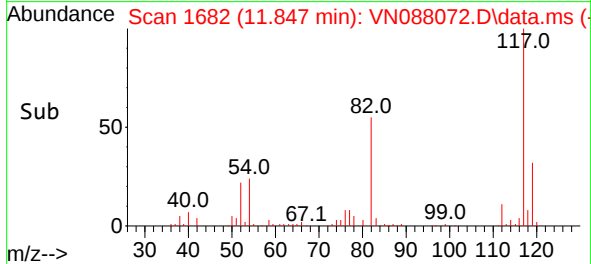
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



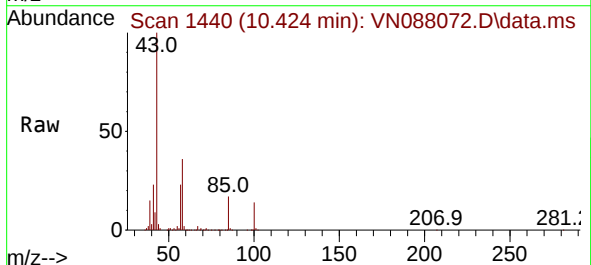
Tgt Ion:117 Resp: 32529
Ion Ratio Lower Upper
117 100
82 57.2 45.2 67.8
119 32.1 25.9 38.9

Manual Integrations
APPROVED

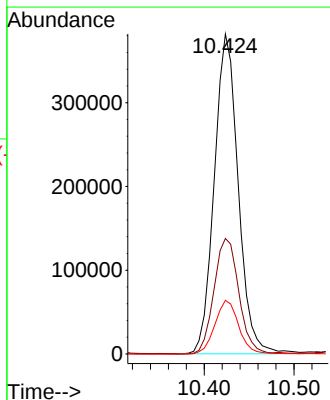
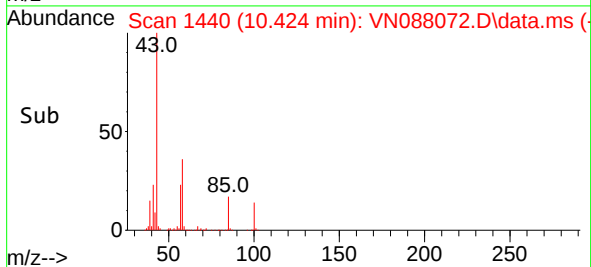
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

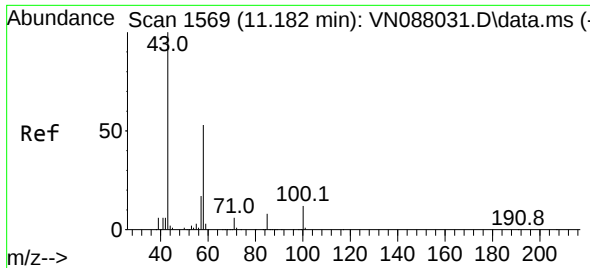


#58
4-Methyl-2-Pentanone
Concen: 96.812 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



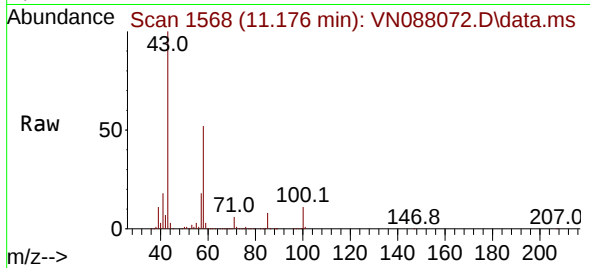
Tgt Ion: 43 Resp: 704411
Ion Ratio Lower Upper
43 100
58 37.5 31.2 46.8
85 16.7 13.7 20.5





#59
2-Hexanone
Concen: 95.101 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

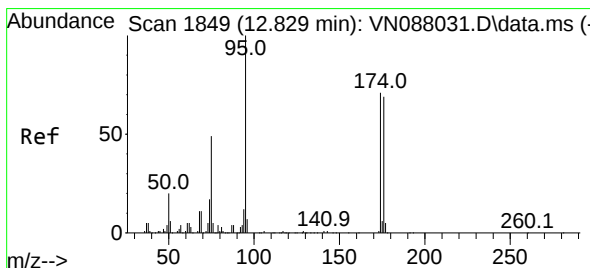
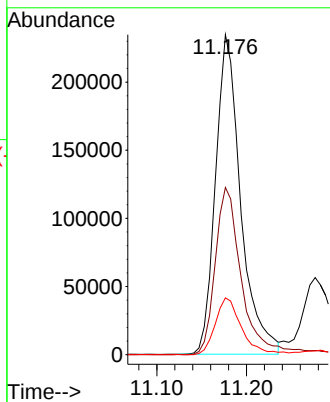
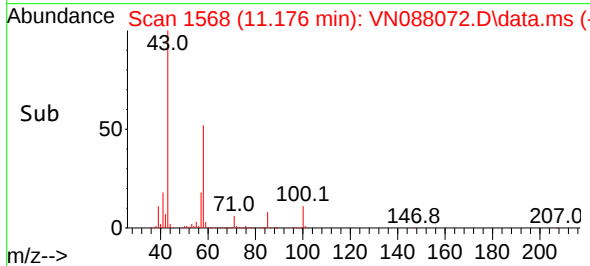
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



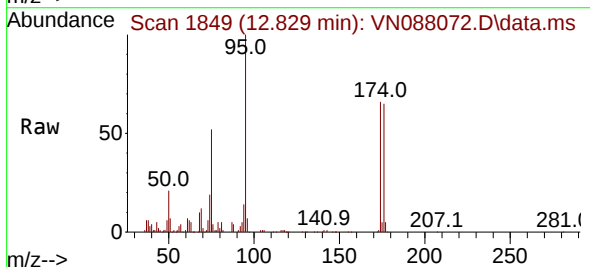
Tgt Ion: 43 Resp: 456860
Ion Ratio Lower Upper
43 100
58 54.7 43.1 64.7
57 18.6 14.6 21.8

Manual Integrations
APPROVED

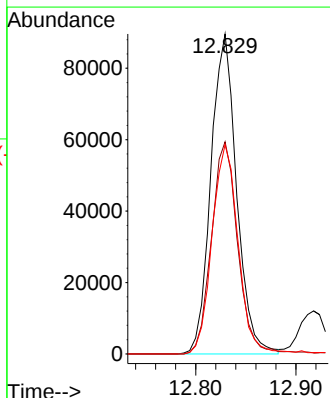
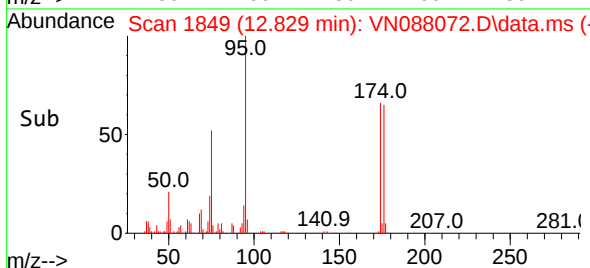
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

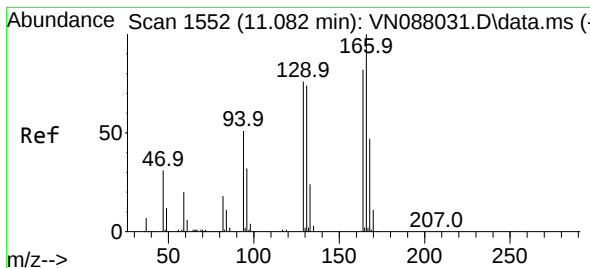


#60
4-Bromofluorobenzene
Concen: 29.799 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



Tgt Ion: 95 Resp: 159804
Ion Ratio Lower Upper
95 100
174 67.1 57.4 86.0
176 66.3 57.0 85.4





#61

Tetrachloroethene

Concen: 19.047 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. 0.000 min

Lab File: VN088072.D

Acq: 20 Oct 2025 08:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 6274

Ion Ratio Lower Upper

164 100

166 117.0 97.2 145.8

129 96.7 73.7 110.5

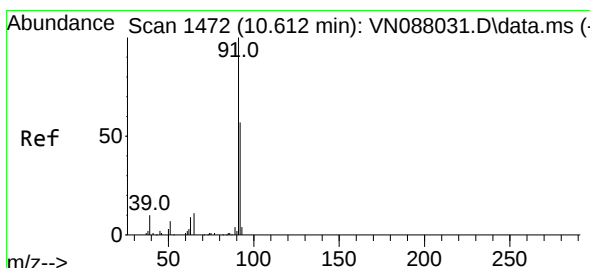
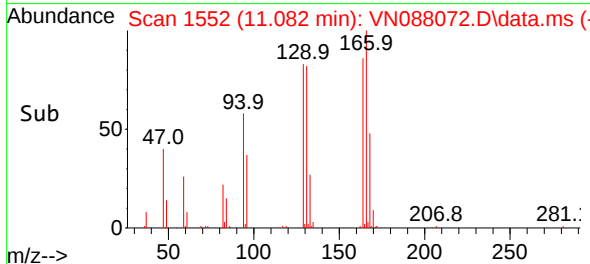
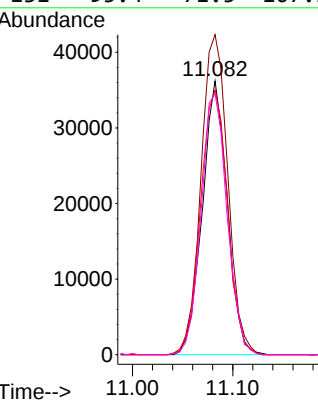
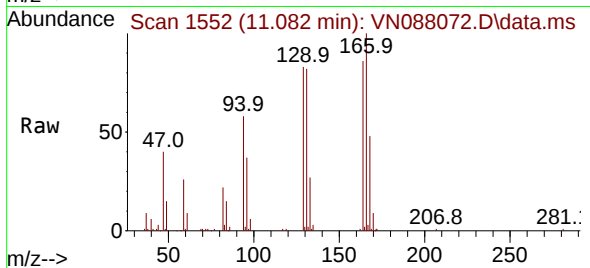
131 95.4 71.5 107.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#62

Toluene

Concen: 19.686 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VN088072.D

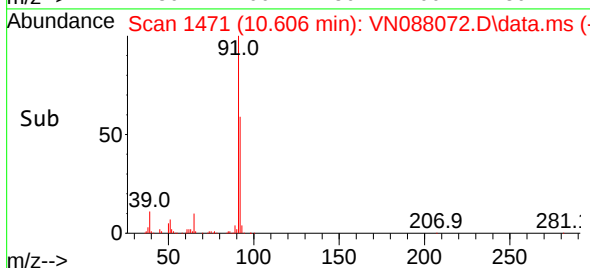
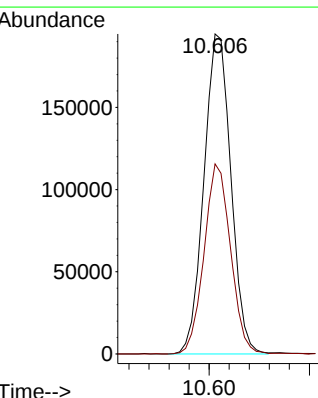
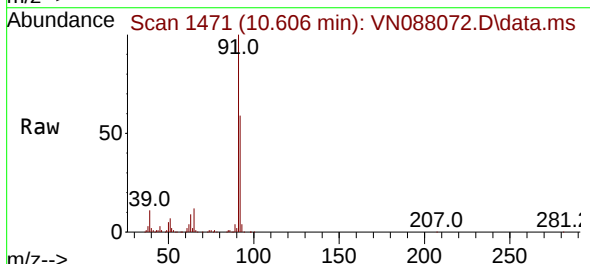
Acq: 20 Oct 2025 08:52

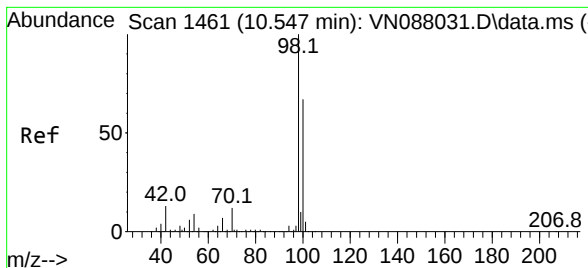
Tgt Ion: 91 Resp: 363252

Ion Ratio Lower Upper

91 100

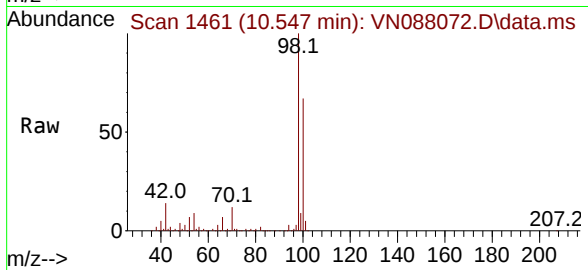
92 58.3 45.8 68.8





#63
Toluene-d8
Concen: 30.809 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

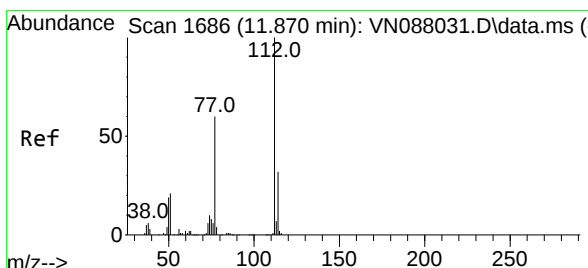
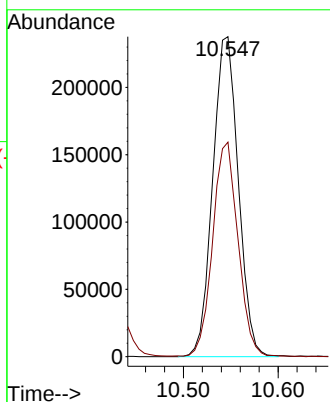
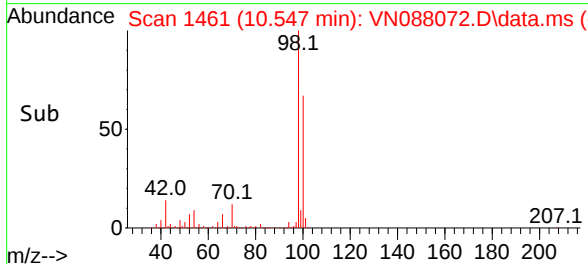
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



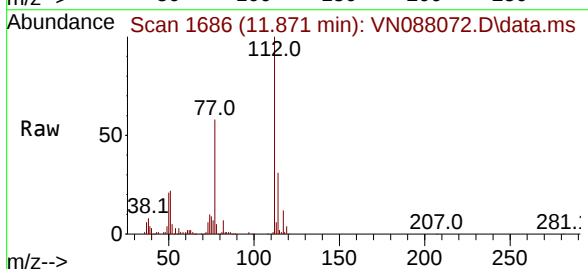
Tgt Ion: 98 Resp: 446523
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

Manual Integrations
APPROVED

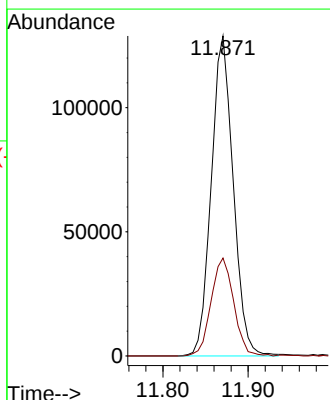
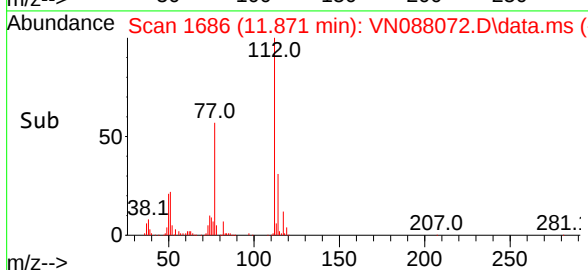
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

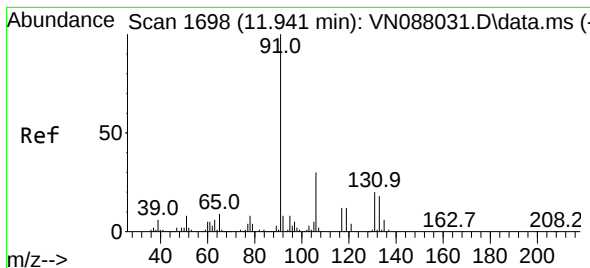


#64
Chlorobenzene
Concen: 19.581 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



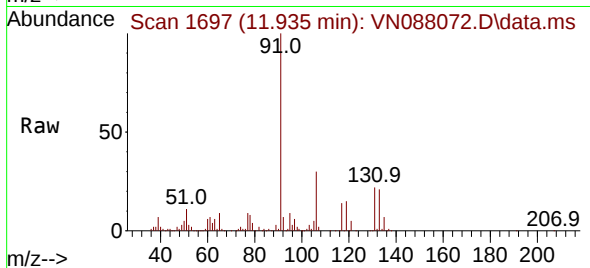
Tgt Ion:112 Resp: 230771
Ion Ratio Lower Upper
112 100
114 30.6 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 19.621 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

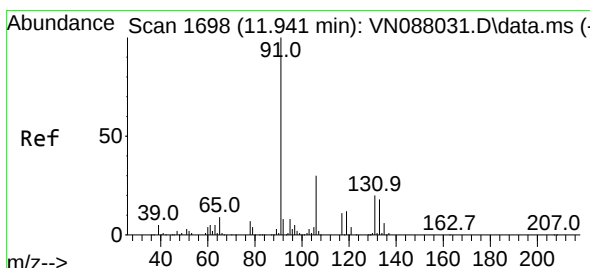
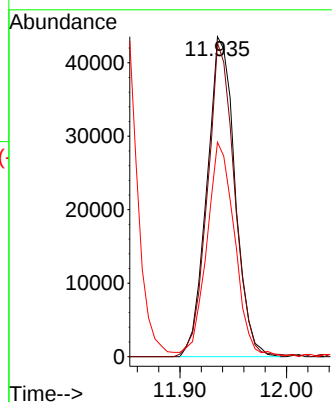
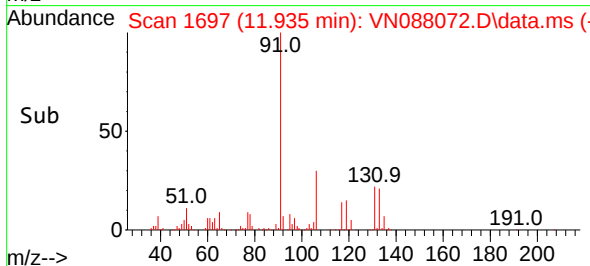
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



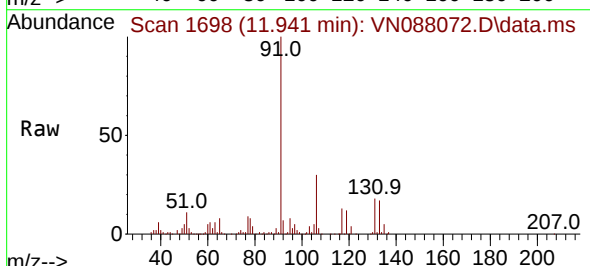
Tgt Ion:131 Resp: 79692
Ion Ratio Lower Upper
131 100
133 94.8 0.0 183.8
119 66.4 0.0 132.0

Manual Integrations
APPROVED

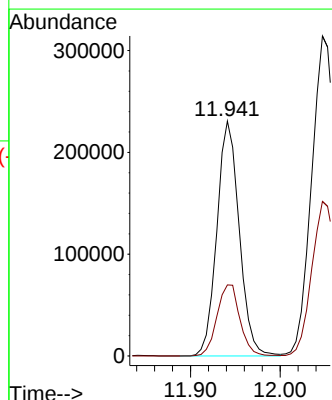
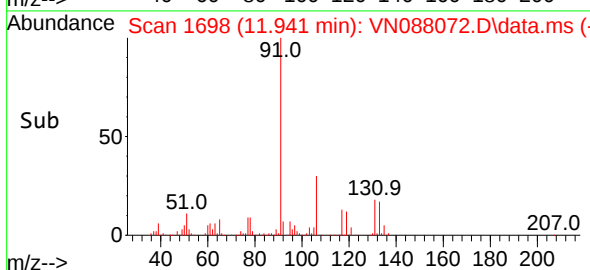
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

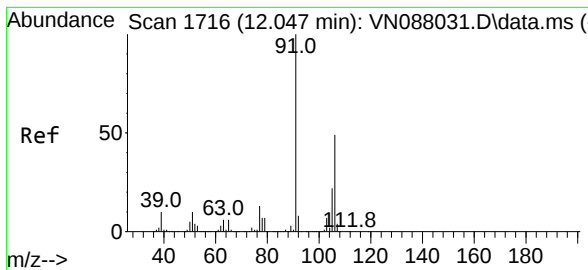


#66
Ethyl Benzene
Concen: 19.892 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



Tgt Ion: 91 Resp: 399110
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0





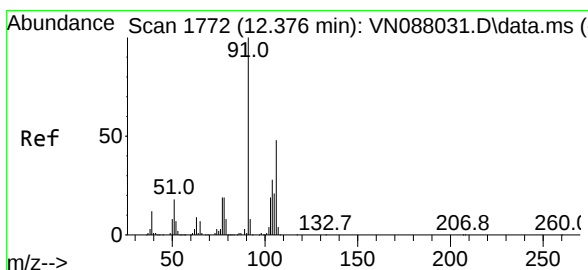
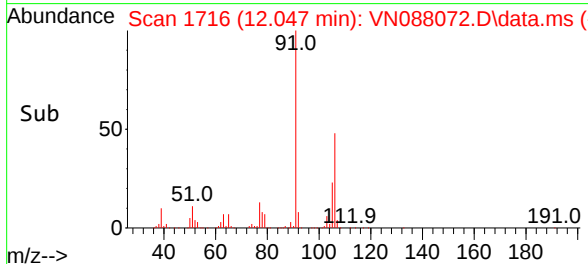
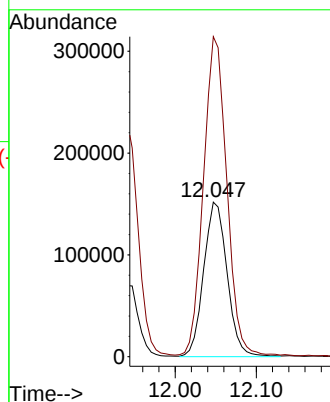
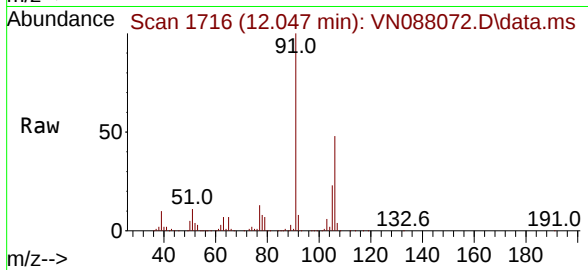
#67
m/p-Xylenes
Concen: 39.395 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 30471
Ion Ratio Lower Upper
106 100
91 203.0 161.4 242.0

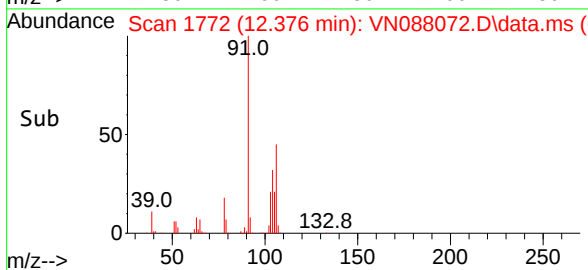
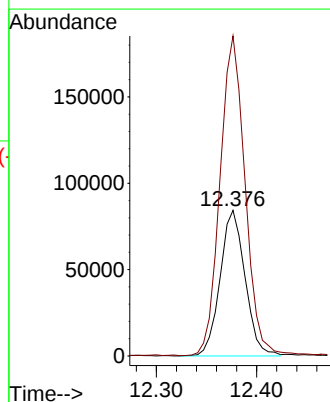
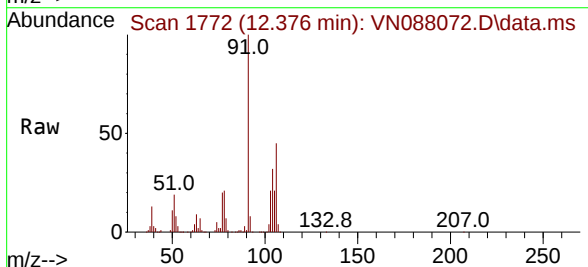
Manual Integrations
APPROVED

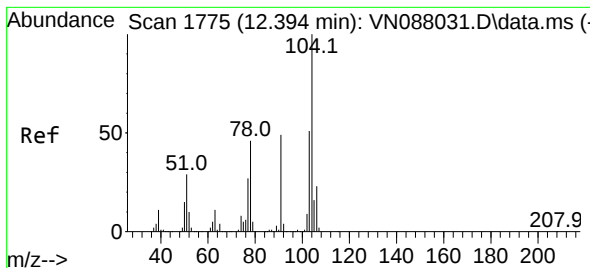
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#68
o-Xylene
Concen: 18.890 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion:106 Resp: 145451
Ion Ratio Lower Upper
106 100
91 220.8 105.2 315.6





#69

Styrene

Concen: 19.241 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088072.D

Acq: 20 Oct 2025 08:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

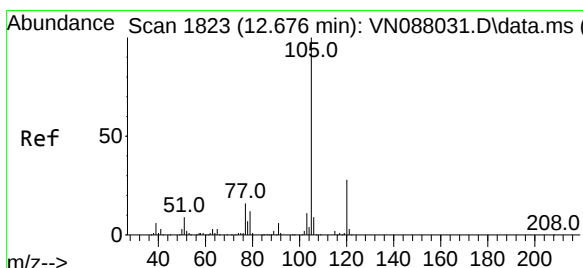
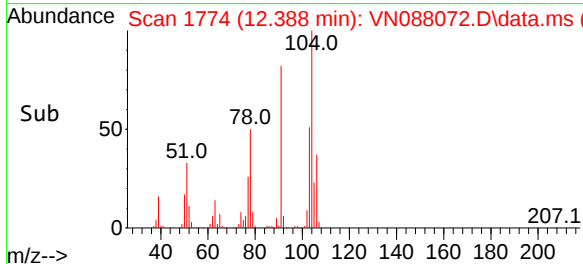
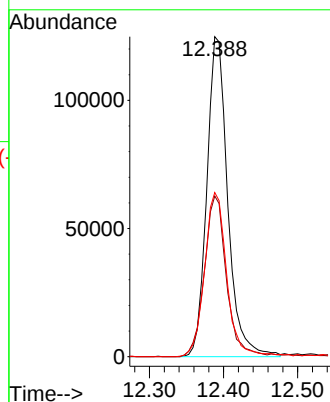
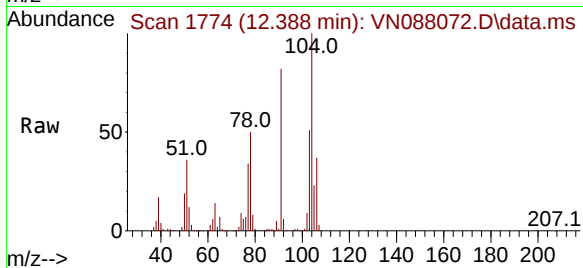
Tgt Ion:104 Resp: 245082
Ion Ratio Lower Upper
104 100
78 52.7 41.8 62.6
103 53.9 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2025

Supervised By :Semsettin Yesilyurt 10/21/2025



#70

Isopropylbenzene

Concen: 20.011 ug/l

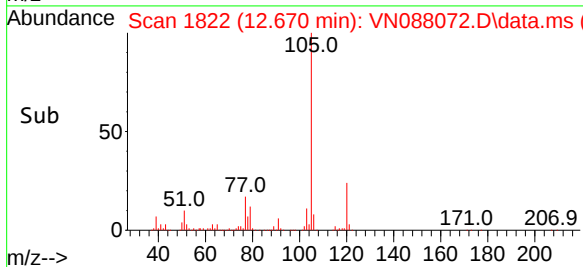
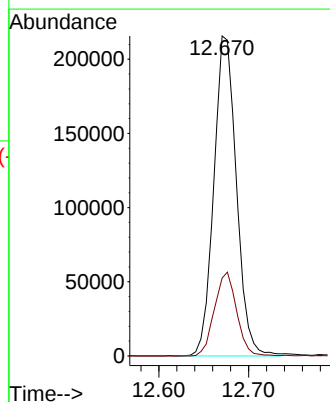
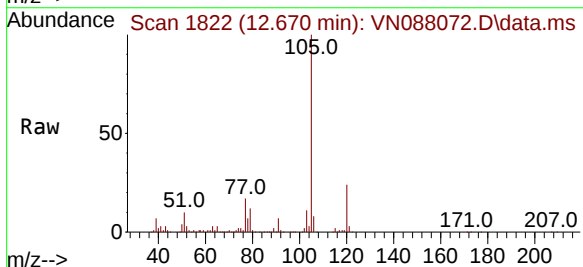
RT: 12.670 min Scan# 1822

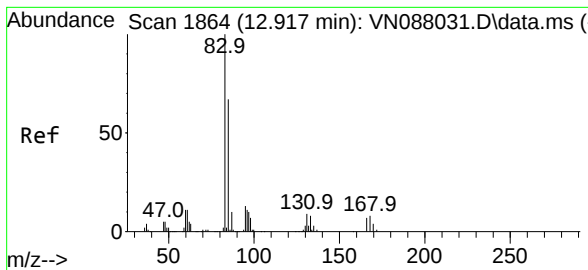
Delta R.T. -0.006 min

Lab File: VN088072.D

Acq: 20 Oct 2025 08:52

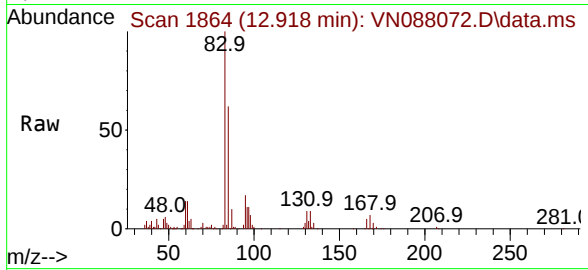
Tgt Ion:105 Resp: 377646
Ion Ratio Lower Upper
105 100
120 25.6 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.300 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

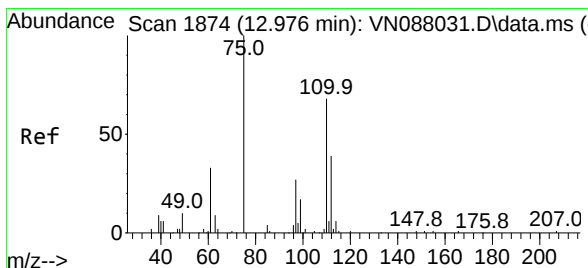
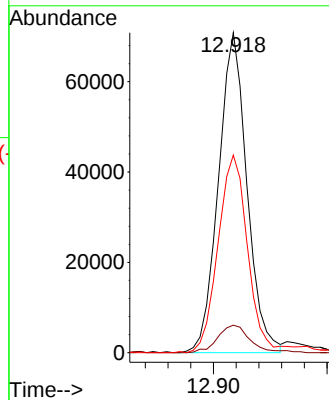
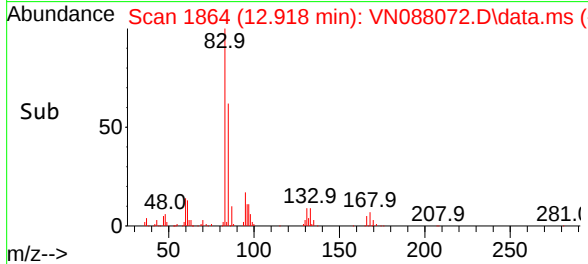
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



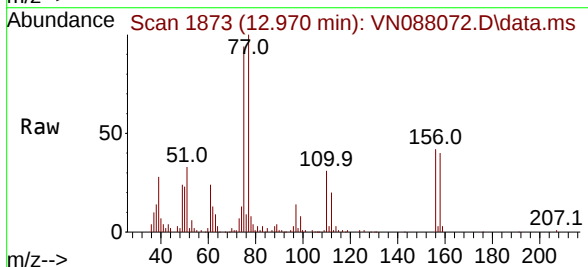
Tgt Ion: 83 Resp: 123484
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 63.1 32.4 97.2

Manual Integrations
APPROVED

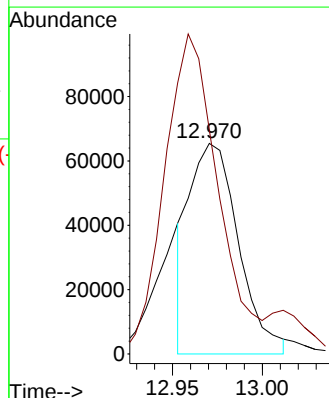
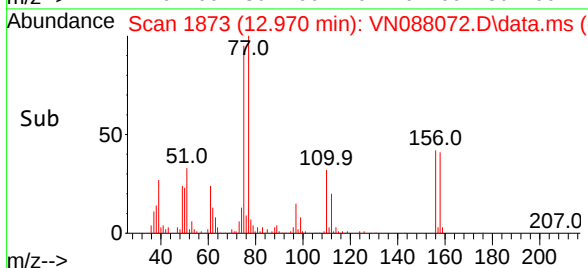
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

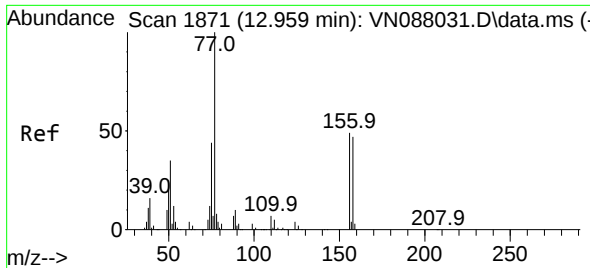


#72
1,2,3-Trichloropropane
Concen: 20.866 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



Tgt Ion: 75 Resp: 123985
Ion Ratio Lower Upper
75 100
77 166.3 0.0 364.0





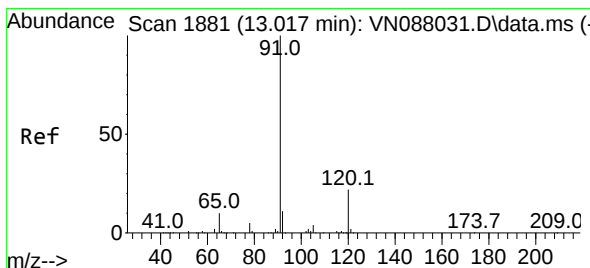
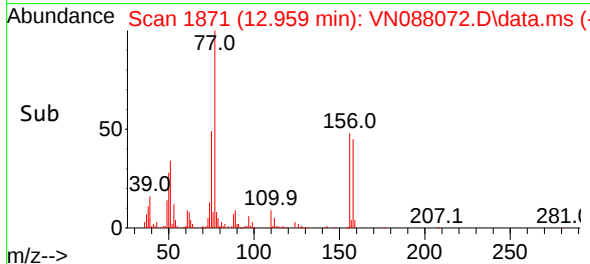
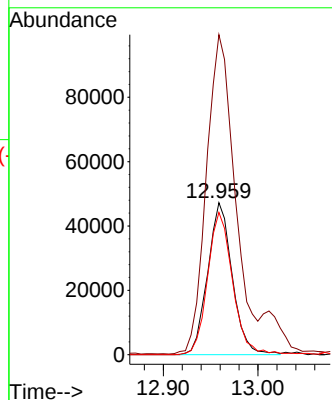
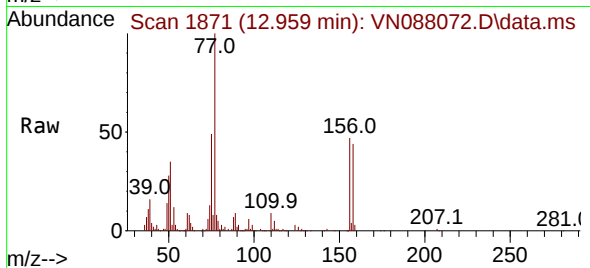
#73
Bromobenzene
Concen: 18.438 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:156 Resp: 85049
Ion Ratio Lower Upper
156 100
77 242.4 0.0 439.8
158 95.0 0.0 190.0

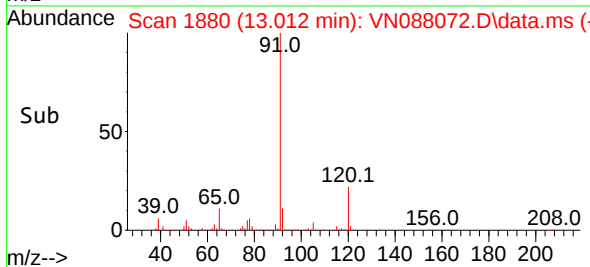
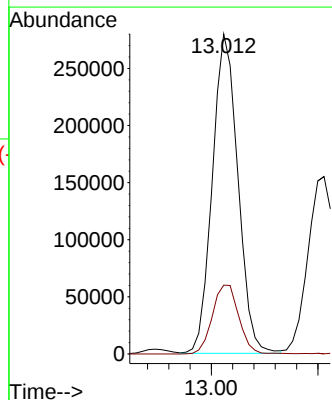
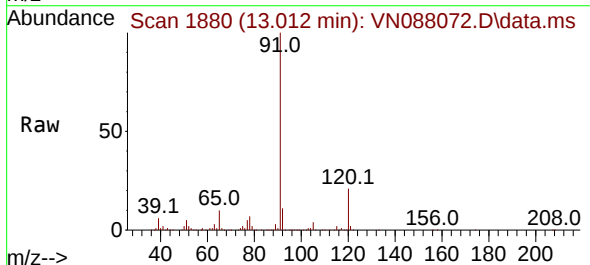
Manual Integrations
APPROVED

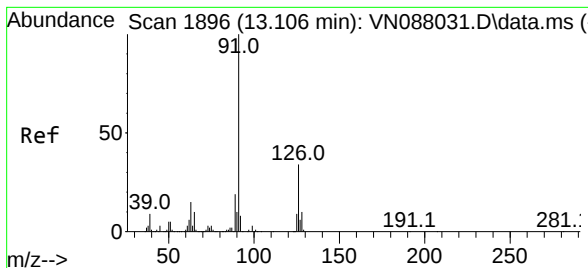
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#74
n-propylbenzene
Concen: 20.437 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion: 91 Resp: 465597
Ion Ratio Lower Upper
91 100
120 22.2 0.0 46.2





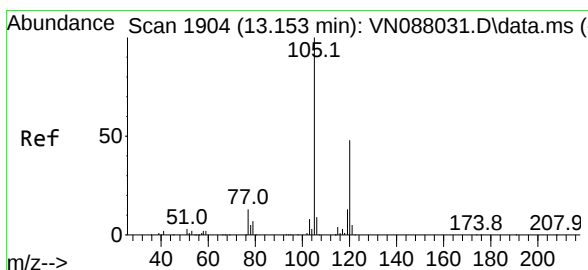
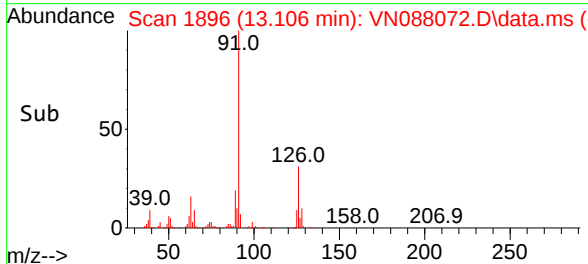
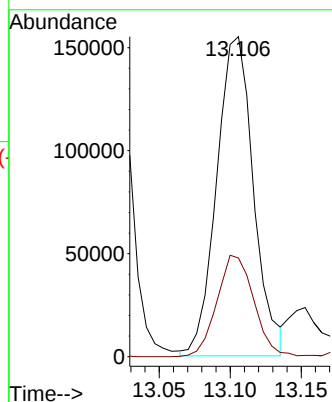
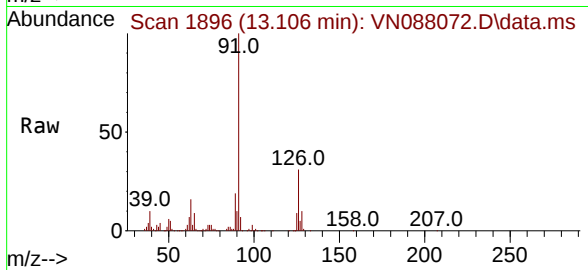
#75
2-Chlorotoluene
Concen: 20.097 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 27995
Ion Ratio Lower Upper
91 100
126 31.7 0.0 66.6

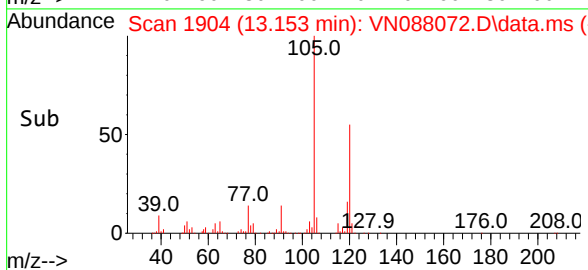
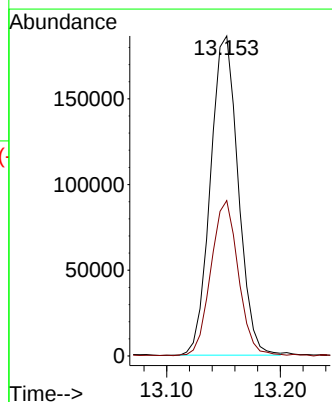
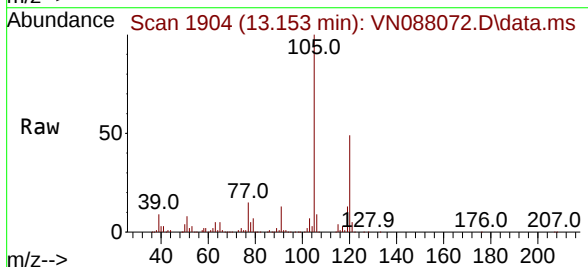
Manual Integrations
APPROVED

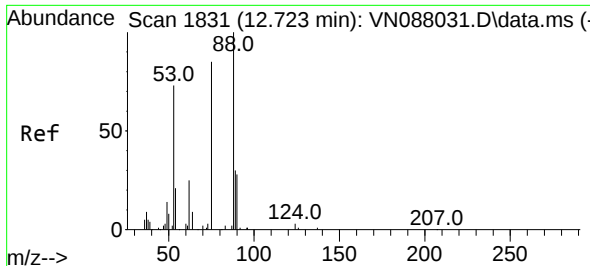
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.736 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

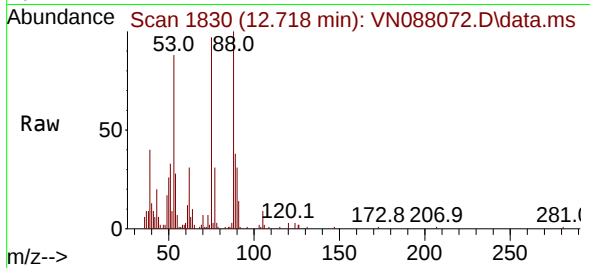
Tgt Ion:105 Resp: 316376
Ion Ratio Lower Upper
105 100
120 48.3 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.307 ug/l
RT: 12.718 min Scan# 1831
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

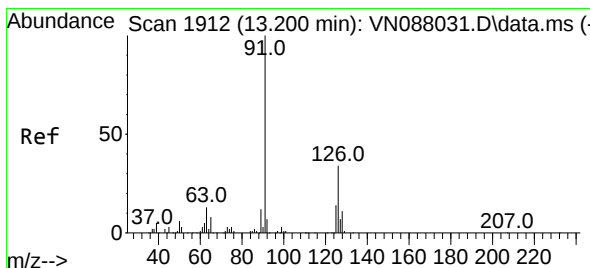
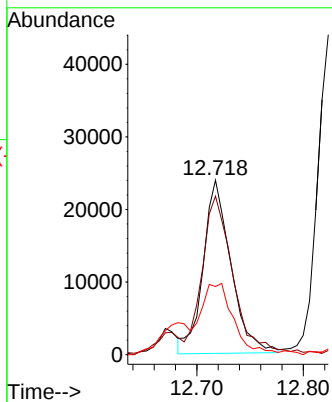
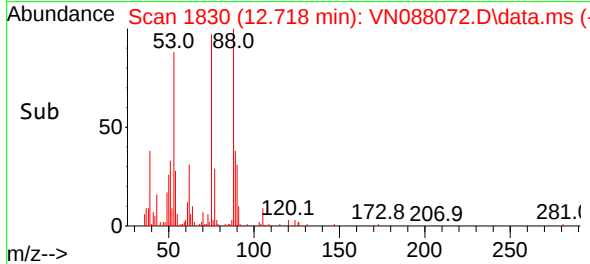
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 43352
Ion Ratio Lower Upper
75 100
53 90.5 41.8 125.3
89 38.9 19.9 59.6

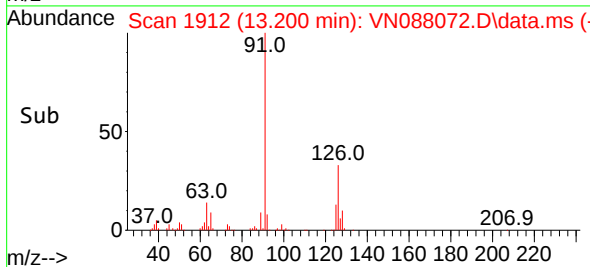
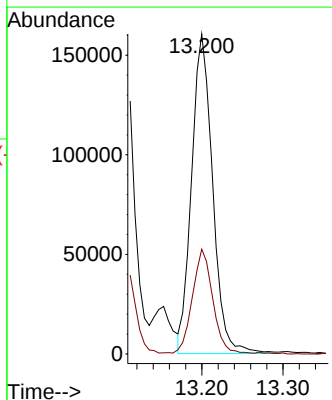
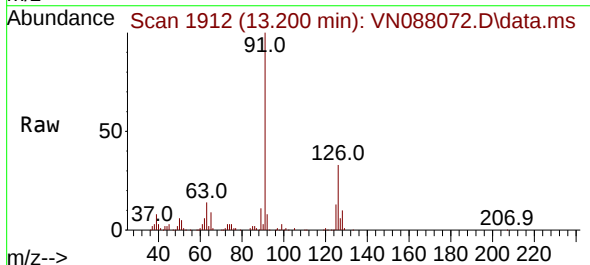
Manual Integrations
APPROVED

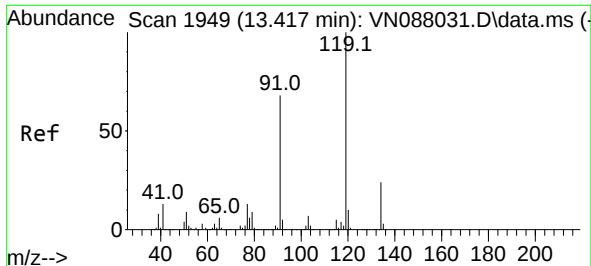
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#78
4-Chlorotoluene
Concen: 20.449 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion: 91 Resp: 289399
Ion Ratio Lower Upper
91 100
126 31.8 0.0 68.8





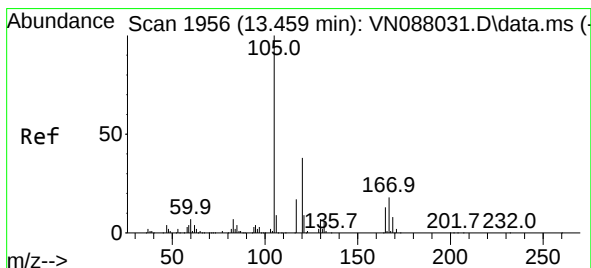
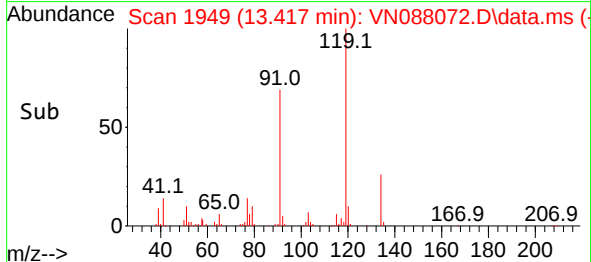
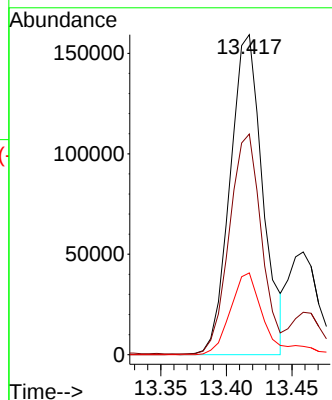
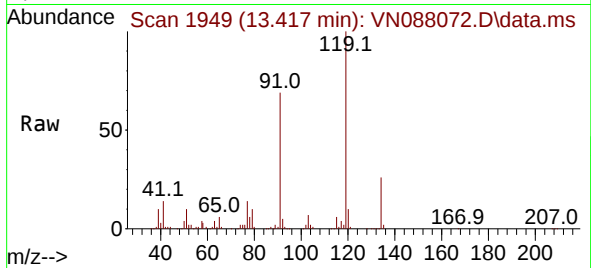
#79
tert-butylbenzene
Concen: 19.868 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 276100
Ion Ratio Lower Upper
119 100
91 67.4 0.0 132.4
134 24.7 0.0 48.6

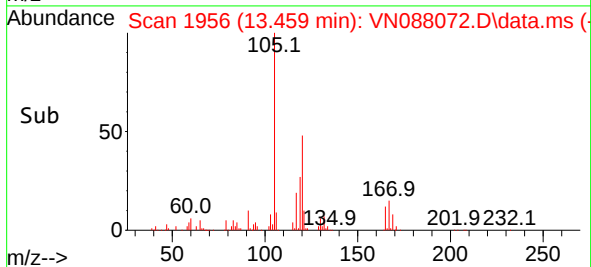
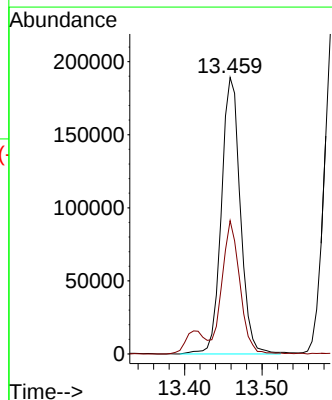
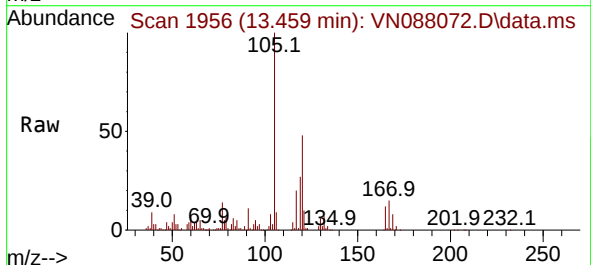
Manual Integrations
APPROVED

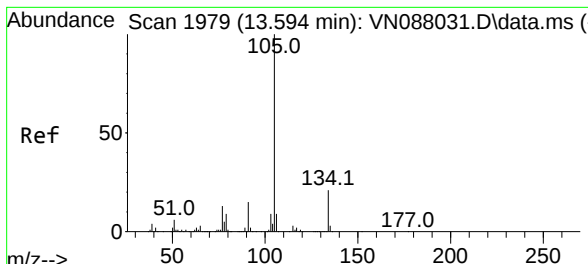
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.037 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion:105 Resp: 321547
Ion Ratio Lower Upper
105 100
120 45.2 0.0 93.8





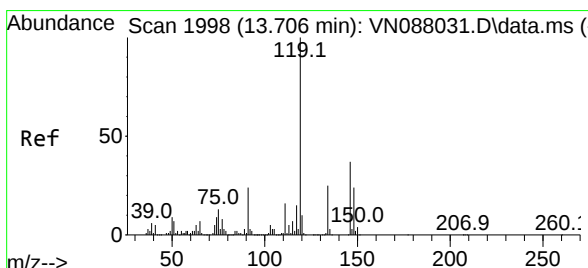
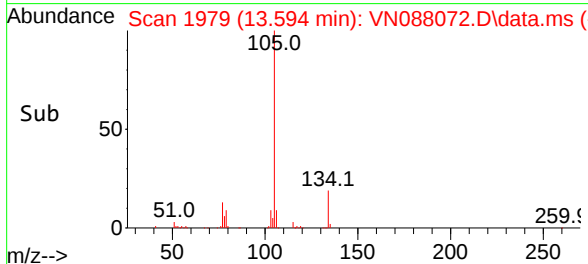
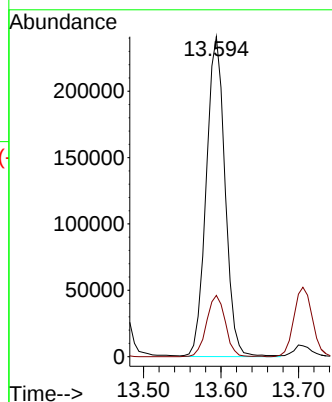
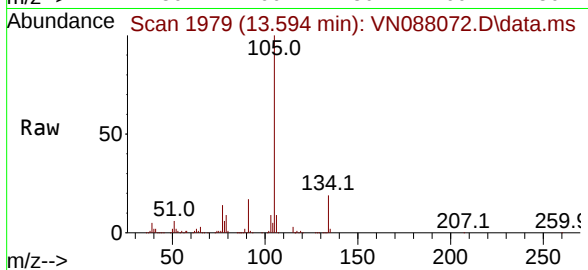
#81
 sec-Butylbenzene
 Concen: 20.761 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088072.D
 Acq: 20 Oct 2025 08:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 40565
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 41.2

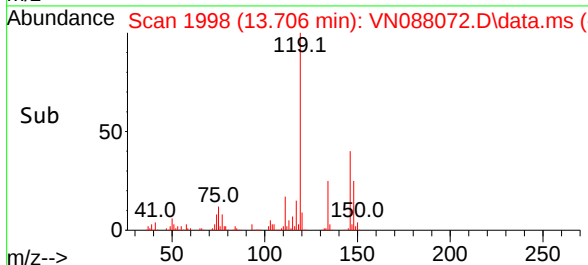
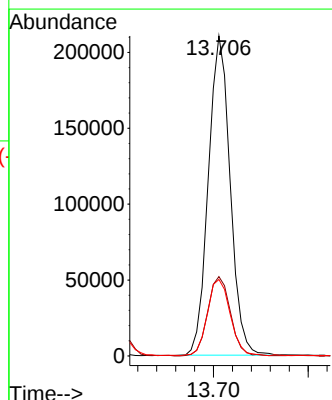
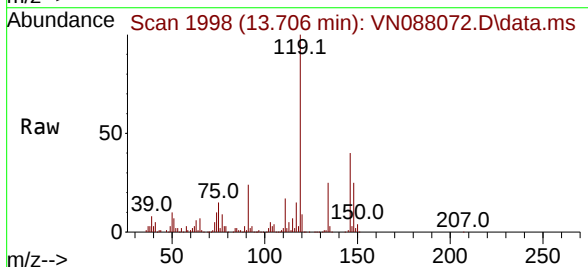
Manual Integrations
 APPROVED

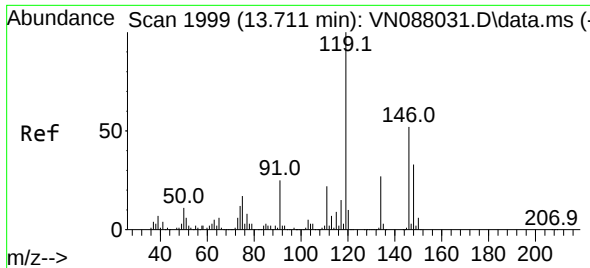
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025



#82
 p-Isopropyltoluene
 Concen: 20.191 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088072.D
 Acq: 20 Oct 2025 08:52

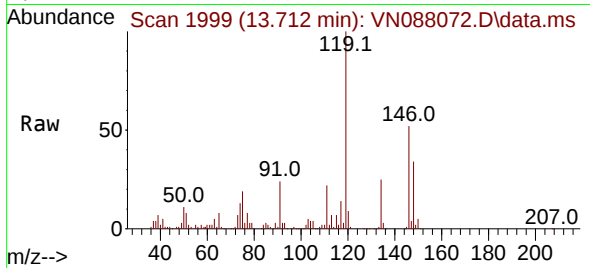
Tgt Ion:119 Resp: 336823
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 52.6
 91 24.9 0.0 48.2





#83
 1,3-Dichlorobenzene
 Concen: 19.315 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088072.D
 Acq: 20 Oct 2025 08:52

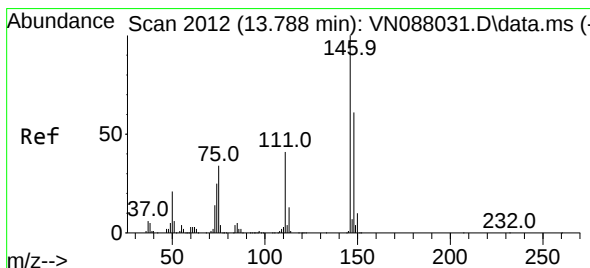
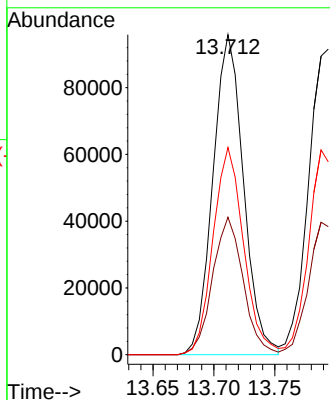
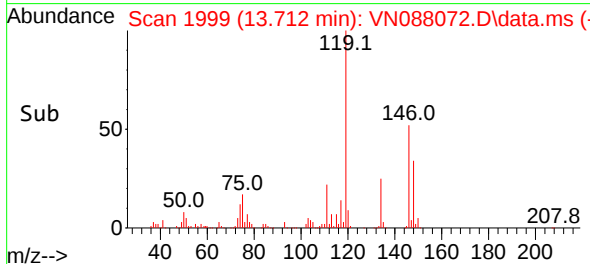
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



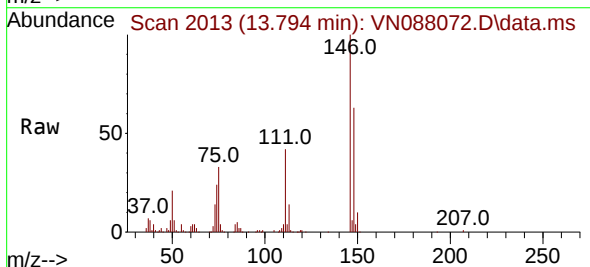
Tgt Ion:146 Resp: 167629
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.1 63.1
 148 64.8 31.5 94.5

Manual Integrations
 APPROVED

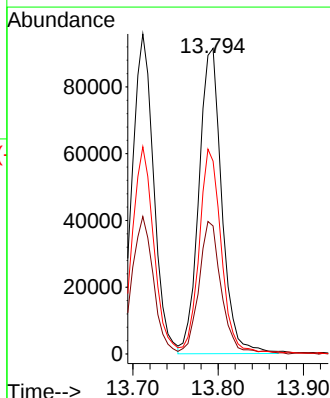
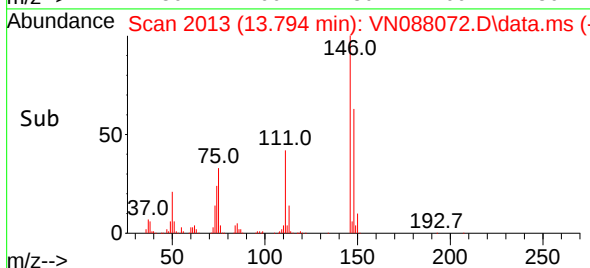
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

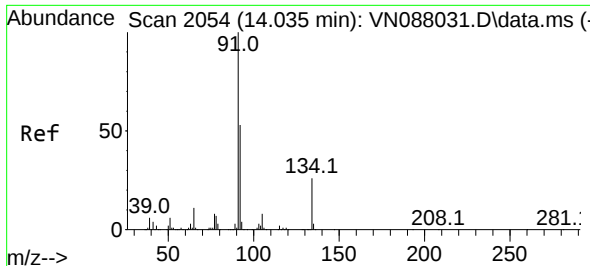


#84
 1,4-Dichlorobenzene
 Concen: 19.106 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.006 min
 Lab File: VN088072.D
 Acq: 20 Oct 2025 08:52



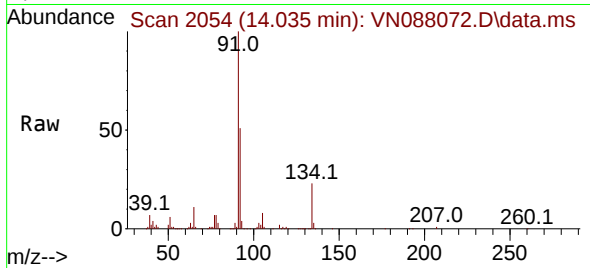
Tgt Ion:146 Resp: 171003
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.5 61.6
 148 62.6 31.9 95.9





#85
n-Butylbenzene
Concen: 20.996 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

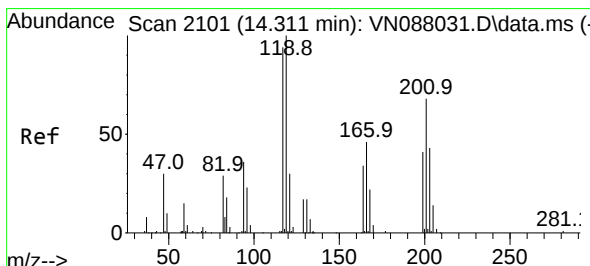
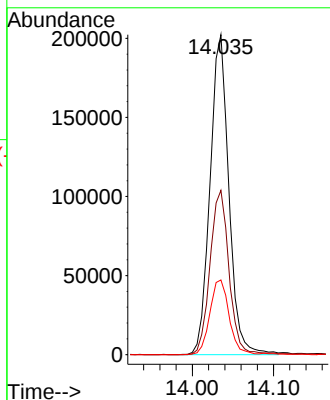
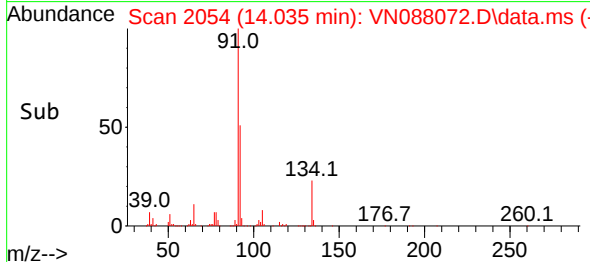
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



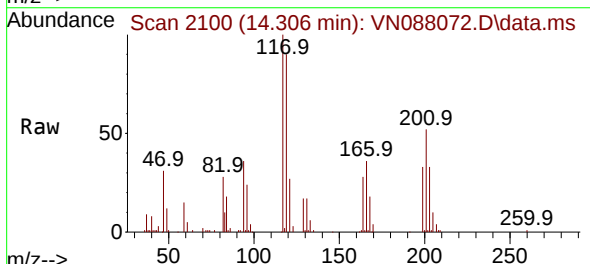
Tgt Ion: 91 Resp: 32584
Ion Ratio Lower Upper
91 100
92 51.7 0.0 107.6
134 24.0 0.0 52.6

Manual Integrations
APPROVED

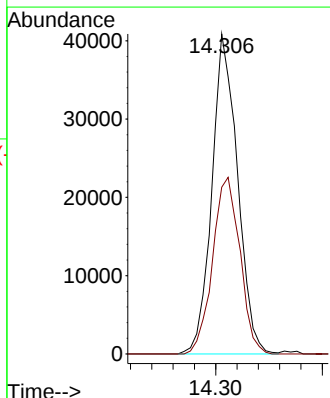
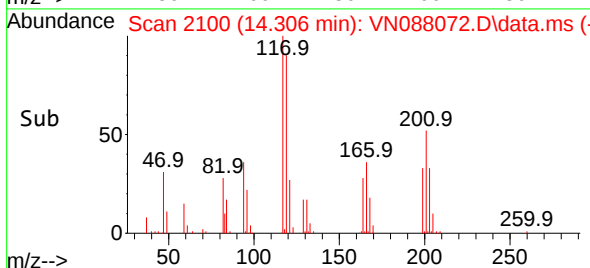
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

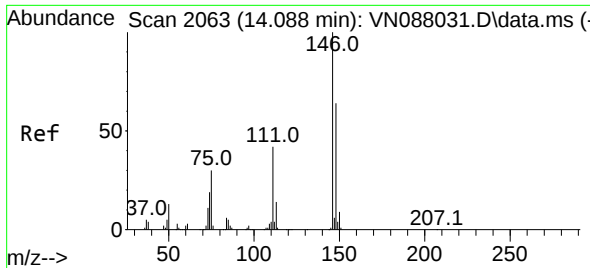


#86
Hexachloroethane
Concen: 20.397 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



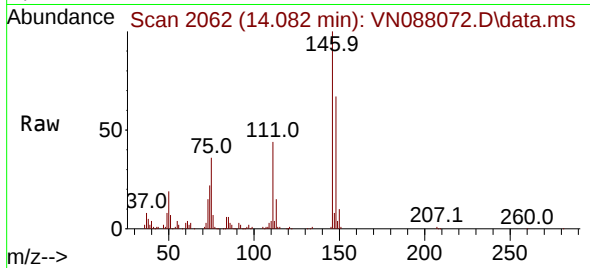
Tgt Ion:117 Resp: 68161
Ion Ratio Lower Upper
117 100
201 58.8 34.8 104.3





#87
 1,2-Dichlorobenzene
 Concen: 18.669 ug/l
 RT: 14.082 min Scan# 2063
 Delta R.T. -0.006 min
 Lab File: VN088072.D
 Acq: 20 Oct 2025 08:52

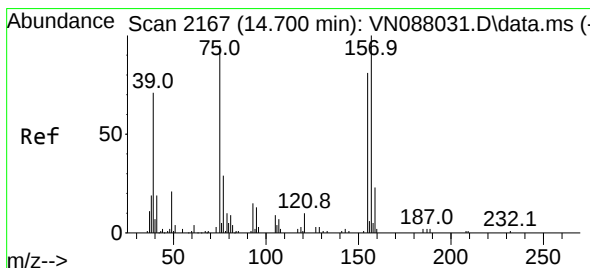
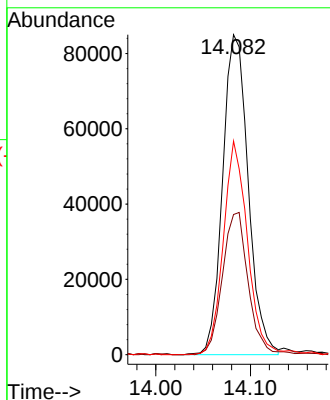
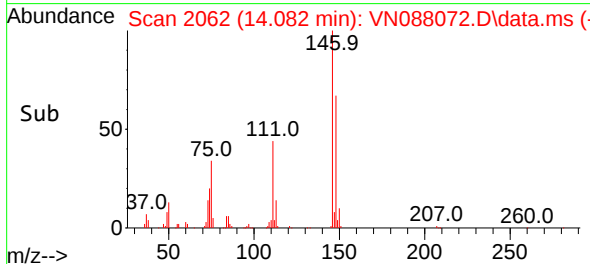
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



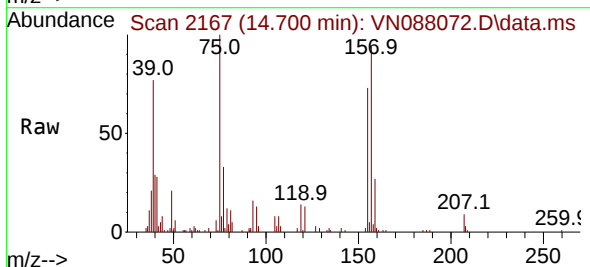
Tgt Ion:146 Resp: 15936
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.3 66.8
 148 62.8 31.4 94.3

Manual Integrations
 APPROVED

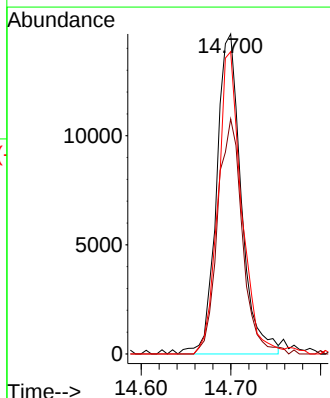
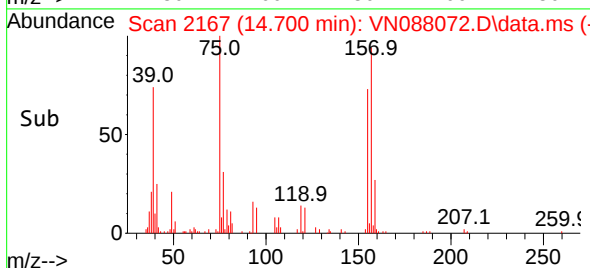
Reviewed By :John Carlone 10/21/2025
 Supervised By :Semsettin Yesilyurt 10/21/2025

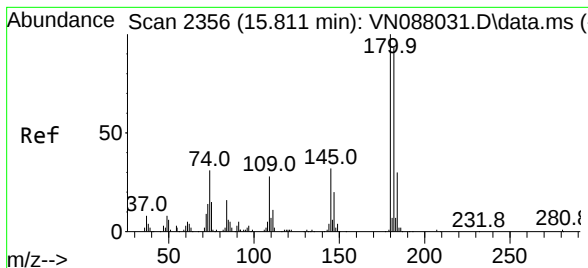


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.052 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VN088072.D
 Acq: 20 Oct 2025 08:52



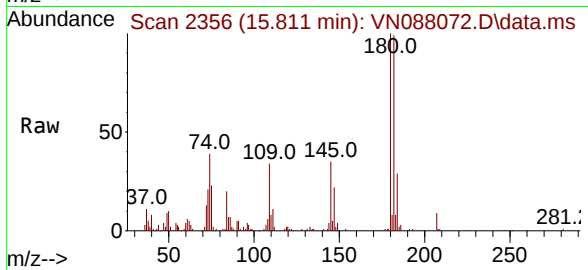
Tgt Ion: 75 Resp: 27995
 Ion Ratio Lower Upper
 75 100
 155 73.2 63.5 95.3
 157 90.2 81.7 122.5





#89
1,2,4-Trichlorobenzene
Concen: 17.519 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

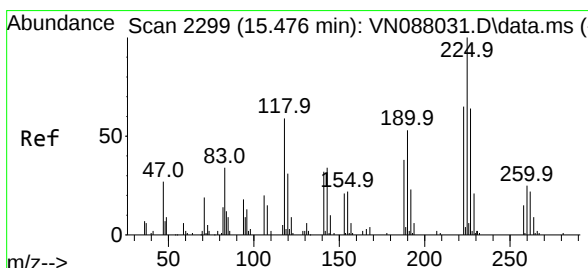
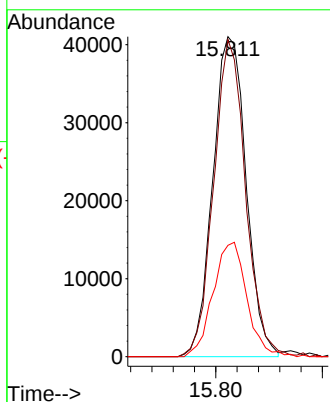
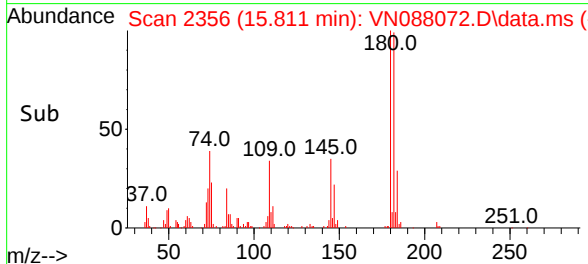
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



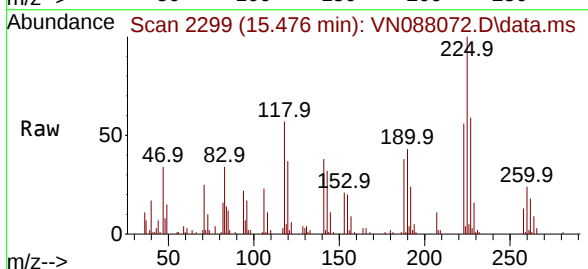
Tgt Ion:180 Resp: 89070
Ion Ratio Lower Upper
180 100
182 94.7 74.6 112.0
145 36.2 27.2 40.8

Manual Integrations
APPROVED

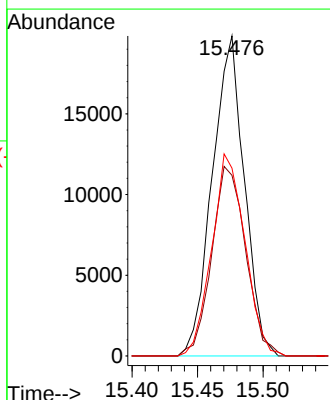
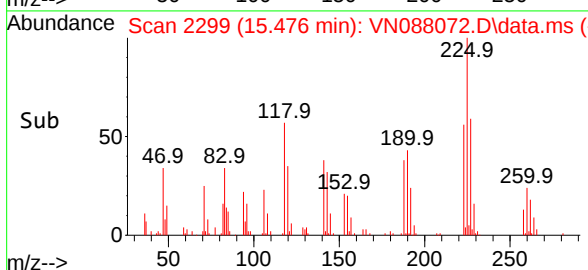
Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025

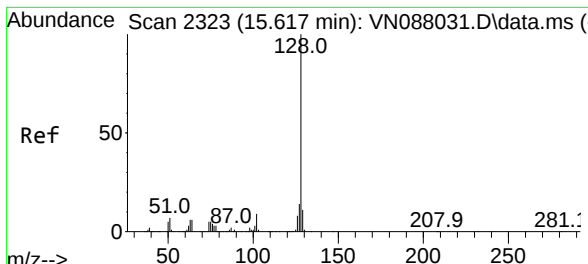


#90
Hexachlorobutadiene
Concen: 19.026 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52



Tgt Ion:225 Resp: 33669
Ion Ratio Lower Upper
225 100
223 62.9 0.0 129.6
227 65.3 0.0 132.2





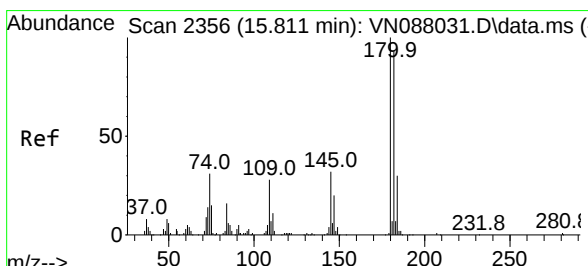
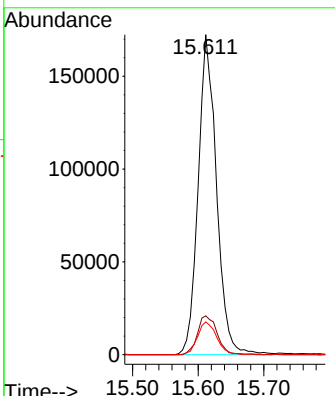
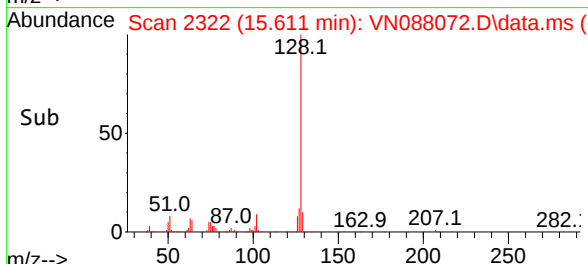
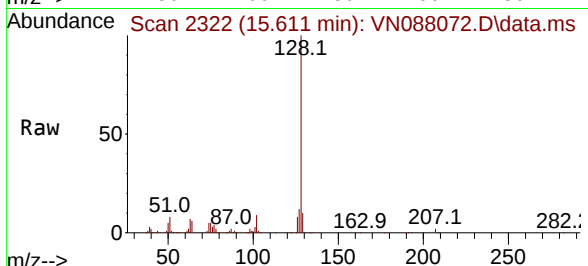
#91
Naphthalene
Concen: 18.031 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Instrument : MSVOA_N
ClientSampleId : VSTDCCC020

Tgt Ion:	128	Resp:	335650
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2025
Supervised By :Semsettin Yesilyurt 10/21/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.519 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088072.D
Acq: 20 Oct 2025 08:52

Tgt Ion:	180	Resp:	89076
Ion Ratio	Lower	Upper	
180	100		
182	94.7	0.0	186.6
145	36.2	0.0	68.0

