

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042825\
 Data File : VN086403.D
 Acq On : 28 Apr 2025 11:56
 Operator : JC\MD
 Sample : VN0428WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2025
 Supervised By : Semsettin Yesilyurt 04/29/2025

Quant Time: Apr 29 01:49:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	326083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126057	48.737	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.480%		
35) Dibromofluoromethane	8.165	113	80183	52.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.960%		
50) Toluene-d8	10.565	98	392054	48.472	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.940%		
62) 4-Bromofluorobenzene	12.847	95	145527	49.329	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	33565	15.874	ug/l	99
3) Chloromethane	2.359	50	46571	15.155	ug/l	99
4) Vinyl Chloride	2.518	62	43697	14.901	ug/l	94
5) Bromomethane	2.959	94	24210	18.354	ug/l	99
6) Chloroethane	3.124	64	29750	15.158	ug/l	98
7) Trichlorofluoromethane	3.501	101	52816	16.260	ug/l	100
8) Diethyl Ether	3.959	74	23899	16.853	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	33501	17.049	ug/l	100
10) Methyl Iodide	4.595	142	41246	19.092	ug/l	98
11) Tert butyl alcohol	5.518	59	39236	83.140	ug/l	100
12) 1,1-Dichloroethene	4.348	96	33037	15.737	ug/l	92
13) Acrolein	4.177	56	16181	62.197	ug/l	94
14) Allyl chloride	5.024	41	59109	15.838	ug/l	98
15) Acrylonitrile	5.718	53	101473	86.980	ug/l	100
16) Acetone	4.424	43	81104	86.973	ug/l	97
17) Carbon Disulfide	4.712	76	83475	13.280	ug/l	97
18) Methyl Acetate	5.018	43	58921	18.978	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	132967	17.230	ug/l	99
20) Methylene Chloride	5.277	84	41032	17.160	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	35146	16.013	ug/l	93
22) Diisopropyl ether	6.665	45	131126	16.152	ug/l	98
23) Vinyl Acetate	6.600	43	448845	79.088	ug/l	99
24) 1,1-Dichloroethane	6.559	63	71446	16.679	ug/l	99
25) 2-Butanone	7.477	43	131717	81.814	ug/l	96
26) 2,2-Dichloropropane	7.489	77	63069	16.444	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	46275	16.987	ug/l	96
28) Bromochloromethane	7.812	49	35001	19.271	ug/l	92
29) Tetrahydrofuran	7.836	42	86971	80.784	ug/l	98
30) Chloroform	7.965	83	73218	17.400	ug/l	98
31) Cyclohexane	8.253	56	63904	15.246	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	61163	16.991	ug/l	94
36) 1,1-Dichloropropene	8.371	75	49034	16.222	ug/l	98
37) Ethyl Acetate	7.553	43	51711	16.249	ug/l	99
38) Carbon Tetrachloride	8.359	117	49394	17.159	ug/l	94
39) Methylcyclohexane	9.594	83	55976	15.580	ug/l	98
40) Benzene	8.600	78	165449	17.083	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32617	17.684	ug/l	97
42) 1,2-Dichloroethane	8.671	62	56672	18.350	ug/l	99
43) Isopropyl Acetate	8.683	43	100320	16.052	ug/l	99
44) Trichloroethene	9.347	130	39511	17.213	ug/l	98
45) 1,2-Dichloropropane	9.618	63	41260	17.404	ug/l	96
46) Dibromomethane	9.706	93	28424	18.818	ug/l	98
47) Bromodichloromethane	9.882	83	59774	18.322	ug/l	96
48) Methyl methacrylate	9.677	41	46575	16.666	ug/l	97
49) 1,4-Dioxane	9.694	88	16590	348.996	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	286051	87.780	ug/l	99
52) Toluene	10.630	92	106567	17.635	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	66665	18.306	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	68950	17.238	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	41520	19.097	ug/l	97
56) Ethyl methacrylate	10.871	69	68784	17.211	ug/l	98
57) 1,3-Dichloropropane	11.159	76	70321	18.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	170235	89.744	ug/l	99
59) 2-Hexanone	11.188	43	210810	87.216	ug/l	100
60) Dibromochloromethane	11.353	129	44388	18.592	ug/l	97
61) 1,2-Dibromoethane	11.465	107	40574	18.494	ug/l	99
64) Tetrachloroethene	11.100	164	41814	18.322	ug/l	96
65) Chlorobenzene	11.888	112	119353	18.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	39863	18.250	ug/l	99
67) Ethyl Benzene	11.959	91	204767	17.138	ug/l	100
68) m/p-Xylenes	12.065	106	157251	35.126	ug/l	97
69) o-Xylene	12.394	106	79044	17.854	ug/l	98
70) Styrene	12.406	104	130916	17.747	ug/l	99
71) Bromoform	12.576	173	30000	18.242	ug/l #	99
73) Isopropylbenzene	12.694	105	193414	17.615	ug/l	99
74) N-amyl acetate	12.488	43	81893	14.982	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	58077	18.396	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	55102m	17.396	ug/l	
77) Bromobenzene	12.976	156	46375	19.062	ug/l	94
78) n-propylbenzene	13.029	91	224414	17.345	ug/l	99
79) 2-Chlorotoluene	13.123	91	143508	17.725	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	158109	17.593	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	22704m	17.214	ug/l	
82) 4-Chlorotoluene	13.218	91	141763	17.627	ug/l	98
83) tert-Butylbenzene	13.435	119	135775	17.436	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	158178	17.291	ug/l	100
85) sec-Butylbenzene	13.612	105	189130	17.510	ug/l	99
86) p-Isopropyltoluene	13.723	119	155421	17.458	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	82121	17.956	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	82389	17.885	ug/l	99
89) n-Butylbenzene	14.053	91	133735	16.947	ug/l	100
90) Hexachloroethane	14.329	117	25776	17.213	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	78660	17.740	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10224	16.061	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	35930	16.922	ug/l	98
94) Hexachlorobutadiene	15.494	225	12921	16.121	ug/l	97
95) Naphthalene	15.635	128	122275	16.246	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	33750	16.790	ug/l	99

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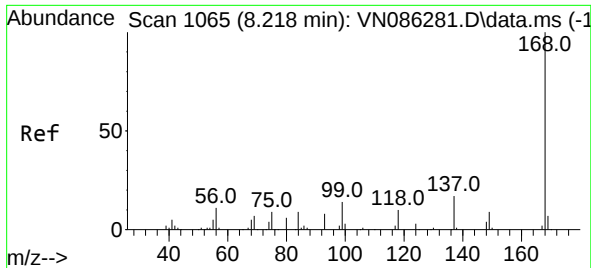
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

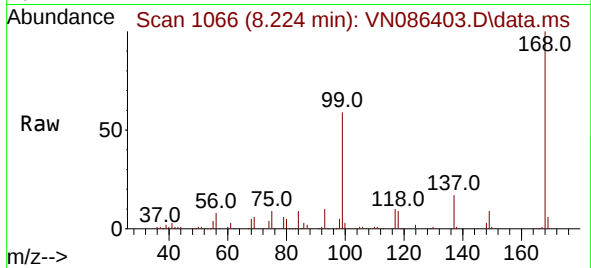
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086403.D
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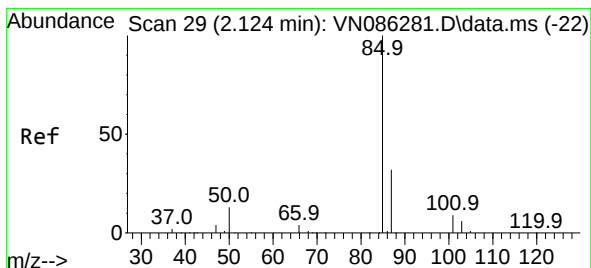
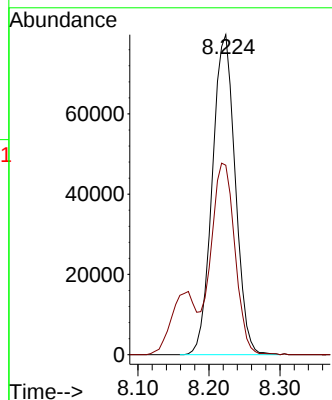
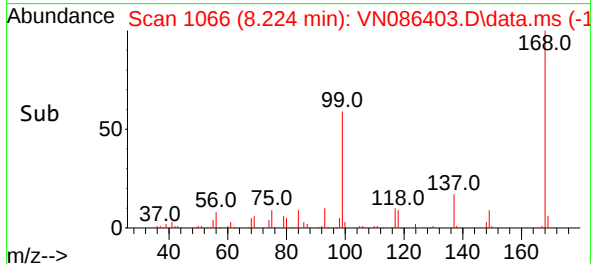
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 17836
Ion Ratio Lower Upper
168 100
99 59.2 52.5 78.7

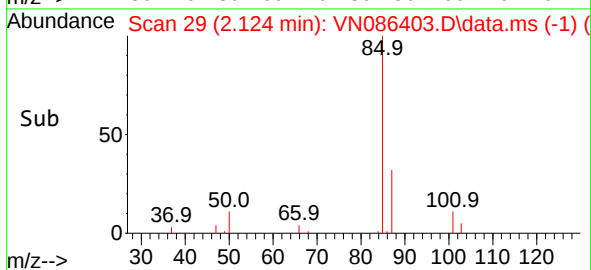
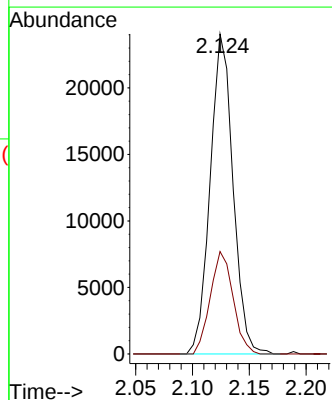
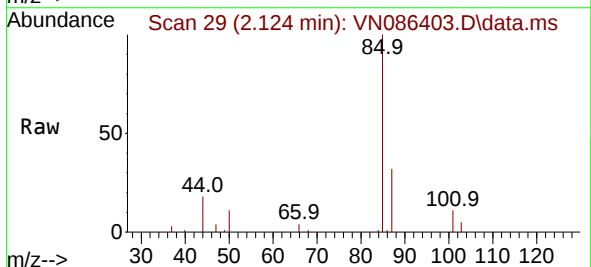
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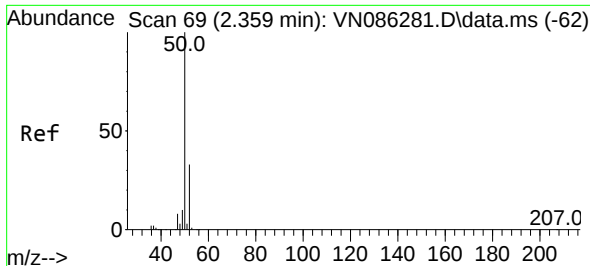
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#2
Dichlorodifluoromethane
Concen: 15.874 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

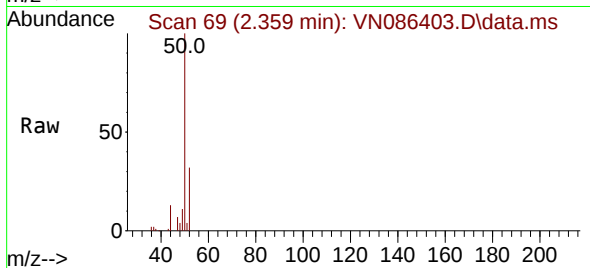
Tgt Ion: 85 Resp: 33565
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.8





#3
Chloromethane
Concen: 15.155 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

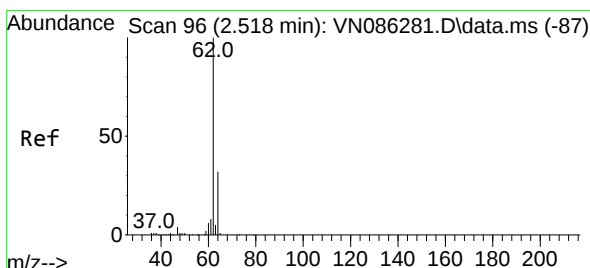
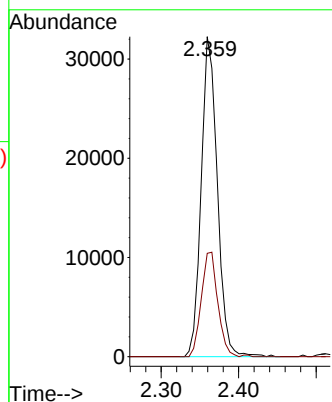
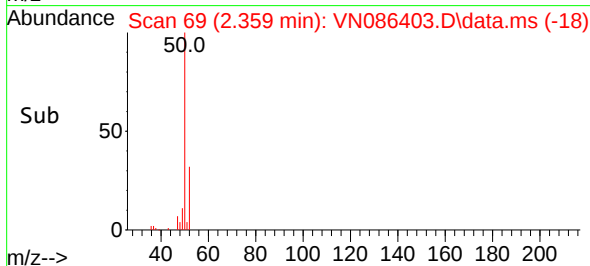
Instrument :
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Tgt Ion: 50 Resp: 4657
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7

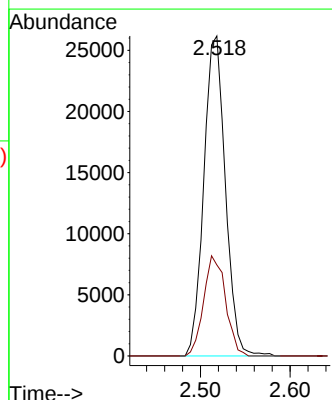
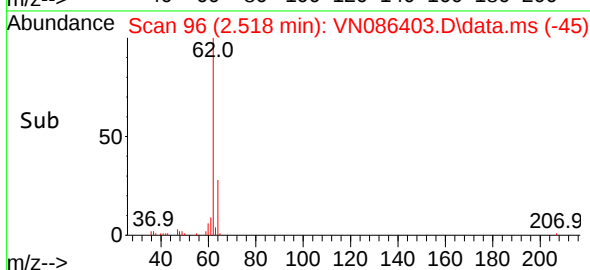
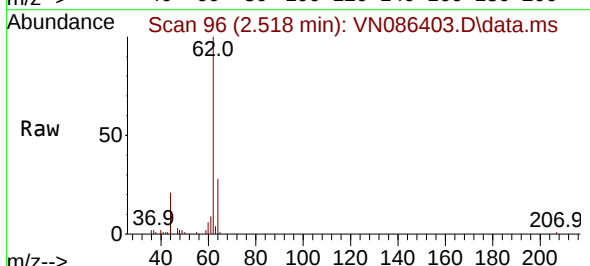
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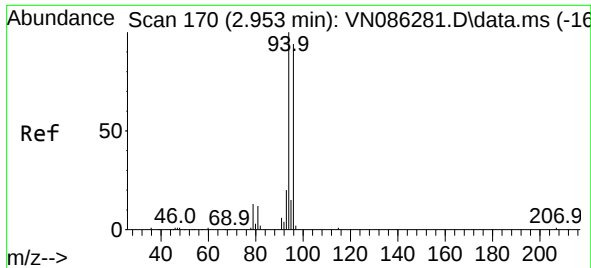
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#4
Vinyl Chloride
Concen: 14.901 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion: 62 Resp: 43697
Ion Ratio Lower Upper
62 100
64 28.5 25.6 38.4





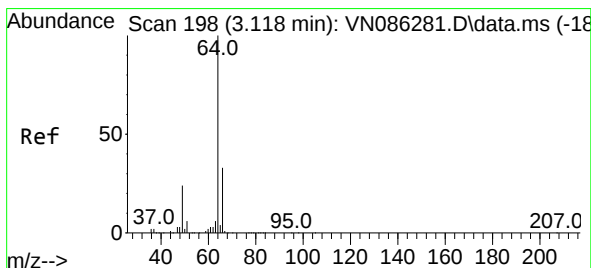
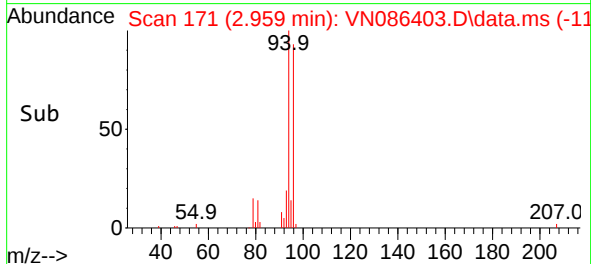
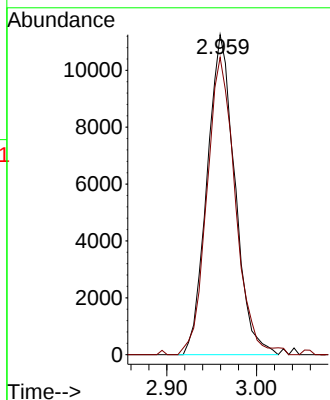
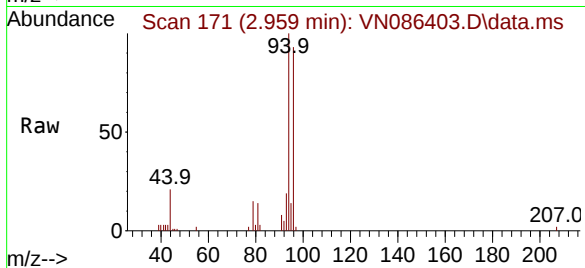
#5
Bromomethane
Concen: 18.354 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086403.D
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Instrument :
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Tgt Ion: 94 Resp: 24210
Ion Ratio Lower Upper
94 100
96 92.9 75.2 112.8

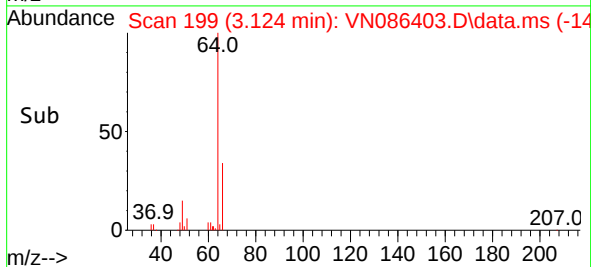
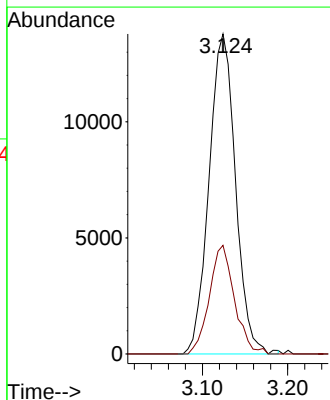
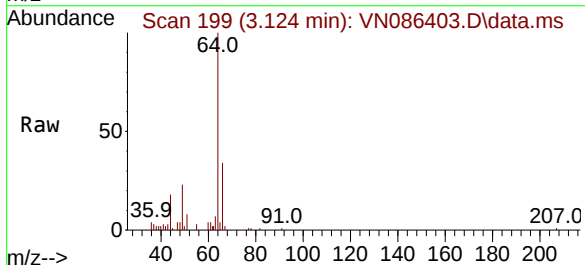
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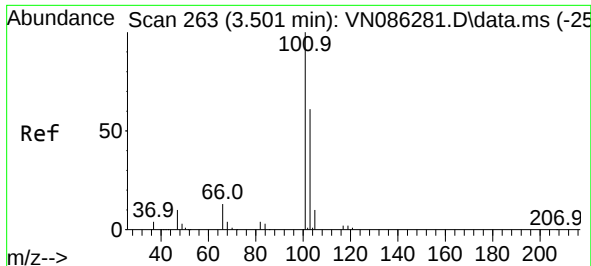
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#6
Chloroethane
Concen: 15.158 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086403.D
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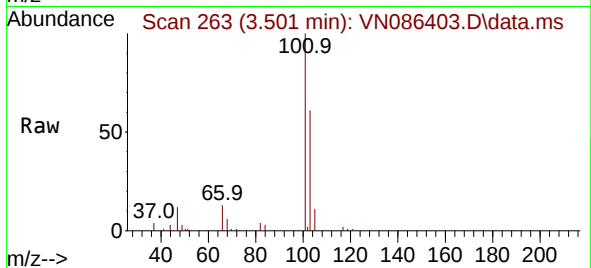
Tgt Ion: 64 Resp: 29750
Ion Ratio Lower Upper
64 100
66 33.9 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 16.260 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086403.D
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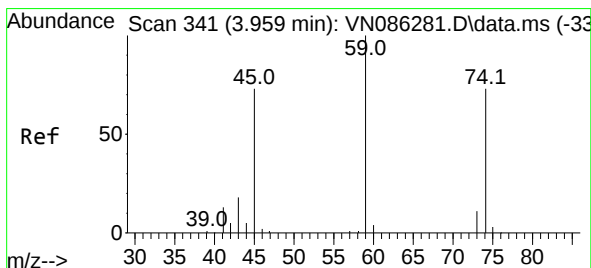
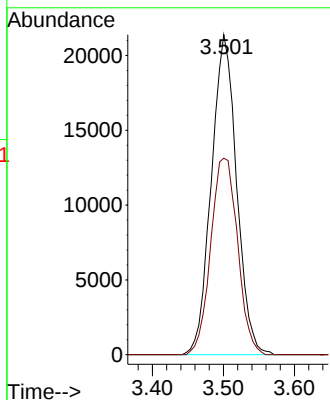
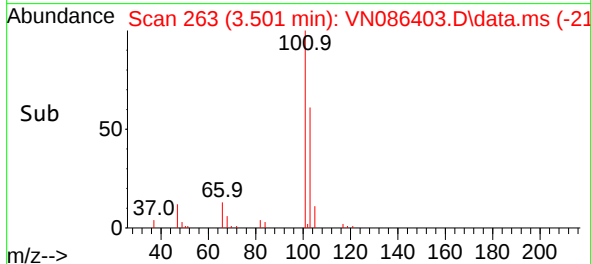
Instrument :
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Tgt Ion: 101 Resp: 52810
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.2 73.8

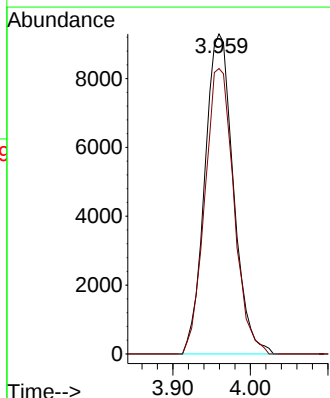
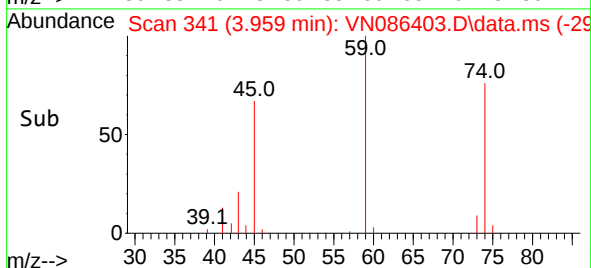
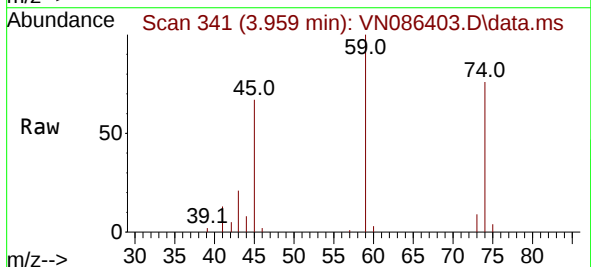
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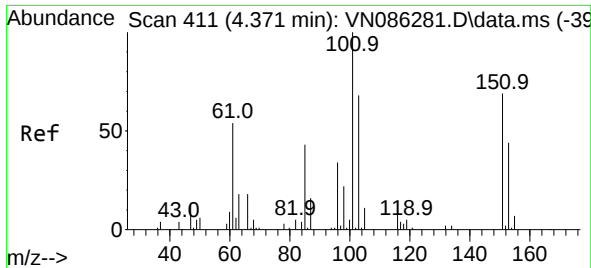
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#8
 Diethyl Ether
 Concen: 16.853 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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 Acq: 28 Apr 2025 11:56

Tgt Ion: 74 Resp: 23899
 Ion Ratio Lower Upper
 74 100
 45 90.4 48.0 144.2





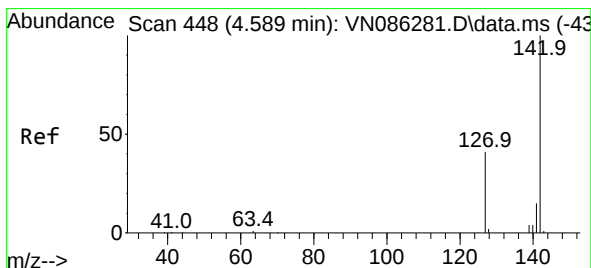
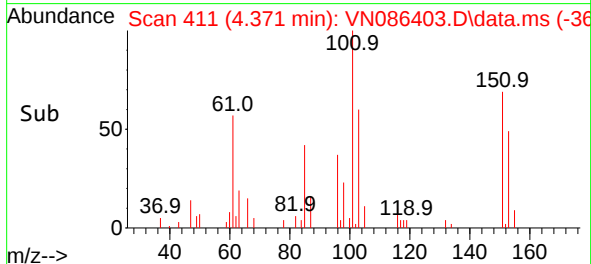
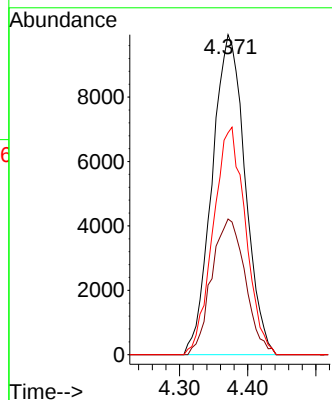
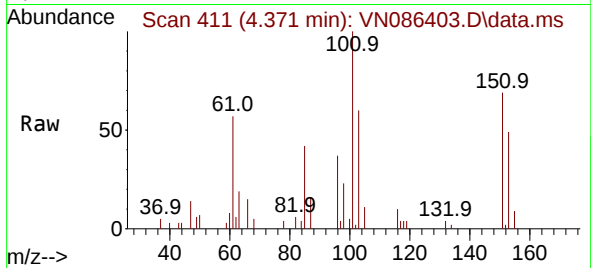
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.049 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:101 Resp: 3350
Ion Ratio Lower Upper
101 100
85 43.1 34.7 52.1
151 69.7 56.1 84.1

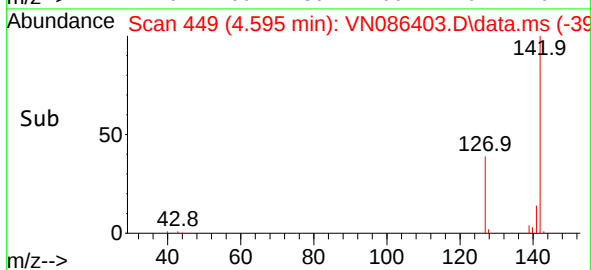
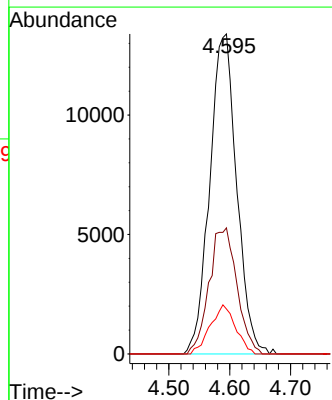
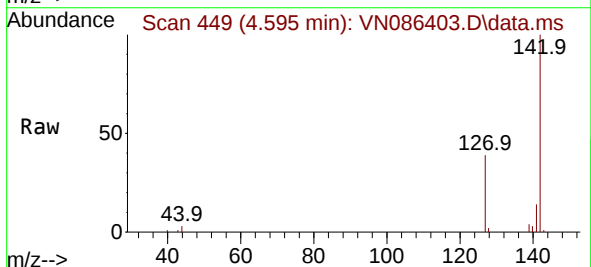
Manual Integrations
APPROVED

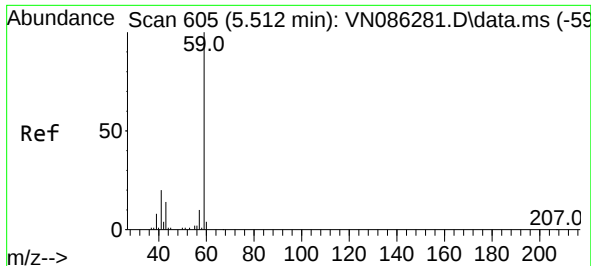
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#10
Methyl Iodide
Concen: 19.092 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion:142 Resp: 41246
Ion Ratio Lower Upper
142 100
127 39.4 32.7 49.1
141 14.0 11.7 17.5





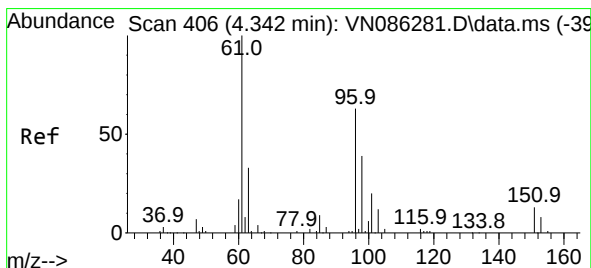
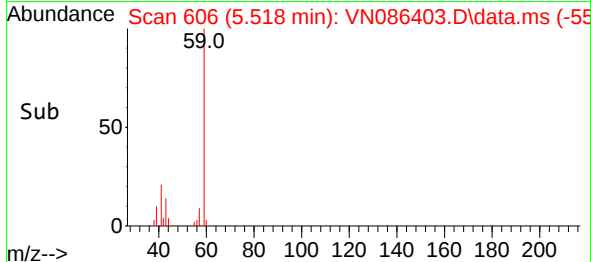
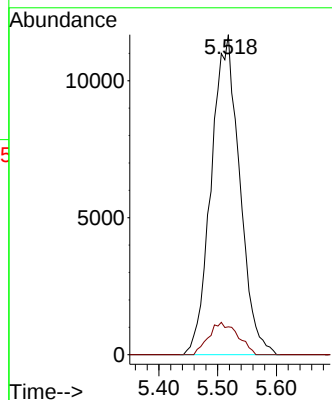
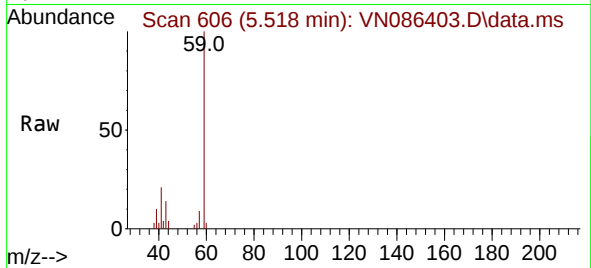
#11
Tert butyl alcohol
Concen: 83.140 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 59 Resp: 39230
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

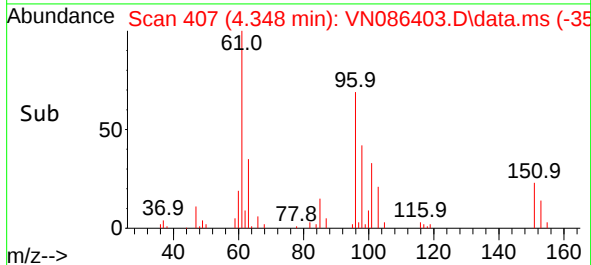
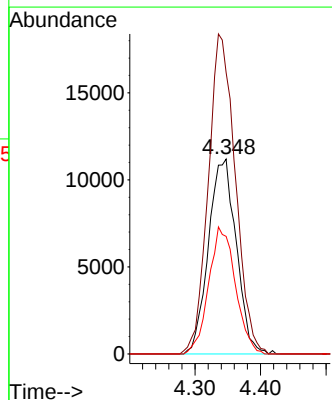
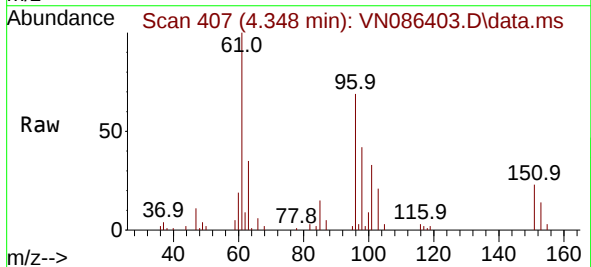
Manual Integrations
APPROVED

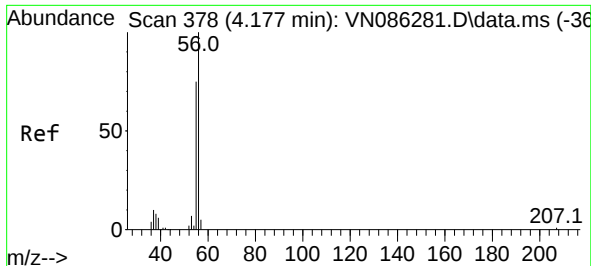
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#12
1,1-Dichloroethene
Concen: 15.737 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

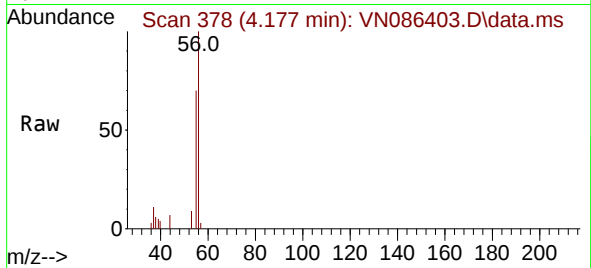
Tgt Ion: 96 Resp: 33037
Ion Ratio Lower Upper
96 100
61 144.4 126.6 189.8
98 60.3 49.6 74.4





#13
Acrolein
Concen: 62.197 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

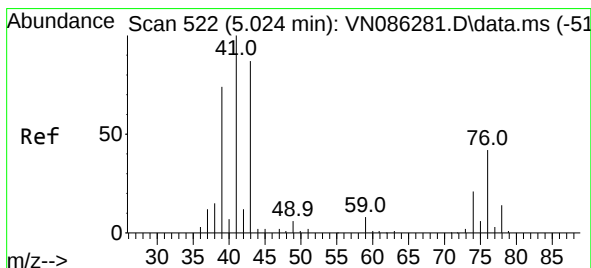
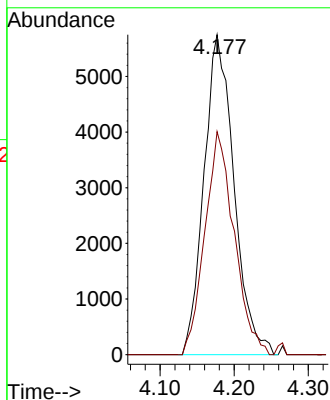
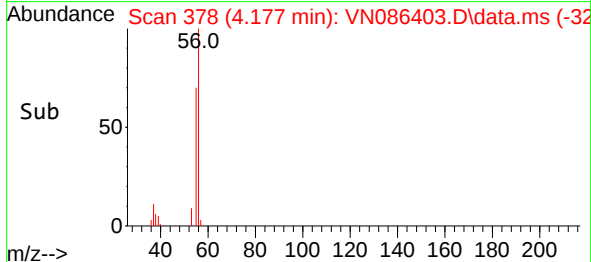
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



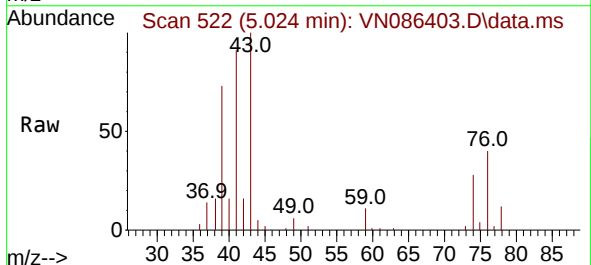
Tgt Ion: 56 Resp: 1618
Ion Ratio Lower Upper
56 100
55 68.3 58.5 87.7

Manual Integrations
APPROVED

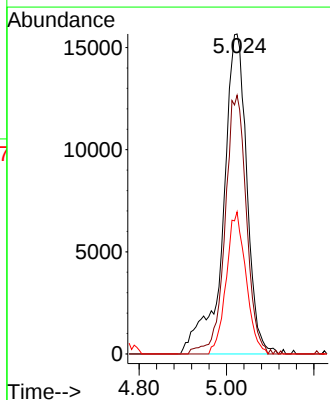
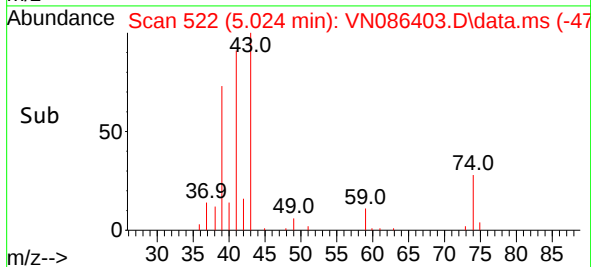
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

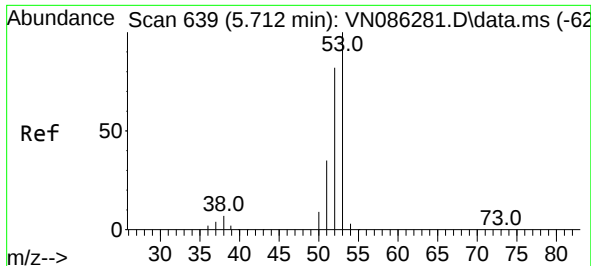


#14
Allyl chloride
Concen: 15.838 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



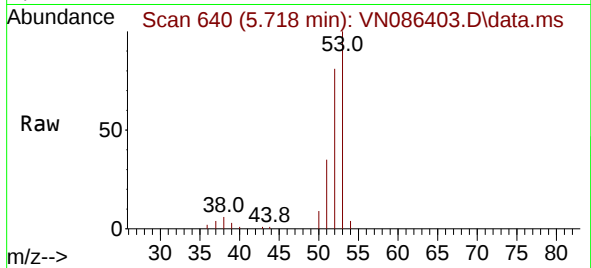
Tgt Ion: 41 Resp: 59109
Ion Ratio Lower Upper
41 100
39 72.7 59.2 88.8
76 36.8 31.2 46.8





#15
Acrylonitrile
Concen: 86.980 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

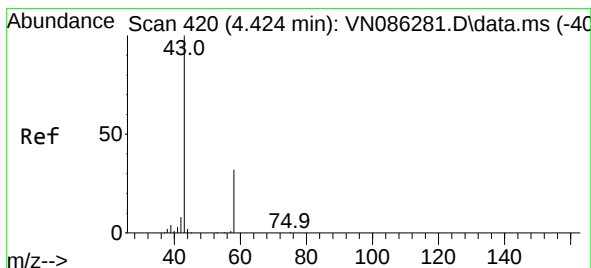
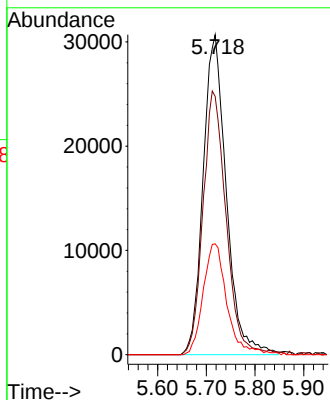
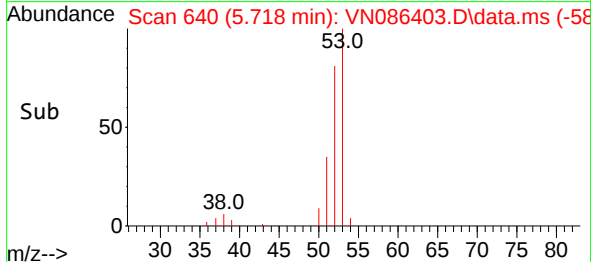
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 53 Resp: 10147
Ion Ratio Lower Upper
53 100
52 81.5 65.5 98.3
51 35.5 28.6 42.8

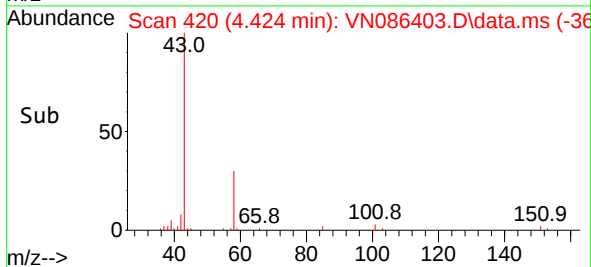
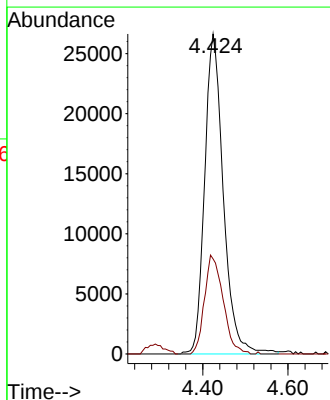
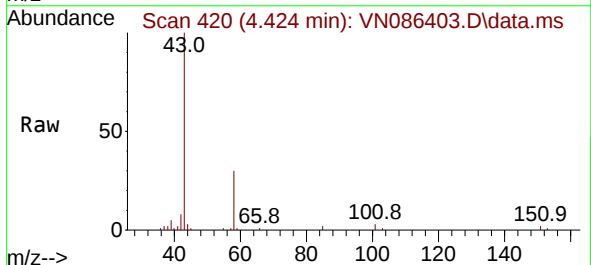
Manual Integrations
APPROVED

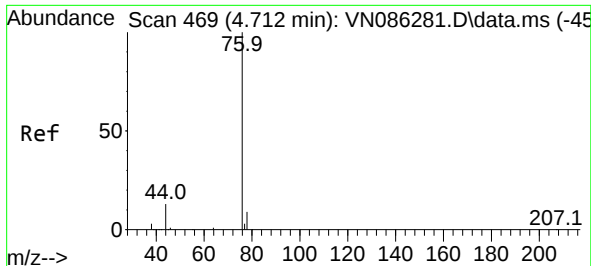
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#16
Acetone
Concen: 86.973 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

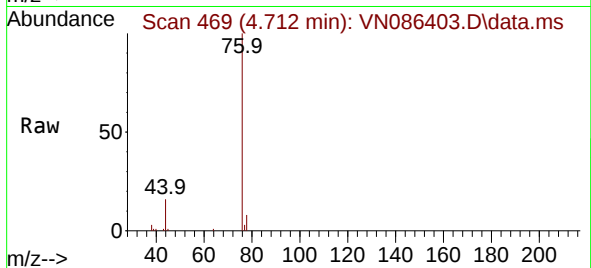
Tgt Ion: 43 Resp: 81104
Ion Ratio Lower Upper
43 100
58 29.7 25.3 37.9





#17
Carbon Disulfide
Concen: 13.280 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

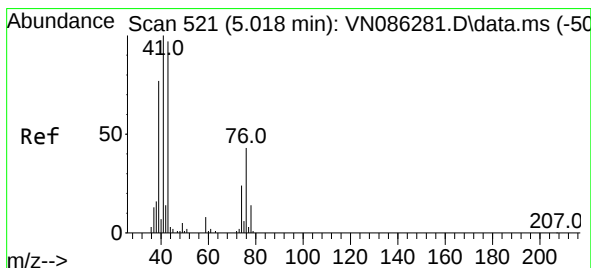
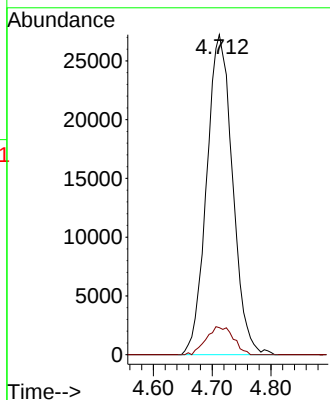
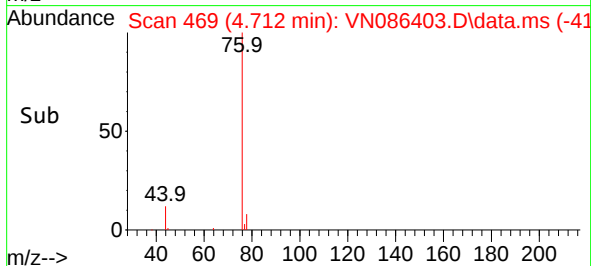
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



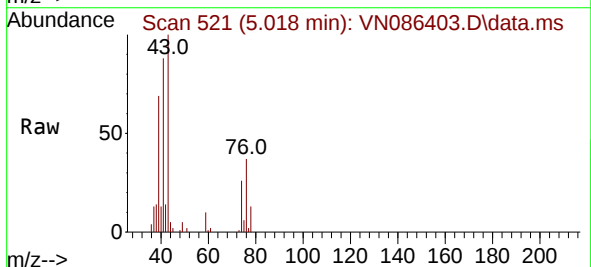
Tgt Ion: 76 Resp: 83475
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

Manual Integrations
APPROVED

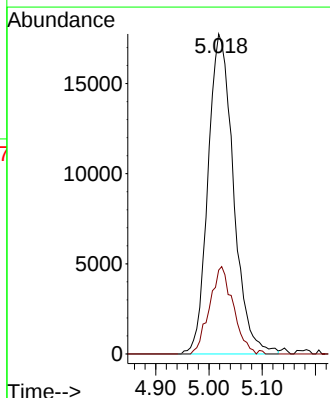
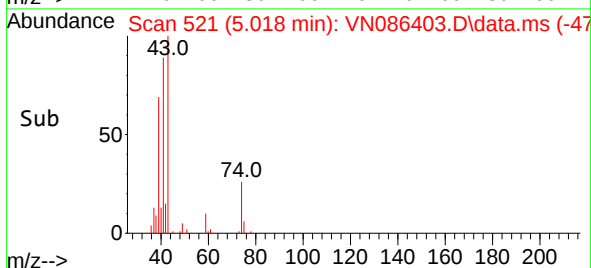
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

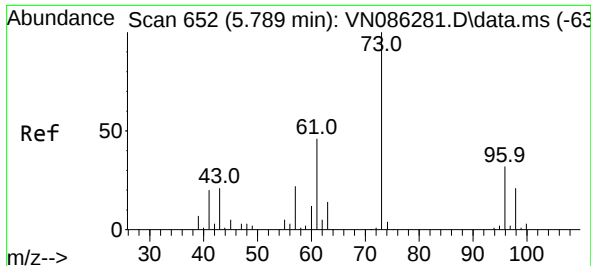


#18
Methyl Acetate
Concen: 18.978 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



Tgt Ion: 43 Resp: 58921
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.6





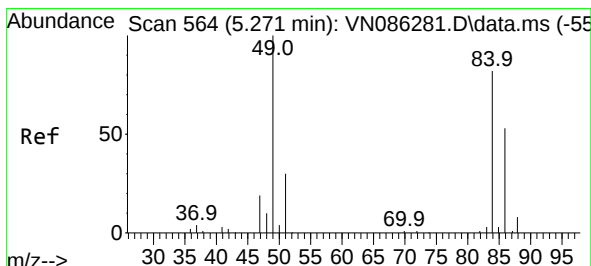
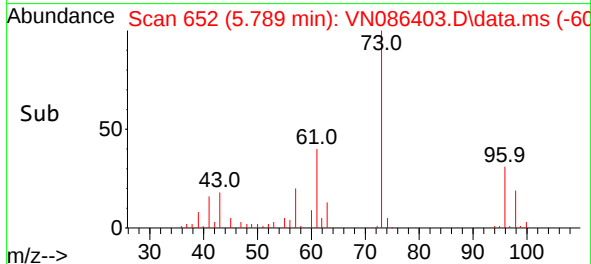
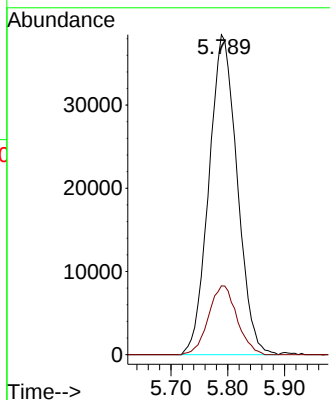
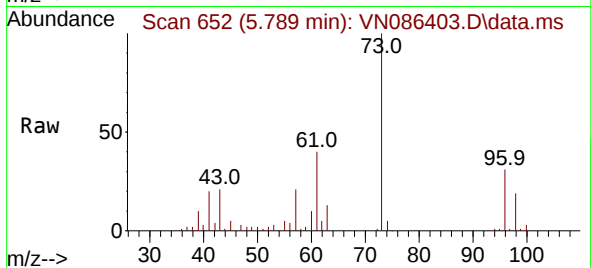
#19
Methyl tert-butyl Ether
Concen: 17.230 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 73 Resp: 13296
Ion Ratio Lower Upper
73 100
57 21.5 17.6 26.4

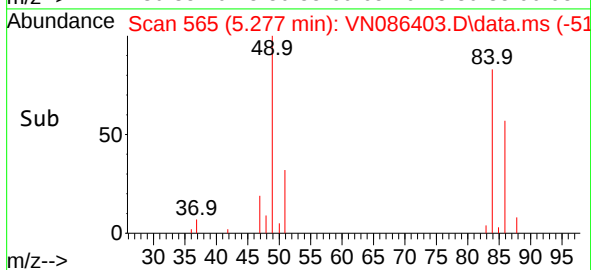
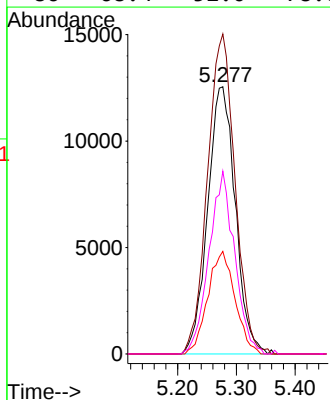
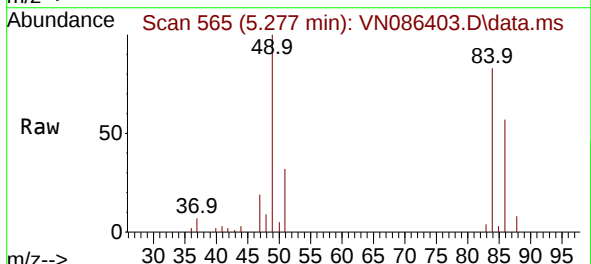
Manual Integrations
APPROVED

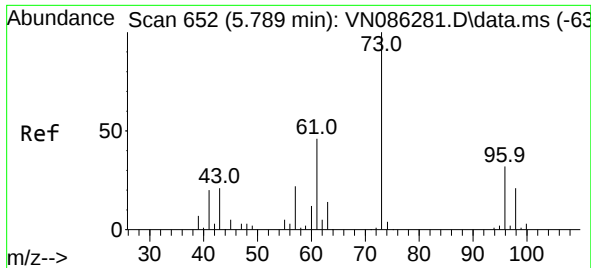
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#20
Methylene Chloride
Concen: 17.160 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

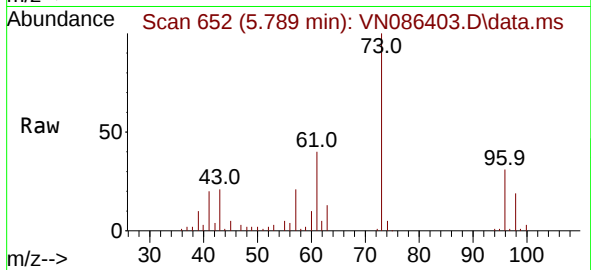
Tgt Ion: 84 Resp: 41032
Ion Ratio Lower Upper
84 100
49 119.8 98.2 147.2
51 38.4 29.8 44.6
86 68.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 16.013 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

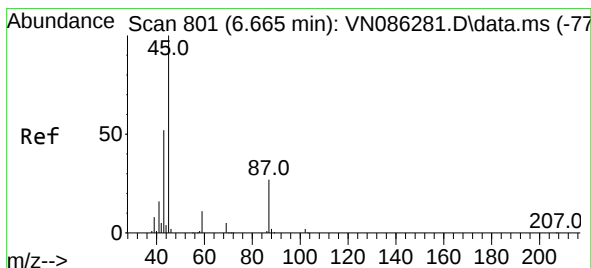
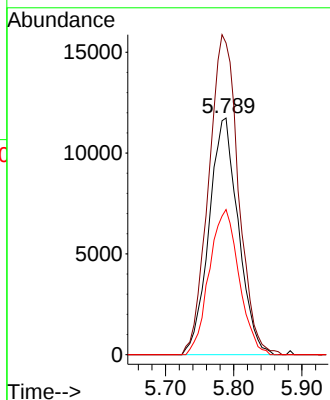
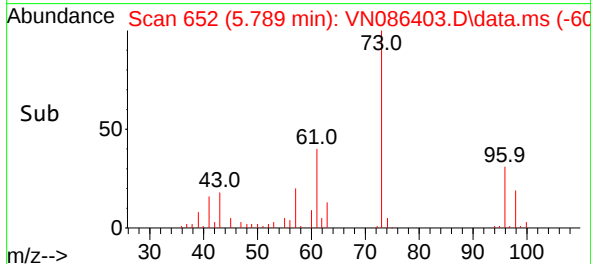
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 96 Resp: 35140
Ion Ratio Lower Upper
96 100
61 131.7 114.6 171.8
98 61.4 51.2 76.8

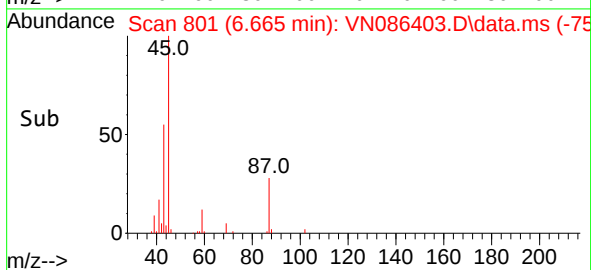
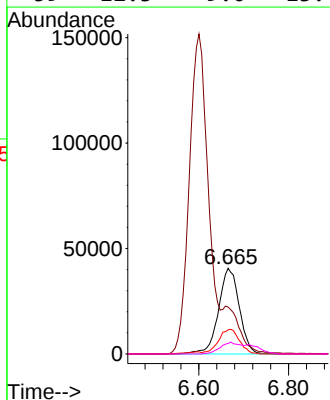
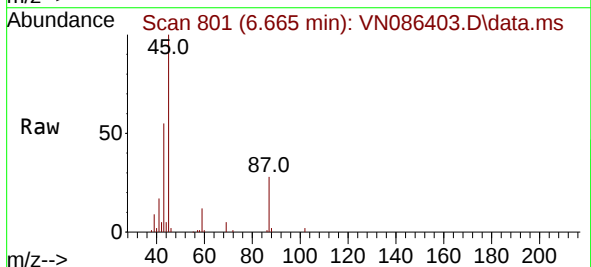
Manual Integrations
APPROVED

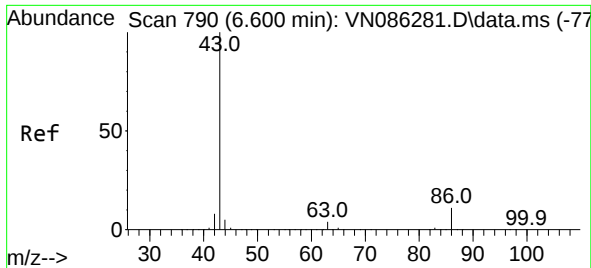
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#22
Diisopropyl ether
Concen: 16.152 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion: 45 Resp: 131126
Ion Ratio Lower Upper
45 100
43 53.4 41.8 62.8
87 28.3 21.6 32.4
59 12.3 9.0 13.4





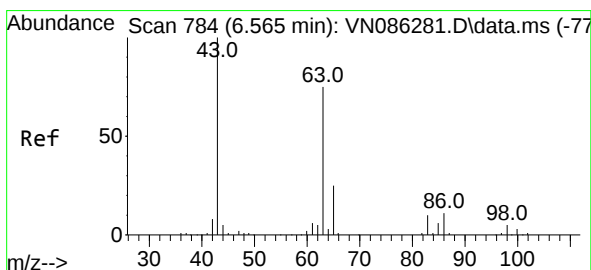
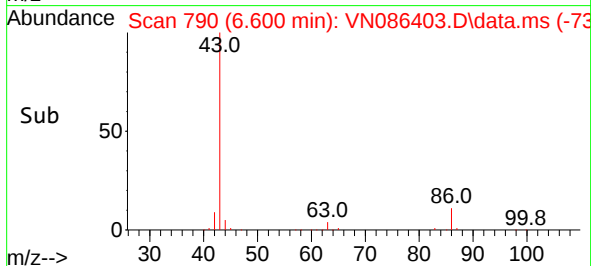
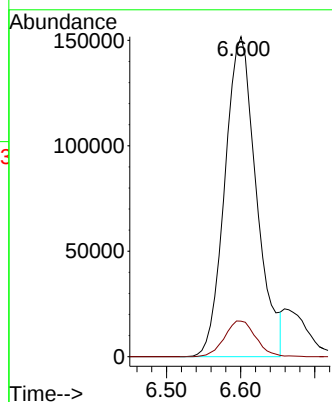
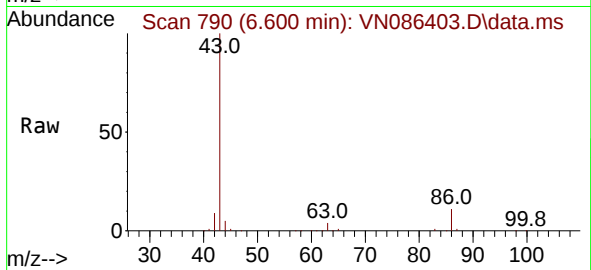
#23
 Vinyl Acetate
 Concen: 79.088 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086403.D
 Acq: 28 Apr 2025 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBSD01

Tgt Ion: 43 Resp: 44884
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0

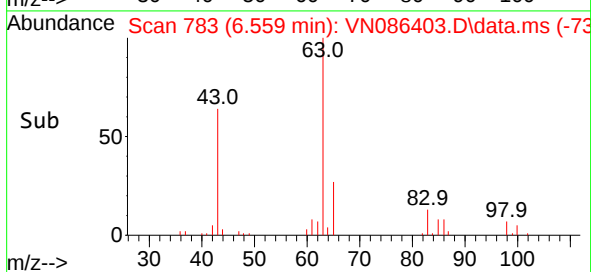
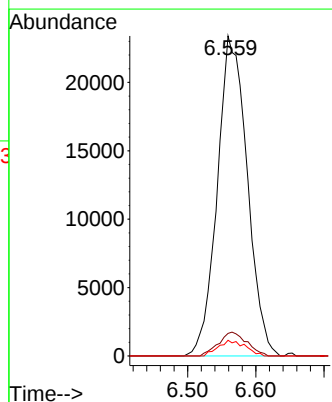
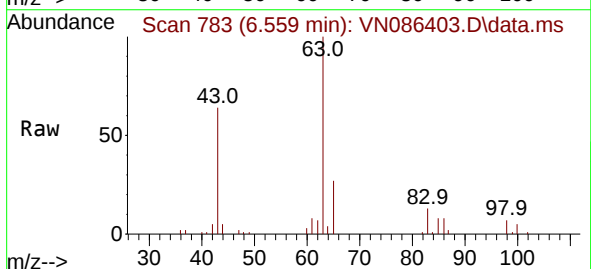
Manual Integrations
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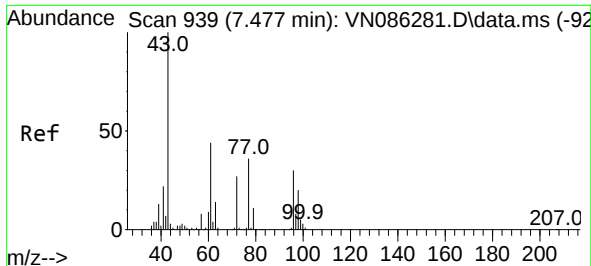
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#24
 1,1-Dichloroethane
 Concen: 16.679 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN086403.D
 Acq: 28 Apr 2025 11:56

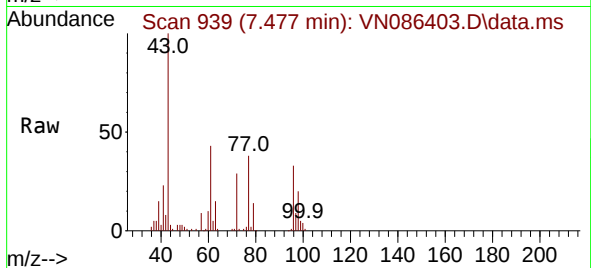
Tgt Ion: 63 Resp: 71446
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.9 2.1 6.5





#25
2-Butanone
Concen: 81.814 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

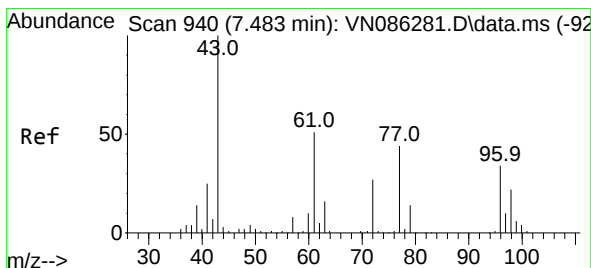
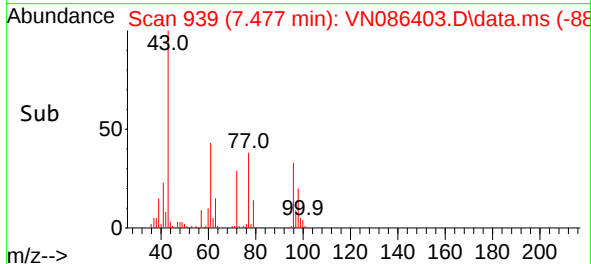
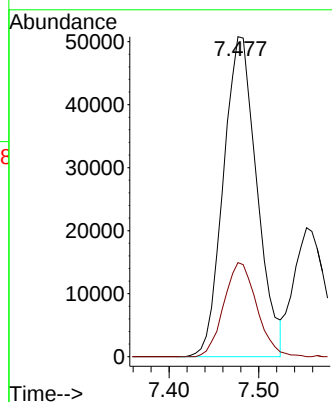
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 43 Resp: 13171
Ion Ratio Lower Upper
43 100
72 29.4 21.7 32.5

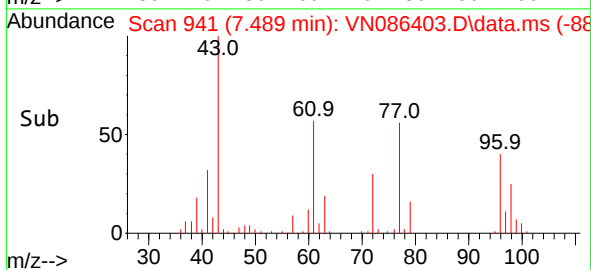
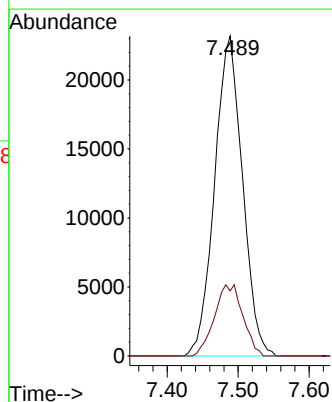
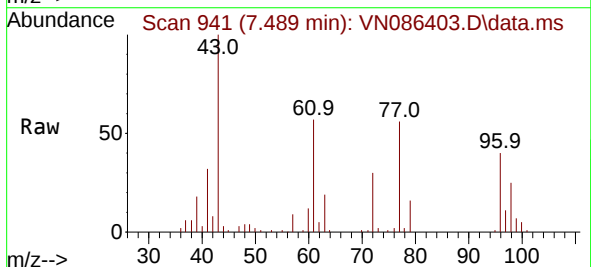
Manual Integrations
APPROVED

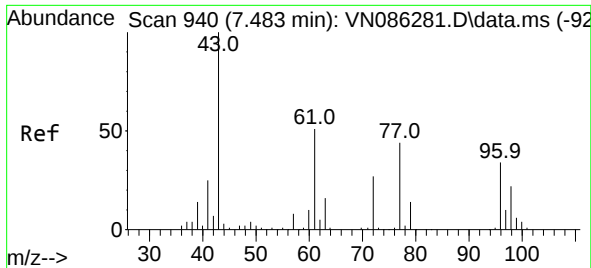
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#26
2,2-Dichloropropane
Concen: 16.444 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

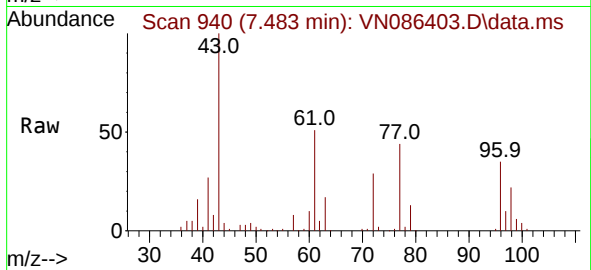
Tgt Ion: 77 Resp: 63069
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 16.987 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086403.D
 Acq: 28 Apr 2025 11:56

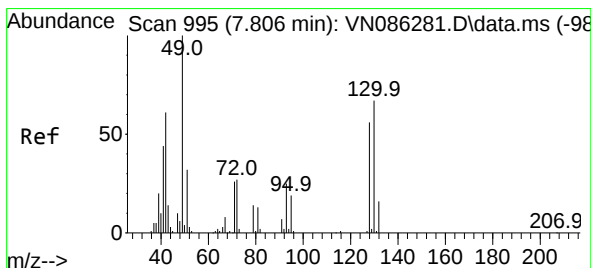
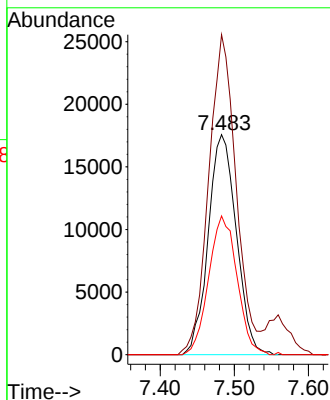
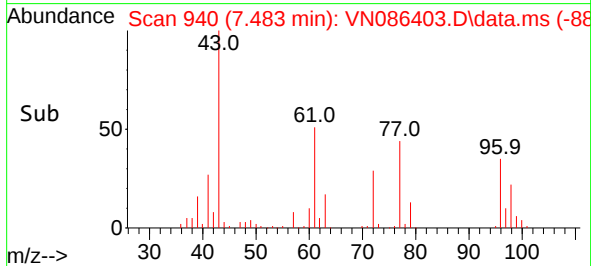
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBSD01



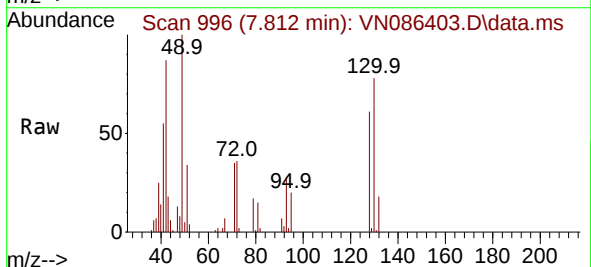
Tgt Ion: 96 Resp: 46275
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 299.0
 98 63.6 0.0 129.6

Manual Integrations
 APPROVED

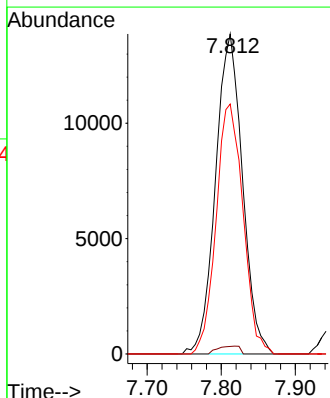
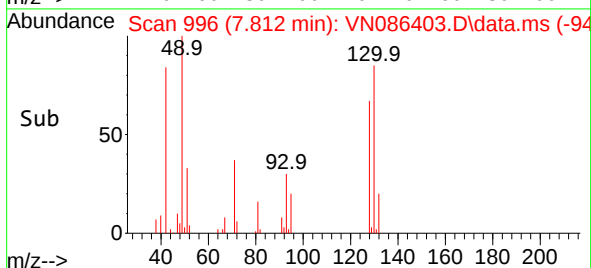
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025

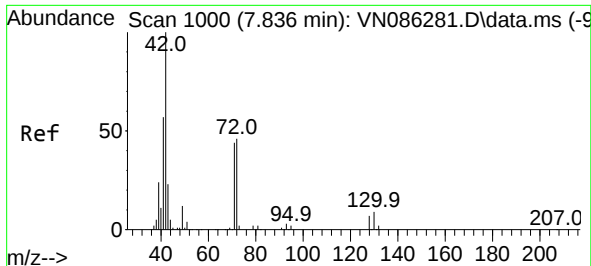


#28
 Bromochloromethane
 Concen: 19.271 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086403.D
 Acq: 28 Apr 2025 11:56



Tgt Ion: 49 Resp: 35001
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.4
 130 78.0 57.1 85.7





#29

Tetrahydrofuran

Concen: 80.784 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

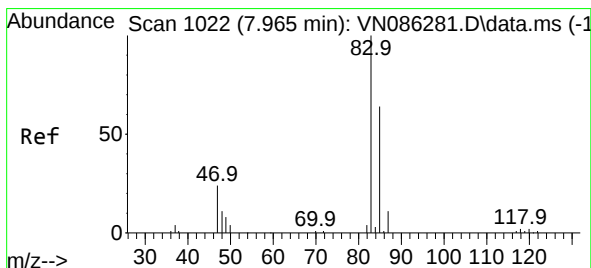
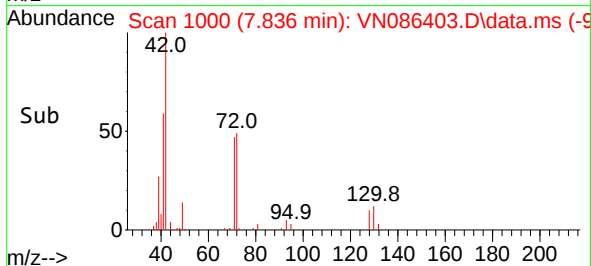
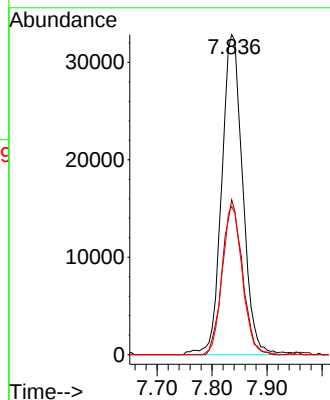
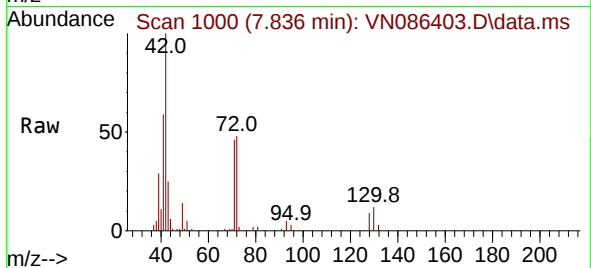
Tgt Ion:	42	Resp:	8697
Ion Ratio	Lower	Upper	
42	100		
72	46.3	36.2	54.4
71	44.4	34.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#30

Chloroform

Concen: 17.400 ug/l

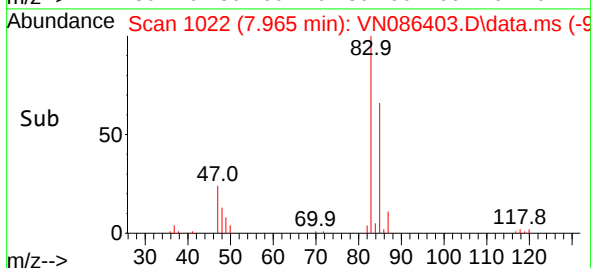
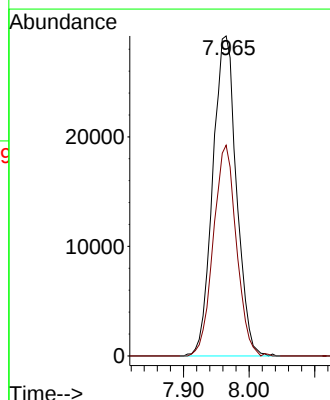
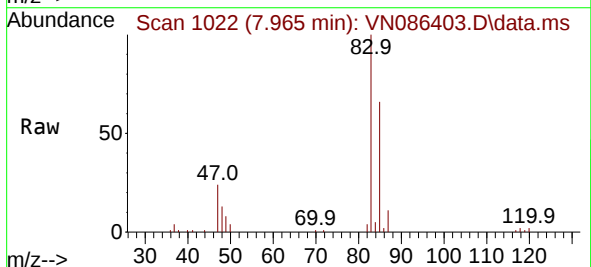
RT: 7.965 min Scan# 1022

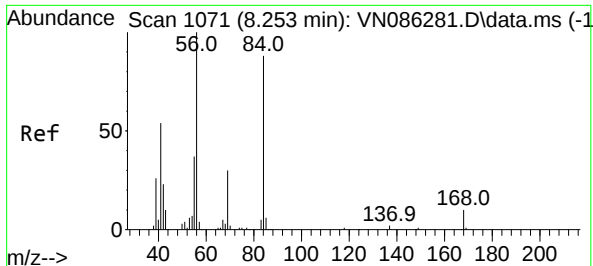
Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

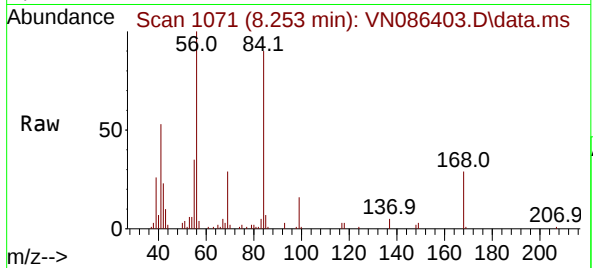
Tgt Ion:	83	Resp:	73218
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.5	77.3





#31
Cyclohexane
Concen: 15.246 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

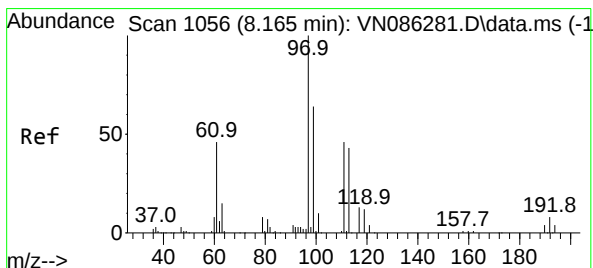
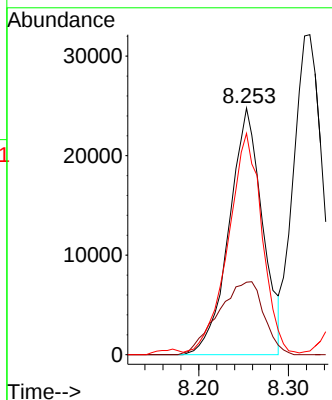
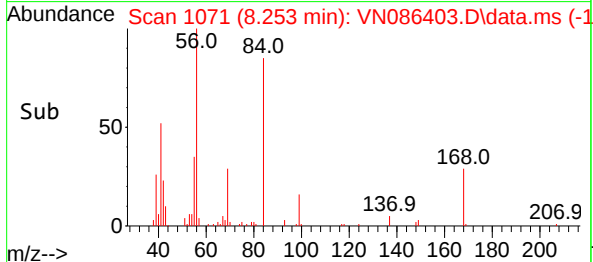
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 56 Resp: 63904
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.2
84 88.1 70.3 105.5

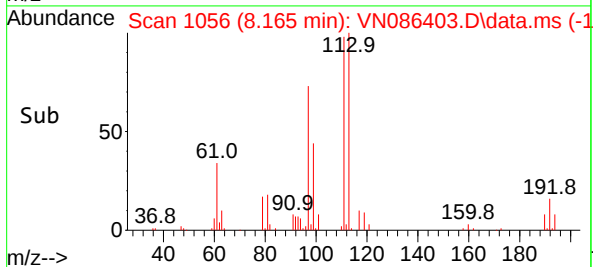
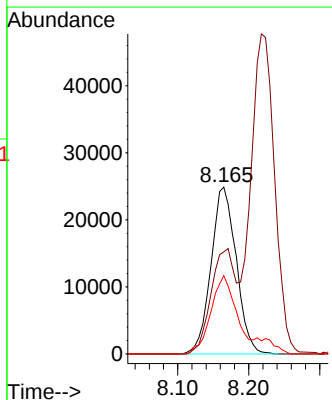
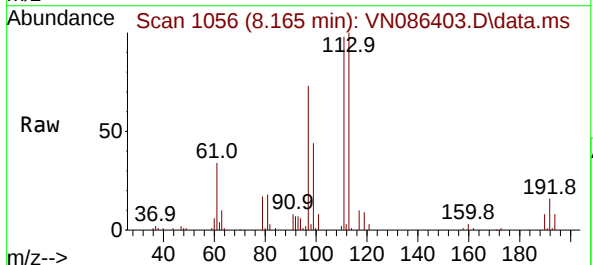
Manual Integrations
APPROVED

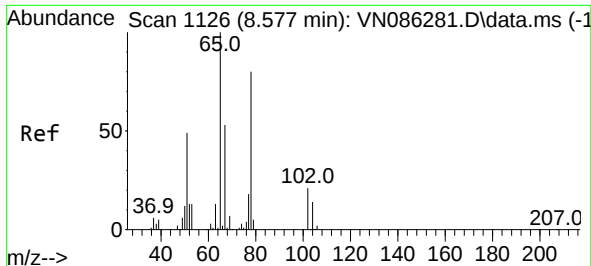
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#32
1,1,1-Trichloroethane
Concen: 16.991 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion: 97 Resp: 61163
Ion Ratio Lower Upper
97 100
99 59.4 52.7 79.1
61 47.9 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 48.737 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

Tgt Ion: 65 Resp: 12605

Ion Ratio Lower Upper

65 100

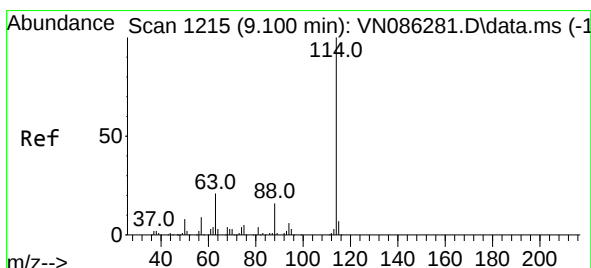
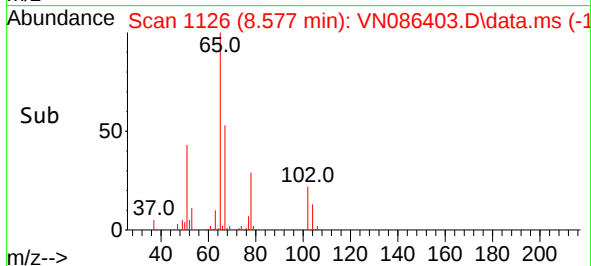
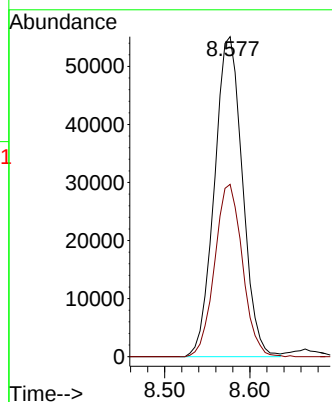
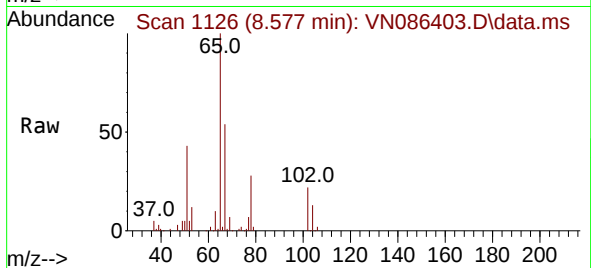
67 53.2 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

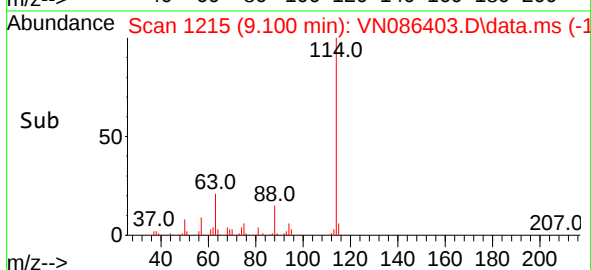
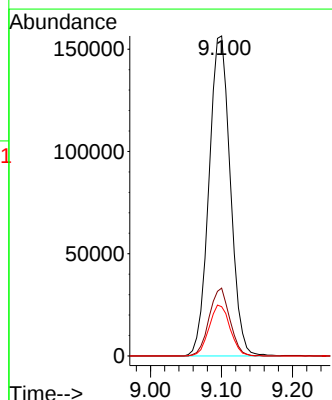
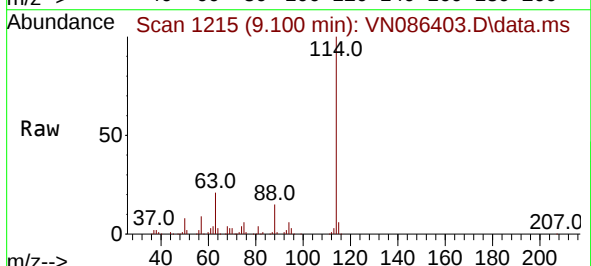
Tgt Ion:114 Resp: 326083

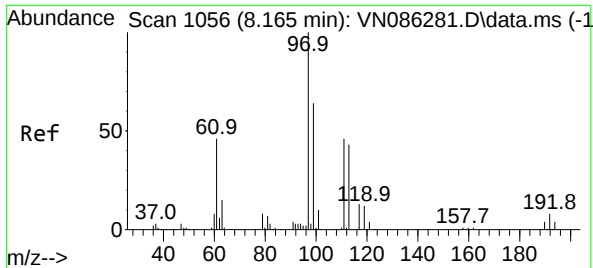
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

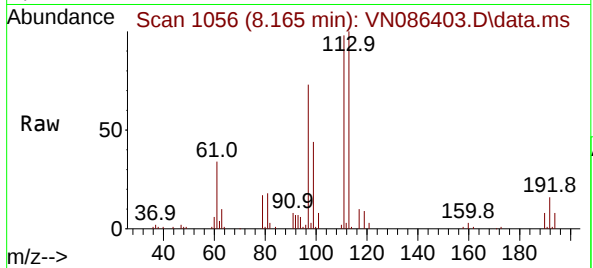
88 15.4 0.0 31.8





#35
Dibromofluoromethane
Concen: 52.982 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

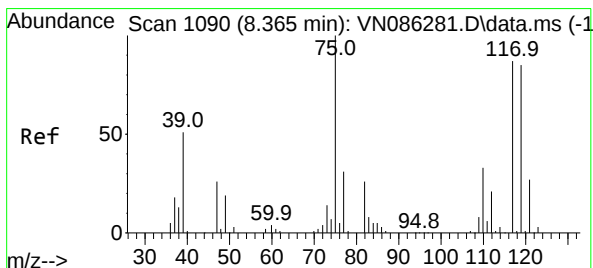
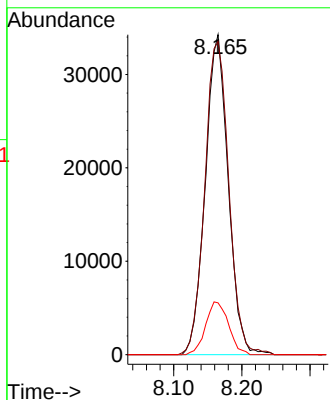
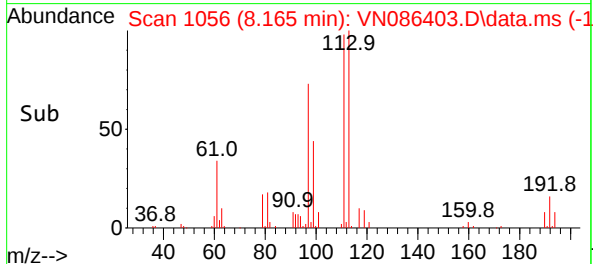
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



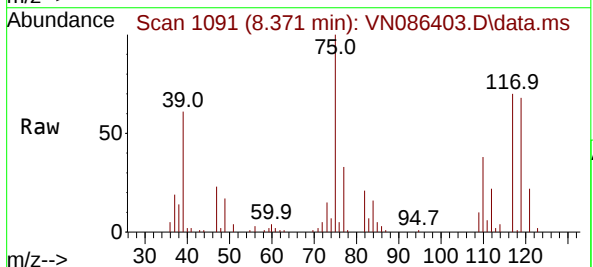
Tgt Ion:113 Resp: 8018
Ion Ratio Lower Upper
113 100
111 102.6 83.4 125.0
192 16.5 13.7 20.5

Manual Integrations
APPROVED

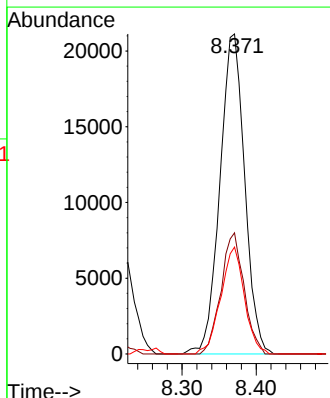
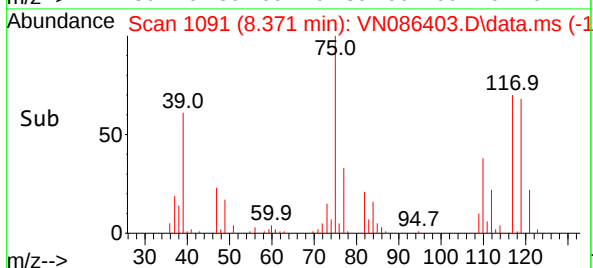
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

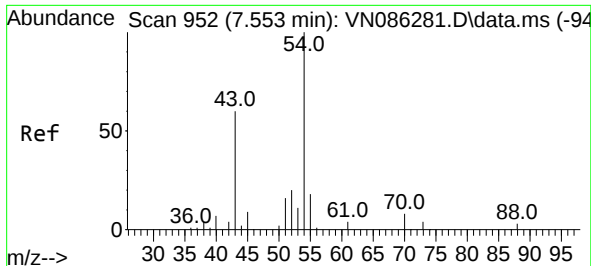


#36
1,1-Dichloropropene
Concen: 16.222 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



Tgt Ion: 75 Resp: 49034
Ion Ratio Lower Upper
75 100
110 35.3 16.8 50.4
77 31.8 24.9 37.3





#37

Ethyl Acetate

Concen: 16.249 ug/l

RT: 7.553 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

Tgt Ion: 43 Resp: 5171

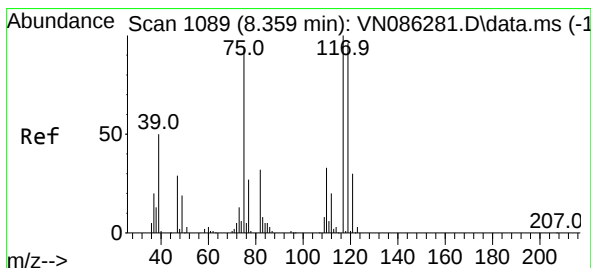
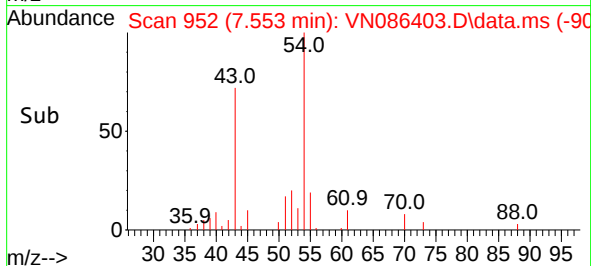
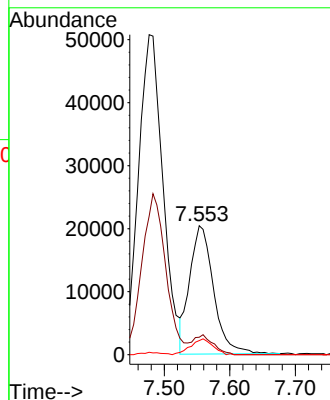
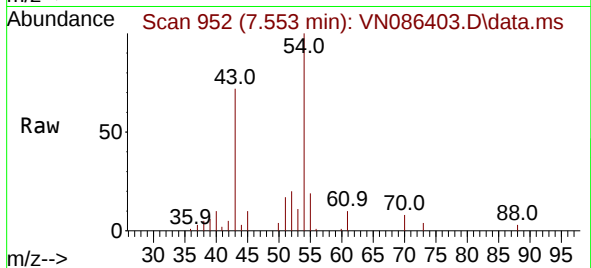
Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.1	16.7
70	11.4	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#38

Carbon Tetrachloride

Concen: 17.159 ug/l

RT: 8.359 min Scan# 1089

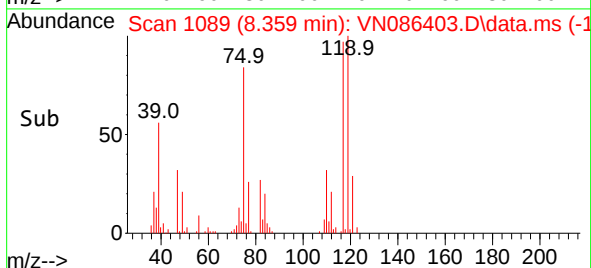
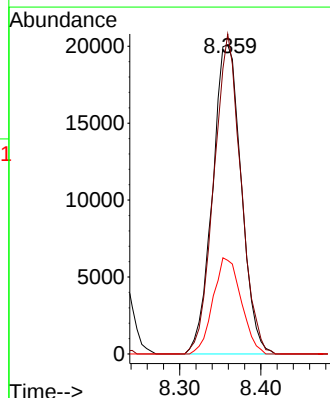
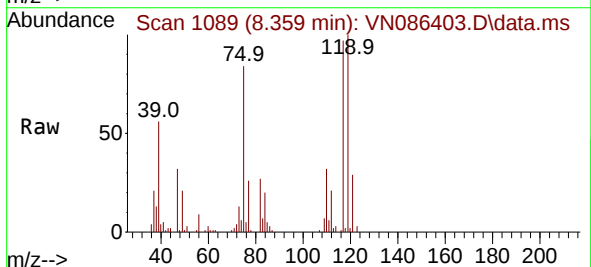
Delta R.T. 0.000 min

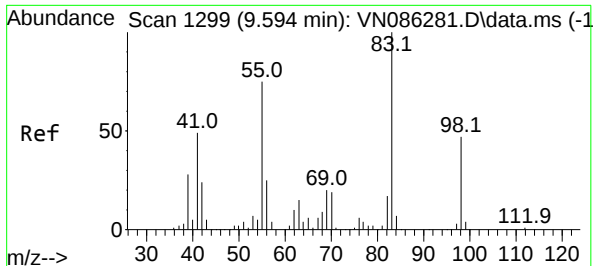
Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

Tgt Ion:117 Resp: 49394

Ion	Ratio	Lower	Upper
117	100		
119	103.5	76.8	115.2
121	30.3	23.8	35.8





#39

Methylcyclohexane

Concen: 15.580 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

Tgt Ion: 83 Resp: 55970

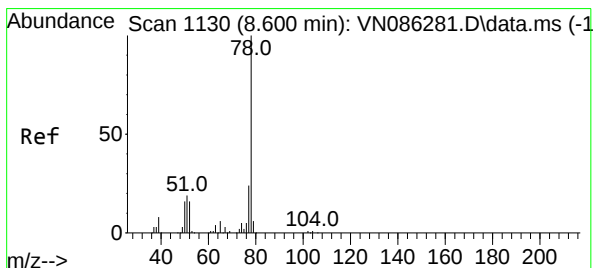
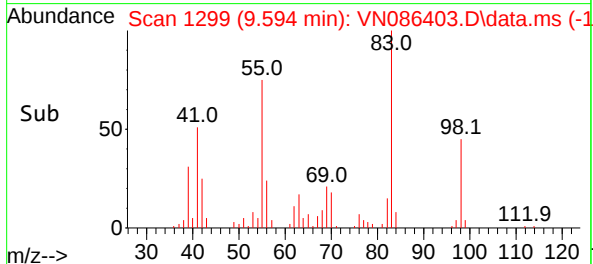
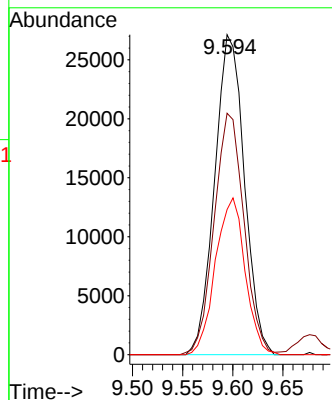
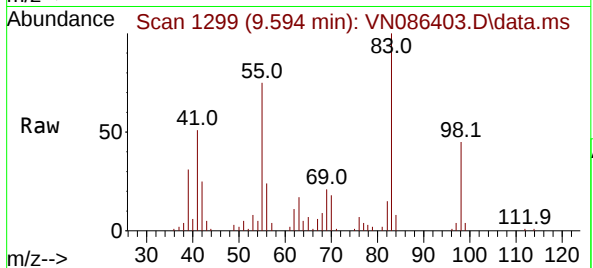
Ion	Ratio	Lower	Upper
83	100		
55	75.4	59.8	89.8
98	45.4	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#40

Benzene

Concen: 17.083 ug/l

RT: 8.600 min Scan# 1130

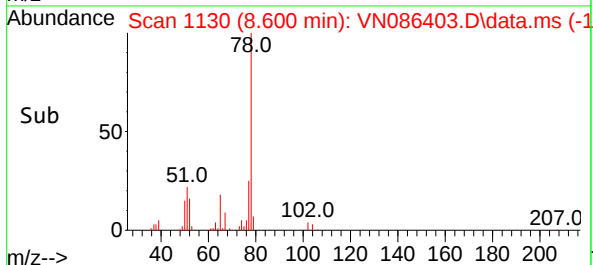
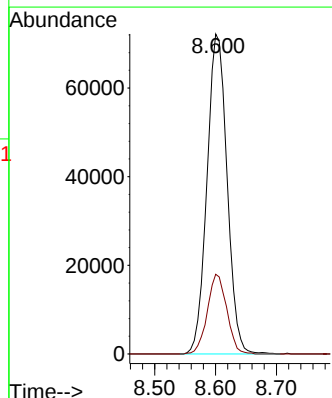
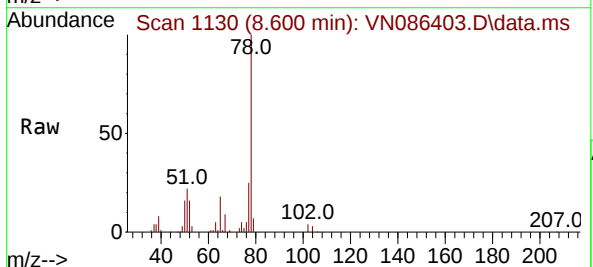
Delta R.T. 0.000 min

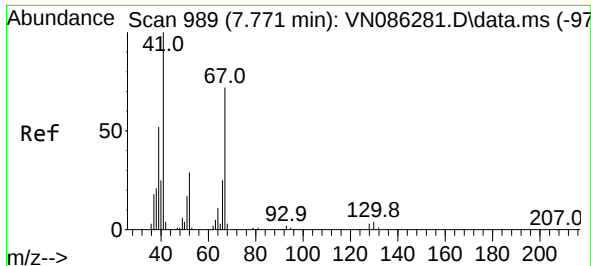
Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

Tgt Ion: 78 Resp: 165449

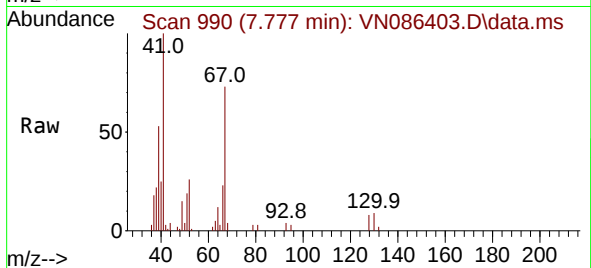
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.2





#41
Methacrylonitrile
Concen: 17.684 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

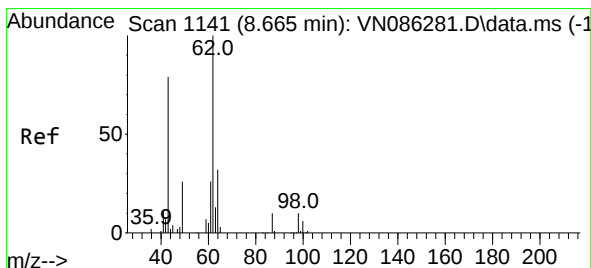
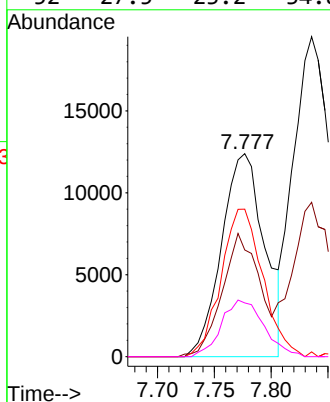
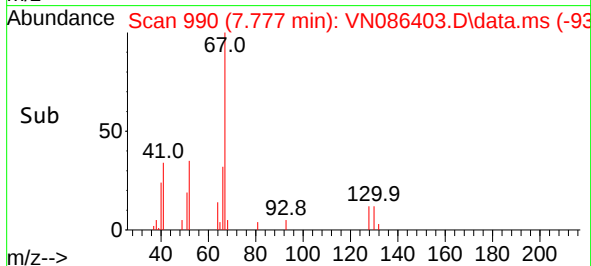
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 41 Resp: 3261
Ion Ratio Lower Upper
41 100
39 52.6 43.0 64.4
67 70.2 58.8 88.2
52 27.5 23.2 34.8

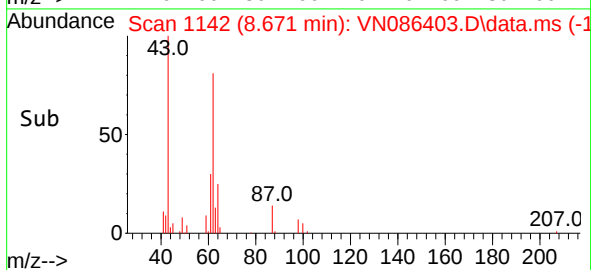
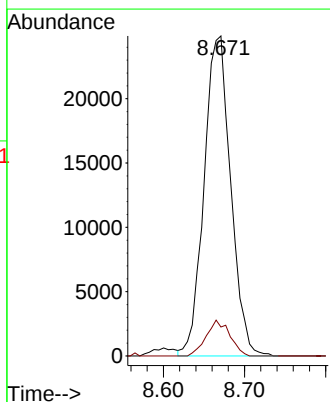
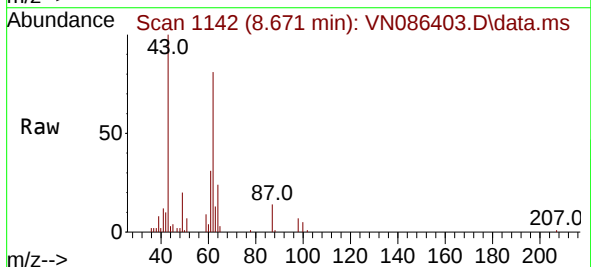
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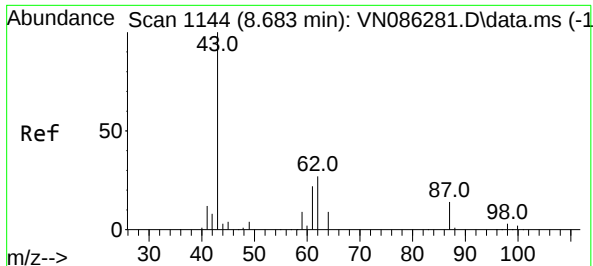
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#42
1,2-Dichloroethane
Concen: 18.350 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

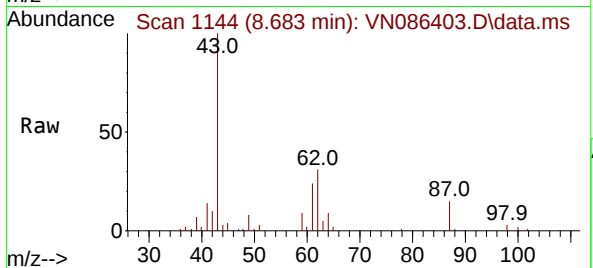
Tgt Ion: 62 Resp: 56672
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 16.052 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

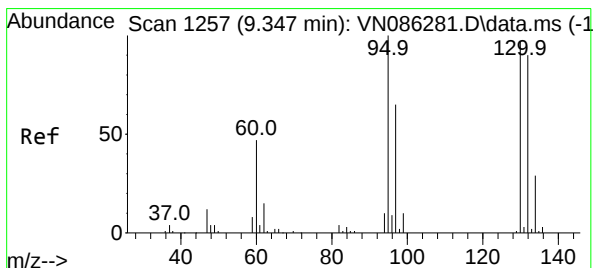
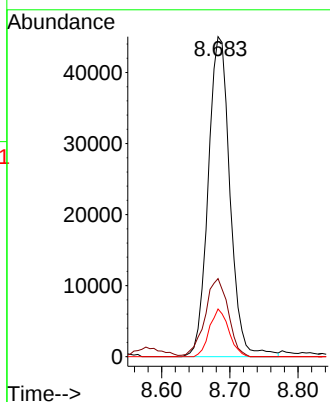
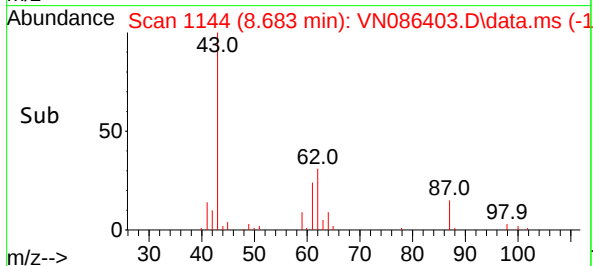
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



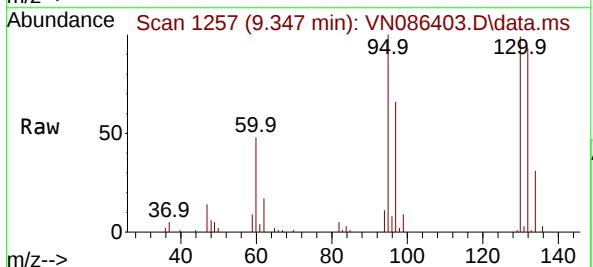
Tgt Ion: 43 Resp: 100320
Ion Ratio Lower Upper
43 100
61 26.0 20.5 30.7
87 13.2 10.5 15.7

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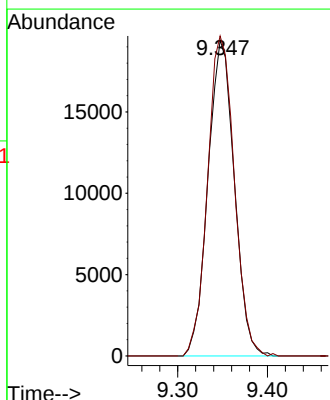
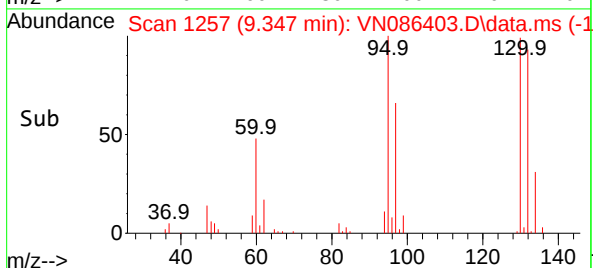
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

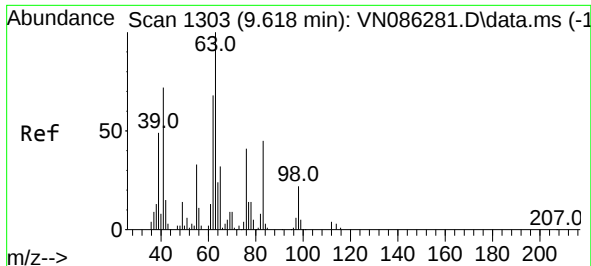


#44
Trichloroethene
Concen: 17.213 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



Tgt Ion:130 Resp: 39511
Ion Ratio Lower Upper
130 100
95 101.3 0.0 207.2





#45

1,2-Dichloropropane

Concen: 17.404 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

Tgt Ion: 63 Resp: 41260

Ion Ratio Lower Upper

63 100

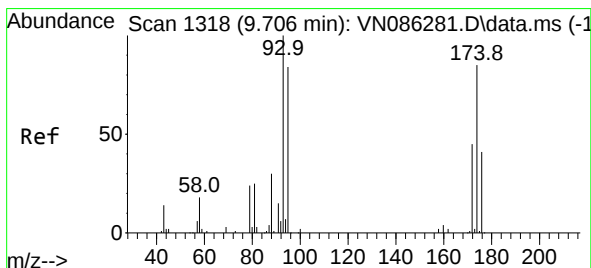
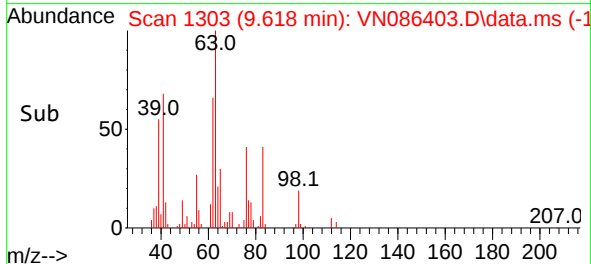
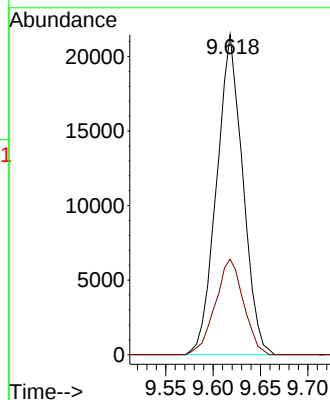
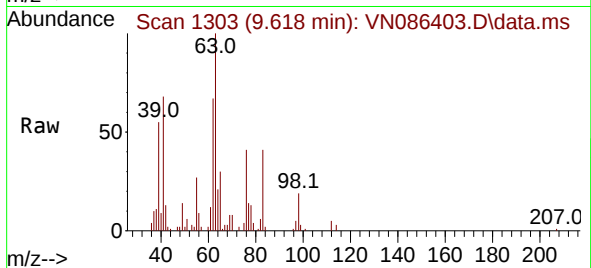
65 29.8 25.4 38.2

Manual Integrations

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Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#46

Dibromomethane

Concen: 18.818 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

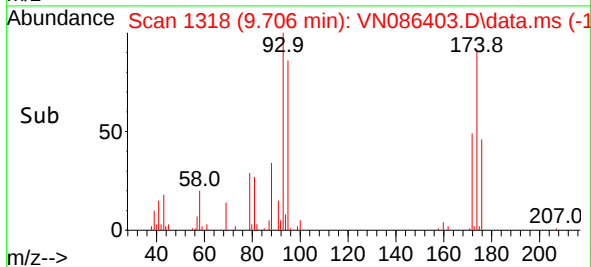
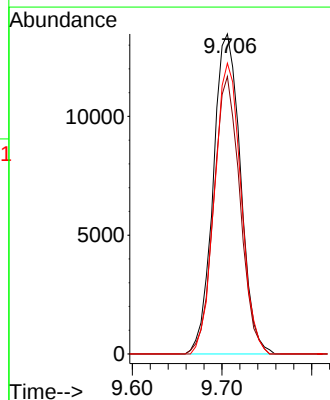
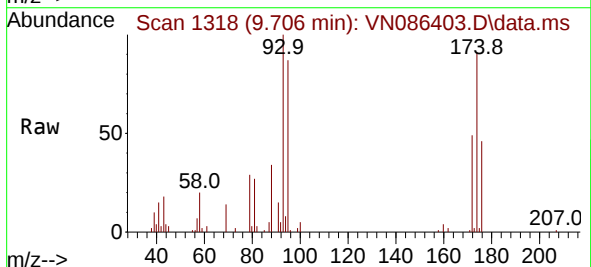
Tgt Ion: 93 Resp: 28424

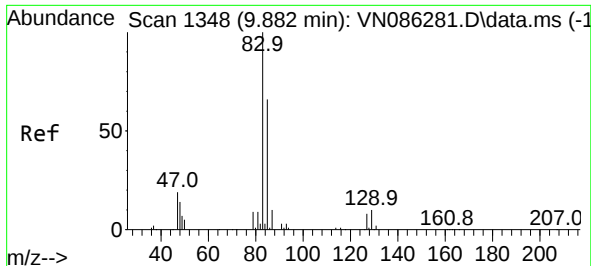
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

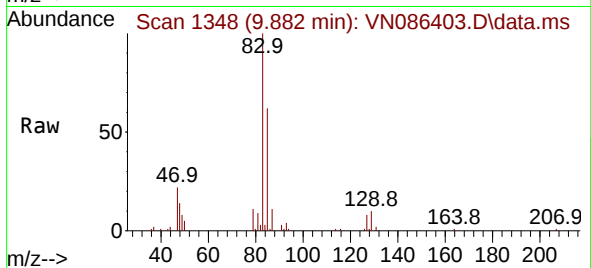
174 88.2 67.8 101.6





#47
Bromodichloromethane
Concen: 18.322 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

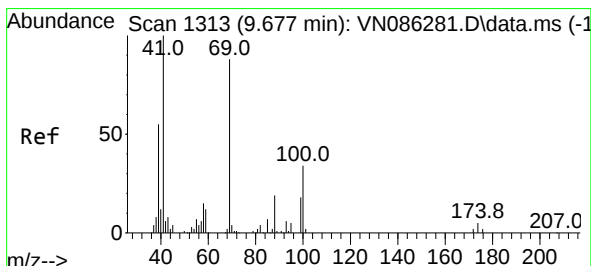
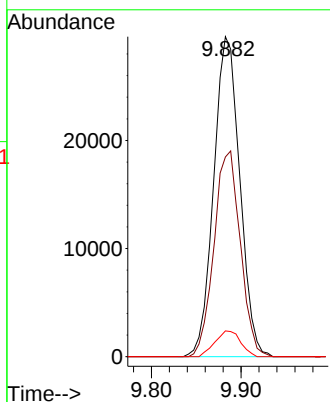
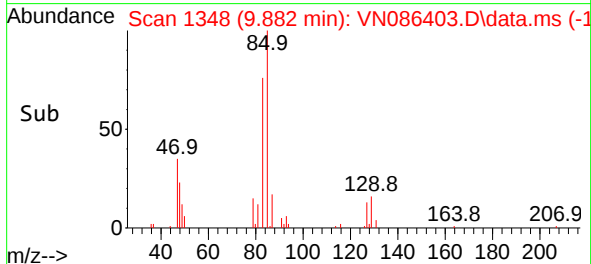
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



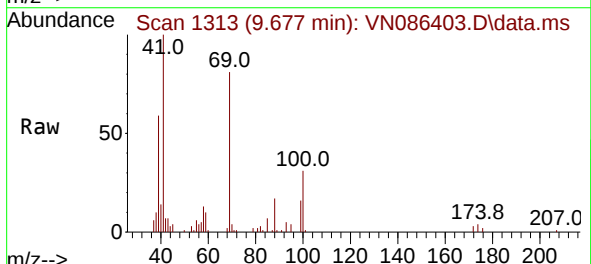
Tgt Ion: 83 Resp: 59774
Ion Ratio Lower Upper
83 100
85 62.4 52.6 78.8
127 8.1 6.1 9.1

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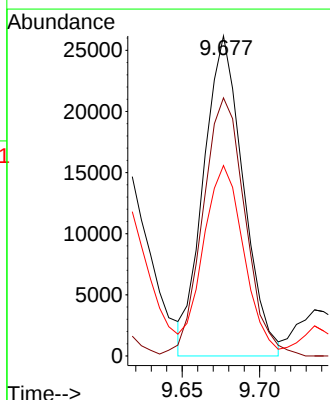
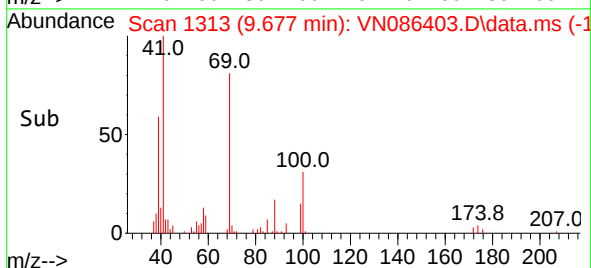
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

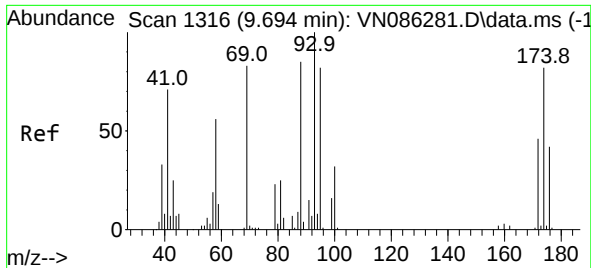


#48
Methyl methacrylate
Concen: 16.666 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



Tgt Ion: 41 Resp: 46575
Ion Ratio Lower Upper
41 100
69 86.1 68.2 102.2
39 61.4 45.2 67.8





#49

1,4-Dioxane

Concen: 348.996 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086403.D

Acq: 28 Apr 2025 11:56

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBSD01

Tgt Ion: 88 Resp: 16590

Ion Ratio Lower Upper

88 100

43 30.7 23.8 35.8

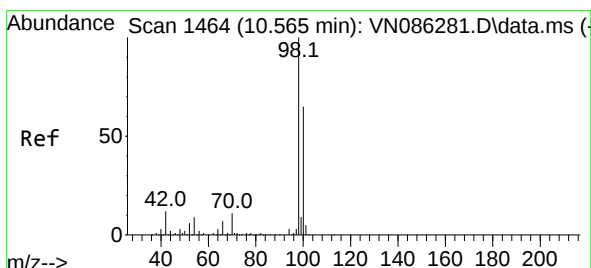
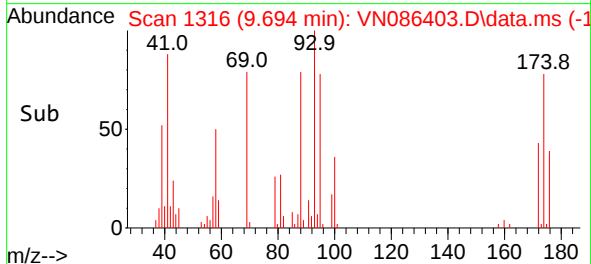
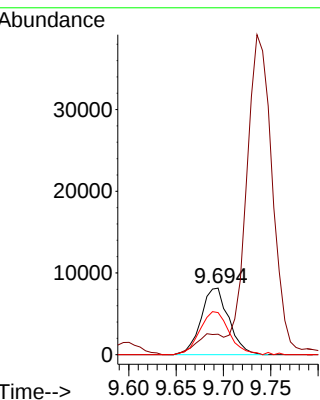
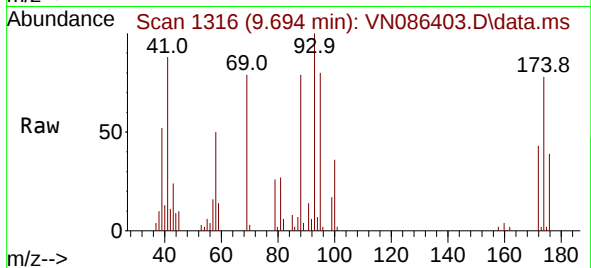
58 68.2 57.4 86.2

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Reviewed By :John Carlone 04/29/2025

Supervised By :Semsettin Yesilyurt 04/29/2025



#50

Toluene-d8

Concen: 48.472 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086403.D

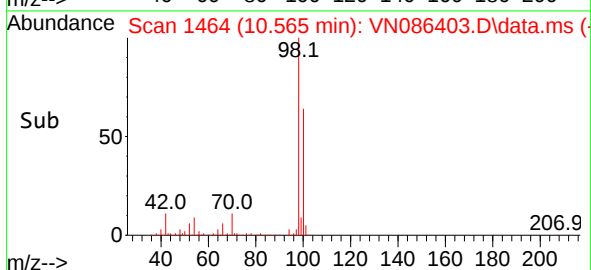
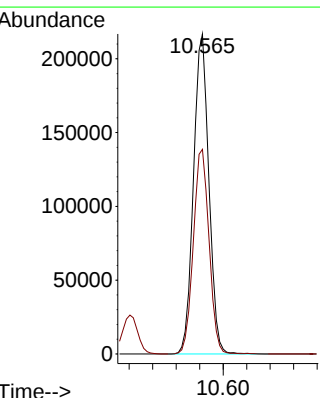
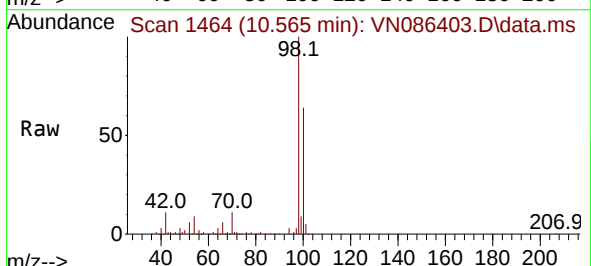
Acq: 28 Apr 2025 11:56

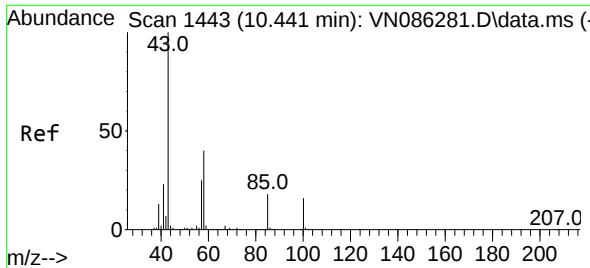
Tgt Ion: 98 Resp: 392054

Ion Ratio Lower Upper

98 100

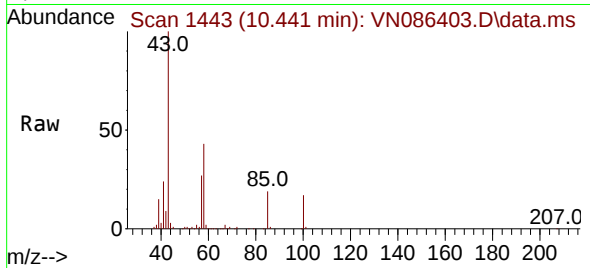
100 65.5 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 87.780 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

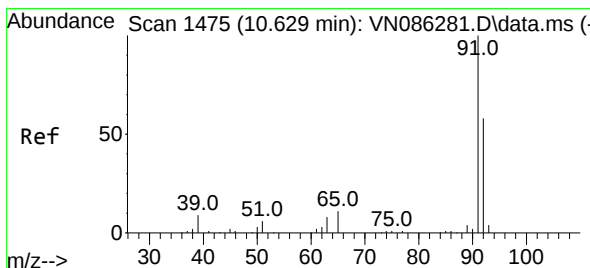
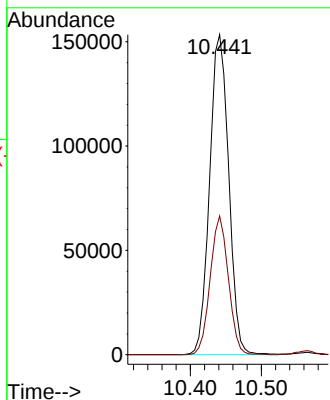
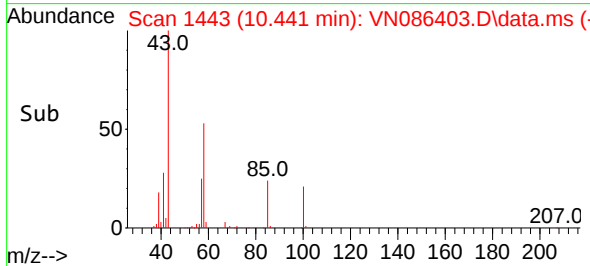
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 43 Resp: 28605
Ion Ratio Lower Upper
43 100
58 41.2 32.2 48.4

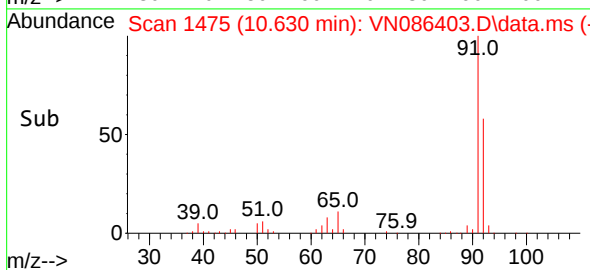
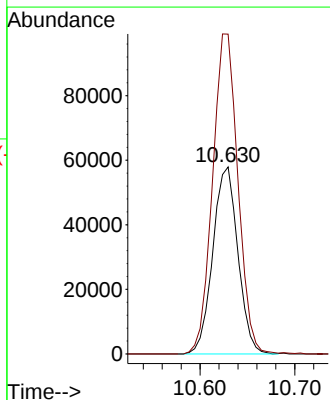
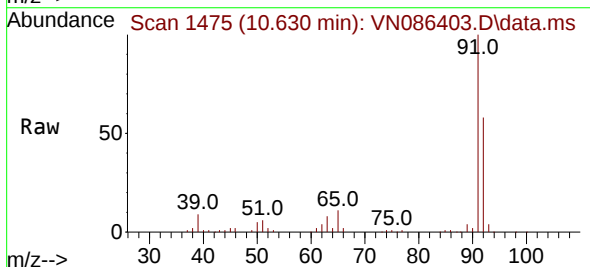
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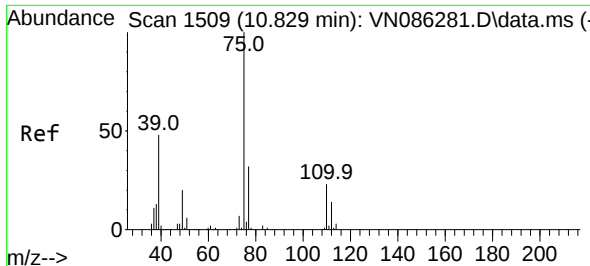
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#52
Toluene
Concen: 17.635 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion: 92 Resp: 106567
Ion Ratio Lower Upper
92 100
91 173.1 137.3 205.9





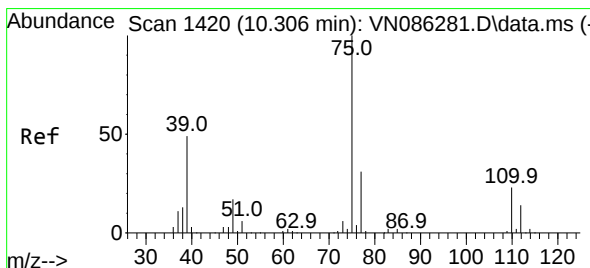
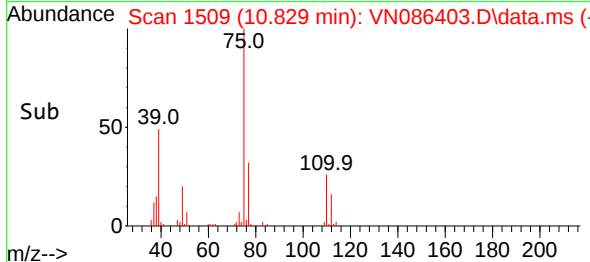
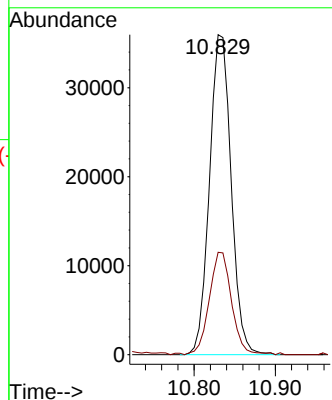
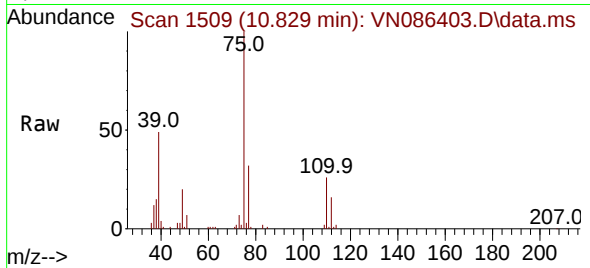
#53
 t-1,3-Dichloropropene
 Concen: 18.306 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. 0.000 min
 Lab File: VN086403.D
 Acq: 28 Apr 2025 11:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBSD01

Tgt Ion: 75 Resp: 6666
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0

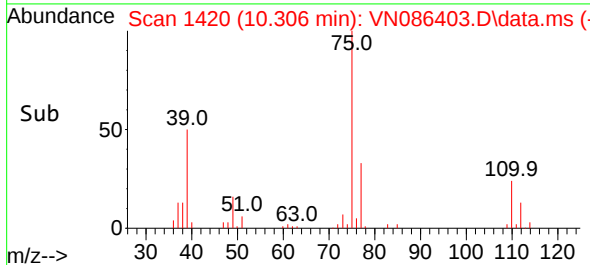
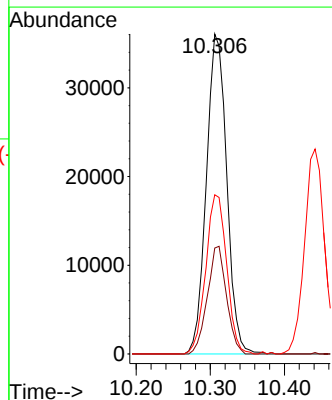
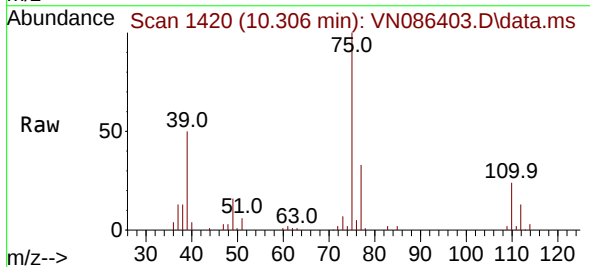
Manual Integrations
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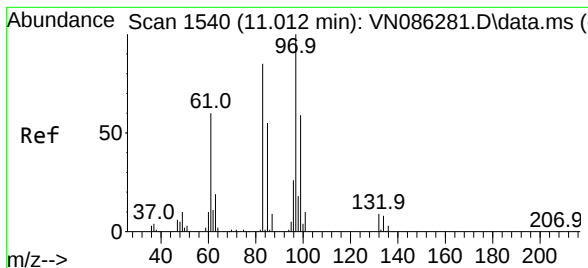
Reviewed By :John Carlone 04/29/2025
 Supervised By :Semsettin Yesilyurt 04/29/2025



#54
 cis-1,3-Dichloropropene
 Concen: 17.238 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN086403.D
 Acq: 28 Apr 2025 11:56

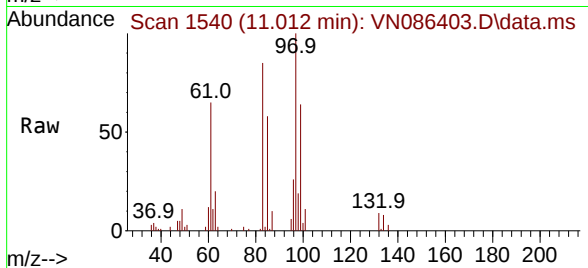
Tgt Ion: 75 Resp: 68950
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.2 37.8
 39 49.7 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 19.097 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

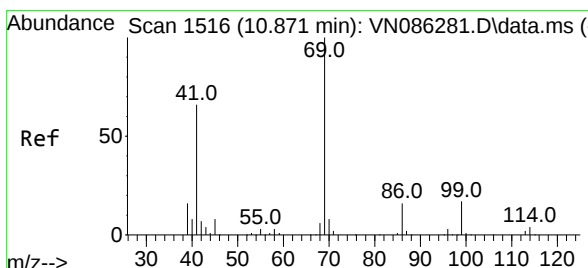
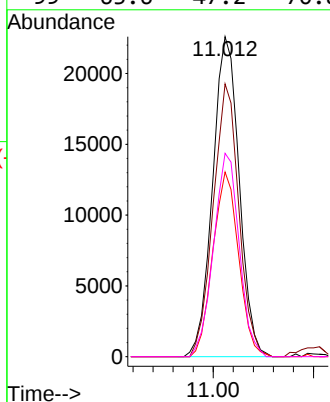
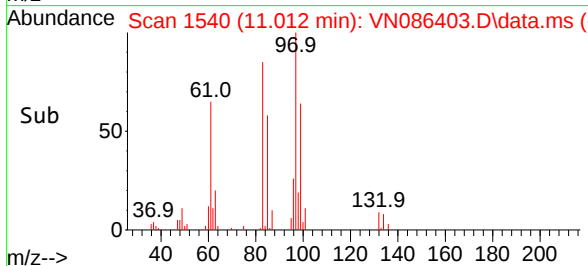
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



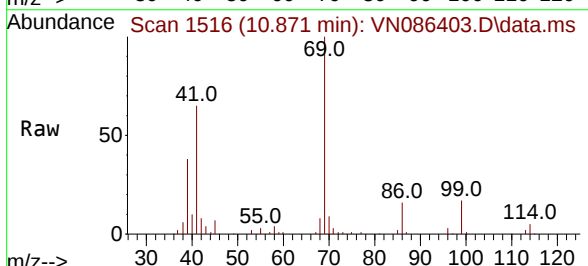
Tgt Ion:	97	Resp:	41520
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.4	102.6
85	57.7	43.9	65.9
99	63.6	47.2	70.8

Manual Integrations
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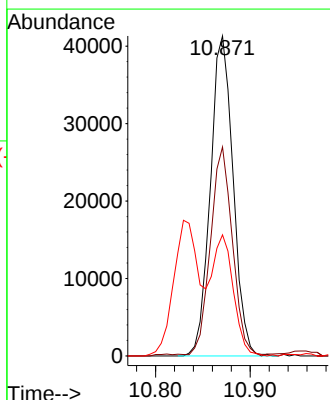
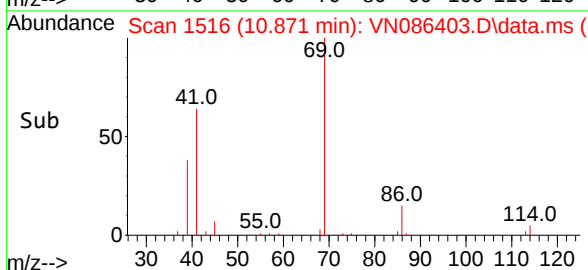
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

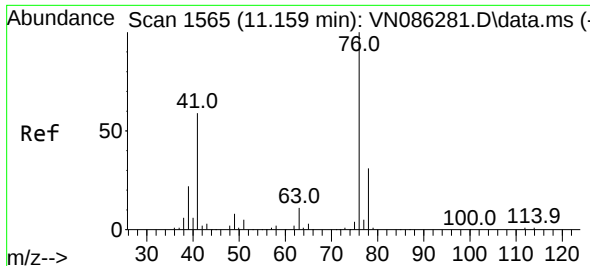


#56
Ethyl methacrylate
Concen: 17.211 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



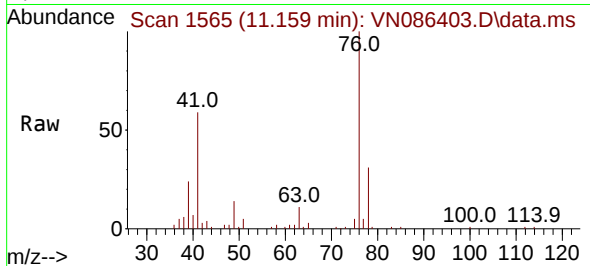
Tgt Ion:	69	Resp:	68784
Ion	Ratio	Lower	Upper
69	100		
41	63.4	51.7	77.5
39	35.0	26.3	39.5





#57
1,3-Dichloropropane
Concen: 18.229 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

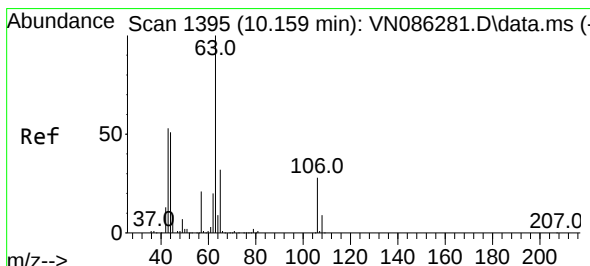
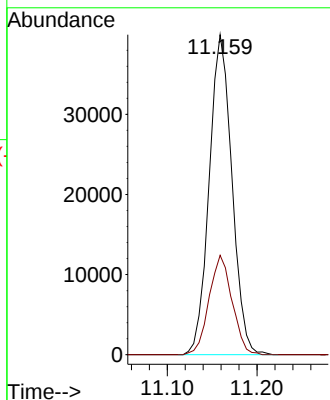
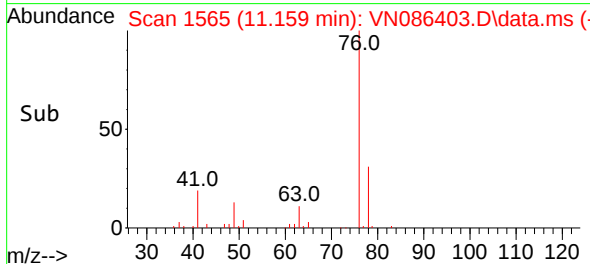
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 76 Resp: 7032
Ion Ratio Lower Upper
76 100
78 31.4 25.6 38.4

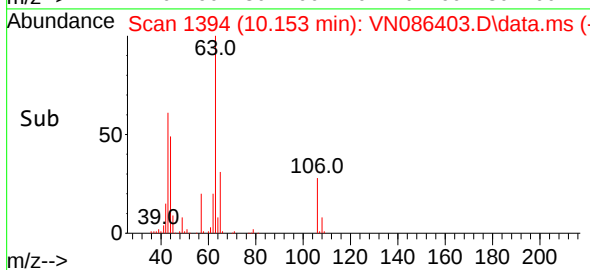
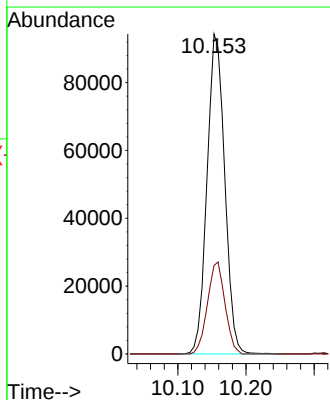
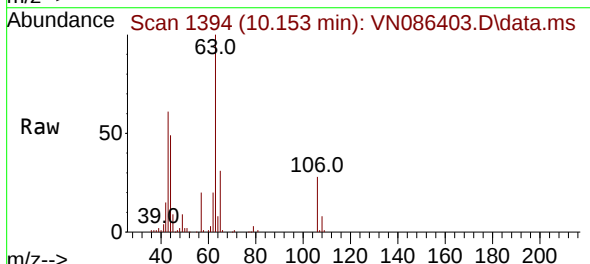
Manual Integrations
APPROVED

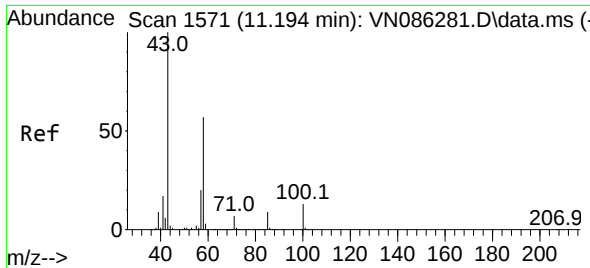
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 89.744 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

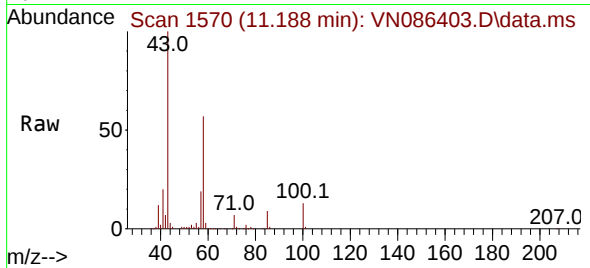
Tgt Ion: 63 Resp: 170235
Ion Ratio Lower Upper
63 100
106 28.5 22.2 33.2





#59
2-Hexanone
Concen: 87.216 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

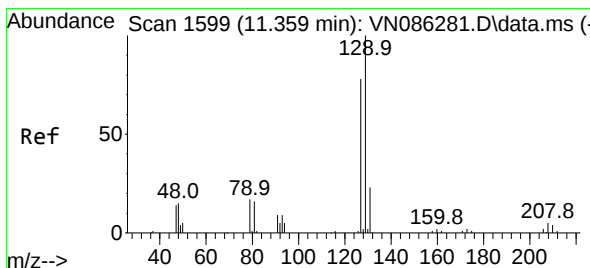
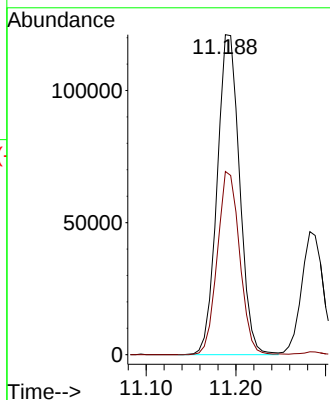
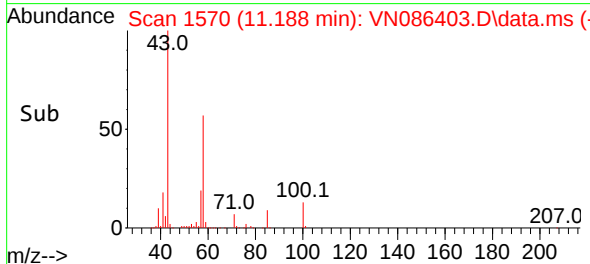
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 43 Resp: 210810
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0

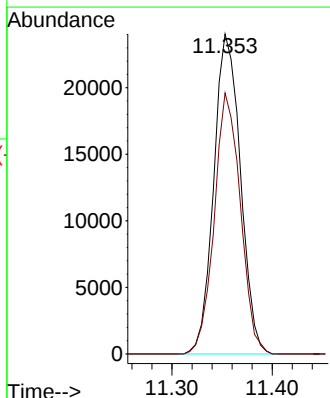
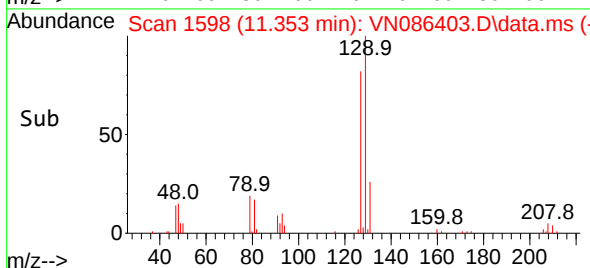
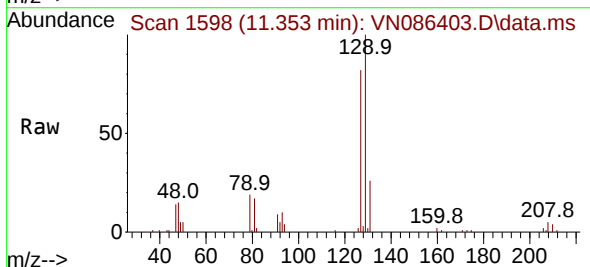
Manual Integrations
APPROVED

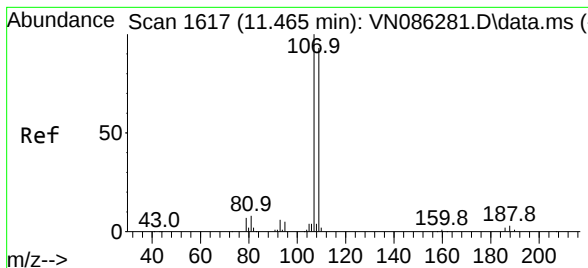
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#60
Dibromochloromethane
Concen: 18.592 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion:129 Resp: 44388
Ion Ratio Lower Upper
129 100
127 79.8 38.7 116.1





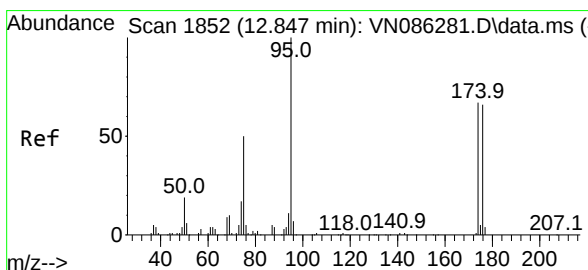
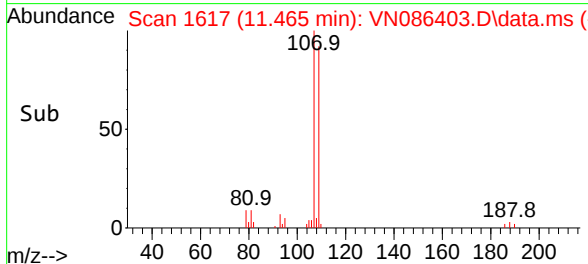
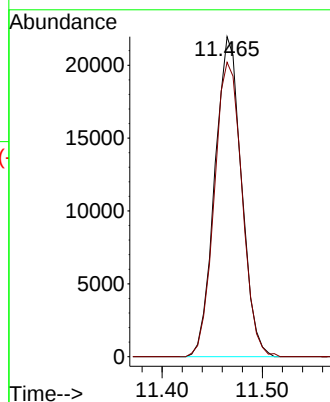
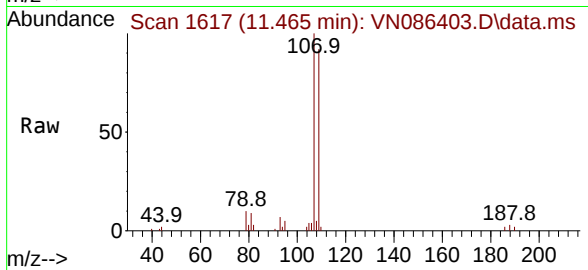
#61
1,2-Dibromoethane
Concen: 18.494 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:107 Resp: 40574
Ion Ratio Lower Upper
107 100
109 95.5 75.4 113.0

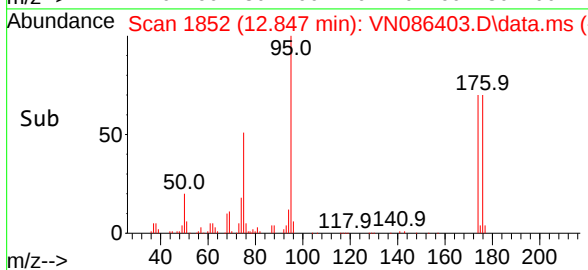
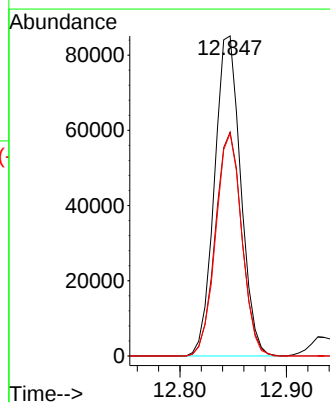
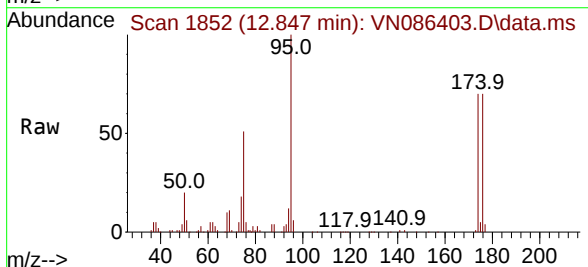
Manual Integrations
APPROVED

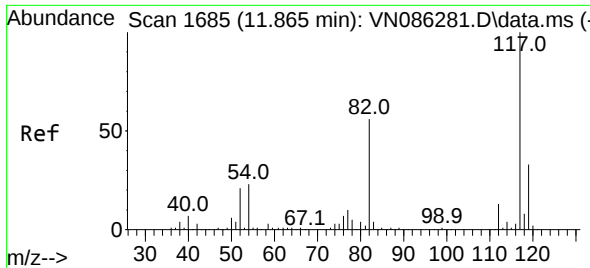
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#62
4-Bromofluorobenzene
Concen: 49.329 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

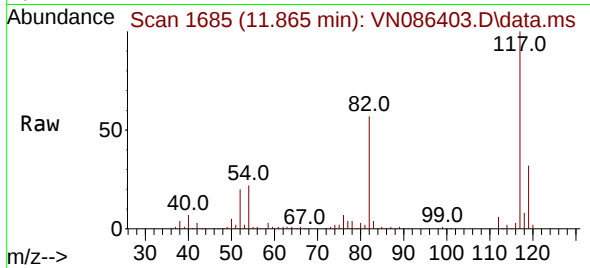
Tgt Ion: 95 Resp: 145527
Ion Ratio Lower Upper
95 100
174 70.3 0.0 133.4
176 68.8 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

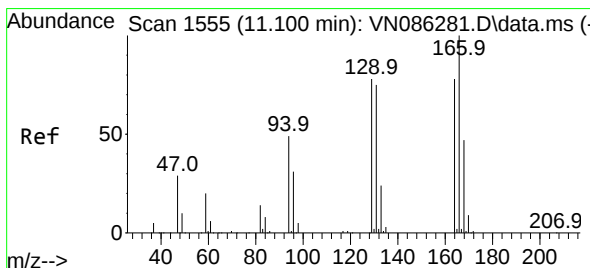
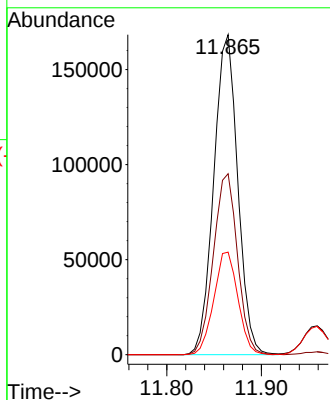
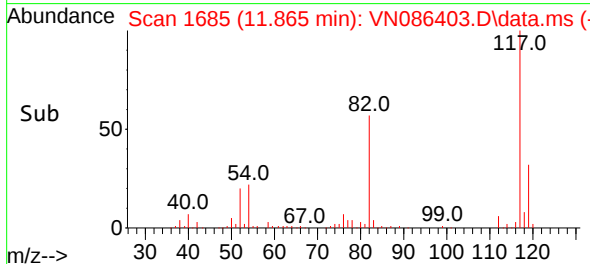
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



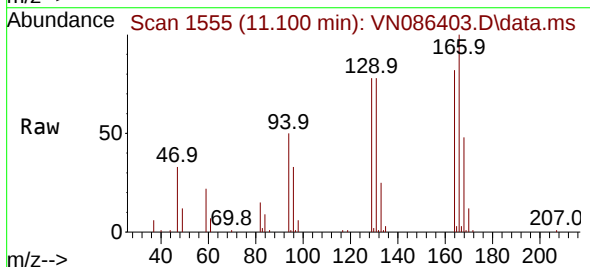
Tgt Ion:117 Resp: 29668
Ion Ratio Lower Upper
117 100
82 56.5 44.7 67.1
119 32.1 26.4 39.6

Manual Integrations
APPROVED

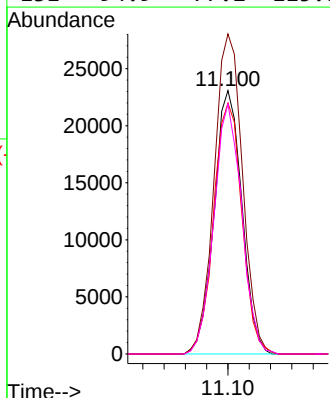
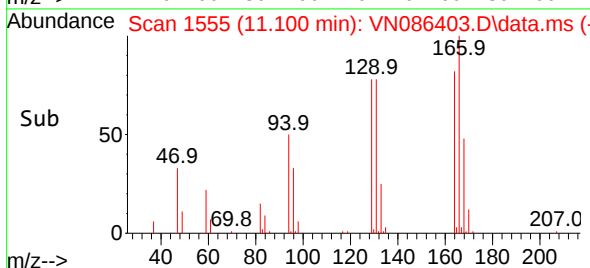
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

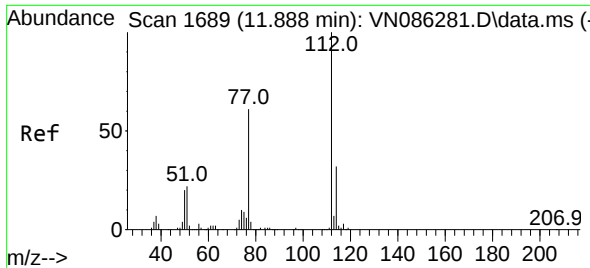


#64
Tetrachloroethene
Concen: 18.322 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



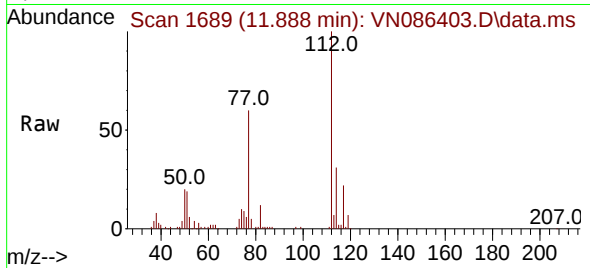
Tgt Ion:164 Resp: 41814
Ion Ratio Lower Upper
164 100
166 121.5 103.0 154.4
129 95.2 80.1 120.1
131 94.9 77.2 115.8





#65
Chlorobenzene
Concen: 18.026 ug/l
RT: 11.888 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

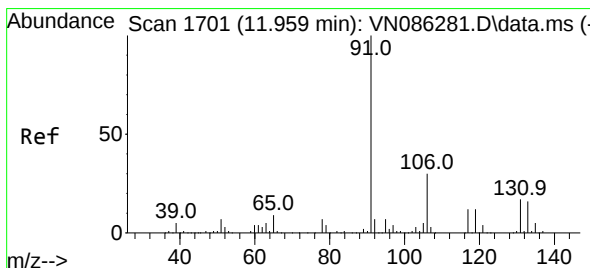
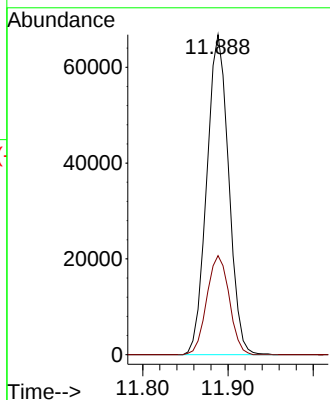
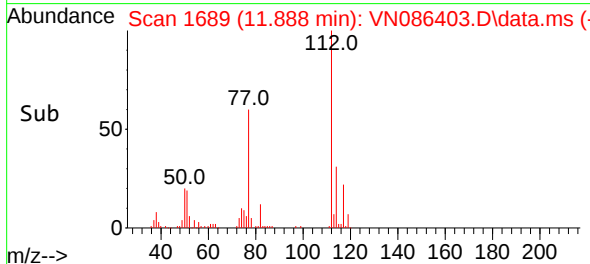
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



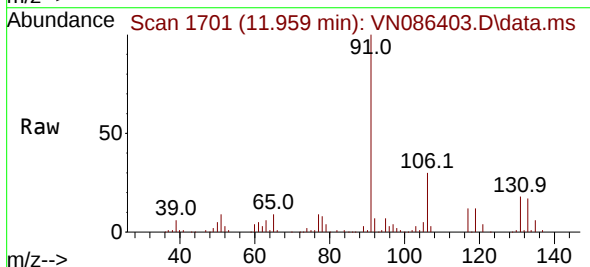
Tgt Ion:112 Resp: 11935
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0

Manual Integrations
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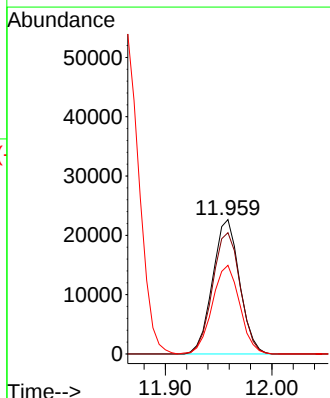
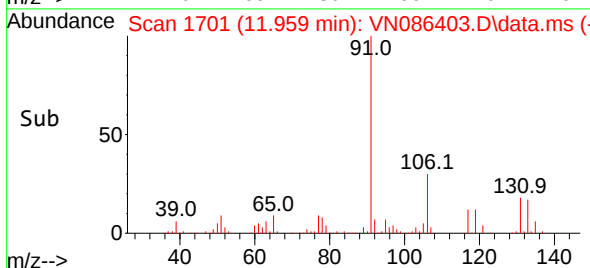
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

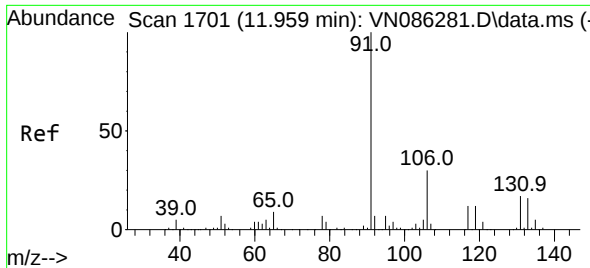


#66
1,1,1,2-Tetrachloroethane
Concen: 18.250 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



Tgt Ion:131 Resp: 39863
Ion Ratio Lower Upper
131 100
133 92.7 47.1 141.3
119 67.2 33.8 101.4





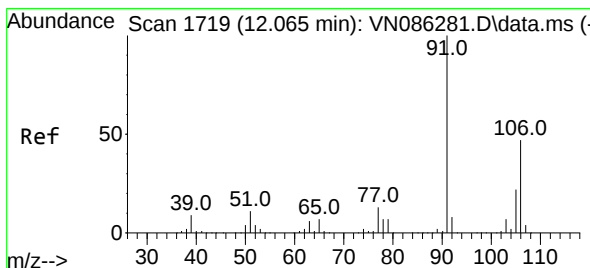
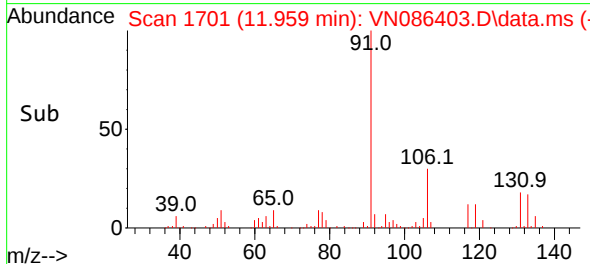
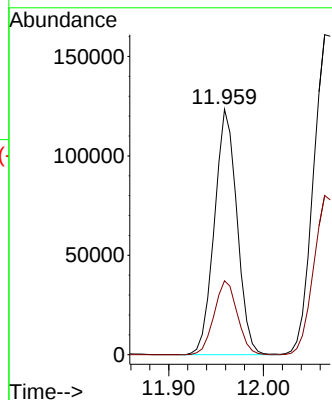
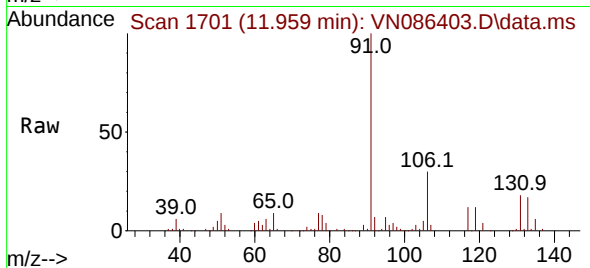
#67
Ethyl Benzene
Concen: 17.138 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 91 Resp: 20476
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

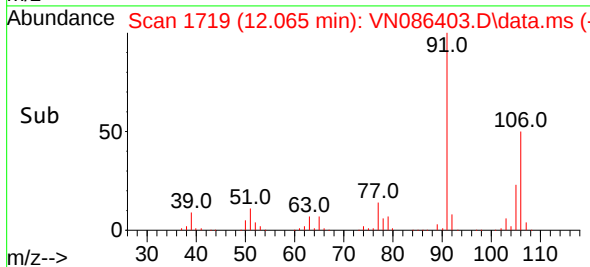
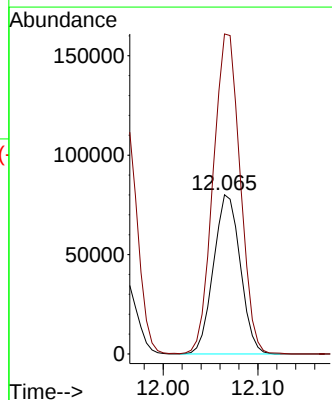
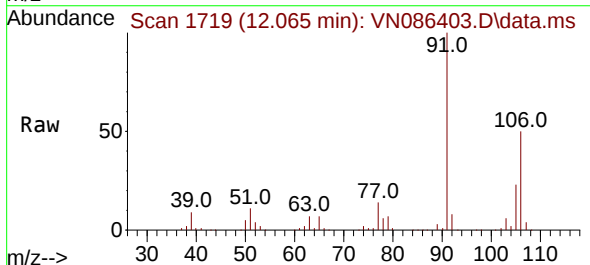
Manual Integrations
APPROVED

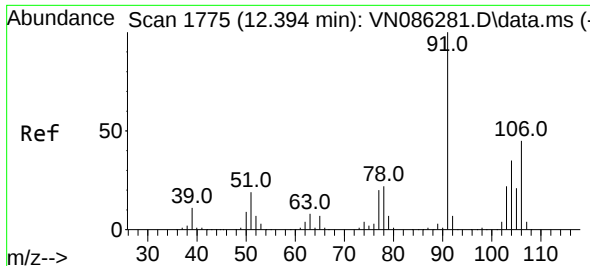
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#68
m/p-Xylenes
Concen: 35.126 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion:106 Resp: 157251
Ion Ratio Lower Upper
106 100
91 202.9 166.5 249.7





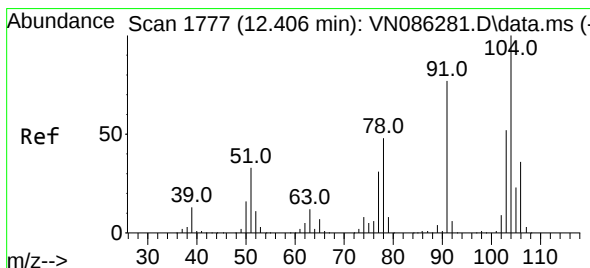
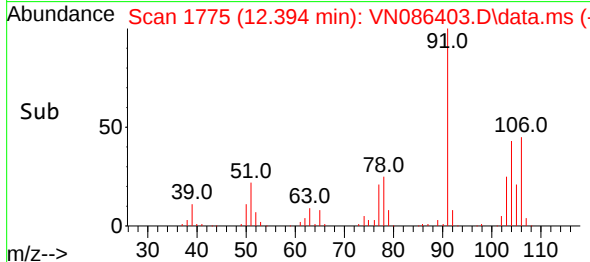
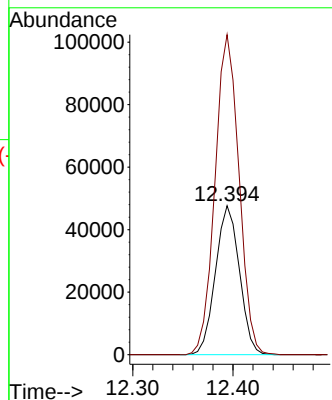
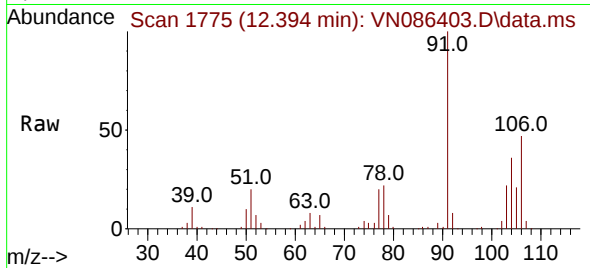
#69
o-Xylene
Concen: 17.854 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:106 Resp: 79044
Ion Ratio Lower Upper
106 100
91 215.4 109.7 329.0

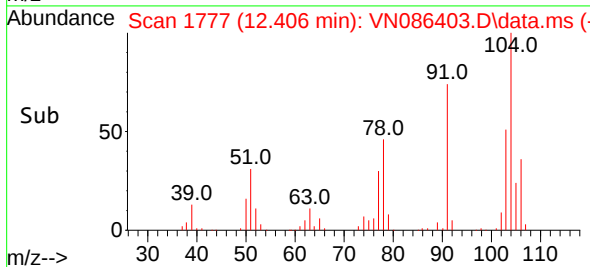
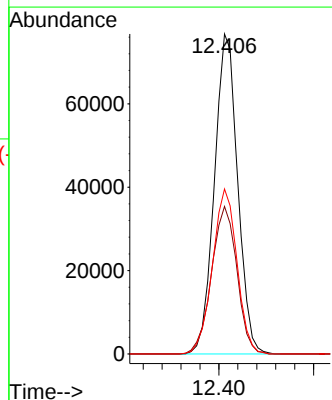
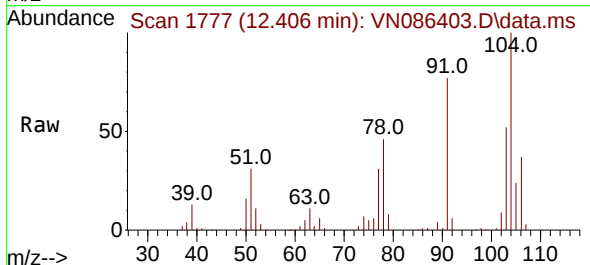
Manual Integrations
APPROVED

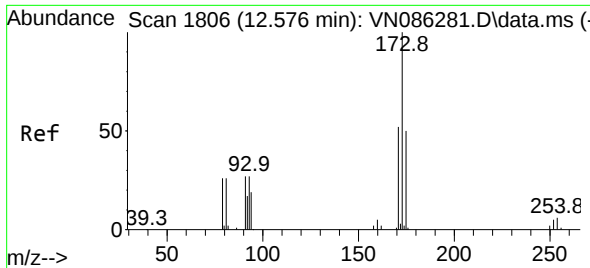
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#70
Styrene
Concen: 17.747 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

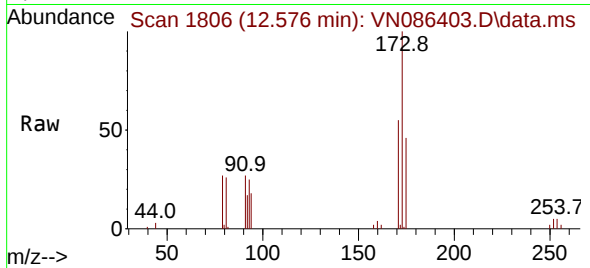
Tgt Ion:104 Resp: 130916
Ion Ratio Lower Upper
104 100
78 50.1 40.6 61.0
103 54.2 43.6 65.4





#71
Bromoform
Concen: 18.242 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

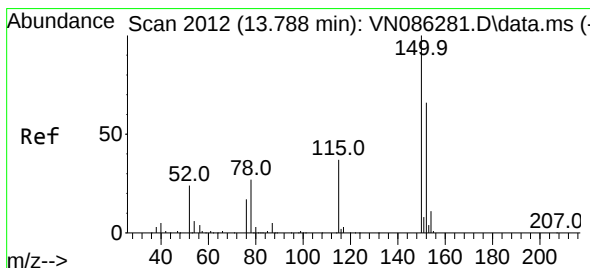
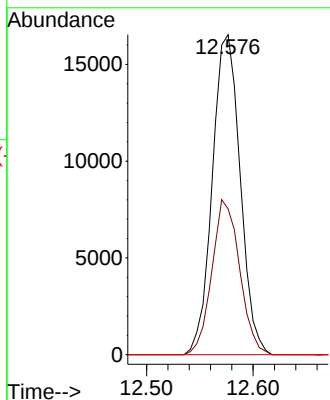
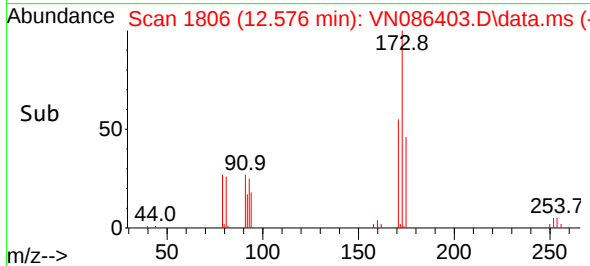
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



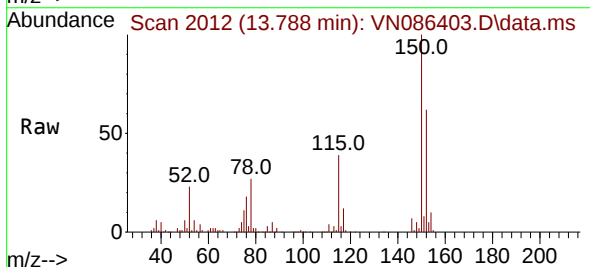
Tgt Ion:173 Resp: 30000
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

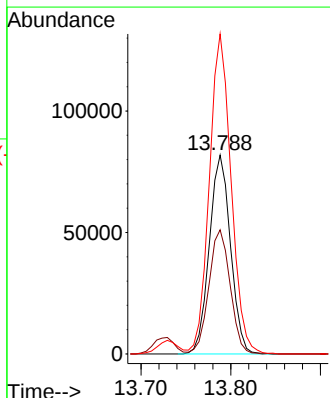
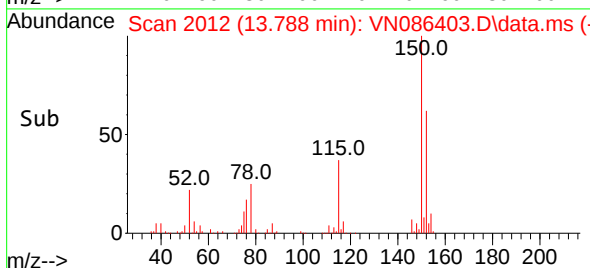
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

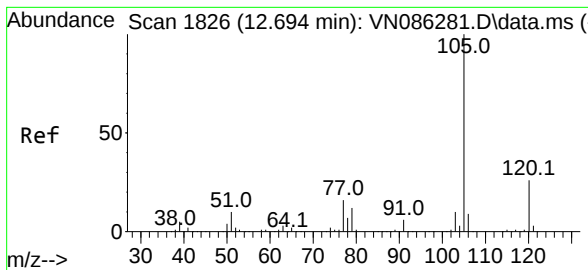


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



Tgt Ion:152 Resp: 134227
Ion Ratio Lower Upper
152 100
115 62.7 31.9 95.9
150 165.0 0.0 352.0





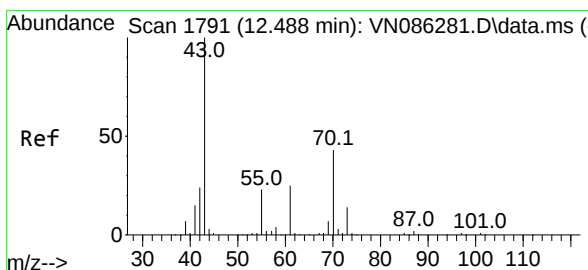
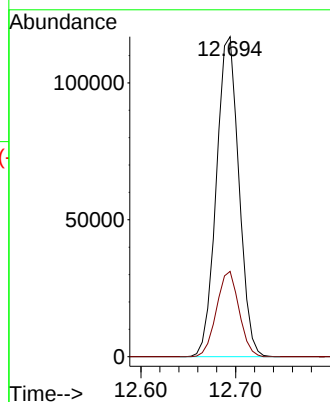
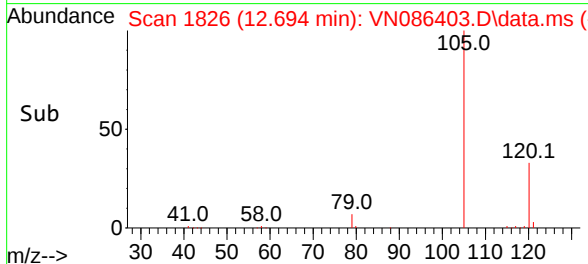
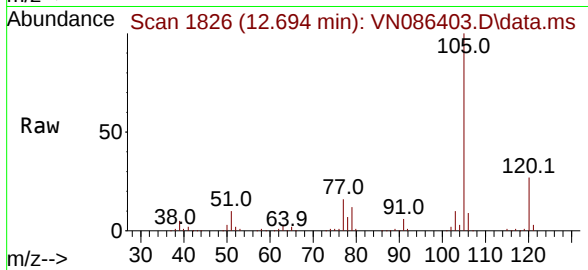
#73
Isopropylbenzene
Concen: 17.615 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:105 Resp: 193414
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

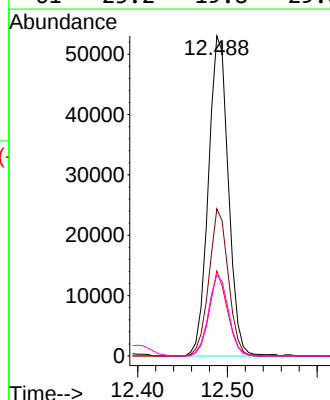
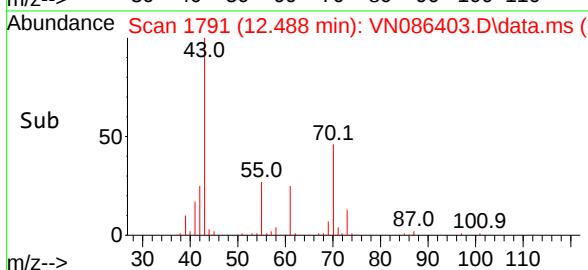
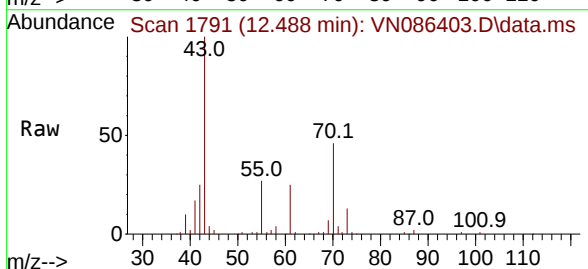
Manual Integrations
APPROVED

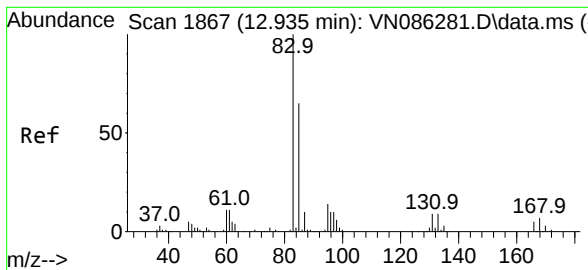
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#74
N-ethyl acetate
Concen: 14.982 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

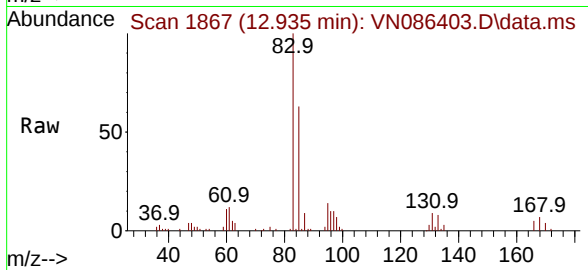
Tgt Ion: 43 Resp: 81893
Ion Ratio Lower Upper
43 100
70 44.5 35.0 52.4
55 24.3 19.0 28.4
61 25.2 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.396 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

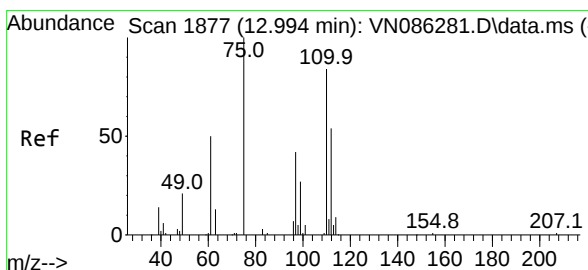
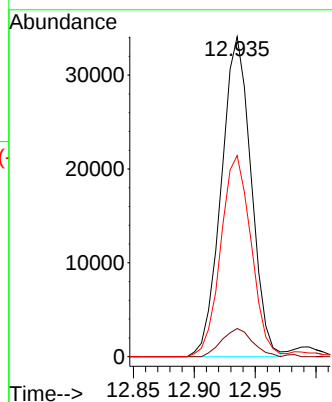
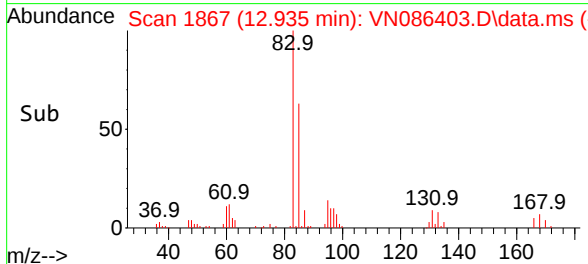
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



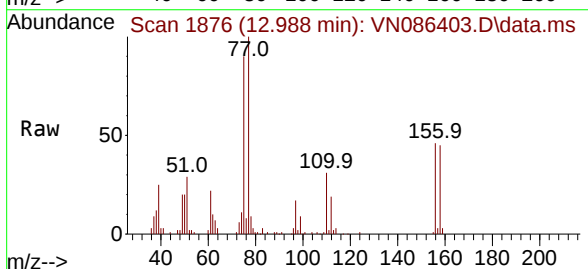
Tgt Ion: 83 Resp: 5807
Ion Ratio Lower Upper
83 100
131 9.0 4.7 14.1
85 64.0 32.7 98.1

Manual Integrations
APPROVED

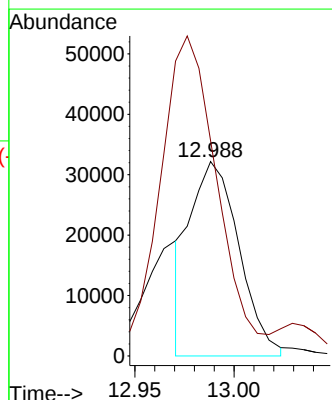
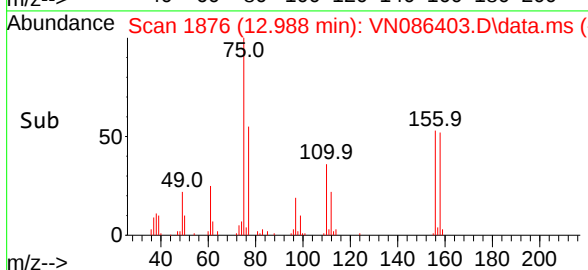
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

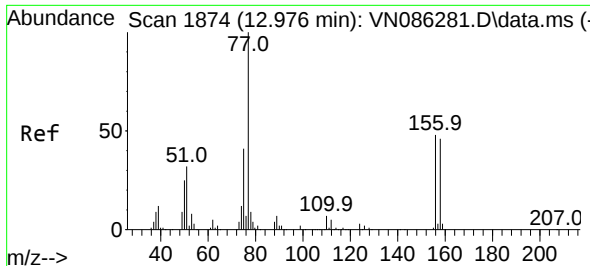


#76
1,2,3-Trichloropropane
Concen: 17.396 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



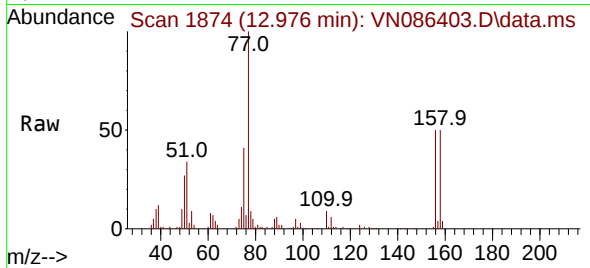
Tgt Ion: 75 Resp: 55102
Ion Ratio Lower Upper
75 100
77 193.5 98.8 296.4





#77
Bromobenzene
Concen: 19.062 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

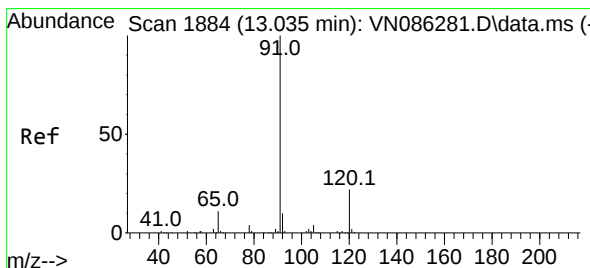
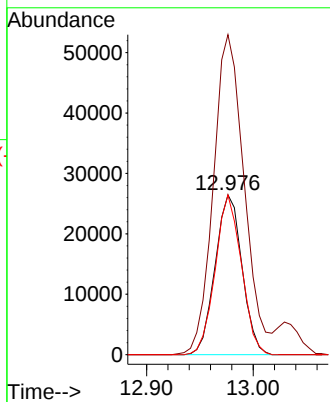
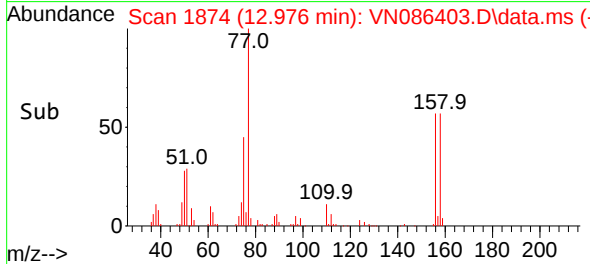
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion:156 Resp: 46379
Ion Ratio Lower Upper
156 100
77 229.9 121.1 363.1
158 97.0 47.9 143.6

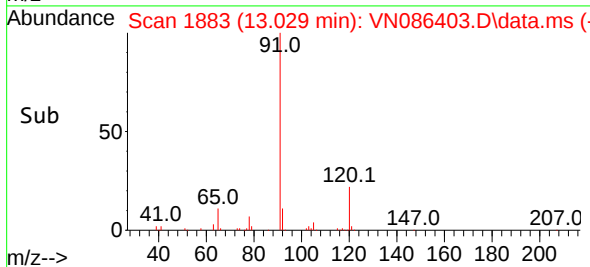
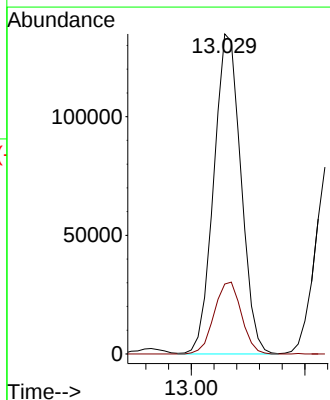
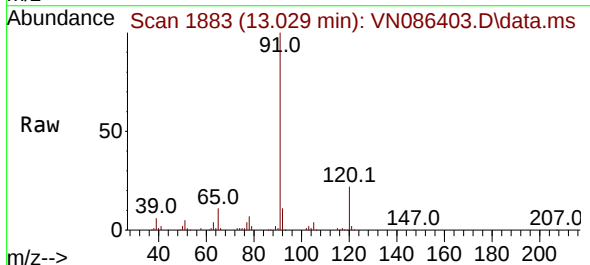
Manual Integrations
APPROVED

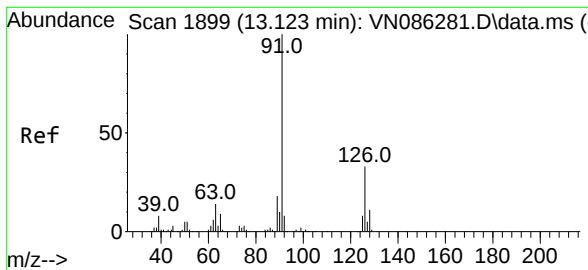
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#78
n-propylbenzene
Concen: 17.345 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion: 91 Resp: 224414
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3





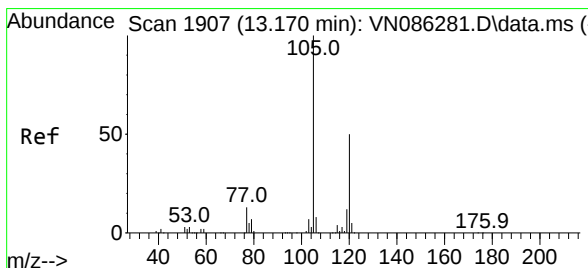
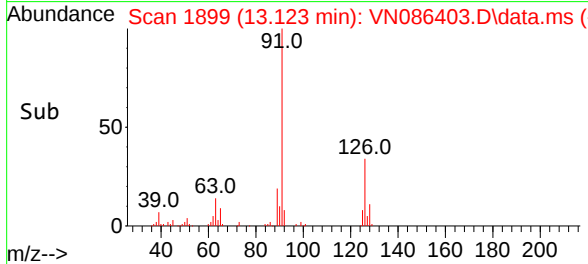
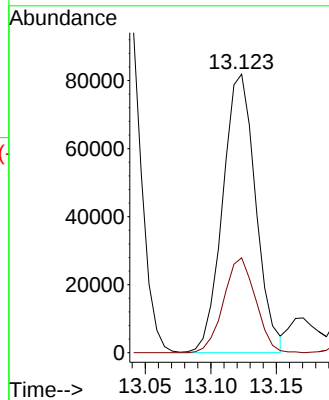
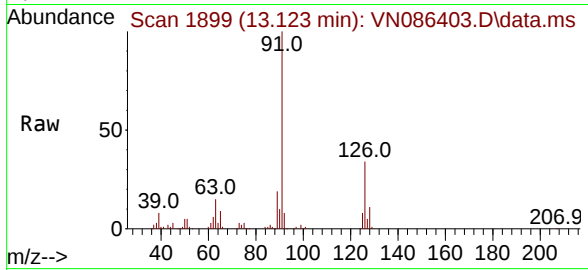
#79
2-Chlorotoluene
Concen: 17.725 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 91 Resp: 143508
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.2

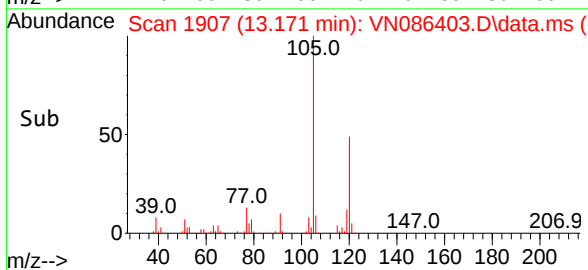
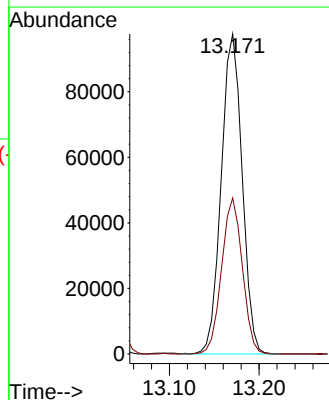
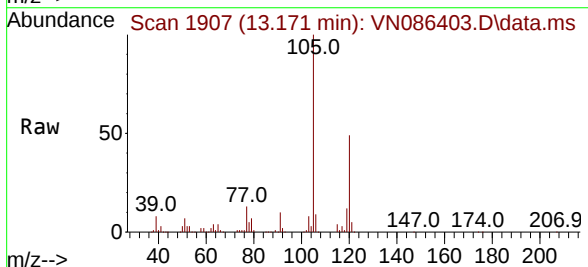
Manual Integrations
APPROVED

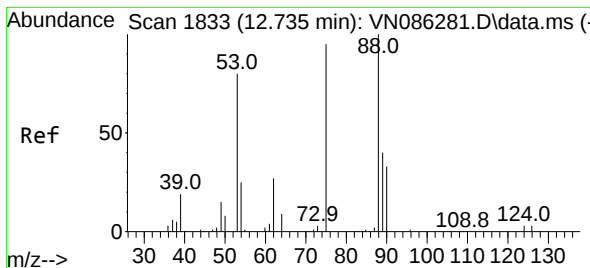
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.593 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

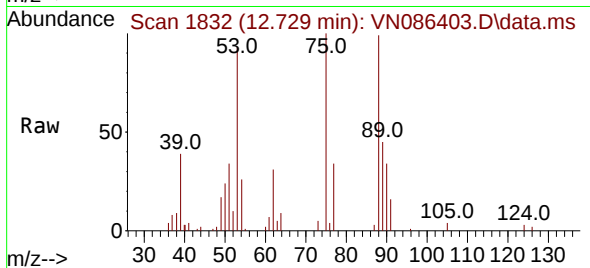
Tgt Ion:105 Resp: 158109
Ion Ratio Lower Upper
105 100
120 48.2 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 17.214 ug/l m
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

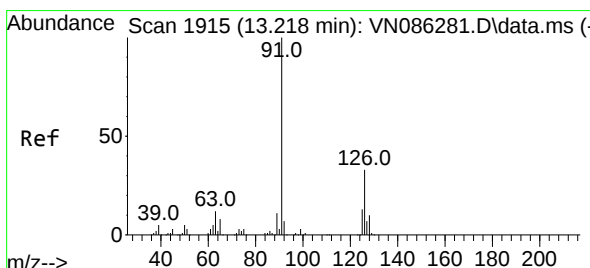
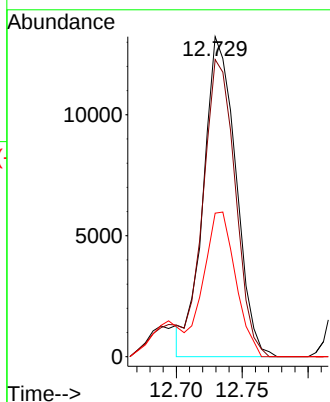
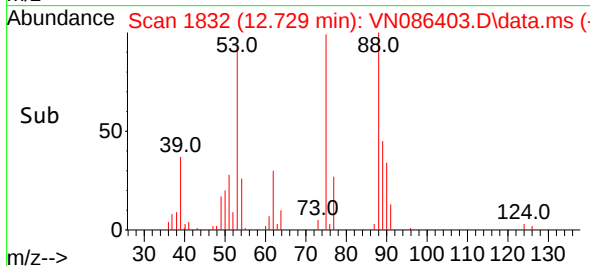
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion: 75 Resp: 22704
Ion Ratio Lower Upper
75 100
53 101.2 79.2 118.8
89 44.6 35.7 53.5

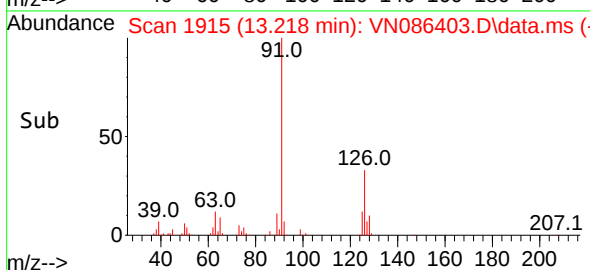
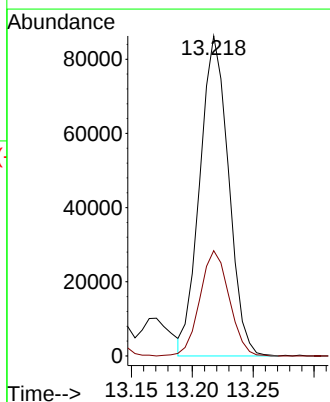
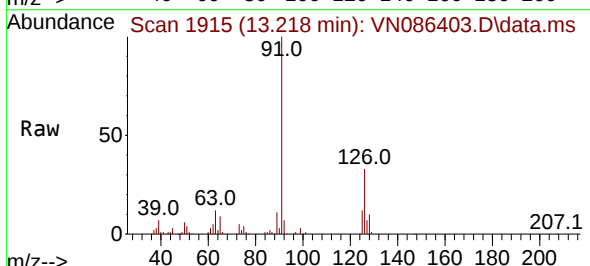
Manual Integrations
APPROVED

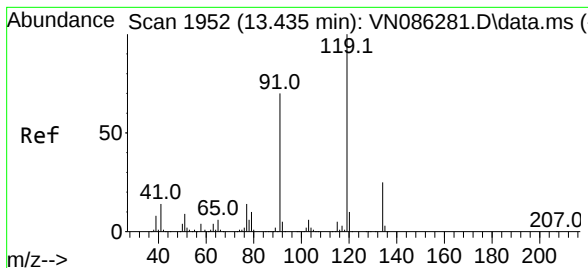
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#82
4-Chlorotoluene
Concen: 17.627 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

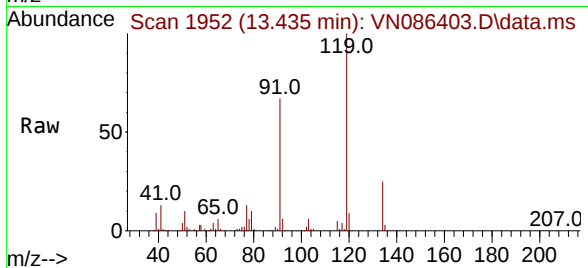
Tgt Ion: 91 Resp: 141763
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6





#83
tert-Butylbenzene
Concen: 17.436 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

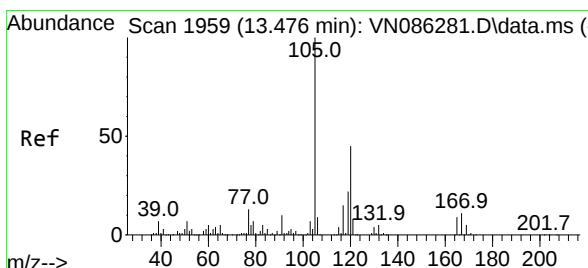
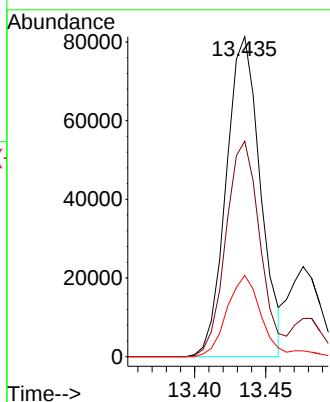
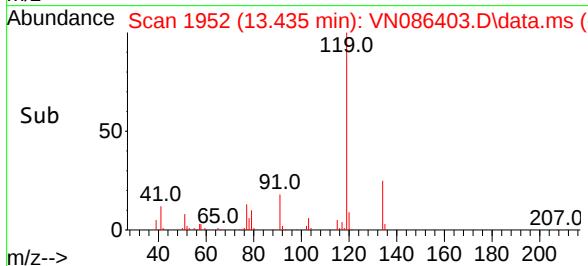
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



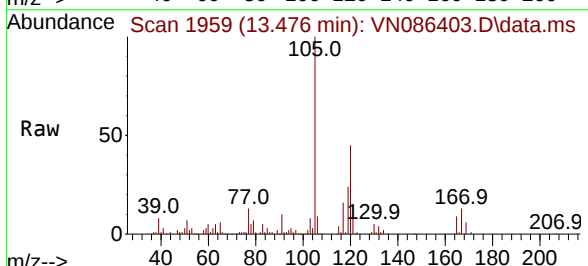
Tgt Ion:119 Resp: 135779
Ion Ratio Lower Upper
119 100
91 68.1 34.4 103.3
134 26.3 13.0 39.0

Manual Integrations
APPROVED

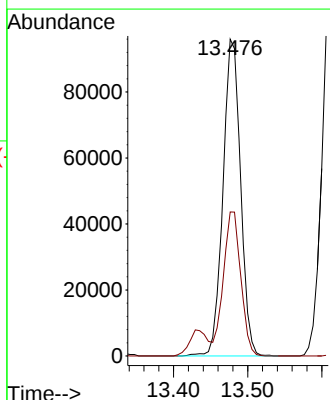
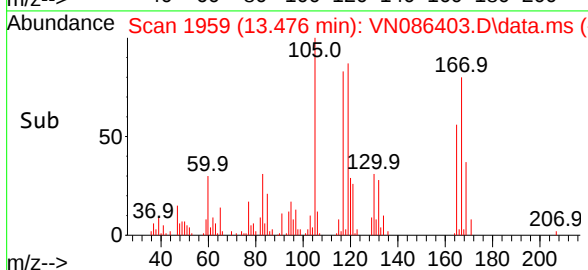
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

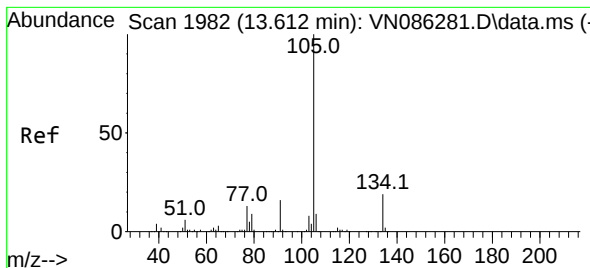


#84
1,2,4-Trimethylbenzene
Concen: 17.291 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



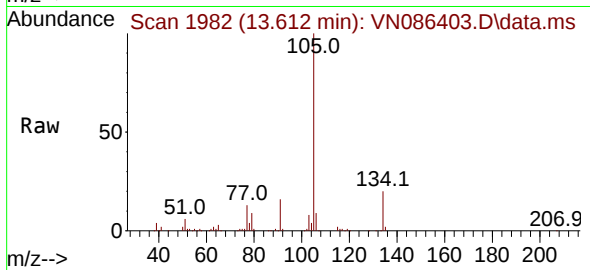
Tgt Ion:105 Resp: 158178
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#85
sec-Butylbenzene
Concen: 17.510 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

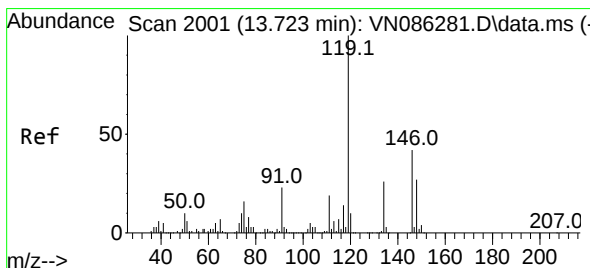
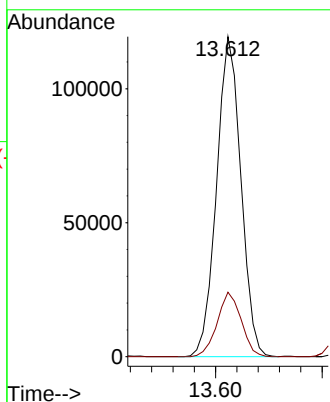
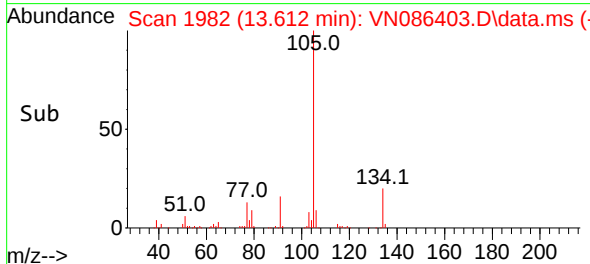
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



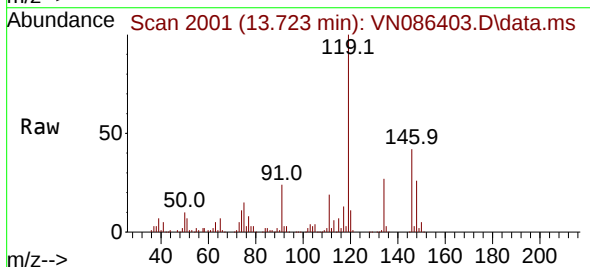
Tgt Ion:105 Resp: 189130
Ion Ratio Lower Upper
105 100
134 19.9 9.7 29.1

Manual Integrations
APPROVED

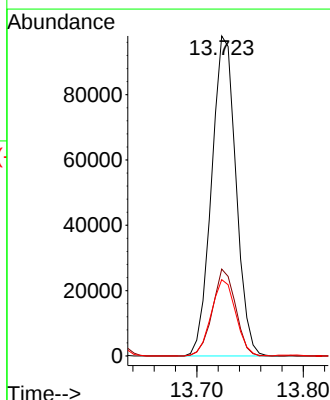
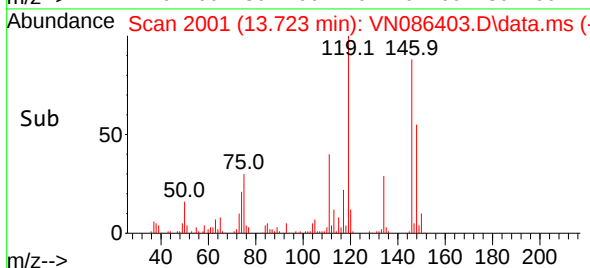
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

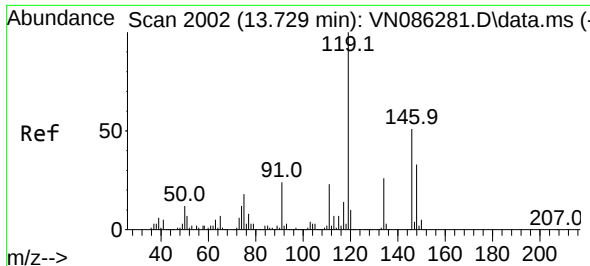


#86
p-Isopropyltoluene
Concen: 17.458 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



Tgt Ion:119 Resp: 155421
Ion Ratio Lower Upper
119 100
134 25.7 13.1 39.1
91 24.0 11.9 35.9





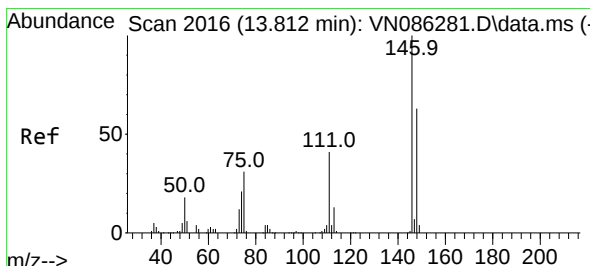
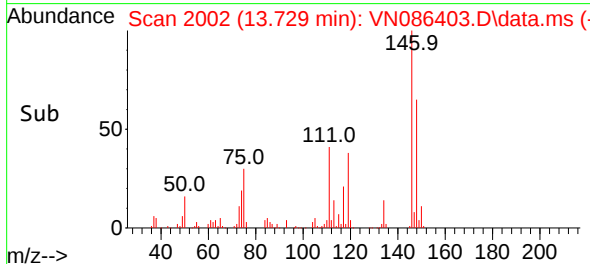
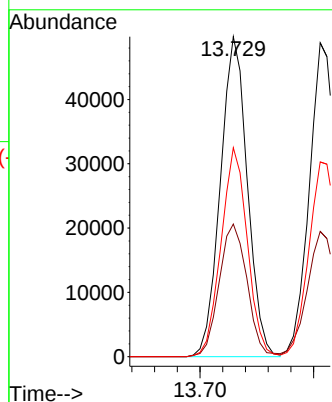
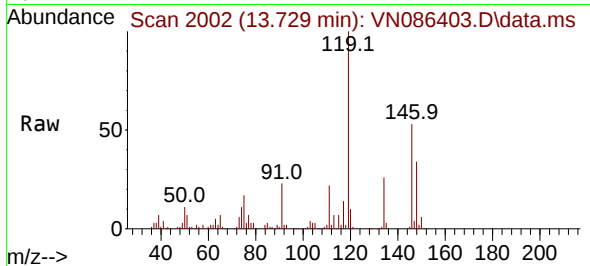
#87
1,3-Dichlorobenzene
Concen: 17.956 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion:146 Resp: 8212
Ion Ratio Lower Upper
146 100
111 42.9 21.9 65.7
148 63.6 31.9 95.5

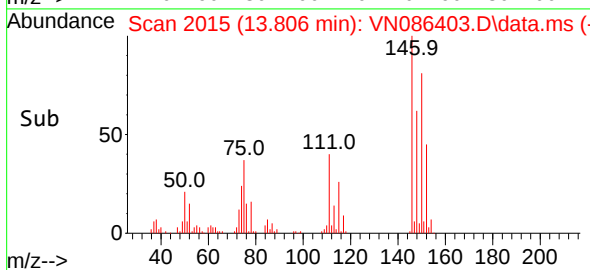
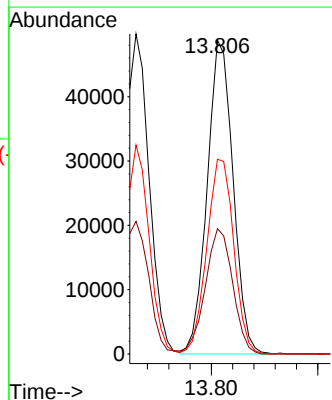
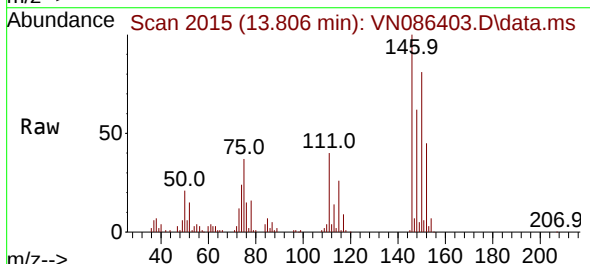
Manual Integrations
APPROVED

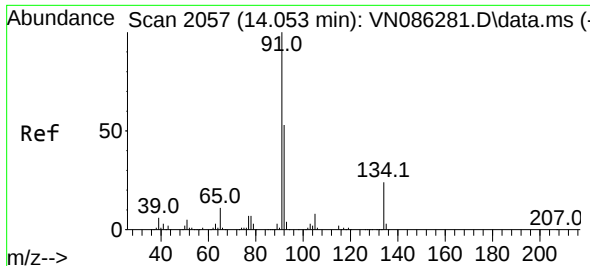
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#88
1,4-Dichlorobenzene
Concen: 17.885 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion:146 Resp: 82389
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.9
148 64.6 31.9 95.9





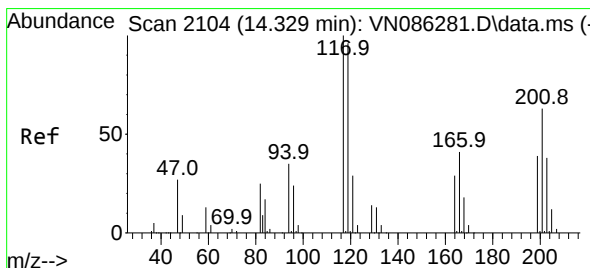
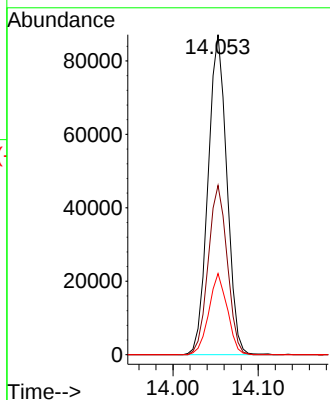
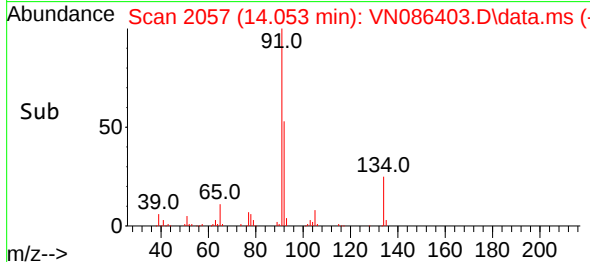
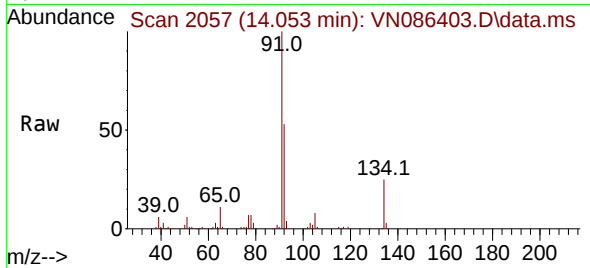
#89
n-Butylbenzene
Concen: 16.947 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01

Tgt Ion: 91 Resp: 133735
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.4
134 24.9 12.2 36.6

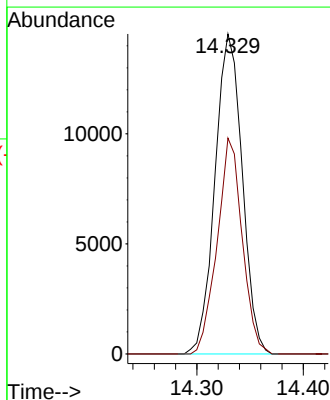
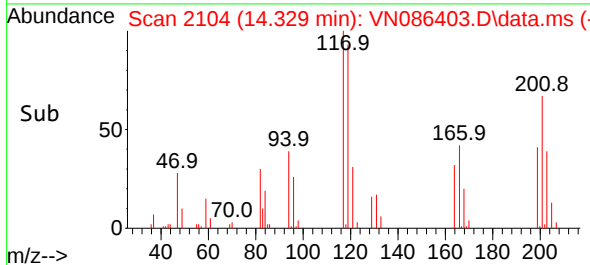
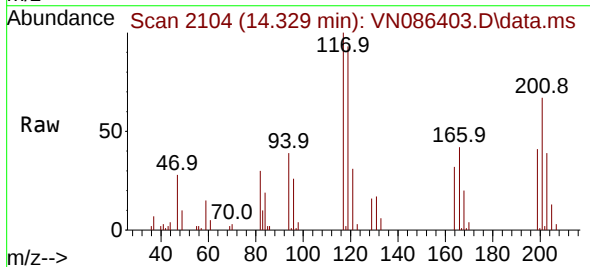
Manual Integrations
APPROVED

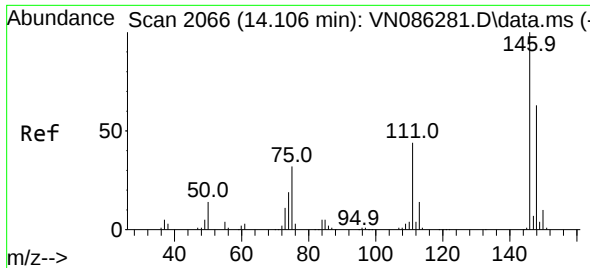
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#90
Hexachloroethane
Concen: 17.213 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

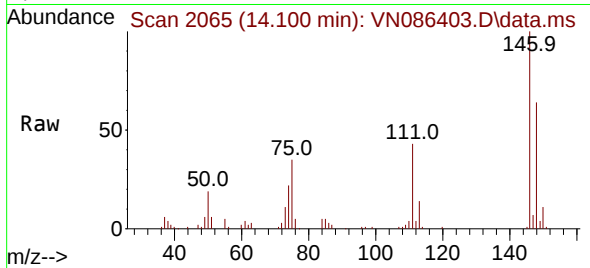
Tgt Ion:117 Resp: 25776
Ion Ratio Lower Upper
117 100
201 62.1 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 17.740 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

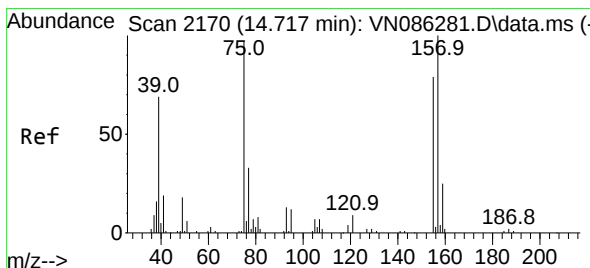
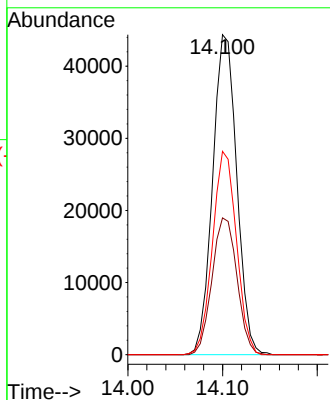
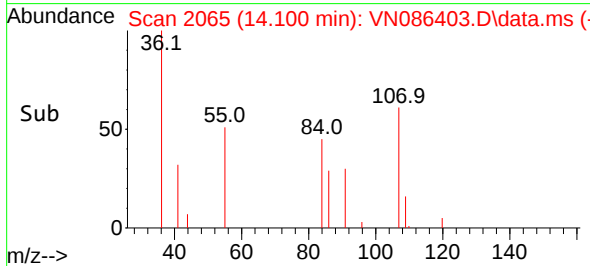
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



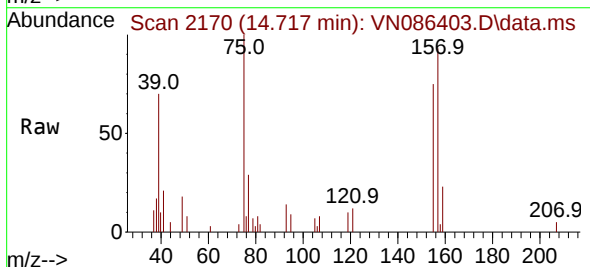
Tgt Ion:146 Resp: 78660
Ion Ratio Lower Upper
146 100
111 44.2 22.4 67.0
148 63.0 31.8 95.4

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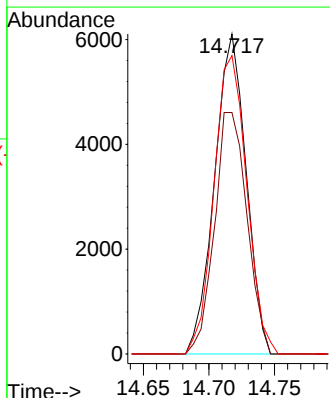
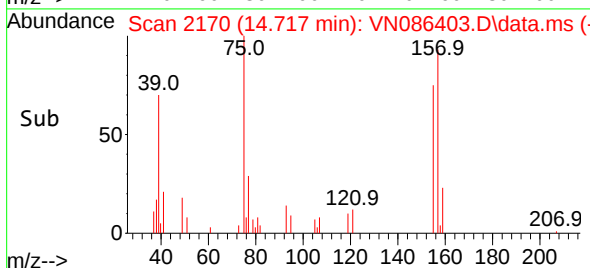
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

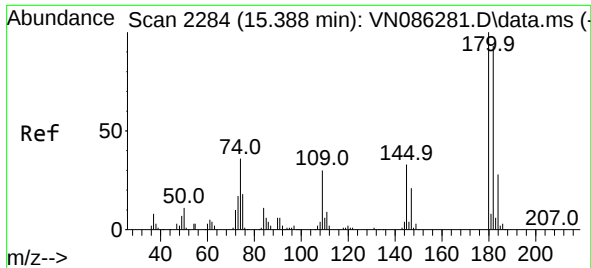


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.061 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



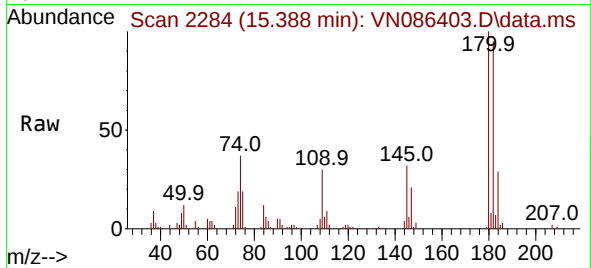
Tgt Ion: 75 Resp: 10224
Ion Ratio Lower Upper
75 100
155 77.7 40.3 120.9
157 96.8 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 16.922 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

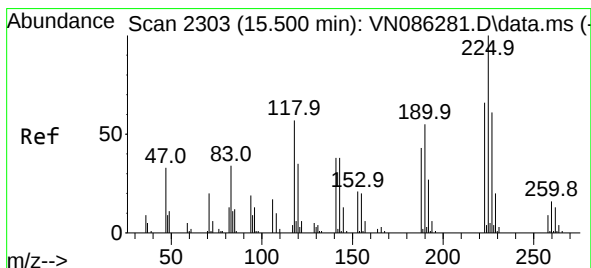
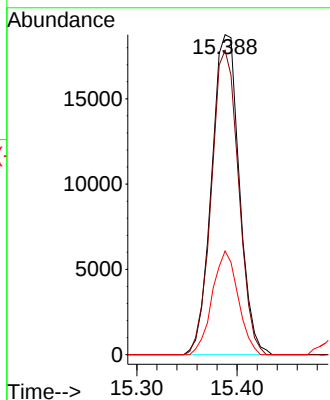
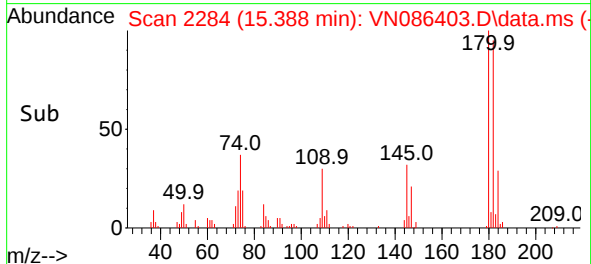
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



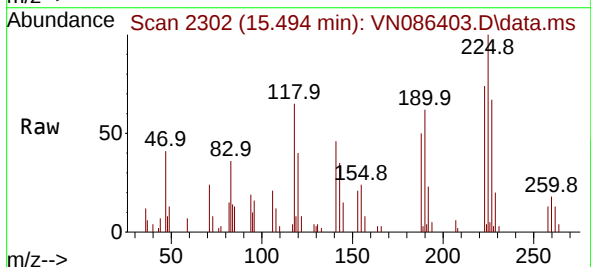
Tgt Ion:180 Resp: 35930
Ion Ratio Lower Upper
180 100
182 93.4 47.0 141.0
145 30.3 16.4 49.1

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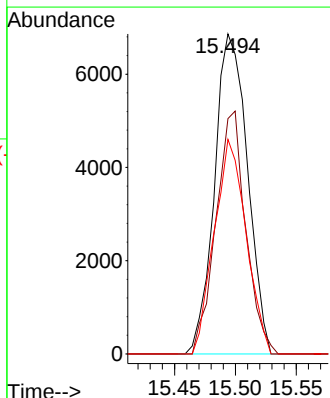
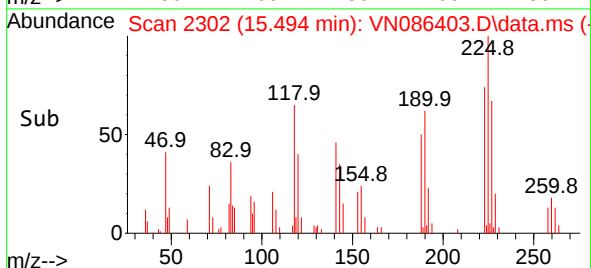
Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025

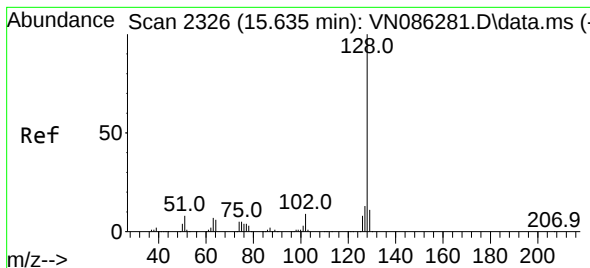


#94
Hexachlorobutadiene
Concen: 16.121 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56



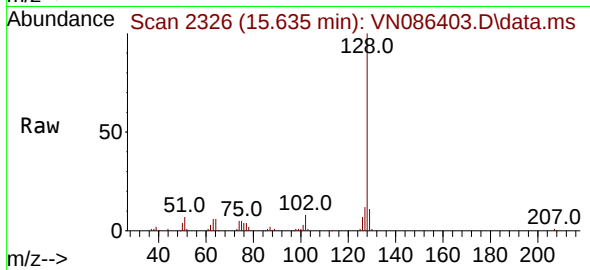
Tgt Ion:225 Resp: 12921
Ion Ratio Lower Upper
225 100
223 68.8 32.8 98.3
227 64.6 31.4 94.0





#95
Naphthalene
Concen: 16.246 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

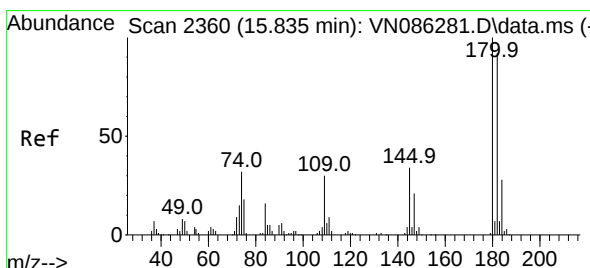
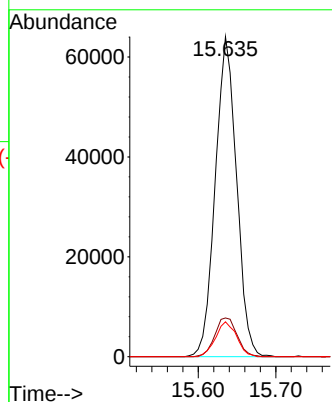
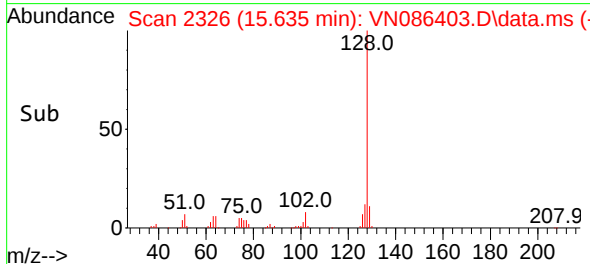
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBSD01



Tgt Ion:128 Resp: 122275
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 04/29/2025
Supervised By :Semsettin Yesilyurt 04/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.790 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086403.D
Acq: 28 Apr 2025 11:56

Tgt Ion:180 Resp: 33750
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 32.7 17.2 51.5

