

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088278.D
 Acq On : 13 Nov 2025 11:50
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 14 00:35:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:31:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Semsettin Yesilyurt 11/14/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	58005	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	317019	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	293637	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	157963	33.756	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 112.533%#			
60) 4-Bromofluorobenzene	12.829	95	156905	32.446	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 108.167%			
63) Toluene-d8	10.547	98	418750	31.481	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 104.933%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	709810	200.169	ug/l	100
3) Chloromethane	2.383	50	668367	171.300	ug/l	96
4) Vinyl Chloride	2.536	62	726496	178.493	ug/l	99
5) Bromomethane	2.953	94	375277	172.250	ug/l	91
6) Chloroethane	3.124	64	434399	163.663	ug/l	97
7) Trichlorofluoromethane	3.506	101	1038285	184.971	ug/l	95
8) Diethyl Ether	3.959	74	355635	147.948	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	547868	183.214	ug/l	97
10) 1,1-Dichloroethene	4.336	96	517537	165.732	ug/l	87
11) Methyl Iodide	4.577	142	591847	195.920	ug/l	85
12) Methyl Acetate	5.018	43	781462	155.390	ug/l	94
13) Acrolein	4.177	56	588784	766.915	ug/l	98
14) Acrylonitrile	5.712	53	1792462	748.818	ug/l	99
15) Acetone	4.424	58	534918	764.044	ug/l	91
16) Carbon Disulfide	4.700	76	1711397	171.629	ug/l	99
17) Allyl chloride	5.012	41	969891	164.560	ug/l	96
18) Methylene Chloride	5.265	84	582523	148.024	ug/l	92
19) trans-1,2-Dichloroethene	5.777	96	577960	160.214	ug/l	97
20) Diisopropyl ether	6.659	45	2113687	160.079	ug/l	95
21) 1,1-Dichloroethane	6.553	63	1155893	164.822	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	670659	151.876	ug/l	99
23) tert-Butyl Alcohol	5.530	59	625469	667.554	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	2019738	153.759	ug/l	98
25) Chloroform	7.947	83	1147984	160.537	ug/l	98
26) Cyclohexane	8.235	56	1077697	183.543	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	859630	181.769	ug/l	98
30) 2-Butanone	7.471	43	2664153	795.735	ug/l	100
31) 2,2-Dichloropropane	7.471	77	1044376	173.782	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	1032260	176.224	ug/l	99
33) Carbon Tetrachloride	8.347	117	901323	182.420	ug/l	99
34) Benzene	8.588	78	2433755	159.383	ug/l	99
35) Methacrylonitrile	7.765	41	549670	156.696	ug/l	98
36) 1,2-Dichloroethane	8.653	62	946592	174.871	ug/l	98
37) Trichloroethene	9.335	130	553150	154.362	ug/l	96
38) Methylcyclohexane	9.582	83	1047944	181.852	ug/l	99
39) 1,2-Dichloropropane	9.600	63	620150	161.548	ug/l	98
40) Dibromomethane	9.688	93	445197	159.562	ug/l	100
41) Bromodichloromethane	9.871	83	931442	164.661	ug/l	99
42) Vinyl Acetate	6.588	43	8882940m	771.895	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088278.D
 Acq On : 13 Nov 2025 11:50
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

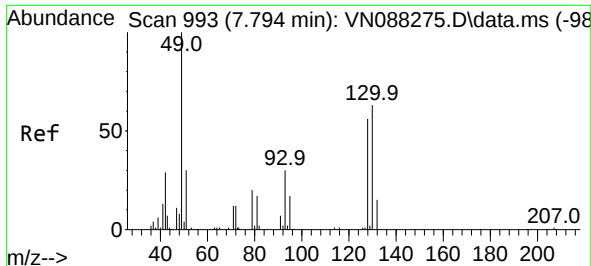
Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:35:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:31:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	1028651m	157.776	ug/l	
44) Isopropyl Acetate	8.671	43	1685410	160.261	ug/l	100
45) 1,4-Dioxane	9.682	88	189937	2786.344	ug/l	96
46) Methyl methacrylate	9.665	41	816245	171.256	ug/l	94
47) n-amyl Acetate	12.482	43	886019	178.936	ug/l #	100
48) t-1,3-Dichloropropene	10.818	75	1031386	165.696	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	1045380	160.111	ug/l	99
50) 1,1,2-Trichloroethane	10.994	97	549793	151.328	ug/l	97
51) Ethyl methacrylate	10.853	69	1004034	164.532	ug/l	95
52) 1,3-Dichloropropane	11.141	76	1024092	160.116	ug/l	100
53) Dibromochloromethane	11.335	129	665870	154.580	ug/l	98
54) 1,2-Dibromoethane	11.447	107	585979	151.875	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	2859403	867.631	ug/l	99
56) Bromoform	12.559	173	437240	152.024	ug/l	98
58) 4-Methyl-2-Pentanone	10.423	43	5148363	780.630	ug/l	100
59) 2-Hexanone	11.176	43	3710506	855.949	ug/l	100
61) Tetrachloroethene	11.082	164	471972	156.418	ug/l	97
62) Toluene	10.606	91	2615873	155.630	ug/l	99
64) Chlorobenzene	11.870	112	1614092	152.242	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	550423	151.164	ug/l	96
66) Ethyl Benzene	11.941	91	3012482	164.765	ug/l	97
67) m/p-Xylenes	12.047	106	2231809	318.811	ug/l	98
68) o-Xylene	12.376	106	1059250	154.351	ug/l	100
69) Styrene	12.388	104	1832890	159.954	ug/l	98
70) Isopropylbenzene	12.670	105	2887068	167.970	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	864951	150.136	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	827243m	154.690	ug/l	
73) Bromobenzene	12.959	156	605473	147.441	ug/l	97
74) n-propylbenzene	13.011	91	3494880	167.395	ug/l	100
75) 2-Chlorotoluene	13.100	91	2070119	163.004	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	2410543	165.784	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	335518	159.527	ug/l	99
78) 4-Chlorotoluene	13.200	91	2139279	165.851	ug/l	100
79) tert-butylbenzene	13.417	119	2057918	164.402	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	2388876	164.890	ug/l	99
81) sec-Butylbenzene	13.594	105	3013988	168.738	ug/l	99
82) p-Isopropyltoluene	13.706	119	2513693	166.202	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	1197075	153.157	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	1213140	151.929	ug/l	99
85) n-Butylbenzene	14.035	91	2431132	171.034	ug/l	97
86) Hexachloroethane	14.311	117	468741	156.422	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	1121846	147.186	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	215743	165.376	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	662170	148.463	ug/l	98
90) Hexachlorobutadiene	15.476	225	257201	159.893	ug/l	96
91) Naphthalene	15.611	128	2454033	150.750	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	662170	148.463	ug/l	98

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



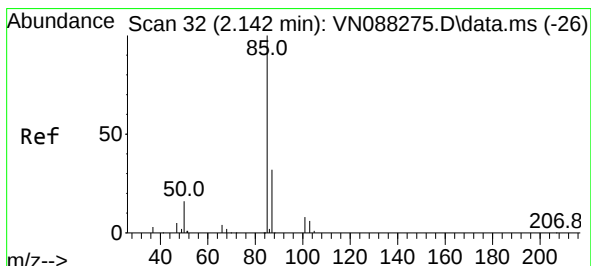
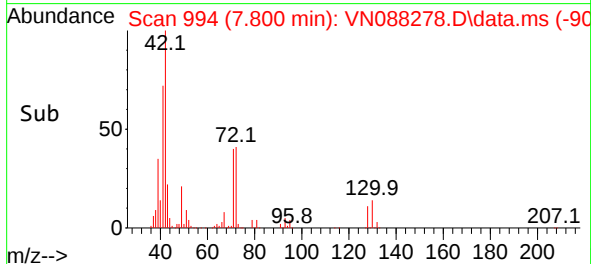
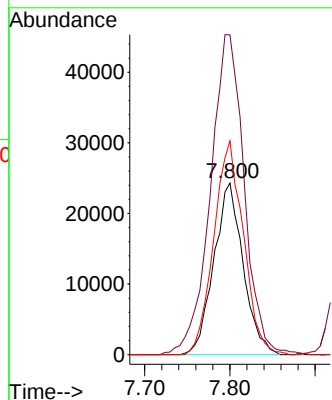
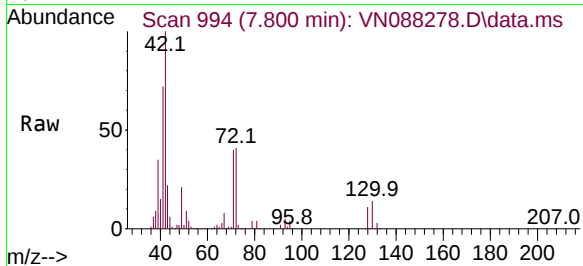
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150

Tgt Ion: 128 Resp: 58005
Ion Ratio Lower Upper
128 100
49 215.1 0.0 501.2
130 126.4 0.0 320.2

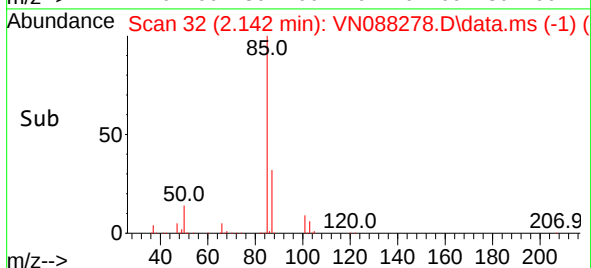
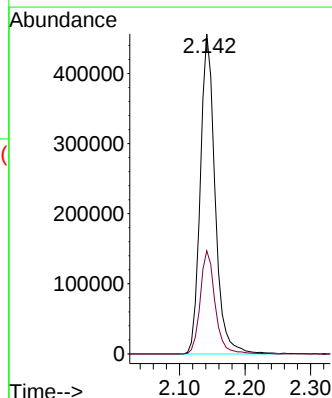
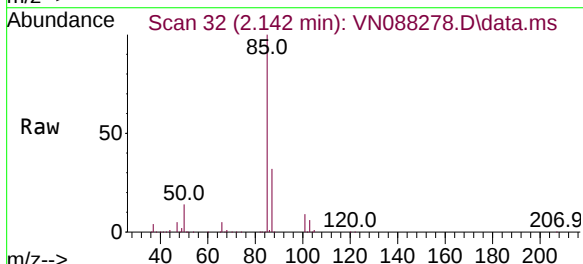
Manual Integrations
APPROVED

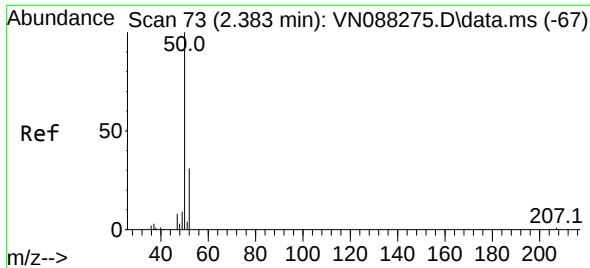
Reviewed By : John Carlone 11/14/2025
Supervised By : Semsettin Yesilyurt 11/14/2025



#2
Dichlorodifluoromethane
Concen: 200.169 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

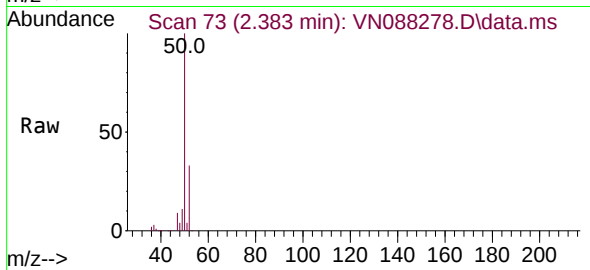
Tgt Ion: 85 Resp: 709810
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0





#3
Chloromethane
Concen: 171.300 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

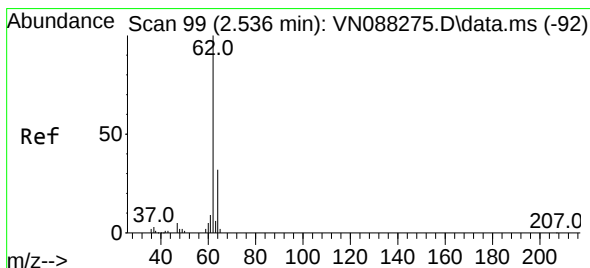
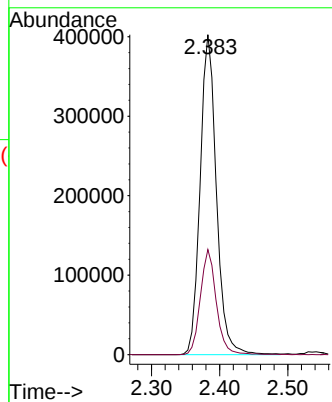
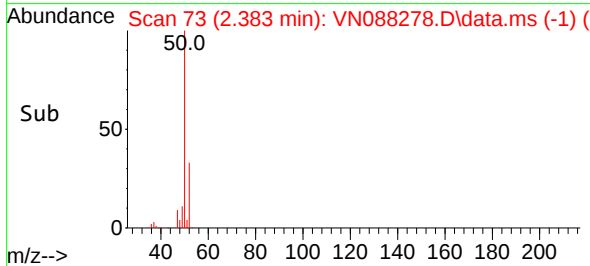
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



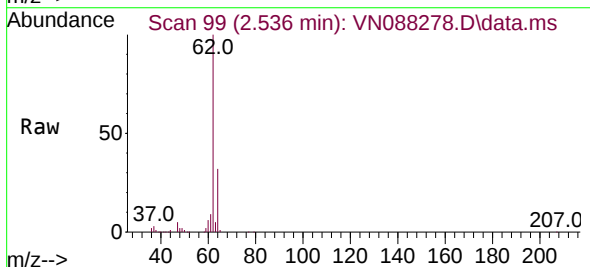
Tgt Ion: 50 Resp: 668362
Ion Ratio Lower Upper
50 100
52 32.8 24.6 36.8

Manual Integrations
APPROVED

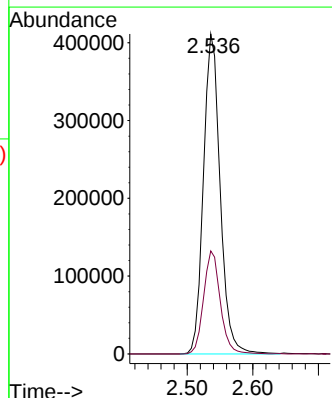
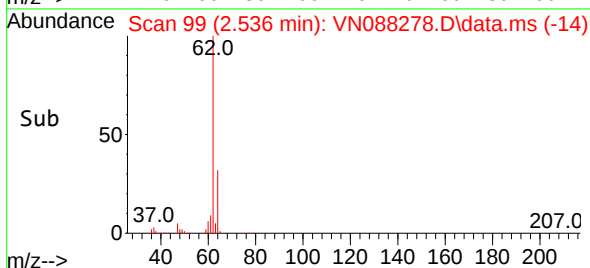
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

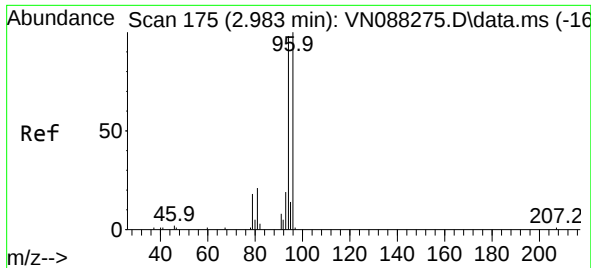


#4
Vinyl Chloride
Concen: 178.493 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



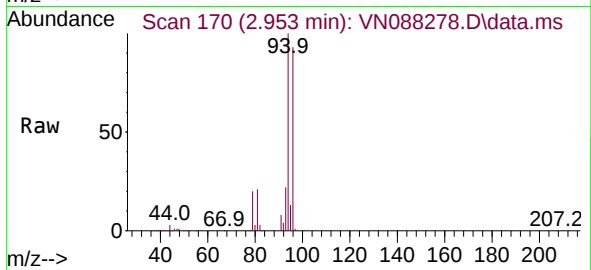
Tgt Ion: 62 Resp: 726496
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.2





#5
Bromomethane
Concen: 172.250 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.030 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

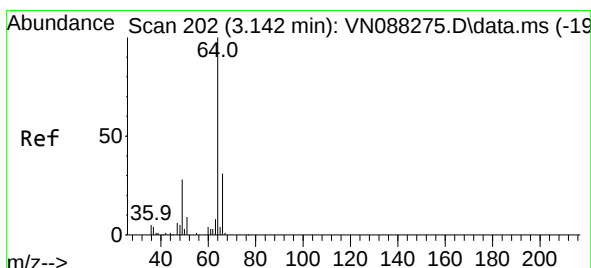
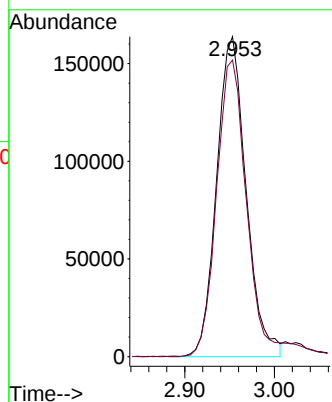
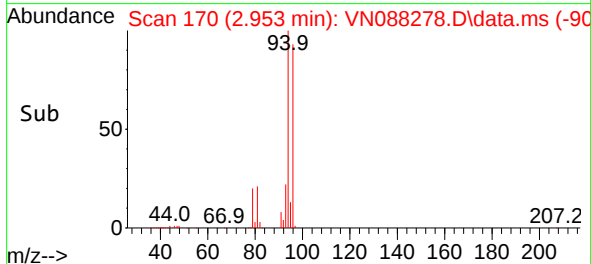
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 37527
Ion Ratio Lower Upper
94 100
96 92.6 81.3 121.9

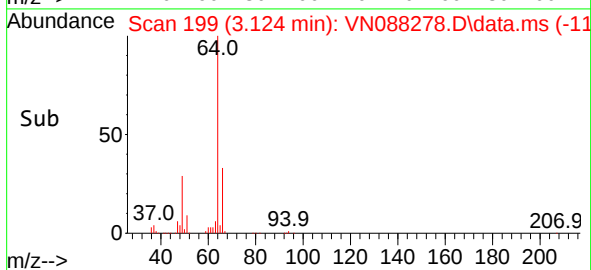
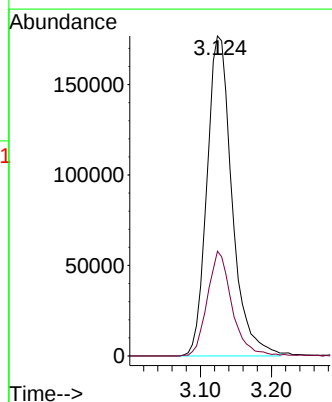
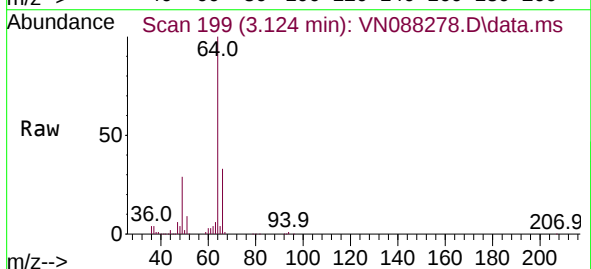
Manual Integrations
APPROVED

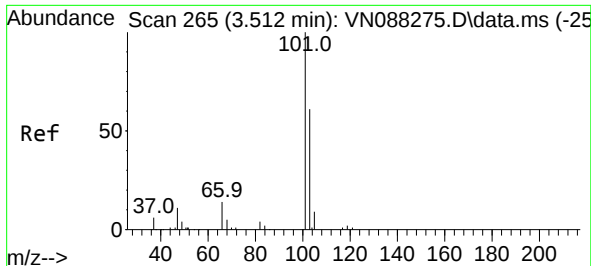
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#6
Chloroethane
Concen: 163.663 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.018 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion: 64 Resp: 434399
Ion Ratio Lower Upper
64 100
66 32.7 24.7 37.1





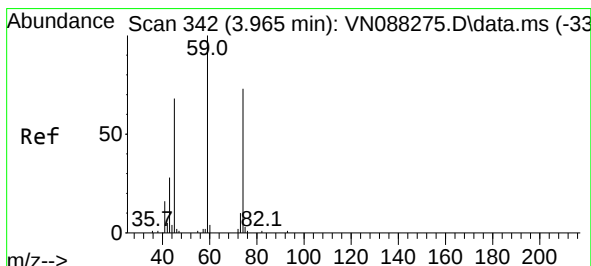
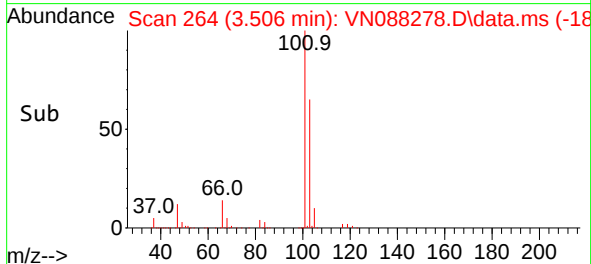
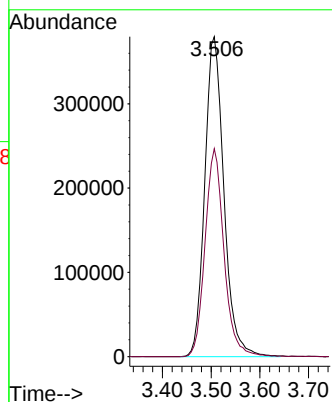
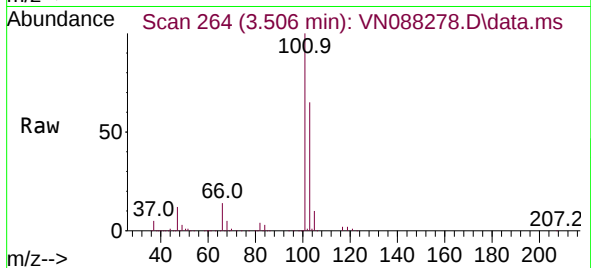
#7
 Trichlorofluoromethane
 Concen: 184.971 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN088278.D
 Acq: 13 Nov 2025 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:101 Resp: 1038285
 Ion Ratio Lower Upper
 101 100
 103 65.0 48.6 73.0

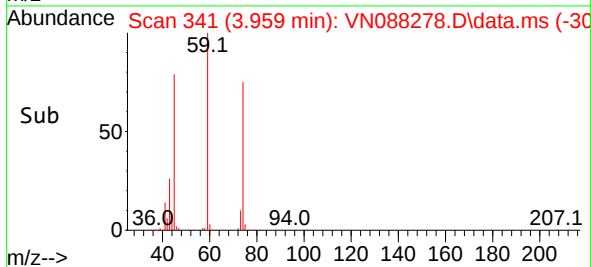
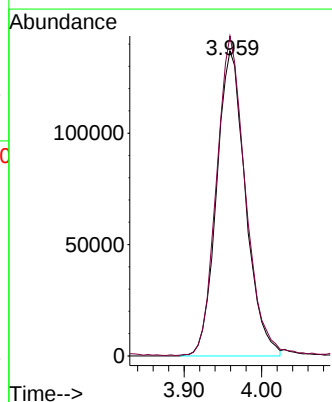
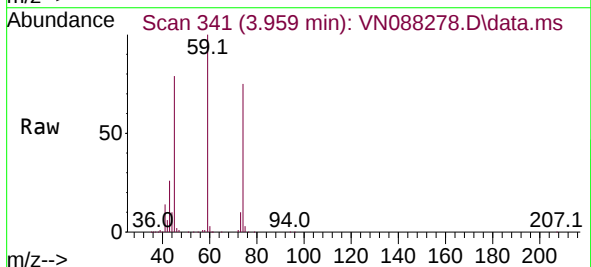
Manual Integrations
 APPROVED

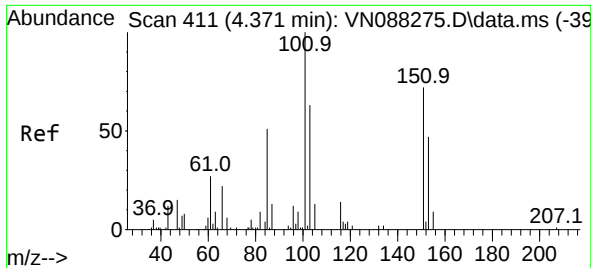
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#8
 Diethyl Ether
 Concen: 147.948 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN088278.D
 Acq: 13 Nov 2025 11:50

Tgt Ion: 74 Resp: 355635
 Ion Ratio Lower Upper
 74 100
 45 105.1 20.9 187.7





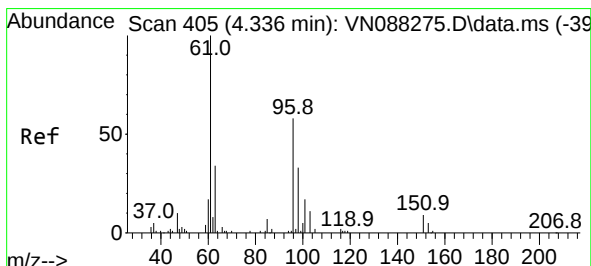
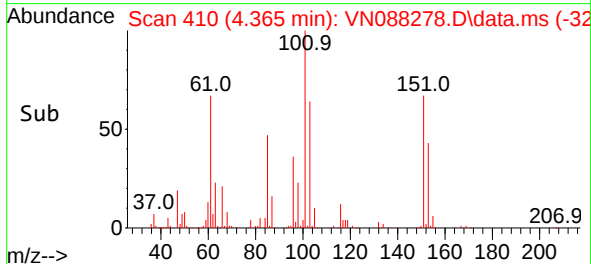
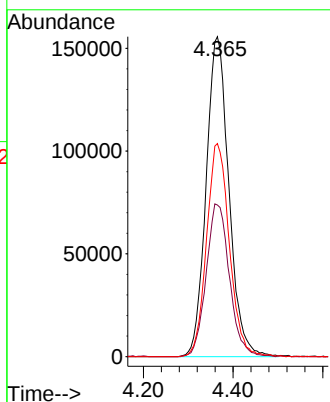
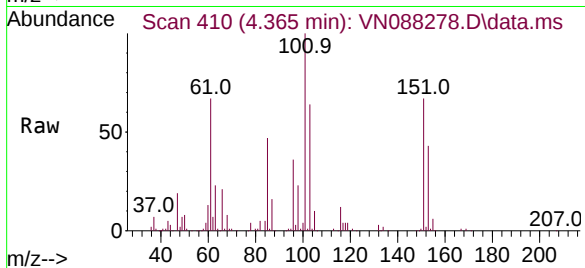
#9
1,1,2-Trichlorotrifluoroethane
Concen: 183.214 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 547868
Ion Ratio Lower Upper
101 100
85 48.7 0.0 100.8
151 66.6 0.0 138.4

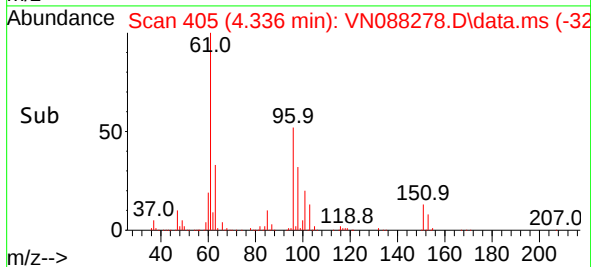
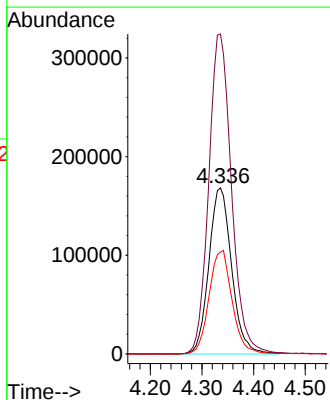
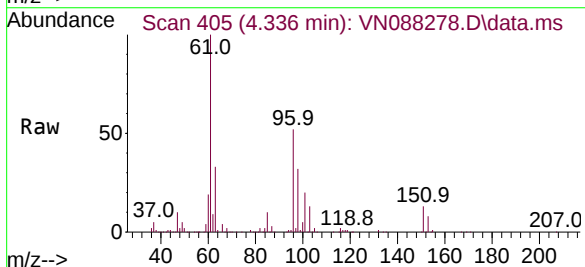
Manual Integrations
APPROVED

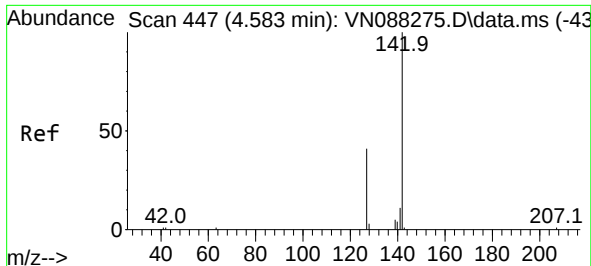
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#10
1,1-Dichloroethene
Concen: 165.732 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

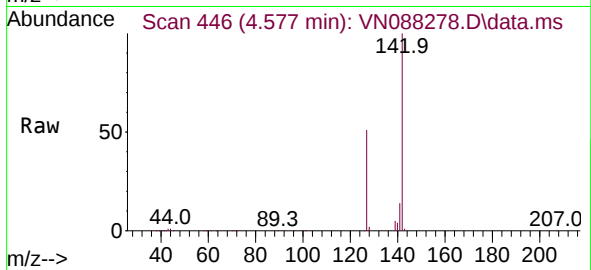
Tgt Ion: 96 Resp: 517537
Ion Ratio Lower Upper
96 100
61 192.8 137.8 206.8
98 61.4 45.6 68.4





#11
Methyl Iodide
Concen: 195.920 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

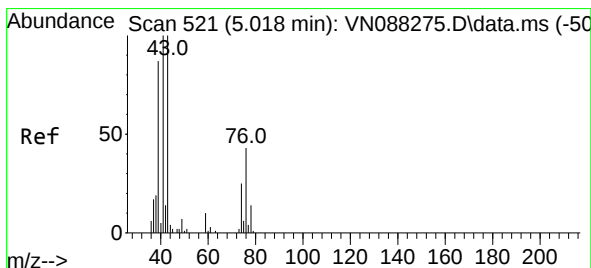
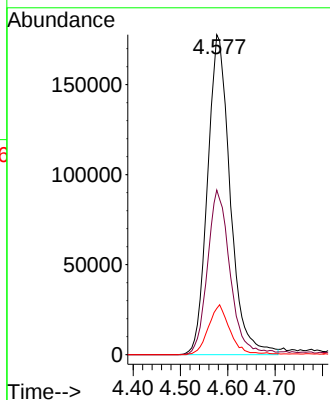
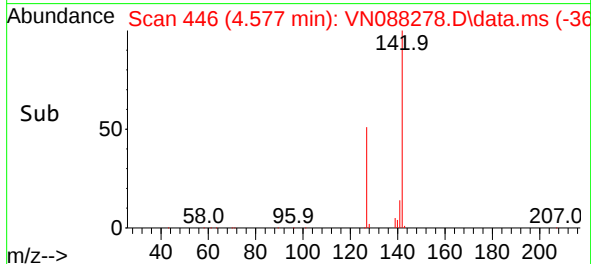
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 59184
Ion Ratio Lower Upper
142 100
127 51.4 20.4 61.2
141 14.4 5.6 16.8

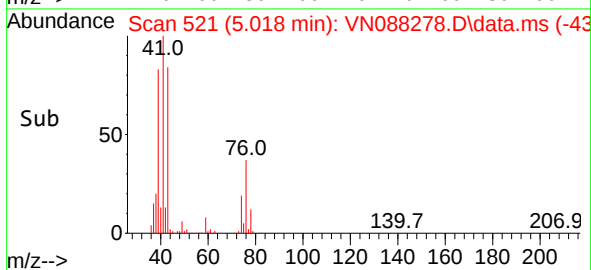
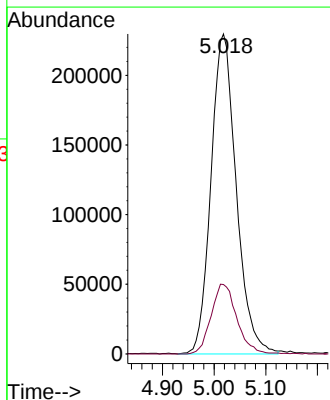
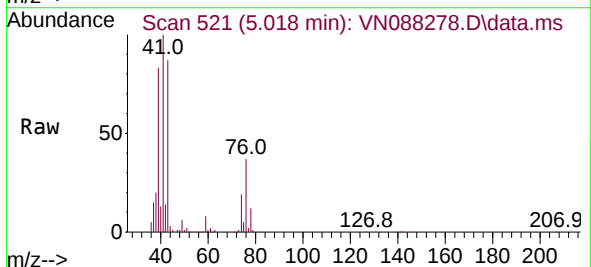
Manual Integrations
APPROVED

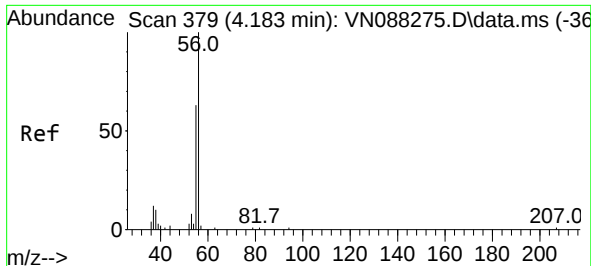
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#12
Methyl Acetate
Concen: 155.390 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

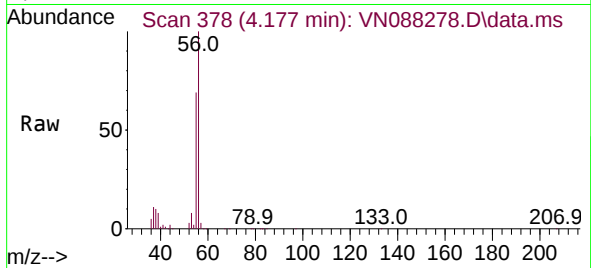
Tgt Ion: 43 Resp: 781462
Ion Ratio Lower Upper
43 100
74 21.6 19.8 29.8





#13
Acrolein
Concen: 766.915 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

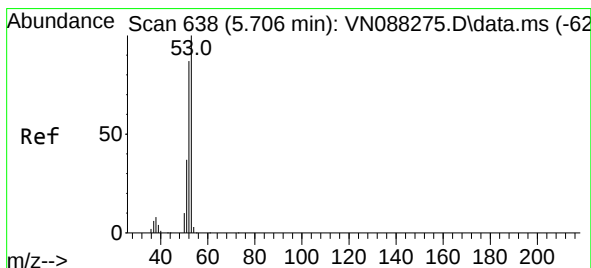
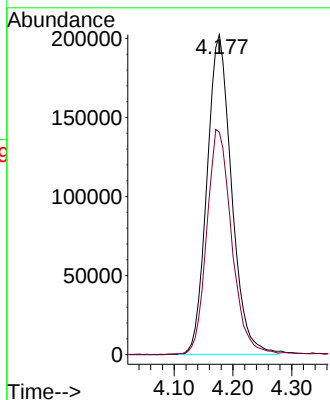
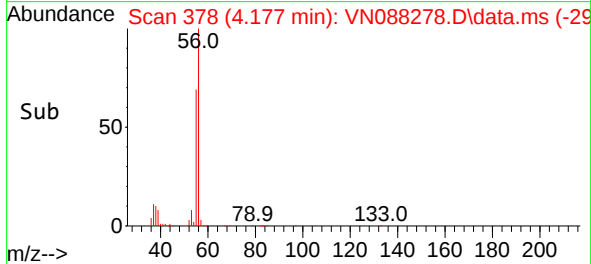
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



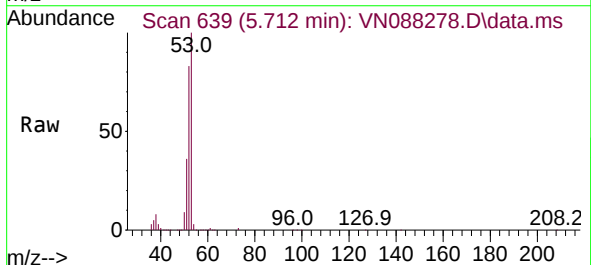
Tgt Ion: 56 Resp: 588784
Ion Ratio Lower Upper
56 100
55 71.1 57.9 86.9

Manual Integrations
APPROVED

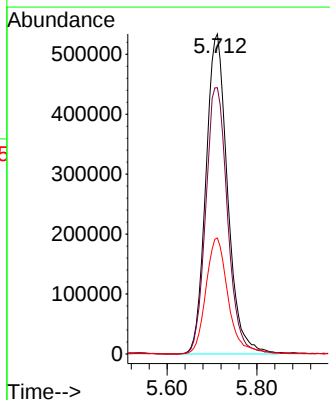
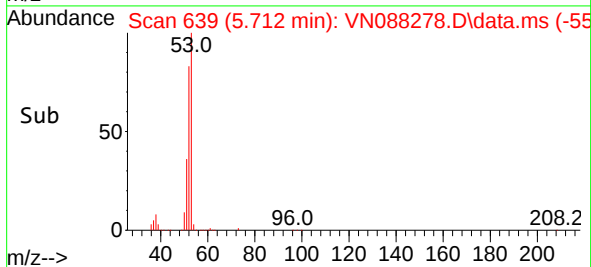
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

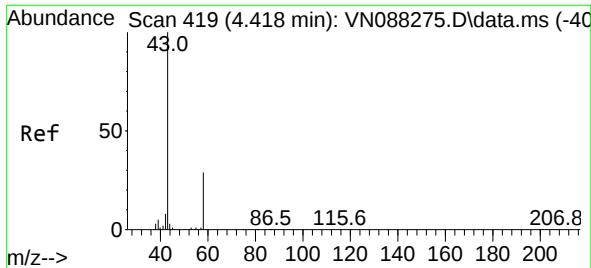


#14
Acrylonitrile
Concen: 748.818 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



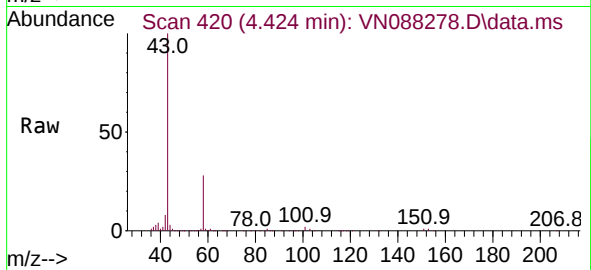
Tgt Ion: 53 Resp: 1792462
Ion Ratio Lower Upper
53 100
52 83.8 42.3 126.9
51 37.3 18.4 55.2





#15
Acetone
Concen: 764.044 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

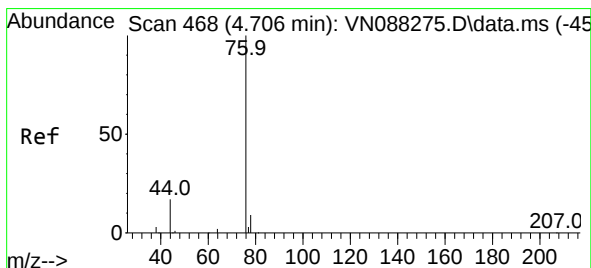
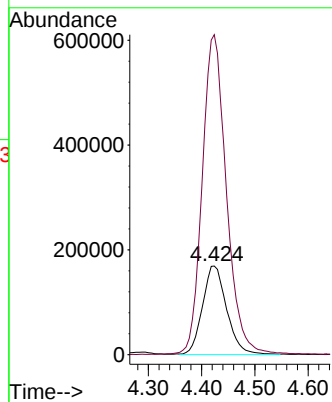
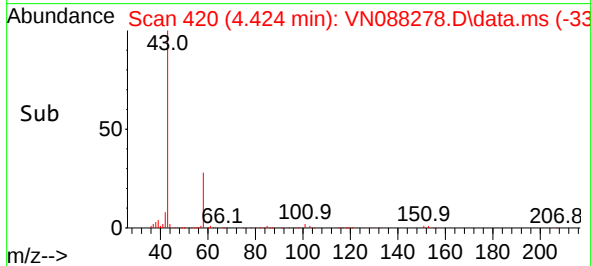
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 58 Resp: 534918
Ion Ratio Lower Upper
58 100
43 360.8 273.9 410.9

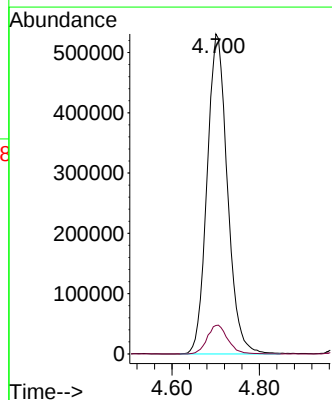
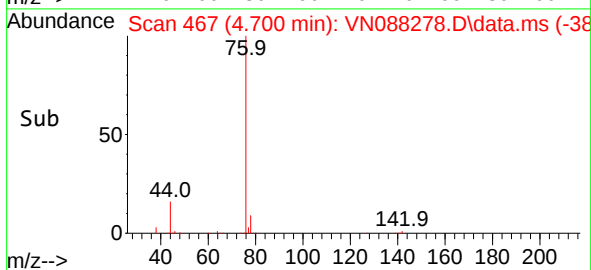
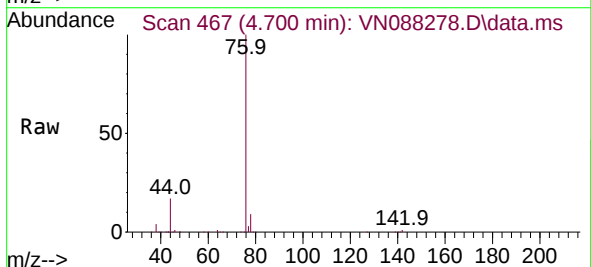
Manual Integrations
APPROVED

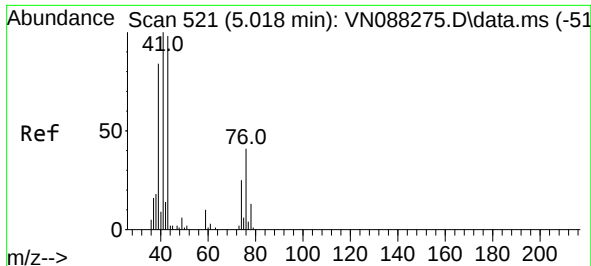
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#16
Carbon Disulfide
Concen: 171.629 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion: 76 Resp: 1711397
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3





#17

Allyl chloride

Concen: 164.560 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

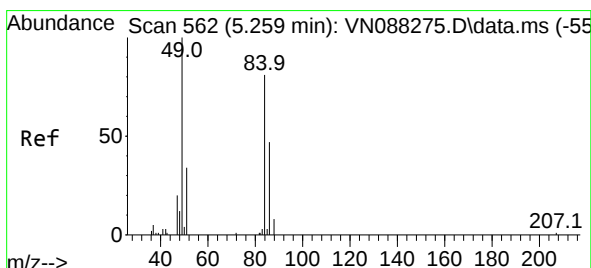
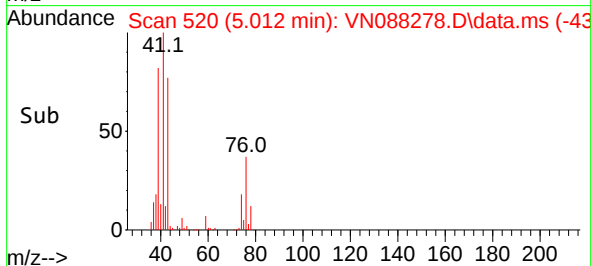
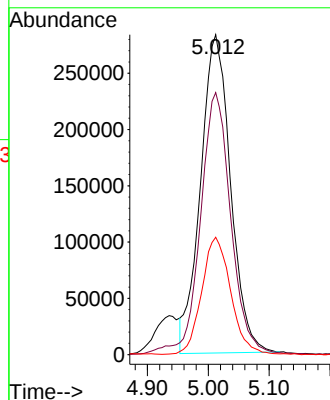
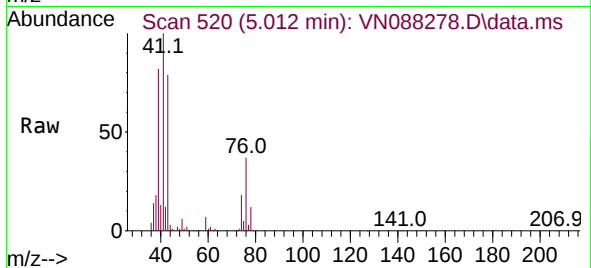
Tgt Ion:	41	Resp:	96989
Ion	Ratio	Lower	Upper
41	100		
39	82.0	38.3	114.9
76	36.8	18.5	55.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#18

Methylene Chloride

Concen: 148.024 ug/l

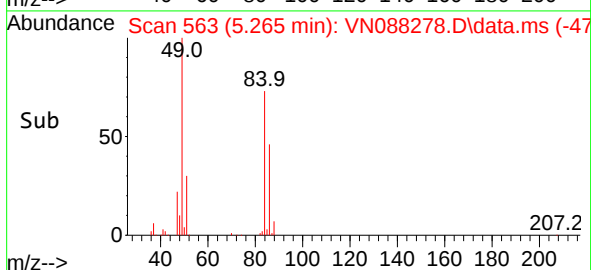
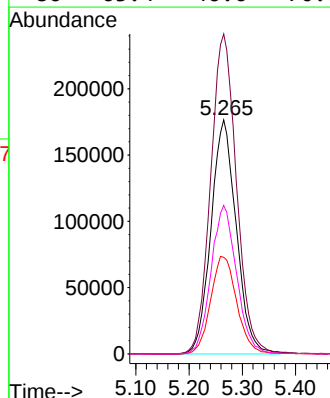
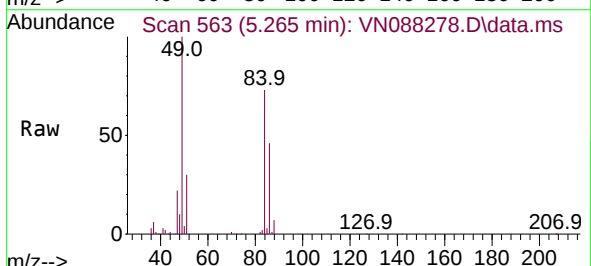
RT: 5.265 min Scan# 563

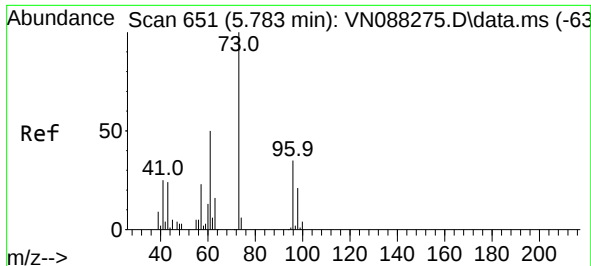
Delta R.T. 0.006 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

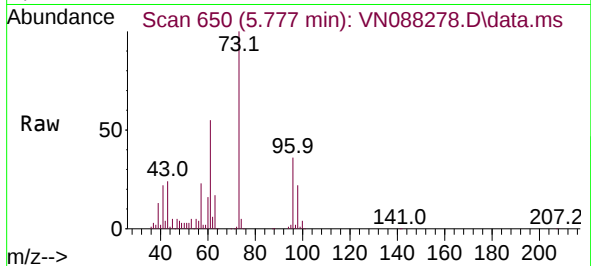
Tgt Ion:	84	Resp:	582523
Ion	Ratio	Lower	Upper
84	100		
49	136.5	98.7	148.1
51	41.3	33.7	50.5
86	63.4	46.6	70.0





#19
trans-1,2-Dichloroethene
Concen: 160.214 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

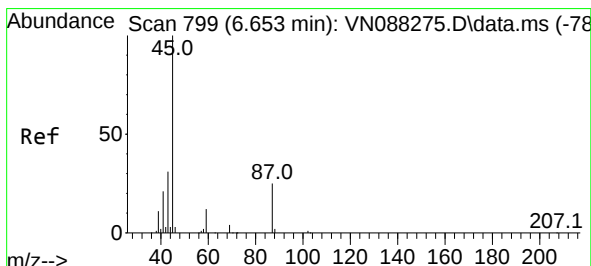
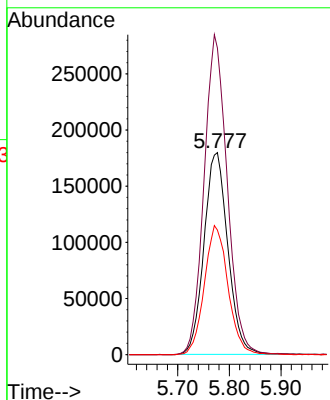
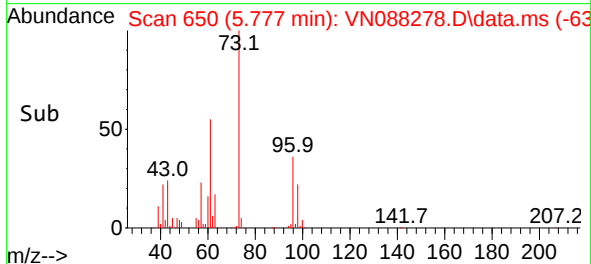
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



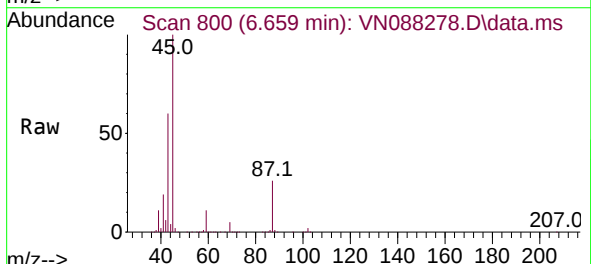
Tgt Ion: 96 Resp: 577960
Ion Ratio Lower Upper
96 100
61 151.7 117.0 175.4
98 61.6 48.6 72.8

Manual Integrations
APPROVED

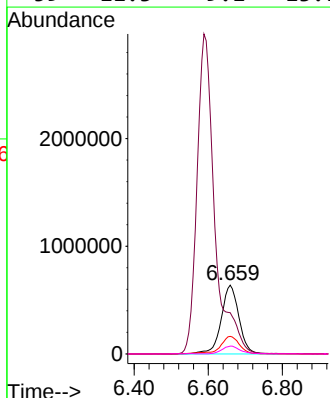
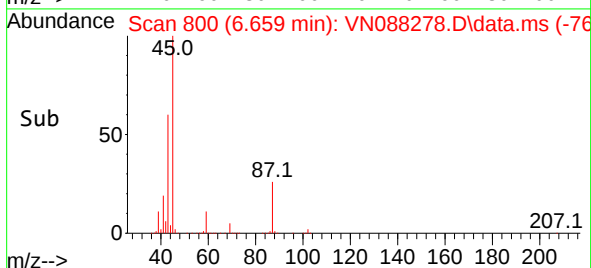
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

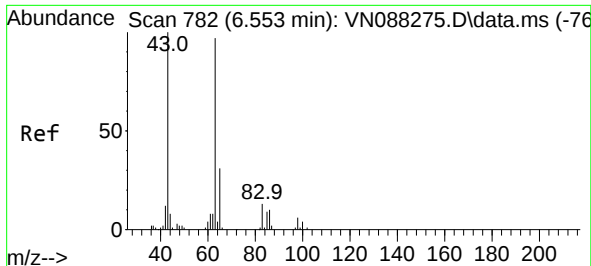


#20
Diisopropyl ether
Concen: 160.079 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



Tgt Ion: 45 Resp: 2113687
Ion Ratio Lower Upper
45 100
43 59.8 51.9 77.9
87 25.5 21.1 31.7
59 11.3 9.1 13.7





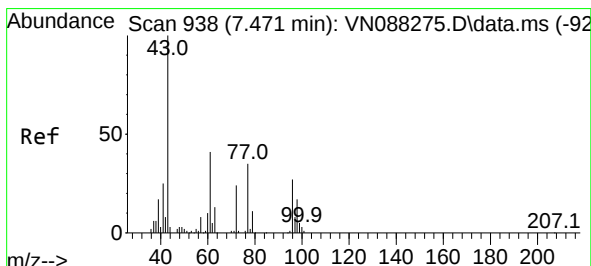
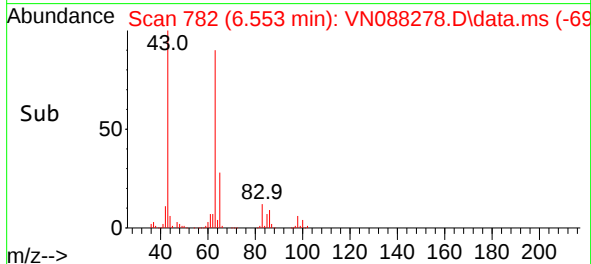
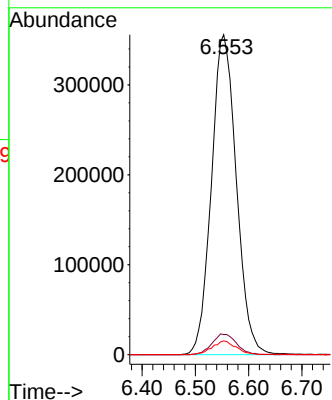
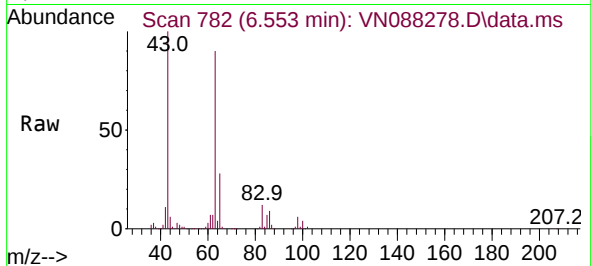
#21
1,1-Dichloroethane
Concen: 164.822 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC150

Tgt Ion: 63 Resp: 1155893
Ion Ratio Lower Upper
63 100
98 6.3 3.0 9.0
100 4.3 2.1 6.3

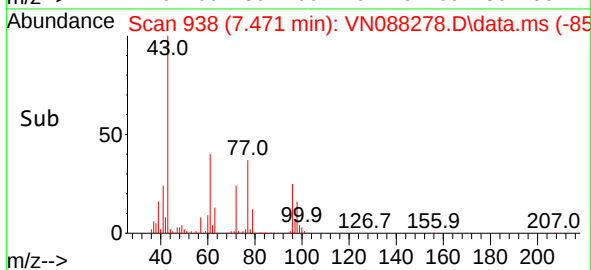
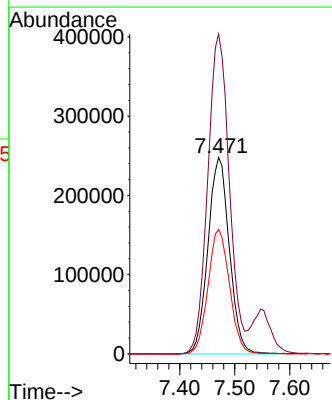
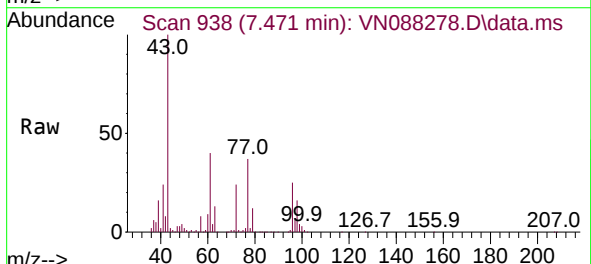
Manual Integrations
APPROVED

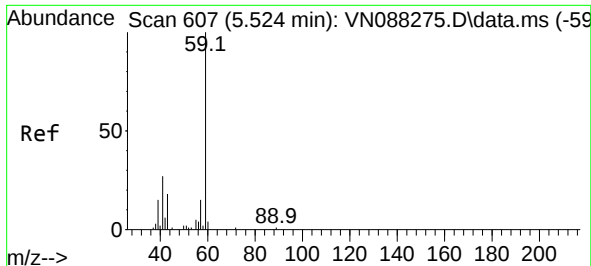
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#22
cis-1,2-Dichloroethene
Concen: 151.876 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion: 96 Resp: 670659
Ion Ratio Lower Upper
96 100
61 163.0 131.2 196.8
98 63.5 51.0 76.4





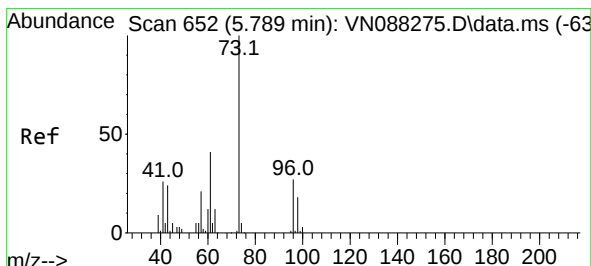
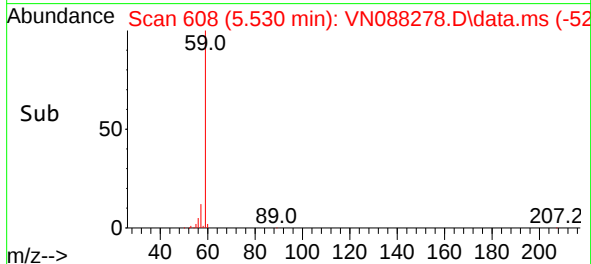
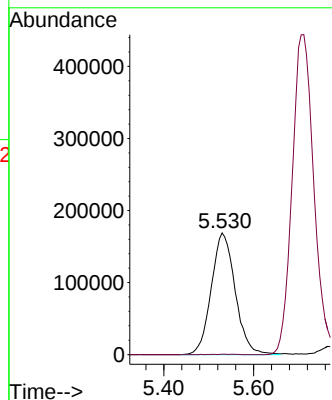
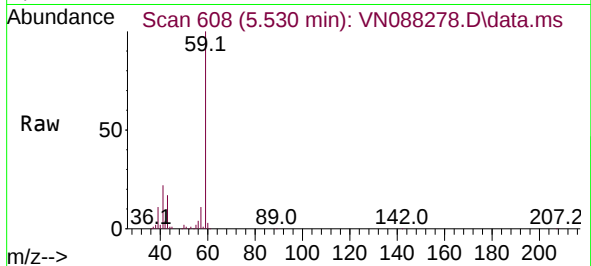
#23
tert-Butyl Alcohol
Concen: 667.554 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 625469
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

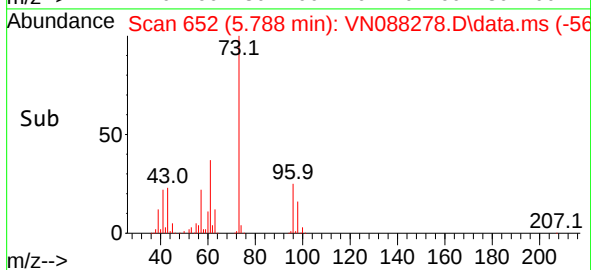
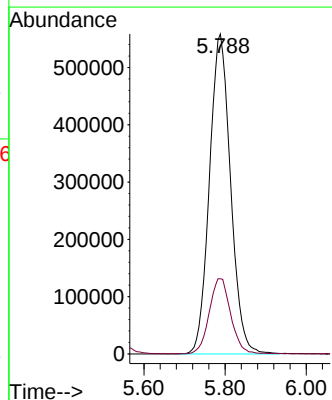
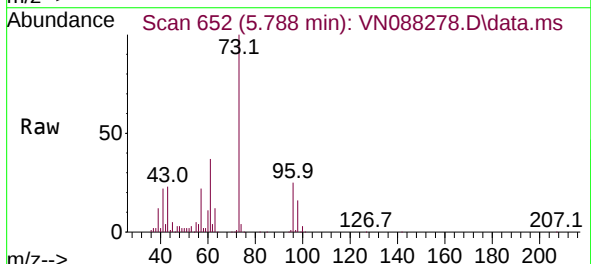
Manual Integrations
APPROVED

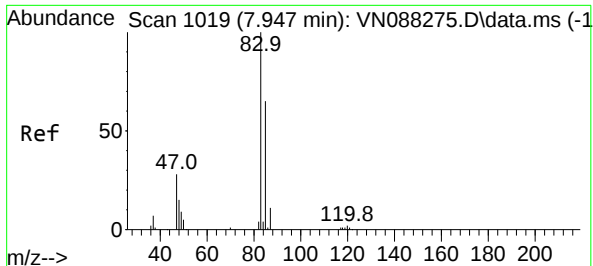
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#24
Methyl tert-Butyl Ether
Concen: 153.759 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

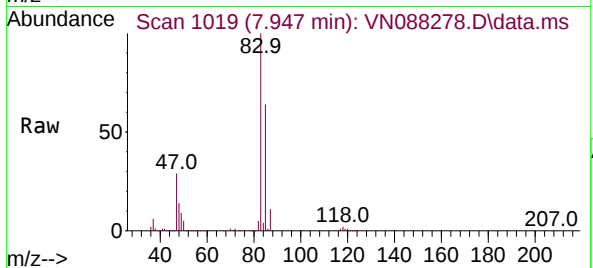
Tgt Ion: 73 Resp: 2019738
Ion Ratio Lower Upper
73 100
43 23.9 18.5 27.7





#25
Chloroform
Concen: 160.537 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

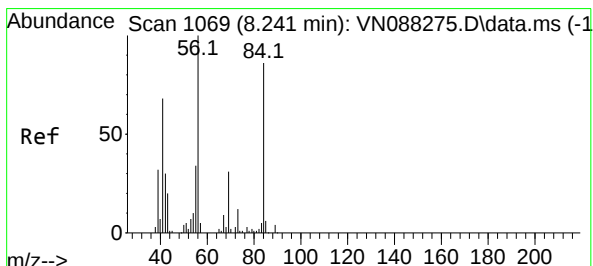
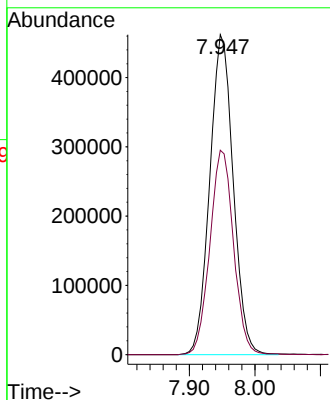
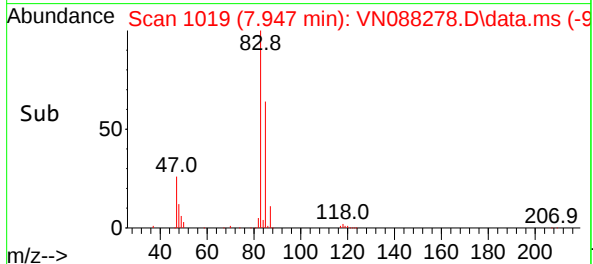
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 1147984
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.4

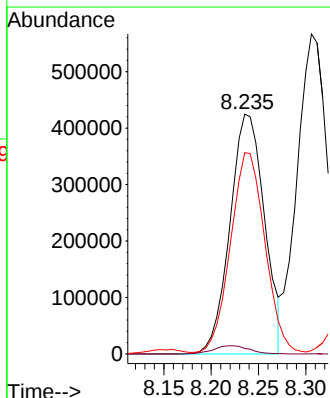
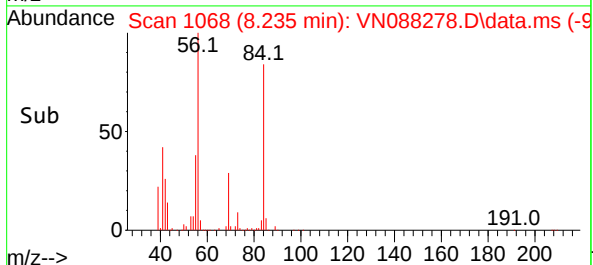
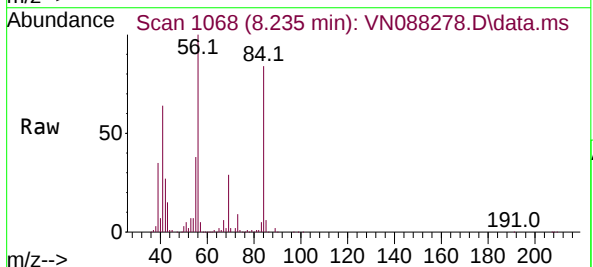
Manual Integrations
APPROVED

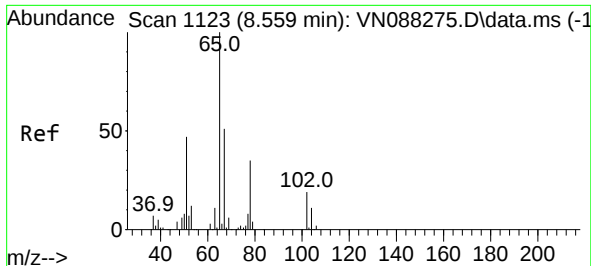
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#26
Cyclohexane
Concen: 183.543 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion: 56 Resp: 1077697
Ion Ratio Lower Upper
56 100
89 3.5 7.3 10.9#
84 84.2 67.8 101.8





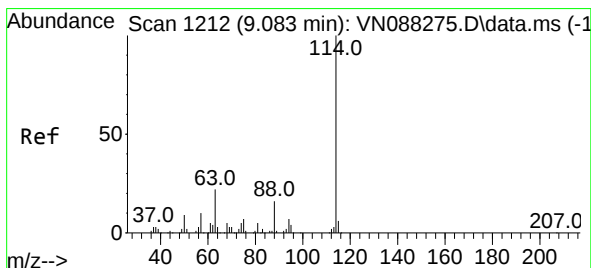
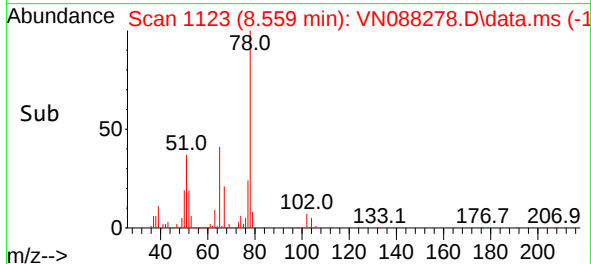
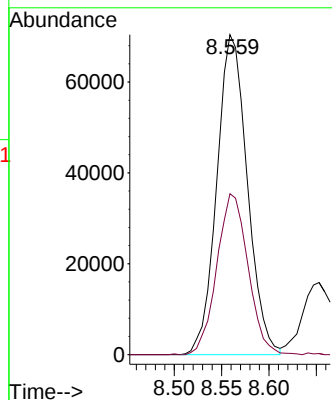
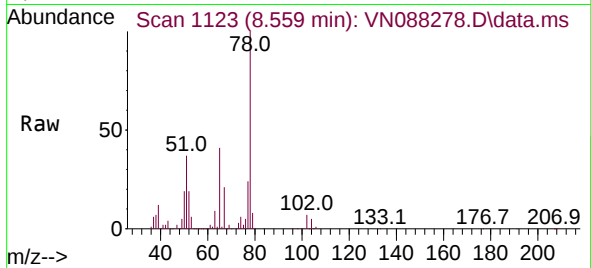
#27
1,2-Dichloroethane-d4
Concen: 33.756 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 157963
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2

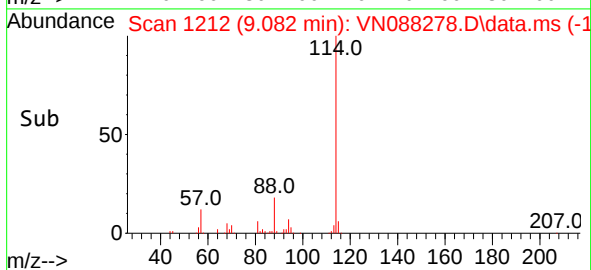
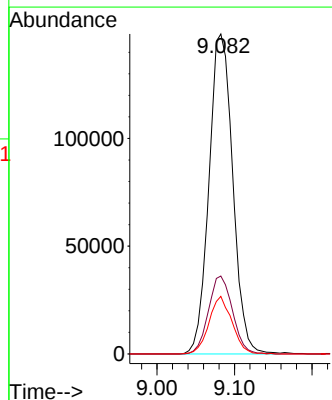
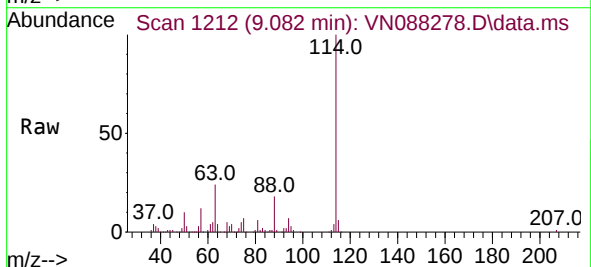
Manual Integrations
APPROVED

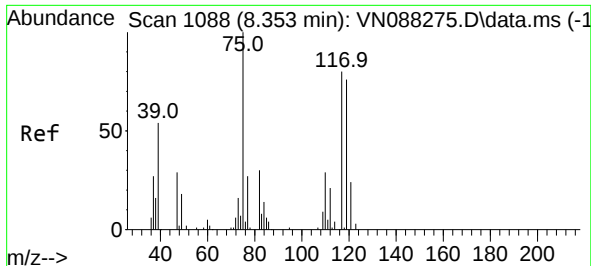
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion:114 Resp: 317019
Ion Ratio Lower Upper
114 100
63 24.5 18.9 28.3
88 17.3 12.8 19.2





#29
1,1-Dichloropropene
Concen: 181.769 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

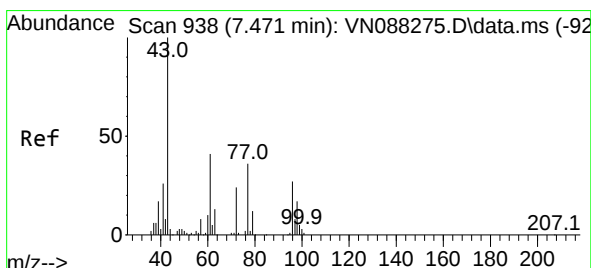
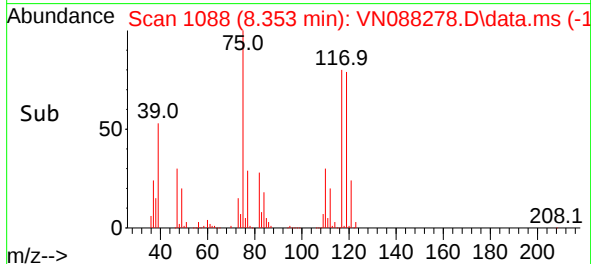
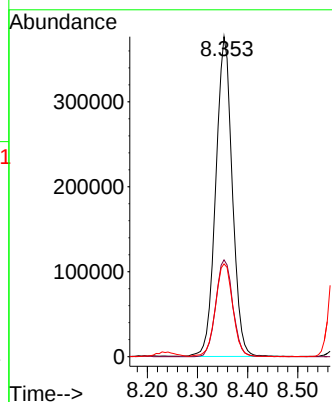
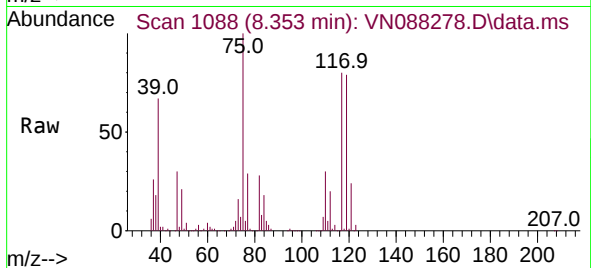
Tgt Ion: 75 Resp: 859630
Ion Ratio Lower Upper
75 100
110 31.1 0.0 65.6
77 30.4 0.0 60.8

Manual Integrations

APPROVED

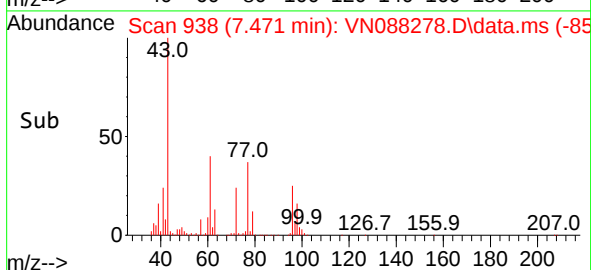
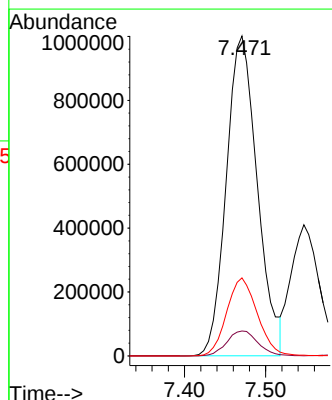
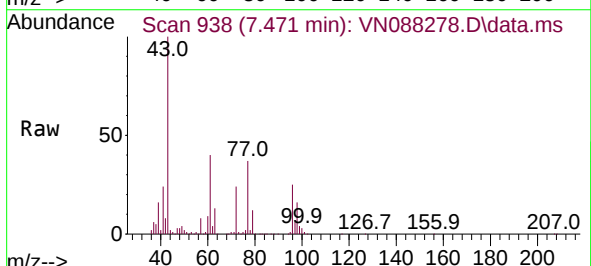
Reviewed By :John Carlone 11/14/2025

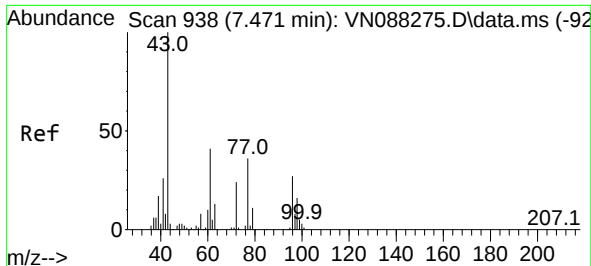
Supervised By :Semsettin Yesilyurt 11/14/2025



#30
2-Butanone
Concen: 795.735 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

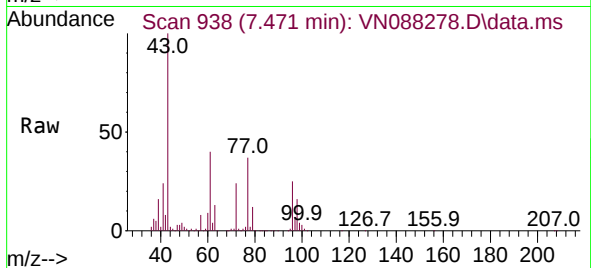
Tgt Ion: 43 Resp: 2664153
Ion Ratio Lower Upper
43 100
57 7.8 6.2 9.4
72 24.1 19.4 29.2





#31
2,2-Dichloropropane
Concen: 173.782 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

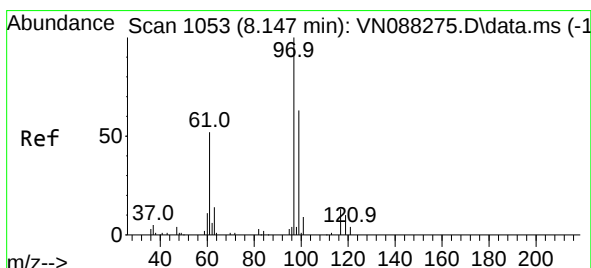
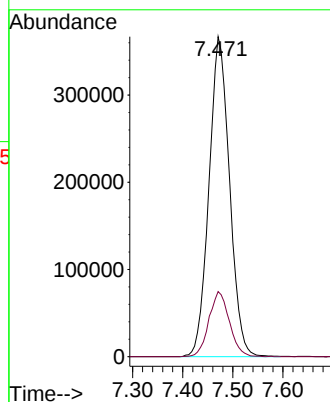
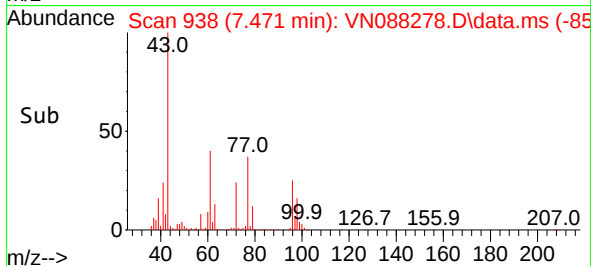
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



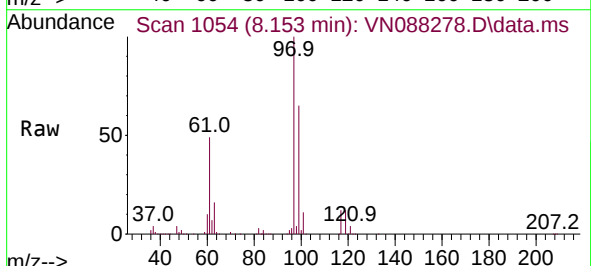
Tgt Ion: 77 Resp: 1044376
Ion Ratio Lower Upper
77 100
97 20.2 16.8 25.2

Manual Integrations
APPROVED

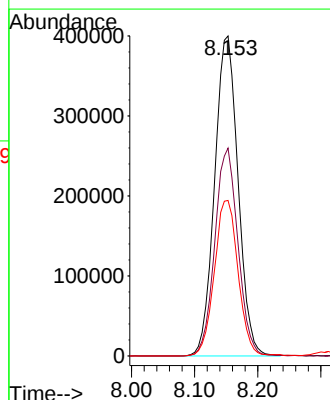
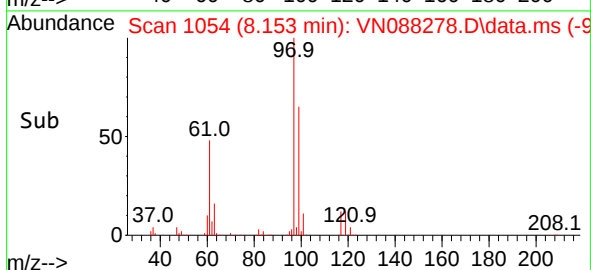
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

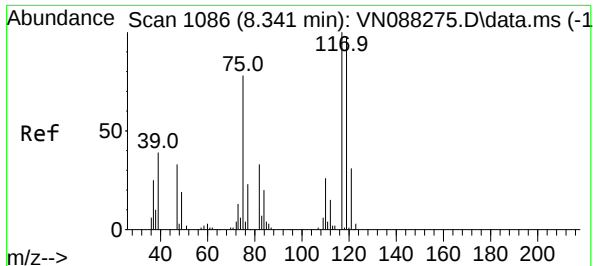


#32
1,1,1-Trichloroethane
Concen: 176.224 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



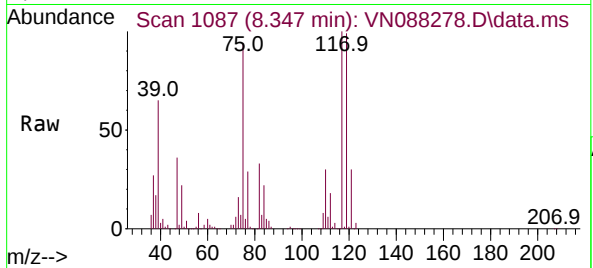
Tgt Ion: 97 Resp: 1032260
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.4
61 49.1 39.8 59.8





#33
Carbon Tetrachloride
Concen: 182.420 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

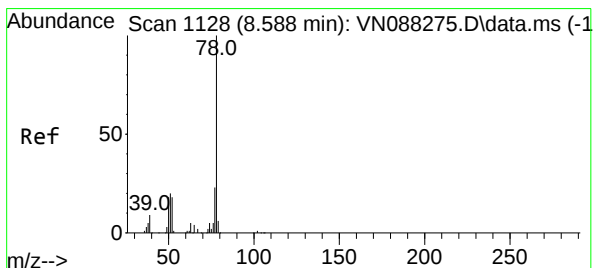
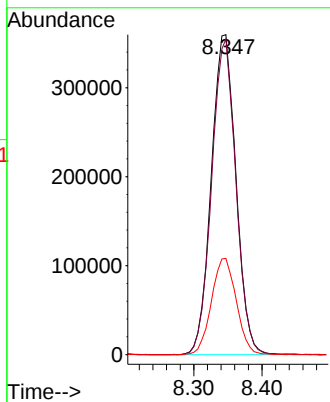
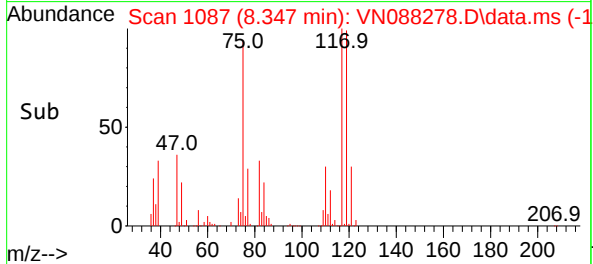
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 117 Resp: 901323
Ion Ratio Lower Upper
117 100
119 98.6 77.8 116.8
121 30.1 24.5 36.7

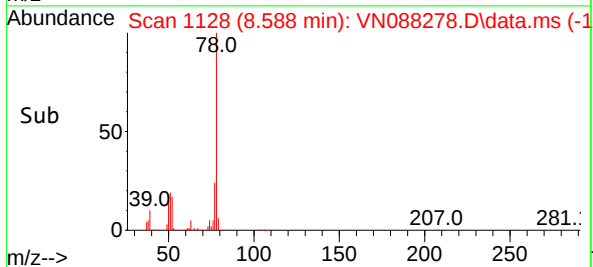
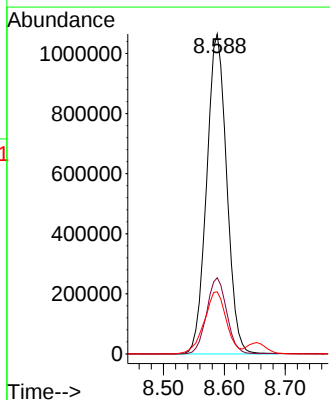
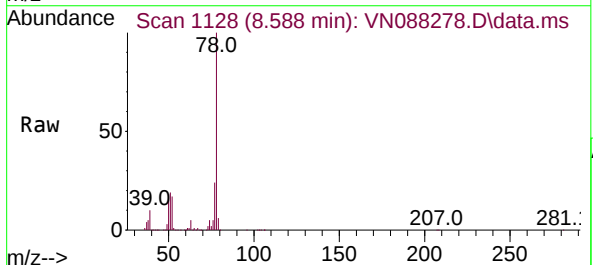
Manual Integrations
APPROVED

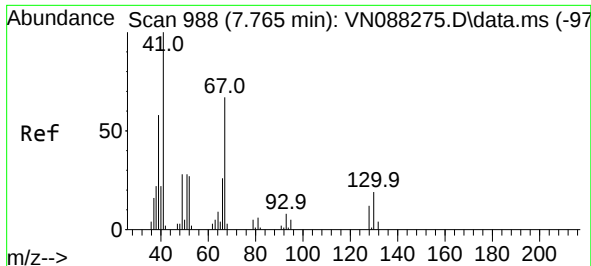
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#34
Benzene
Concen: 159.383 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

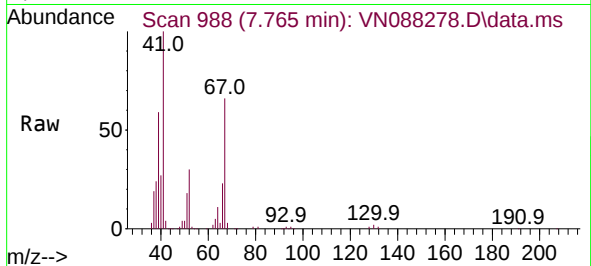
Tgt Ion: 78 Resp: 2433755
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8
51 19.2 15.8 23.8





#35
Methacrylonitrile
Concen: 156.696 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

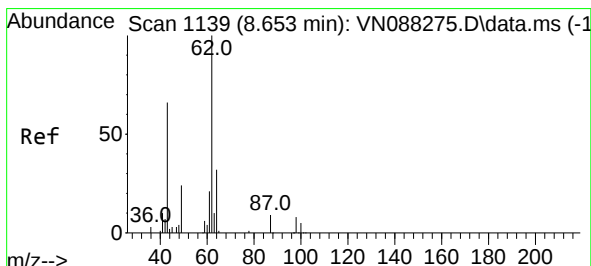
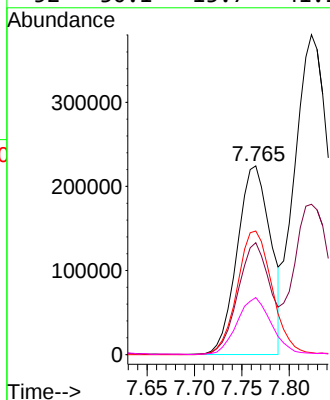
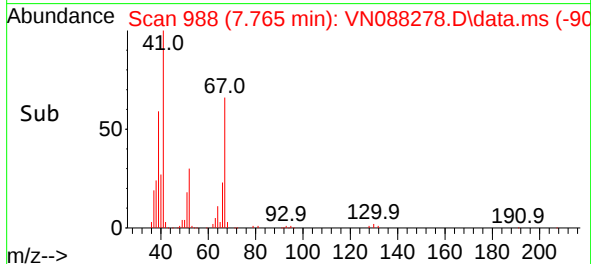
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 549670
Ion Ratio Lower Upper
41 100
39 59.1 29.0 87.0
67 65.6 33.3 99.9
52 30.1 13.7 41.1

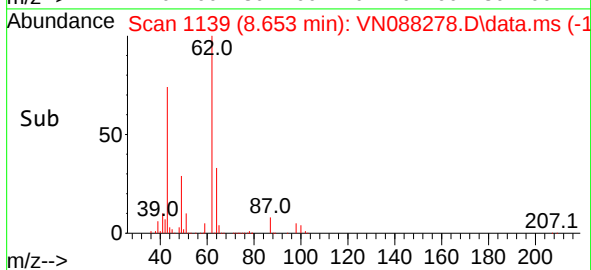
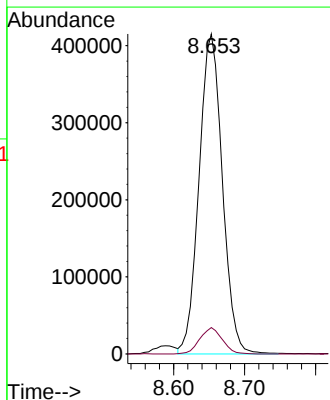
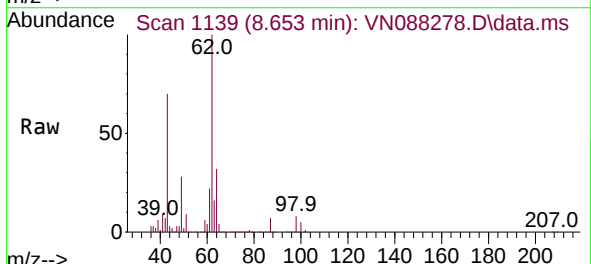
Manual Integrations
APPROVED

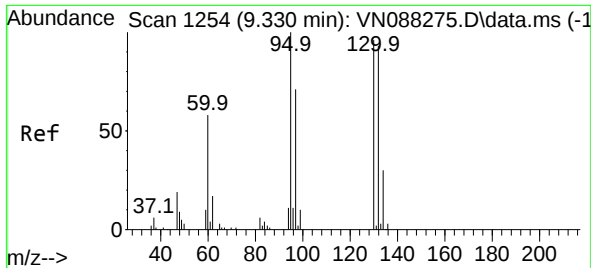
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#36
1,2-Dichloroethane
Concen: 174.871 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

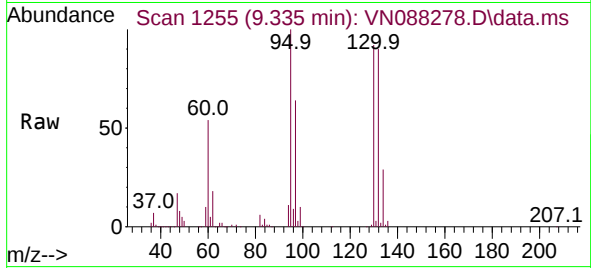
Tgt Ion: 62 Resp: 946592
Ion Ratio Lower Upper
62 100
98 7.9 6.8 10.2





#37
Trichloroethene
Concen: 154.362 ug/l
RT: 9.335 min Scan# 1254
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

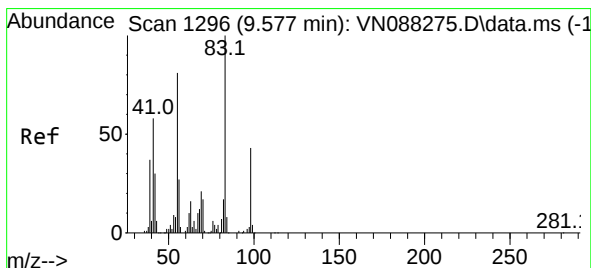
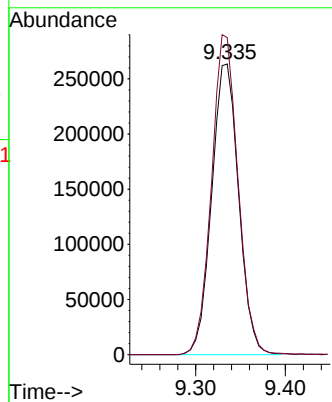
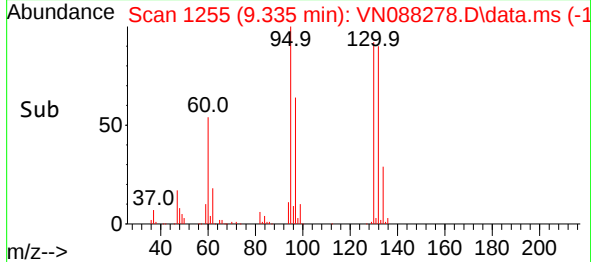
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



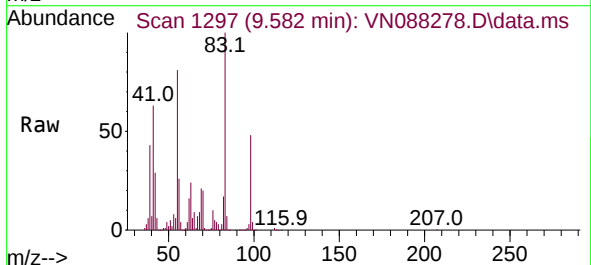
Tgt Ion:130 Resp: 553150
Ion Ratio Lower Upper
130 100
95 109.0 83.7 125.5

Manual Integrations
APPROVED

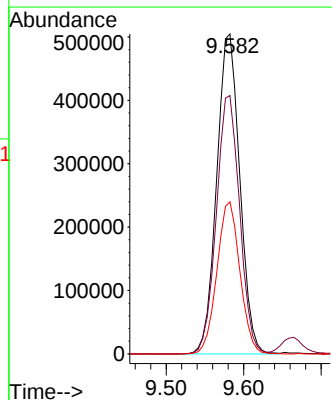
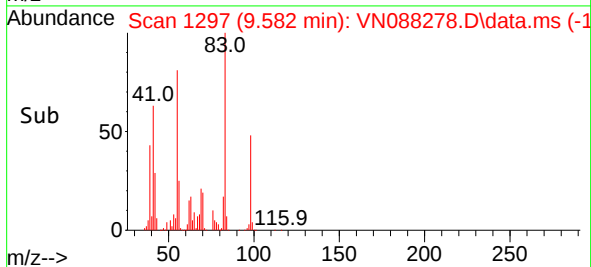
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

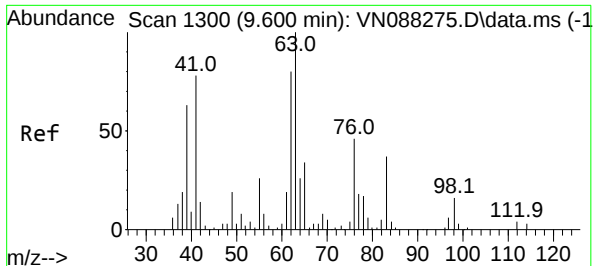


#38
Methylcyclohexane
Concen: 181.852 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



Tgt Ion: 83 Resp: 1047944
Ion Ratio Lower Upper
83 100
55 81.3 40.8 122.5
98 47.2 23.4 70.3





#39

1,2-Dichloropropane

Concen: 161.548 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 620150

Ion Ratio Lower Upper

63 100

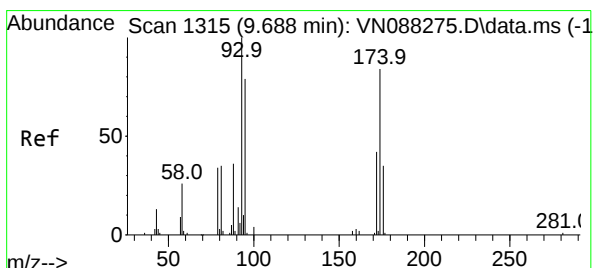
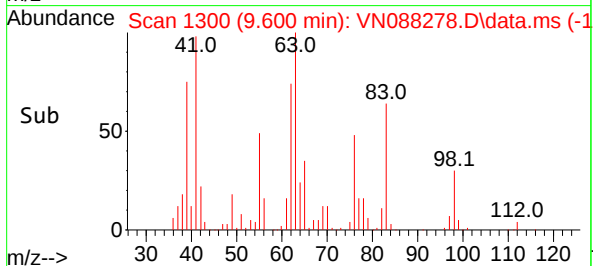
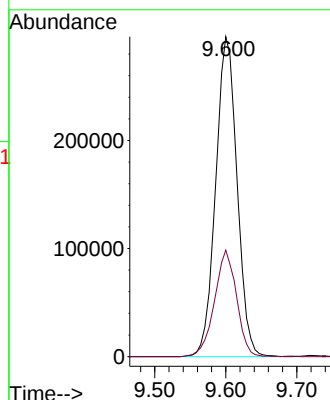
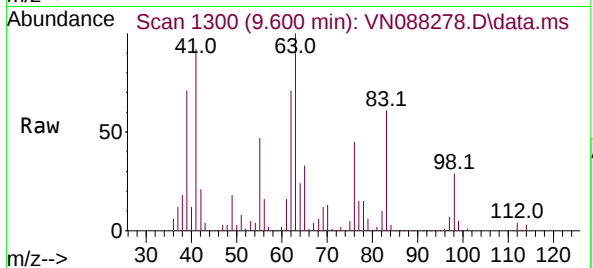
65 33.3 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#40

Dibromomethane

Concen: 159.562 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

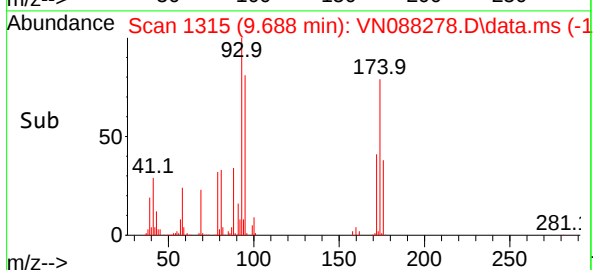
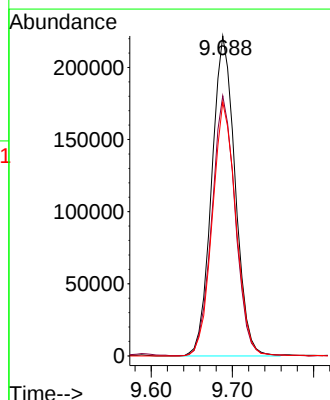
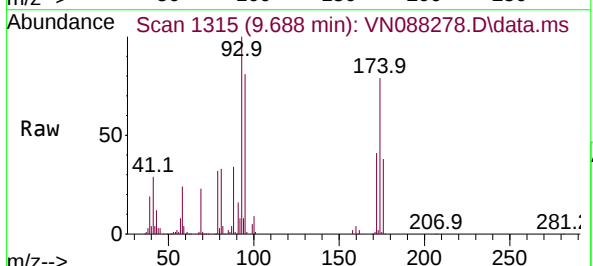
Tgt Ion: 93 Resp: 445197

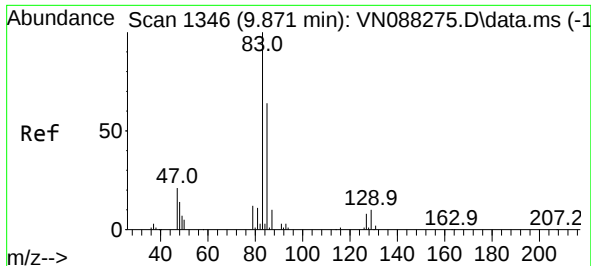
Ion Ratio Lower Upper

93 100

95 80.8 0.0 161.6

174 79.4 0.0 158.2





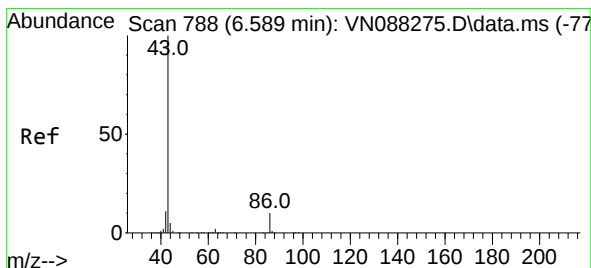
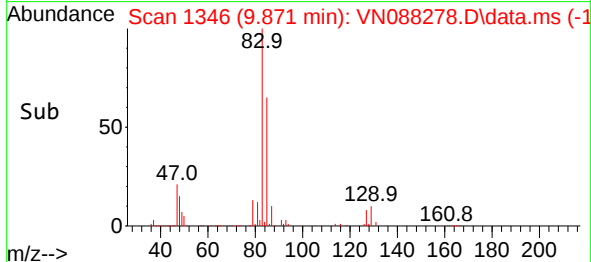
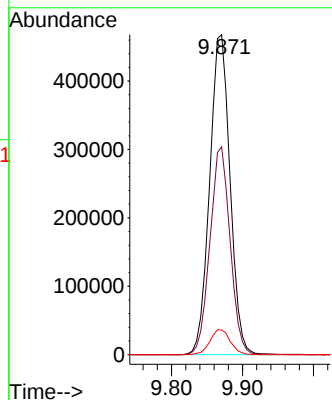
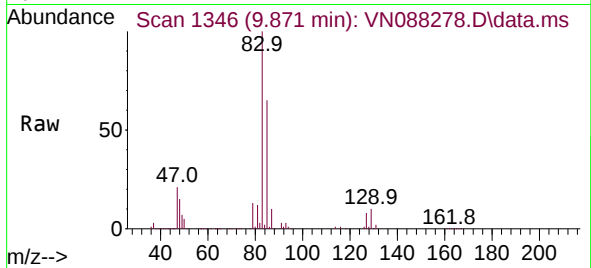
#41
Bromodichloromethane
Concen: 164.661 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 931442
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.2
127 7.7 6.4 9.6

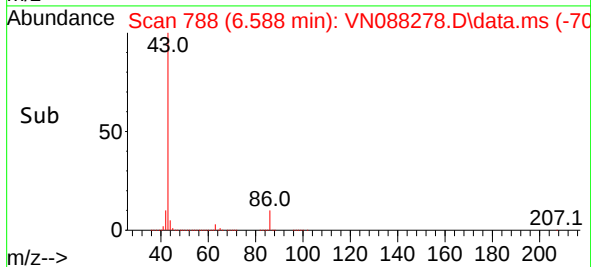
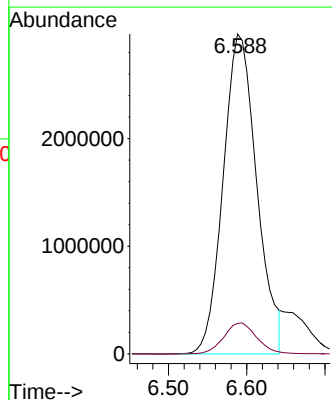
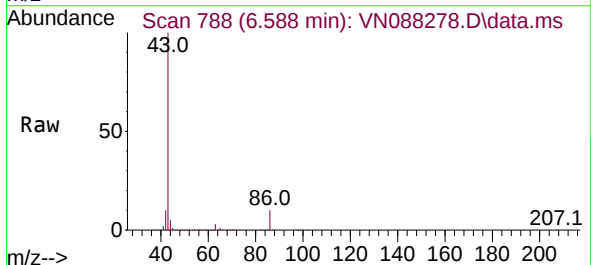
Manual Integrations
APPROVED

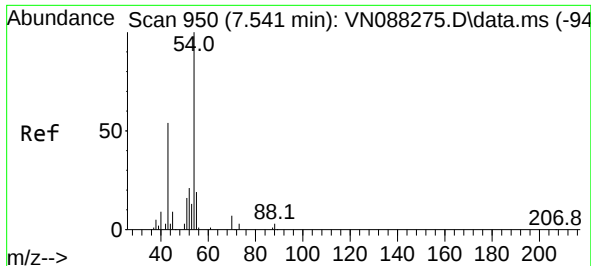
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#42
Vinyl Acetate
Concen: 771.895 ug/l m
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

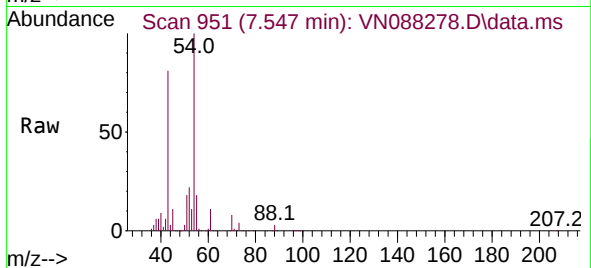
Tgt Ion: 43 Resp: 8882940
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.2





#43
Ethyl Acetate
Concen: 157.776 ug/l m
RT: 7.547 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

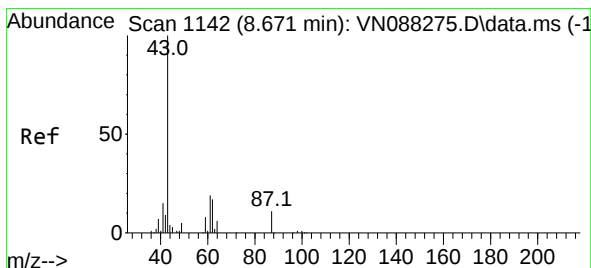
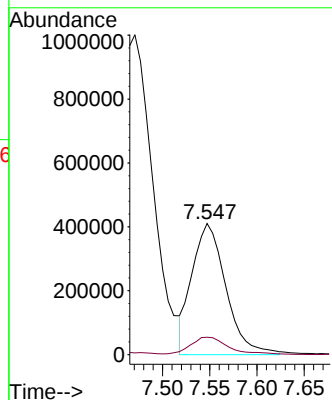
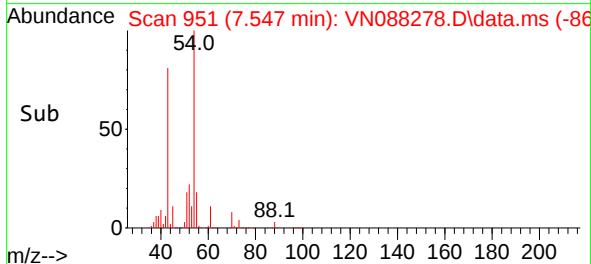
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 102865
Ion Ratio Lower Upper
43 100
45 0.0 9.9 14.9

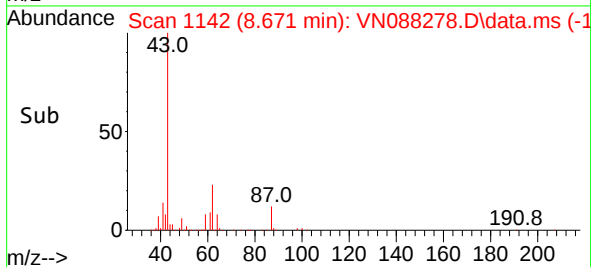
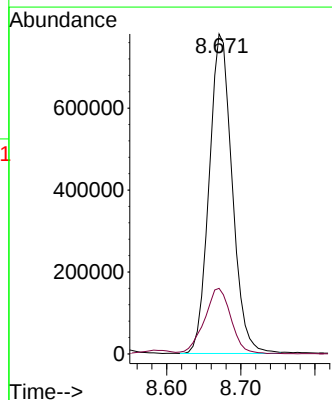
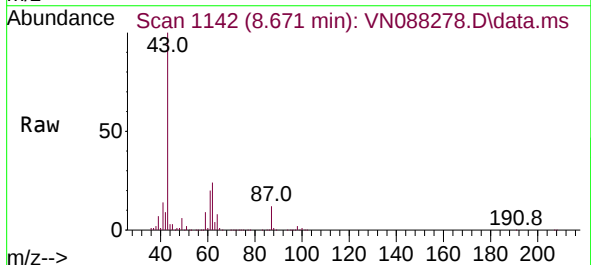
Manual Integrations
APPROVED

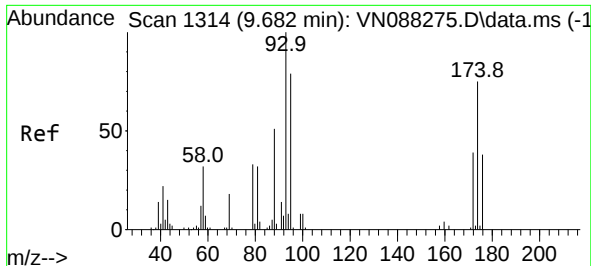
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#44
Isopropyl Acetate
Concen: 160.261 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

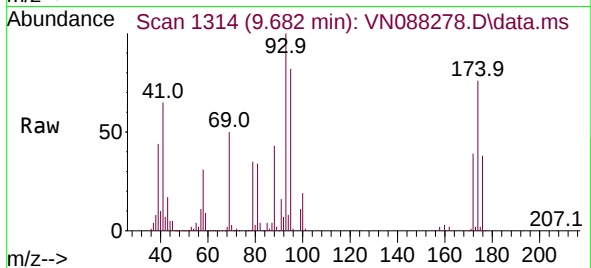
Tgt Ion: 43 Resp: 1685410
Ion Ratio Lower Upper
43 100
61 23.8 19.0 28.6





#45
1,4-Dioxane
Concen: 2786.344 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

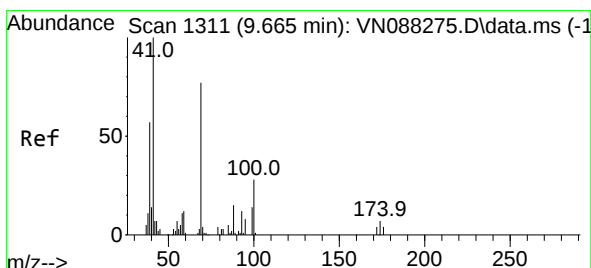
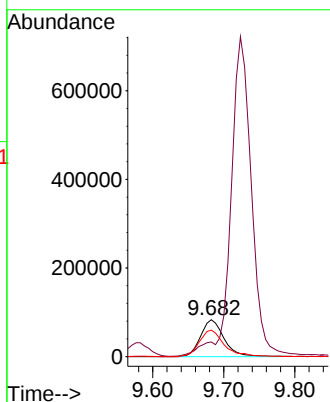
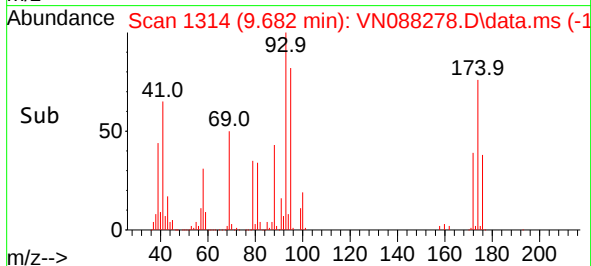
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



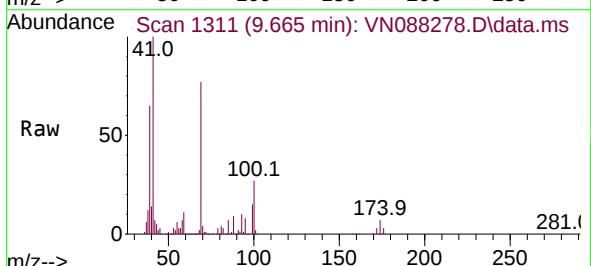
Tgt Ion: 88 Resp: 189937
Ion Ratio Lower Upper
88 100
43 31.1 27.8 41.8
58 72.3 59.5 89.3

Manual Integrations
APPROVED

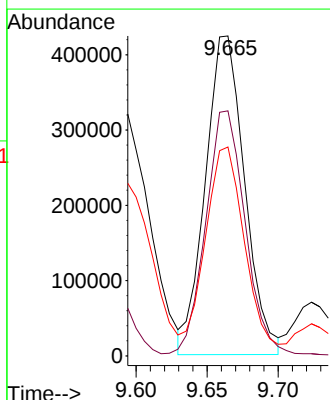
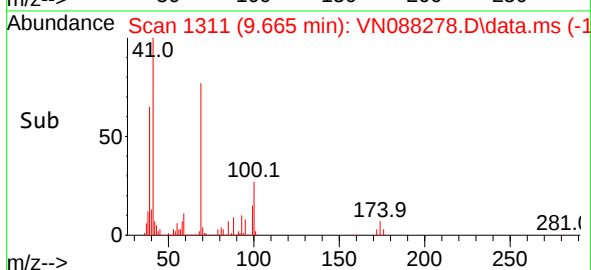
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

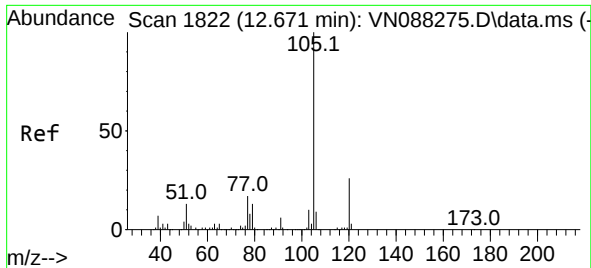


#46
Methyl methacrylate
Concen: 171.256 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



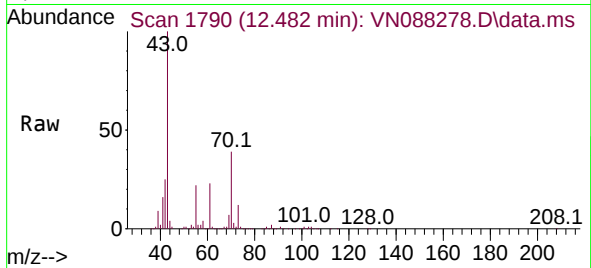
Tgt Ion: 41 Resp: 816245
Ion Ratio Lower Upper
41 100
69 79.0 38.5 115.3
39 65.4 29.0 87.1





#47
n-amyl acetate
Concen: 178.936 ug/l
RT: 12.482 min Scan# 11
Delta R.T. -0.188 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

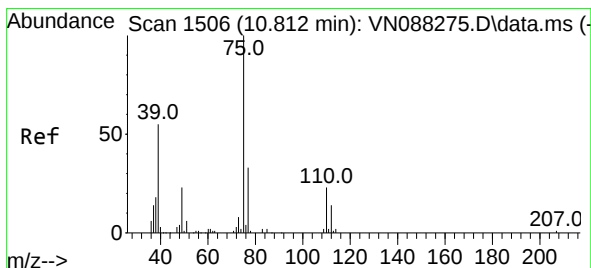
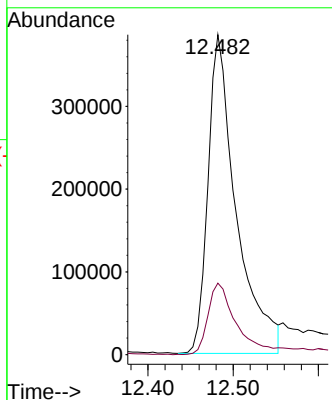
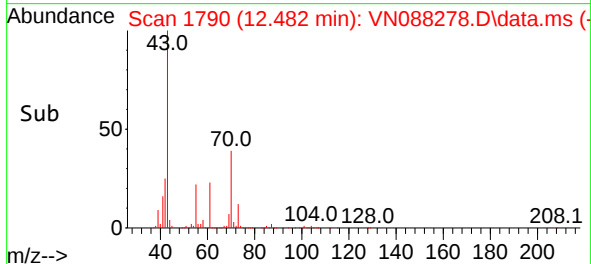
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



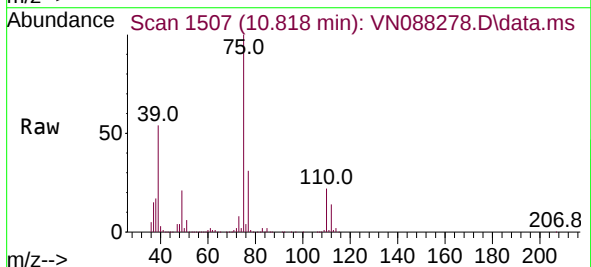
Tgt Ion: 43 Resp: 886019
Ion Ratio Lower Upper
43 100
55 22.1 0.0 0.0

Manual Integrations
APPROVED

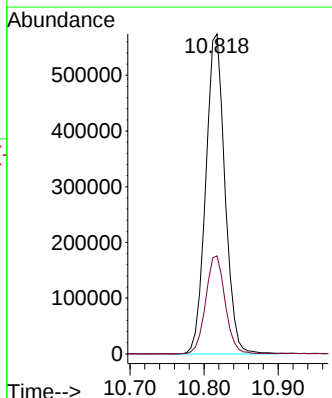
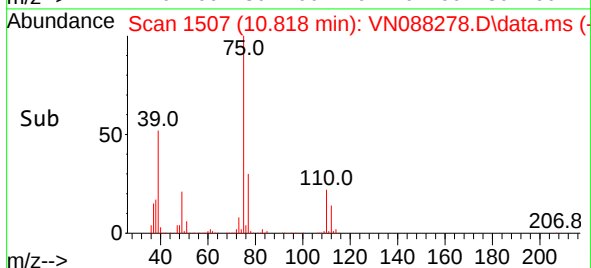
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

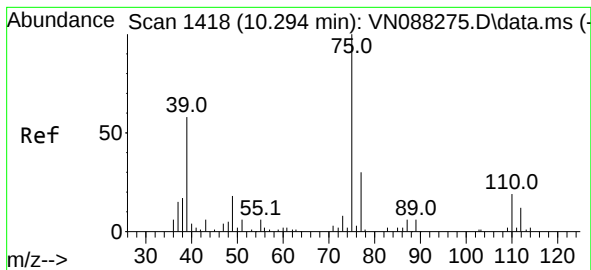


#48
t-1,3-Dichloropropene
Concen: 165.696 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



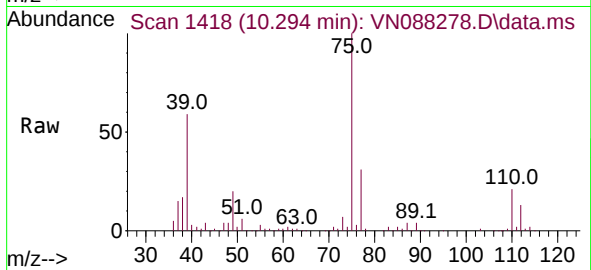
Tgt Ion: 75 Resp: 1031386
Ion Ratio Lower Upper
75 100
77 30.6 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 160.111 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088278.D
 Acq: 13 Nov 2025 11:50

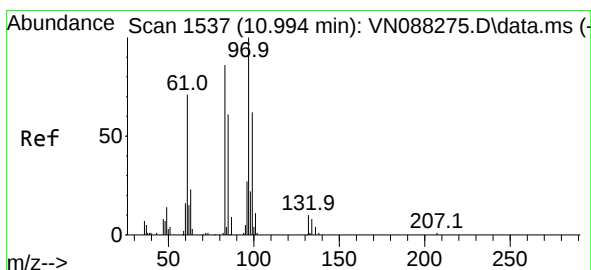
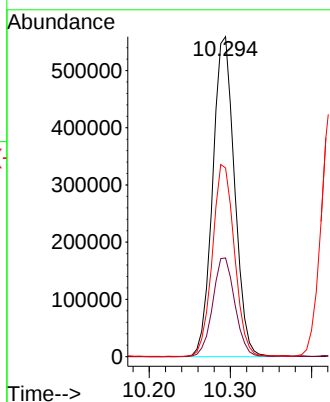
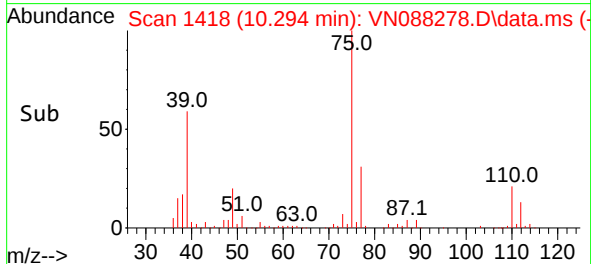
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



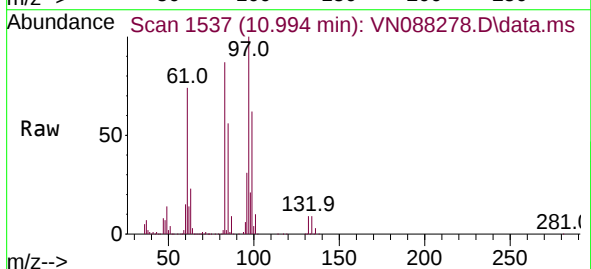
Tgt Ion: 75 Resp: 1045386
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.4 36.6
 39 58.9 46.1 69.1

Manual Integrations
 APPROVED

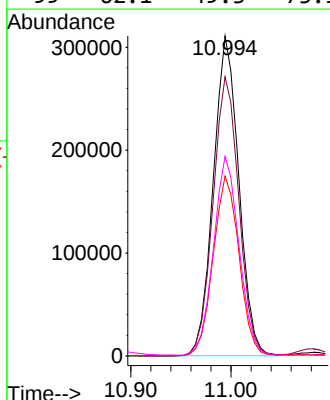
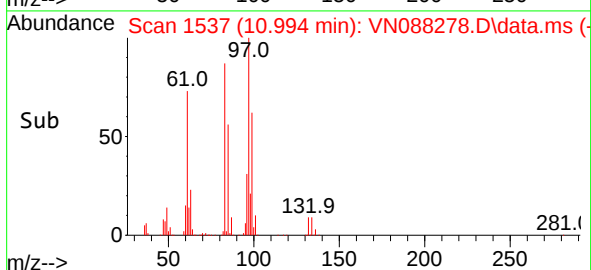
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025

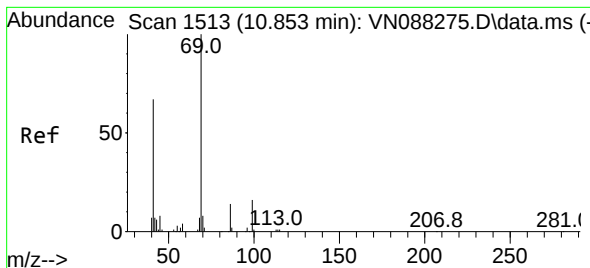


#50
 1,1,2-Trichloroethane
 Concen: 151.328 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088278.D
 Acq: 13 Nov 2025 11:50



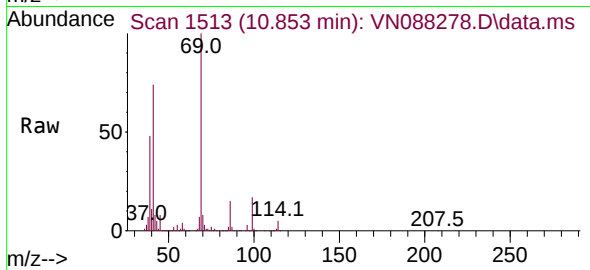
Tgt Ion: 97 Resp: 549793
 Ion Ratio Lower Upper
 97 100
 83 87.2 68.6 102.8
 85 56.1 49.0 73.6
 99 62.1 49.3 73.9





#51
Ethyl methacrylate
Concen: 164.532 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

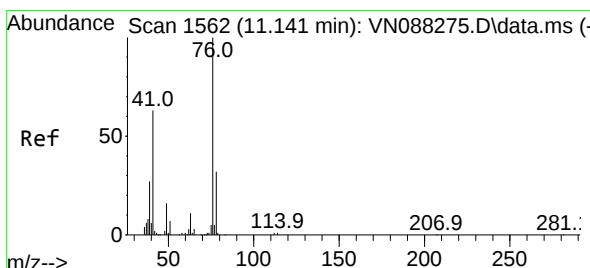
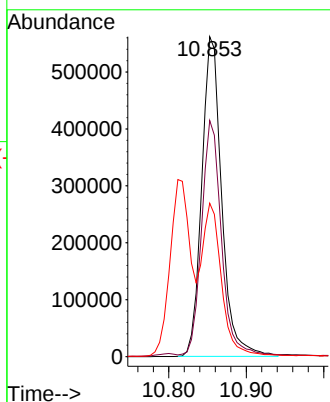
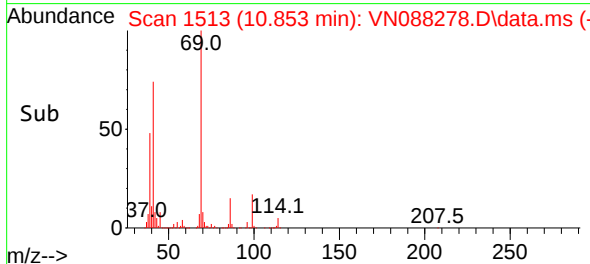
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 69 Resp: 1004034
Ion Ratio Lower Upper
69 100
41 73.3 33.6 100.8
39 47.4 23.4 70.2

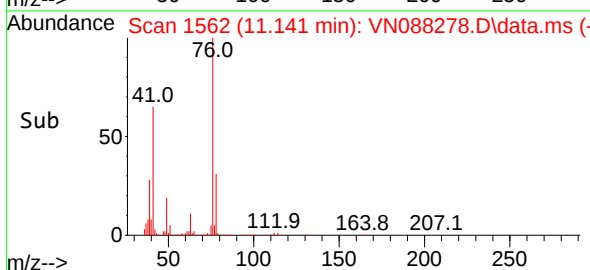
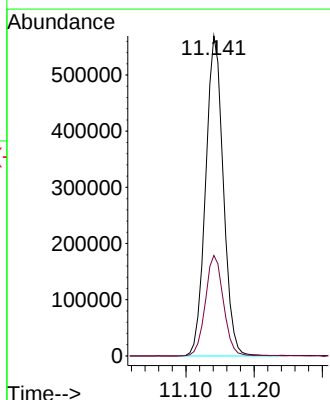
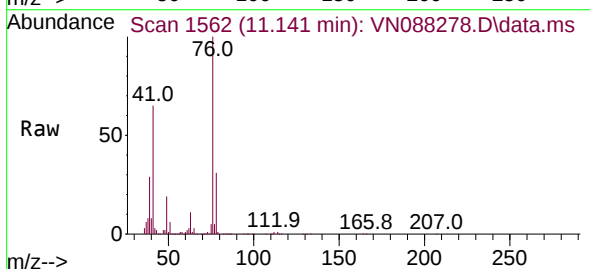
Manual Integrations
APPROVED

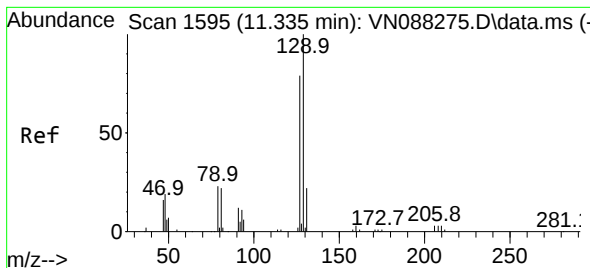
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#52
1,3-Dichloropropane
Concen: 160.116 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

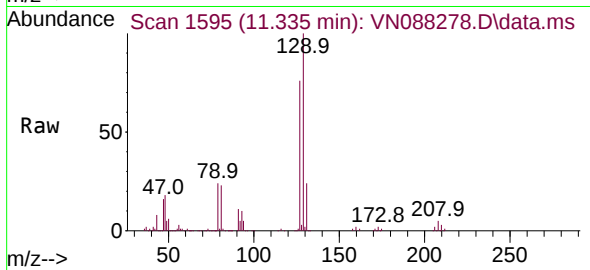
Tgt Ion: 76 Resp: 1024092
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





#53
Dibromochloromethane
Concen: 154.580 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

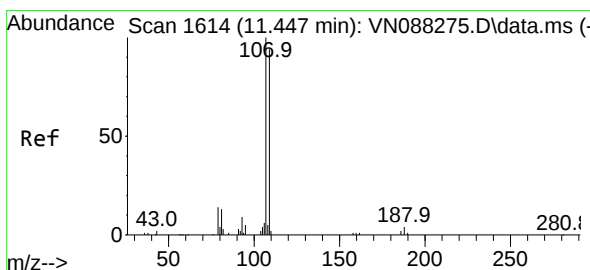
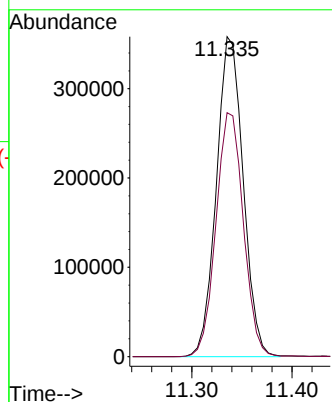
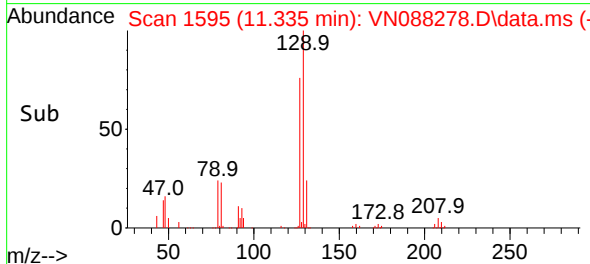
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



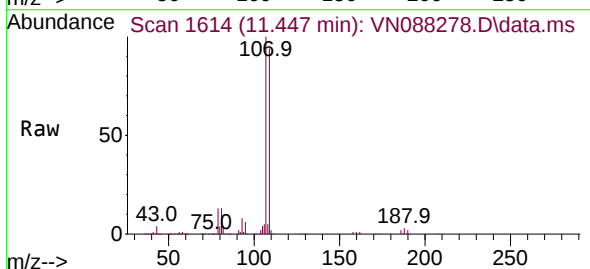
Tgt Ion:129 Resp: 665870
Ion Ratio Lower Upper
129 100
127 77.8 38.2 114.6

Manual Integrations
APPROVED

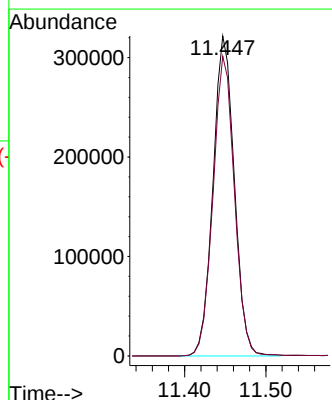
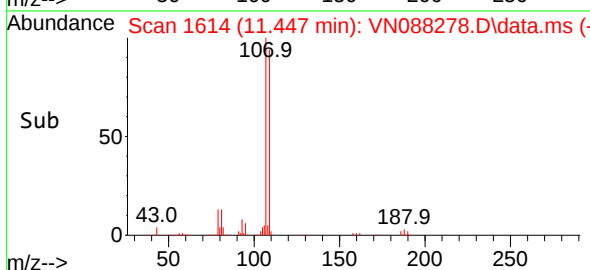
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

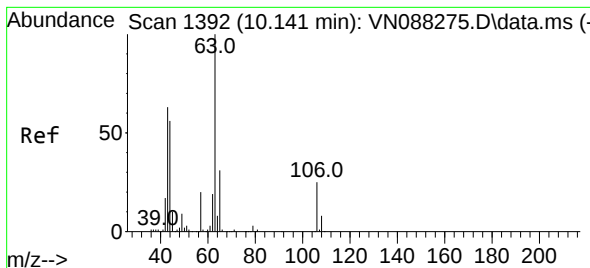


#54
1,2-Dibromoethane
Concen: 151.875 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



Tgt Ion:107 Resp: 585979
Ion Ratio Lower Upper
107 100
109 94.1 76.6 115.0





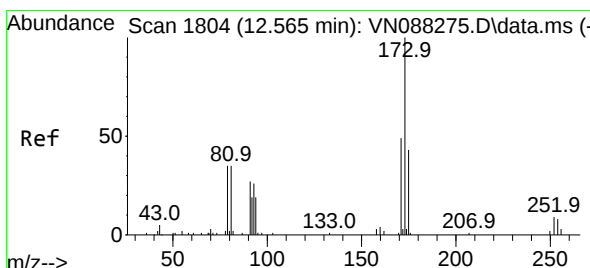
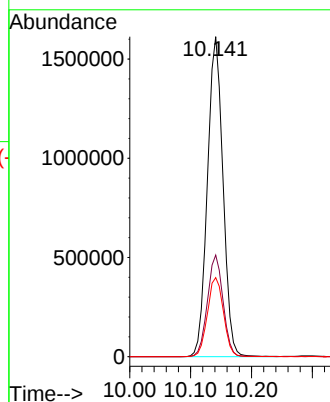
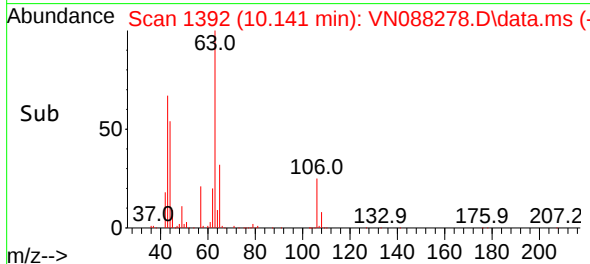
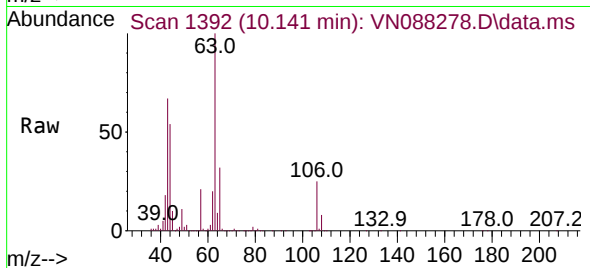
#55
2-Chloroethyl vinyl ether
Concen: 867.631 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 2859403
Ion Ratio Lower Upper
63 100
65 31.8 24.9 37.3
106 25.5 20.3 30.5

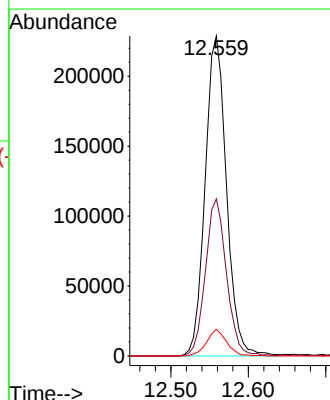
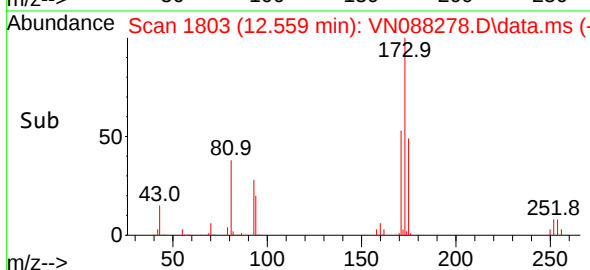
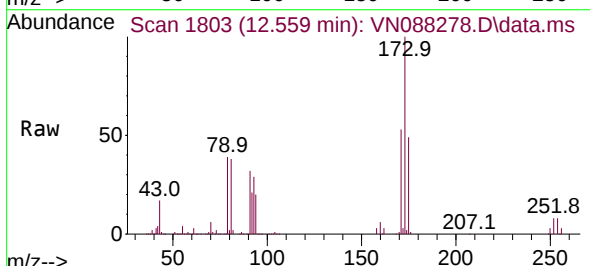
Manual Integrations
APPROVED

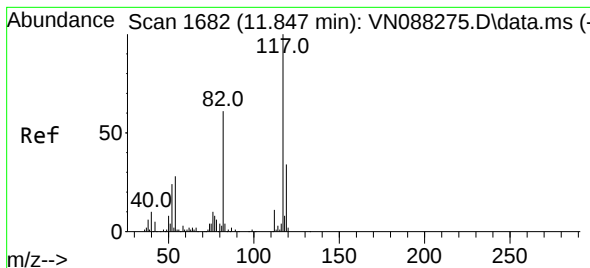
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#56
Bromoform
Concen: 152.024 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

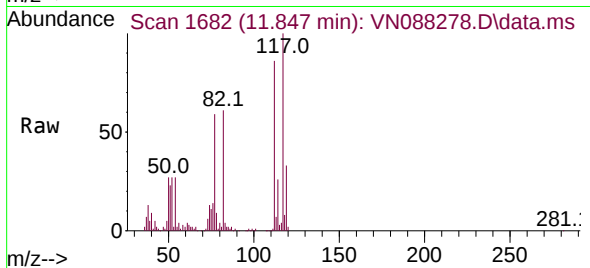
Tgt Ion:173 Resp: 437240
Ion Ratio Lower Upper
173 100
175 48.4 37.7 56.5
254 7.8 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

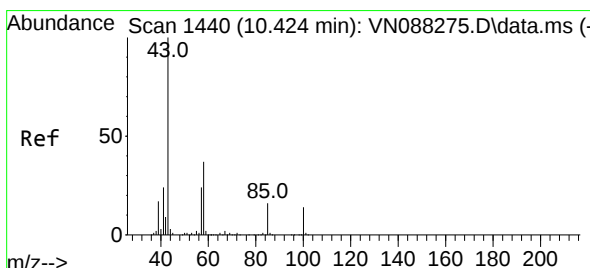
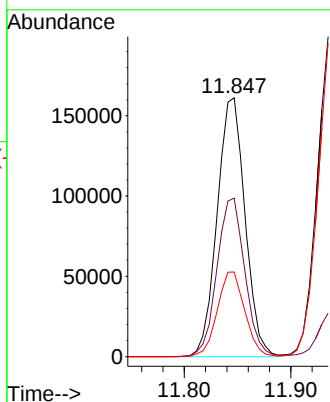
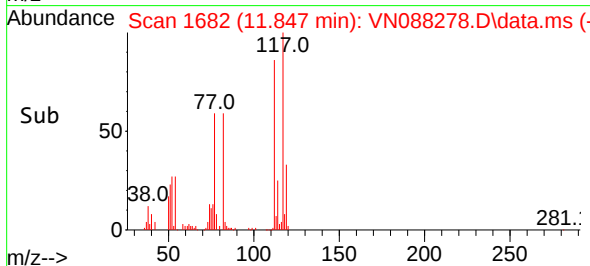
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



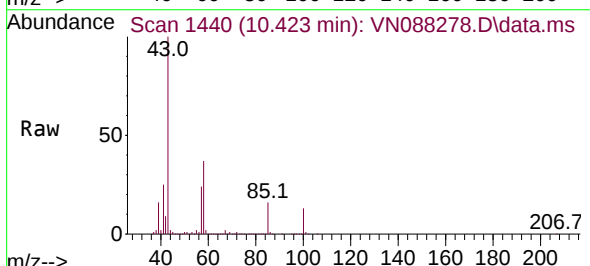
Tgt Ion: 117 Resp: 293637
Ion Ratio Lower Upper
117 100
82 61.4 49.3 73.9
119 32.2 26.4 39.6

Manual Integrations
APPROVED

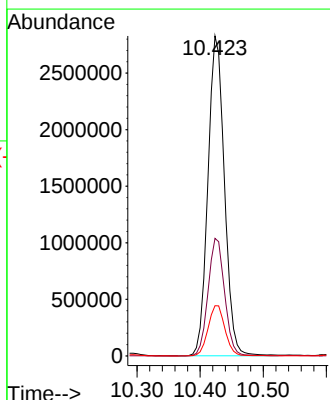
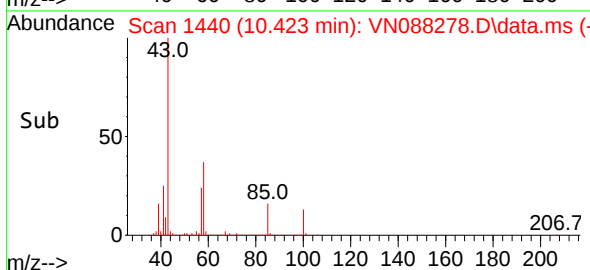
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

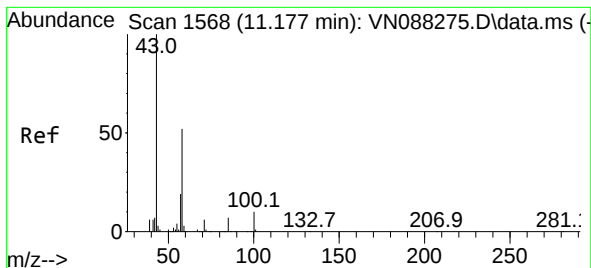


#58
4-Methyl-2-Pentanone
Concen: 780.630 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



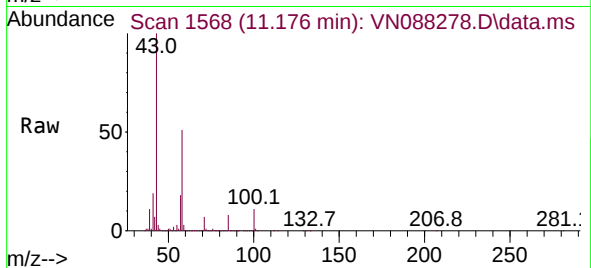
Tgt Ion: 43 Resp: 5148363
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8
85 16.0 12.6 19.0





#59
2-Hexanone
Concen: 855.949 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

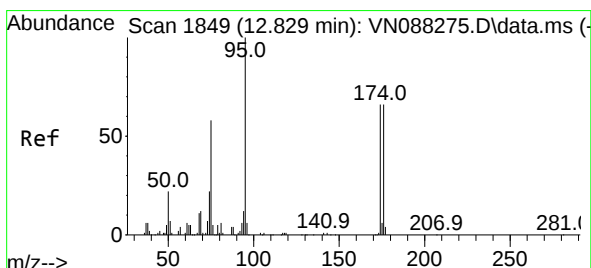
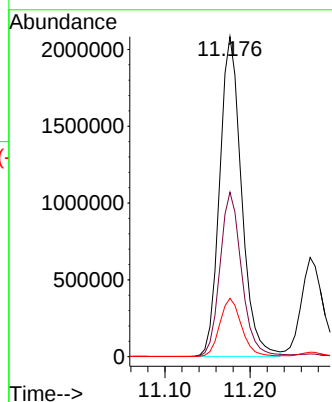
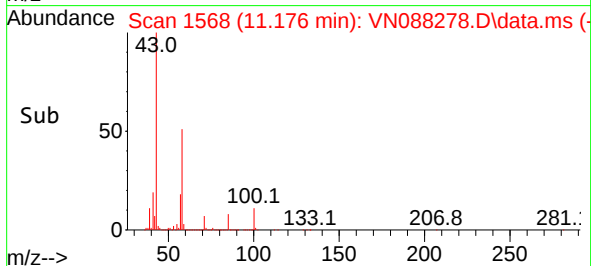
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 3710500
Ion Ratio Lower Upper
43 100
58 51.2 41.0 61.4
57 18.1 14.4 21.6

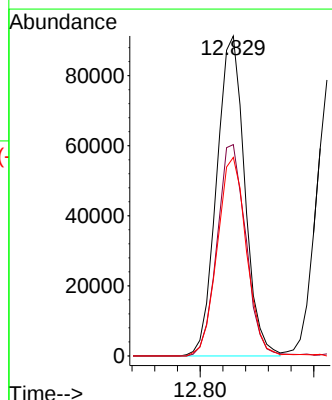
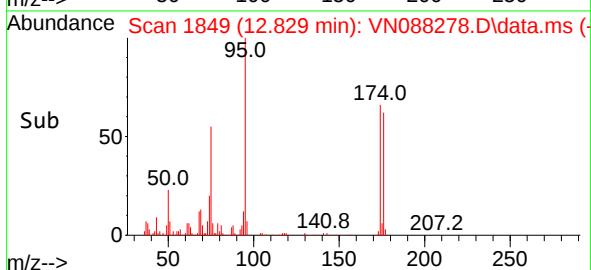
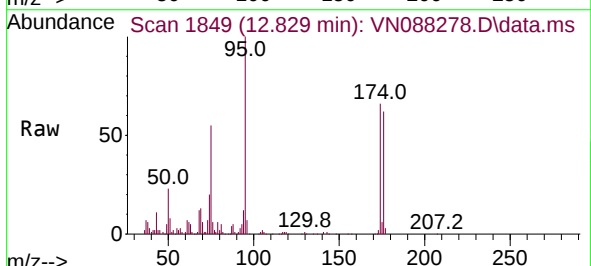
Manual Integrations
APPROVED

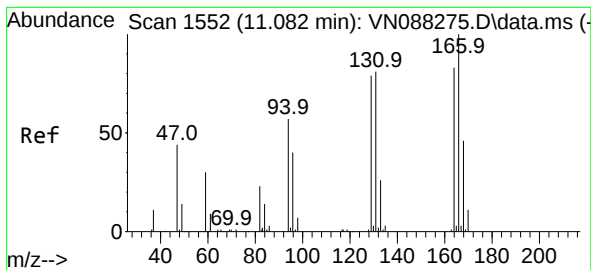
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#60
4-Bromofluorobenzene
Concen: 32.446 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

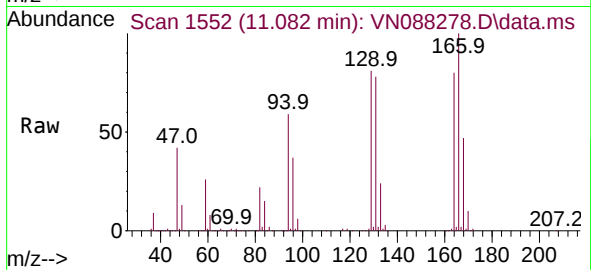
Tgt Ion: 95 Resp: 156905
Ion Ratio Lower Upper
95 100
174 67.4 54.5 81.7
176 64.2 53.8 80.6





#61
Tetrachloroethene
Concen: 156.418 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

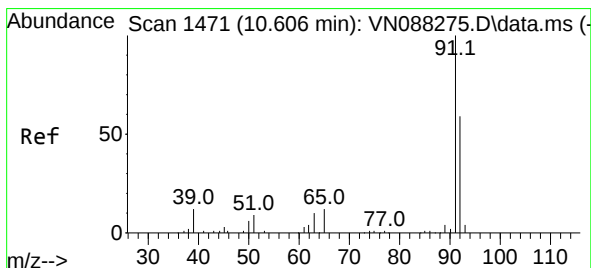
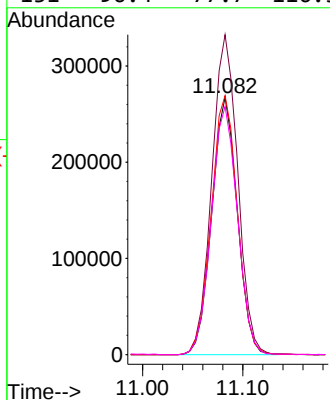
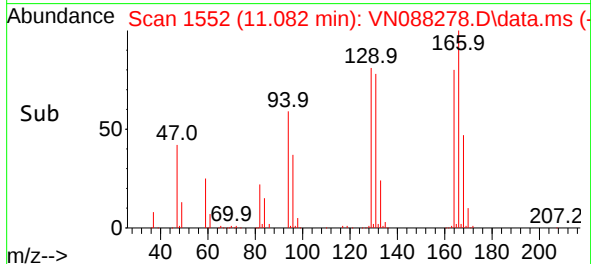
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:164 Resp: 471972
Ion Ratio Lower Upper
164 100
166 124.4 96.3 144.5
129 100.6 76.2 114.2
131 96.4 77.7 116.5

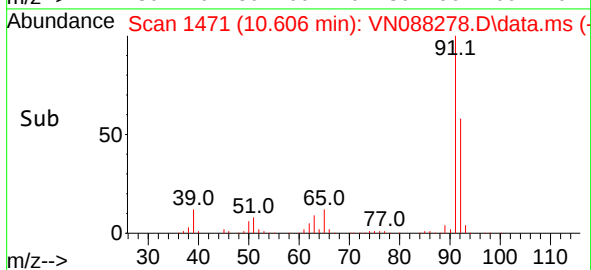
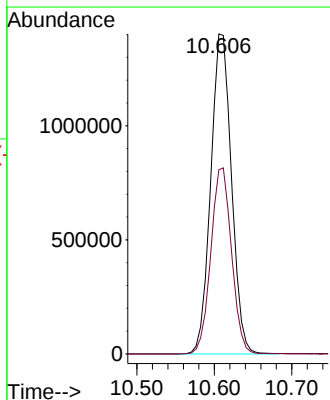
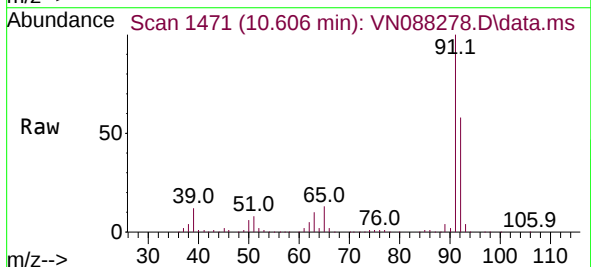
Manual Integrations
APPROVED

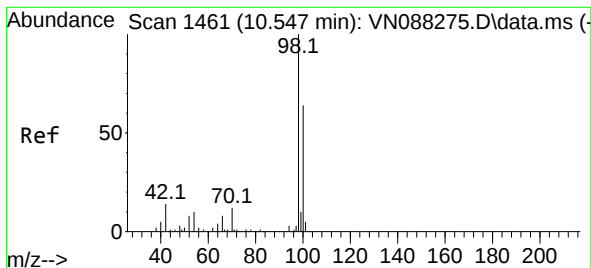
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#62
Toluene
Concen: 155.630 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion: 91 Resp: 2615873
Ion Ratio Lower Upper
91 100
92 58.0 46.7 70.1





#63

Toluene-d8

Concen: 31.481 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 98 Resp: 418750

Ion Ratio Lower Upper

98 100

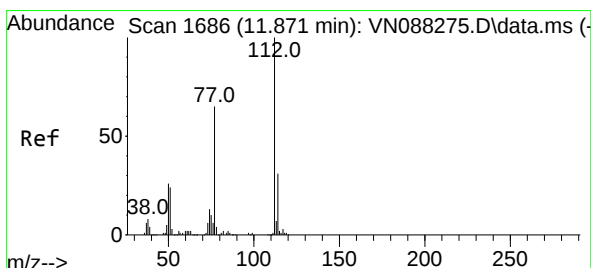
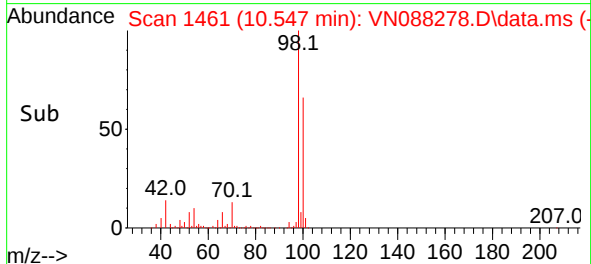
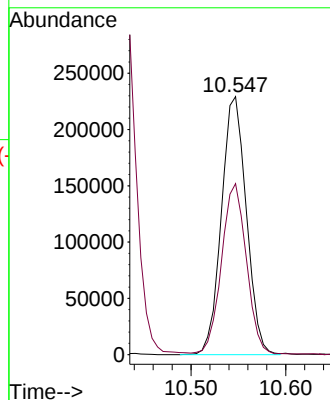
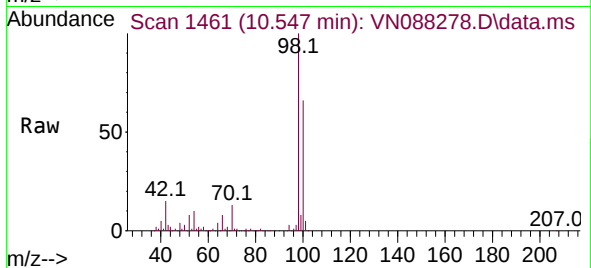
100 65.9 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#64

Chlorobenzene

Concen: 152.242 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088278.D

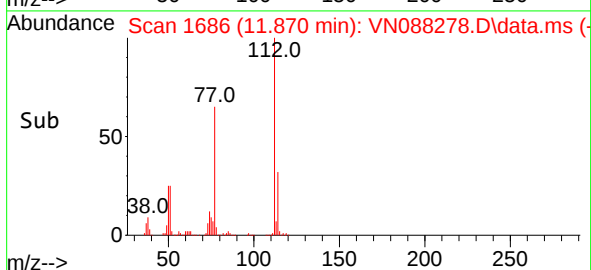
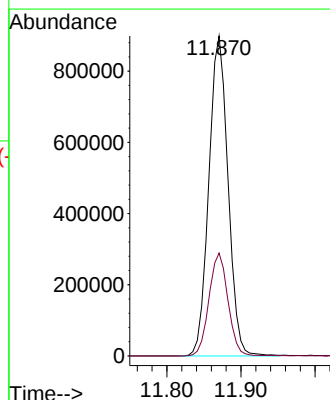
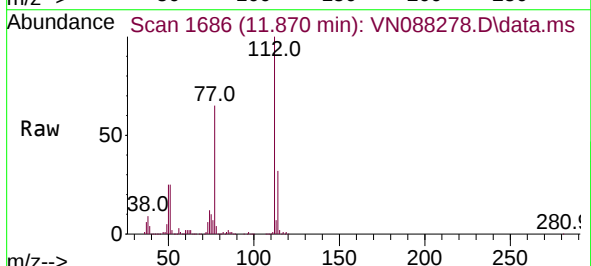
Acq: 13 Nov 2025 11:50

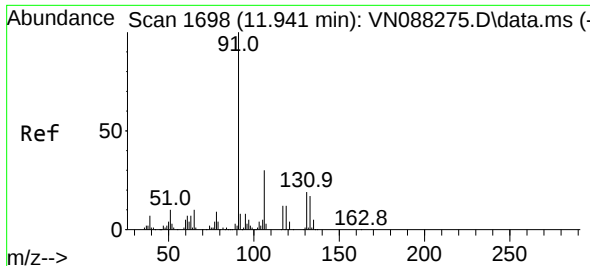
Tgt Ion:112 Resp: 1614092

Ion Ratio Lower Upper

112 100

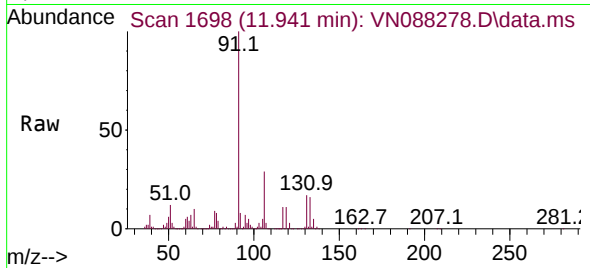
114 32.1 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 151.164 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

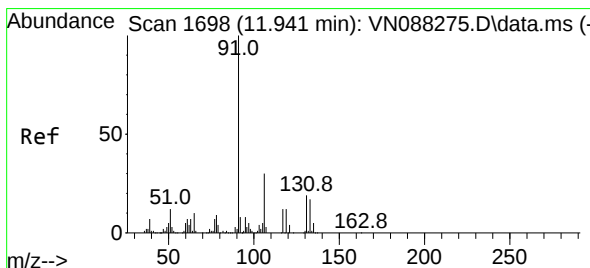
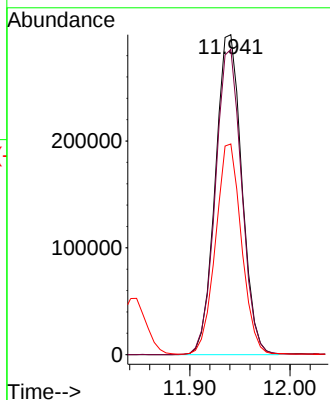
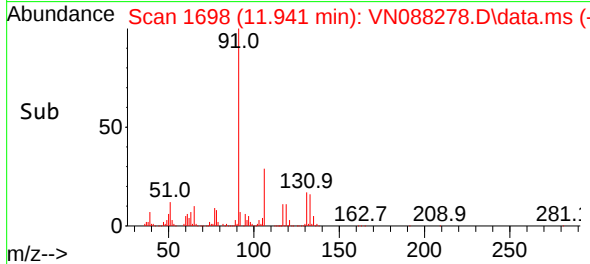
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



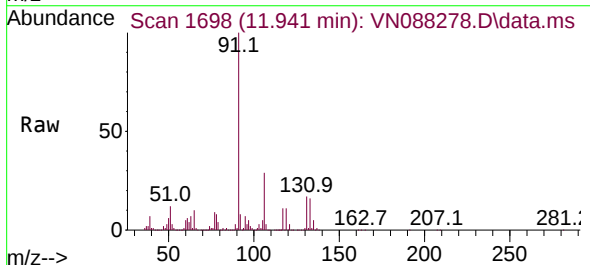
Tgt Ion:131 Resp: 550423
Ion Ratio Lower Upper
131 100
133 95.0 0.0 181.4
119 64.6 0.0 135.0

Manual Integrations
APPROVED

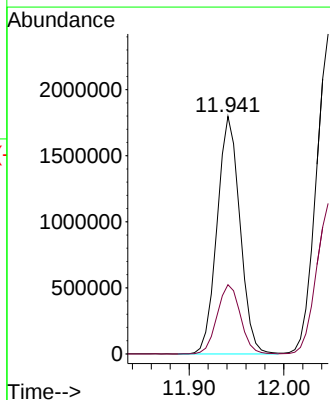
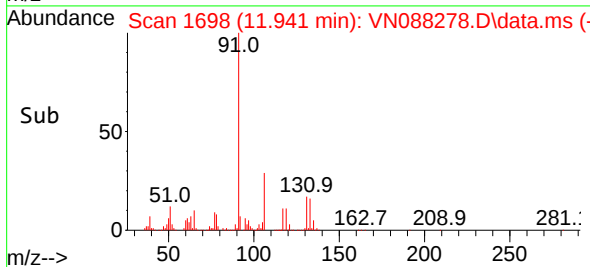
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

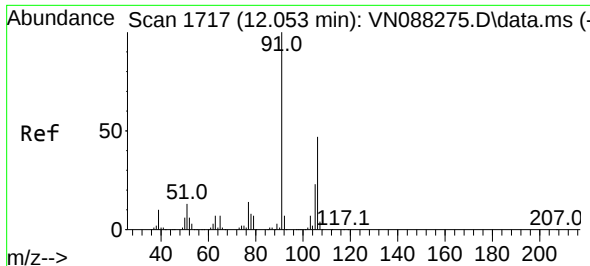


#66
Ethyl Benzene
Concen: 164.765 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



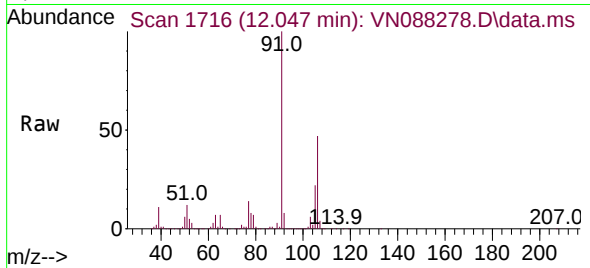
Tgt Ion: 91 Resp: 3012482
Ion Ratio Lower Upper
91 100
106 29.1 24.4 36.6





#67
m/p-Xylenes
Concen: 318.811 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

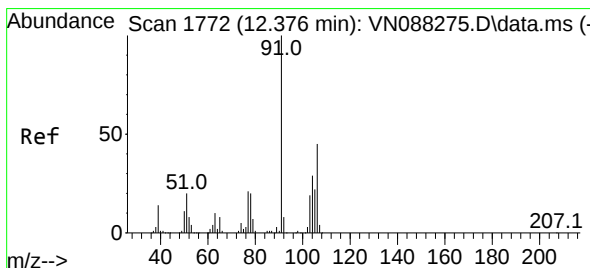
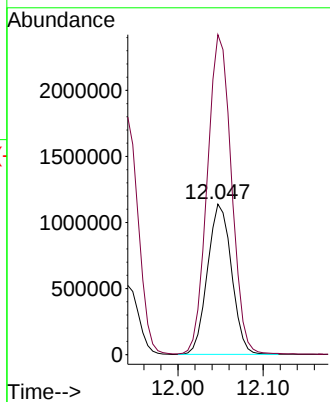
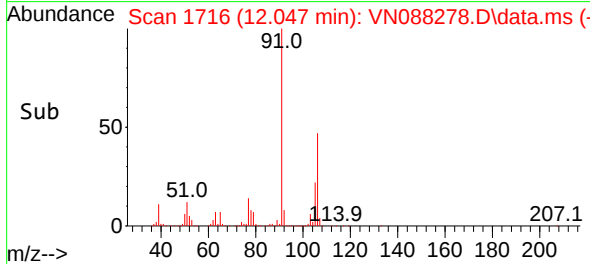
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:106 Resp: 2231809
Ion Ratio Lower Upper
106 100
91 213.1 168.3 252.5

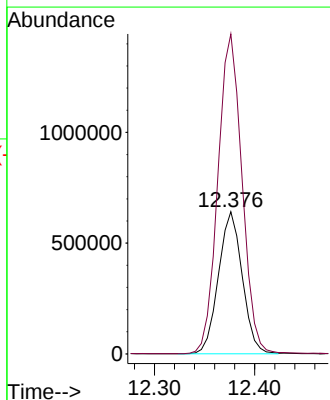
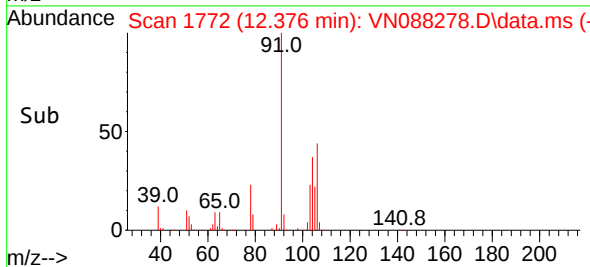
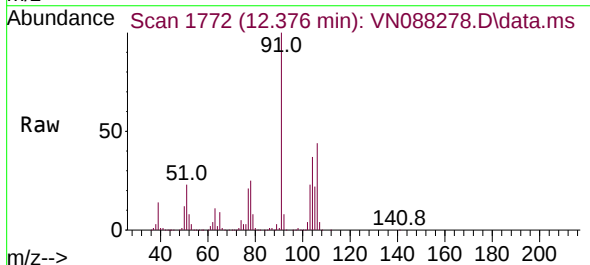
Manual Integrations
APPROVED

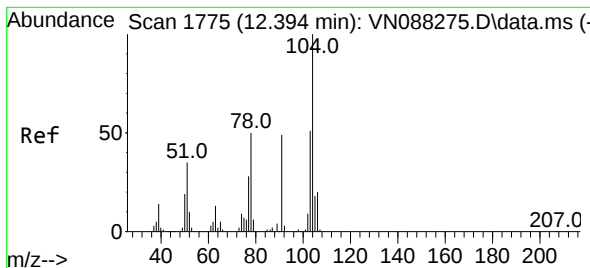
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#68
o-Xylene
Concen: 154.351 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion:106 Resp: 1059250
Ion Ratio Lower Upper
106 100
91 228.2 114.0 342.0





#69

Styrene

Concen: 159.954 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:104 Resp: 1832890

Ion Ratio Lower Upper

104 100

78 56.5 43.8 65.8

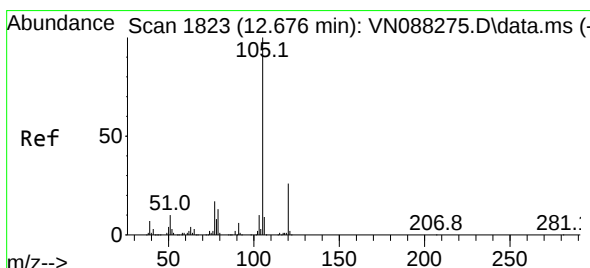
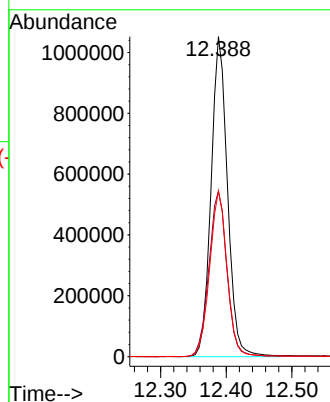
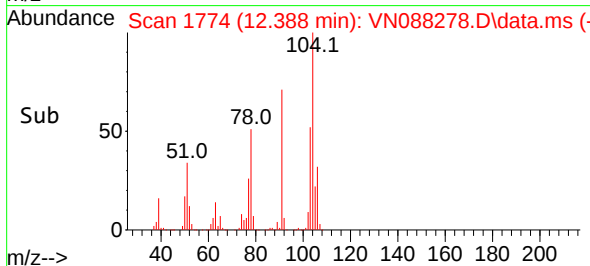
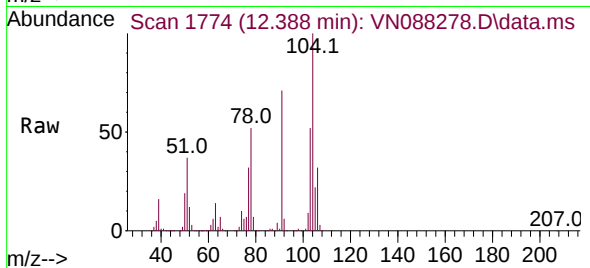
103 54.8 44.8 67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#70

Isopropylbenzene

Concen: 167.970 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.006 min

Lab File: VN088278.D

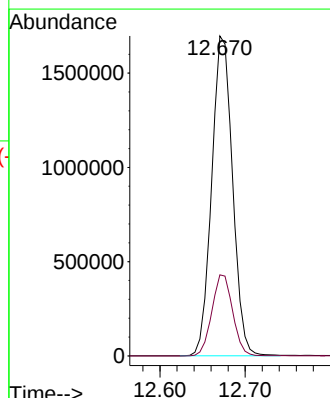
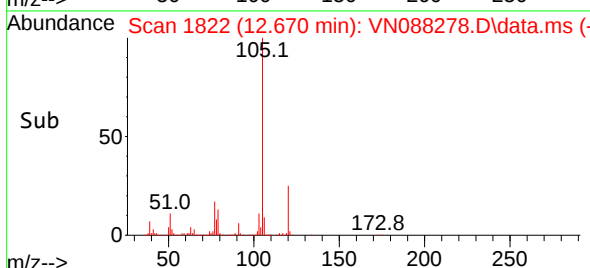
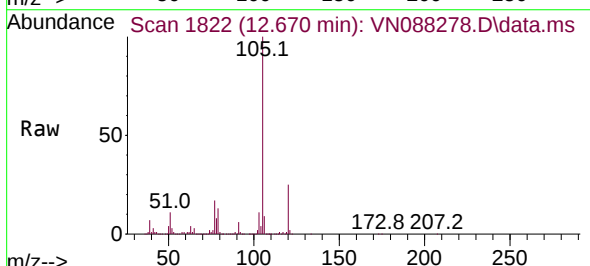
Acq: 13 Nov 2025 11:50

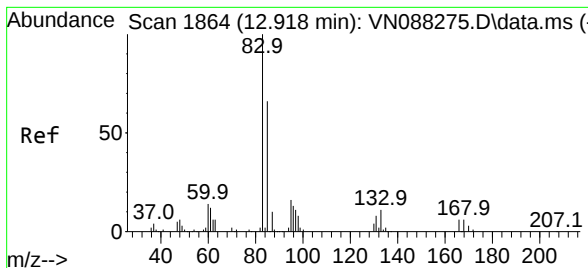
Tgt Ion:105 Resp: 2887068

Ion Ratio Lower Upper

105 100

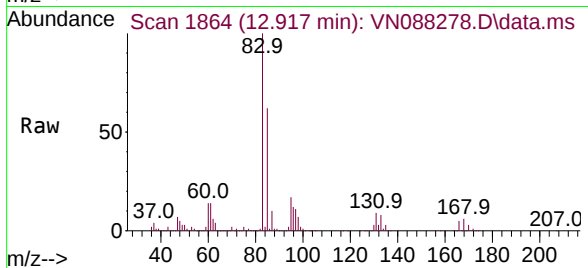
120 25.3 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 150.136 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

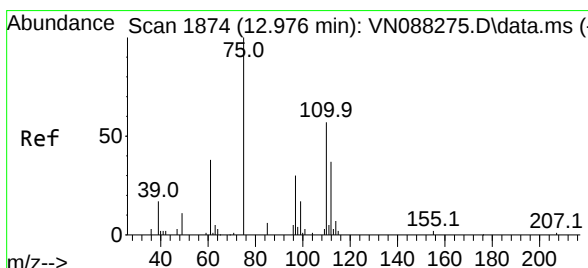
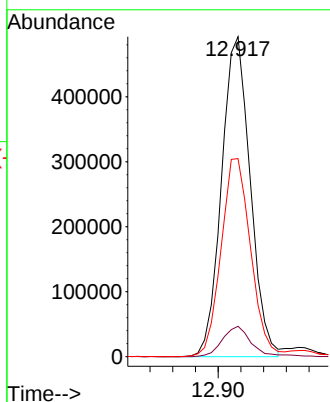
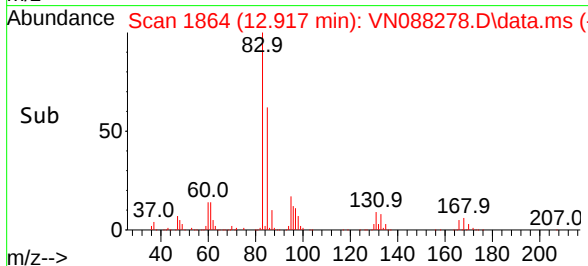
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



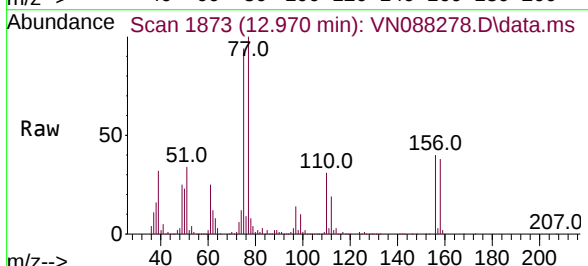
Tgt Ion: 83 Resp: 864953
Ion Ratio Lower Upper
83 100
131 9.2 4.3 12.9
85 63.8 32.4 97.2

Manual Integrations
APPROVED

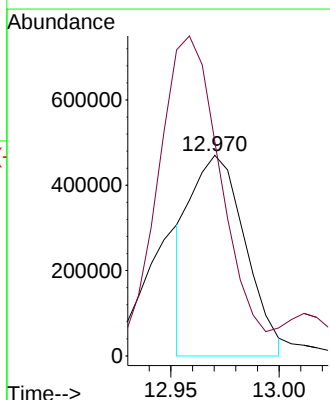
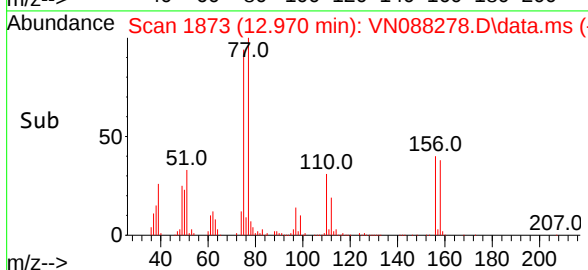
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

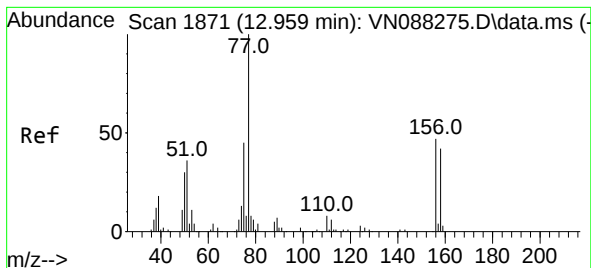


#72
1,2,3-Trichloropropane
Concen: 154.690 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



Tgt Ion: 75 Resp: 827243
Ion Ratio Lower Upper
75 100
77 185.3 0.0 386.6





#73

Bromobenzene

Concen: 147.441 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

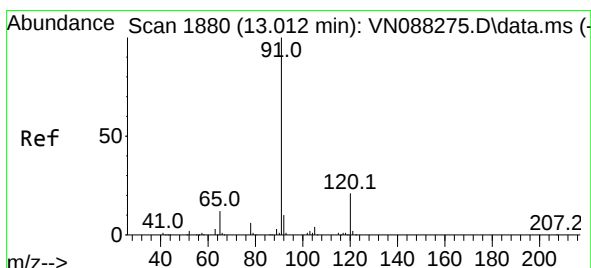
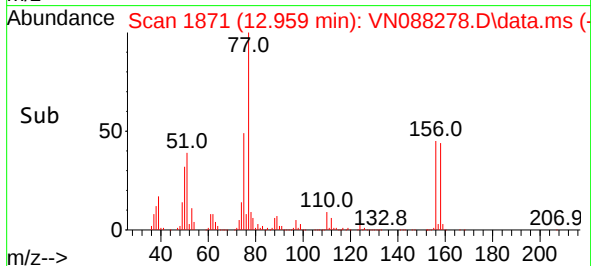
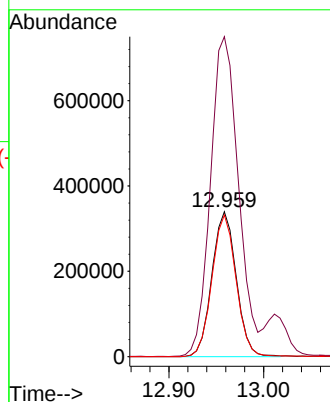
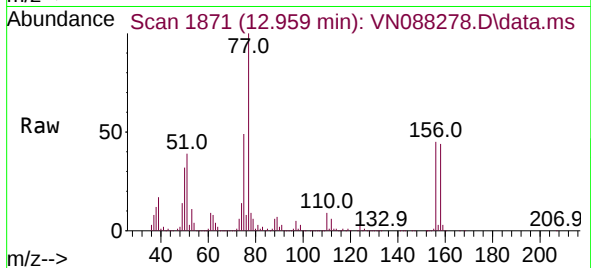
VSTDICC150

Tgt Ion:	156	Resp:	605473
Ion Ratio	Lower	Upper	
156	100		
77	253.2	0.0	493.4
158	97.0	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#74

n-propylbenzene

Concen: 167.395 ug/l

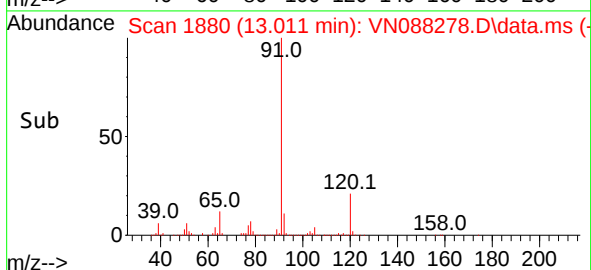
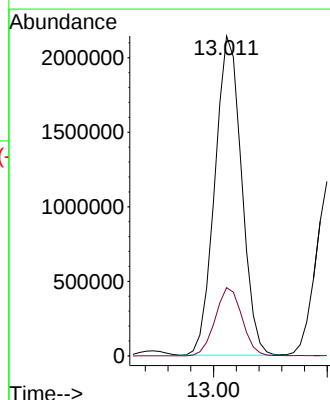
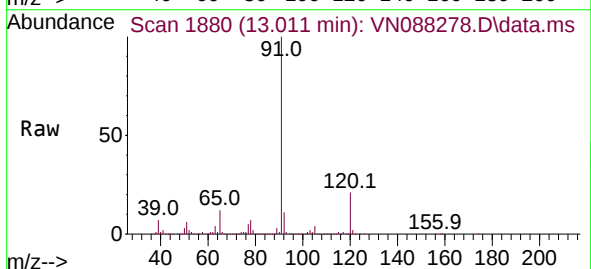
RT: 13.011 min Scan# 1880

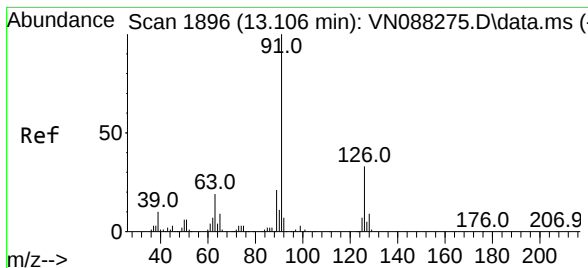
Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

Tgt Ion:	91	Resp:	3494880
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	43.2





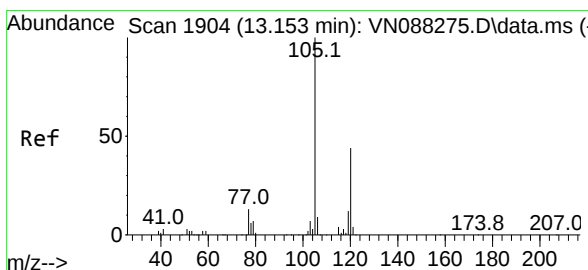
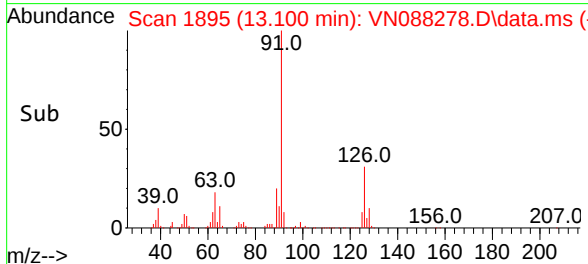
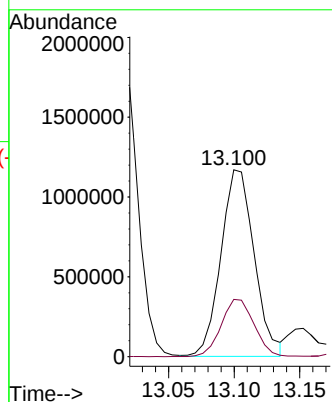
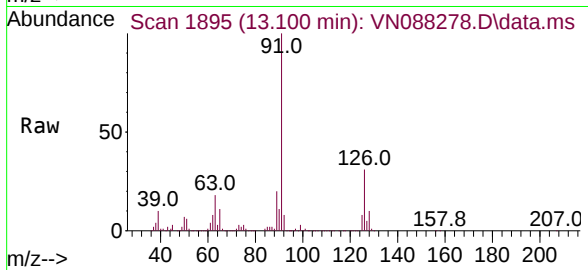
#75
2-Chlorotoluene
Concen: 163.004 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2070119
Ion Ratio Lower Upper
91 100
126 30.4 0.0 62.0

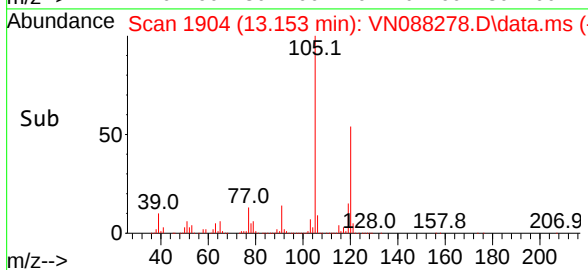
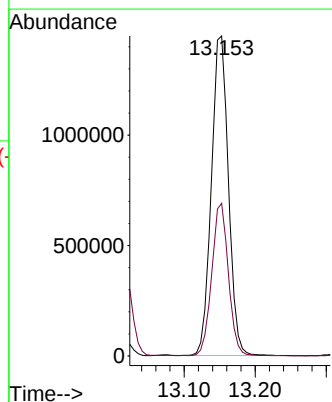
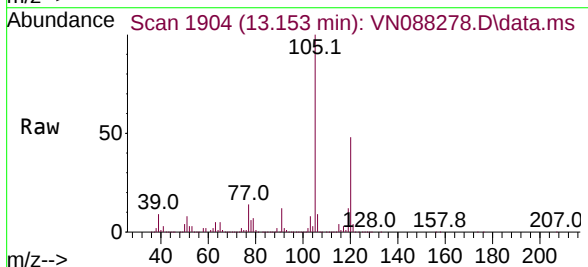
Manual Integrations
APPROVED

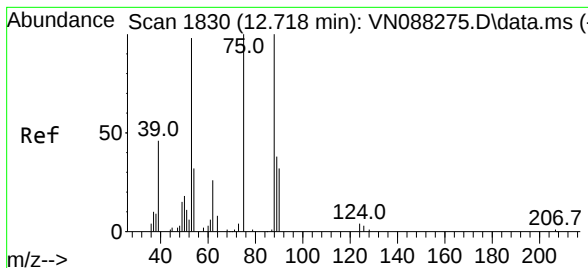
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#76
1,3,5-Trimethylbenzene
Concen: 165.784 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion:105 Resp: 2410543
Ion Ratio Lower Upper
105 100
120 46.4 0.0 94.6





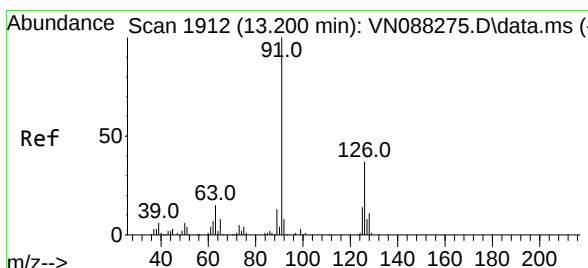
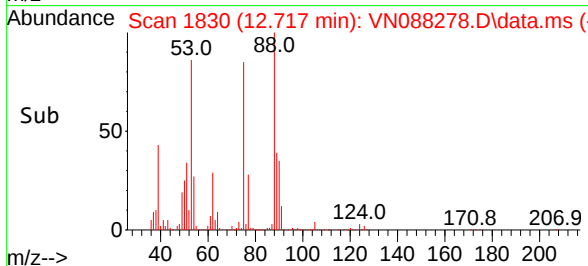
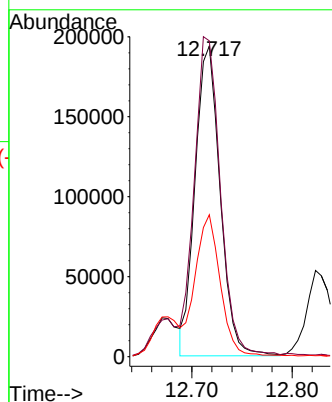
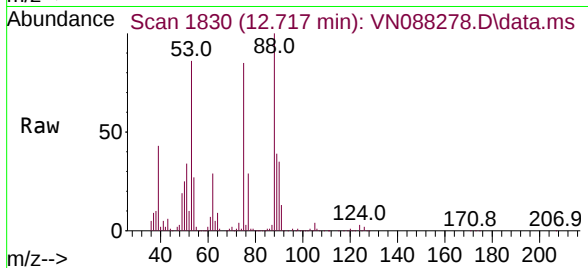
#77
t-1,4-Dichloro-2-butene
Concen: 159.527 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 335518
Ion Ratio Lower Upper
75 100
53 101.5 50.0 150.0
89 45.5 22.3 66.9

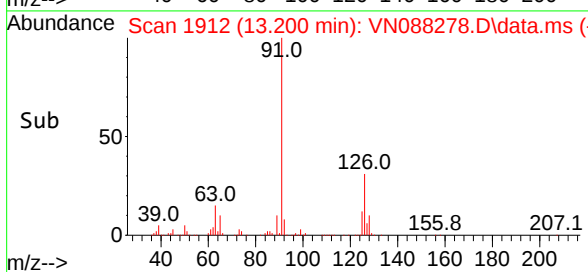
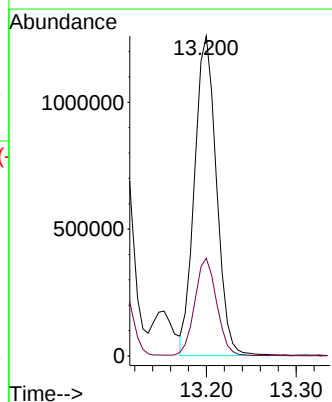
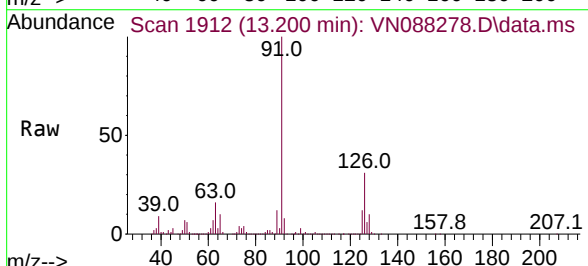
Manual Integrations
APPROVED

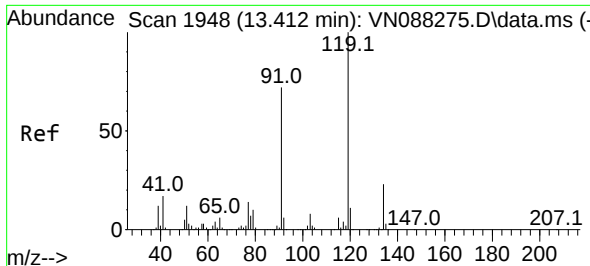
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#78
4-Chlorotoluene
Concen: 165.851 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

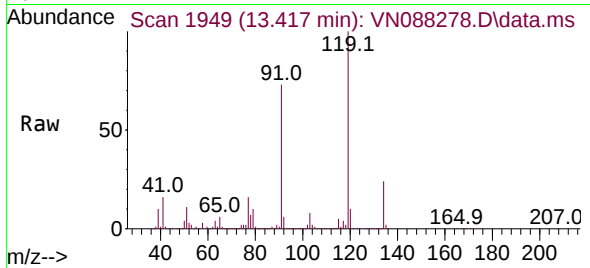
Tgt Ion: 91 Resp: 2139279
Ion Ratio Lower Upper
91 100
126 30.5 0.0 60.8





#79
tert-butylbenzene
Concen: 164.402 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

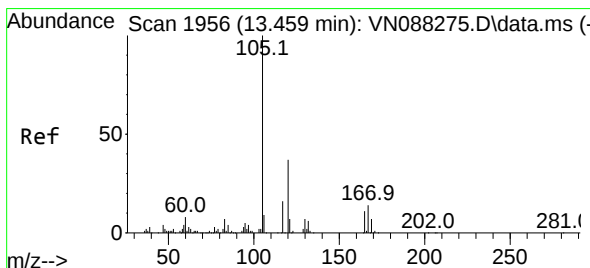
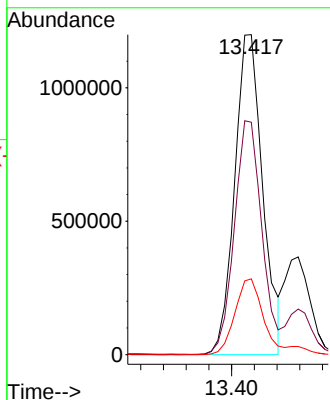
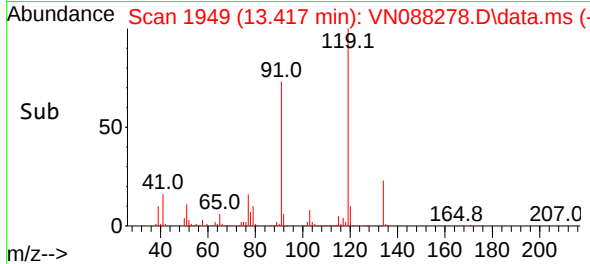
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 2057918
Ion Ratio Lower Upper
119 100
91 71.4 0.0 140.8
134 23.6 0.0 48.4

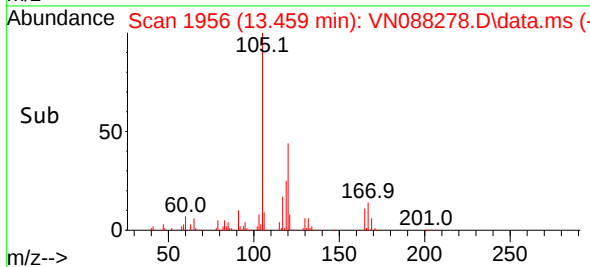
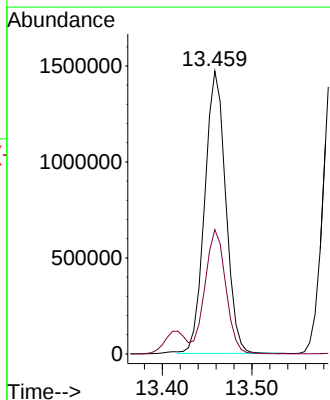
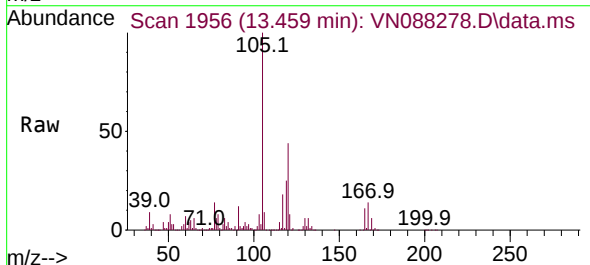
Manual Integrations
APPROVED

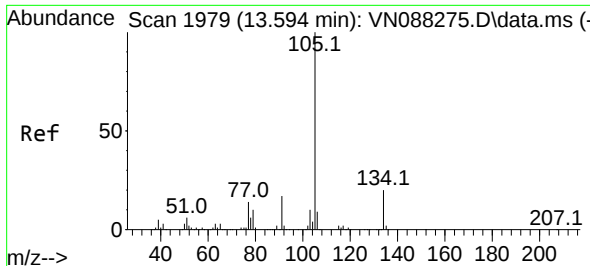
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#80
1,2,4-Trimethylbenzene
Concen: 164.890 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion:105 Resp: 2388876
Ion Ratio Lower Upper
105 100
120 43.8 0.0 89.2





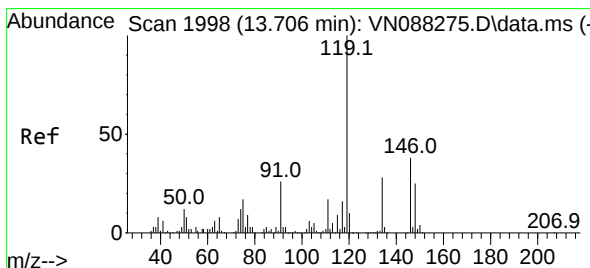
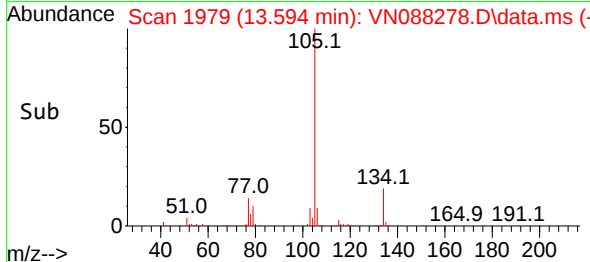
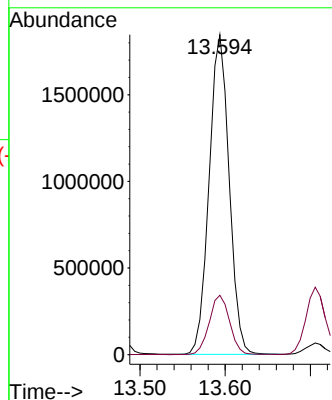
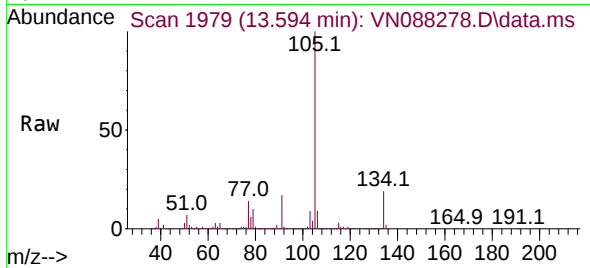
#81
 sec-Butylbenzene
 Concen: 168.738 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088278.D
 Acq: 13 Nov 2025 11:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 3013988
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

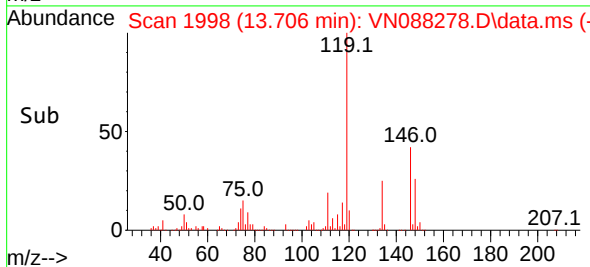
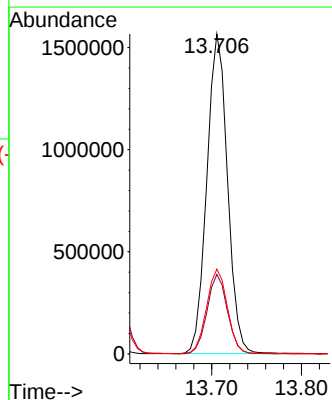
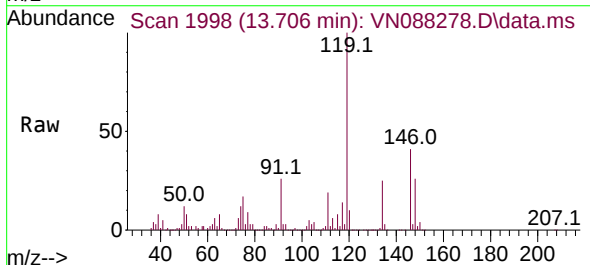
Manual Integrations
 APPROVED

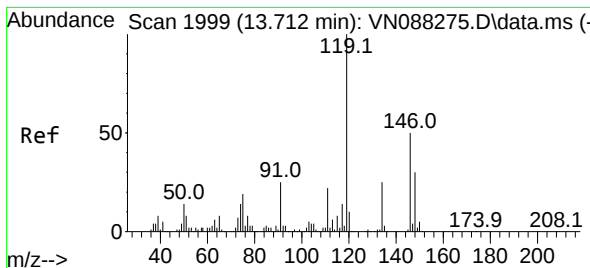
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#82
 p-Isopropyltoluene
 Concen: 166.202 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088278.D
 Acq: 13 Nov 2025 11:50

Tgt Ion:119 Resp: 2513693
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 51.2
 91 26.4 0.0 53.4





#83

1,3-Dichlorobenzene

Concen: 153.157 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 1197075

Ion Ratio Lower Upper

146 100

111 45.6 22.1 66.5

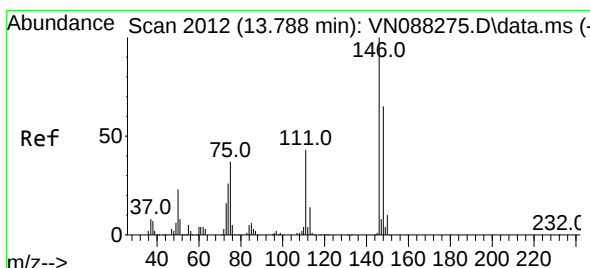
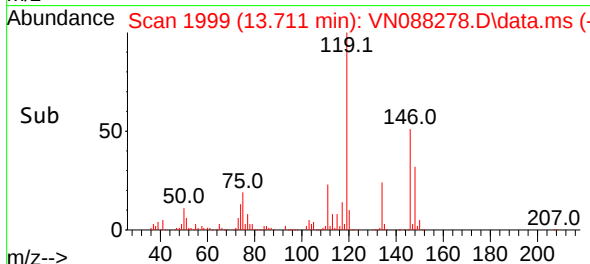
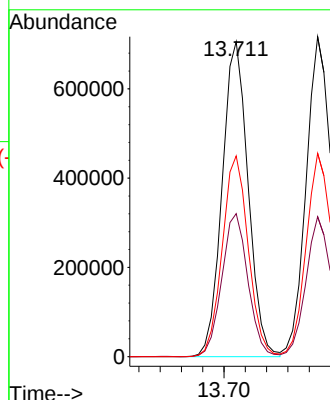
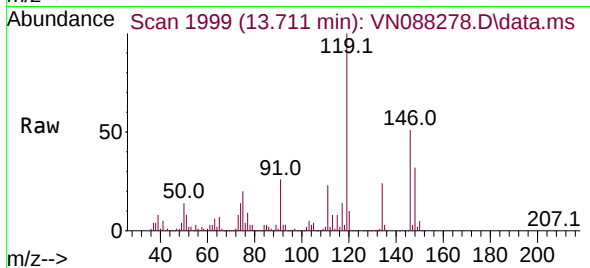
148 63.8 31.4 94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#84

1,4-Dichlorobenzene

Concen: 151.929 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

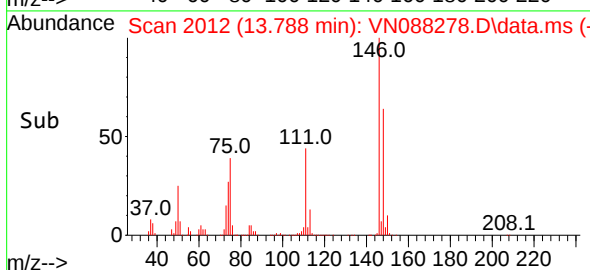
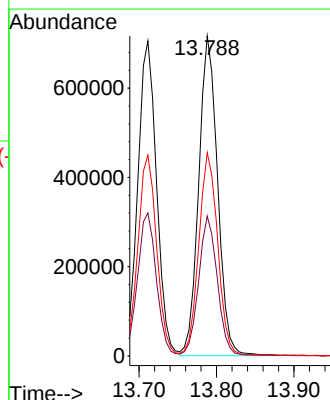
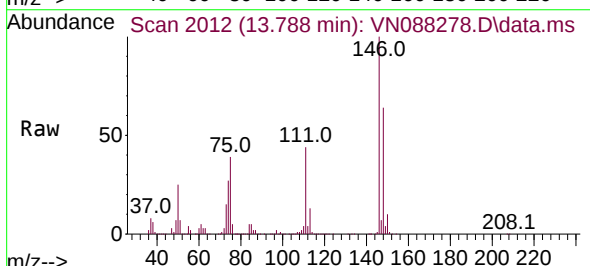
Tgt Ion:146 Resp: 1213140

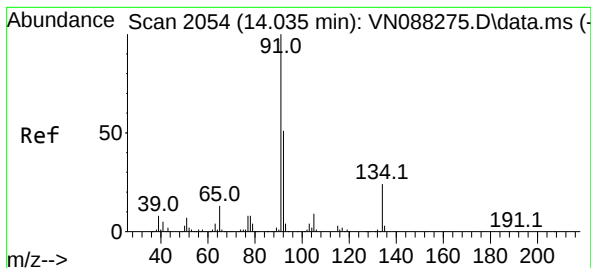
Ion Ratio Lower Upper

146 100

111 42.6 21.8 65.3

148 63.3 31.9 95.5





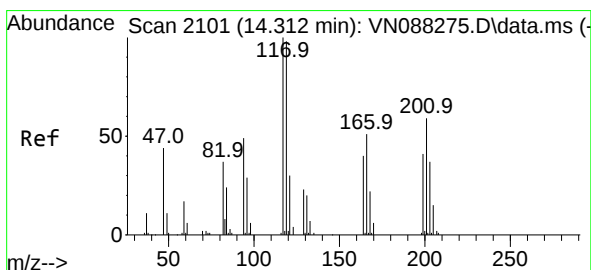
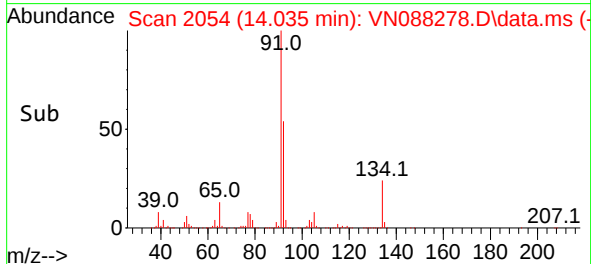
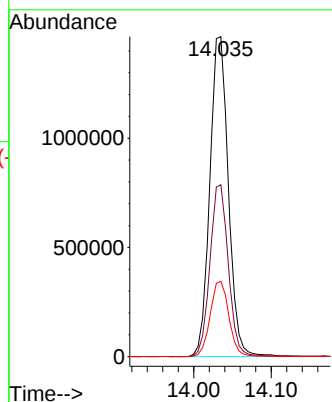
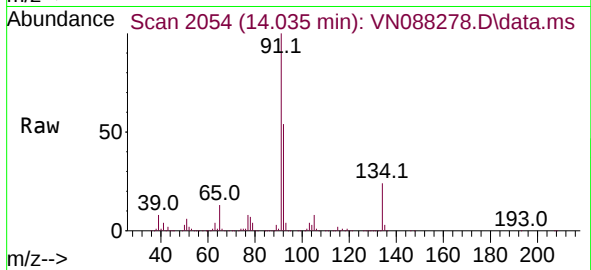
#85
n-Butylbenzene
Concen: 171.034 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2431132
Ion Ratio Lower Upper
91 100
92 53.5 0.0 102.4
134 23.8 0.0 45.8

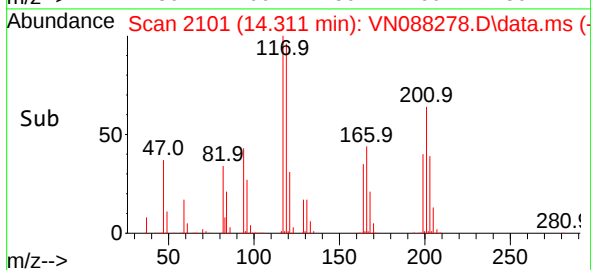
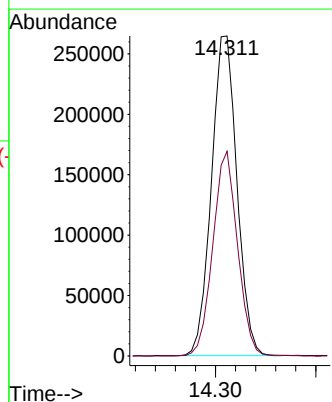
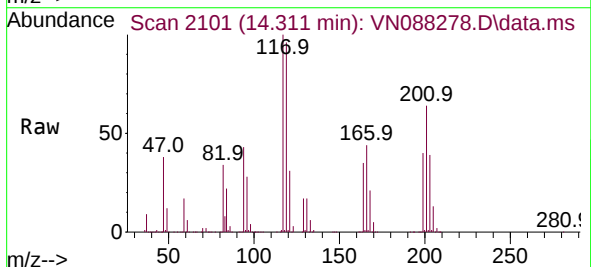
Manual Integrations
APPROVED

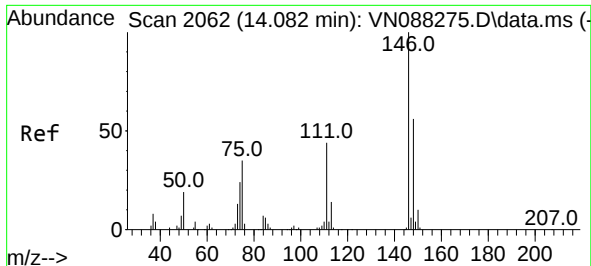
Reviewed By :John Carbone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#86
Hexachloroethane
Concen: 156.422 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

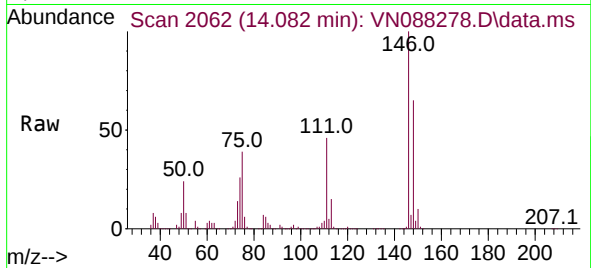
Tgt Ion:117 Resp: 468741
Ion Ratio Lower Upper
117 100
201 61.7 30.6 92.0





#87
1,2-Dichlorobenzene
Concen: 147.186 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

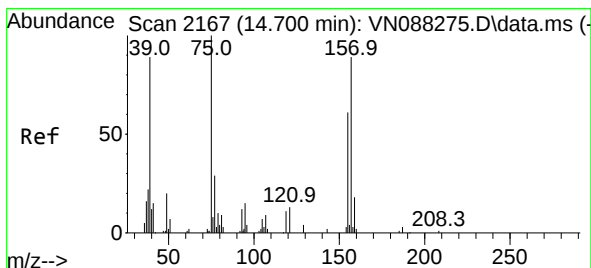
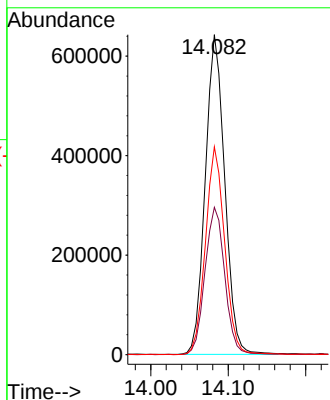
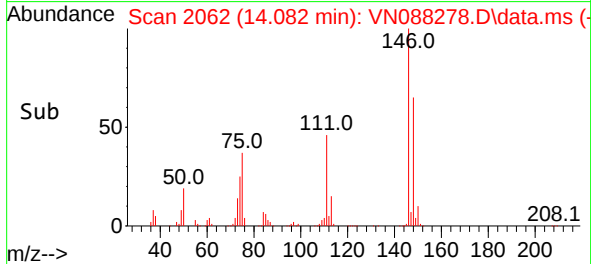
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:146 Resp: 1121846
Ion Ratio Lower Upper
146 100
111 46.8 23.0 69.0
148 64.3 31.1 93.2

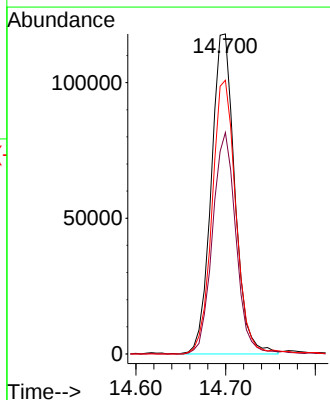
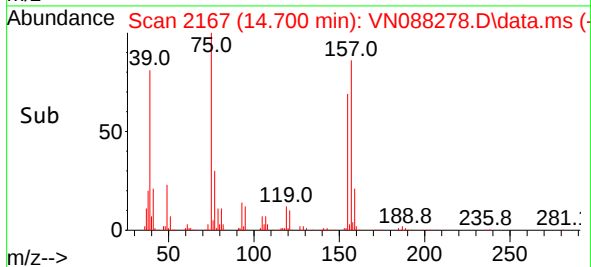
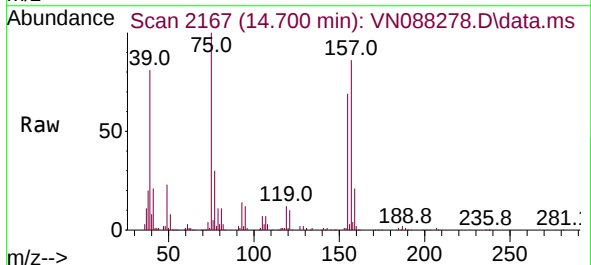
Manual Integrations
APPROVED

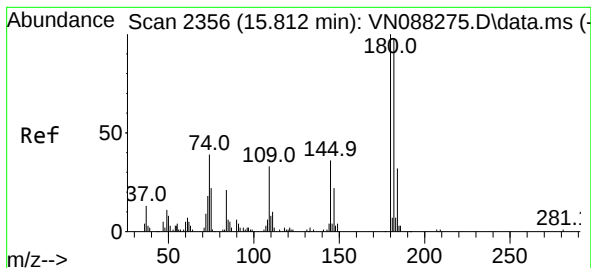
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 165.376 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

Tgt Ion: 75 Resp: 215743
Ion Ratio Lower Upper
75 100
155 68.6 54.8 82.2
157 85.5 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 148.463 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 662170

Ion Ratio Lower Upper

180 100

182 94.4 77.3 115.9

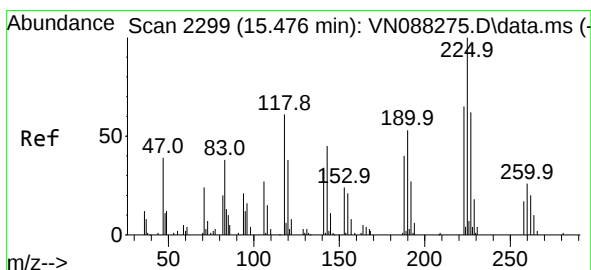
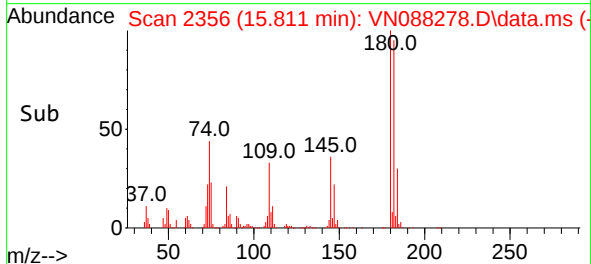
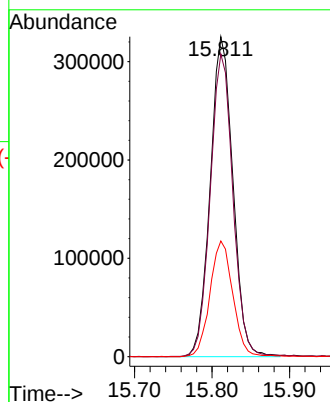
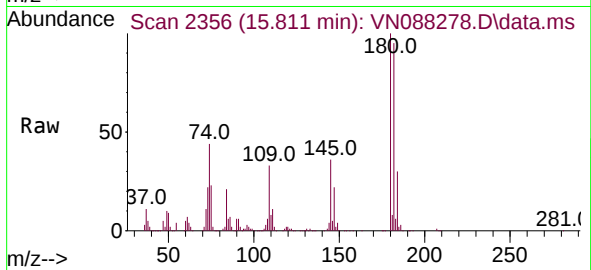
145 36.2 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#90

Hexachlorobutadiene

Concen: 159.893 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088278.D

Acq: 13 Nov 2025 11:50

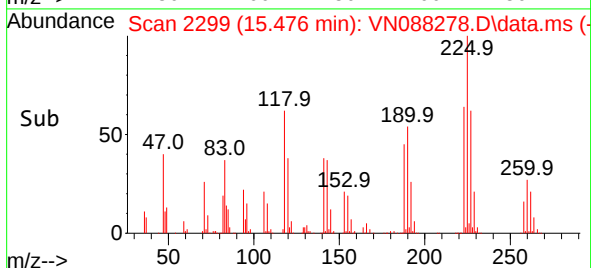
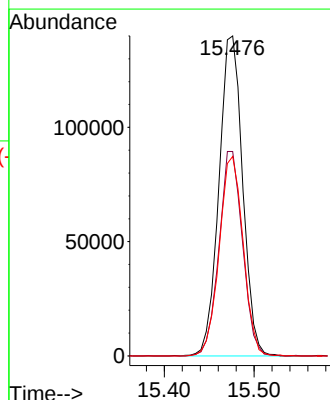
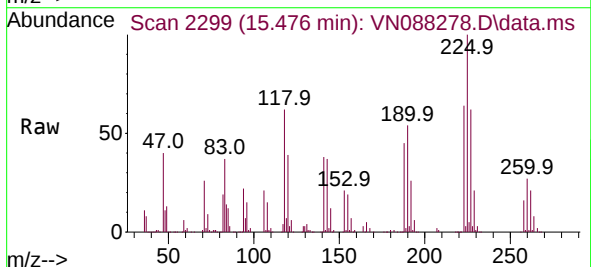
Tgt Ion:225 Resp: 257201

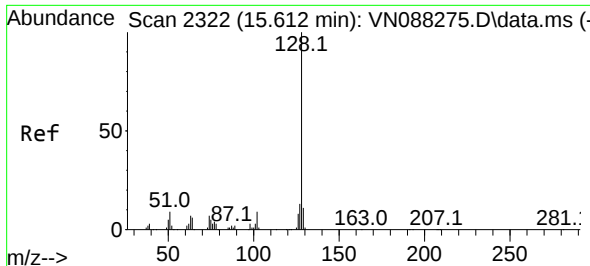
Ion Ratio Lower Upper

225 100

223 63.6 0.0 132.0

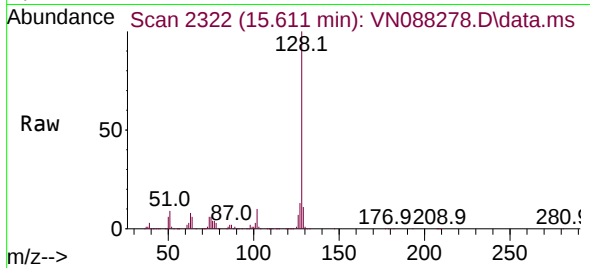
227 62.9 0.0 132.6





#91
Naphthalene
Concen: 150.750 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50

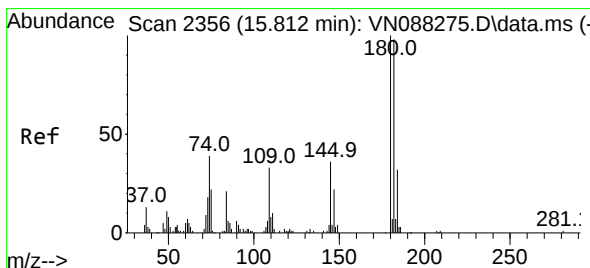
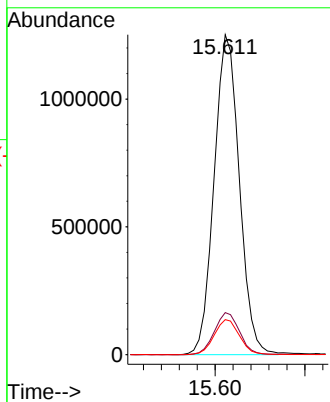
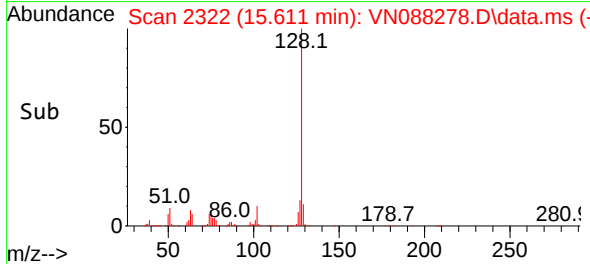
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



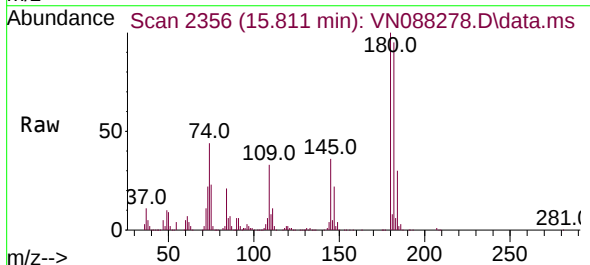
Tgt Ion:128 Resp: 2454033
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 148.463 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088278.D
Acq: 13 Nov 2025 11:50



Tgt Ion:180 Resp: 662170
Ion Ratio Lower Upper
180 100
182 94.4 0.0 193.2
145 36.2 0.0 75.6

