

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088133.D
 Acq On : 28 Oct 2025 12:56
 Operator : JC\MD
 Sample : VN1028WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/29/2025
 Supervised By : Semsettin Yesilyurt 10/29/2025

Quant Time: Oct 29 02:21:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	291689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	541645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	475634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	239035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	258209	51.192	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.380%			
35) Dibromofluoromethane	8.147	113	171228	47.056	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.120%			
50) Toluene-d8	10.547	98	636283	45.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.760%			
62) 4-Bromofluorobenzene	12.829	95	242249	48.923	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	70419	21.402	ug/l	100
3) Chloromethane	2.383	50	77394	19.994	ug/l	99
4) Vinyl Chloride	2.536	62	88812	21.058	ug/l	99
5) Bromomethane	2.977	94	41437	16.426	ug/l	98
6) Chloroethane	3.142	64	58133	19.131	ug/l	93
7) Trichlorofluoromethane	3.512	101	134275	19.961	ug/l	100
8) Diethyl Ether	3.959	74	53670	21.467	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	72758	20.961	ug/l	98
10) Methyl Iodide	4.577	142	59891	20.233	ug/l	99
11) Tert butyl alcohol	5.518	59	111004	127.744	ug/l	98
12) 1,1-Dichloroethene	4.330	96	70267	19.166	ug/l	96
13) Acrolein	4.177	56	114186	116.823	ug/l	99
14) Allyl chloride	5.012	41	135910	21.150	ug/l	99
15) Acrylonitrile	5.712	53	279637	118.140	ug/l	99
16) Acetone	4.424	43	295201	116.496	ug/l	94
17) Carbon Disulfide	4.706	76	217324	19.500	ug/l	99
18) Methyl Acetate	5.018	43	126703	24.424	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	310616	23.070	ug/l	96
20) Methylene Chloride	5.265	84	90379	23.334	ug/l	91
21) trans-1,2-Dichloroethene	5.777	96	83394	20.723	ug/l	95
22) Diisopropyl ether	6.659	45	313704	23.213	ug/l	99
23) Vinyl Acetate	6.594	43	1458395	119.802	ug/l	100
24) 1,1-Dichloroethane	6.553	63	169247	22.608	ug/l	97
25) 2-Butanone	7.471	43	402084	120.405	ug/l	100
26) 2,2-Dichloropropane	7.477	77	142505	20.947	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	98578	21.278	ug/l	92
28) Bromochloromethane	7.794	49	68555	19.381	ug/l	98
29) Tetrahydrofuran	7.824	42	249581	114.681	ug/l	99
30) Chloroform	7.953	83	171941	22.991	ug/l	97
31) Cyclohexane	8.241	56	153150	21.691	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	145001	21.769	ug/l	96
36) 1,1-Dichloropropene	8.353	75	120101	22.605	ug/l	99
37) Ethyl Acetate	7.553	43	160558	23.417	ug/l	97
38) Carbon Tetrachloride	8.341	117	121603	22.160	ug/l	94
39) Methylcyclohexane	9.582	83	147046	21.532	ug/l	99
40) Benzene	8.588	78	357097	22.069	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	82201	22.779	ug/l	98
42) 1,2-Dichloroethane	8.653	62	136857	23.804	ug/l	100
43) Isopropyl Acetate	8.671	43	250856	23.810	ug/l	99
44) Trichloroethene	9.329	130	82208	21.736	ug/l	95
45) 1,2-Dichloropropane	9.606	63	94080	23.031	ug/l	94
46) Dibromomethane	9.688	93	67971	23.330	ug/l	99
47) Bromodichloromethane	9.865	83	135625	23.251	ug/l	98
48) Methyl methacrylate	9.665	41	116465	23.944	ug/l	98
49) 1,4-Dioxane	9.682	88	30731	507.974	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	773977	124.179	ug/l	100
52) Toluene	10.612	92	219648	22.017	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	140958	22.705	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	150207	22.801	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	84940	22.442	ug/l	99
56) Ethyl methacrylate	10.859	69	141351	23.600	ug/l	94
57) 1,3-Dichloropropane	11.141	76	157479	23.672	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	350506	112.504	ug/l	100
59) 2-Hexanone	11.176	43	486698	117.711	ug/l	98
60) Dibromochloromethane	11.335	129	95768	22.262	ug/l	97
61) 1,2-Dibromoethane	11.447	107	88009	22.594	ug/l	99
64) Tetrachloroethene	11.082	164	67761	21.598	ug/l	95
65) Chlorobenzene	11.871	112	235754	21.829	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	80806	22.837	ug/l	99
67) Ethyl Benzene	11.941	91	427092	22.529	ug/l	100
68) m/p-Xylenes	12.047	106	314121	44.223	ug/l	98
69) o-Xylene	12.376	106	150831	22.400	ug/l	95
70) Styrene	12.388	104	250719	22.834	ug/l	95
71) Bromoform	12.559	173	59000	22.344	ug/l #	99
73) Isopropylbenzene	12.676	105	404073	21.917	ug/l	99
74) N-amyl acetate	12.676	43	96509m	18.440	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	132787	23.135	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	112518m	20.589	ug/l	
77) Bromobenzene	12.959	156	91002	22.890	ug/l	97
78) n-propylbenzene	13.012	91	494834	21.994	ug/l	98
79) 2-Chlorotoluene	13.100	91	295688	23.046	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	340635	22.247	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	36282	18.519	ug/l	93
82) 4-Chlorotoluene	13.200	91	305914	22.038	ug/l	98
83) tert-Butylbenzene	13.412	119	298438	21.819	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	348409	22.743	ug/l	97
85) sec-Butylbenzene	13.594	105	442176	22.004	ug/l	99
86) p-Isopropyltoluene	13.706	119	365354	22.664	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	178063	22.436	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	186271	21.853	ug/l	97
89) n-Butylbenzene	14.035	91	352069	22.048	ug/l	97
90) Hexachloroethane	14.312	117	66437	21.282	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	173351	22.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	31736	23.755	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	105924	22.862	ug/l	98
94) Hexachlorobutadiene	15.476	225	39392	22.831	ug/l	97
95) Naphthalene	15.611	128	371027	23.376	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	102213	23.008	ug/l	99

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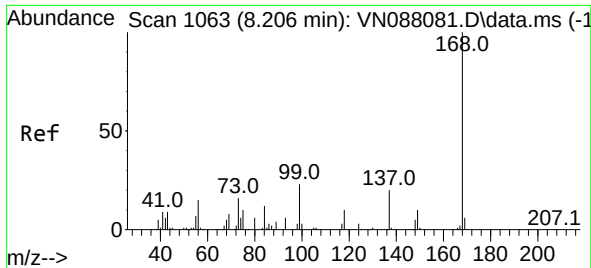
Manual Integrations
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Response via : Initial Calibration

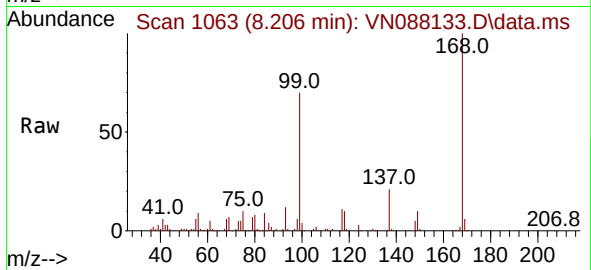
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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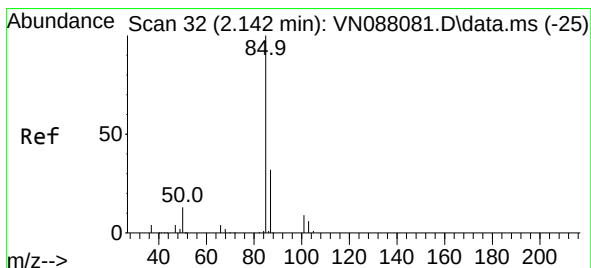
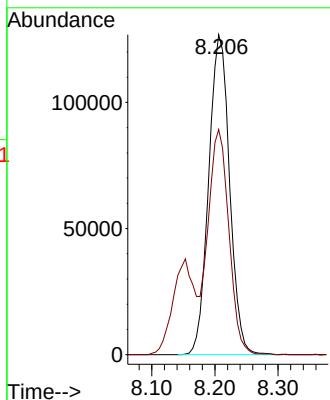
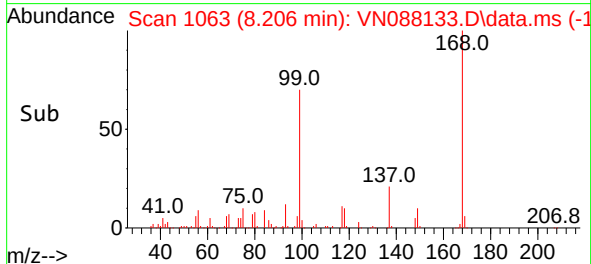
Instrument :
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ClientSampleId :
VN1028WBSD01



Tgt Ion:168 Resp: 291689
Ion Ratio Lower Upper
168 100
99 70.4 57.2 85.8

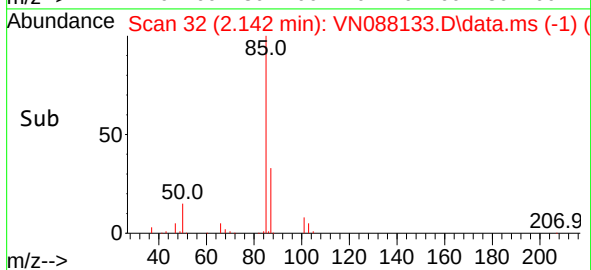
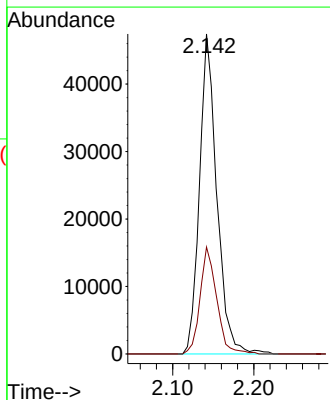
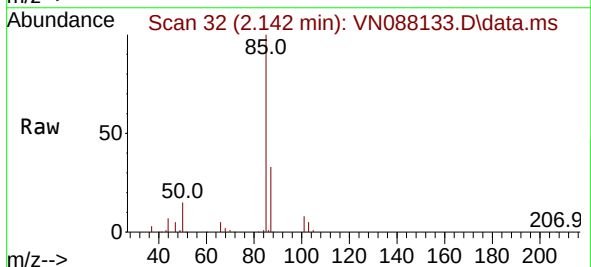
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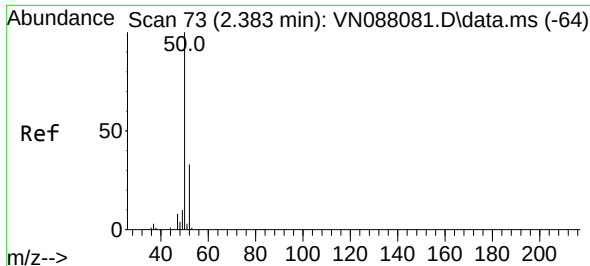
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#2
Dichlorodifluoromethane
Concen: 21.402 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

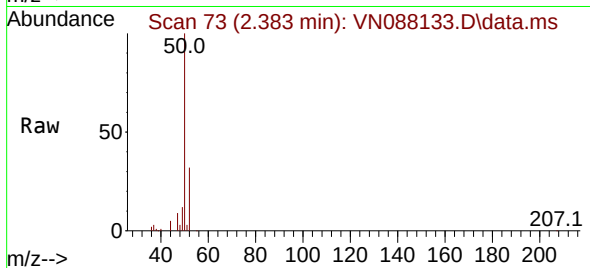
Tgt Ion: 85 Resp: 70419
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.8





#3
Chloromethane
Concen: 19.994 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

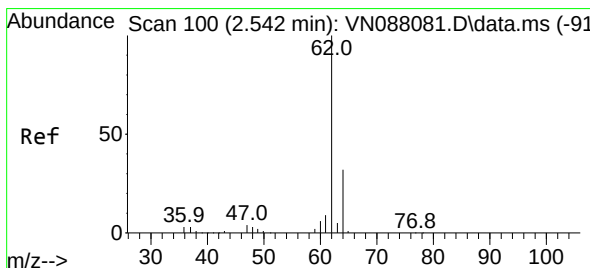
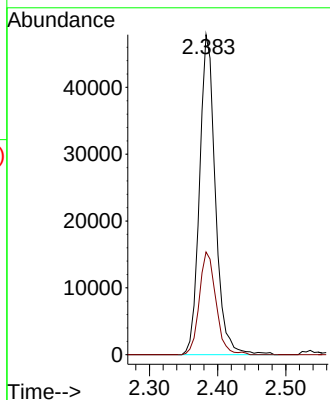
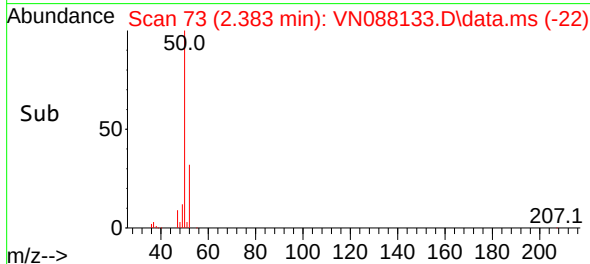
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Tgt Ion: 50 Resp: 77394
Ion Ratio Lower Upper
50 100
52 32.1 26.2 39.4

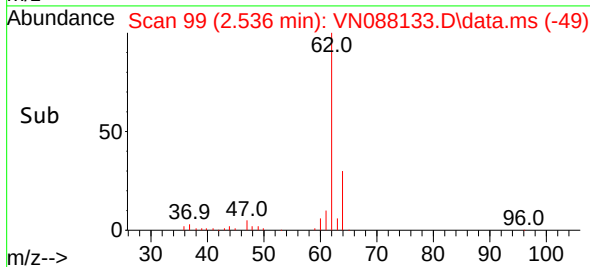
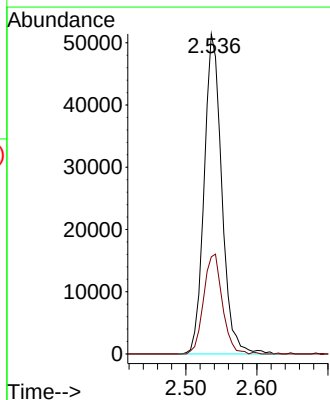
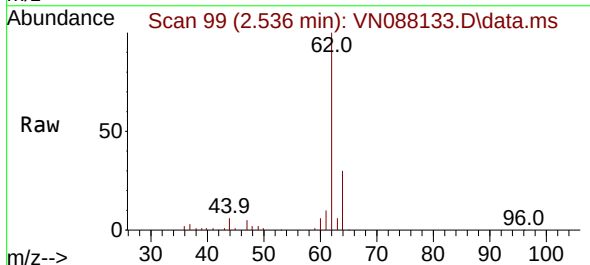
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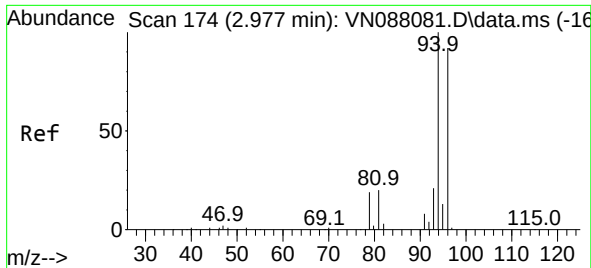
Reviewed By :John Carlone 10/29/2025
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#4
Vinyl Chloride
Concen: 21.058 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

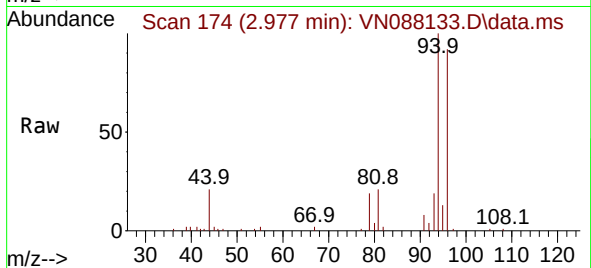
Tgt Ion: 62 Resp: 88812
Ion Ratio Lower Upper
62 100
64 30.3 24.6 37.0





#5
Bromomethane
Concen: 16.426 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

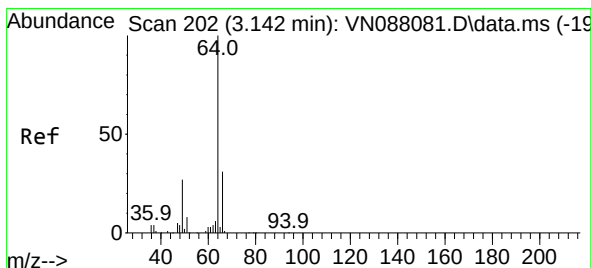
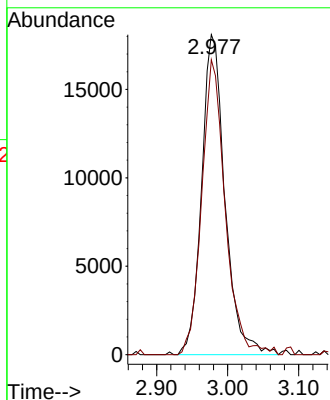
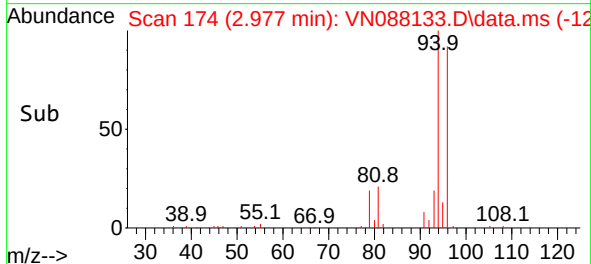
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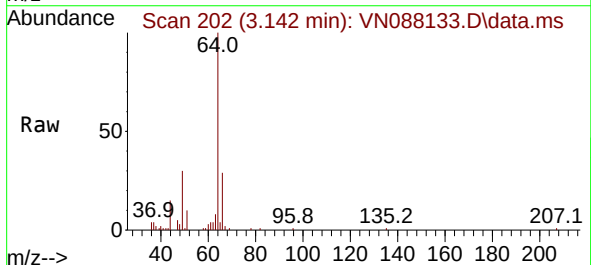
Tgt Ion: 94 Resp: 4143
Ion Ratio Lower Upper
94 100
96 92.2 75.4 113.2

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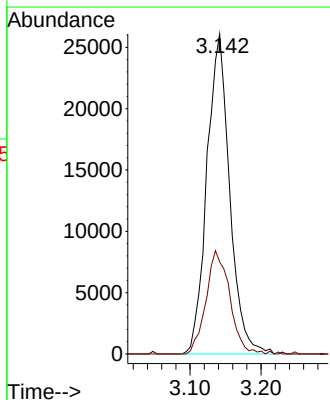
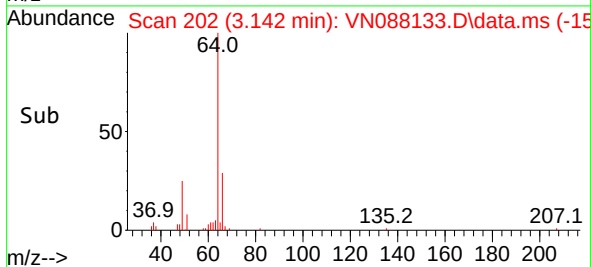
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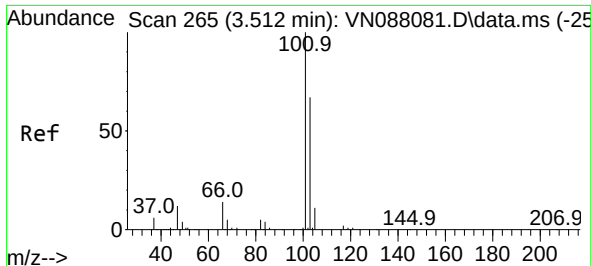


#6
Chloroethane
Concen: 19.131 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088133.D
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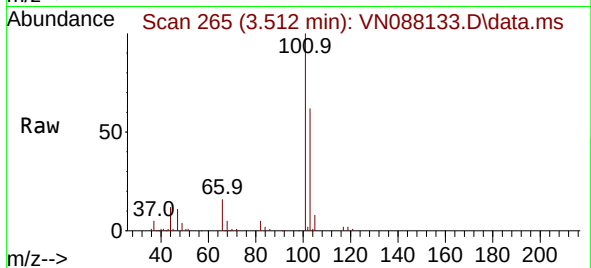
Tgt Ion: 64 Resp: 58133
Ion Ratio Lower Upper
64 100
66 28.8 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 19.961 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088133.D
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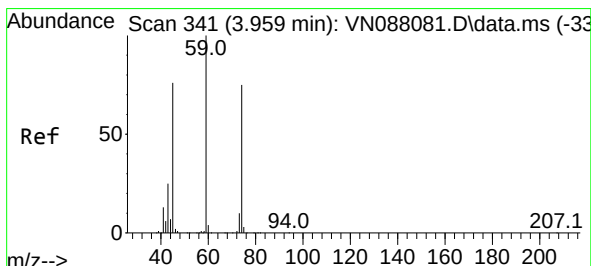
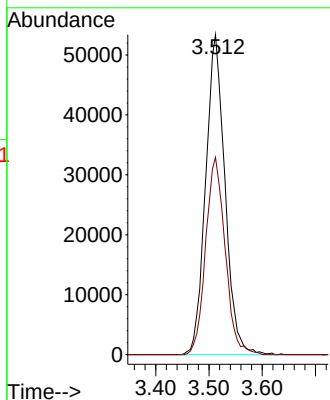
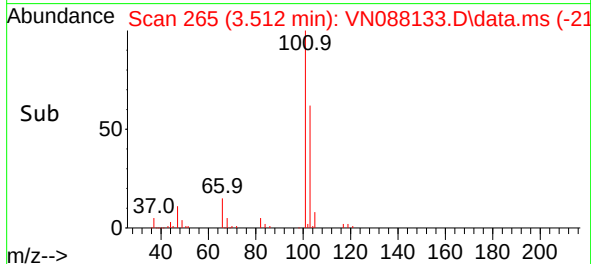
Instrument :
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Tgt Ion:101 Resp: 134275
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.4 74.0

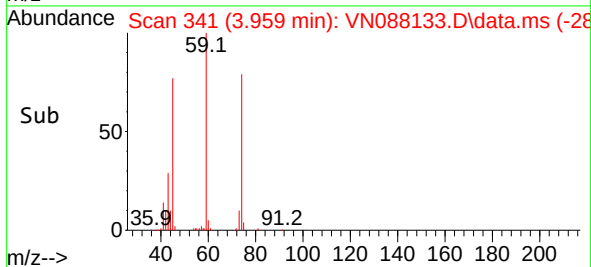
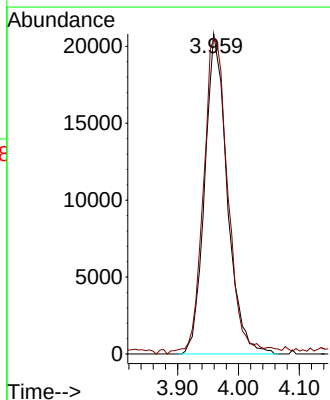
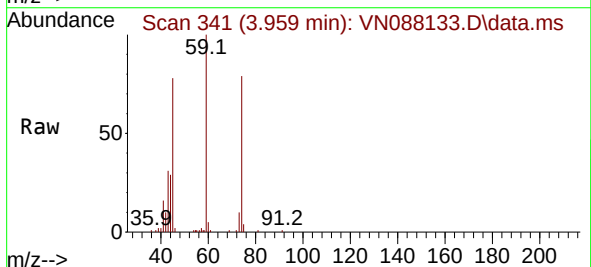
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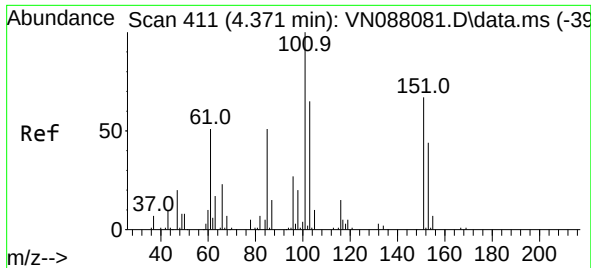
Reviewed By :John Carlone 10/29/2025
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#8
 Diethyl Ether
 Concen: 21.467 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 53670
 Ion Ratio Lower Upper
 74 100
 45 107.6 50.6 151.9





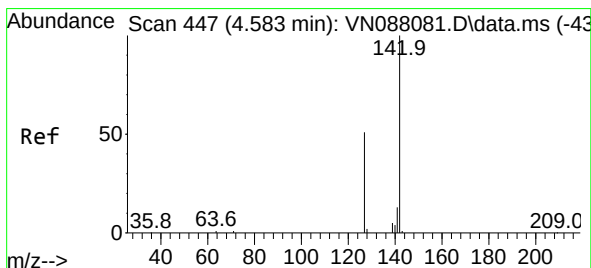
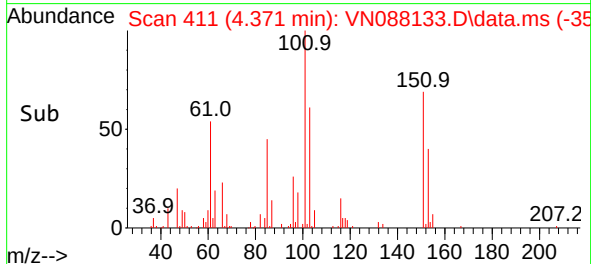
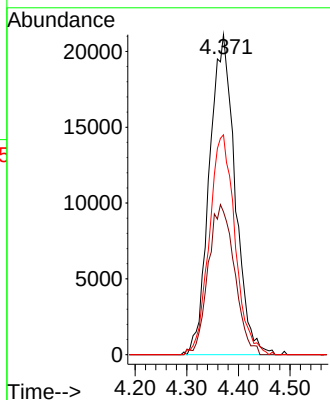
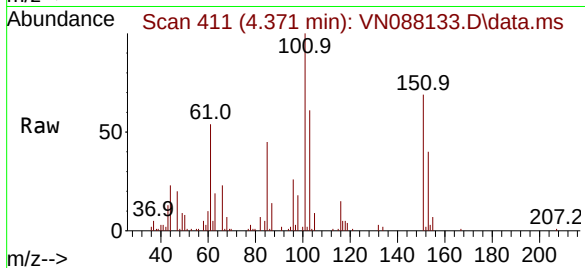
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.961 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:101 Resp: 72758
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 68.8 54.7 82.1

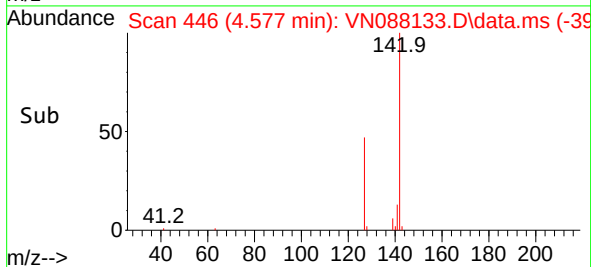
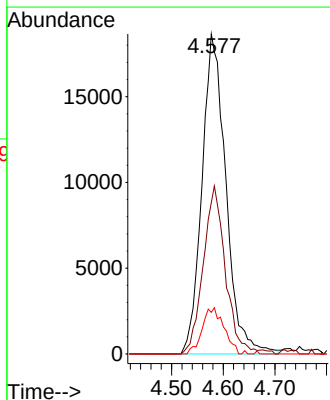
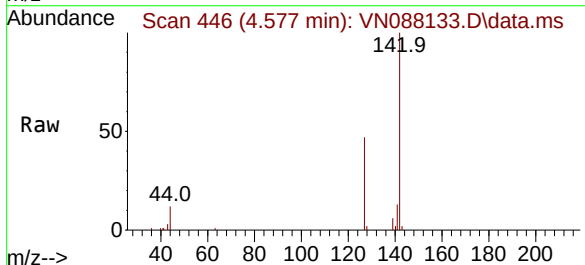
Manual Integrations
APPROVED

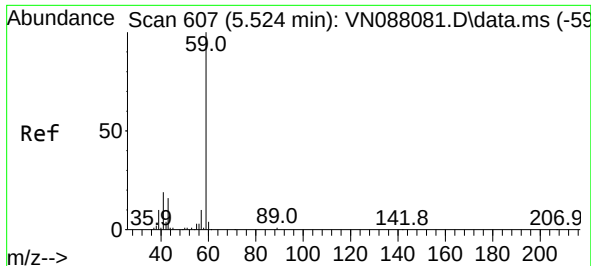
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#10
Methyl Iodide
Concen: 20.233 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

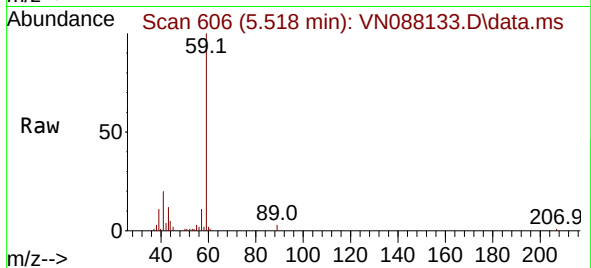
Tgt Ion:142 Resp: 59891
Ion Ratio Lower Upper
142 100
127 47.3 38.0 57.0
141 13.0 12.0 18.0





#11
Tert butyl alcohol
Concen: 127.744 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

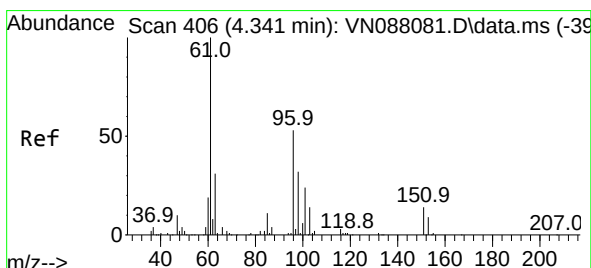
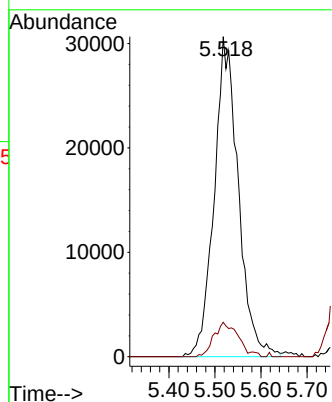
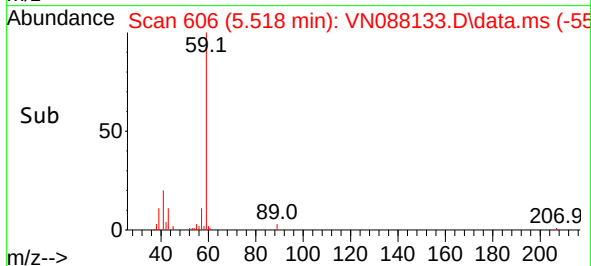
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 59 Resp: 111004
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

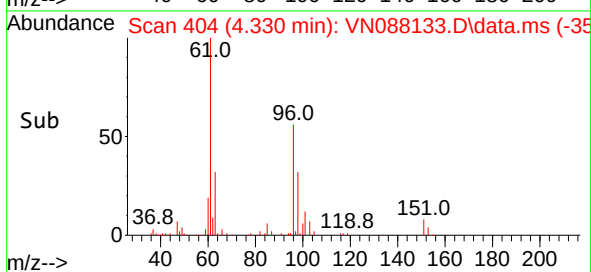
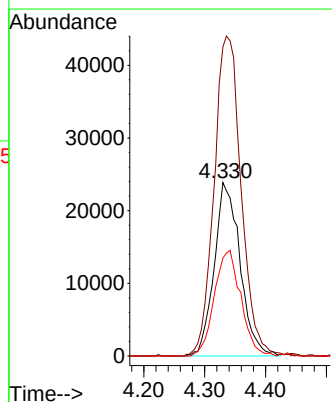
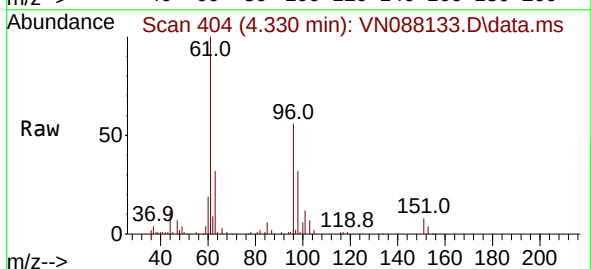
Manual Integrations
APPROVED

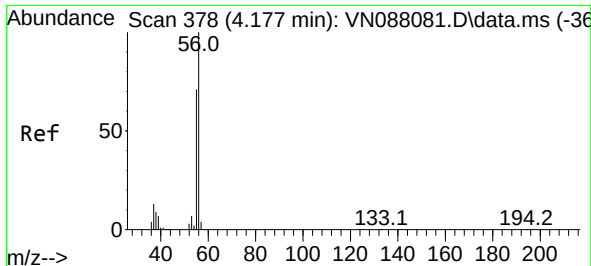
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#12
1,1-Dichloroethene
Concen: 19.166 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

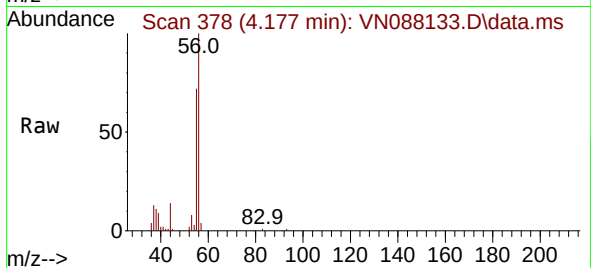
Tgt Ion: 96 Resp: 70267
Ion Ratio Lower Upper
96 100
61 178.2 143.8 215.8
98 56.5 52.1 78.1





#13
Acrolein
Concen: 116.823 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

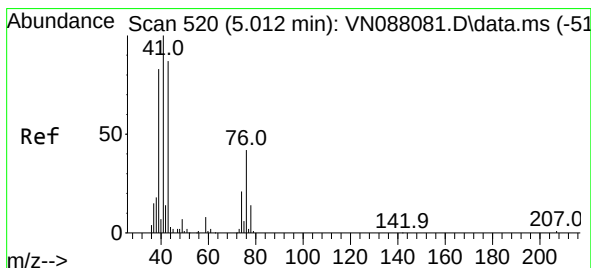
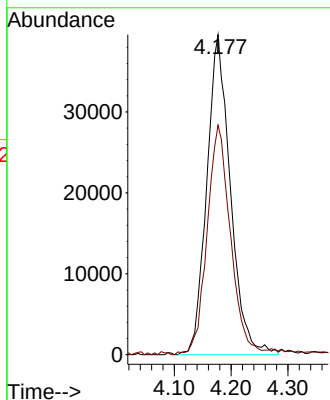
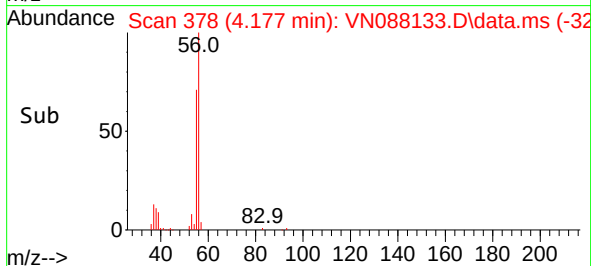
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



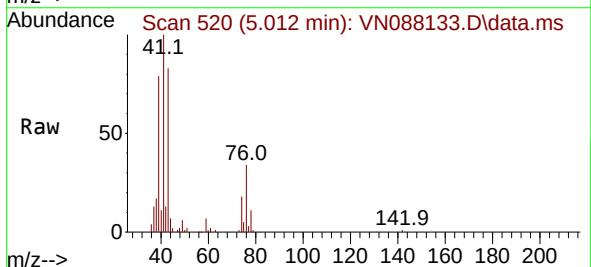
Tgt Ion: 56 Resp: 114180
Ion Ratio Lower Upper
56 100
55 71.0 57.3 85.9

Manual Integrations
APPROVED

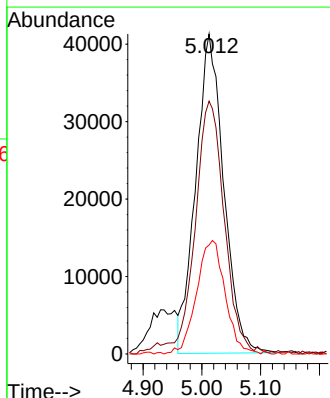
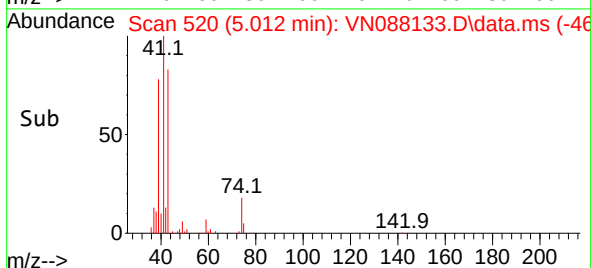
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

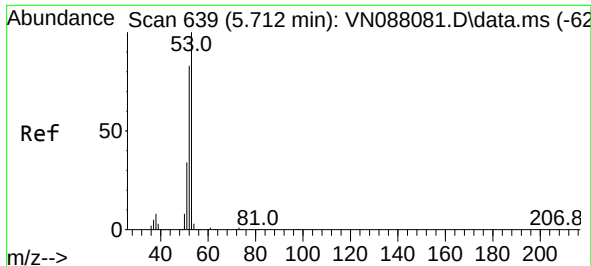


#14
Allyl chloride
Concen: 21.150 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



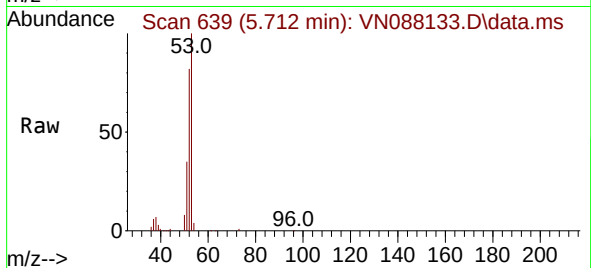
Tgt Ion: 41 Resp: 135910
Ion Ratio Lower Upper
41 100
39 79.3 63.9 95.9
76 36.3 28.1 42.1





#15
Acrylonitrile
Concen: 118.140 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

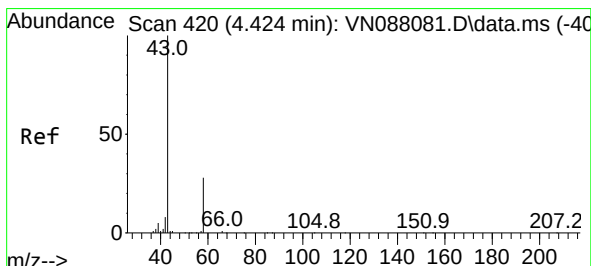
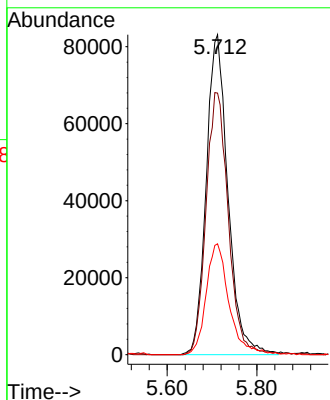
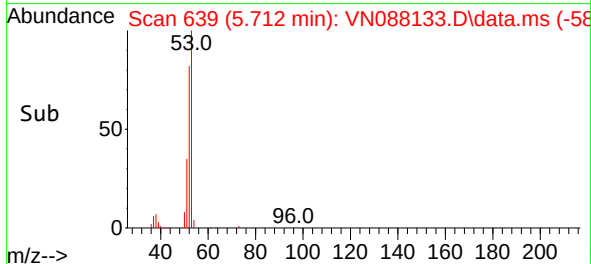
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 53 Resp: 27963
Ion Ratio Lower Upper
53 100
52 84.0 67.6 101.4
51 36.5 30.1 45.1

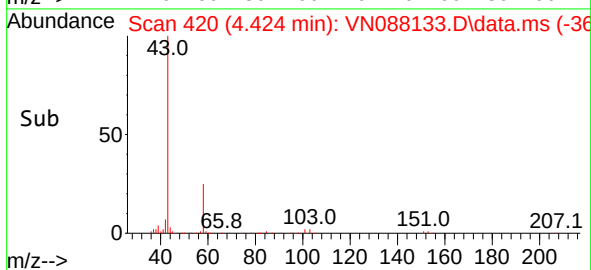
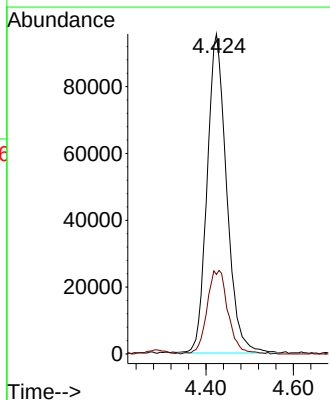
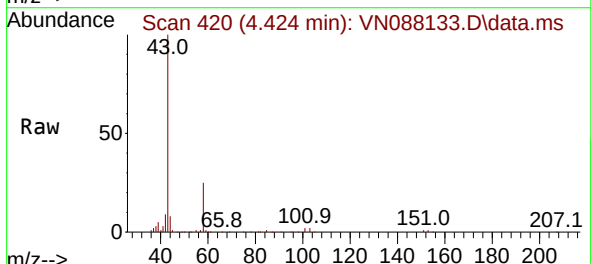
Manual Integrations
APPROVED

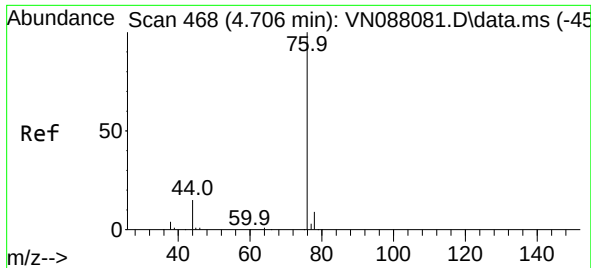
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#16
Acetone
Concen: 116.496 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

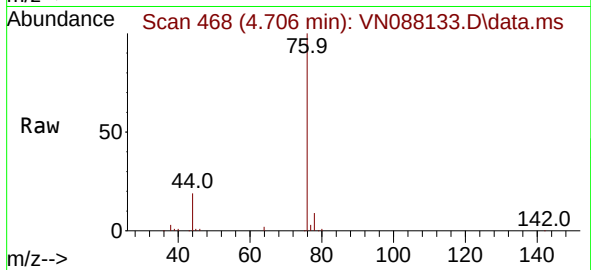
Tgt Ion: 43 Resp: 295201
Ion Ratio Lower Upper
43 100
58 24.9 22.6 33.8





#17
Carbon Disulfide
Concen: 19.500 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

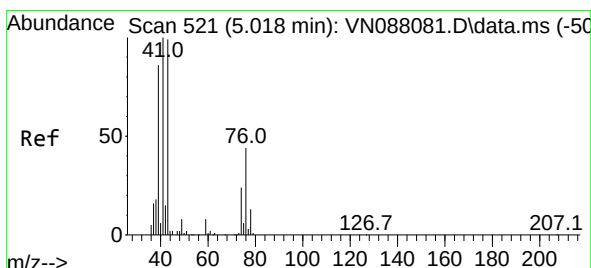
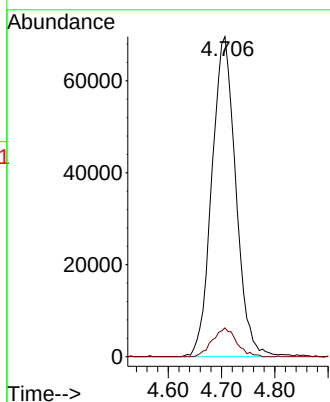
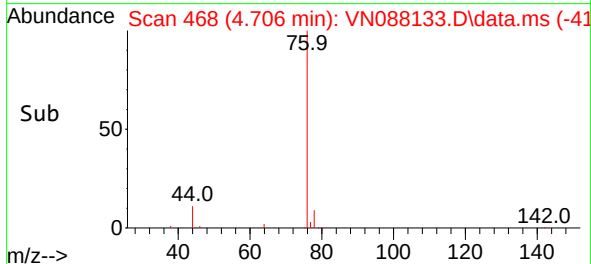
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 76 Resp: 217324
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

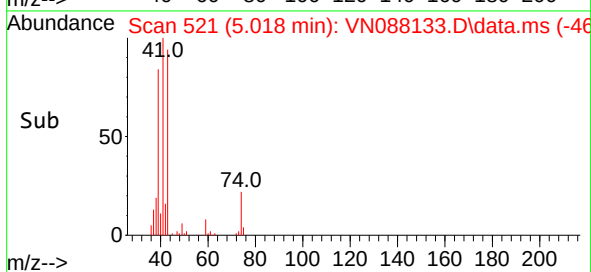
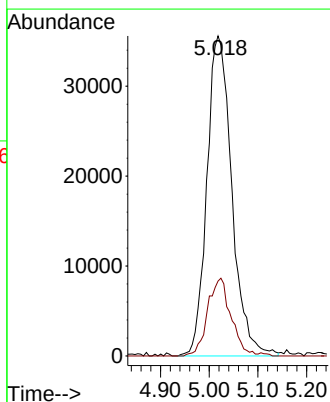
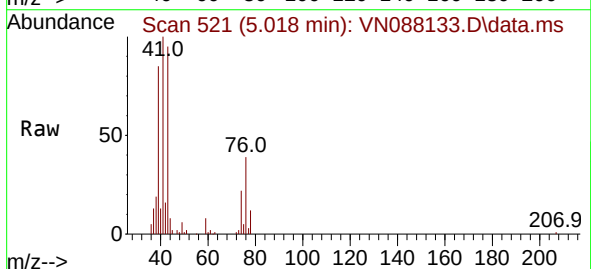
Manual Integrations
APPROVED

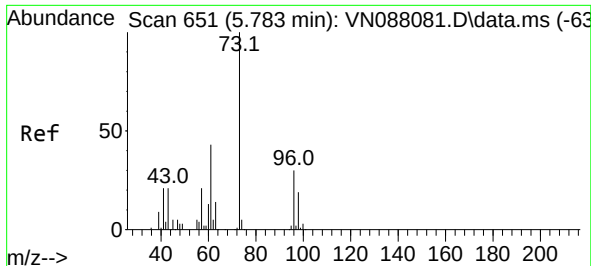
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#18
Methyl Acetate
Concen: 24.424 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion: 43 Resp: 126703
Ion Ratio Lower Upper
43 100
74 22.7 17.6 26.4





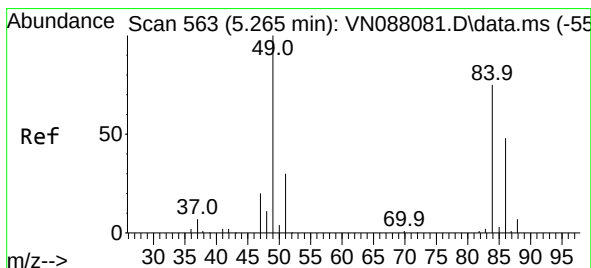
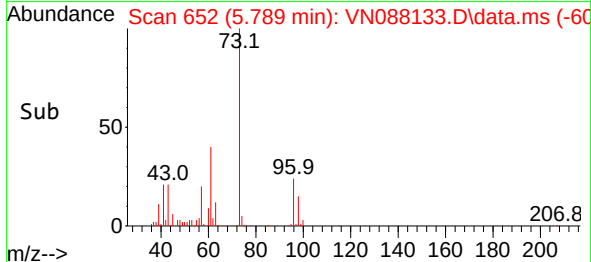
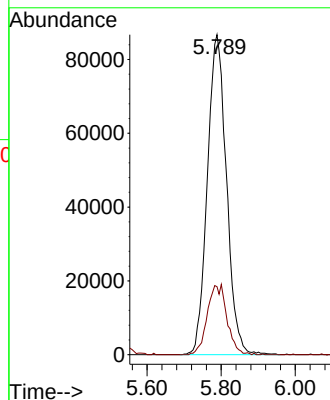
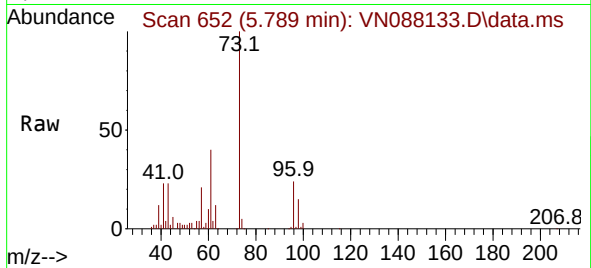
#19
Methyl tert-butyl Ether
Concen: 23.070 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 73 Resp: 310610
Ion Ratio Lower Upper
73 100
57 21.3 18.4 27.6

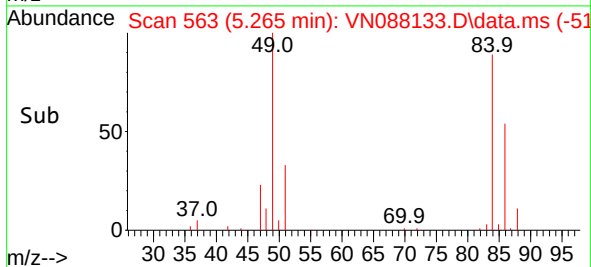
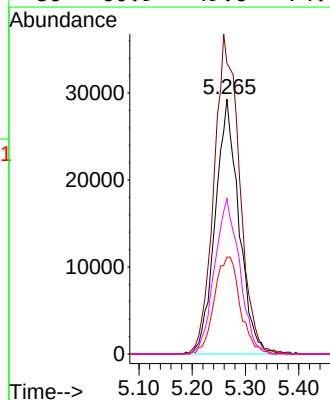
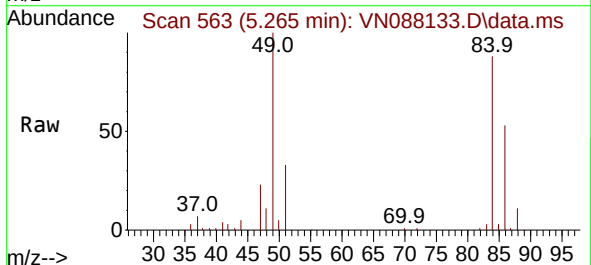
Manual Integrations
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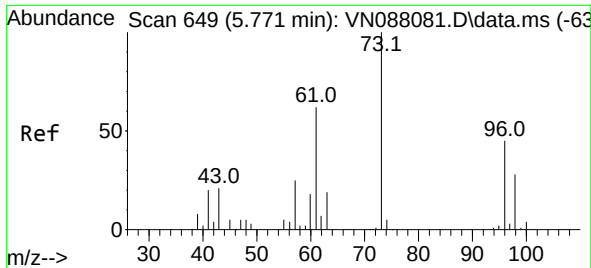
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#20
Methylene Chloride
Concen: 23.334 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion: 84 Resp: 90379
Ion Ratio Lower Upper
84 100
49 114.0 103.4 155.2
51 38.0 33.8 50.8
86 60.9 49.6 74.4





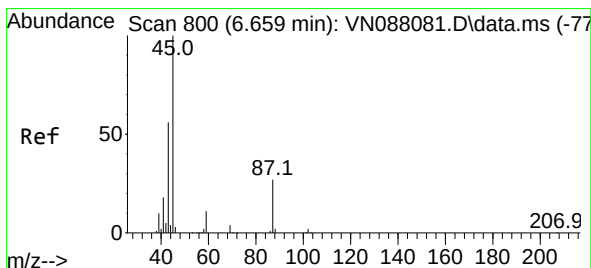
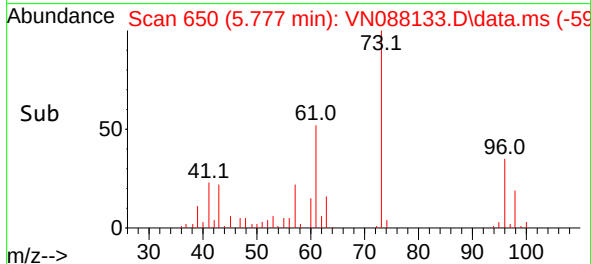
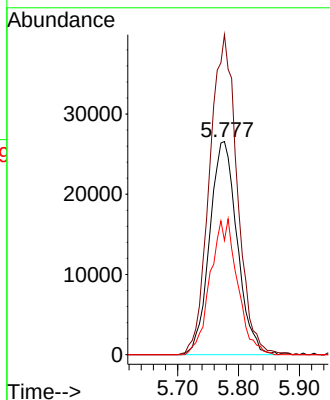
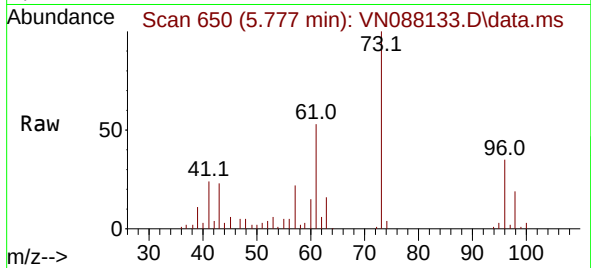
#21
trans-1,2-Dichloroethene
Concen: 20.723 ug/l
RT: 5.777 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 96 Resp: 83394
Ion Ratio Lower Upper
96 100
61 150.2 118.0 177.0
98 53.7 50.0 75.0

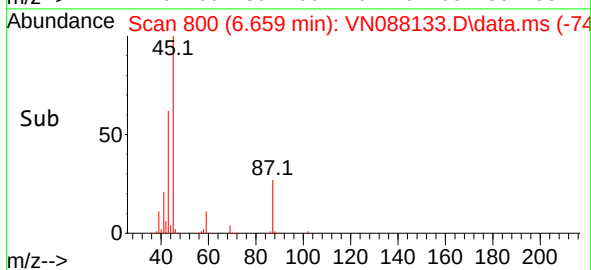
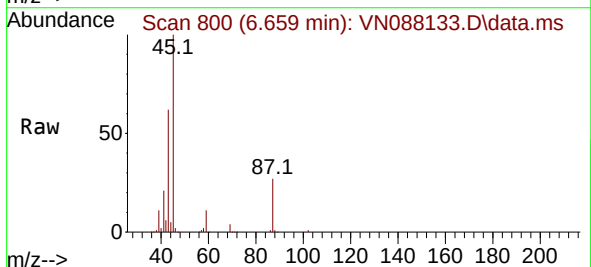
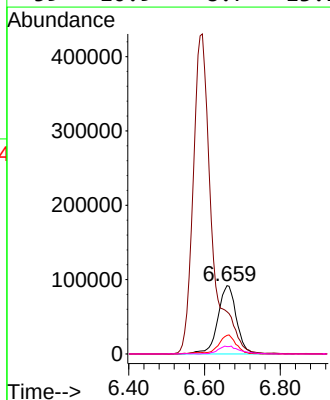
Manual Integrations
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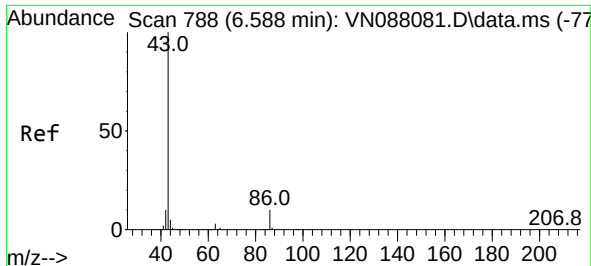
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#22
Diisopropyl ether
Concen: 23.213 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion: 45 Resp: 313704
Ion Ratio Lower Upper
45 100
43 60.7 47.7 71.5
87 27.3 21.4 32.0
59 10.9 8.7 13.1





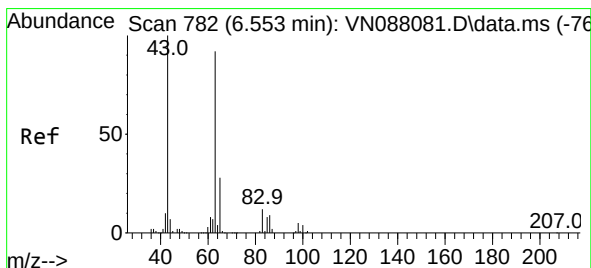
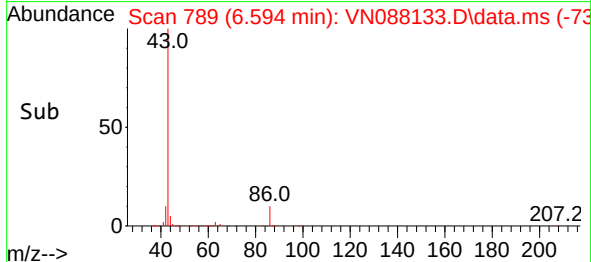
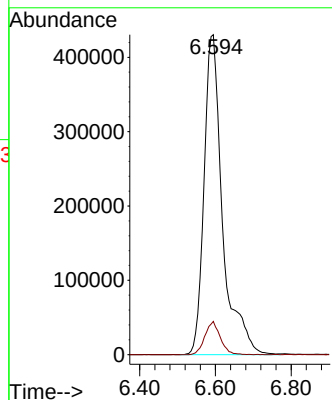
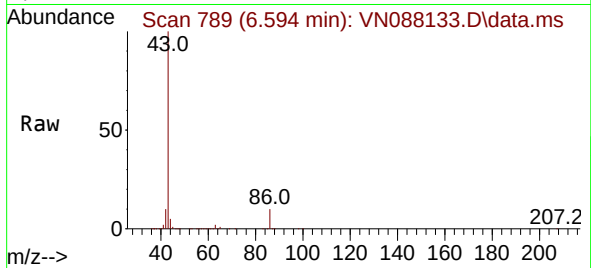
#23
 Vinyl Acetate
 Concen: 119.802 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088133.D
 Acq: 28 Oct 2025 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Tgt Ion: 43 Resp: 145839
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4

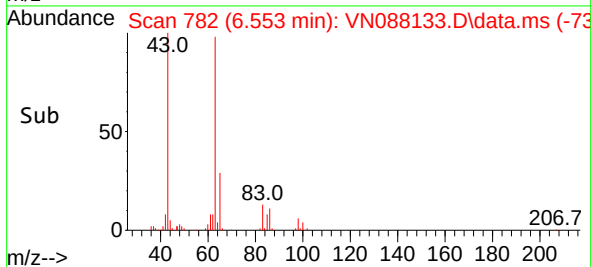
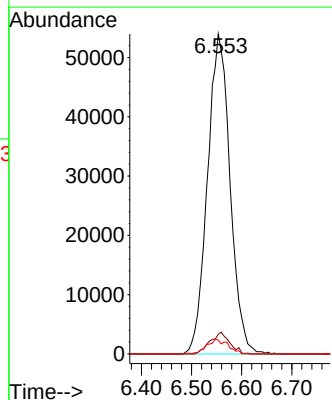
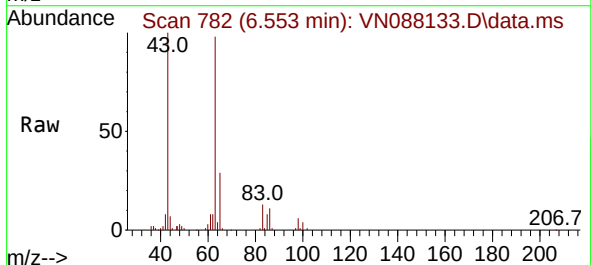
Manual Integrations
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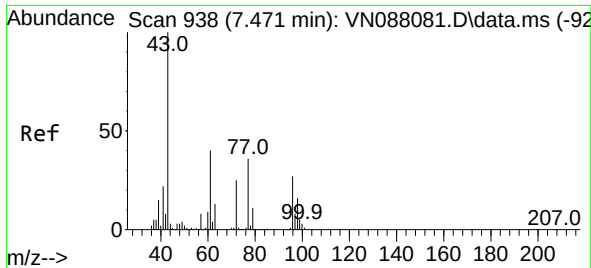
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#24
 1,1-Dichloroethane
 Concen: 22.608 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088133.D
 Acq: 28 Oct 2025 12:56

Tgt Ion: 63 Resp: 169247
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.8 11.4
 100 4.3 2.0 6.0





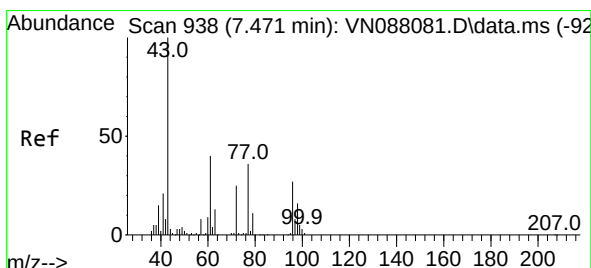
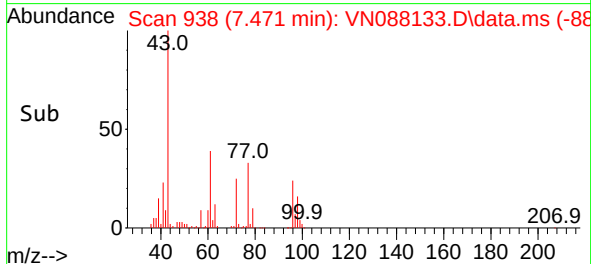
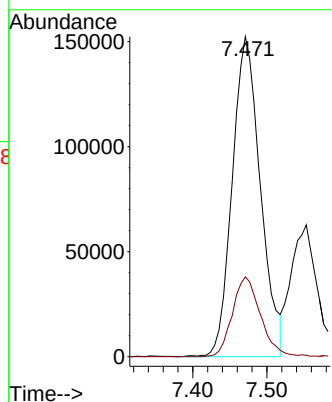
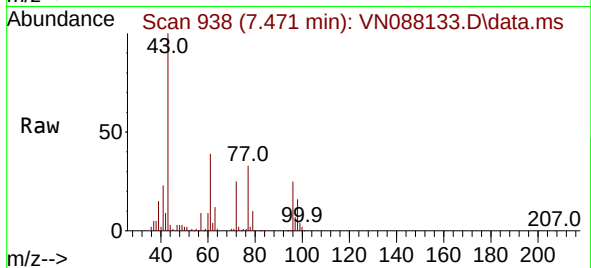
#25
2-Butanone
Concen: 120.405 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 43 Resp: 402084
Ion Ratio Lower Upper
43 100
72 24.9 19.9 29.9

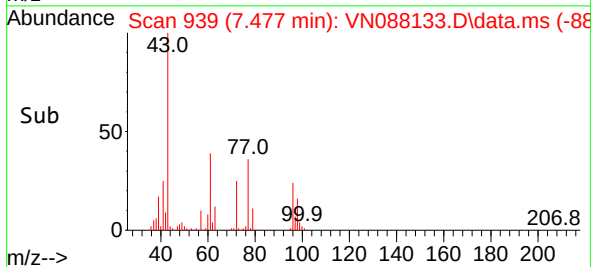
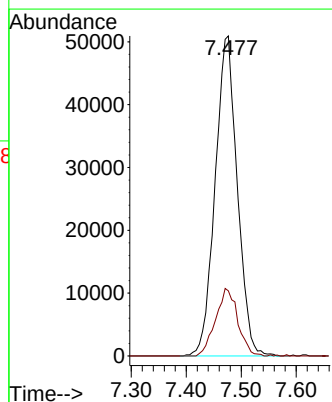
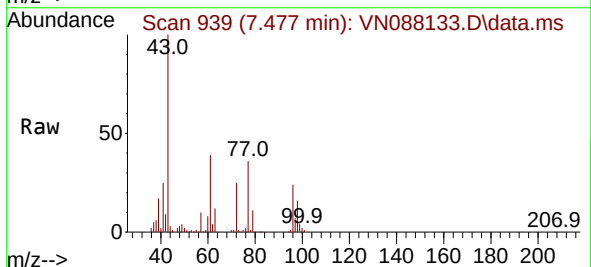
Manual Integrations
APPROVED

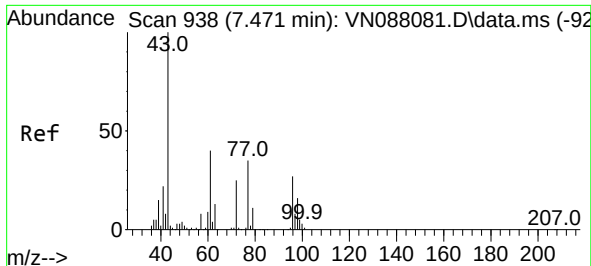
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#26
2,2-Dichloropropane
Concen: 20.947 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion: 77 Resp: 142505
Ion Ratio Lower Upper
77 100
97 21.1 10.9 32.7





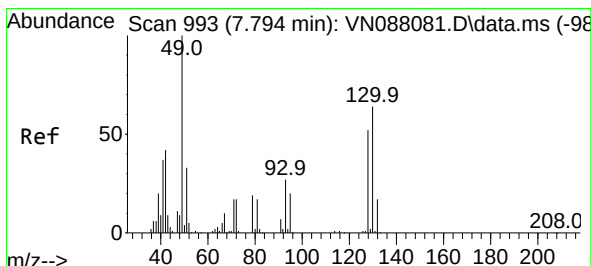
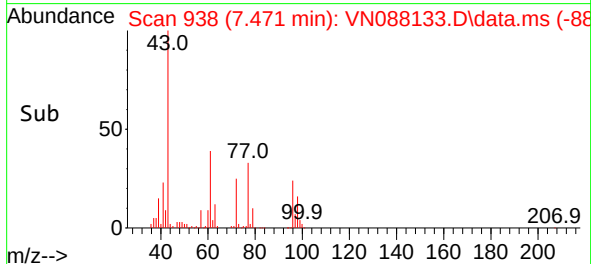
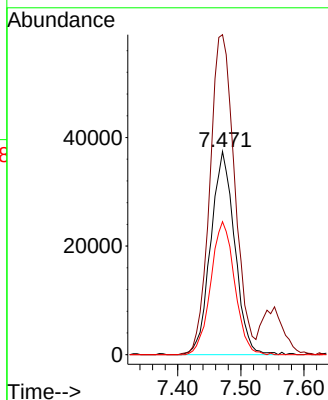
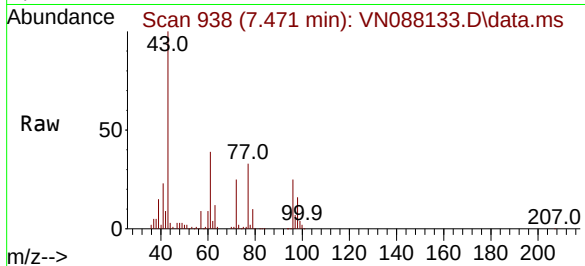
#27
 cis-1,2-Dichloroethene
 Concen: 21.278 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088133.D
 Acq: 28 Oct 2025 12:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBSD01

Tgt Ion: 96 Resp: 98578
 Ion Ratio Lower Upper
 96 100
 61 163.5 0.0 301.8
 98 65.2 0.0 126.2

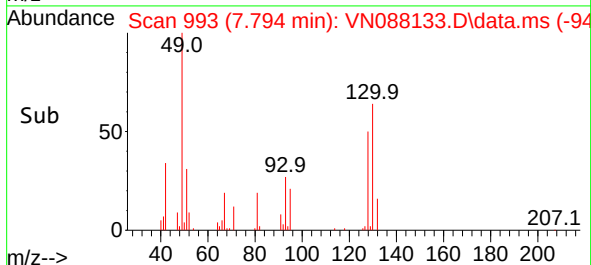
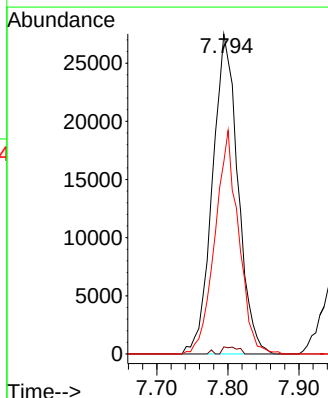
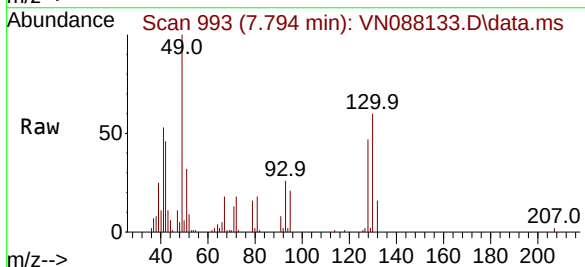
Manual Integrations
 APPROVED

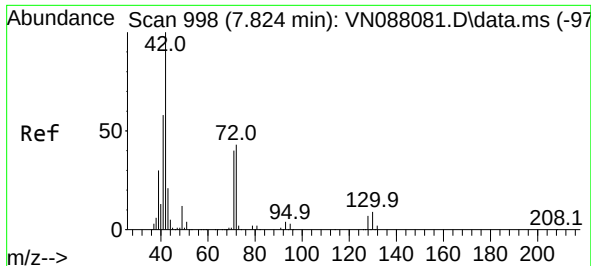
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#28
 Bromochloromethane
 Concen: 19.381 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088133.D
 Acq: 28 Oct 2025 12:56

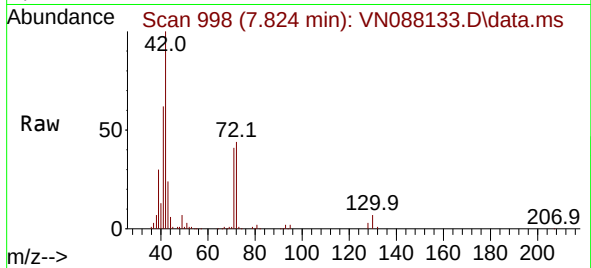
Tgt Ion: 49 Resp: 68555
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 64.9 53.1 79.7





#29
Tetrahydrofuran
Concen: 114.681 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

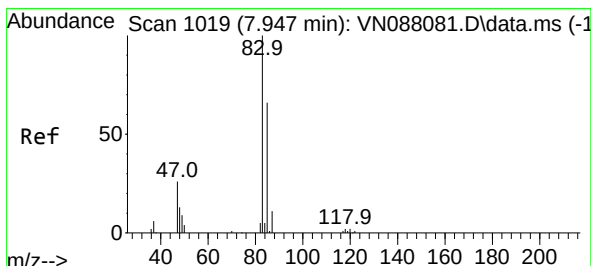
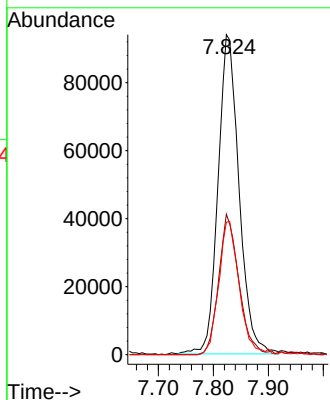
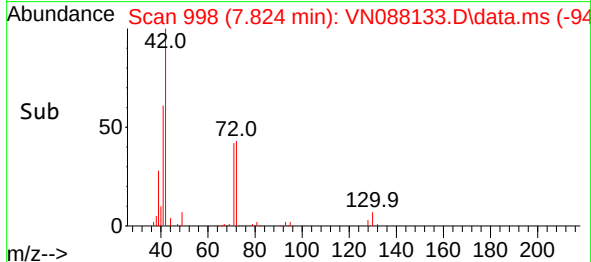
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 42 Resp: 24958
Ion Ratio Lower Upper
42 100
72 42.4 33.7 50.5
71 40.7 31.9 47.9

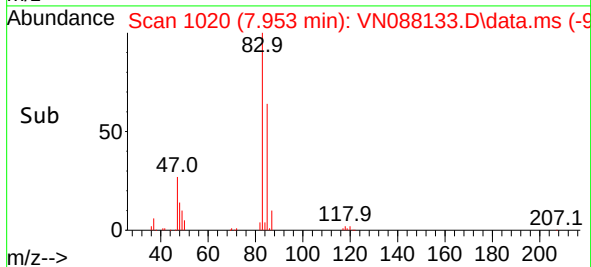
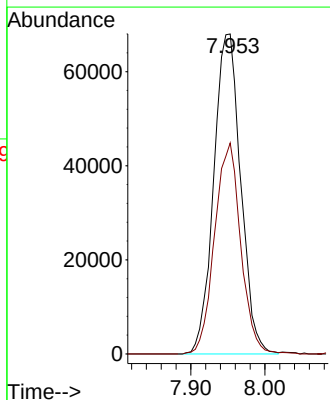
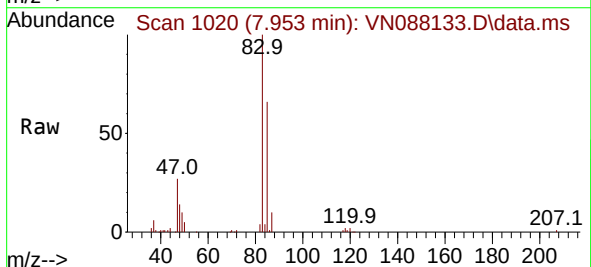
Manual Integrations
APPROVED

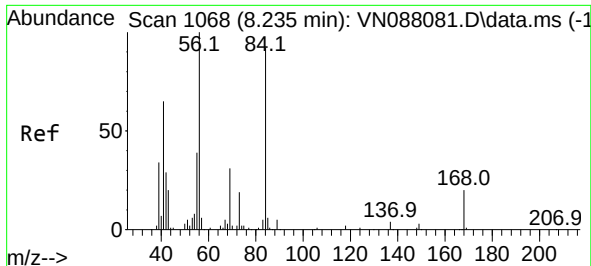
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#30
Chloroform
Concen: 22.991 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

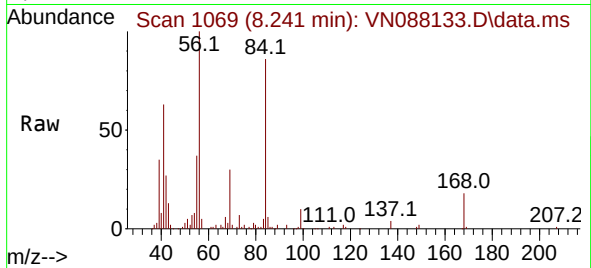
Tgt Ion: 83 Resp: 171941
Ion Ratio Lower Upper
83 100
85 66.0 50.7 76.1





#31
Cyclohexane
Concen: 21.691 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

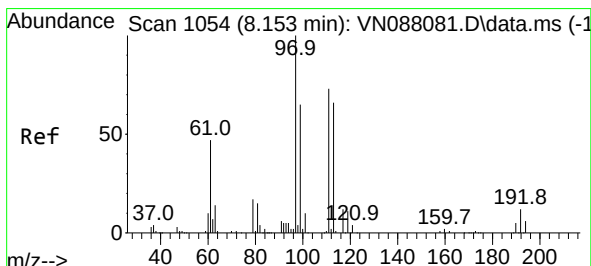
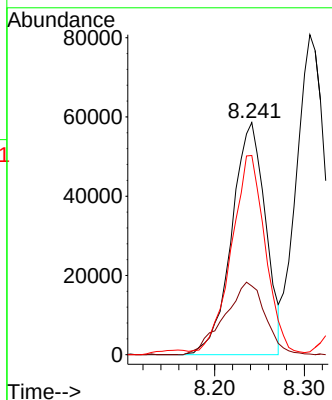
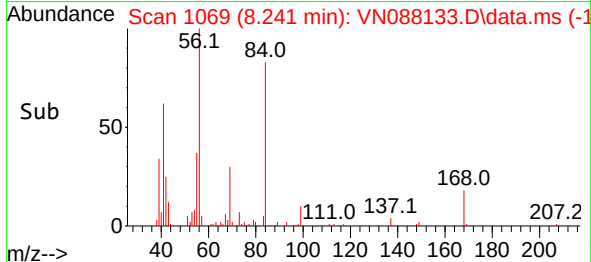
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 56 Resp: 153150
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 83.8 64.7 97.1

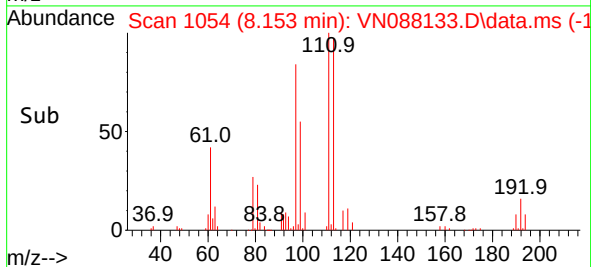
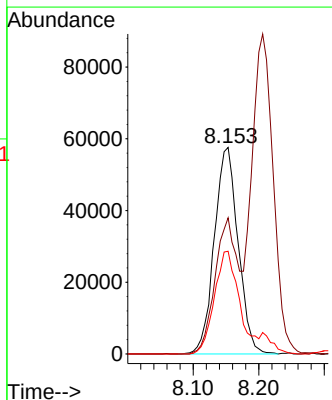
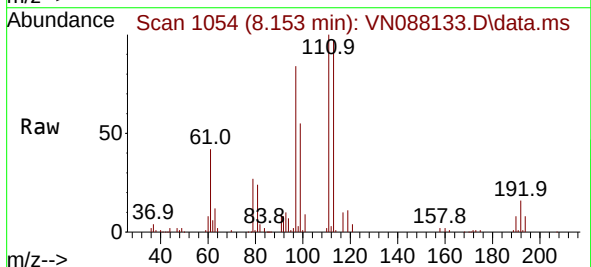
Manual Integrations
APPROVED

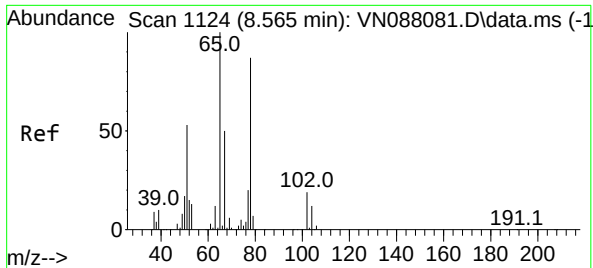
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 21.769 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion: 97 Resp: 145001
Ion Ratio Lower Upper
97 100
99 60.0 52.2 78.2
61 52.3 41.2 61.8





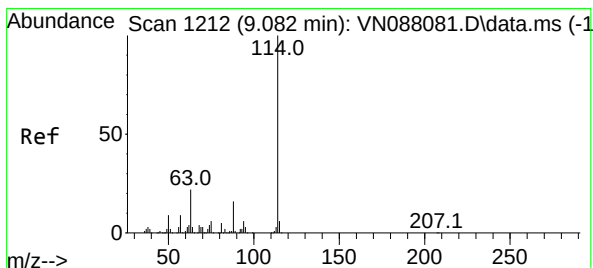
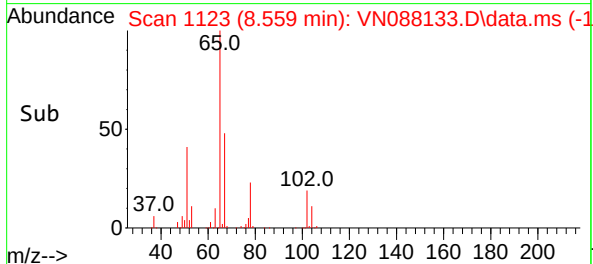
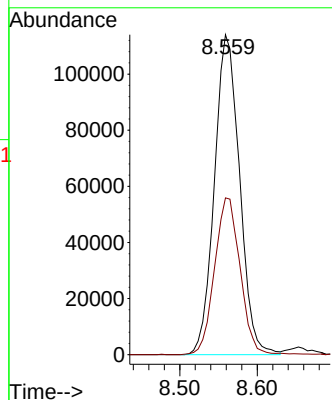
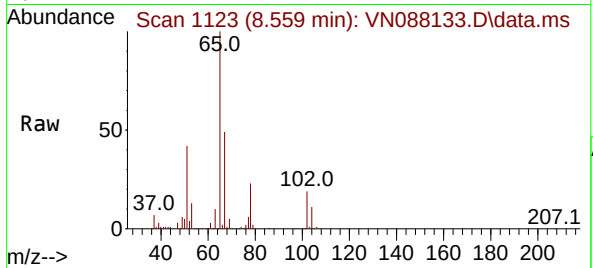
#33
1,2-Dichloroethane-d4
Concen: 51.192 ug/l
RT: 8.559 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 65 Resp: 258209
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.0

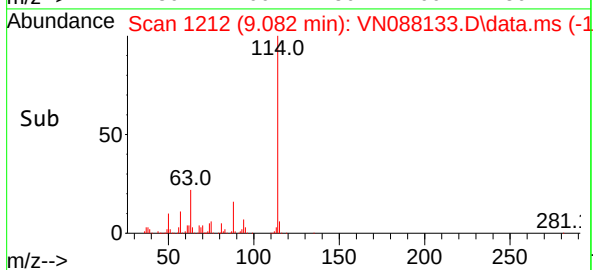
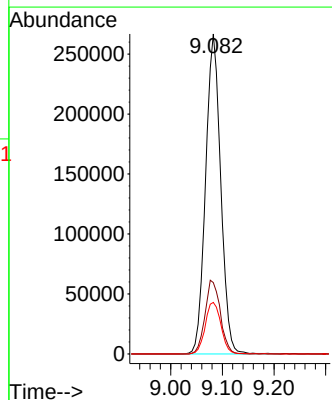
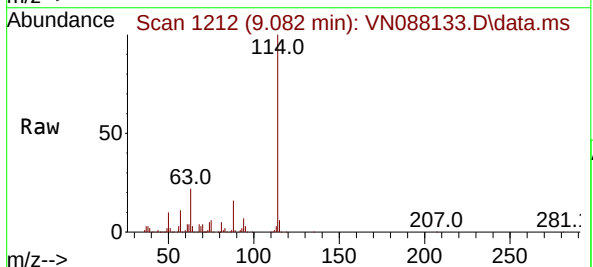
Manual Integrations
APPROVED

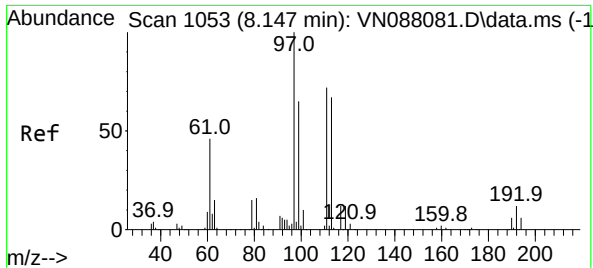
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

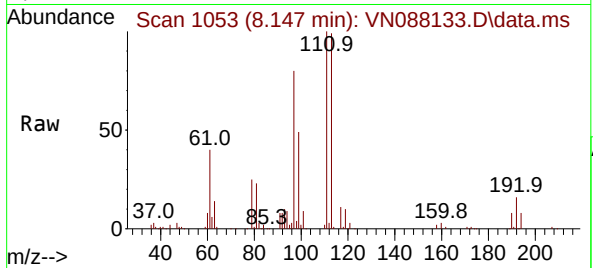
Tgt Ion:114 Resp: 541645
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.2
88 16.1 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.056 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

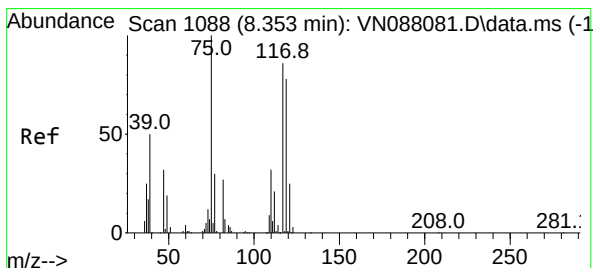
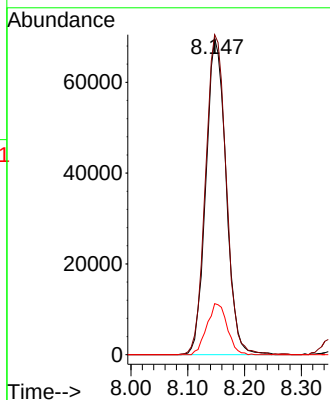
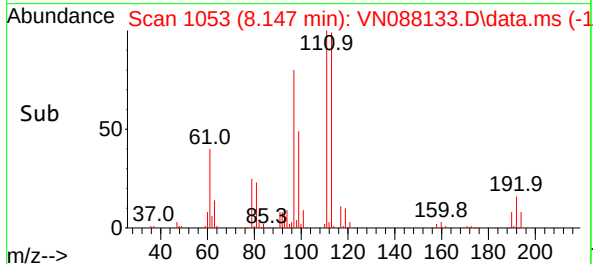
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



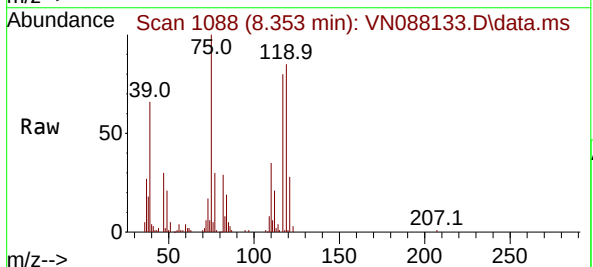
Tgt Ion: 113 Resp: 171228
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 16.3 12.8 19.2

Manual Integrations
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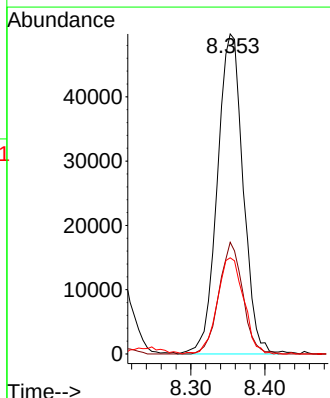
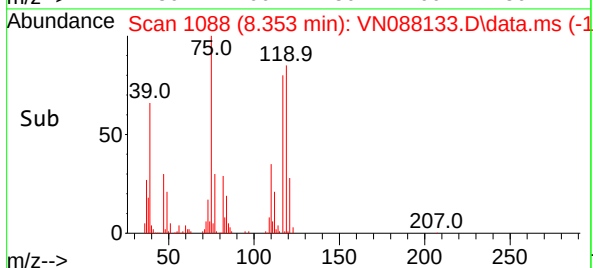
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

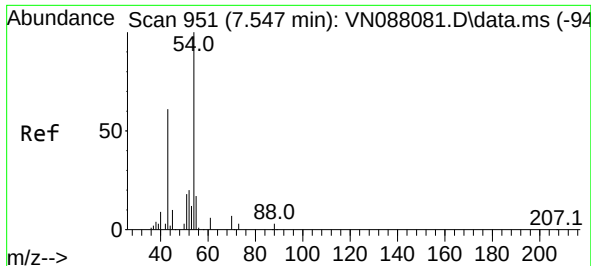


#36
1,1-Dichloropropene
Concen: 22.605 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



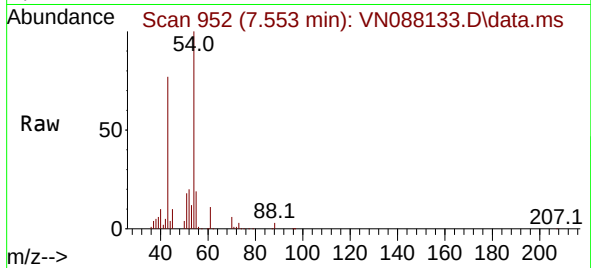
Tgt Ion: 75 Resp: 120101
Ion Ratio Lower Upper
75 100
110 32.2 15.9 47.6
77 30.9 24.4 36.6





#37
Ethyl Acetate
Concen: 23.417 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

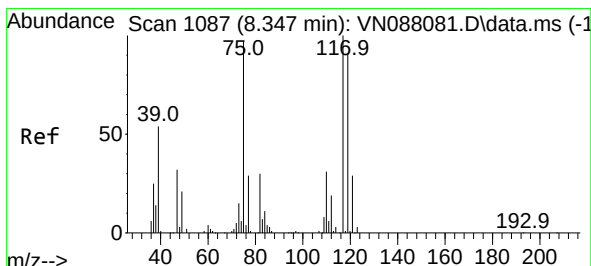
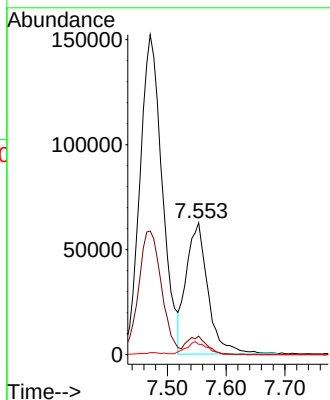
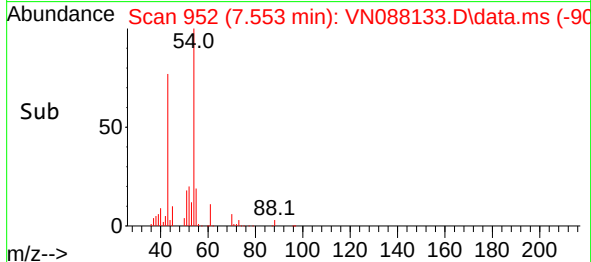
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 43 Resp: 160558
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 9.7 7.0 10.6

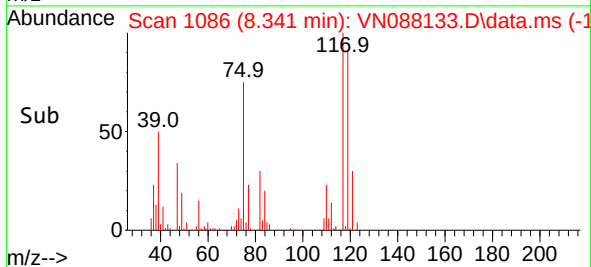
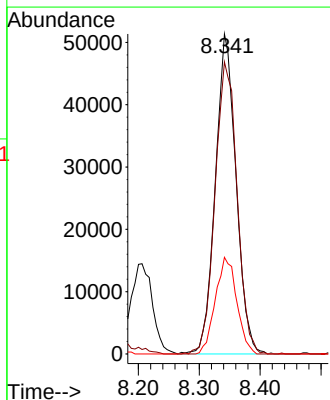
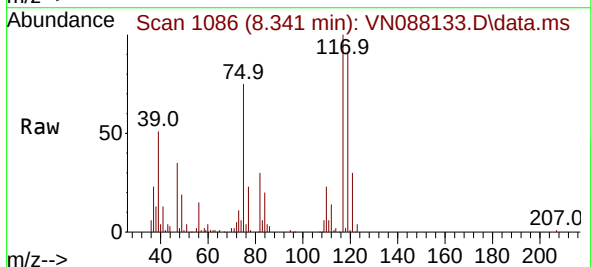
Manual Integrations
APPROVED

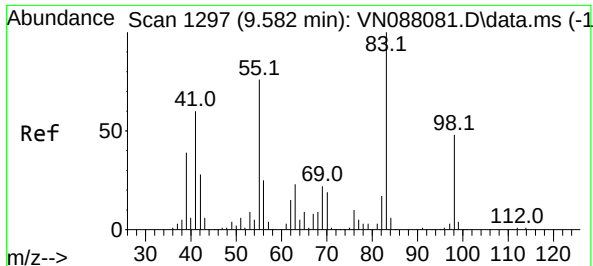
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#38
Carbon Tetrachloride
Concen: 22.160 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion:117 Resp: 121603
Ion Ratio Lower Upper
117 100
119 91.2 79.0 118.6
121 30.2 25.0 37.6





#39

Methylcyclohexane

Concen: 21.532 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN088133.D

Acq: 28 Oct 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion: 83 Resp: 147040

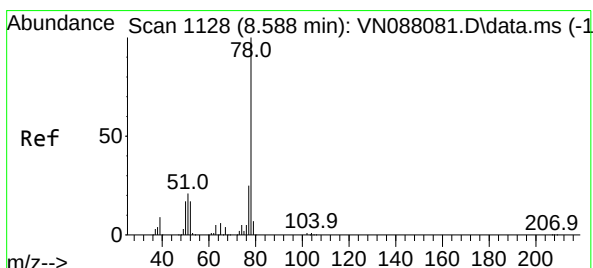
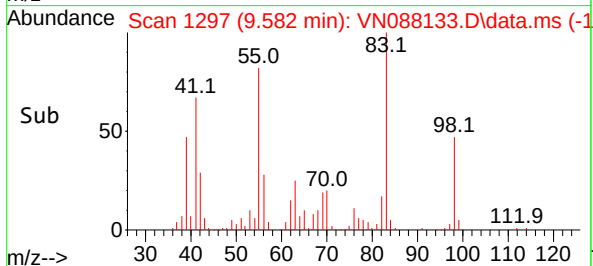
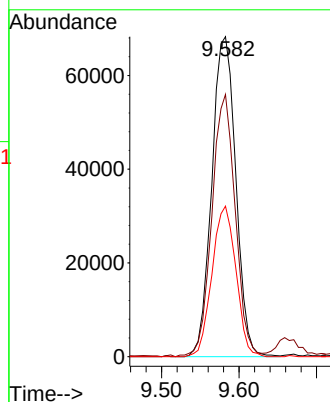
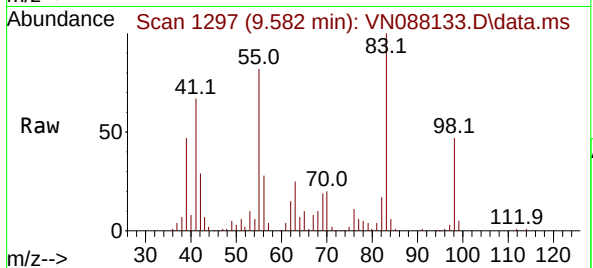
Ion	Ratio	Lower	Upper
83	100		
55	81.4	64.6	96.8
98	47.0	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#40

Benzene

Concen: 22.069 ug/l

RT: 8.588 min Scan# 1128

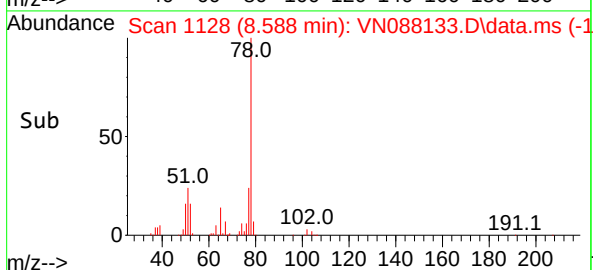
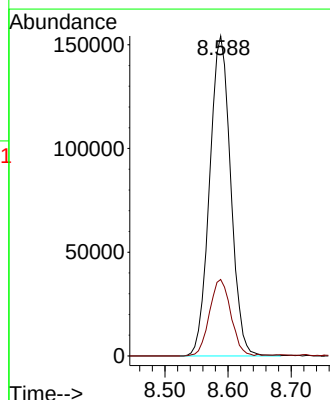
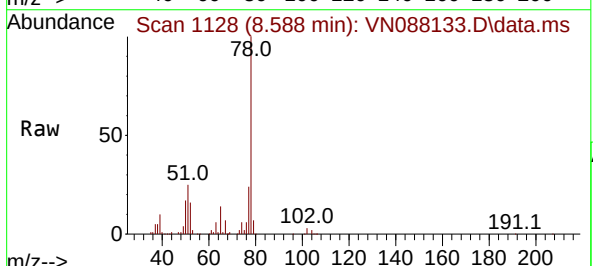
Delta R.T. -0.000 min

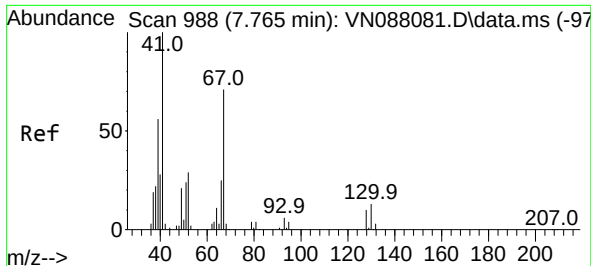
Lab File: VN088133.D

Acq: 28 Oct 2025 12:56

Tgt Ion: 78 Resp: 357097

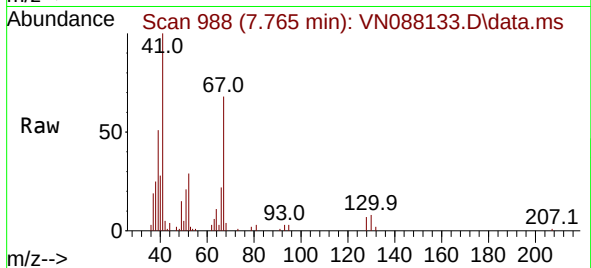
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.7	29.5





#41
Methacrylonitrile
Concen: 22.779 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

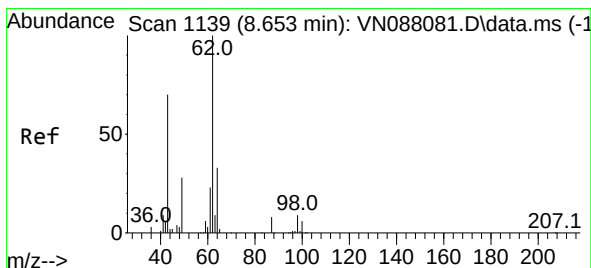
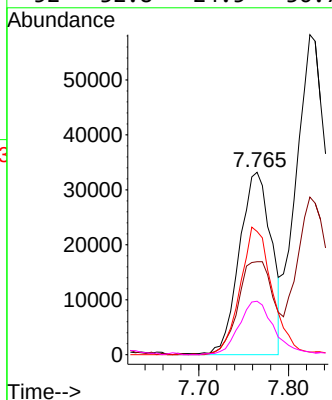
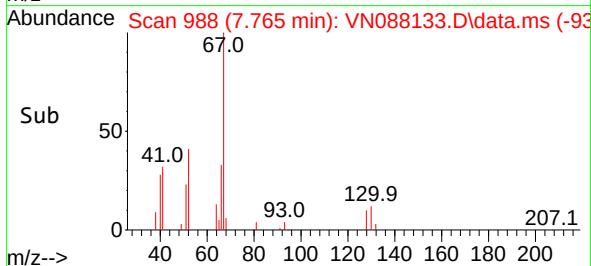
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 41 Resp: 8220
Ion Ratio Lower Upper
41 100
39 57.8 45.4 68.0
67 70.4 55.3 82.9
52 32.8 24.5 36.7

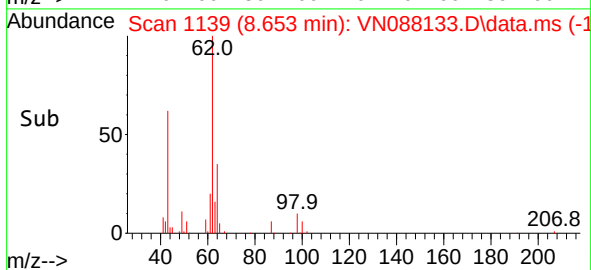
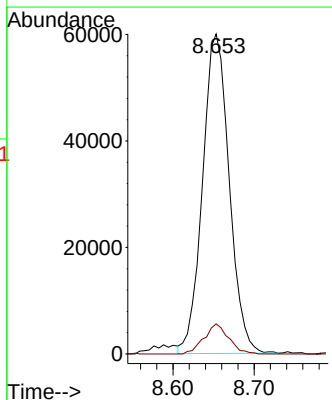
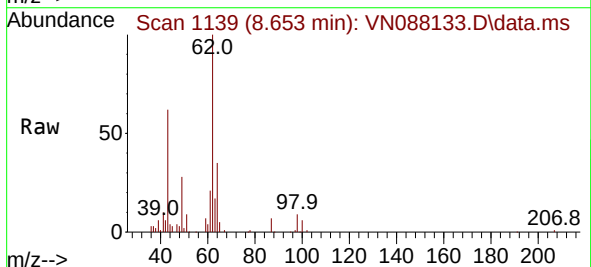
Manual Integrations
APPROVED

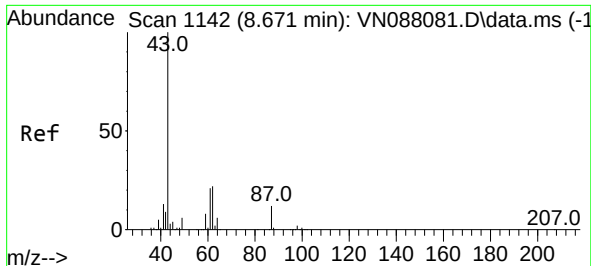
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#42
1,2-Dichloroethane
Concen: 23.804 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

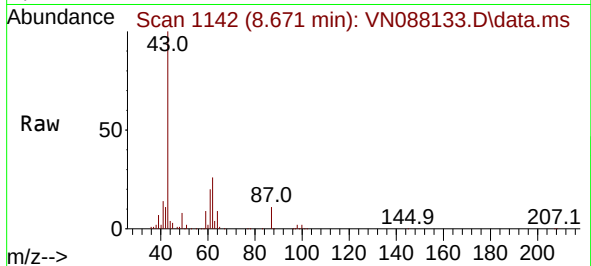
Tgt Ion: 62 Resp: 136857
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.4





#43
Isopropyl Acetate
Concen: 23.810 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

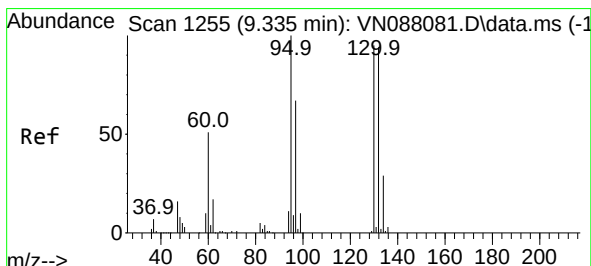
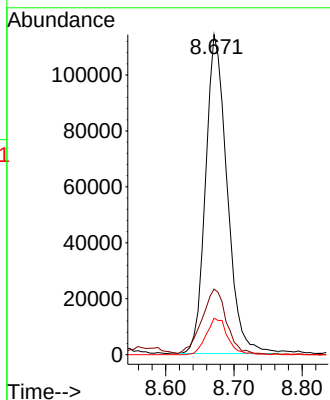
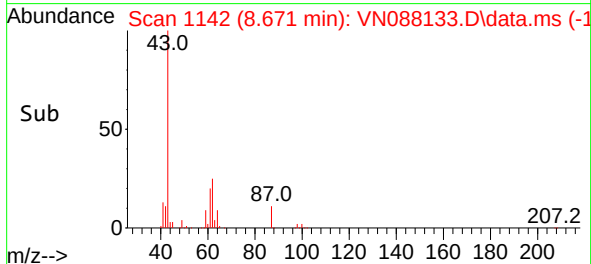
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 43 Resp: 250850
Ion Ratio Lower Upper
43 100
61 23.3 18.8 28.2
87 11.4 9.6 14.4

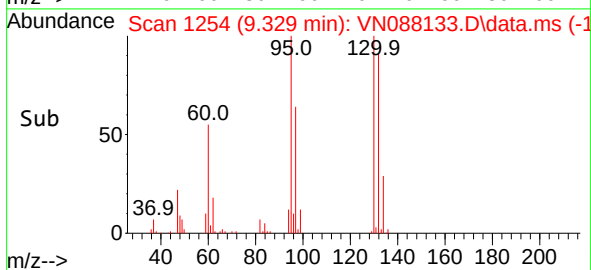
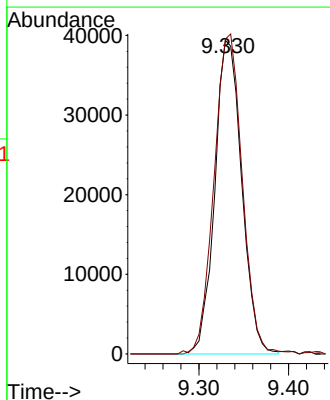
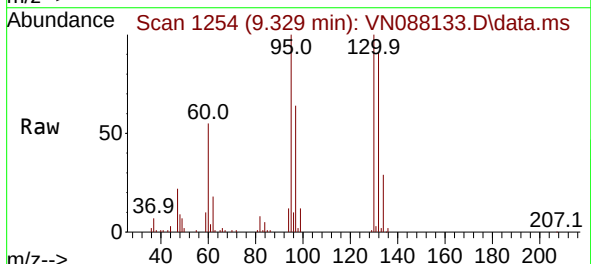
Manual Integrations
APPROVED

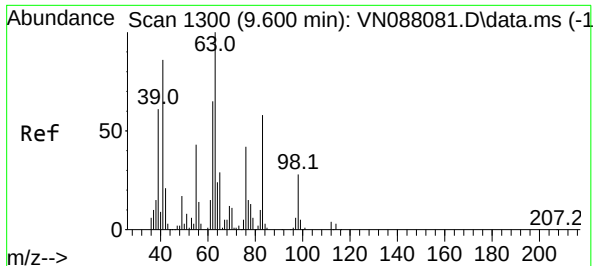
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#44
Trichloroethene
Concen: 21.736 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion:130 Resp: 82208
Ion Ratio Lower Upper
130 100
95 100.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 23.031 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN088133.D

Acq: 28 Oct 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion: 63 Resp: 94080

Ion Ratio Lower Upper

63 100

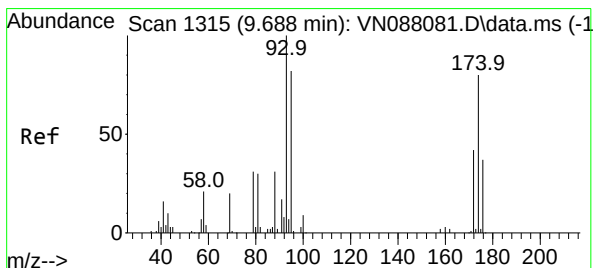
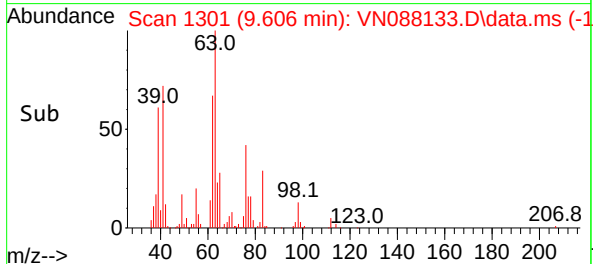
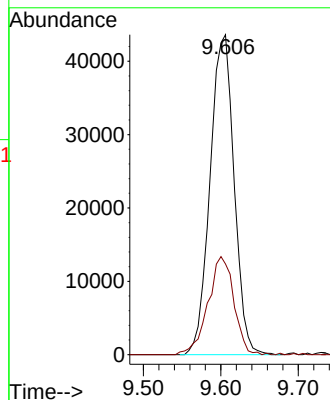
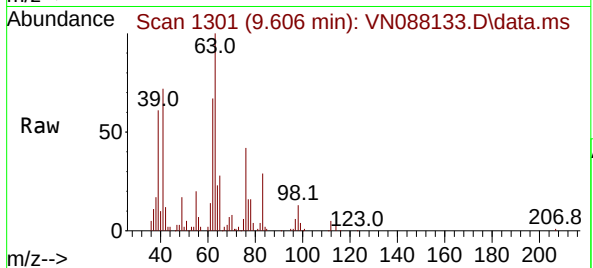
65 27.9 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#46

Dibromomethane

Concen: 23.330 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088133.D

Acq: 28 Oct 2025 12:56

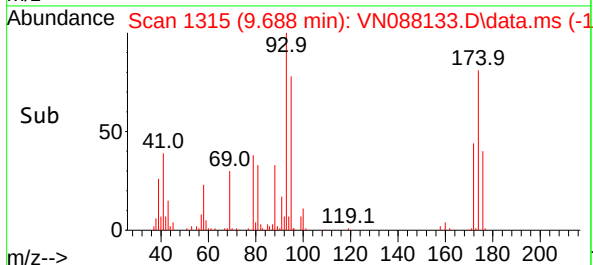
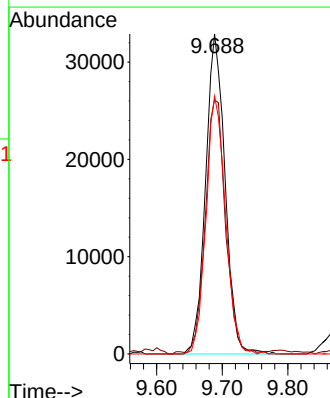
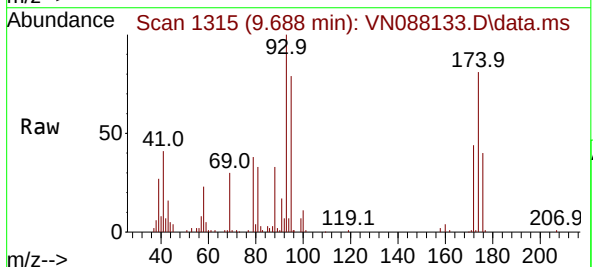
Tgt Ion: 93 Resp: 67971

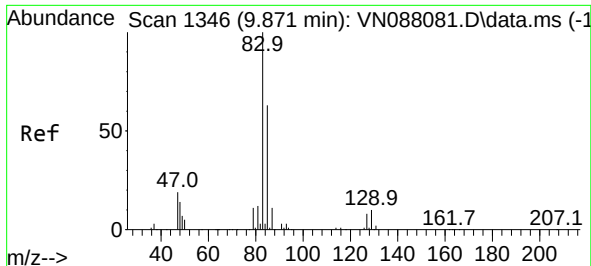
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

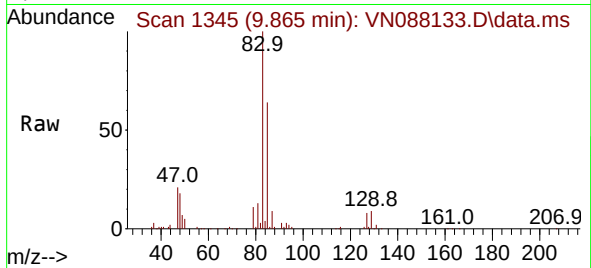
174 80.5 63.4 95.2





#47
Bromodichloromethane
Concen: 23.251 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

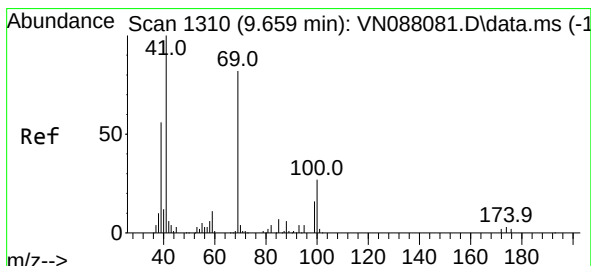
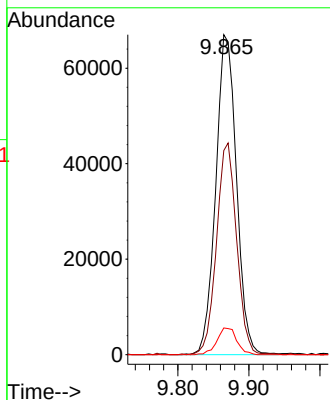
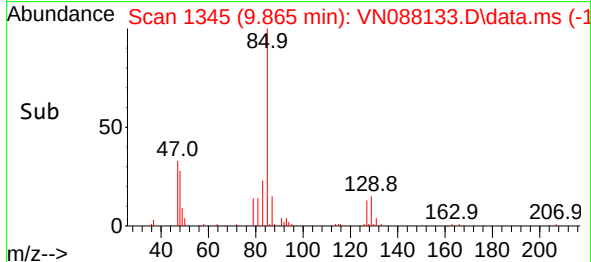
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 83 Resp: 135629
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7
127 8.3 5.8 8.6

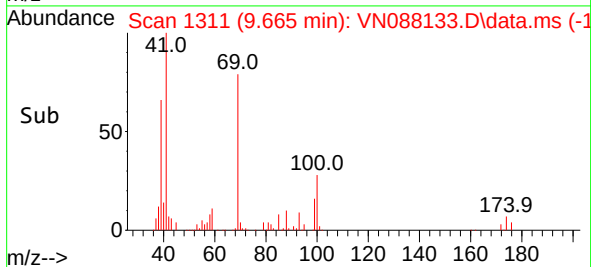
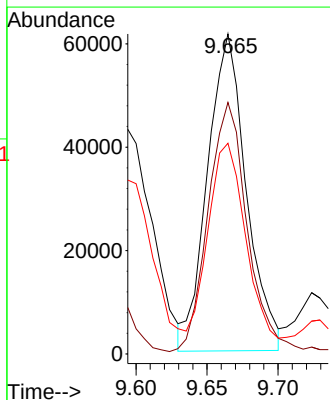
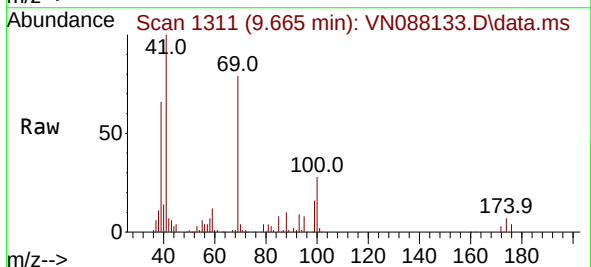
Manual Integrations
APPROVED

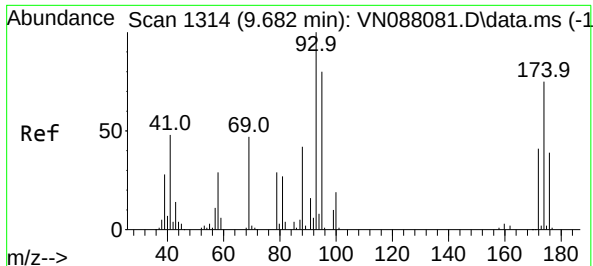
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#48
Methyl methacrylate
Concen: 23.944 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion: 41 Resp: 116465
Ion Ratio Lower Upper
41 100
69 80.4 62.7 94.1
39 67.4 52.9 79.3





#49

1,4-Dioxane

Concen: 507.974 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088133.D

Acq: 28 Oct 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion: 88 Resp: 3073

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

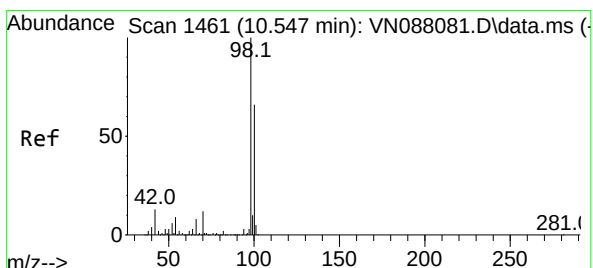
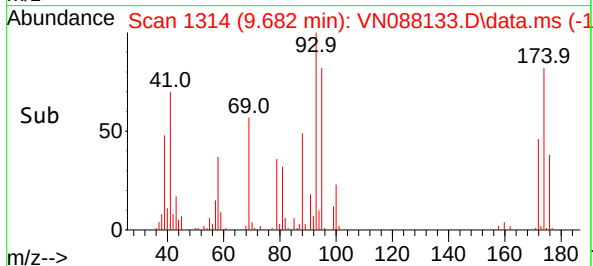
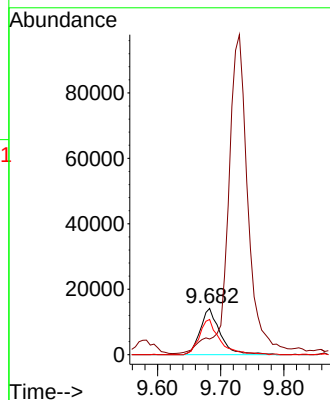
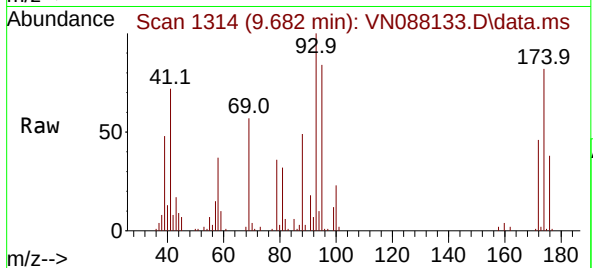
58 78.3 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#50

Toluene-d8

Concen: 45.381 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088133.D

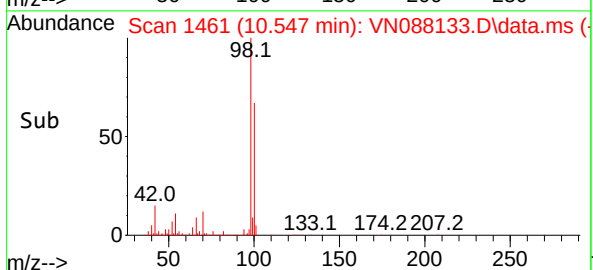
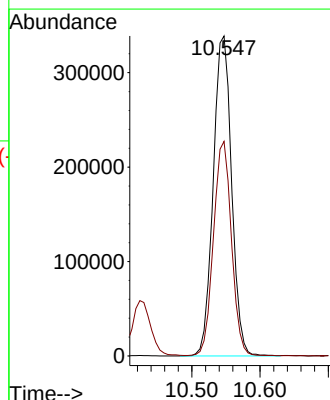
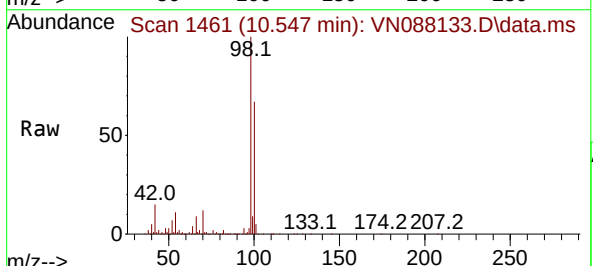
Acq: 28 Oct 2025 12:56

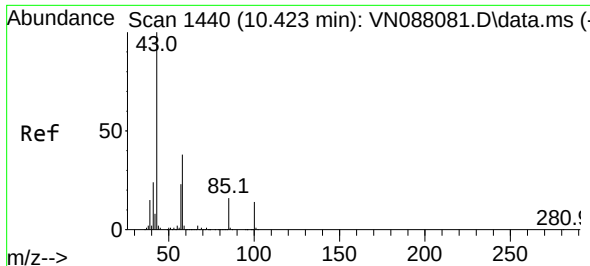
Tgt Ion: 98 Resp: 636283

Ion Ratio Lower Upper

98 100

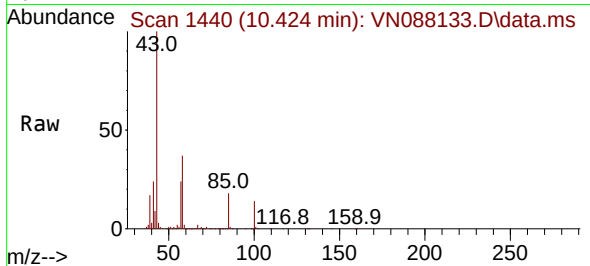
100 65.5 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 124.179 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

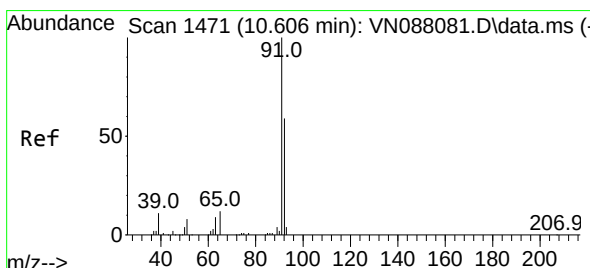
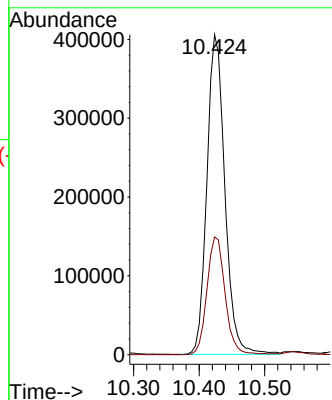
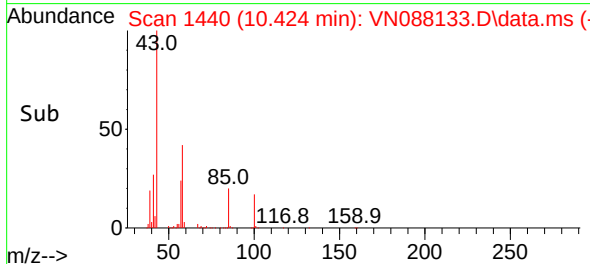
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



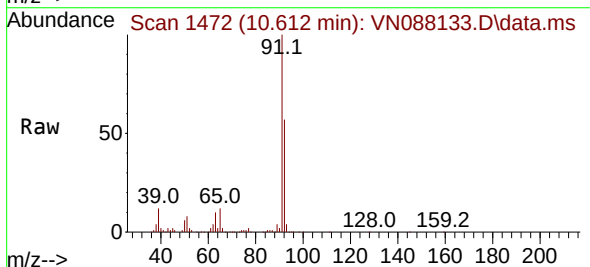
Tgt Ion: 43 Resp: 77397
Ion Ratio Lower Upper
43 100
58 37.1 29.6 44.4

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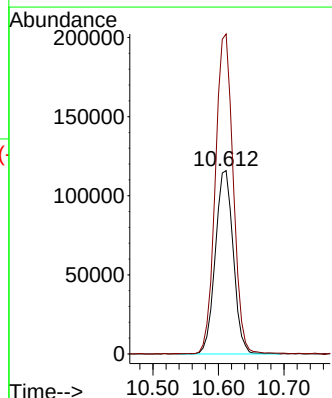
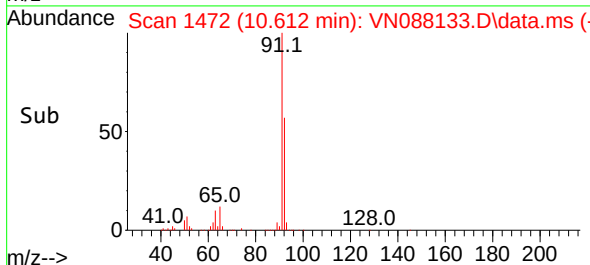
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

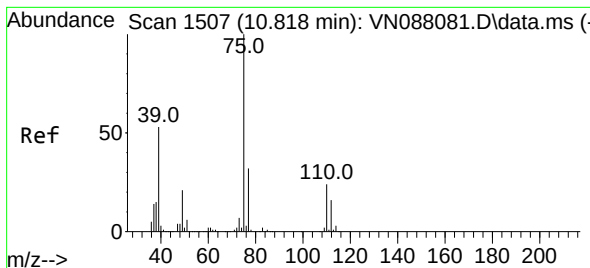


#52
Toluene
Concen: 22.017 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



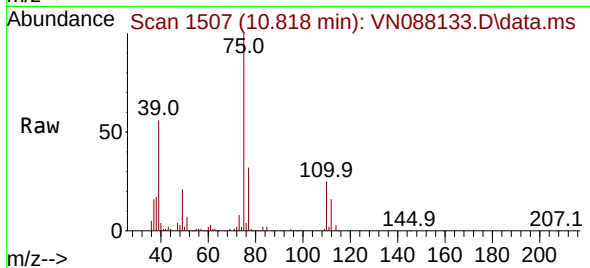
Tgt Ion: 92 Resp: 219648
Ion Ratio Lower Upper
92 100
91 173.4 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 22.705 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

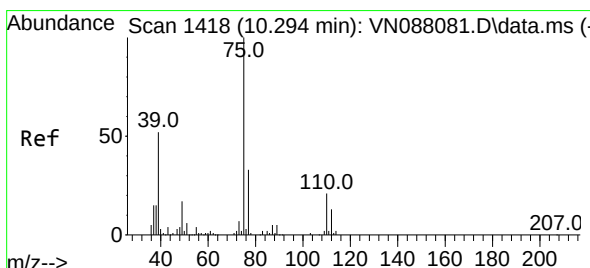
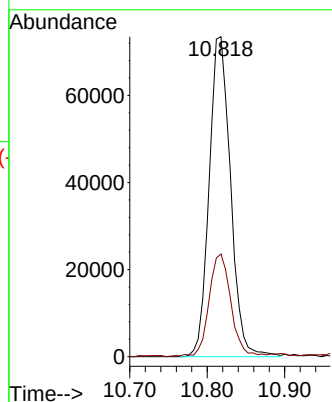
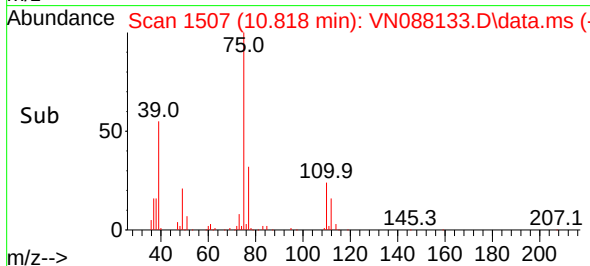
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 75 Resp: 140958
Ion Ratio Lower Upper
75 100
77 31.8 25.2 37.8

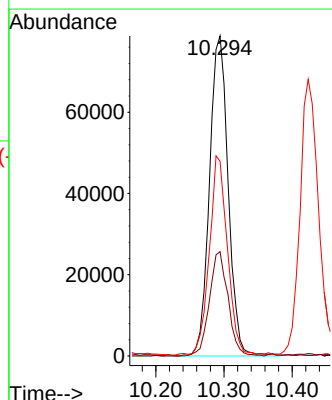
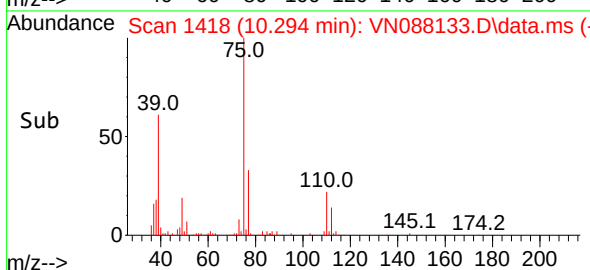
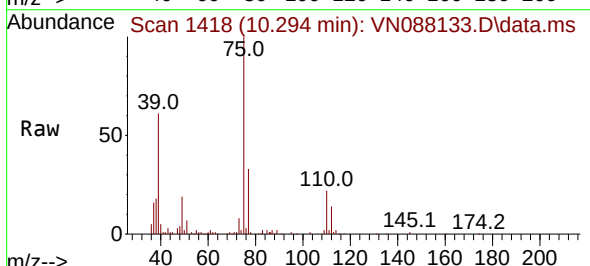
Manual Integrations
APPROVED

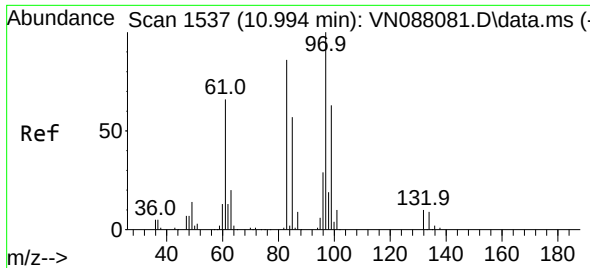
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#54
cis-1,3-Dichloropropene
Concen: 22.801 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

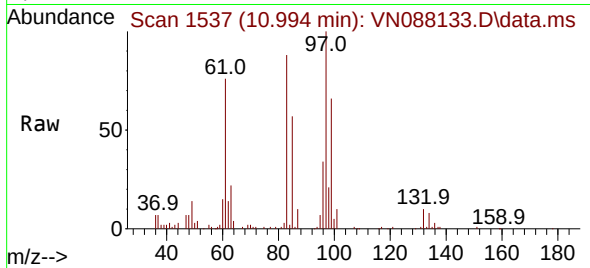
Tgt Ion: 75 Resp: 150207
Ion Ratio Lower Upper
75 100
77 32.6 24.6 37.0
39 60.3 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 22.442 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

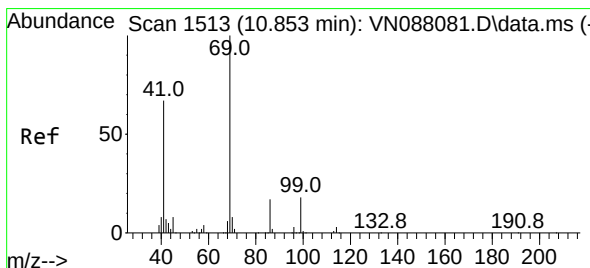
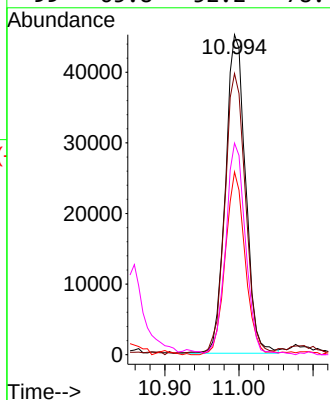
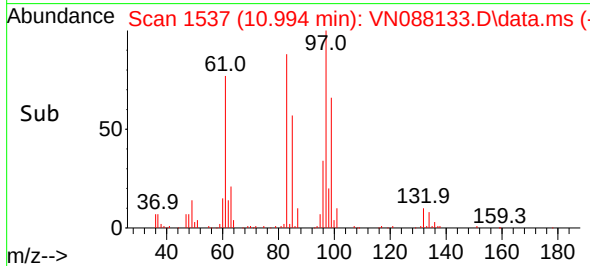
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



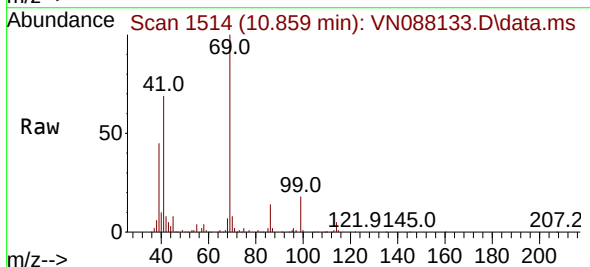
Tgt Ion: 97 Resp: 84940
Ion Ratio Lower Upper
97 100
83 87.6 68.2 102.4
85 57.0 45.5 68.3
99 65.8 52.2 78.4

Manual Integrations
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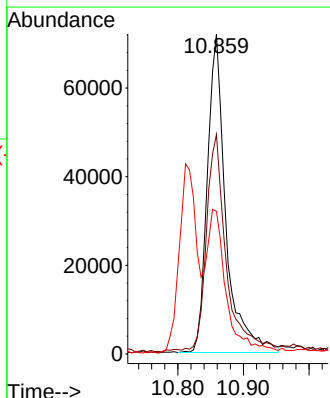
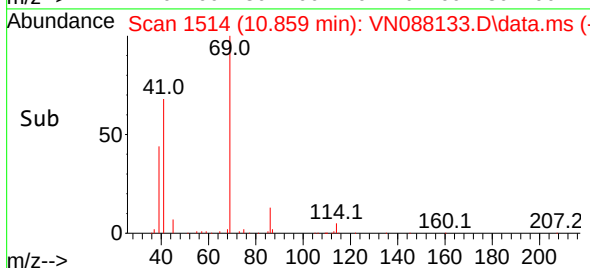
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

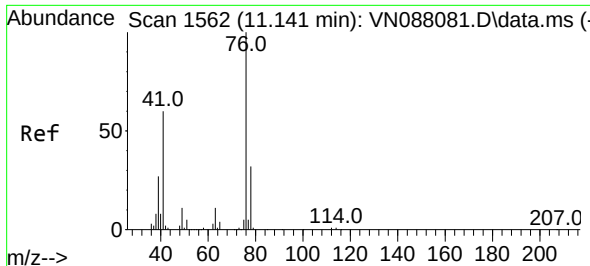


#56
Ethyl methacrylate
Concen: 23.600 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



Tgt Ion: 69 Resp: 141351
Ion Ratio Lower Upper
69 100
41 74.0 56.5 84.7
39 48.0 34.2 51.4





#57

1,3-Dichloropropane

Concen: 23.672 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN088133.D

Acq: 28 Oct 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBSD01

Tgt Ion: 76 Resp: 157479

Ion Ratio Lower Upper

76 100

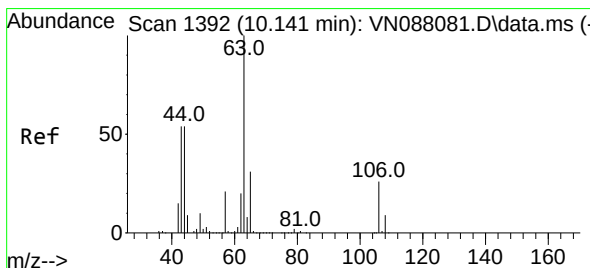
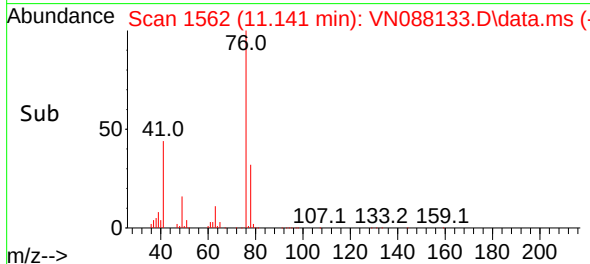
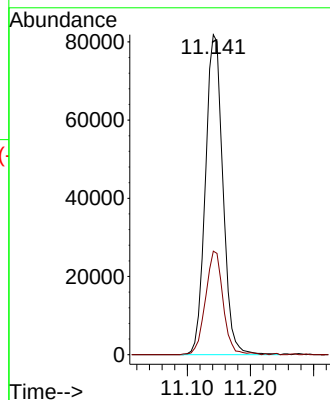
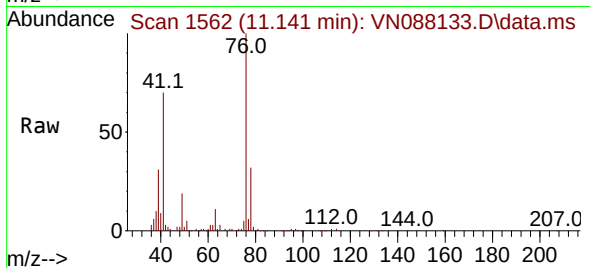
78 32.6 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 112.504 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088133.D

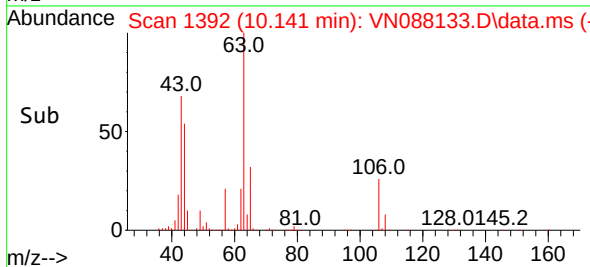
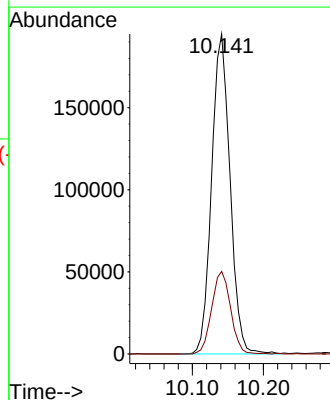
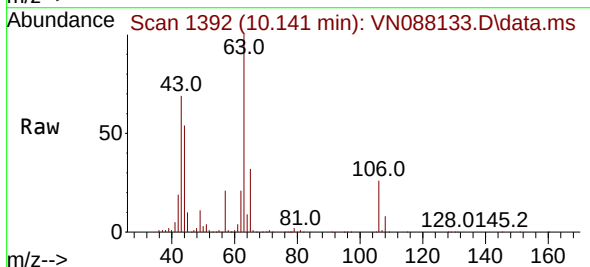
Acq: 28 Oct 2025 12:56

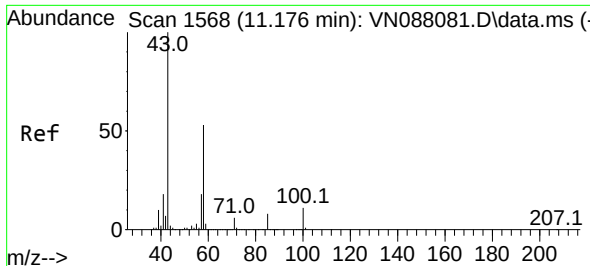
Tgt Ion: 63 Resp: 350506

Ion Ratio Lower Upper

63 100

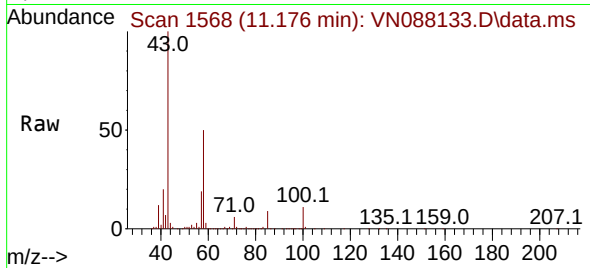
106 26.4 21.1 31.7





#59
2-Hexanone
Concen: 117.711 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

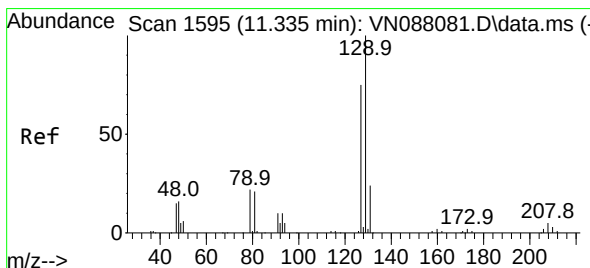
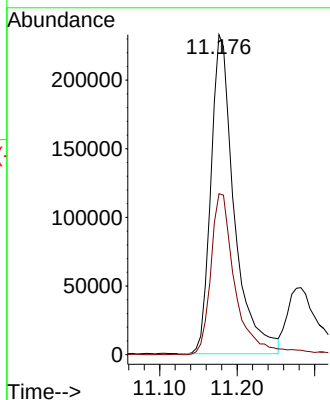
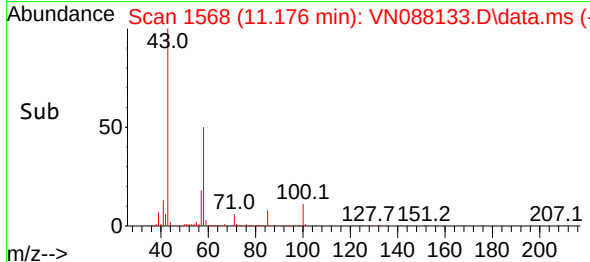
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 43 Resp: 486698
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8

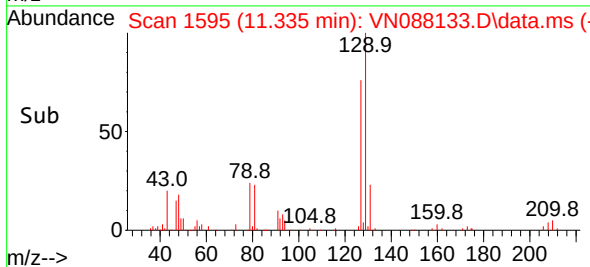
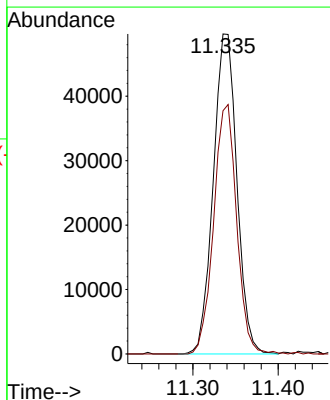
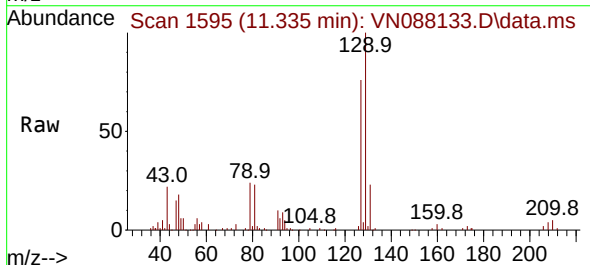
Manual Integrations
APPROVED

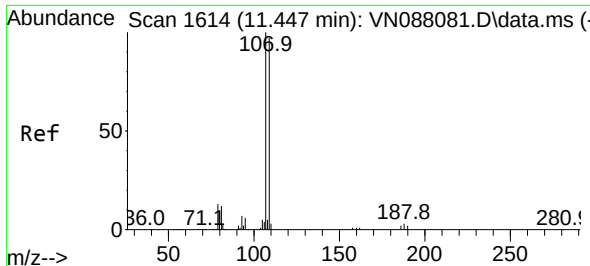
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#60
Dibromochloromethane
Concen: 22.262 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

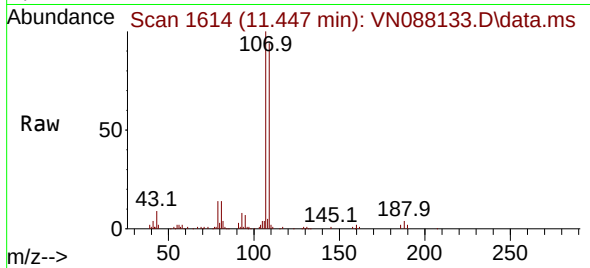
Tgt Ion:129 Resp: 95768
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.3





#61
1,2-Dibromoethane
Concen: 22.594 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

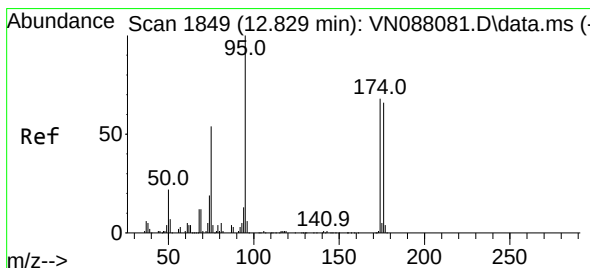
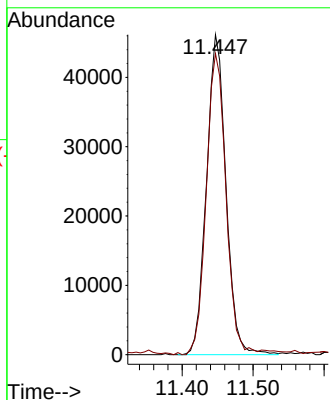
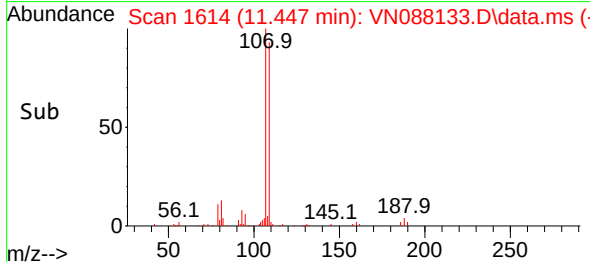
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:107 Resp: 88009
Ion Ratio Lower Upper
107 100
109 94.8 74.7 112.1

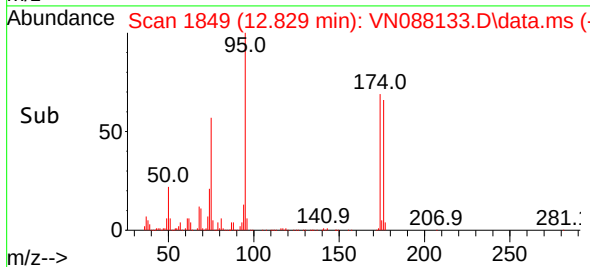
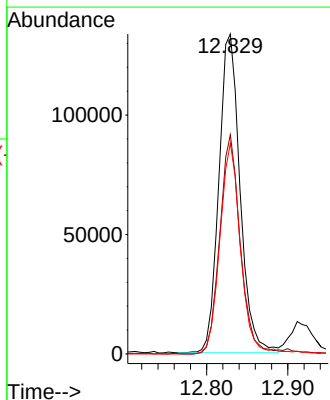
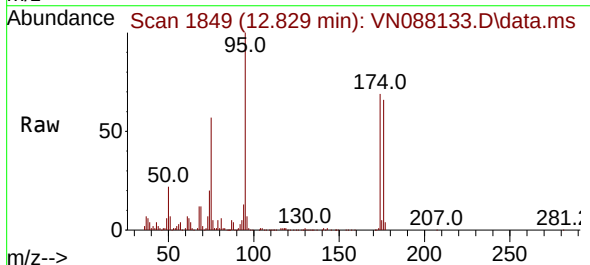
Manual Integrations
APPROVED

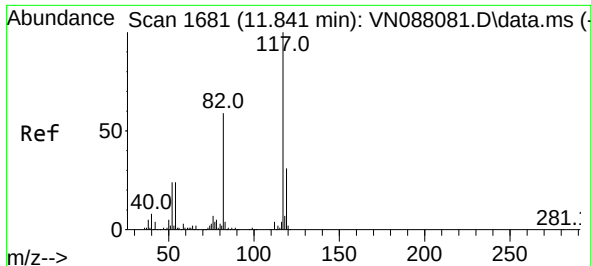
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#62
4-Bromofluorobenzene
Concen: 48.923 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

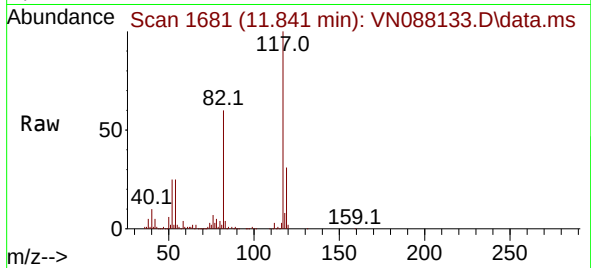
Tgt Ion: 95 Resp: 242249
Ion Ratio Lower Upper
95 100
174 66.1 0.0 138.4
176 64.7 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

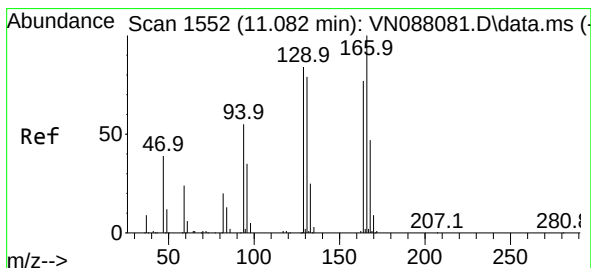
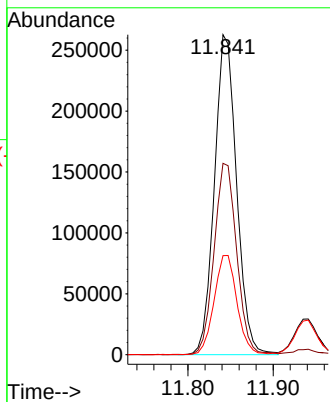
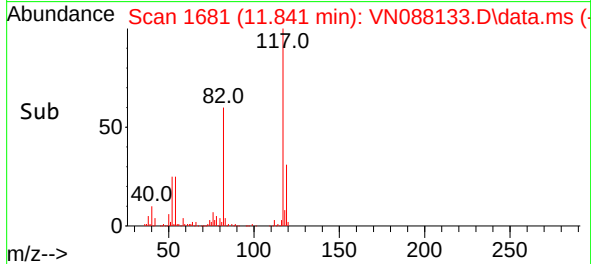
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:117 Resp: 475634
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 30.9 24.3 36.5

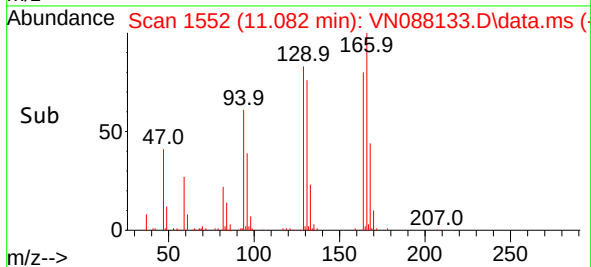
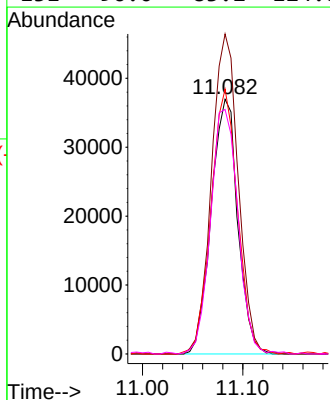
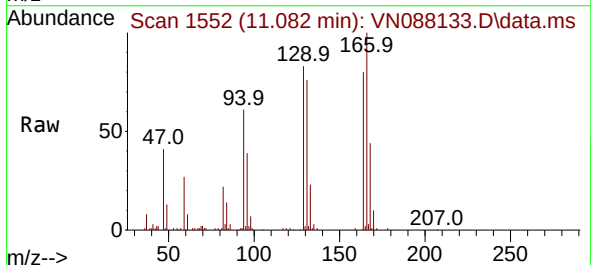
Manual Integrations
APPROVED

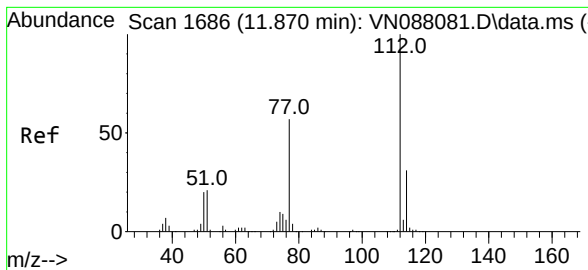
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#64
Tetrachloroethene
Concen: 21.598 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

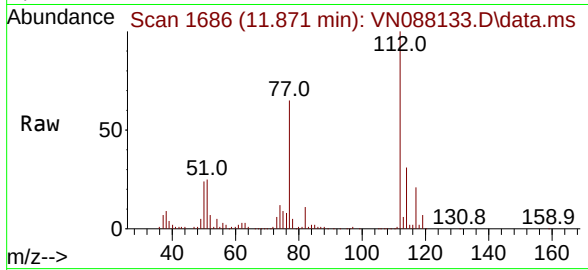
Tgt Ion:164 Resp: 67761
Ion Ratio Lower Upper
164 100
166 125.6 97.7 146.5
129 104.0 85.9 128.9
131 96.0 83.2 124.8





#65
Chlorobenzene
Concen: 21.829 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

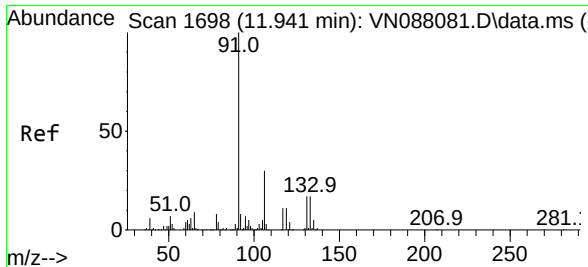
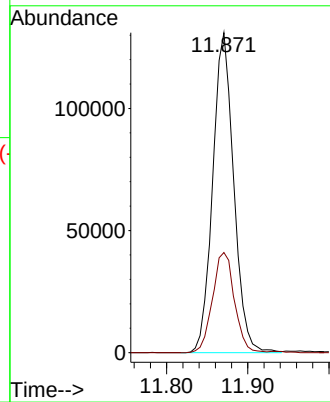
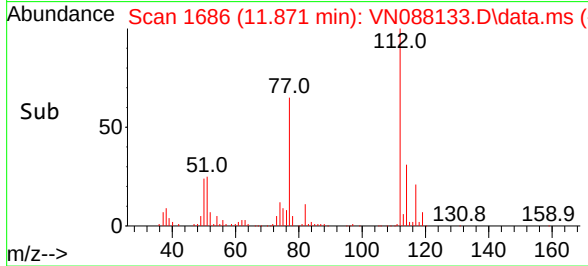
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



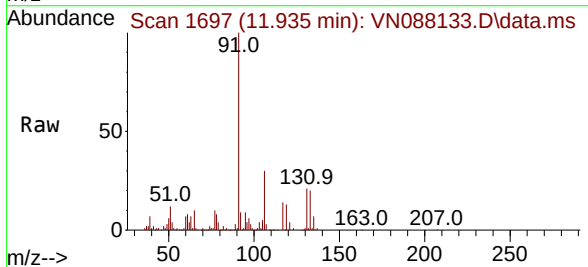
Tgt Ion:112 Resp: 235754
Ion Ratio Lower Upper
112 100
114 31.3 24.3 36.5

Manual Integrations
APPROVED

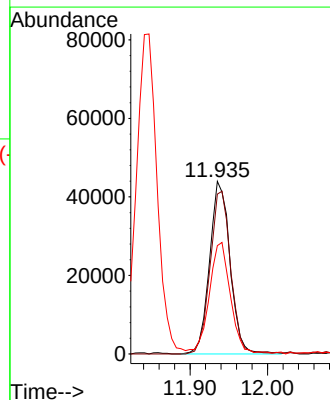
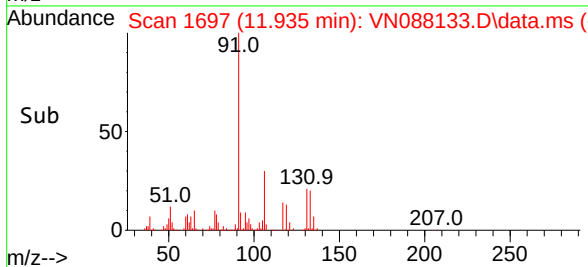
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

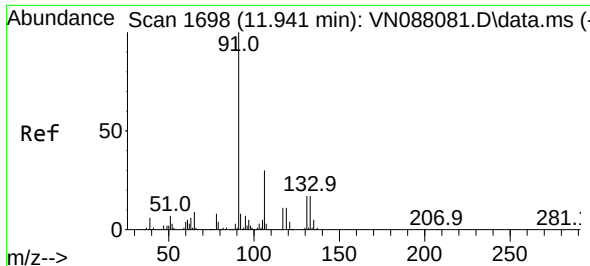


#66
1,1,1,2-Tetrachloroethane
Concen: 22.837 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



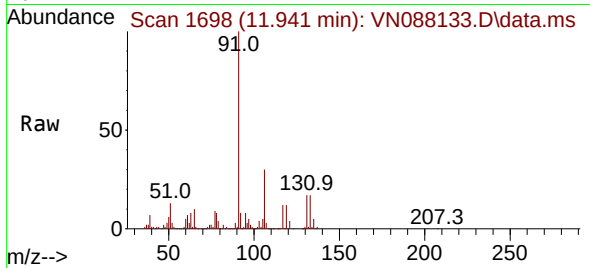
Tgt Ion:131 Resp: 80806
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.0
119 65.6 32.6 97.7





#67
Ethyl Benzene
Concen: 22.529 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

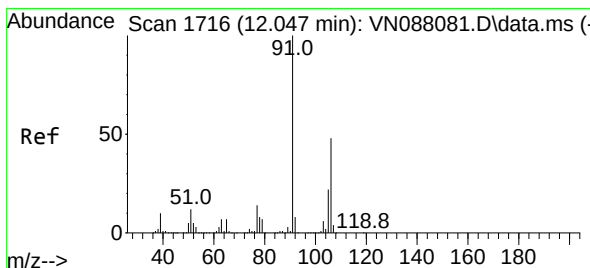
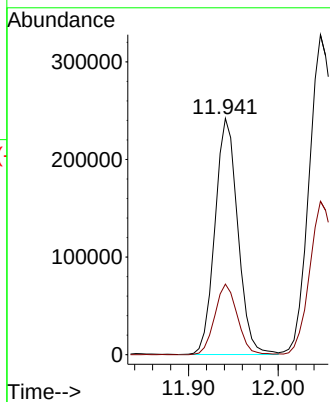
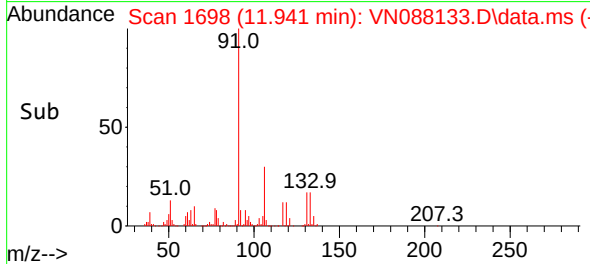
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



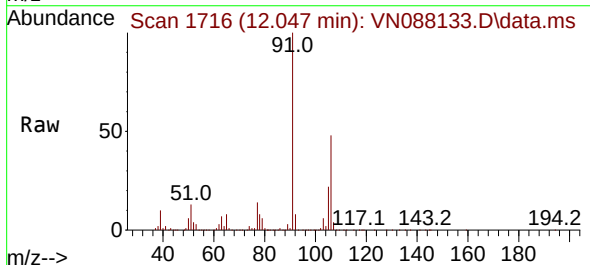
Tgt Ion: 91 Resp: 427092
Ion Ratio Lower Upper
91 100
106 29.9 24.1 36.1

Manual Integrations
APPROVED

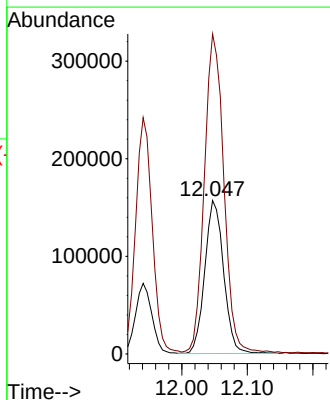
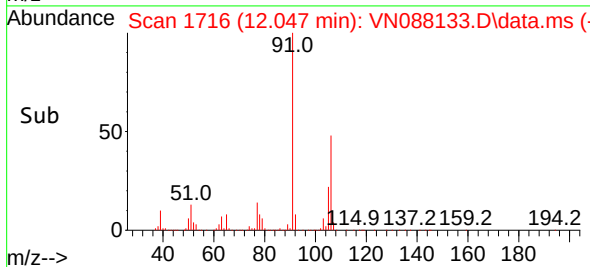
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

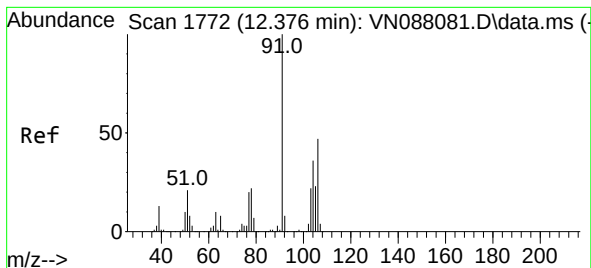


#68
m/p-Xylenes
Concen: 44.223 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



Tgt Ion:106 Resp: 314121
Ion Ratio Lower Upper
106 100
91 214.6 169.3 253.9





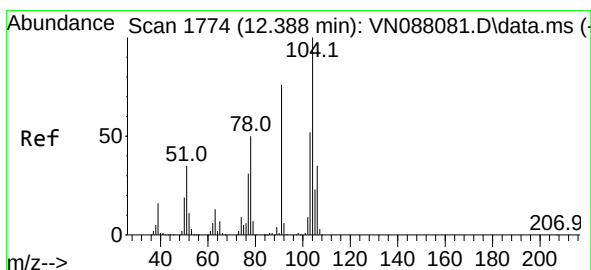
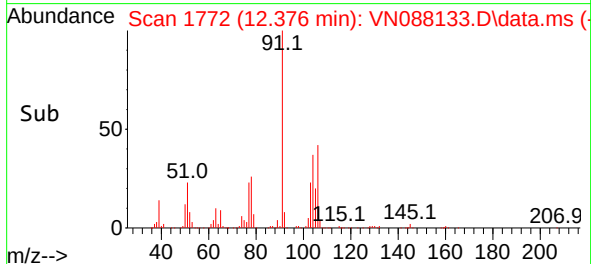
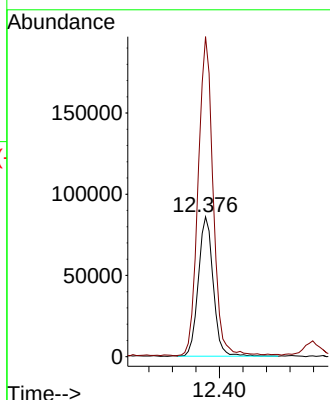
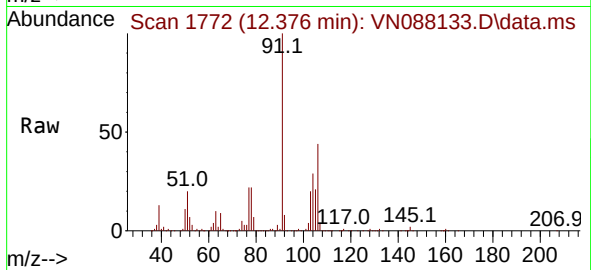
#69
o-Xylene
Concen: 22.400 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:106 Resp: 15083
Ion Ratio Lower Upper
106 100
91 230.7 111.4 334.2

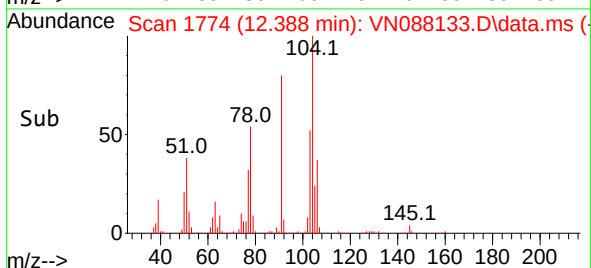
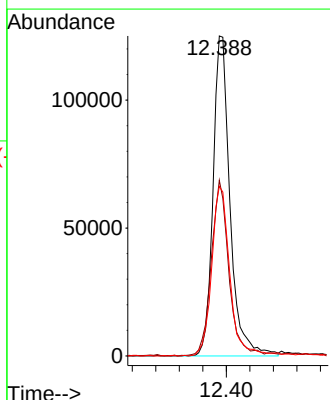
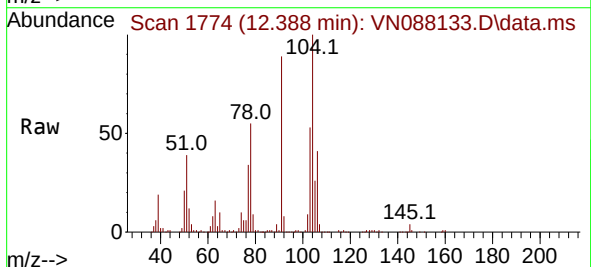
Manual Integrations
APPROVED

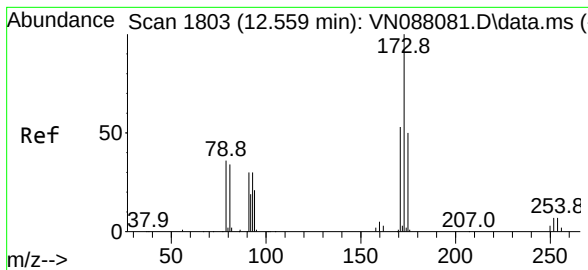
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#70
Styrene
Concen: 22.834 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

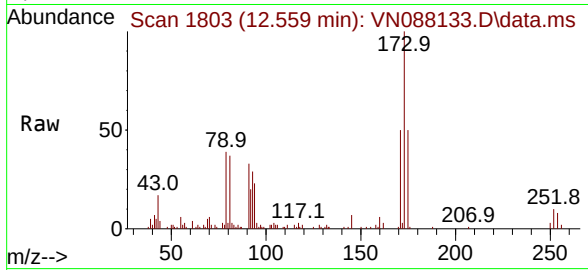
Tgt Ion:104 Resp: 250719
Ion Ratio Lower Upper
104 100
78 56.8 42.2 63.2
103 57.0 43.4 65.2





#71
Bromoform
Concen: 22.344 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

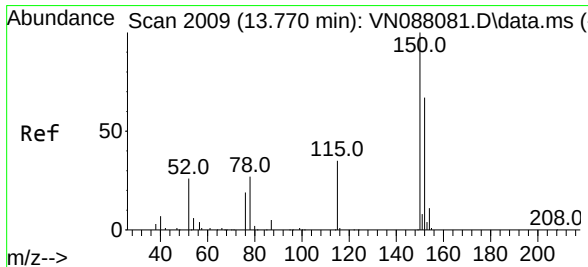
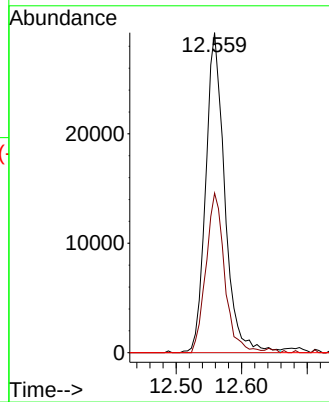
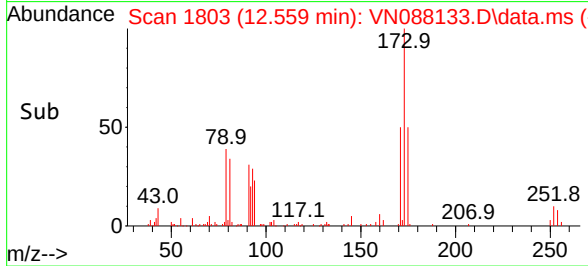
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



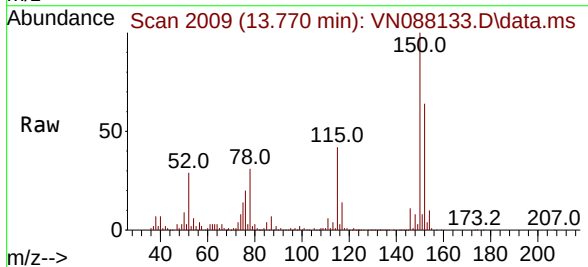
Tgt Ion:173 Resp: 59000
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

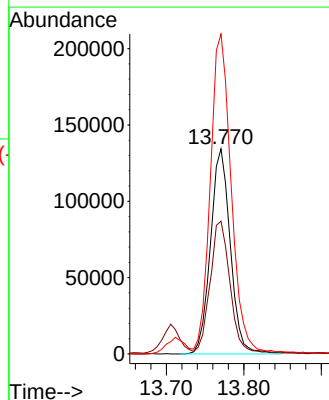
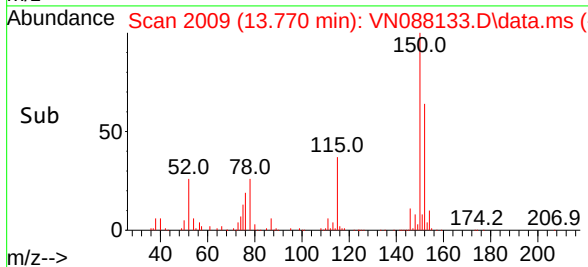
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

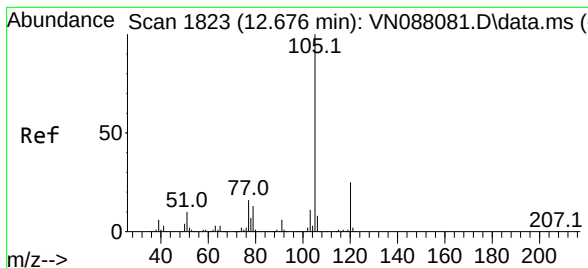


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



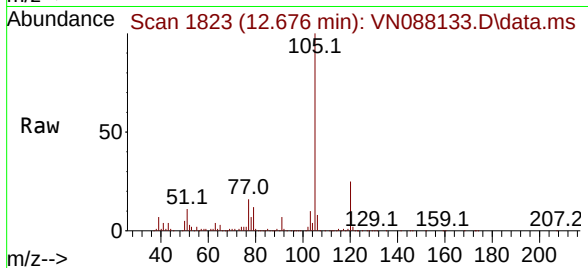
Tgt Ion:152 Resp: 239035
Ion Ratio Lower Upper
152 100
115 63.5 32.3 96.8
150 164.1 0.0 351.0





#73
Isopropylbenzene
Concen: 21.917 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

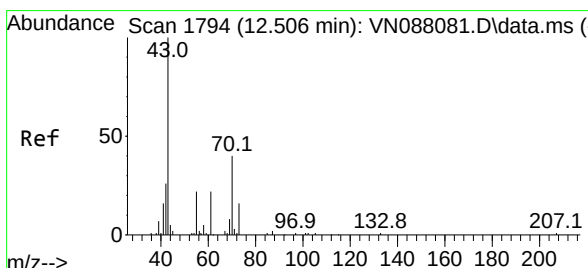
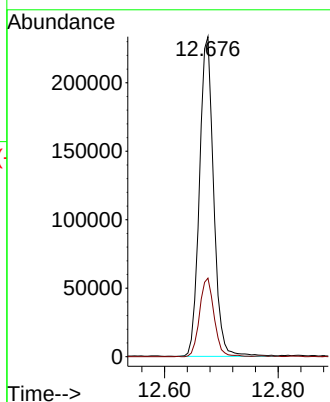
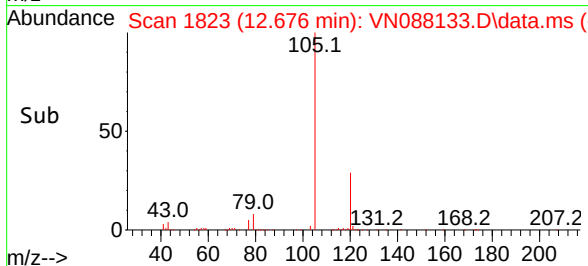
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



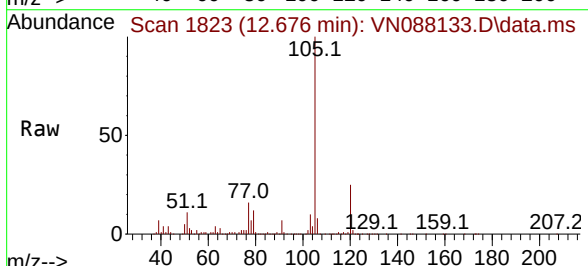
Tgt Ion:105 Resp: 404073
Ion Ratio Lower Upper
105 100
120 25.2 12.8 38.3

Manual Integrations
APPROVED

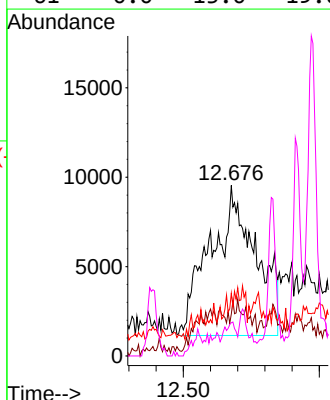
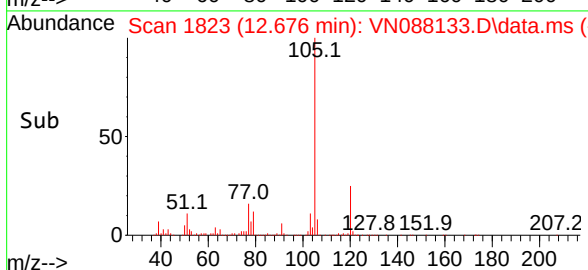
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

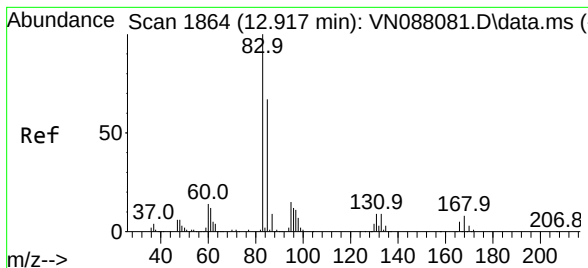


#74
N-ethyl acetate
Concen: 18.440 ug/l m
RT: 12.676 min Scan# 1823
Delta R.T. 0.176 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



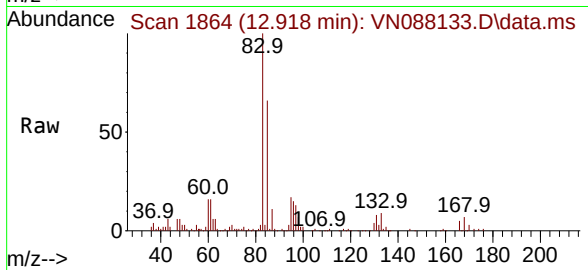
Tgt Ion: 43 Resp: 96509
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 0.0 13.0 19.6#
61 0.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 23.135 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

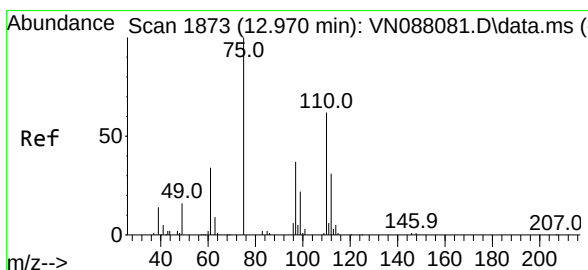
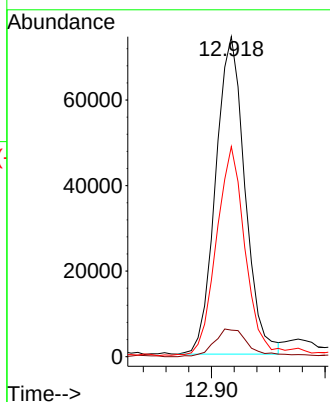
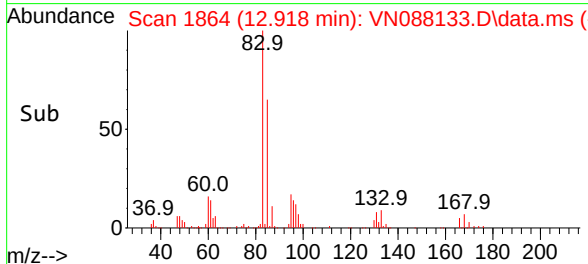
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



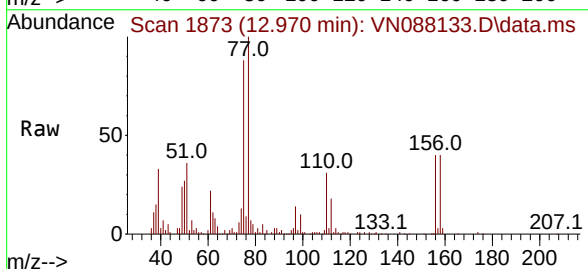
Tgt Ion: 83 Resp: 13278
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.4
85 64.8 32.1 96.3

Manual Integrations
APPROVED

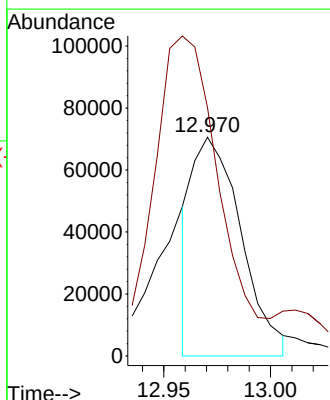
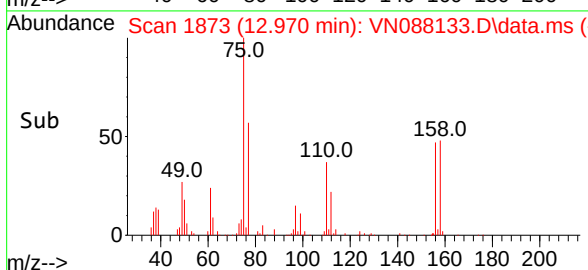
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

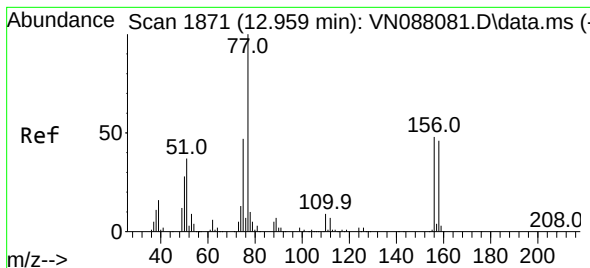


#76
1,2,3-Trichloropropane
Concen: 20.589 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



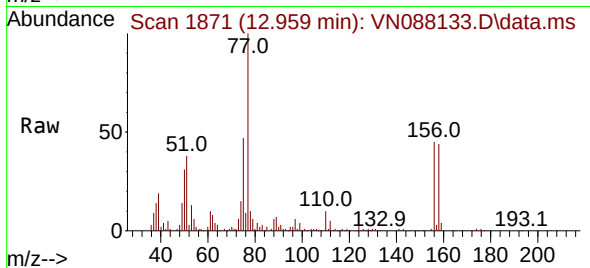
Tgt Ion: 75 Resp: 112518
Ion Ratio Lower Upper
75 100
77 198.1 89.1 267.4





#77
Bromobenzene
Concen: 22.890 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

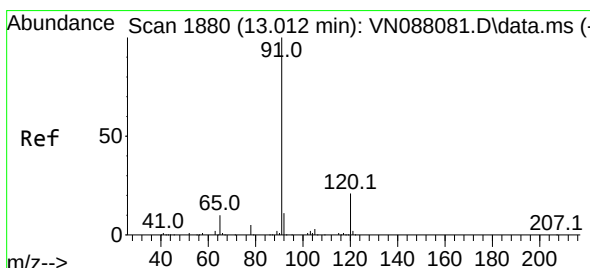
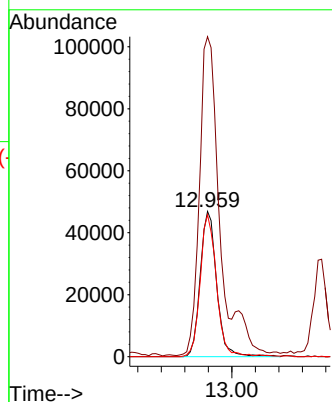
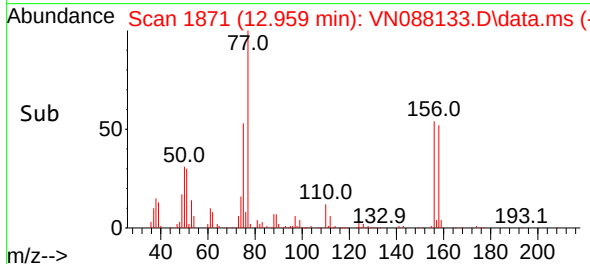
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:156 Resp: 91002
Ion Ratio Lower Upper
156 100
77 244.9 119.3 358.0
158 96.6 48.2 144.6

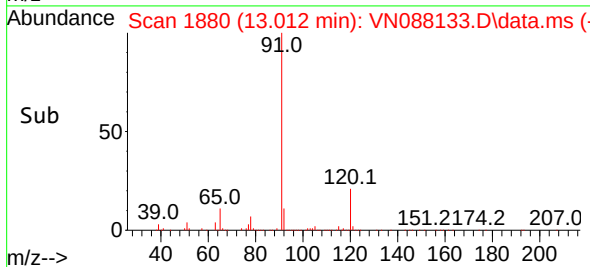
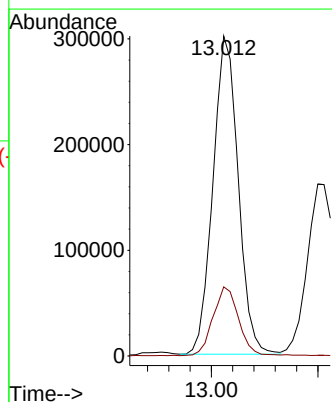
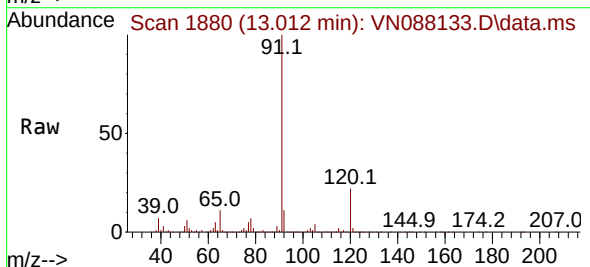
Manual Integrations
APPROVED

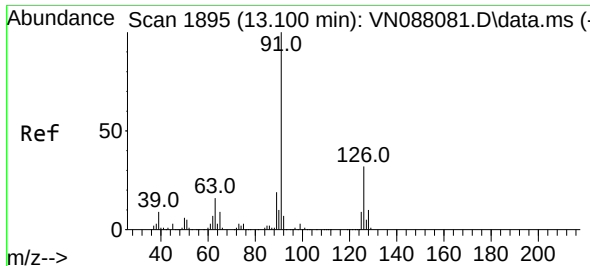
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#78
n-propylbenzene
Concen: 21.994 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion: 91 Resp: 494834
Ion Ratio Lower Upper
91 100
120 22.4 10.7 32.1





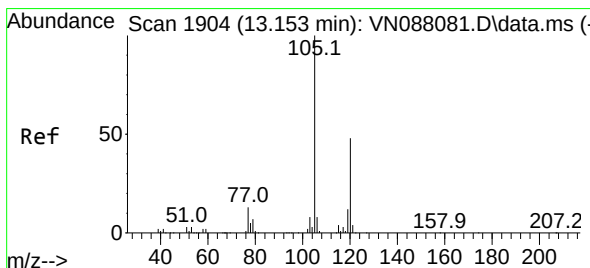
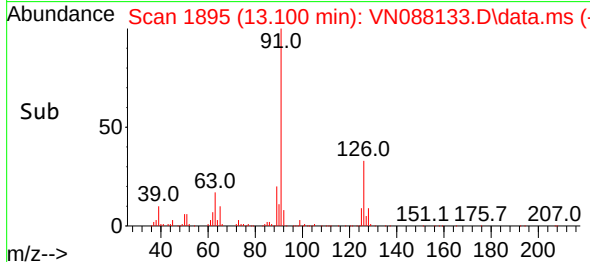
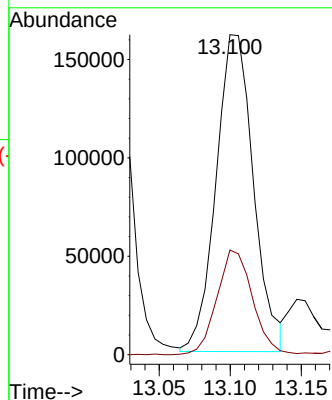
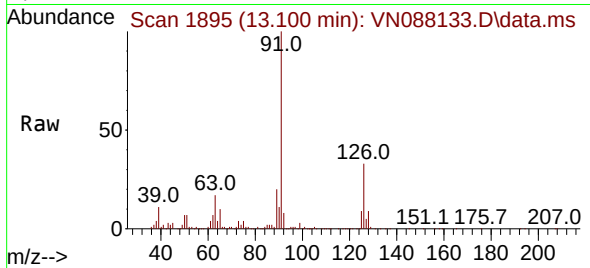
#79
2-Chlorotoluene
Concen: 23.046 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion: 91 Resp: 29568
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3

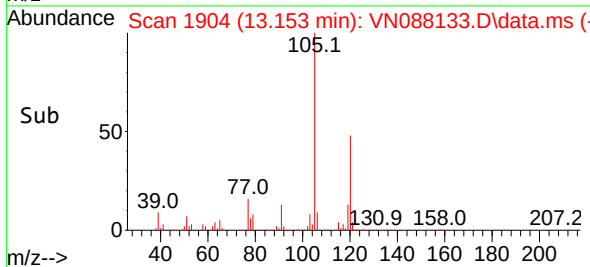
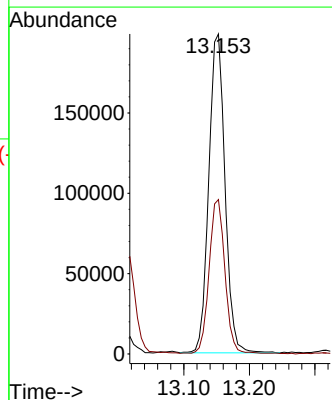
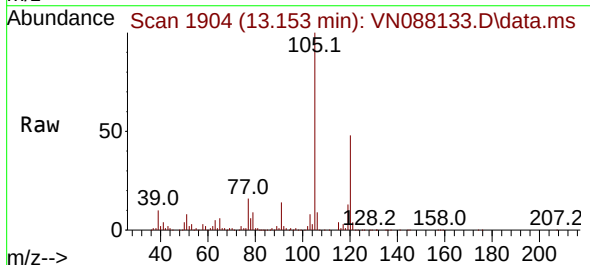
Manual Integrations
APPROVED

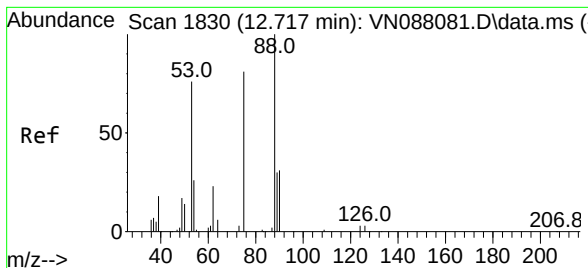
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.247 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

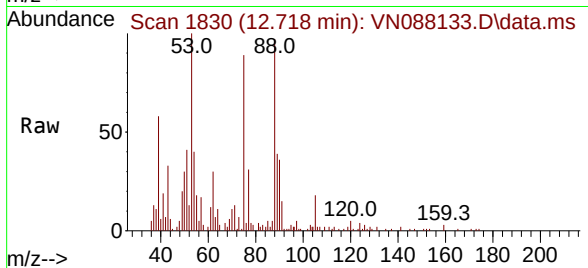
Tgt Ion:105 Resp: 340635
Ion Ratio Lower Upper
105 100
120 47.9 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.519 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

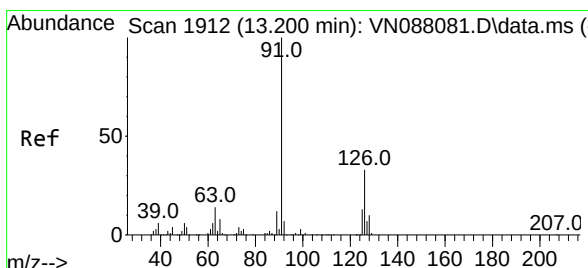
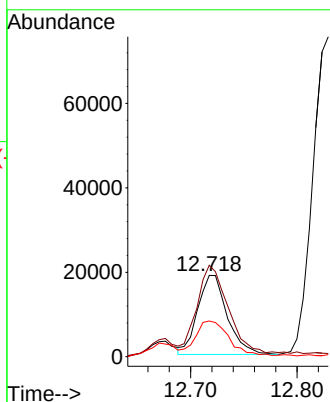
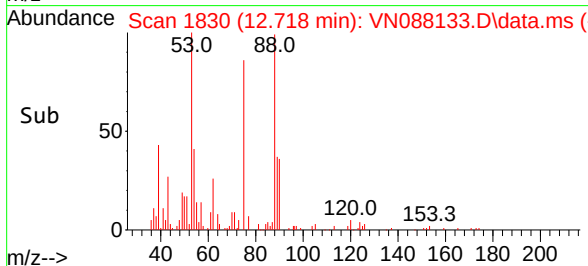
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion: 75 Resp: 3628
Ion Ratio Lower Upper
75 100
53 119.1 101.8 152.6
89 49.2 35.6 53.4

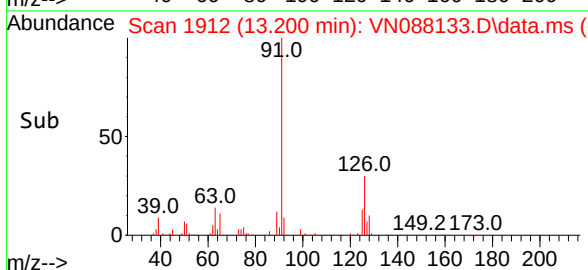
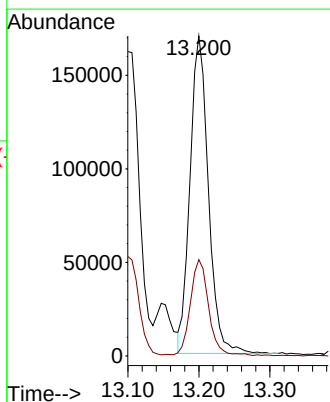
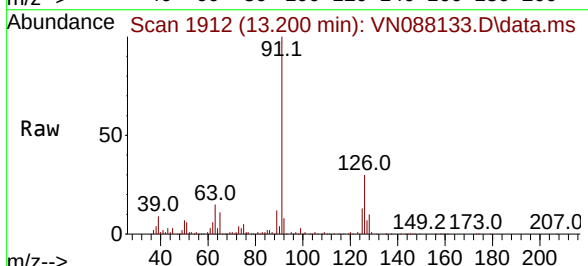
Manual Integrations
APPROVED

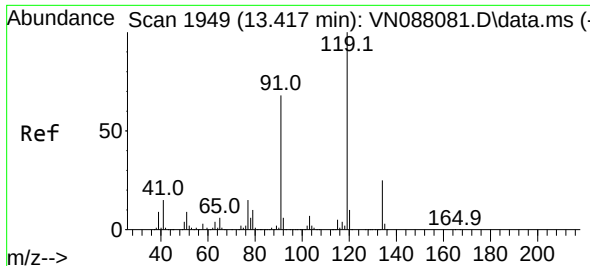
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#82
4-Chlorotoluene
Concen: 22.038 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

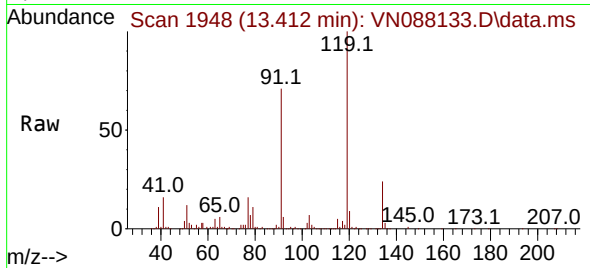
Tgt Ion: 91 Resp: 305914
Ion Ratio Lower Upper
91 100
126 29.9 15.6 46.8





#83
tert-Butylbenzene
Concen: 21.819 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

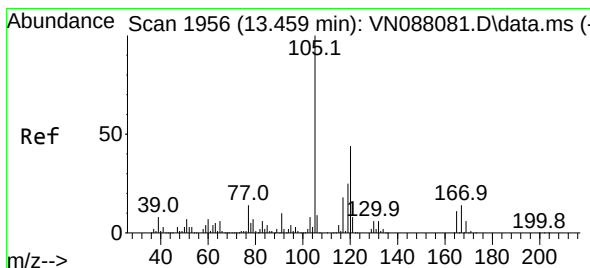
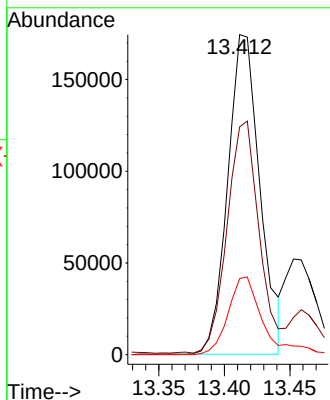
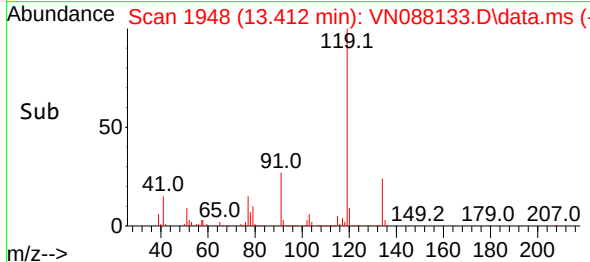
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



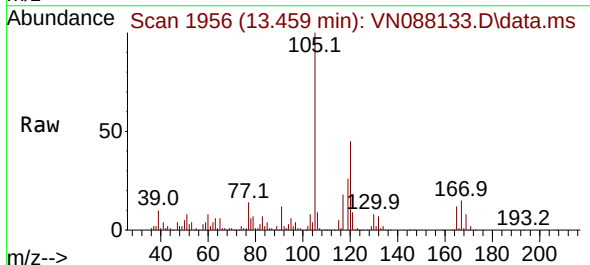
Tgt Ion:119 Resp: 298438
Ion Ratio Lower Upper
119 100
91 71.7 35.0 105.0
134 26.4 12.6 37.8

Manual Integrations
APPROVED

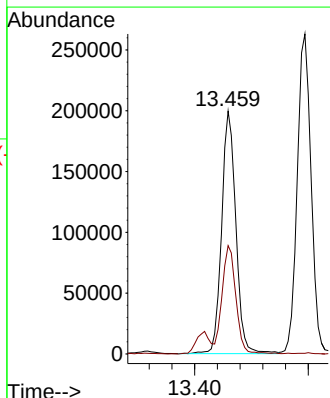
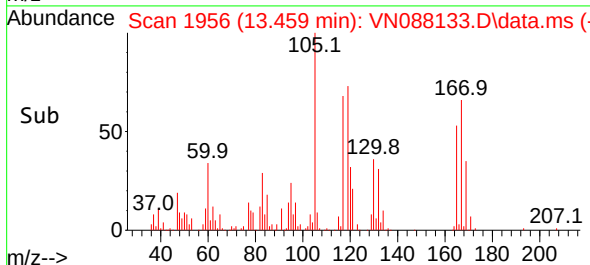
Reviewed By :John Carbone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

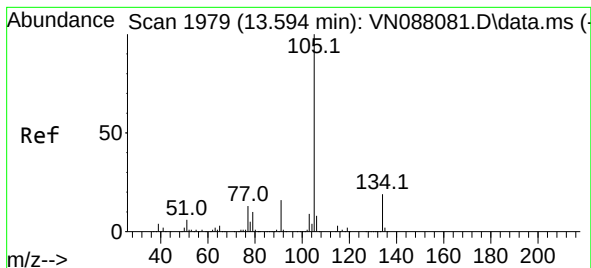


#84
1,2,4-Trimethylbenzene
Concen: 22.743 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



Tgt Ion:105 Resp: 348409
Ion Ratio Lower Upper
105 100
120 42.2 22.0 66.0





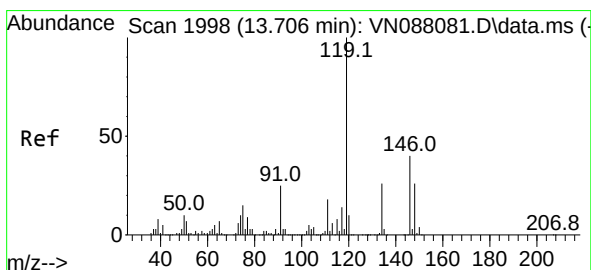
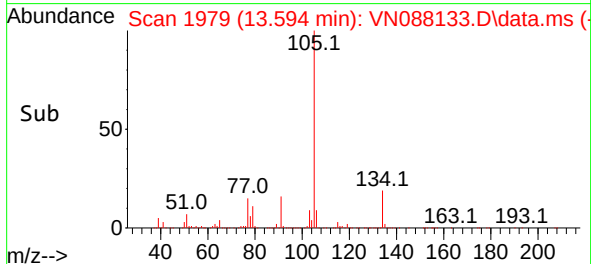
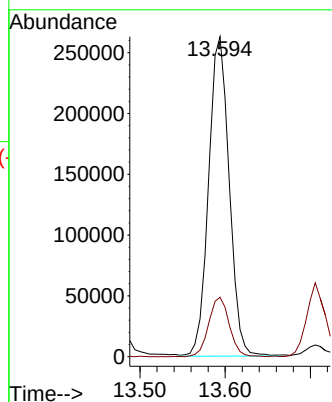
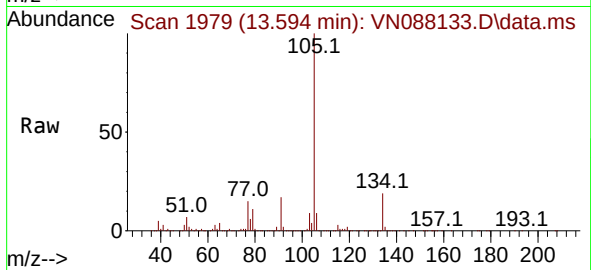
#85
sec-Butylbenzene
Concen: 22.004 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01

Tgt Ion:105 Resp: 442170
Ion Ratio Lower Upper
105 100
134 18.6 9.6 28.6

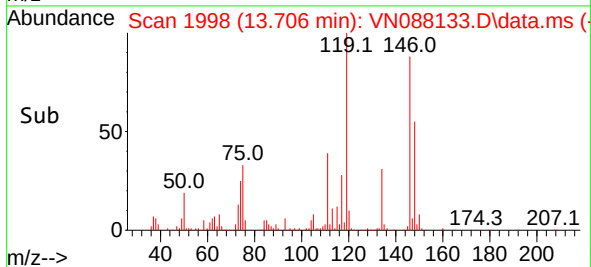
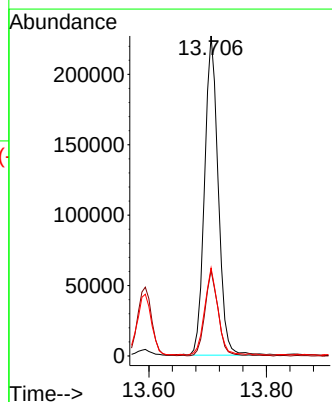
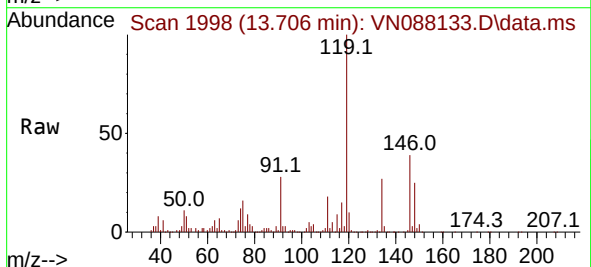
Manual Integrations
APPROVED

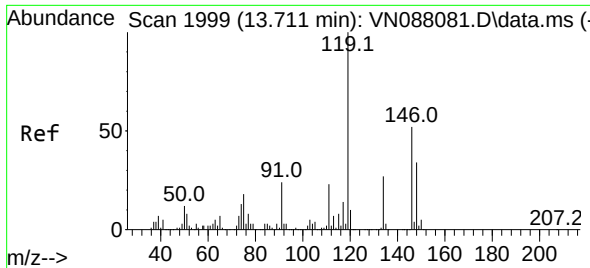
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#86
p-Isopropyltoluene
Concen: 22.664 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

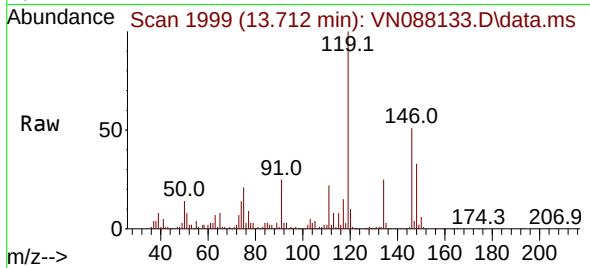
Tgt Ion:119 Resp: 365354
Ion Ratio Lower Upper
119 100
134 25.3 12.7 38.0
91 26.4 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 22.436 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

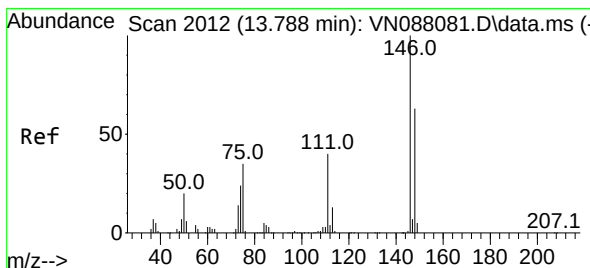
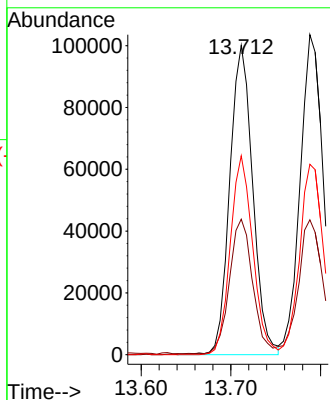
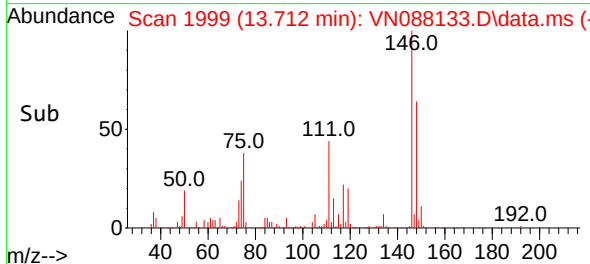
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



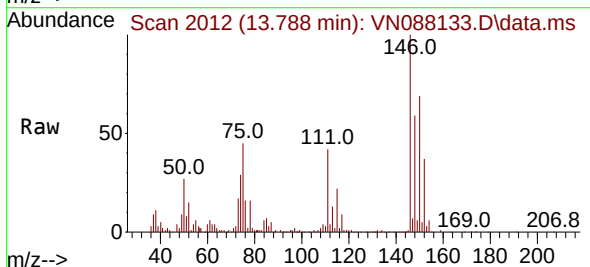
Tgt Ion:146 Resp: 17806
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.5
148 62.9 32.0 96.2

Manual Integrations
APPROVED

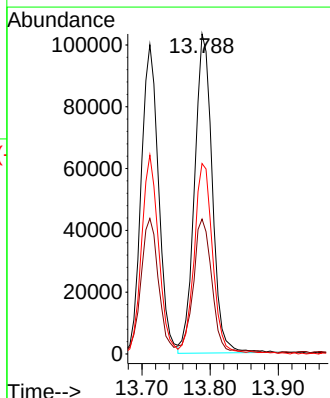
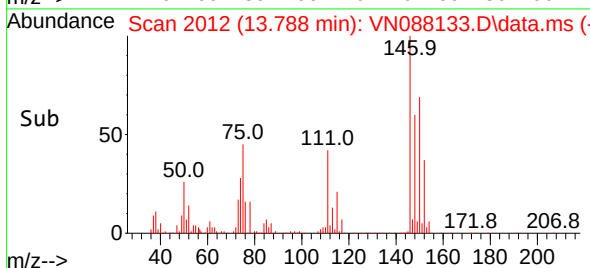
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

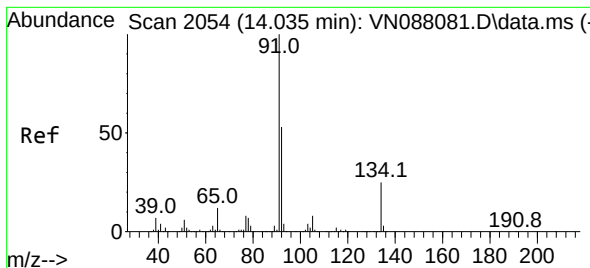


#88
1,4-Dichlorobenzene
Concen: 21.853 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



Tgt Ion:146 Resp: 186271
Ion Ratio Lower Upper
146 100
111 42.3 21.0 63.0
148 60.7 32.0 96.0





#89

n-Butylbenzene

Concen: 22.048 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088133.D

Acq: 28 Oct 2025 12:56

Instrument :

MSVOA_N

ClientSampleId :

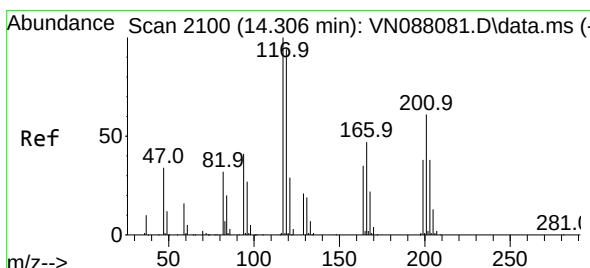
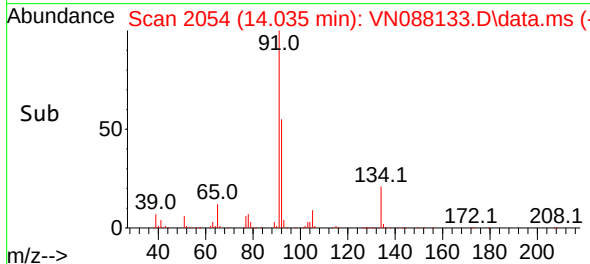
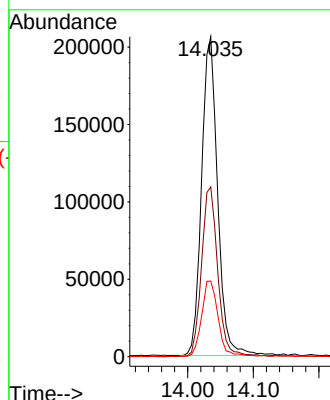
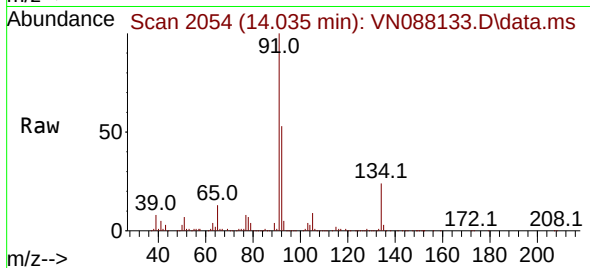
VN1028WBSD01

Tgt Ion: 91 Resp: 352069
 Ion Ratio Lower Upper
 91 100
 92 53.8 25.9 77.8
 134 24.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#90

Hexachloroethane

Concen: 21.282 ug/l

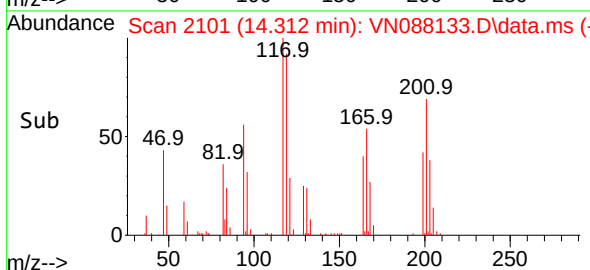
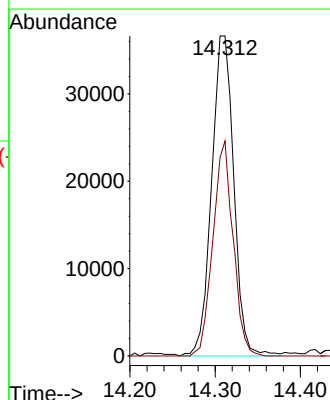
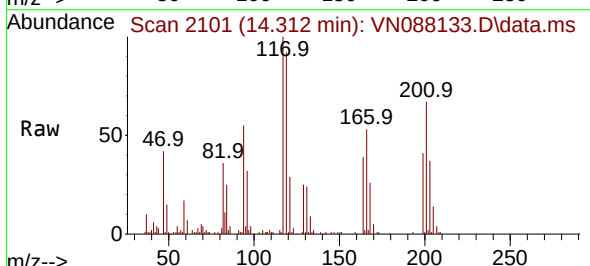
RT: 14.312 min Scan# 2101

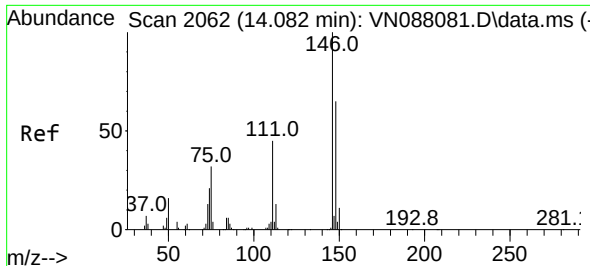
Delta R.T. -0.000 min

Lab File: VN088133.D

Acq: 28 Oct 2025 12:56

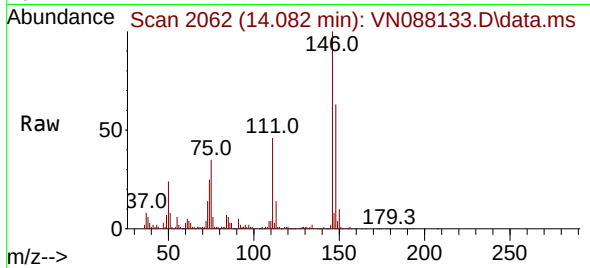
Tgt Ion:117 Resp: 66437
 Ion Ratio Lower Upper
 117 100
 201 61.1 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 22.660 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

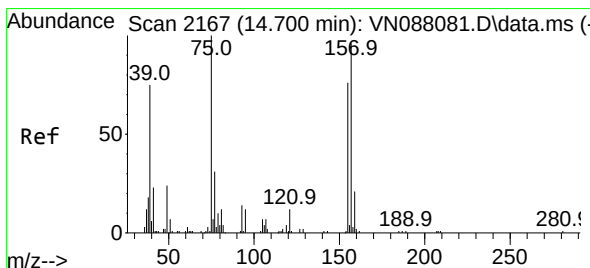
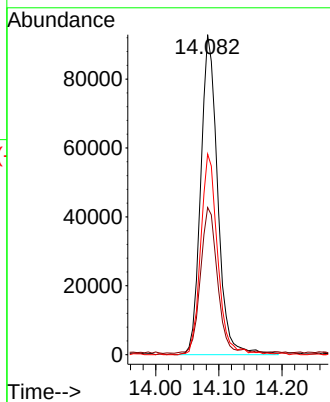
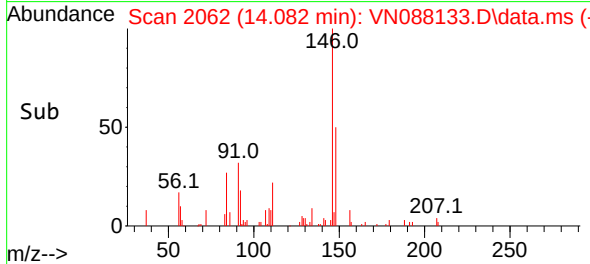
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



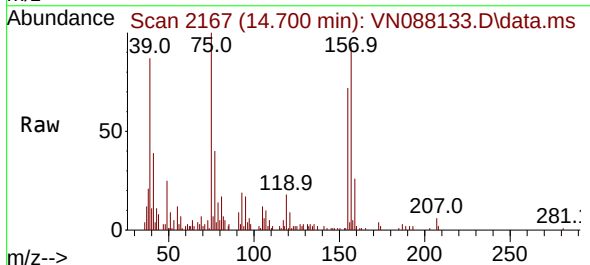
Tgt Ion:146 Resp: 17335
Ion Ratio Lower Upper
146 100
111 45.5 22.6 67.8
148 62.9 31.9 95.9

Manual Integrations
APPROVED

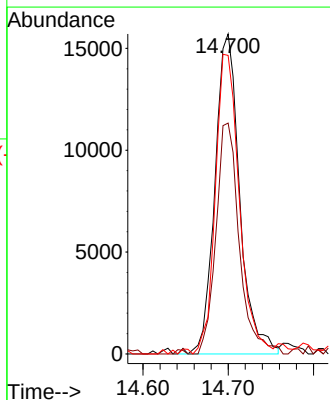
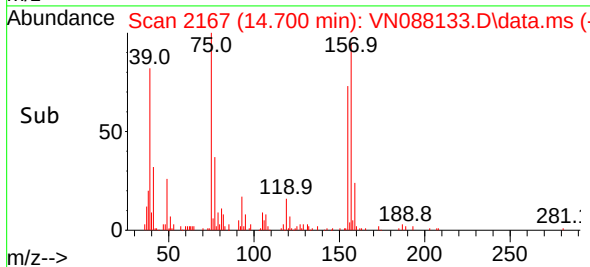
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

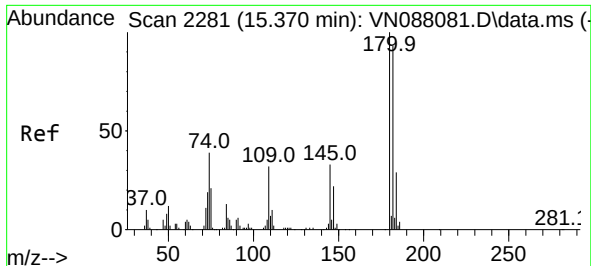


#92
1,2-Dibromo-3-Chloropropane
Concen: 23.755 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



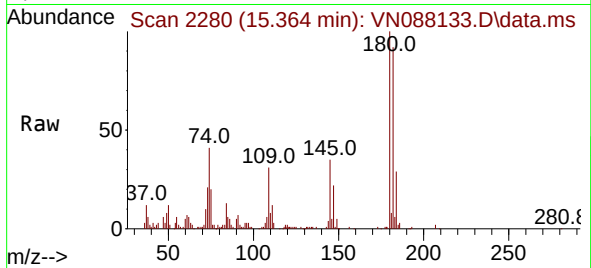
Tgt Ion: 75 Resp: 31736
Ion Ratio Lower Upper
75 100
155 68.0 36.6 109.9
157 91.3 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 22.862 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

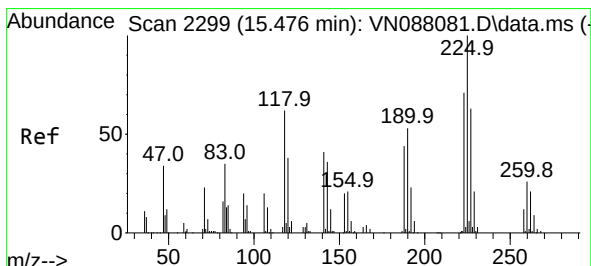
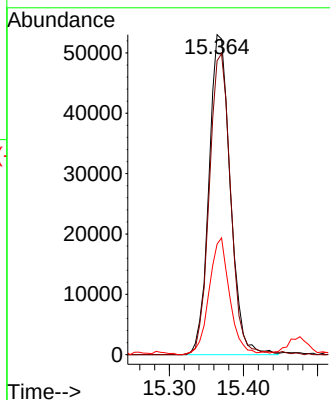
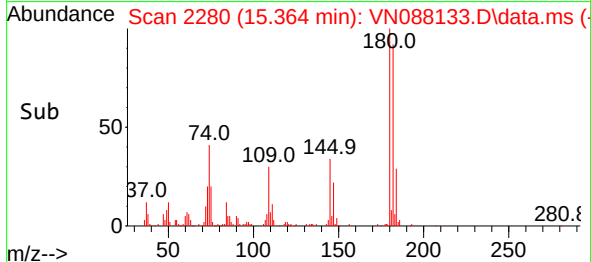
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



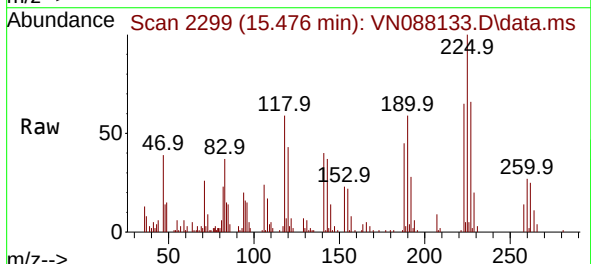
Tgt Ion:180 Resp: 105924
Ion Ratio Lower Upper
180 100
182 93.8 47.6 142.9
145 35.3 16.5 49.5

Manual Integrations
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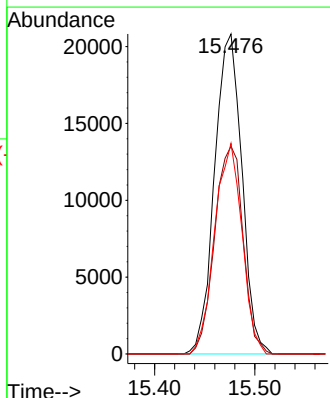
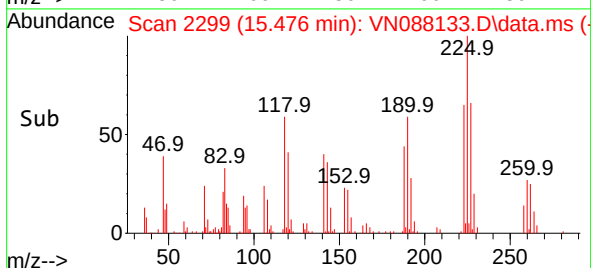
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

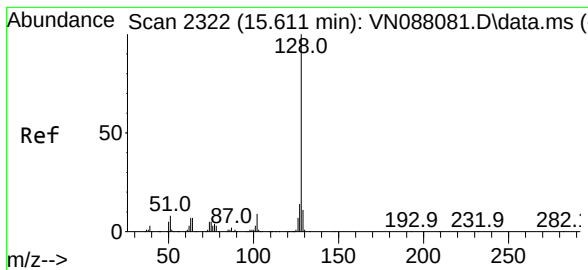


#94
Hexachlorobutadiene
Concen: 22.831 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56



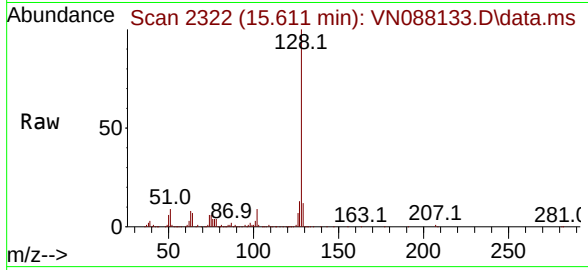
Tgt Ion:225 Resp: 39392
Ion Ratio Lower Upper
225 100
223 67.4 32.0 96.2
227 65.9 32.1 96.5





#95
Naphthalene
Concen: 23.376 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

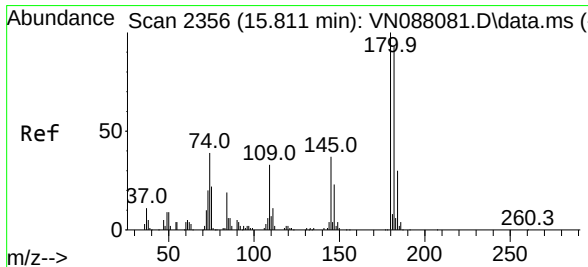
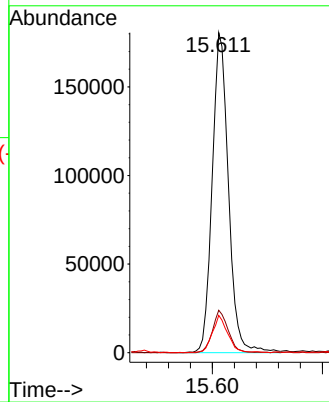
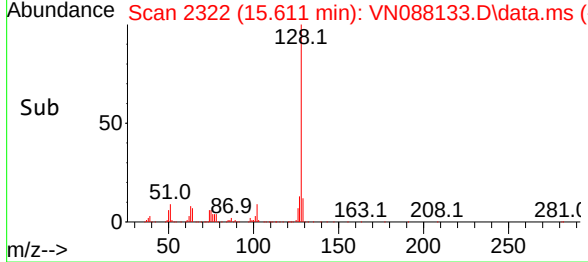
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBSD01



Tgt Ion:128 Resp: 37102
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 23.008 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088133.D
Acq: 28 Oct 2025 12:56

Tgt Ion:180 Resp: 102213
Ion Ratio Lower Upper
180 100
182 92.5 46.8 140.3
145 36.0 17.3 52.0

