

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086681.D
 Acq On : 19 May 2025 11:40
 Operator : JC\MD
 Sample : VN0519WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 20 03:15:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	242324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	430723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	389046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149968	44.787	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.580%		
35) Dibromofluoromethane	8.165	113	118778	46.305	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.600%		
50) Toluene-d8	10.565	98	506119	47.612	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.220%		
62) 4-Bromofluorobenzene	12.847	95	176416	47.001	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49283	18.832	ug/l	97
3) Chloromethane	2.360	50	69878	17.654	ug/l	100
4) Vinyl Chloride	2.512	62	63303	17.808	ug/l	97
5) Bromomethane	2.960	94	34684	16.925	ug/l	94
6) Chloroethane	3.124	64	39706	17.051	ug/l	95
7) Trichlorofluoromethane	3.501	101	73086	17.204	ug/l	97
8) Diethyl Ether	3.959	74	29949	17.065	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	44607	17.540	ug/l	98
10) Methyl Iodide	4.583	142	54223	17.140	ug/l	100
11) Tert butyl alcohol	5.518	59	49084	80.487	ug/l	100
12) 1,1-Dichloroethene	4.342	96	46170	17.082	ug/l	99
13) Acrolein	4.183	56	57954	88.896	ug/l	99
14) Allyl chloride	5.024	41	69941	17.096	ug/l	97
15) Acrylonitrile	5.718	53	124137	82.213	ug/l	100
16) Acetone	4.424	43	97593	77.915	ug/l	94
17) Carbon Disulfide	4.712	76	131089	17.518	ug/l	98
18) Methyl Acetate	5.024	43	52698	15.032	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	154563	16.795	ug/l	99
20) Methylene Chloride	5.277	84	53516	16.191	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	47965	16.785	ug/l	97
22) Diisopropyl ether	6.665	45	159630	17.296	ug/l	99
23) Vinyl Acetate	6.600	43	583110	84.064	ug/l	99
24) 1,1-Dichloroethane	6.565	63	91603	16.905	ug/l	98
25) 2-Butanone	7.477	43	159786	82.554	ug/l	99
26) 2,2-Dichloropropane	7.489	77	78678	17.594	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	59097	16.848	ug/l	99
28) Bromochloromethane	7.812	49	41560	16.881	ug/l	99
29) Tetrahydrofuran	7.836	42	105126	83.212	ug/l	99
30) Chloroform	7.965	83	91906	16.945	ug/l	99
31) Cyclohexane	8.253	56	86247	17.162	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	78458	17.158	ug/l	97
36) 1,1-Dichloropropene	8.371	75	65801	17.391	ug/l	99
37) Ethyl Acetate	7.553	43	65495	17.136	ug/l	98
38) Carbon Tetrachloride	8.359	117	66228	17.765	ug/l	99
39) Methylcyclohexane	9.594	83	73891	18.044	ug/l	99
40) Benzene	8.600	78	216567	17.546	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	34541	16.738	ug/l	99
42) 1,2-Dichloroethane	8.665	62	66602	17.320	ug/l	98
43) Isopropyl Acetate	8.683	43	117078	15.280	ug/l	99
44) Trichloroethene	9.347	130	53506	17.973	ug/l	100
45) 1,2-Dichloropropane	9.618	63	51797	17.665	ug/l	94
46) Dibromomethane	9.706	93	34697	17.537	ug/l	98
47) Bromodichloromethane	9.883	83	70474	17.288	ug/l	95
48) Methyl methacrylate	9.677	41	51103	17.212	ug/l	98
49) 1,4-Dioxane	9.688	88	21324	339.180	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	326935	84.612	ug/l	100
52) Toluene	10.624	92	138986	18.117	ug/l	99
53) t-1,3-Dichloropropene	10.830	75	76852	17.806	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	84776	17.993	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	48933	17.099	ug/l	99
56) Ethyl methacrylate	10.871	69	81783	17.799	ug/l	99
57) 1,3-Dichloropropane	11.159	76	86338	17.513	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	180751	88.021	ug/l	99
59) 2-Hexanone	11.188	43	241985	85.760	ug/l	100
60) Dibromochloromethane	11.353	129	53003	17.673	ug/l	99
61) 1,2-Dibromoethane	11.465	107	50100	17.422	ug/l	99
64) Tetrachloroethene	11.100	164	54349	18.236	ug/l	97
65) Chlorobenzene	11.888	112	149040	17.470	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	48200	17.501	ug/l	99
67) Ethyl Benzene	11.959	91	258095	17.663	ug/l	99
68) m/p-Xylenes	12.071	106	200371	36.203	ug/l	99
69) o-Xylene	12.394	106	96812	17.594	ug/l	96
70) Styrene	12.406	104	160801	17.850	ug/l	99
71) Bromoform	12.577	173	35358	18.052	ug/l #	97
73) Isopropylbenzene	12.694	105	235414	18.595	ug/l	100
74) N-amyl acetate	12.488	43	94110	17.792	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	68327	17.568	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	63642m	17.168	ug/l	
77) Bromobenzene	12.977	156	56672	17.796	ug/l	99
78) n-propylbenzene	13.029	91	272787	18.776	ug/l	99
79) 2-Chlorotoluene	13.124	91	174565	18.479	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	187764	18.512	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	25562	17.402	ug/l	87
82) 4-Chlorotoluene	13.218	91	170845	18.255	ug/l	98
83) tert-Butylbenzene	13.435	119	161663	18.277	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	187847	18.598	ug/l	100
85) sec-Butylbenzene	13.612	105	222823	18.787	ug/l	100
86) p-Isopropyltoluene	13.724	119	183190	18.843	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	98359	17.836	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	97827	17.905	ug/l	99
89) n-Butylbenzene	14.053	91	149343	18.530	ug/l	100
90) Hexachloroethane	14.329	117	29786	18.466	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	93742	17.872	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11660	18.097	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	39675	17.920	ug/l	99
94) Hexachlorobutadiene	15.494	225	16592	18.063	ug/l	97
95) Naphthalene	15.635	128	131552	17.113	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	38228	17.632	ug/l	99

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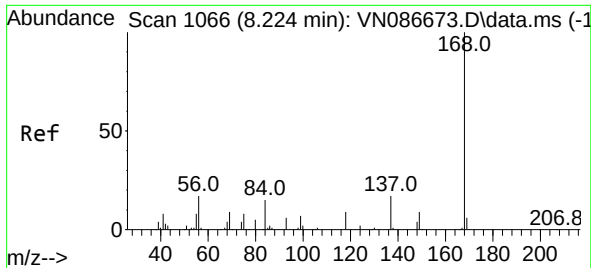
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

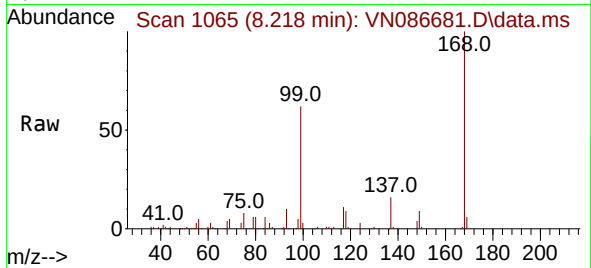
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
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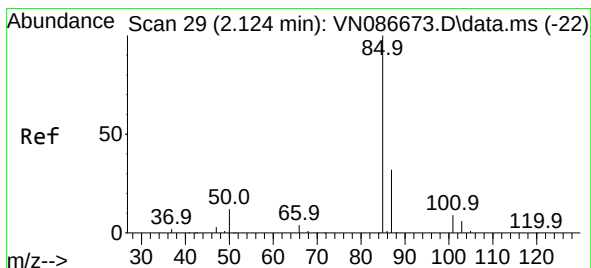
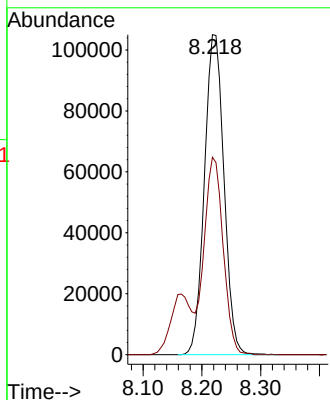
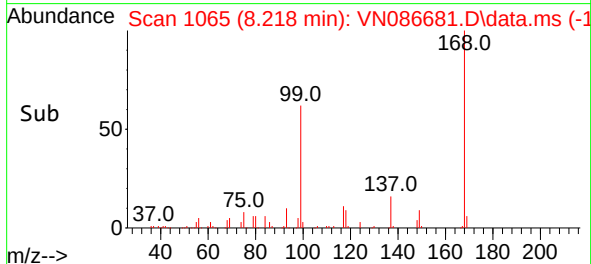
Instrument :
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Tgt Ion:168 Resp: 242324
Ion Ratio Lower Upper
168 100
99 61.7 47.0 70.4

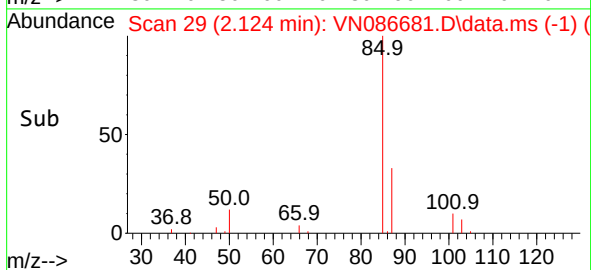
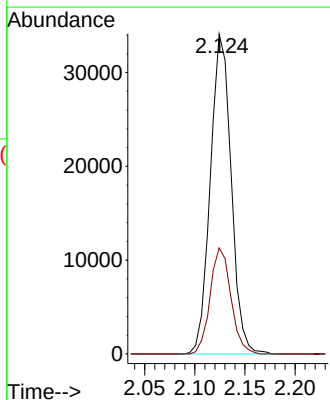
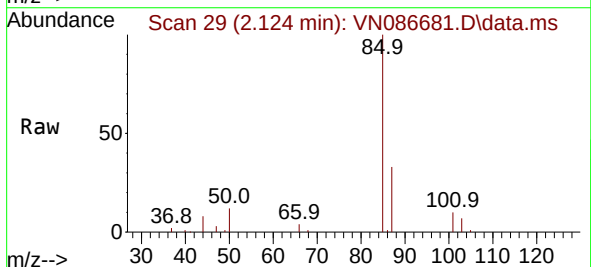
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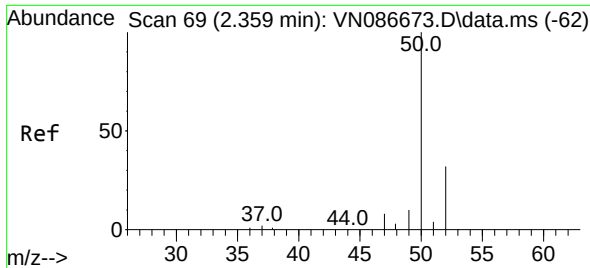
Reviewed By :John Carlone 05/21/2025
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#2
Dichlorodifluoromethane
Concen: 18.832 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

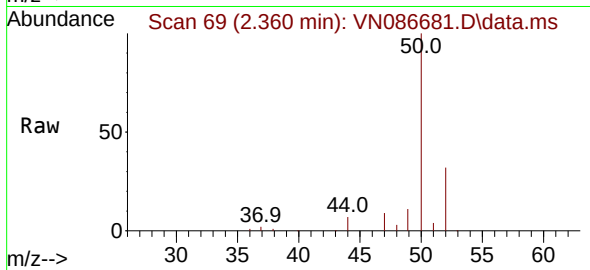
Tgt Ion: 85 Resp: 49283
Ion Ratio Lower Upper
85 100
87 33.2 15.9 47.6





#3
Chloromethane
Concen: 17.654 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

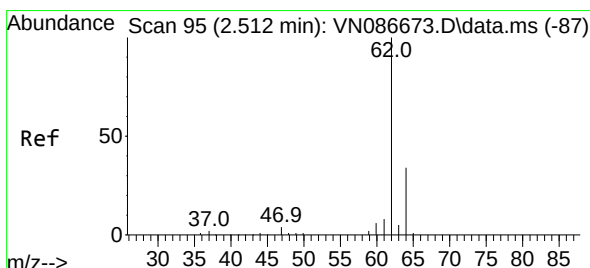
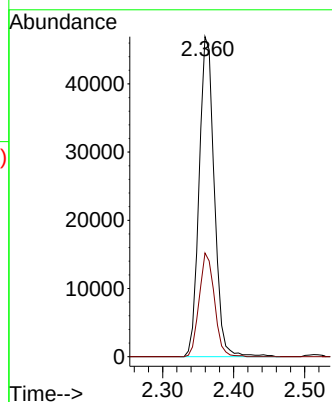
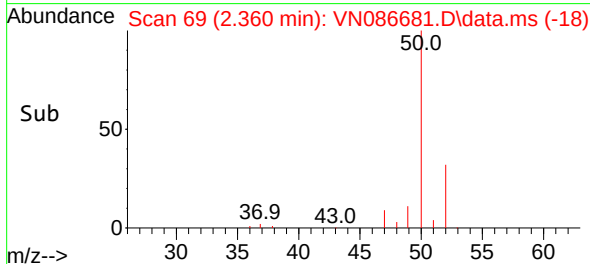
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Tgt Ion: 50 Resp: 69878
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

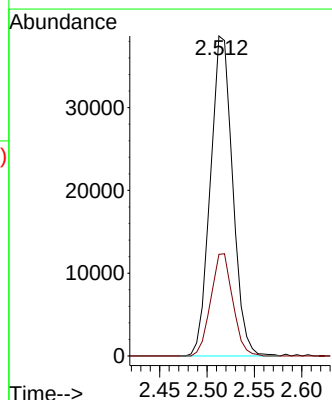
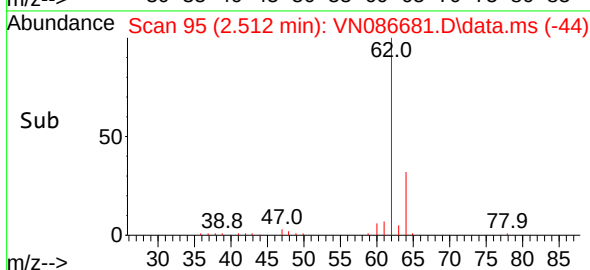
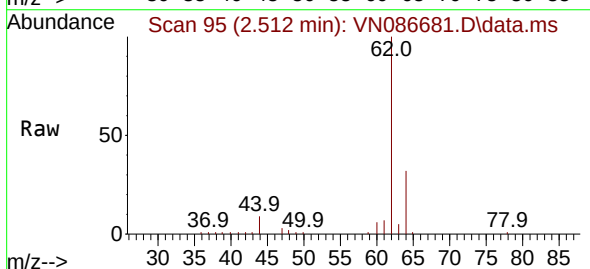
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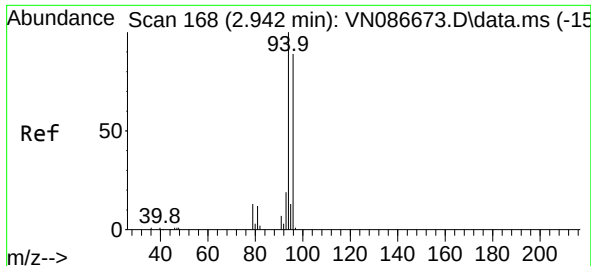
Reviewed By :John Carlone 05/21/2025
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#4
Vinyl Chloride
Concen: 17.808 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086681.D
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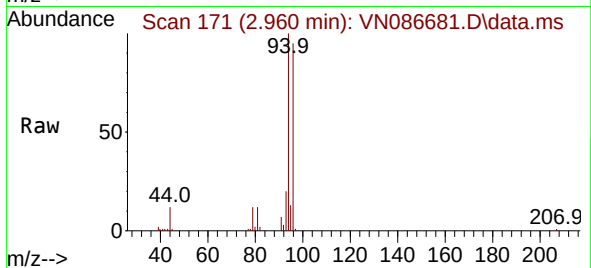
Tgt Ion: 62 Resp: 63303
Ion Ratio Lower Upper
62 100
64 31.7 26.9 40.3





#5
Bromomethane
Concen: 16.925 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086681.D
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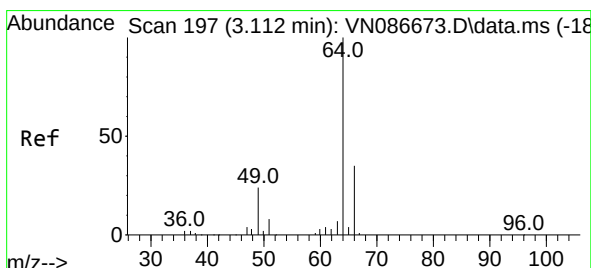
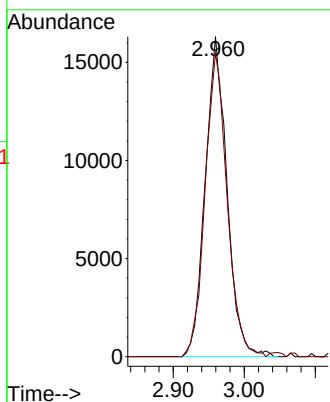
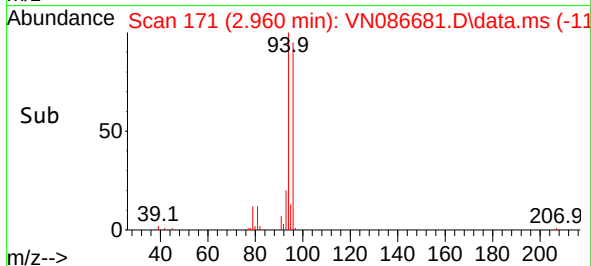
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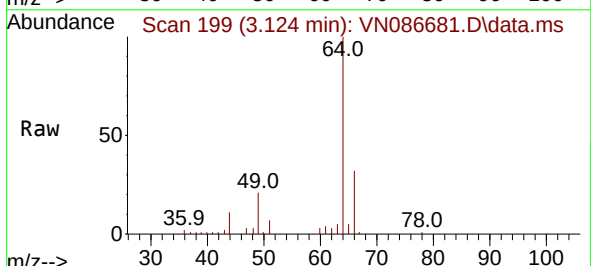
Tgt Ion: 94 Resp: 34684
Ion Ratio Lower Upper
94 100
96 94.8 71.2 106.8

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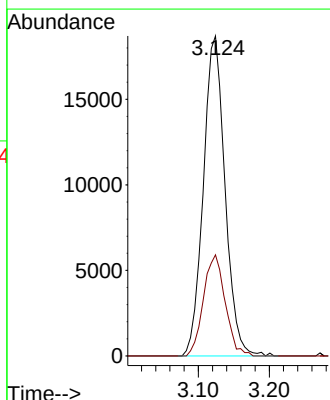
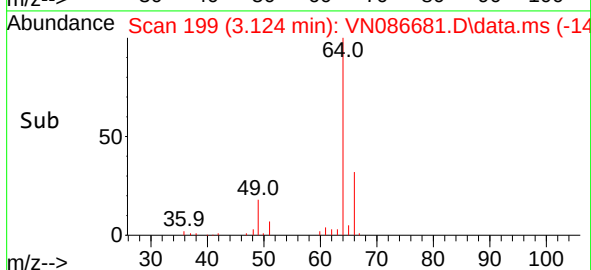
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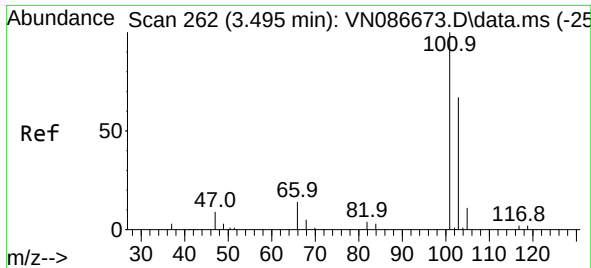


#6
Chloroethane
Concen: 17.051 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086681.D
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Tgt Ion: 64 Resp: 39706
Ion Ratio Lower Upper
64 100
66 31.6 27.7 41.5





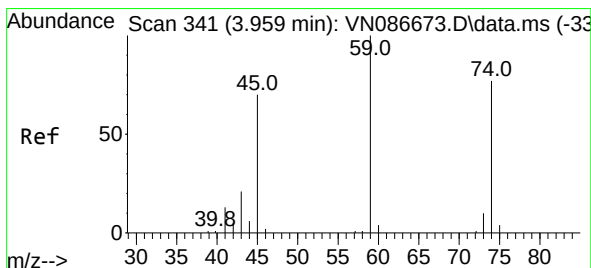
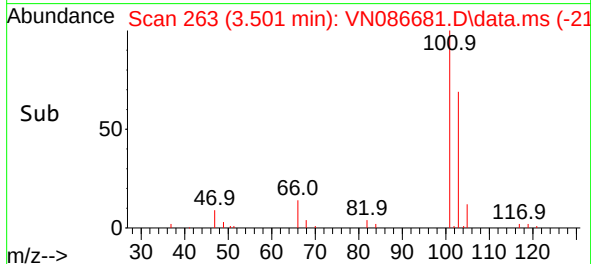
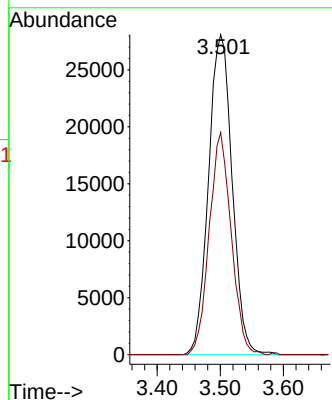
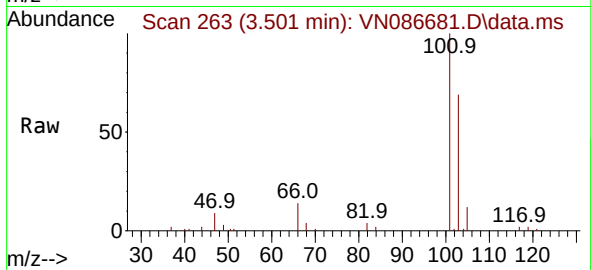
#7
Trichlorofluoromethane
Concen: 17.204 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN086681.D
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Tgt Ion:101 Resp: 7308
Ion Ratio Lower Upper
101 100
103 69.4 53.4 80.0

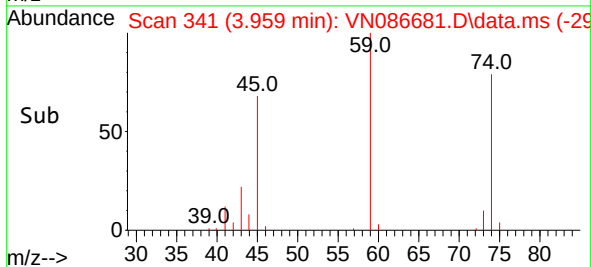
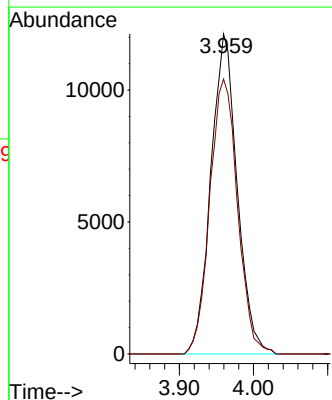
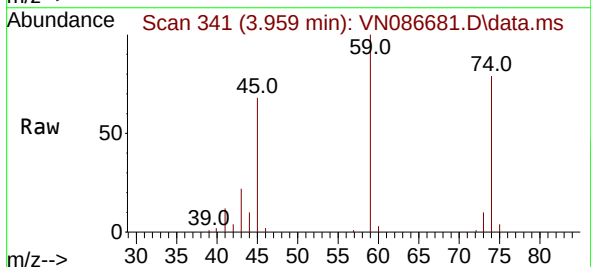
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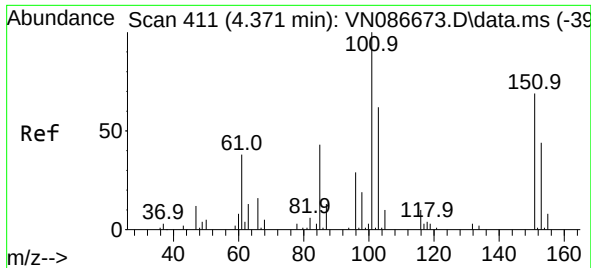
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#8
Diethyl Ether
Concen: 17.065 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN086681.D
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Tgt Ion: 74 Resp: 29949
Ion Ratio Lower Upper
74 100
45 90.2 45.0 135.0





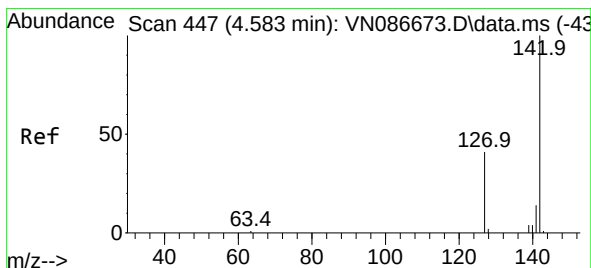
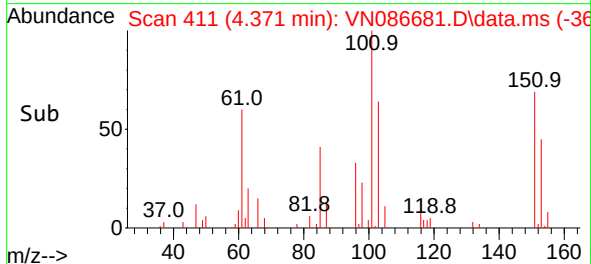
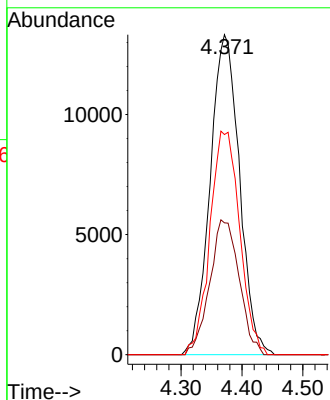
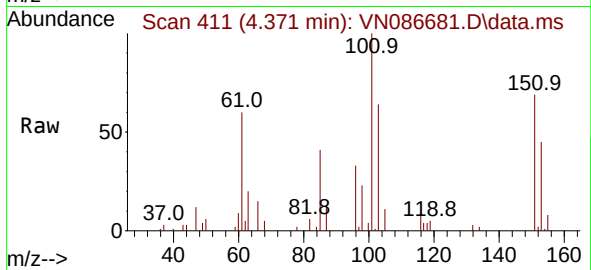
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.540 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086681.D
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MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion:101 Resp: 4460
Ion Ratio Lower Upper
101 100
85 42.2 35.0 52.6
151 70.7 58.1 87.1

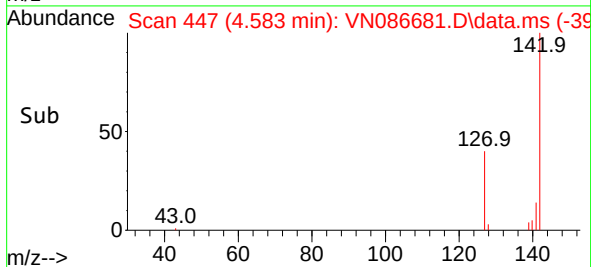
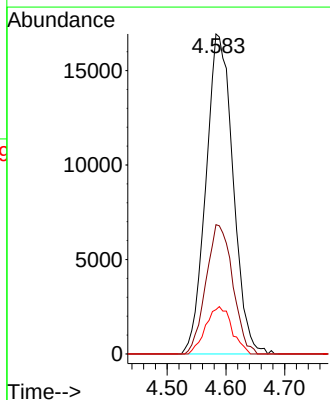
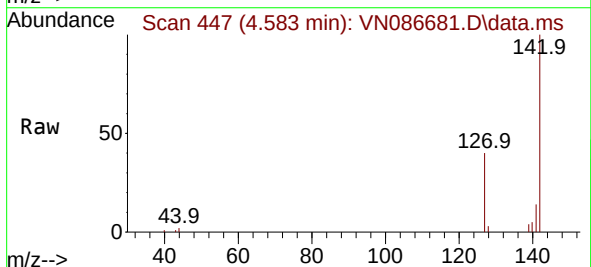
Manual Integrations
APPROVED

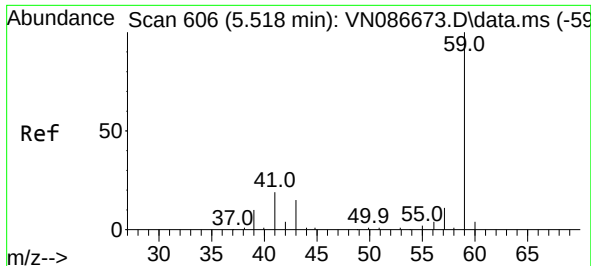
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#10
Methyl Iodide
Concen: 17.140 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion:142 Resp: 54223
Ion Ratio Lower Upper
142 100
127 40.4 32.4 48.6
141 13.8 11.4 17.2





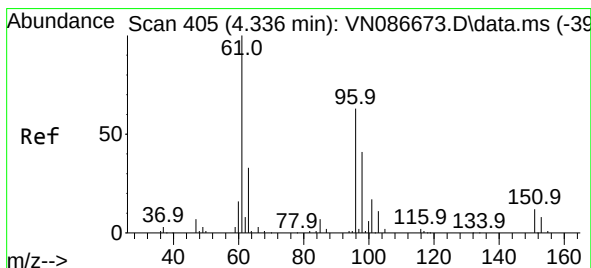
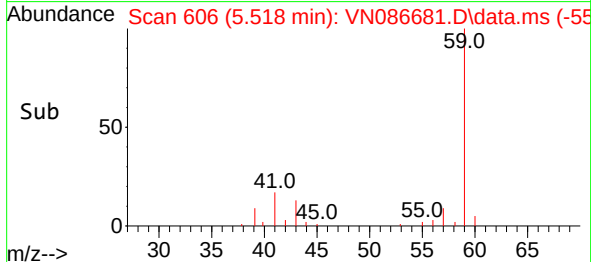
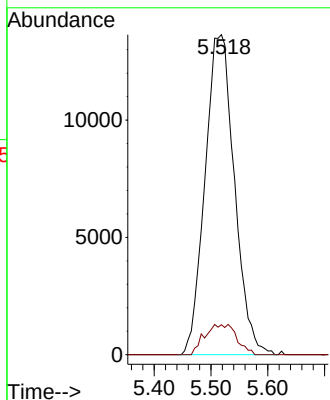
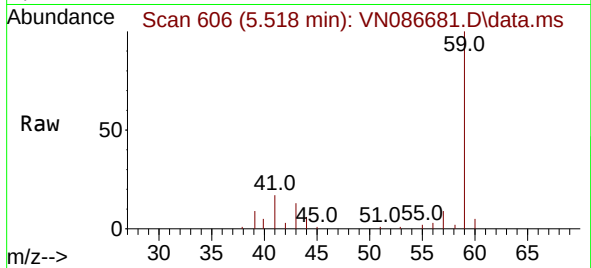
#11
Tert butyl alcohol
Concen: 80.487 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion: 59 Resp: 49084
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

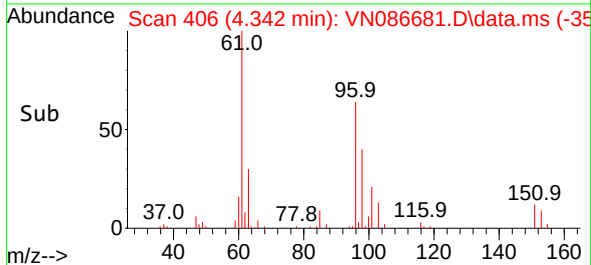
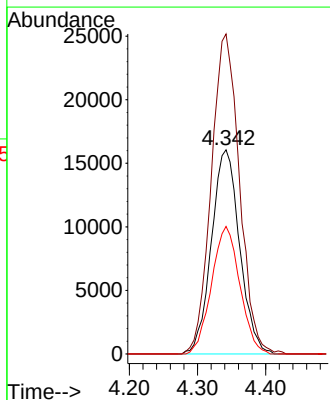
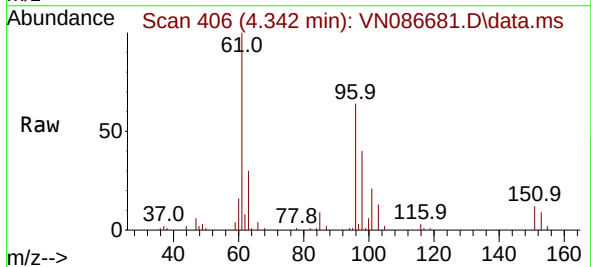
Manual Integrations
APPROVED

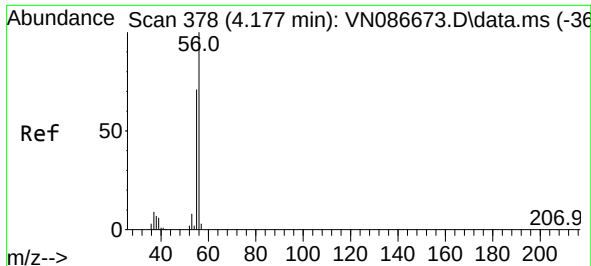
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#12
1,1-Dichloroethene
Concen: 17.082 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

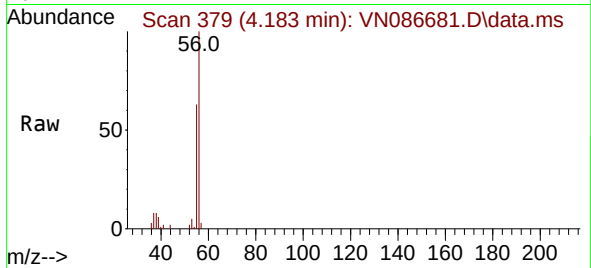
Tgt Ion: 96 Resp: 46170
Ion Ratio Lower Upper
96 100
61 156.7 126.2 189.2
98 62.5 51.5 77.3





#13
Acrolein
Concen: 88.896 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

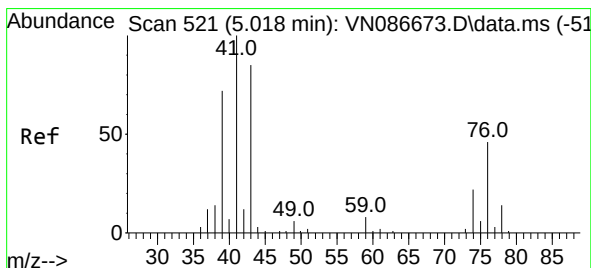
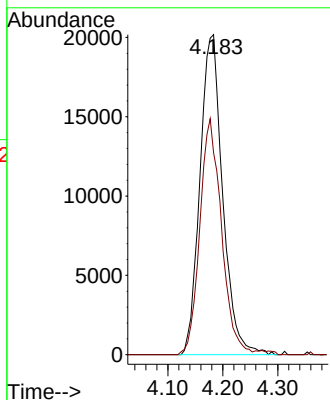
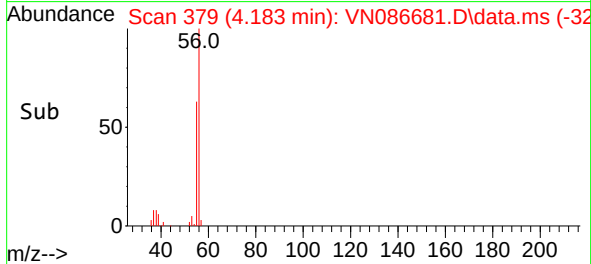
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



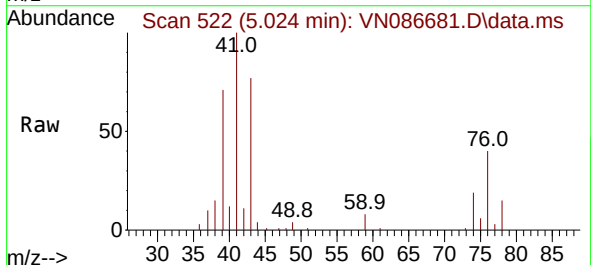
Tgt Ion: 56 Resp: 57954
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

Manual Integrations
APPROVED

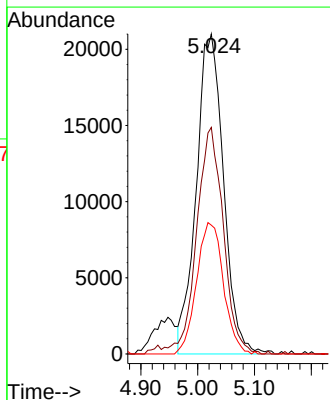
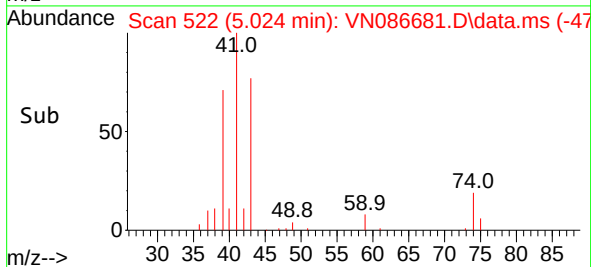
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

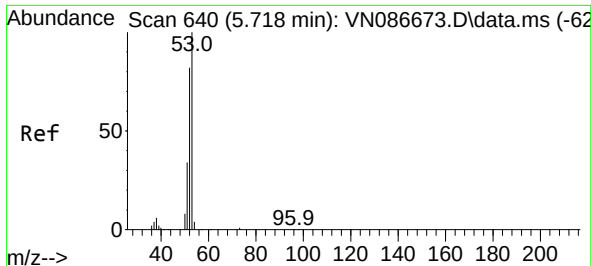


#14
Allyl chloride
Concen: 17.096 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40



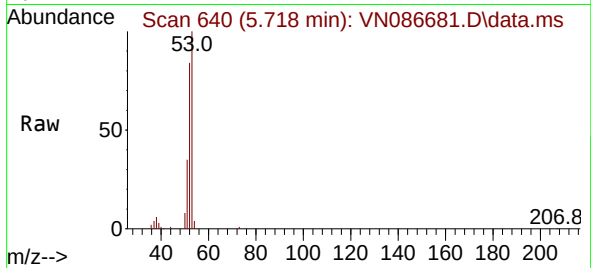
Tgt Ion: 41 Resp: 69941
Ion Ratio Lower Upper
41 100
39 69.1 57.4 86.0
76 40.5 33.2 49.8





#15
Acrylonitrile
Concen: 82.213 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

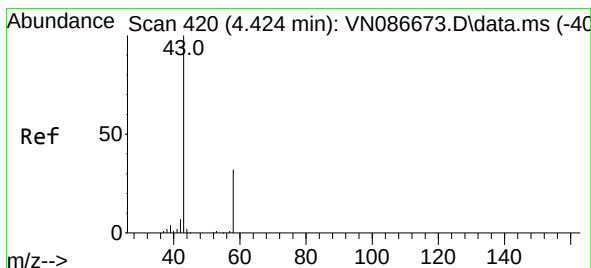
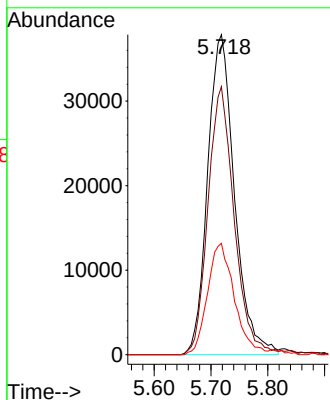
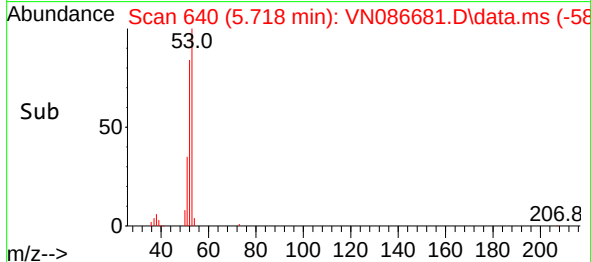
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 53 Resp: 124137
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.2
51 34.9 27.9 41.9

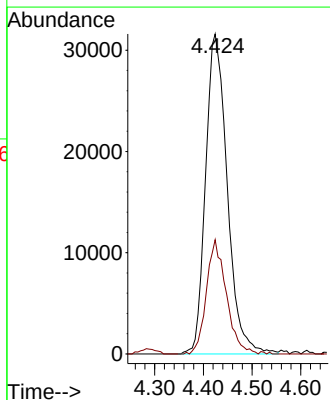
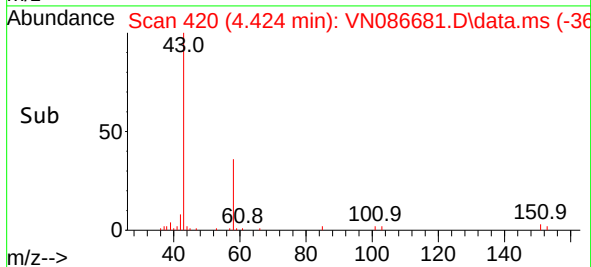
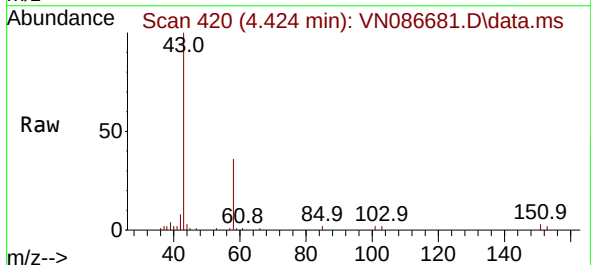
Manual Integrations
APPROVED

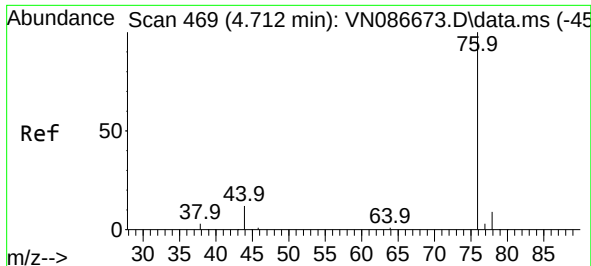
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 77.915 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

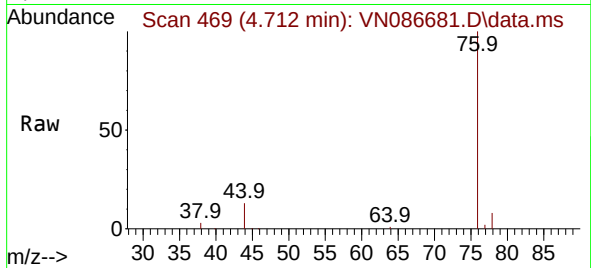
Tgt Ion: 43 Resp: 97593
Ion Ratio Lower Upper
43 100
58 35.7 25.8 38.6





#17
Carbon Disulfide
Concen: 17.518 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

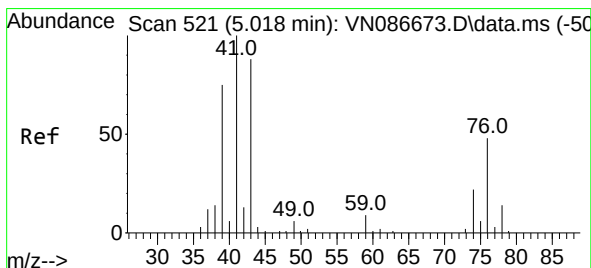
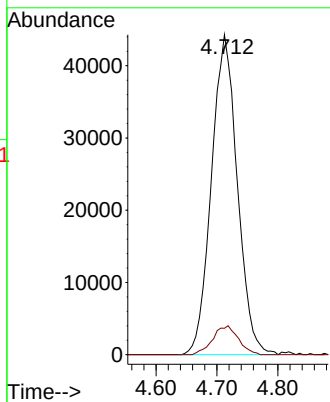
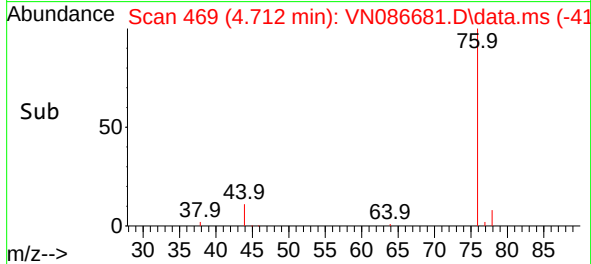
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 76 Resp: 131089
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

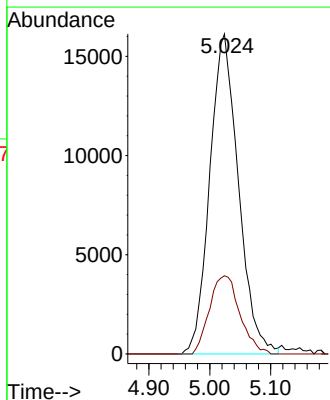
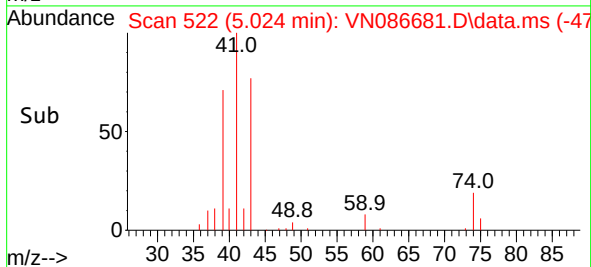
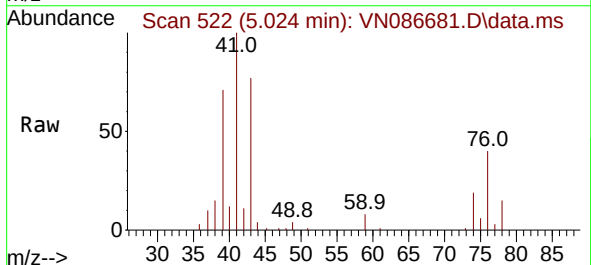
Manual Integrations
APPROVED

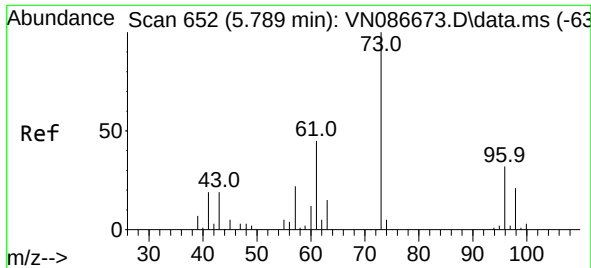
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#18
Methyl Acetate
Concen: 15.032 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion: 43 Resp: 52698
Ion Ratio Lower Upper
43 100
74 25.9 20.5 30.7





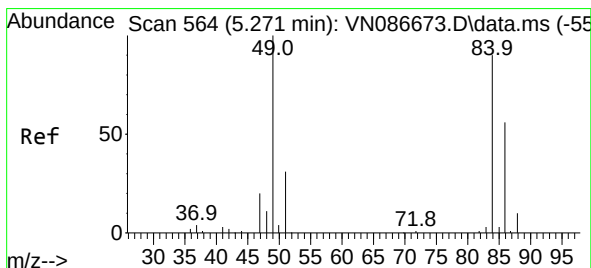
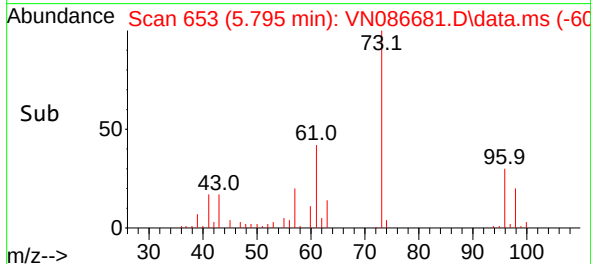
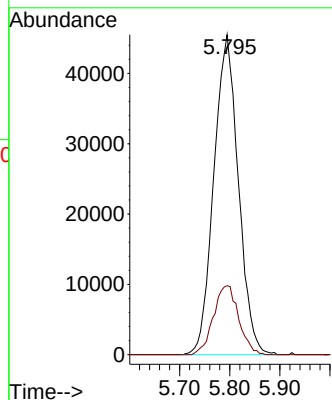
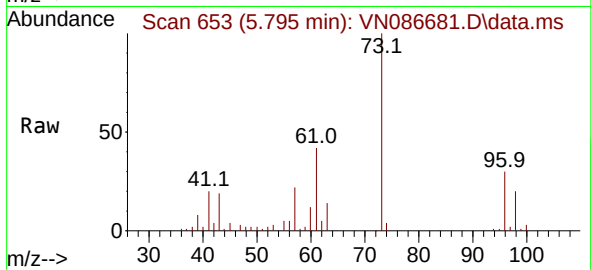
#19
Methyl tert-butyl Ether
Concen: 16.795 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion: 73 Resp: 15456
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

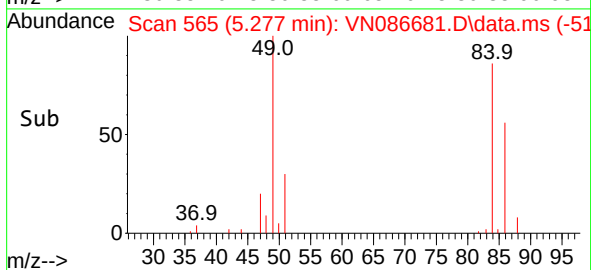
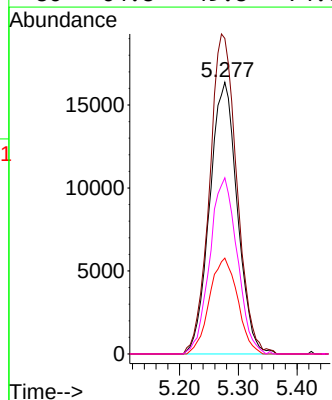
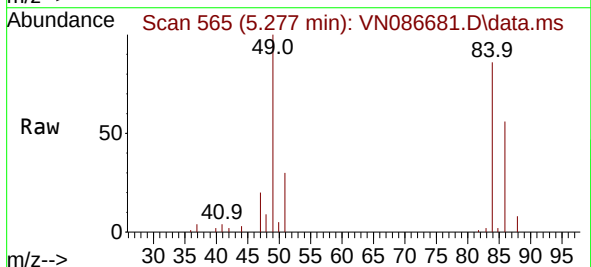
Manual Integrations
APPROVED

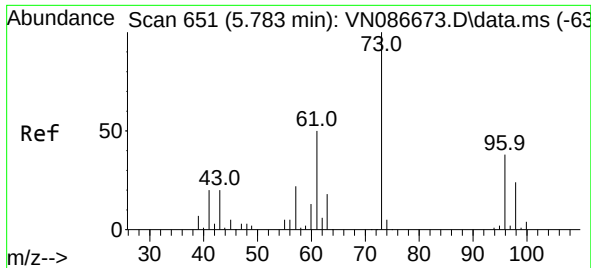
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 16.191 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

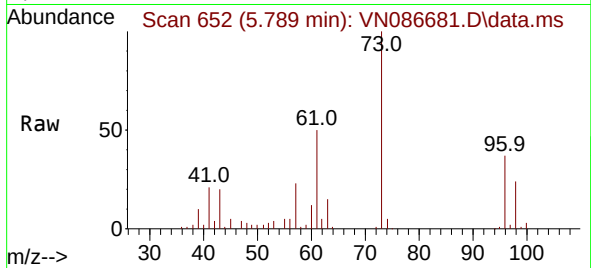
Tgt Ion: 84 Resp: 53516
Ion Ratio Lower Upper
84 100
49 116.1 88.8 133.2
51 35.3 27.8 41.6
86 64.8 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 16.785 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

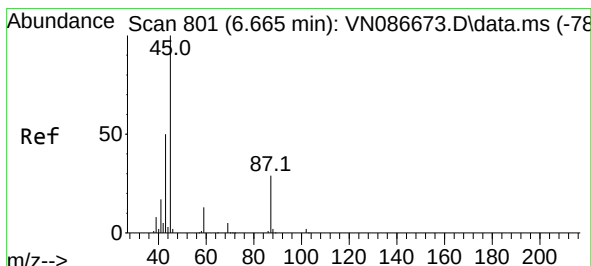
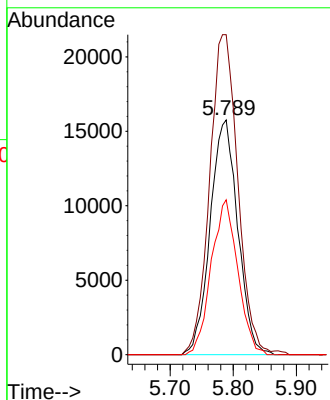
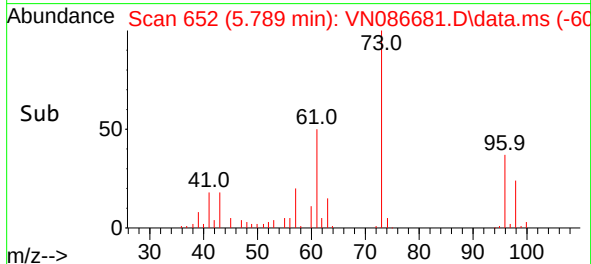
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 96 Resp: 4796
Ion Ratio Lower Upper
96 100
61 136.3 105.7 158.5
98 65.9 51.0 76.6

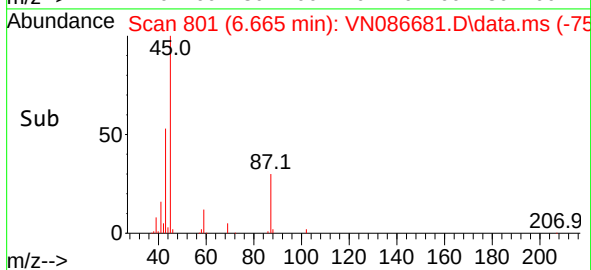
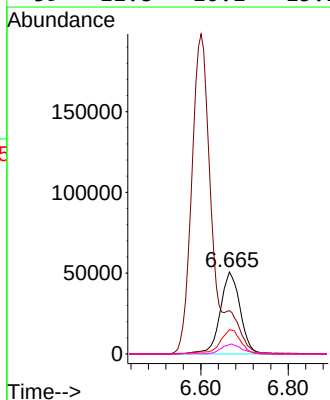
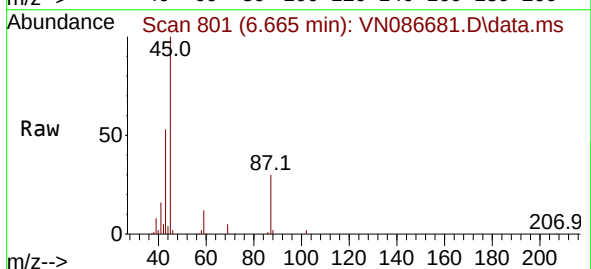
Manual Integrations
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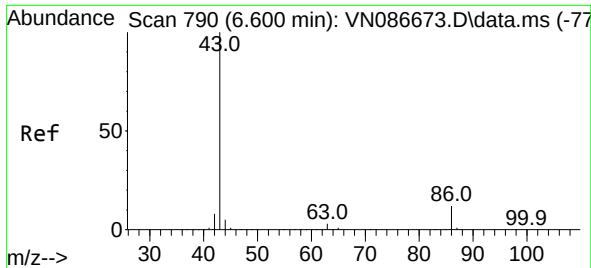
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#22
Diisopropyl ether
Concen: 17.296 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion: 45 Resp: 159630
Ion Ratio Lower Upper
45 100
43 51.8 41.4 62.2
87 29.8 22.9 34.3
59 11.8 10.1 15.1





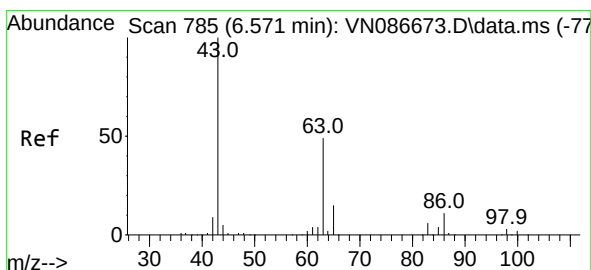
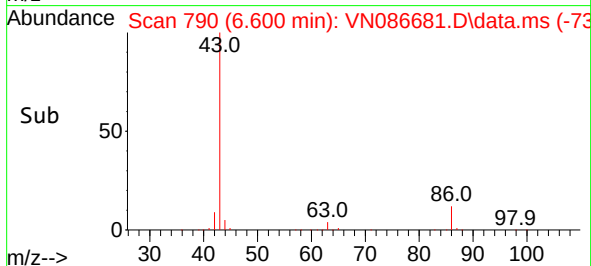
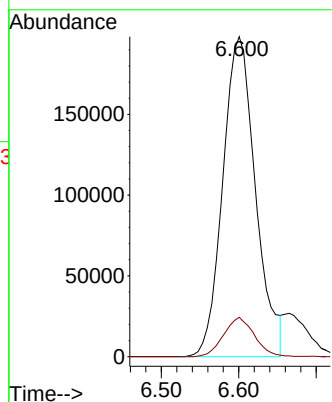
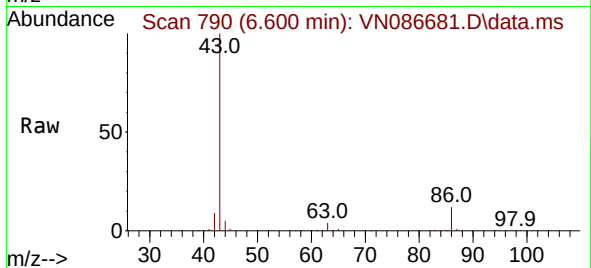
#23
 Vinyl Acetate
 Concen: 84.064 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Tgt Ion: 43 Resp: 583110
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.5 14.3

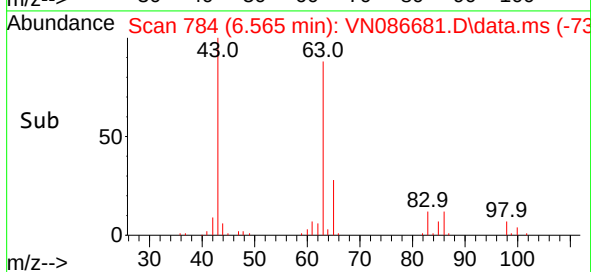
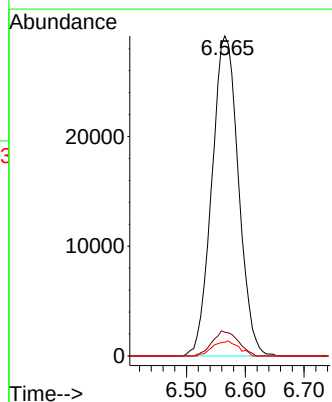
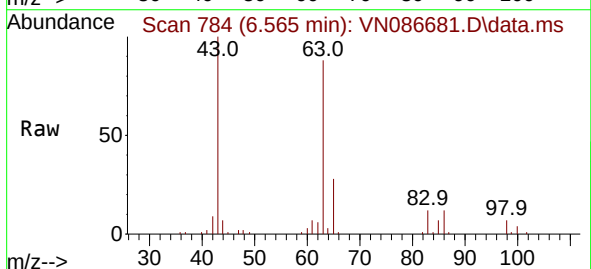
Manual Integrations
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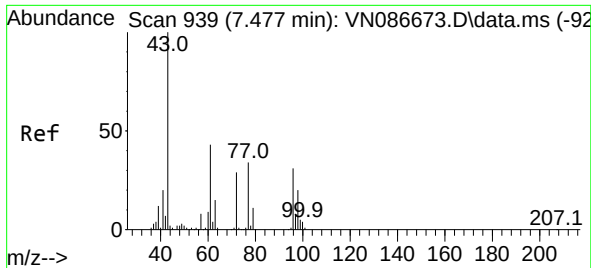
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#24
 1,1-Dichloroethane
 Concen: 16.905 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

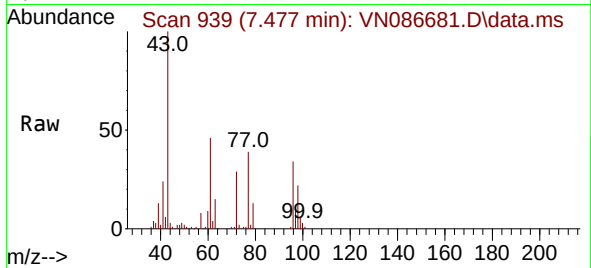
Tgt Ion: 63 Resp: 91603
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 4.3 2.4 7.1





#25
2-Butanone
Concen: 82.554 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

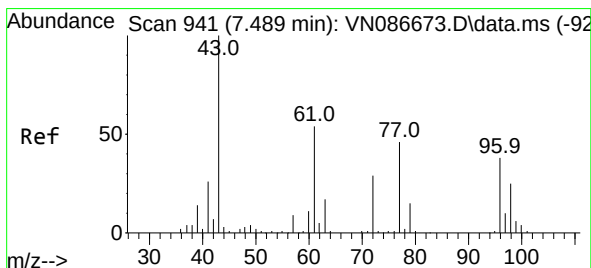
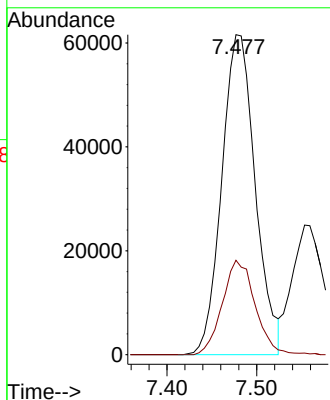
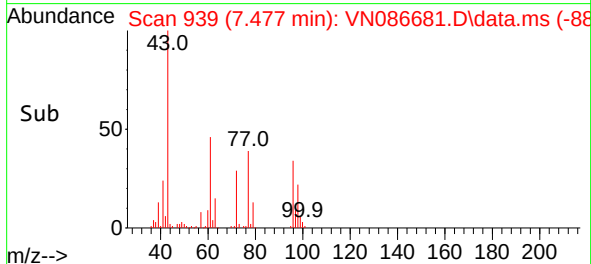
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 43 Resp: 15978
Ion Ratio Lower Upper
43 100
72 29.5 23.1 34.7

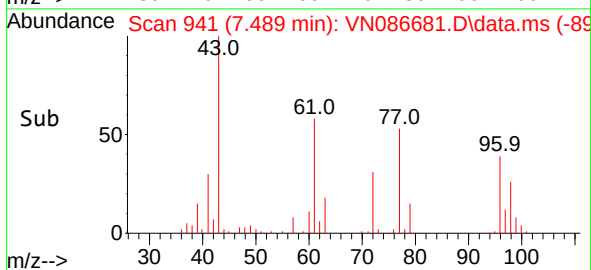
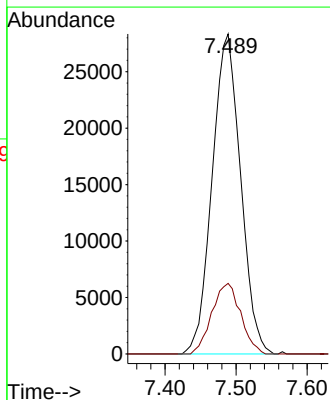
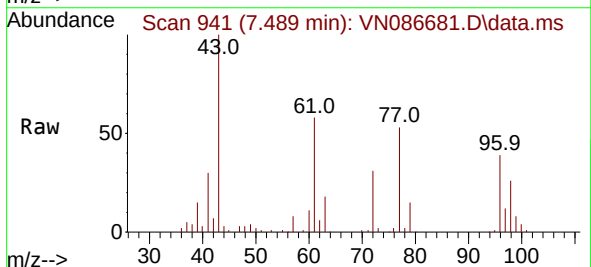
Manual Integrations
APPROVED

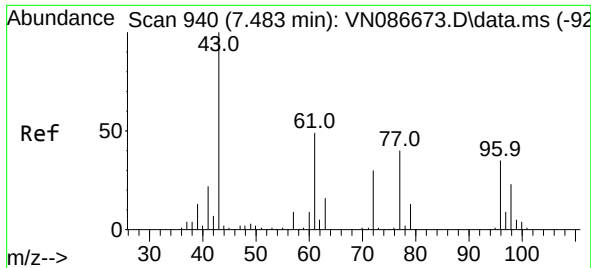
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
2,2-Dichloropropane
Concen: 17.594 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

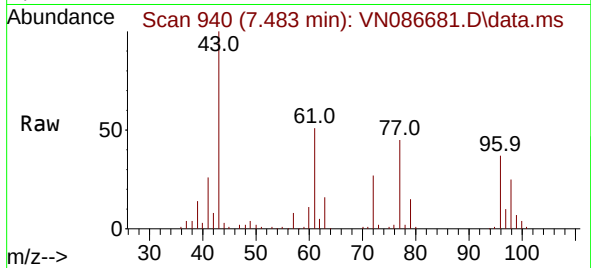
Tgt Ion: 77 Resp: 78678
Ion Ratio Lower Upper
77 100
97 22.4 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 16.848 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

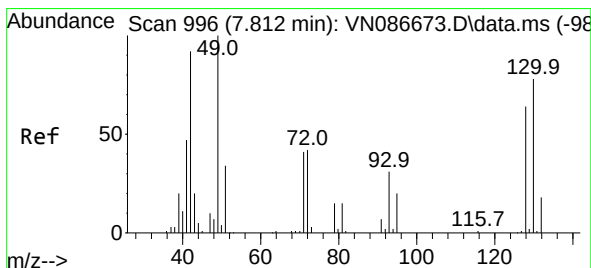
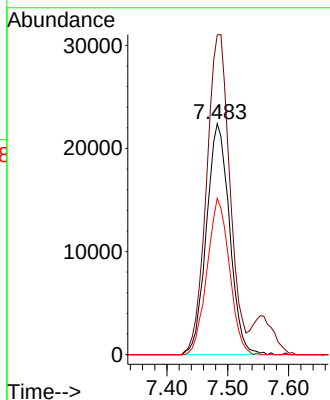
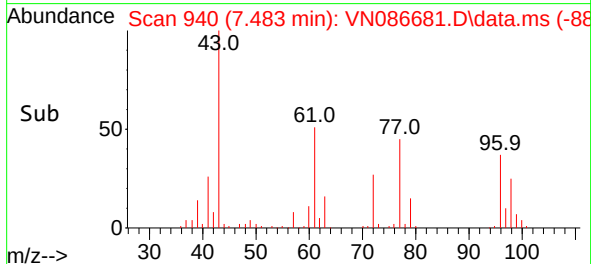
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01



Tgt Ion: 96 Resp: 5909
 Ion Ratio Lower Upper
 96 100
 61 139.6 0.0 277.4
 98 65.4 0.0 129.6

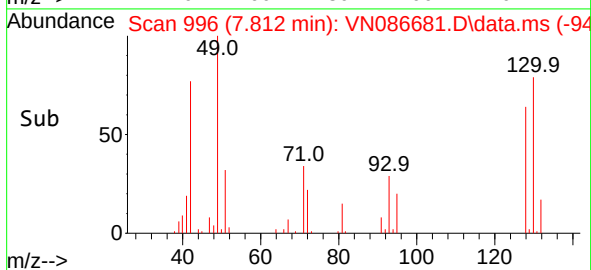
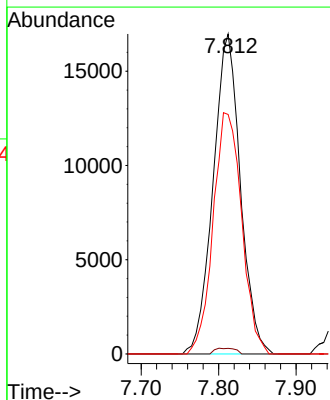
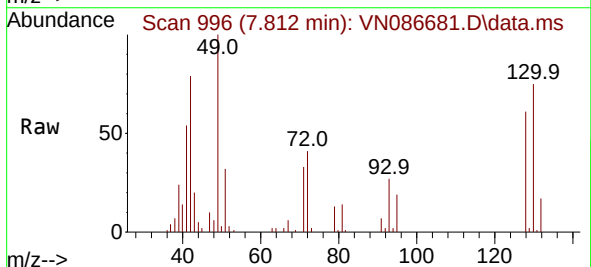
Manual Integrations
 APPROVED

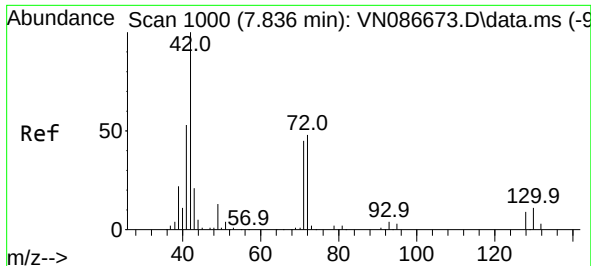
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#28
 Bromochloromethane
 Concen: 16.881 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

Tgt Ion: 49 Resp: 41560
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 78.8 62.2 93.4





#29

Tetrahydrofuran

Concen: 83.212 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086681.D

Acq: 19 May 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 42 Resp: 105120

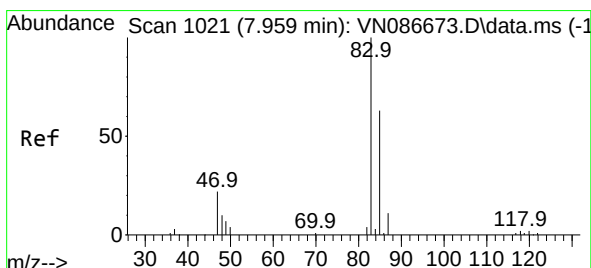
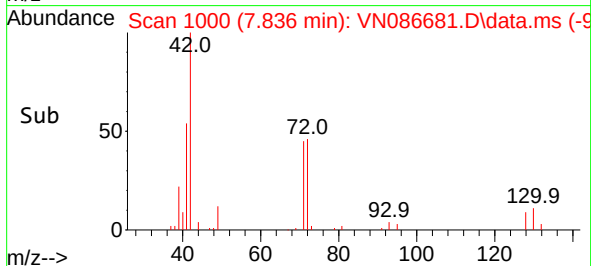
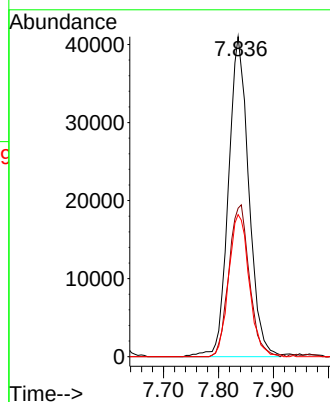
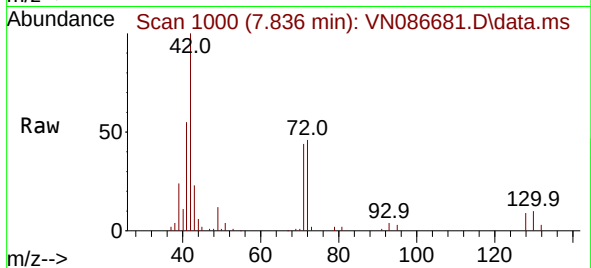
Ion	Ratio	Lower	Upper
42	100		
72	48.1	38.7	58.1
71	44.9	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Chloroform

Concen: 16.945 ug/l

RT: 7.965 min Scan# 1022

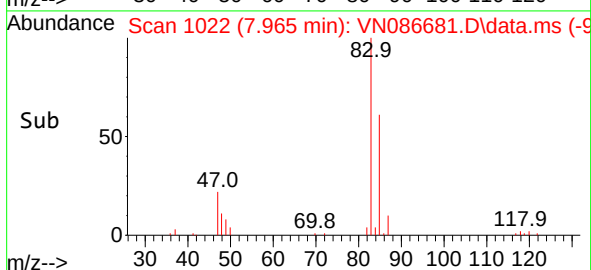
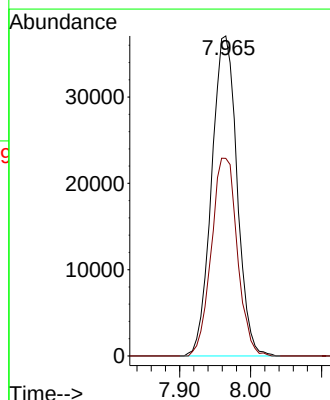
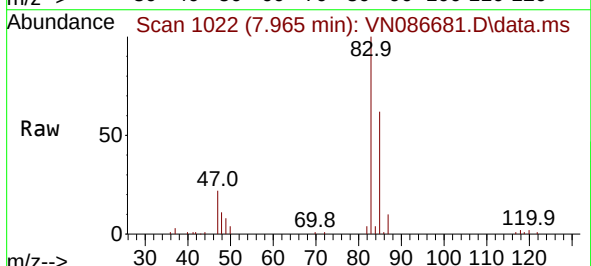
Delta R.T. 0.006 min

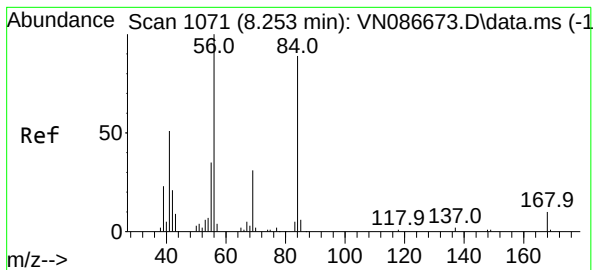
Lab File: VN086681.D

Acq: 19 May 2025 11:40

Tgt Ion: 83 Resp: 91906

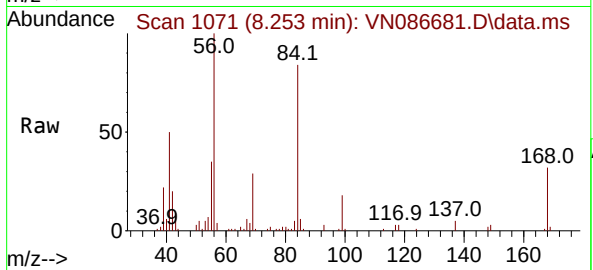
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.2	75.4





#31
Cyclohexane
Concen: 17.162 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

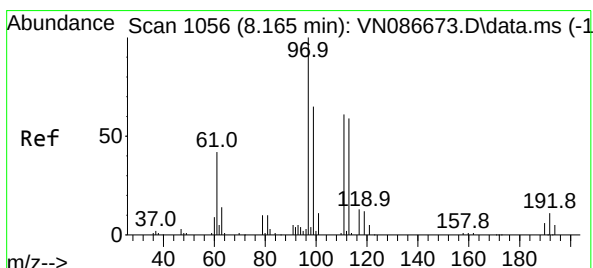
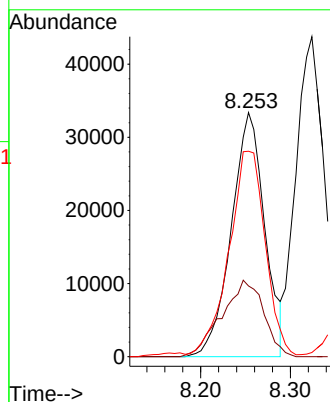
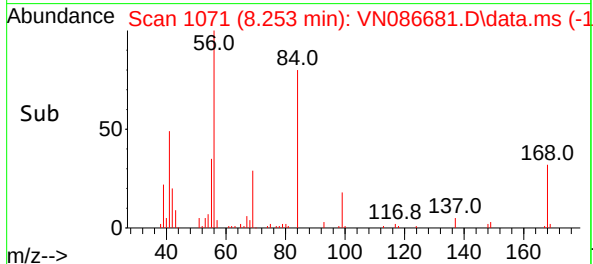
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



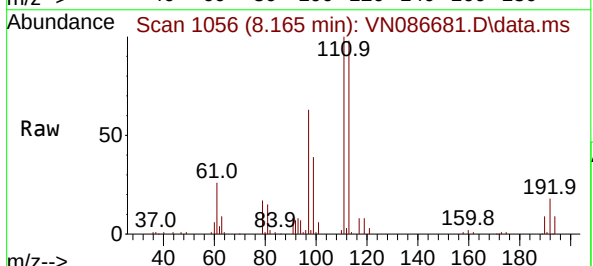
Tgt Ion: 56 Resp: 8624
Ion Ratio Lower Upper
56 100
69 28.9 25.0 37.6
84 82.6 71.0 106.4

Manual Integrations
APPROVED

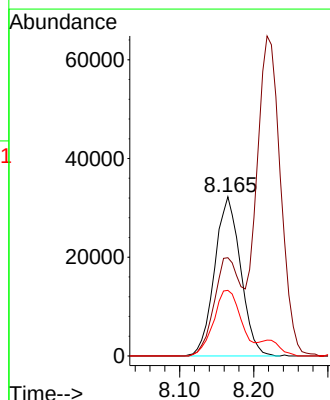
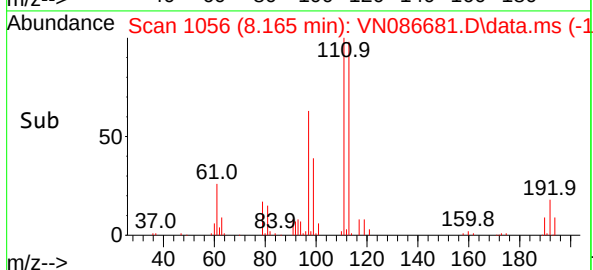
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

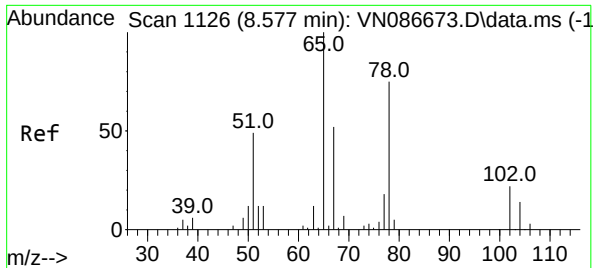


#32
1,1,1-Trichloroethane
Concen: 17.158 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40



Tgt Ion: 97 Resp: 78458
Ion Ratio Lower Upper
97 100
99 64.8 52.6 79.0
61 43.8 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 44.787 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086681.D

Acq: 19 May 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

Tgt Ion: 65 Resp: 14996

Ion Ratio Lower Upper

65 100

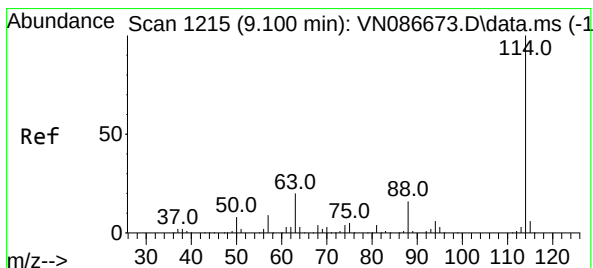
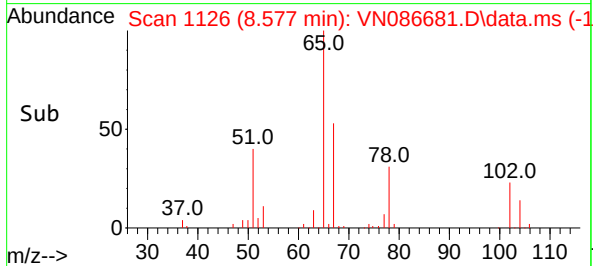
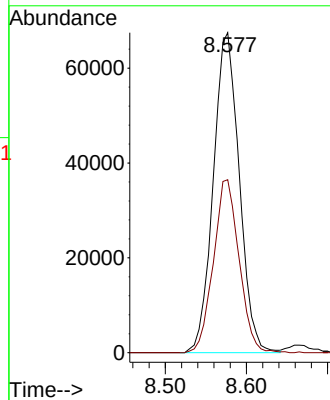
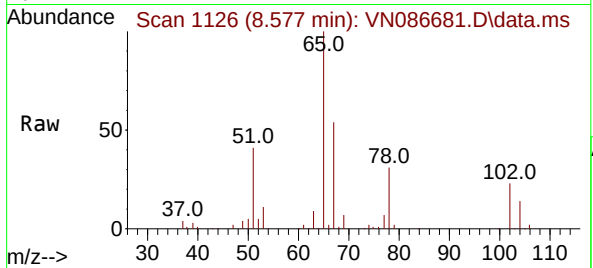
67 53.5 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086681.D

Acq: 19 May 2025 11:40

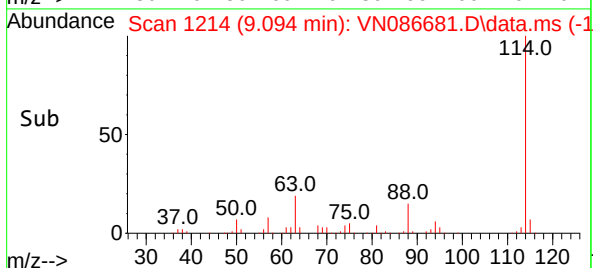
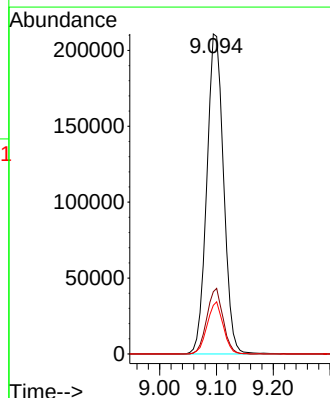
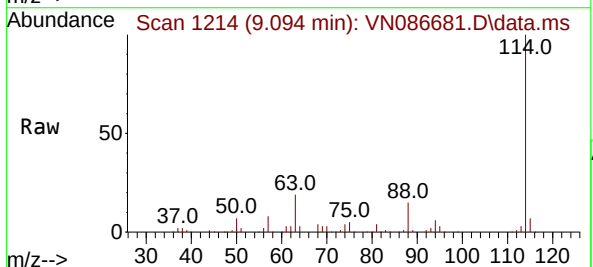
Tgt Ion:114 Resp: 430723

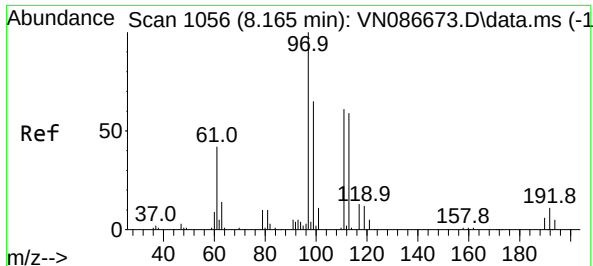
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

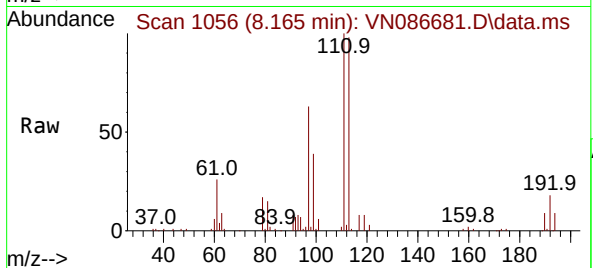
88 15.2 0.0 31.2





#35
Dibromofluoromethane
Concen: 46.305 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

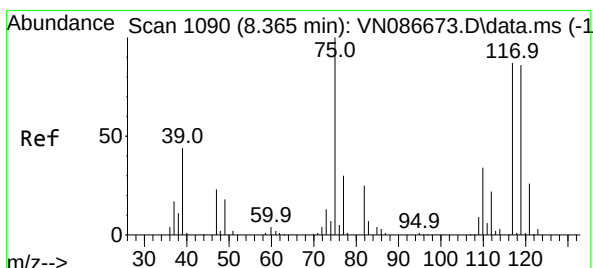
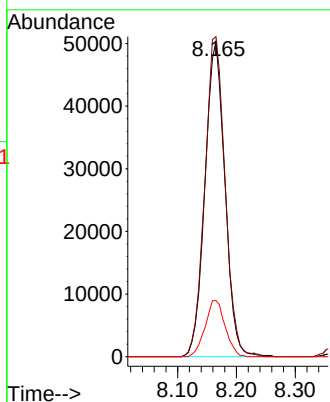
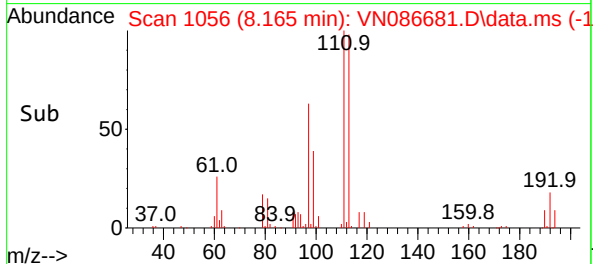
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



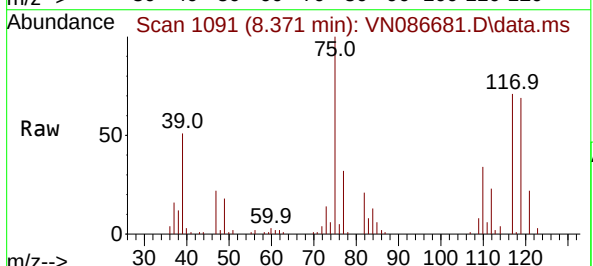
Tgt Ion: 113 Resp: 118778
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.9 13.8 20.8

Manual Integrations
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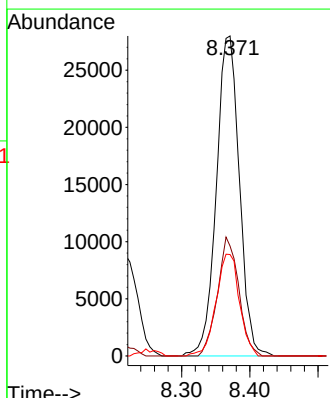
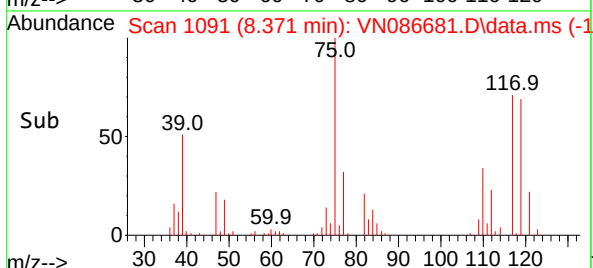
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

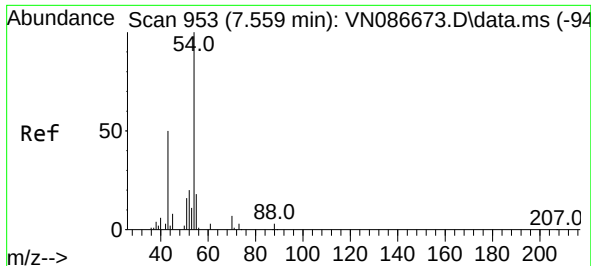


#36
1,1-Dichloropropene
Concen: 17.391 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40



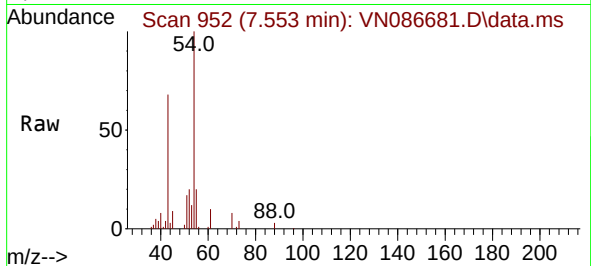
Tgt Ion: 75 Resp: 65801
Ion Ratio Lower Upper
75 100
110 34.4 17.5 52.5
77 32.3 25.1 37.7





#37
Ethyl Acetate
Concen: 17.136 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

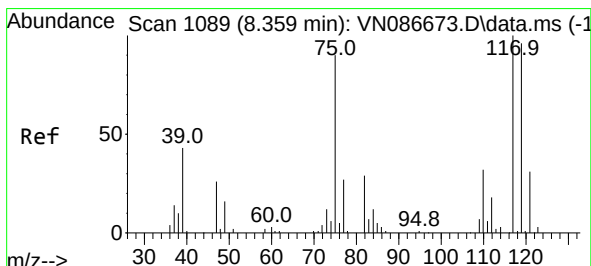
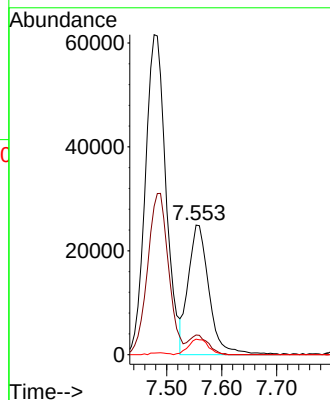
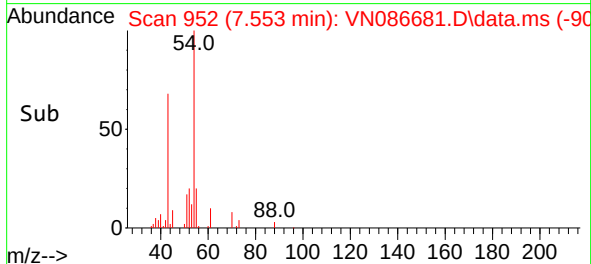
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 43 Resp: 6549
Ion Ratio Lower Upper
43 100
61 13.2 11.6 17.4
70 11.4 9.4 14.0

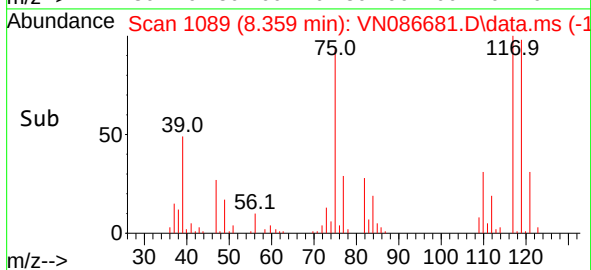
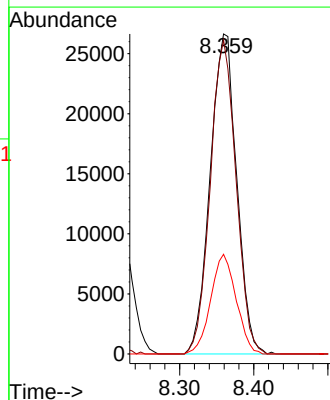
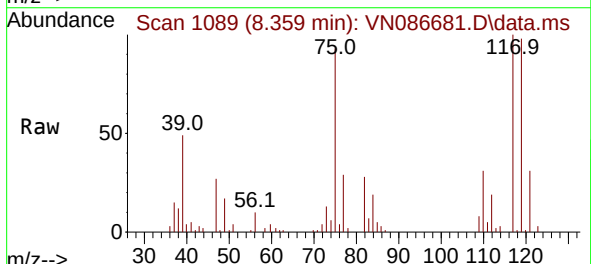
Manual Integrations
APPROVED

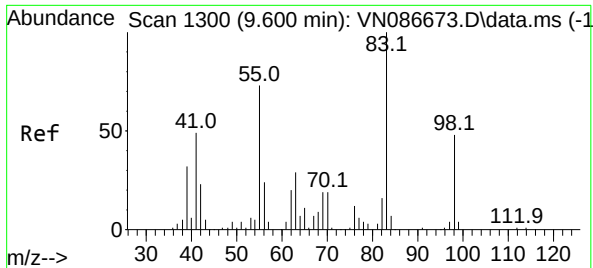
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#38
Carbon Tetrachloride
Concen: 17.765 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion:117 Resp: 66228
Ion Ratio Lower Upper
117 100
119 98.1 77.0 115.6
121 31.1 25.0 37.6





#39

Methylcyclohexane

Concen: 18.044 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086681.D

Acq: 19 May 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

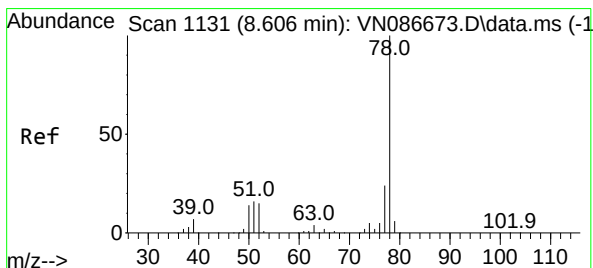
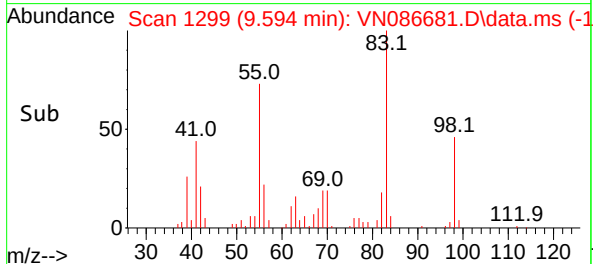
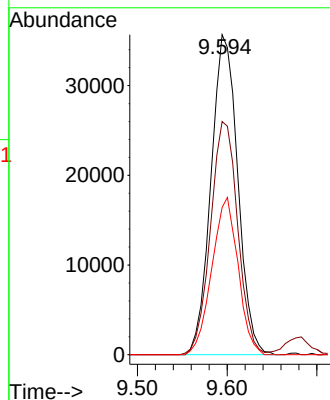
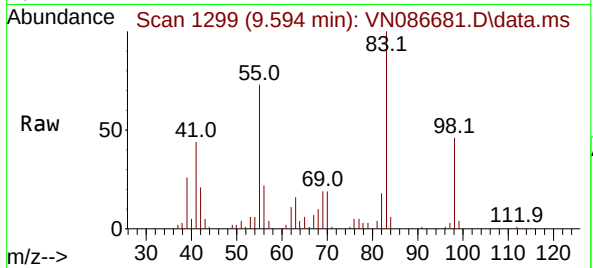
Tgt Ion: 83	Resp: 7389
Ion Ratio	Lower Upper
83	100
55	72.8 58.2 87.4
98	46.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#40

Benzene

Concen: 17.546 ug/l

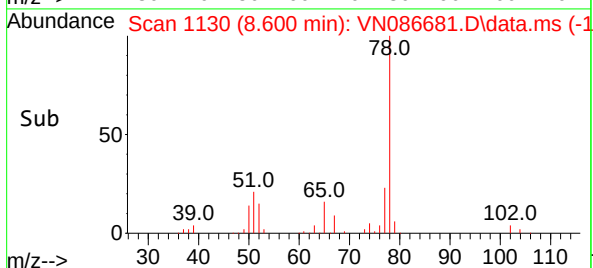
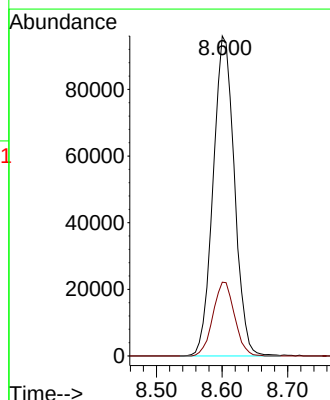
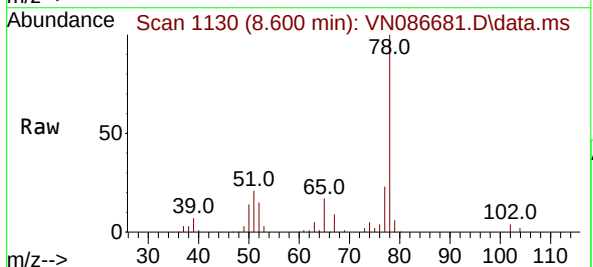
RT: 8.600 min Scan# 1130

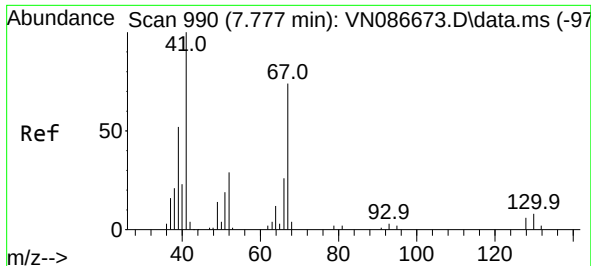
Delta R.T. -0.006 min

Lab File: VN086681.D

Acq: 19 May 2025 11:40

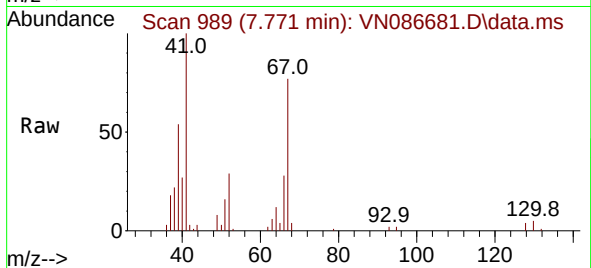
Tgt Ion: 78	Resp: 216567
Ion Ratio	Lower Upper
78	100
77	23.0 19.1 28.7





#41
Methacrylonitrile
Concen: 16.738 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

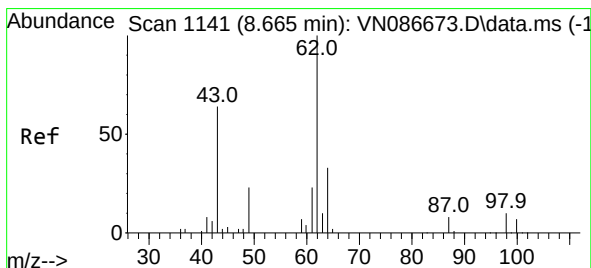
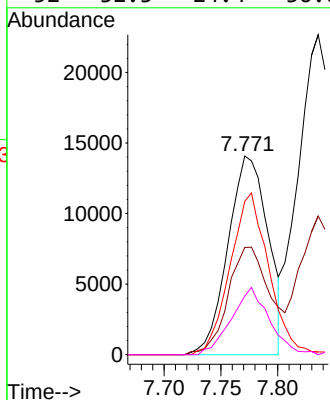
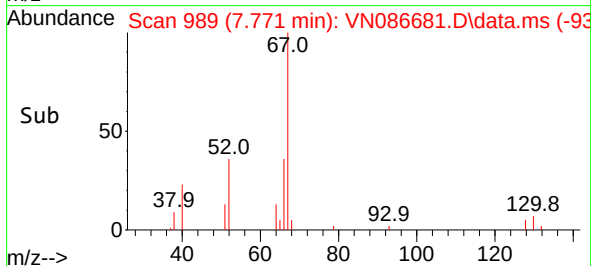
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 41 Resp: 3454
Ion Ratio Lower Upper
41 100
39 57.2 44.9 67.3
67 78.9 63.4 95.0
52 32.3 24.4 36.6

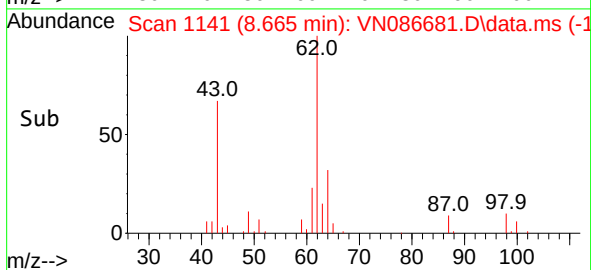
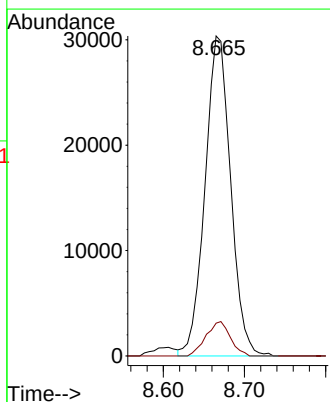
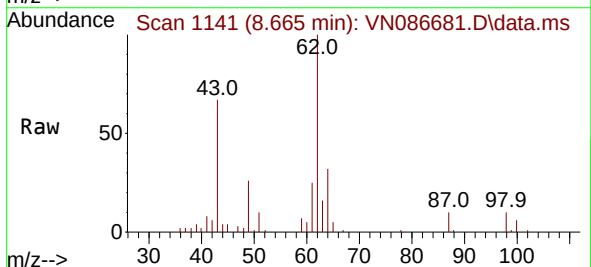
Manual Integrations
APPROVED

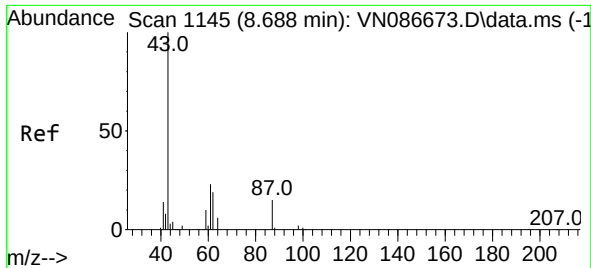
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#42
1,2-Dichloroethane
Concen: 17.320 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

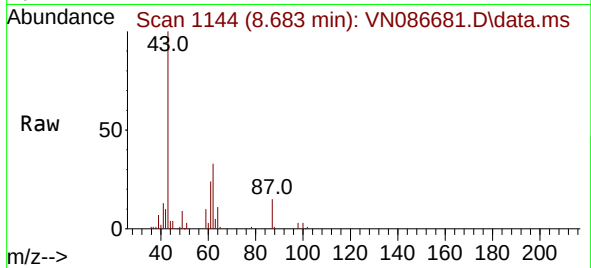
Tgt Ion: 62 Resp: 66602
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.2





#43
Isopropyl Acetate
Concen: 15.280 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

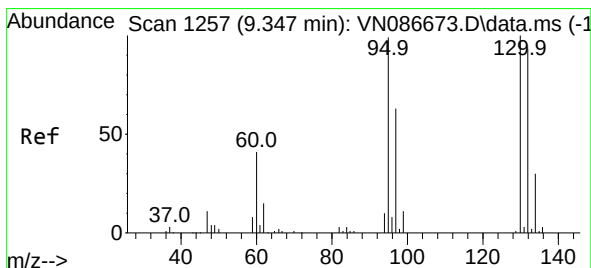
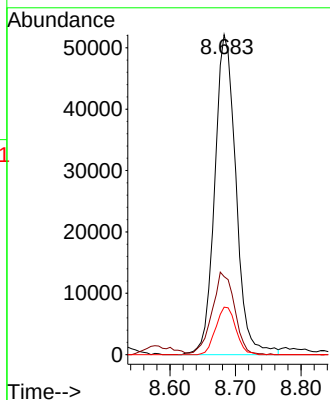
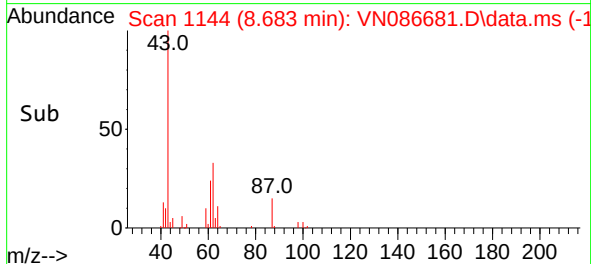
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 43 Resp: 117078
Ion Ratio Lower Upper
43 100
61 27.3 21.4 32.2
87 14.1 11.1 16.7

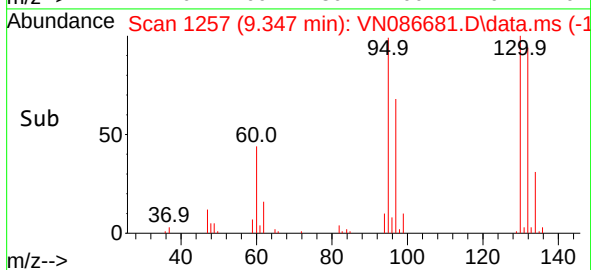
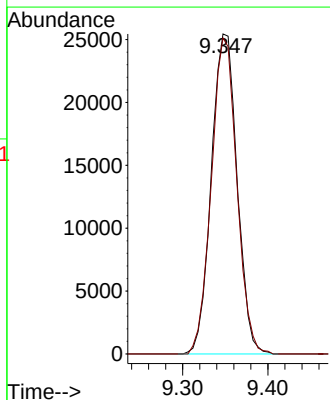
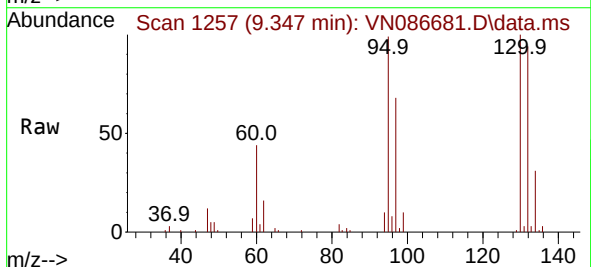
Manual Integrations
APPROVED

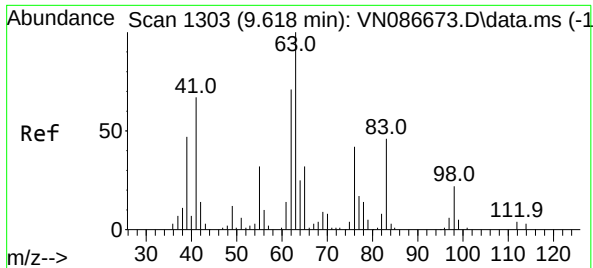
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#44
Trichloroethene
Concen: 17.973 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion:130 Resp: 53506
Ion Ratio Lower Upper
130 100
95 98.8 0.0 197.0





#45

1,2-Dichloropropane

Concen: 17.665 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086681.D

Acq: 19 May 2025 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN0519WBS01

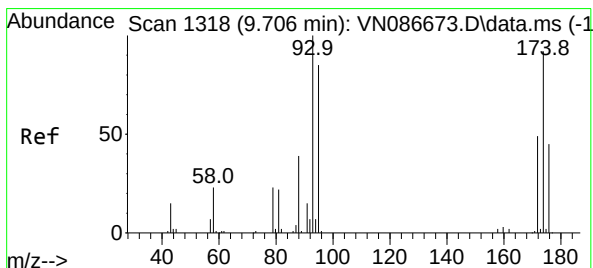
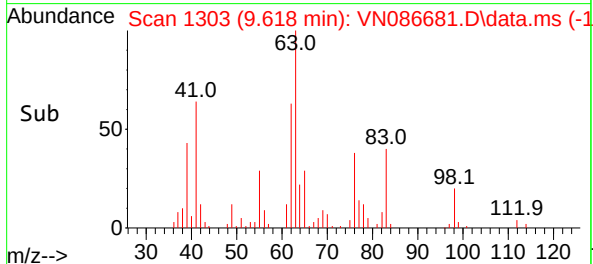
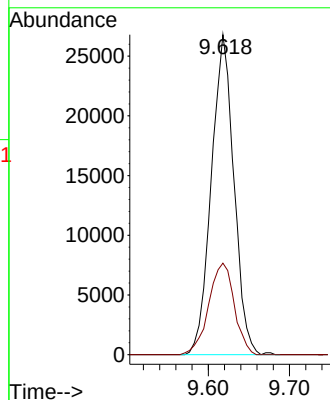
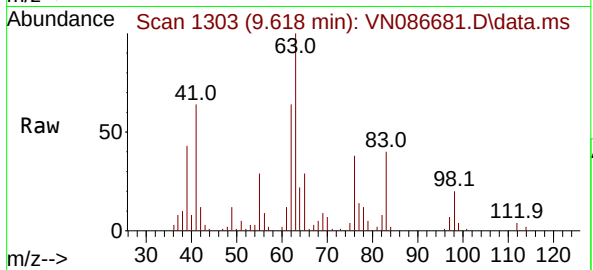
Tgt Ion: 63 Resp: 5179
 Ion Ratio Lower Upper
 63 100
 65 28.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#46

Dibromomethane

Concen: 17.537 ug/l

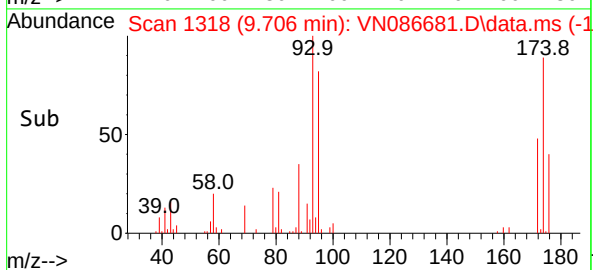
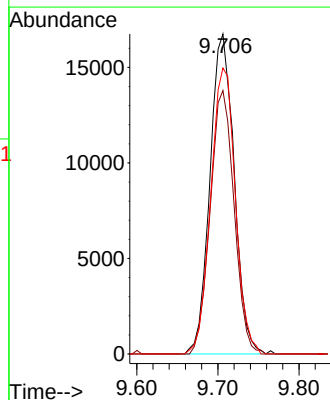
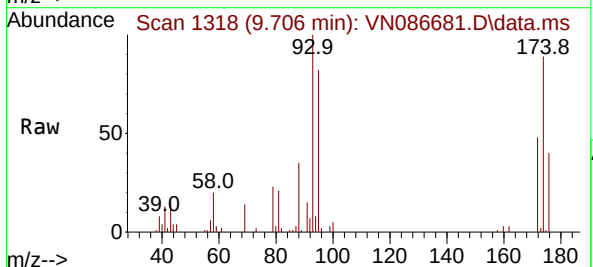
RT: 9.706 min Scan# 1318

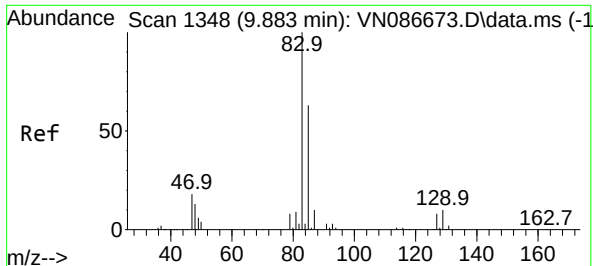
Delta R.T. 0.000 min

Lab File: VN086681.D

Acq: 19 May 2025 11:40

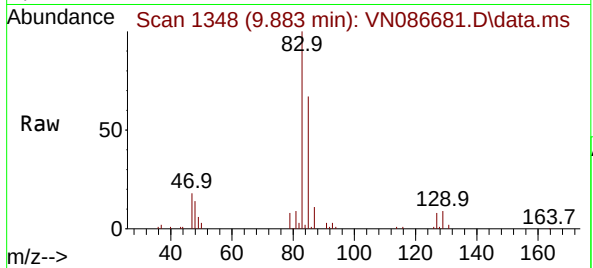
Tgt Ion: 93 Resp: 34697
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.1 100.7
 174 90.9 73.8 110.6





#47
Bromodichloromethane
Concen: 17.288 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

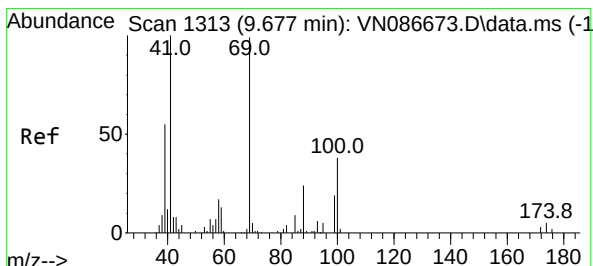
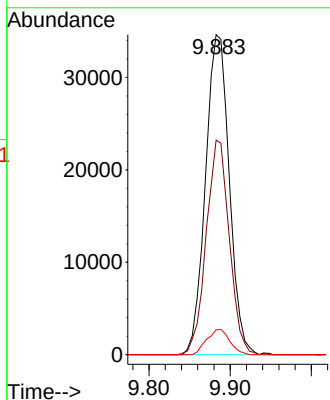
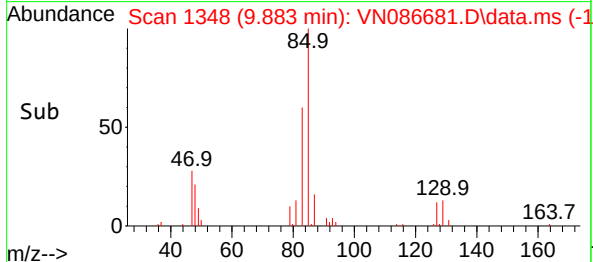
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



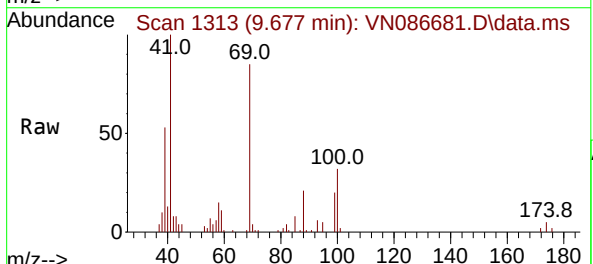
Tgt Ion: 83 Resp: 70474
Ion Ratio Lower Upper
83 100
85 67.0 50.1 75.1
127 7.8 6.2 9.4

Manual Integrations
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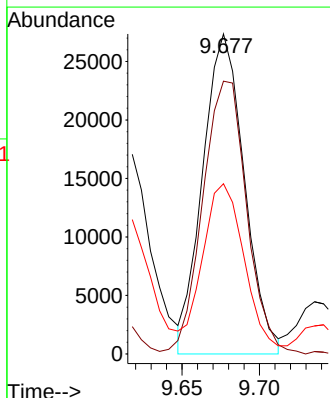
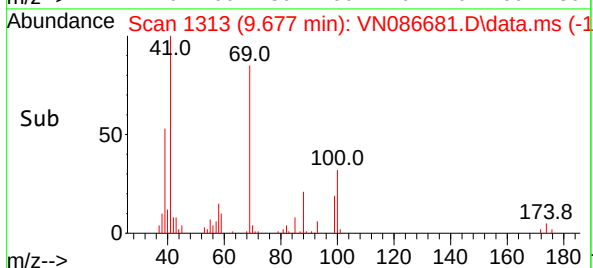
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

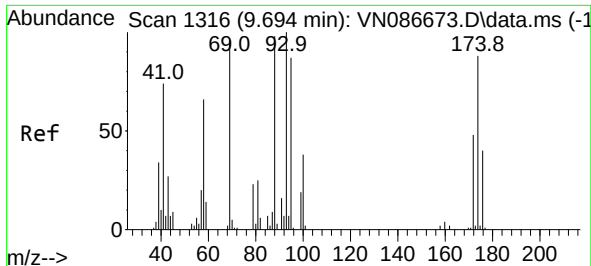


#48
Methyl methacrylate
Concen: 17.212 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40



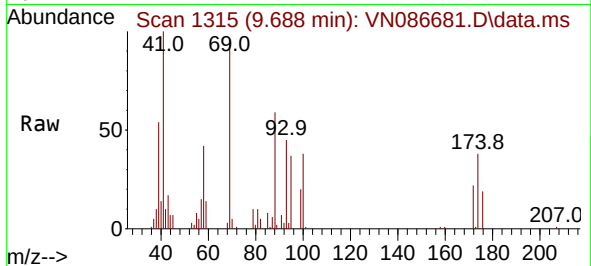
Tgt Ion: 41 Resp: 51103
Ion Ratio Lower Upper
41 100
69 90.1 74.1 111.1
39 54.3 44.1 66.1





#49
1,4-Dioxane
Concen: 339.180 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

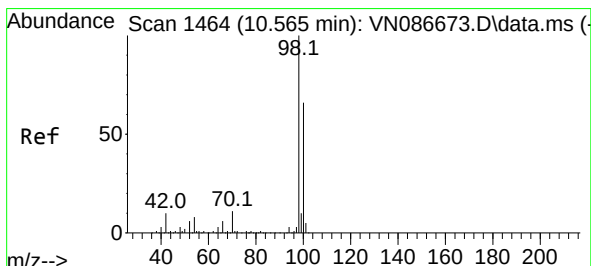
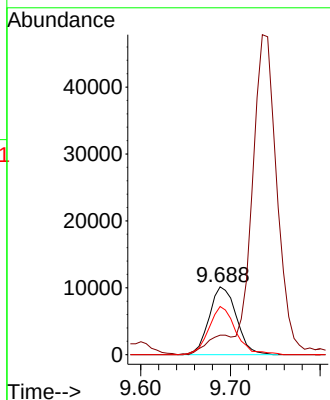
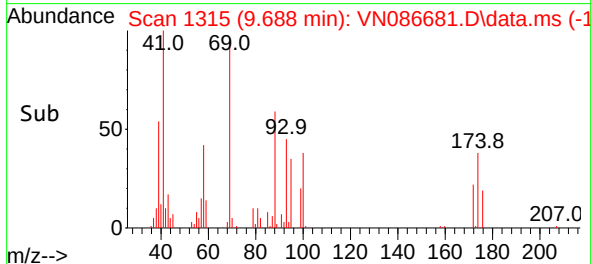
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 88 Resp: 21324
Ion Ratio Lower Upper
88 100
43 26.5 23.6 35.4
58 70.2 55.3 82.9

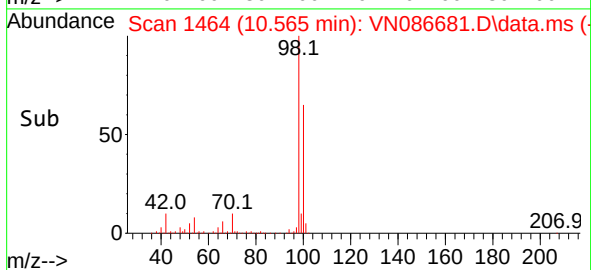
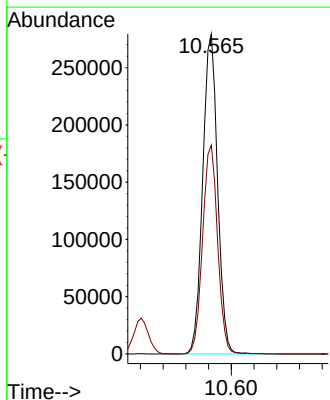
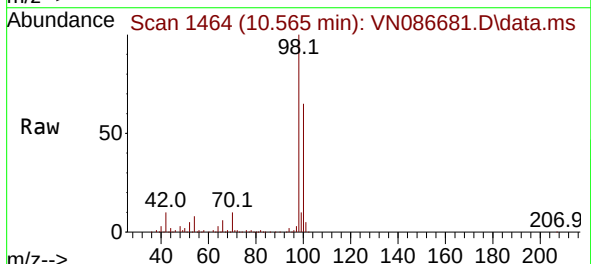
Manual Integrations
APPROVED

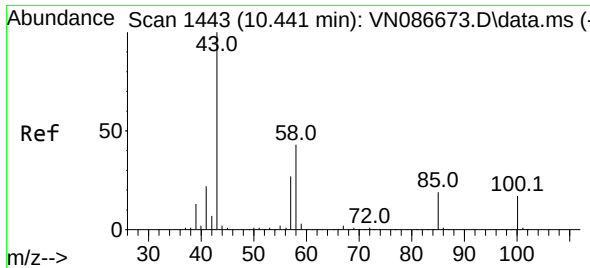
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 47.612 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion: 98 Resp: 506119
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





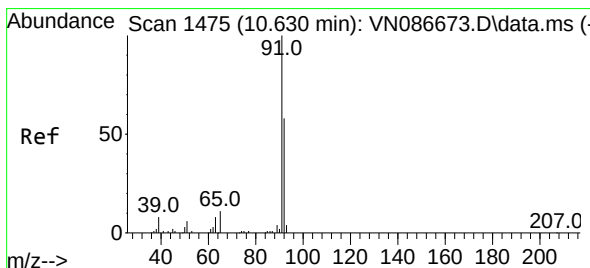
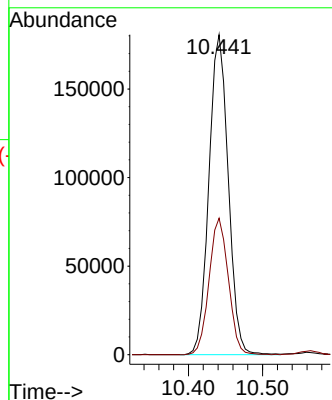
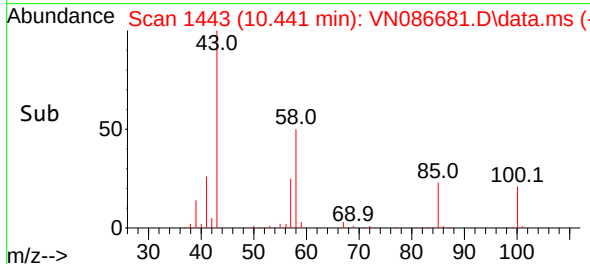
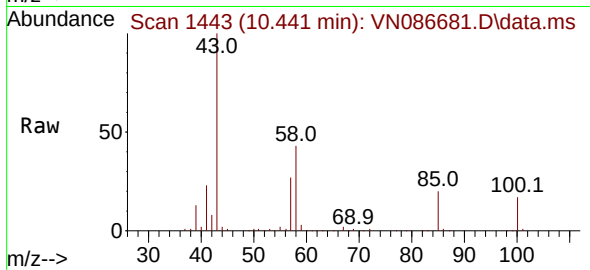
#51
4-Methyl-2-Pentanone
Concen: 84.612 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion: 43 Resp: 326938
Ion Ratio Lower Upper
43 100
58 42.6 33.9 50.9

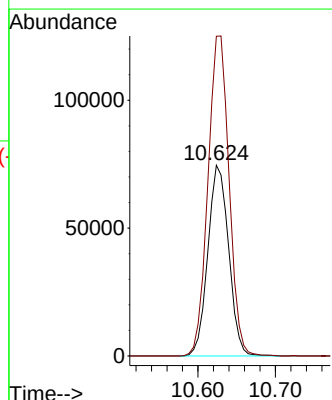
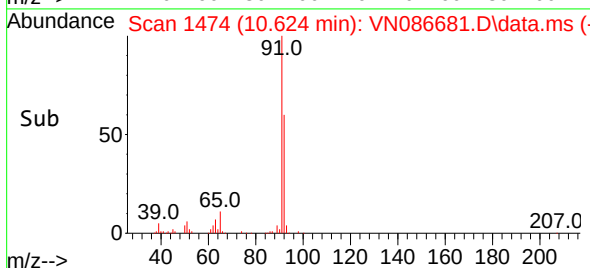
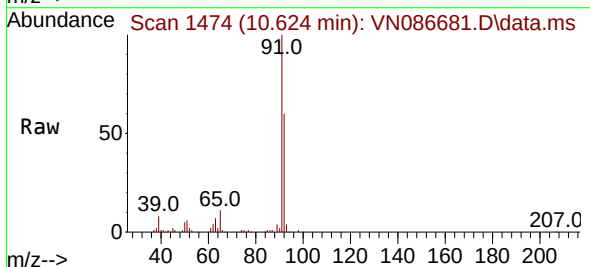
Manual Integrations
APPROVED

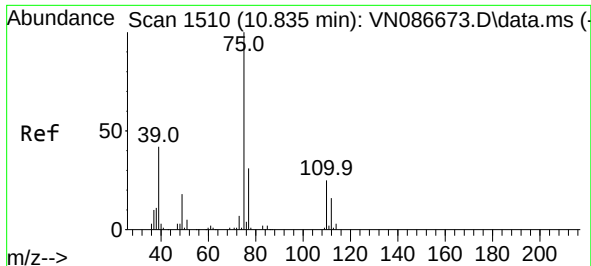
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 18.117 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion: 92 Resp: 138986
Ion Ratio Lower Upper
92 100
91 170.5 137.8 206.8





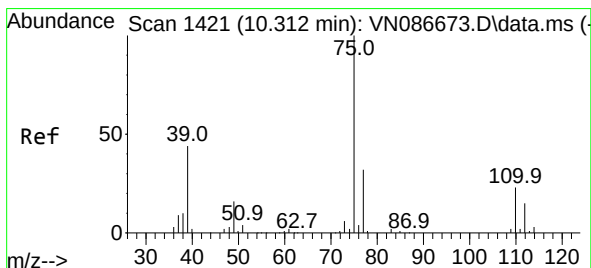
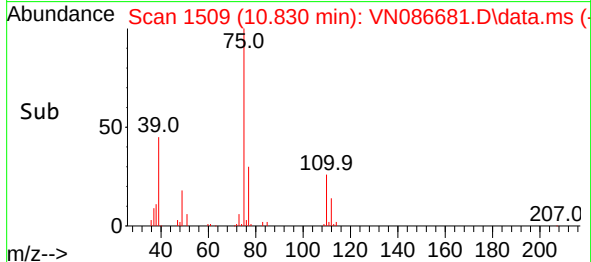
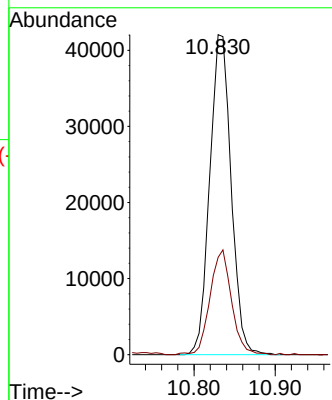
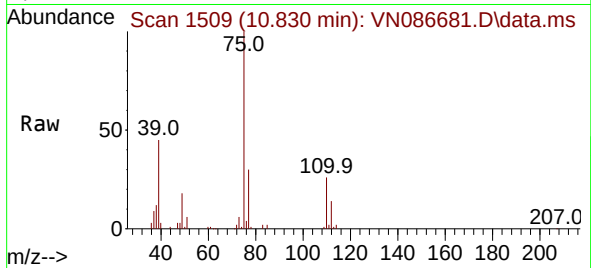
#53
 t-1,3-Dichloropropene
 Concen: 17.806 ug/l
 RT: 10.830 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Tgt Ion: 75 Resp: 76852
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.2 37.8

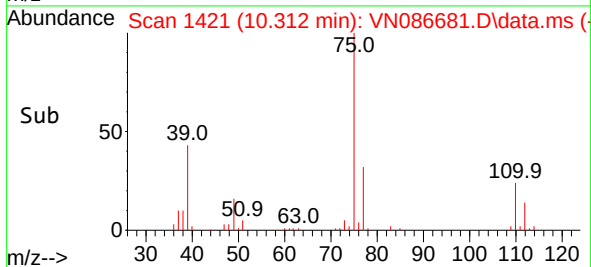
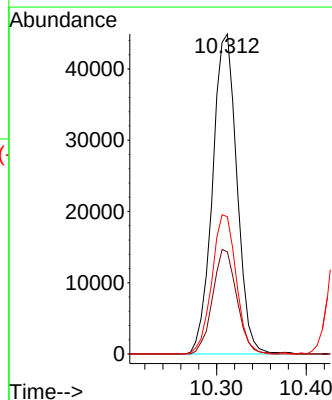
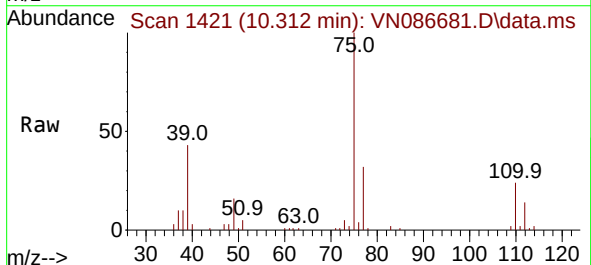
Manual Integrations
 APPROVED

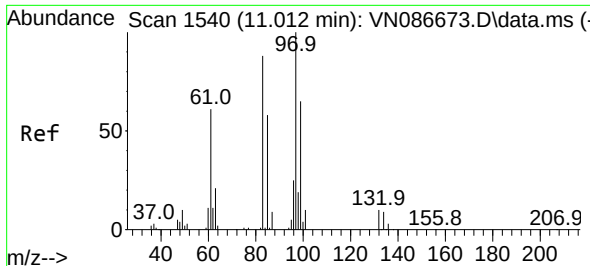
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 17.993 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

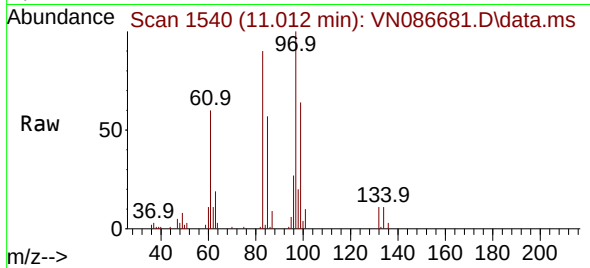
Tgt Ion: 75 Resp: 84776
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9
 39 42.9 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 17.099 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

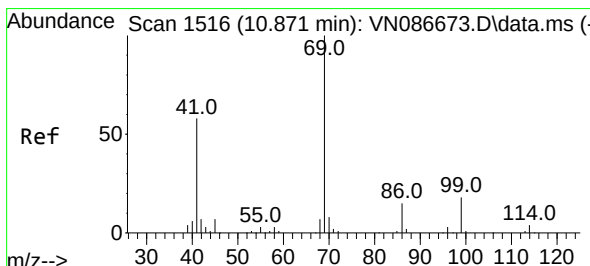
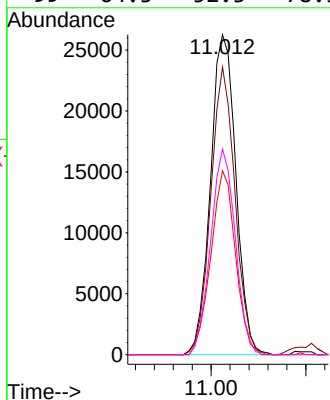
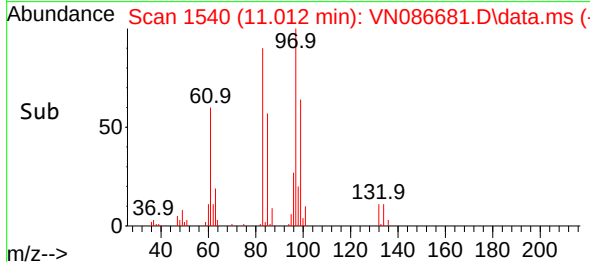
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:	97	Resp:	4893
Ion	Ratio	Lower	Upper
97	100		
83	89.9	70.4	105.6
85	57.5	46.1	69.1
99	64.3	52.3	78.5

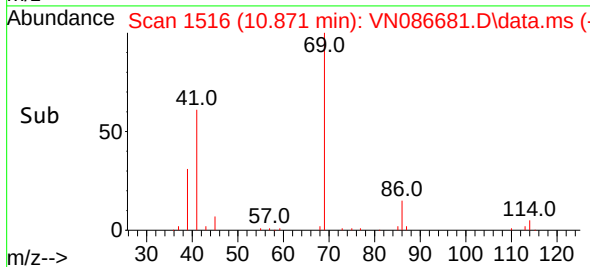
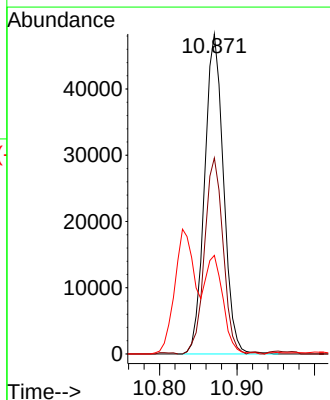
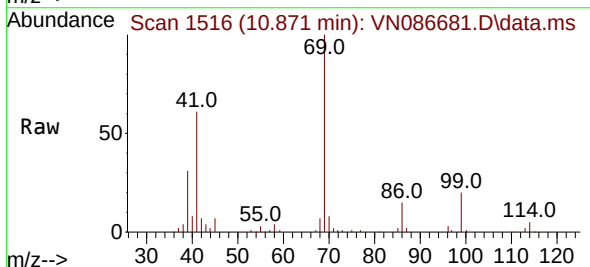
Manual Integrations
APPROVED

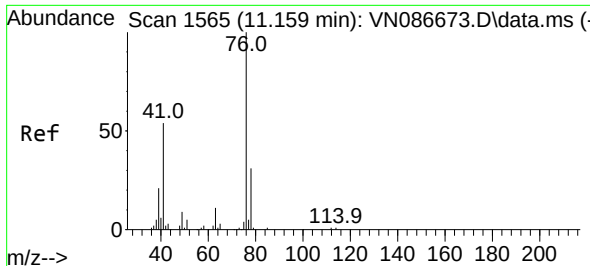
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#56
Ethyl methacrylate
Concen: 17.799 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

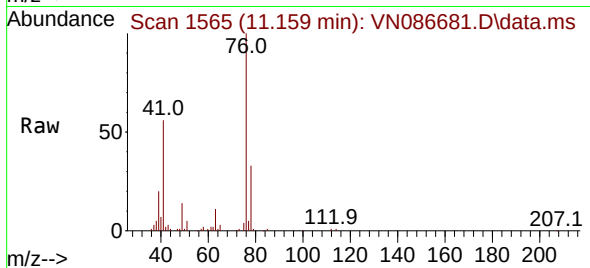
Tgt Ion:	69	Resp:	81783
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.4	71.0
39	28.8	24.0	36.0





#57
1,3-Dichloropropane
Concen: 17.513 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

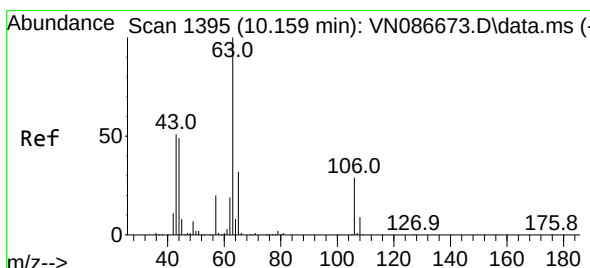
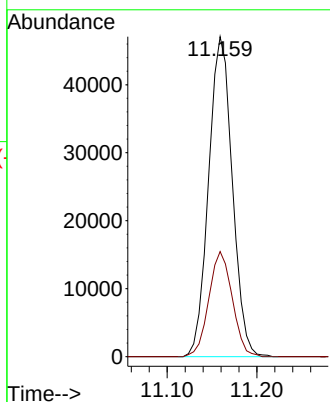
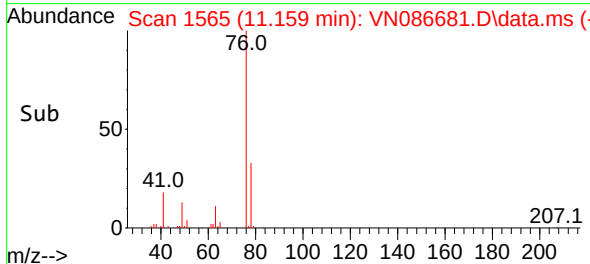
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 76 Resp: 86338
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8

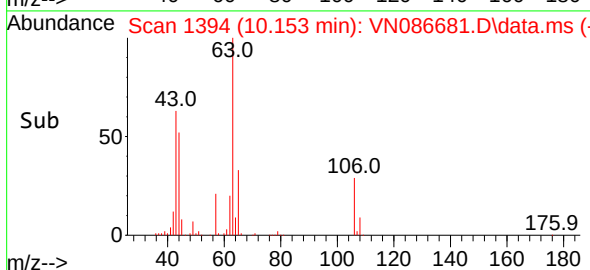
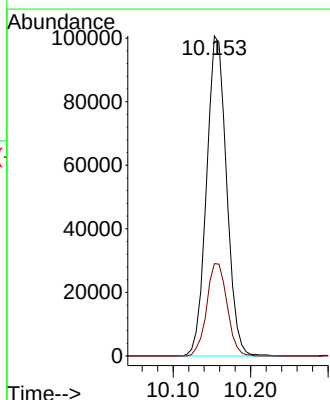
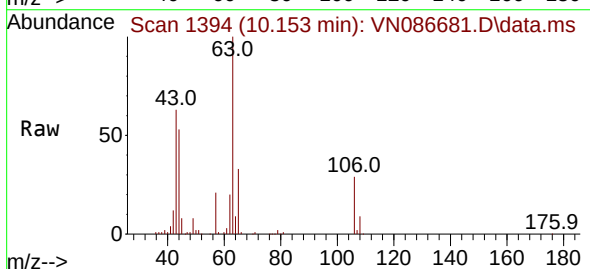
Manual Integrations
APPROVED

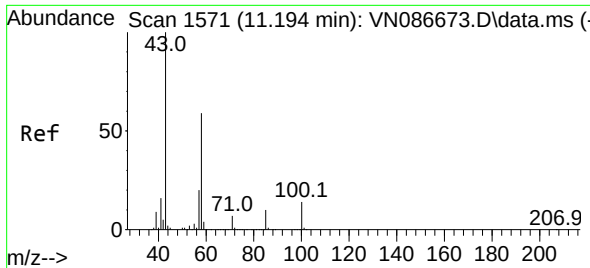
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 88.021 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

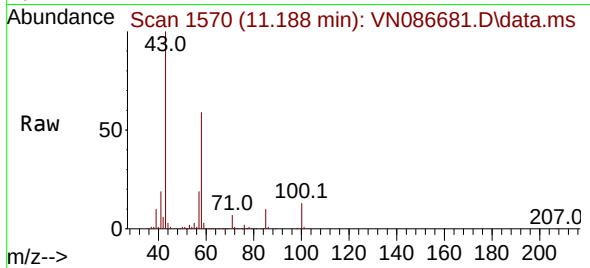
Tgt Ion: 63 Resp: 180751
Ion Ratio Lower Upper
63 100
106 29.3 23.1 34.7





#59
2-Hexanone
Concen: 85.760 ug/l
RT: 11.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

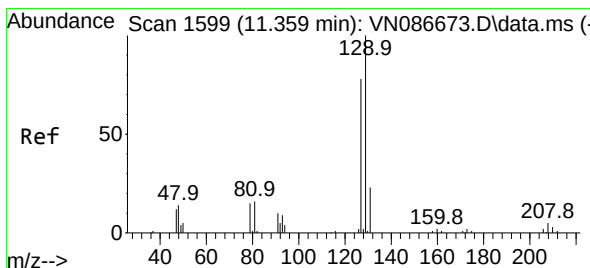
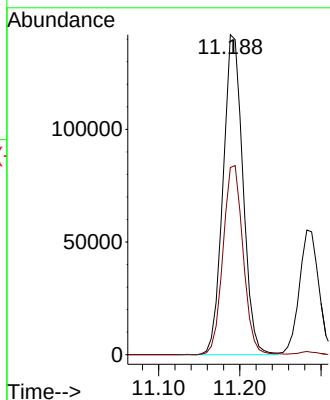
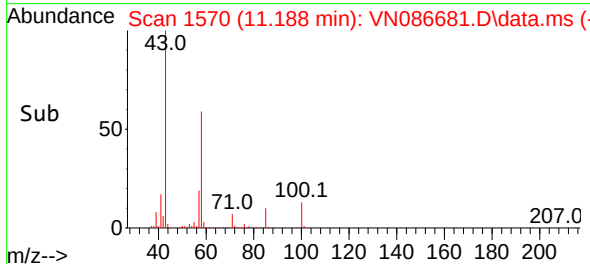
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 43 Resp: 24198
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.5

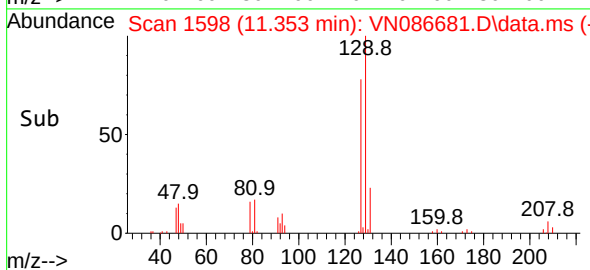
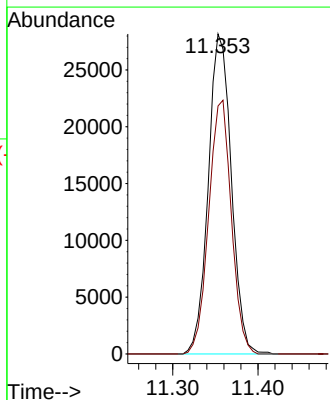
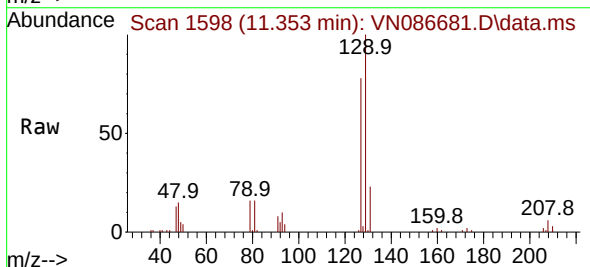
Manual Integrations
APPROVED

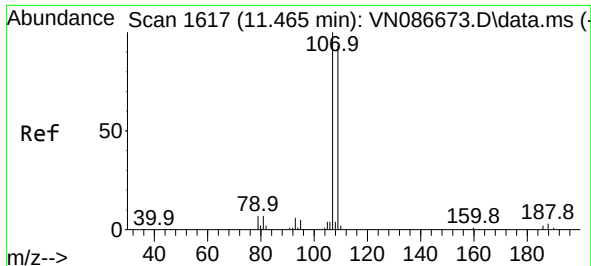
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#60
Dibromochloromethane
Concen: 17.673 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion:129 Resp: 53003
Ion Ratio Lower Upper
129 100
127 77.8 39.5 118.3





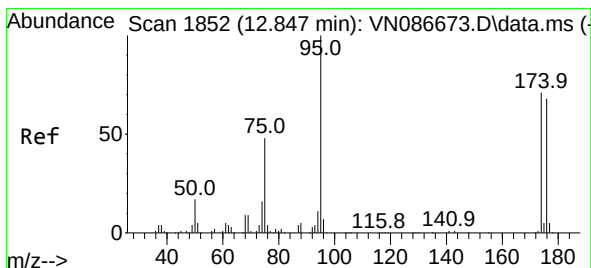
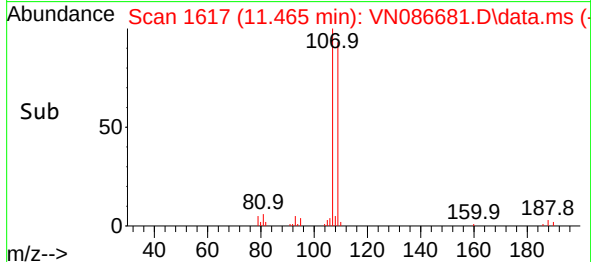
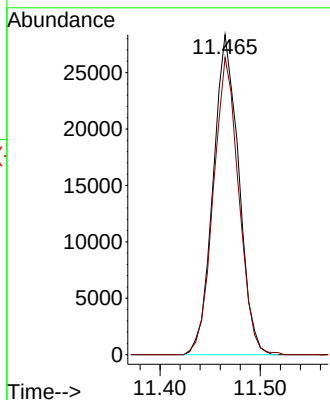
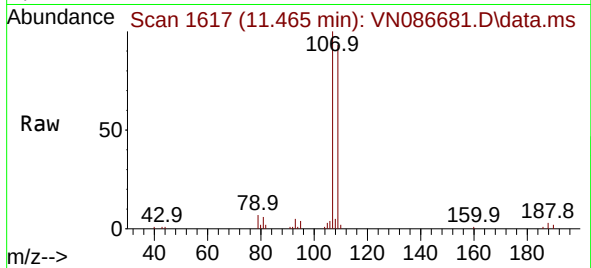
#61
1,2-Dibromoethane
Concen: 17.422 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion:107 Resp: 50100
Ion Ratio Lower Upper
107 100
109 92.5 75.0 112.4

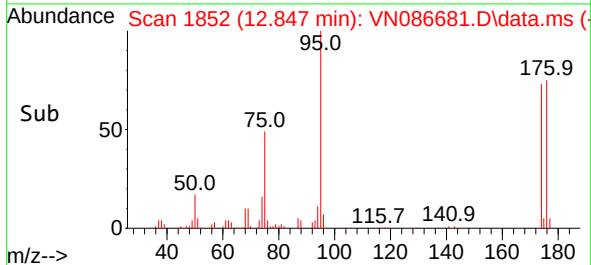
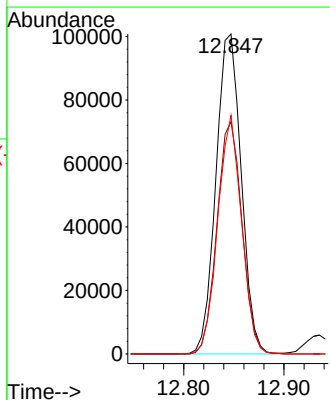
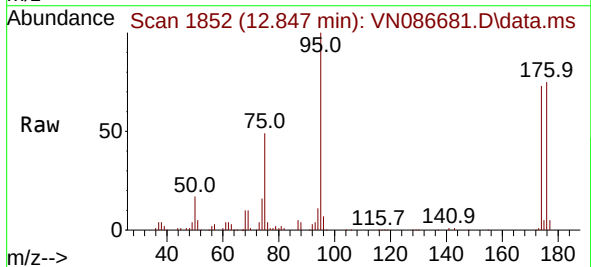
Manual Integrations
APPROVED

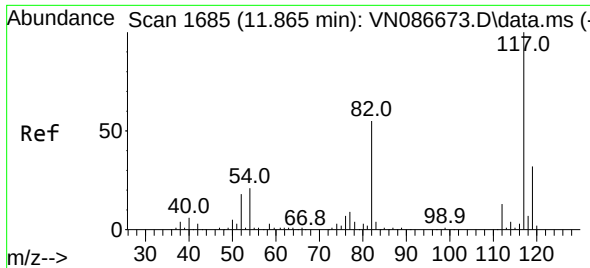
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 47.001 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

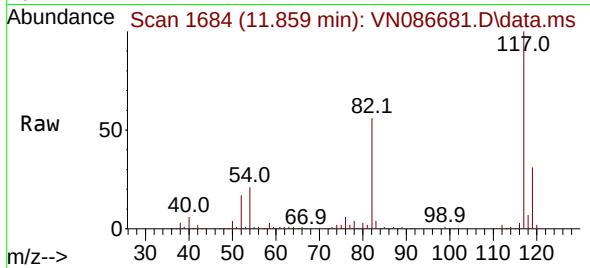
Tgt Ion: 95 Resp: 176416
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.4
176 70.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

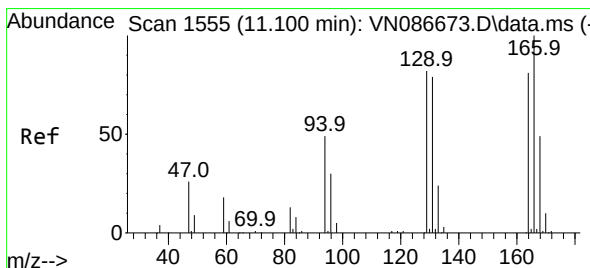
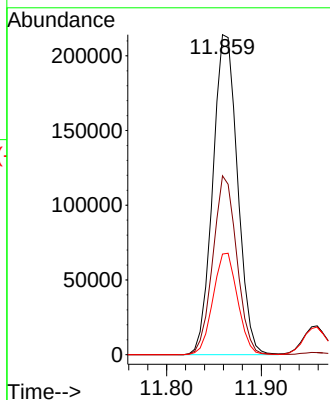
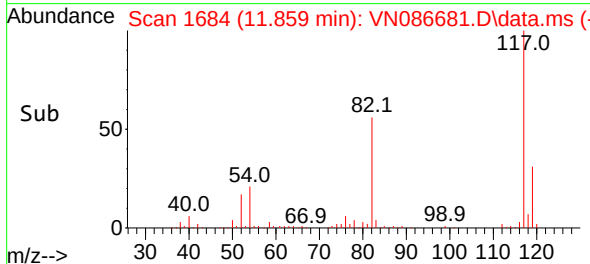
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:117 Resp: 389040
Ion Ratio Lower Upper
117 100
82 55.9 44.2 66.2
119 31.4 25.4 38.2

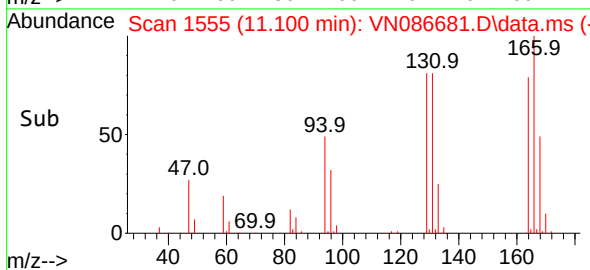
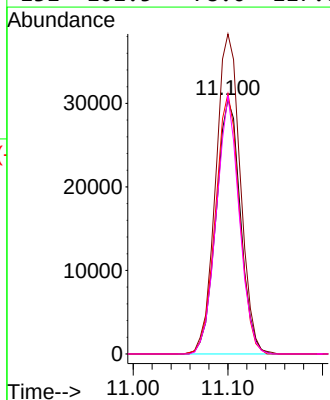
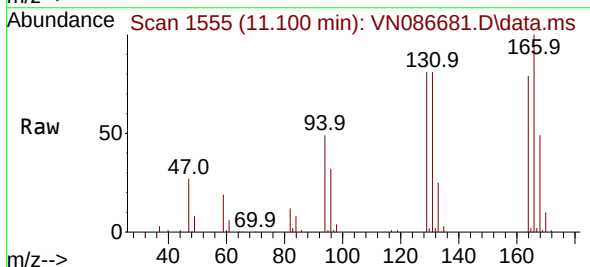
Manual Integrations
APPROVED

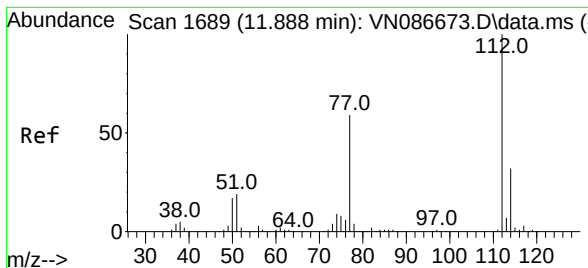
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#64
Tetrachloroethene
Concen: 18.236 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

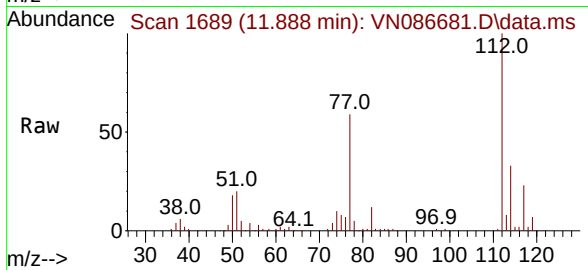
Tgt Ion:164 Resp: 54349
Ion Ratio Lower Upper
164 100
166 125.9 98.2 147.4
129 102.4 81.0 121.4
131 101.5 78.0 117.0





#65
Chlorobenzene
Concen: 17.470 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

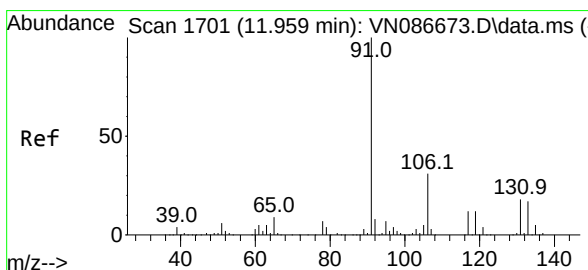
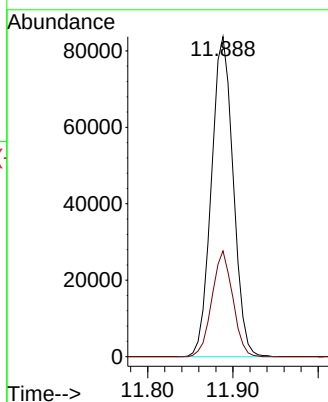
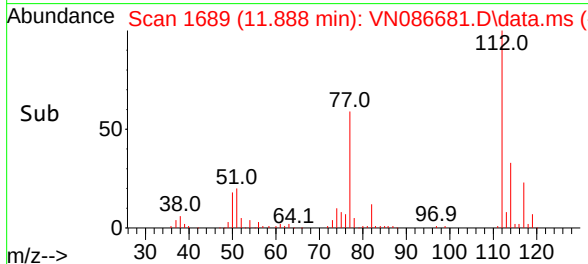
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



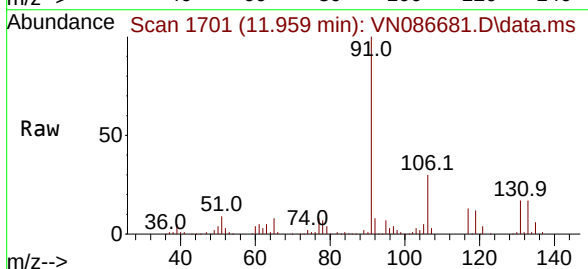
Tgt Ion:112 Resp: 149040
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9

Manual Integrations
APPROVED

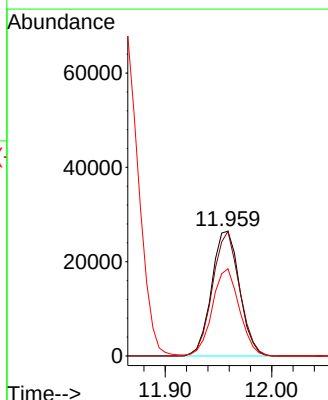
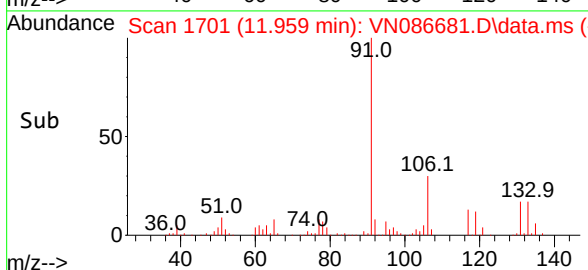
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

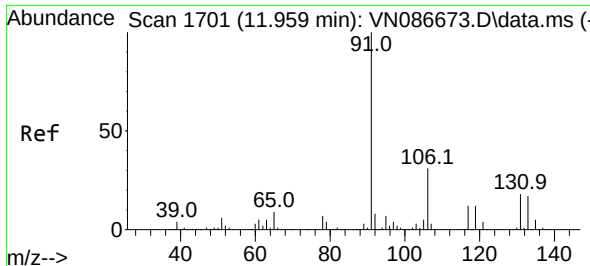


#66
1,1,1,2-Tetrachloroethane
Concen: 17.501 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40



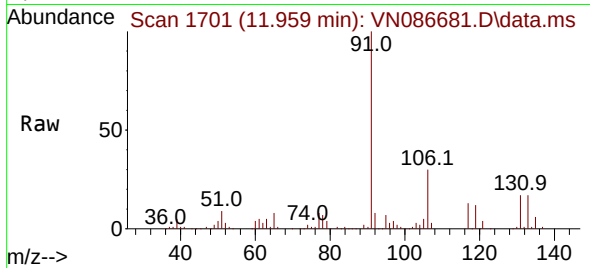
Tgt Ion:131 Resp: 48200
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 67.8 33.6 100.8





#67
Ethyl Benzene
Concen: 17.663 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

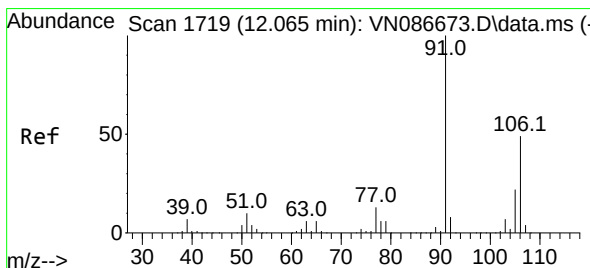
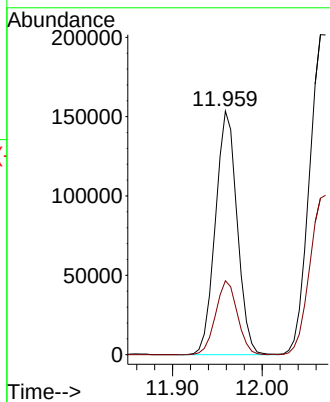
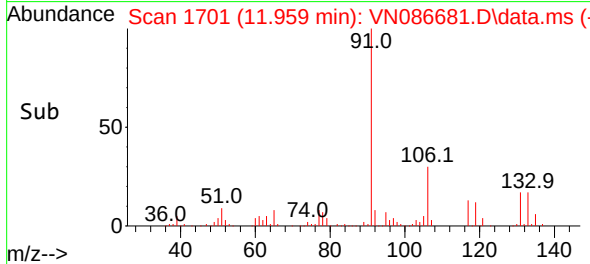
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



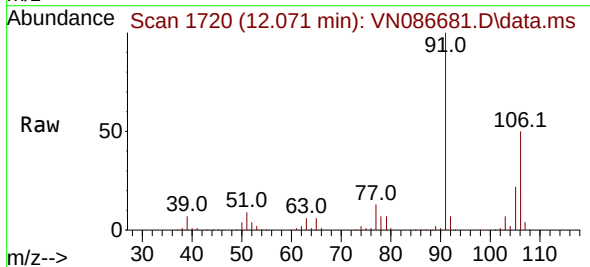
Tgt Ion: 91 Resp: 25809
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

Manual Integrations
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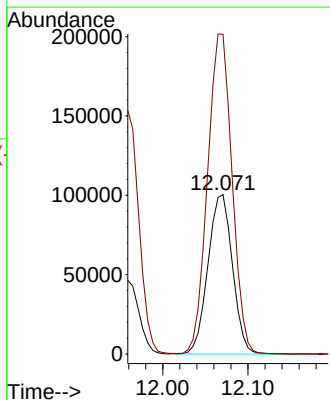
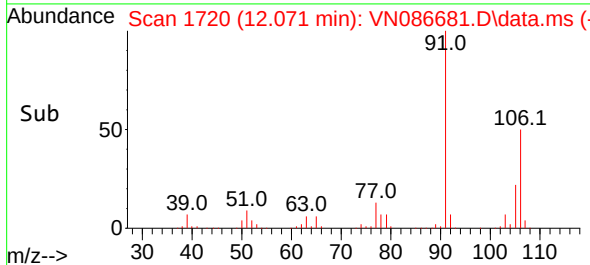
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

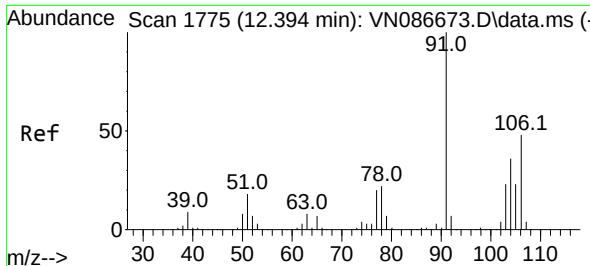


#68
m/p-Xylenes
Concen: 36.203 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40



Tgt Ion:106 Resp: 200371
Ion Ratio Lower Upper
106 100
91 201.4 162.4 243.6





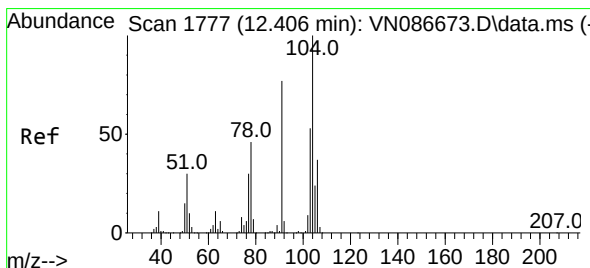
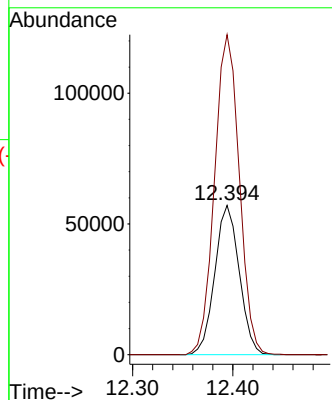
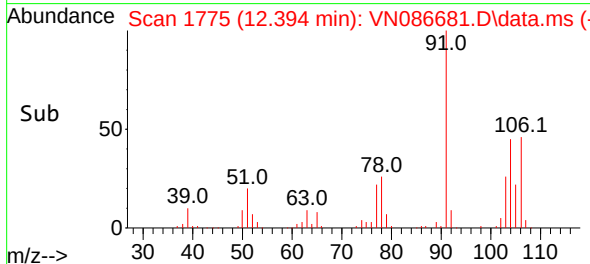
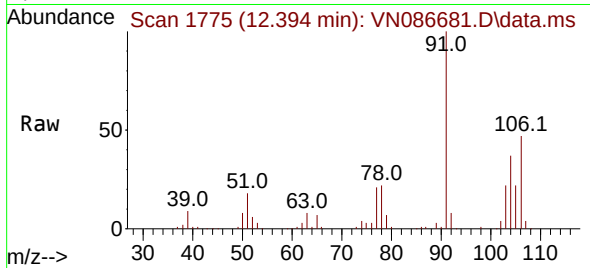
#69
o-Xylene
Concen: 17.594 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion:106 Resp: 9681
Ion Ratio Lower Upper
106 100
91 217.0 105.1 315.1

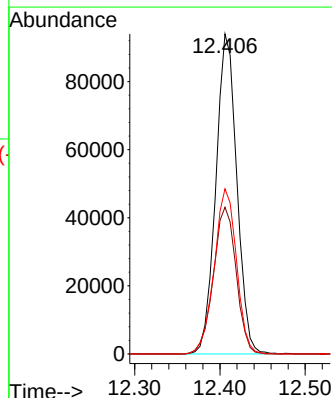
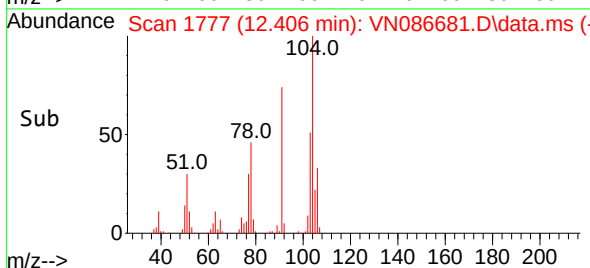
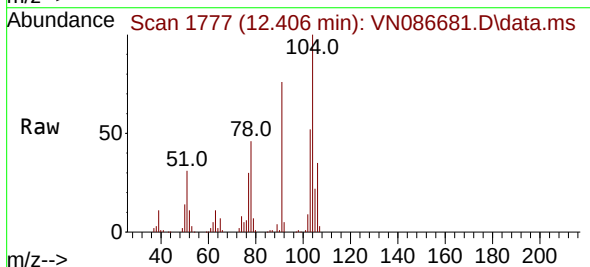
Manual Integrations
APPROVED

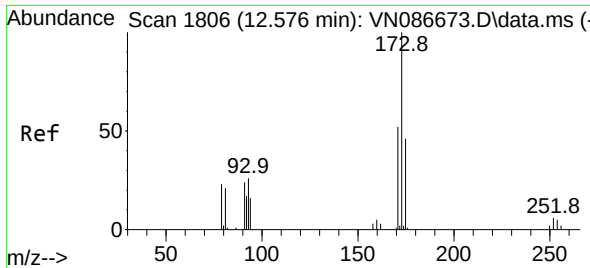
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
Styrene
Concen: 17.850 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

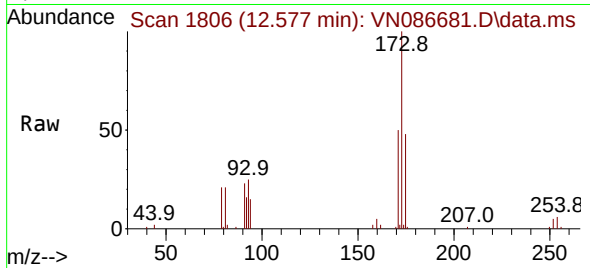
Tgt Ion:104 Resp: 160801
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.6
103 54.7 43.8 65.8





#71
Bromoform
Concen: 18.052 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

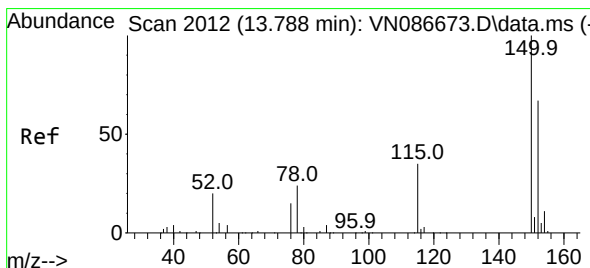
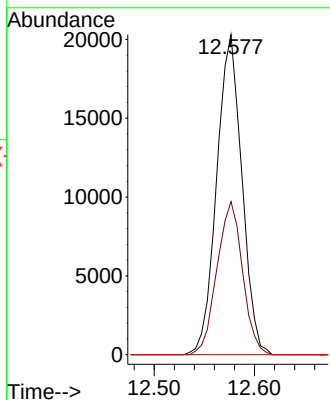
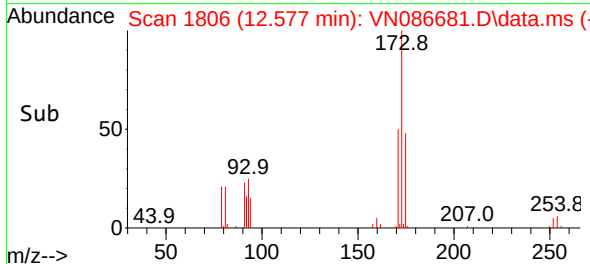
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



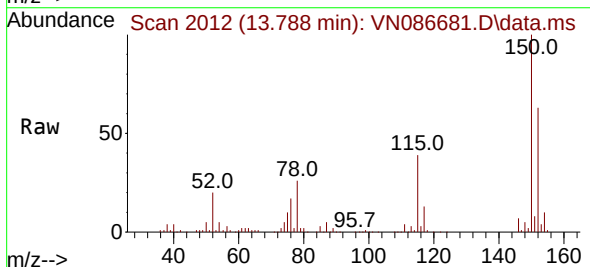
Tgt Ion:173 Resp: 35358
Ion Ratio Lower Upper
173 100
175 48.5 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

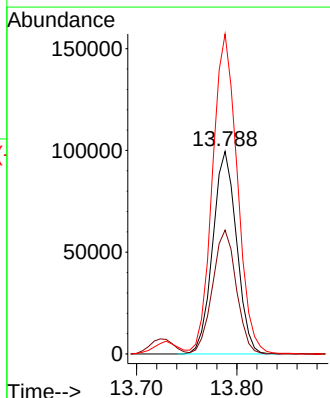
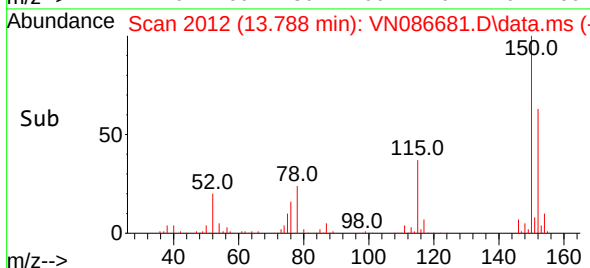
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

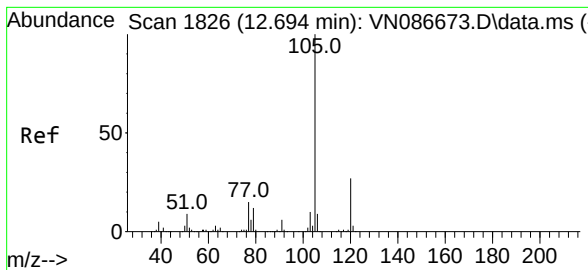


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40



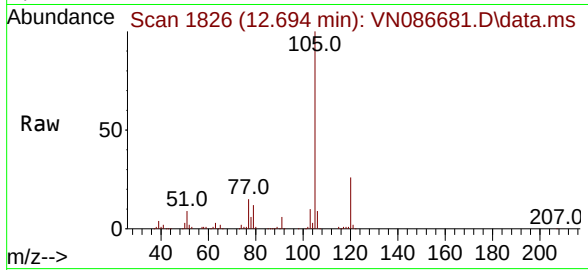
Tgt Ion:152 Resp: 163914
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.1
150 164.7 0.0 347.8





#73
Isopropylbenzene
Concen: 18.595 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

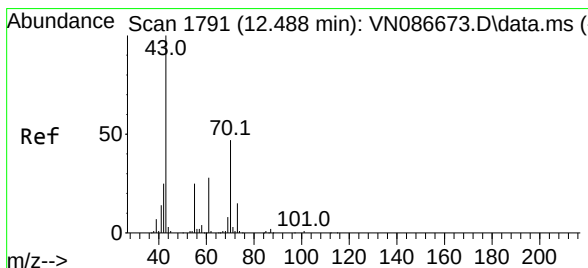
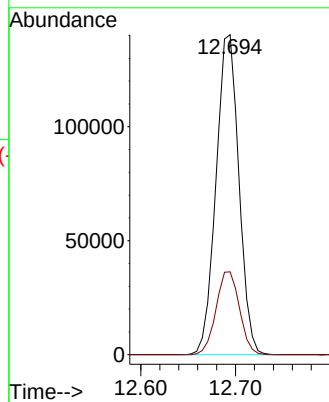
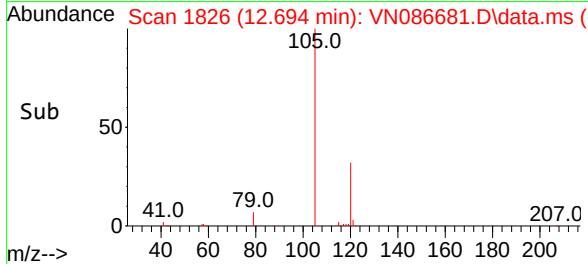
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:105 Resp: 235414
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

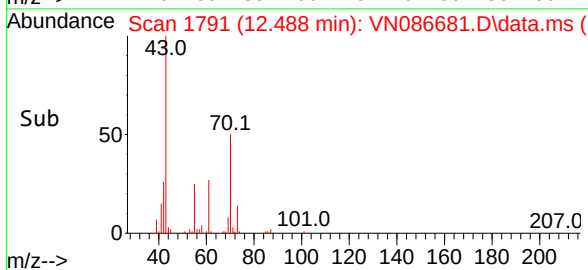
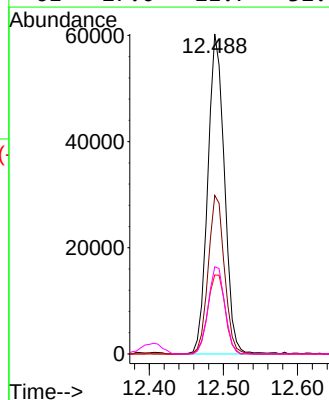
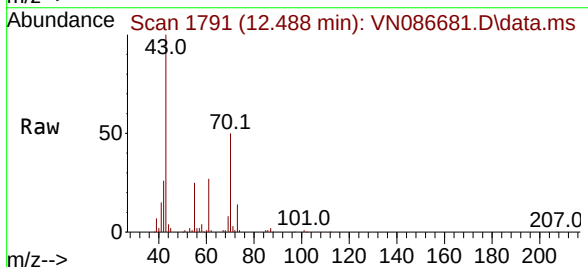
Manual Integrations
APPROVED

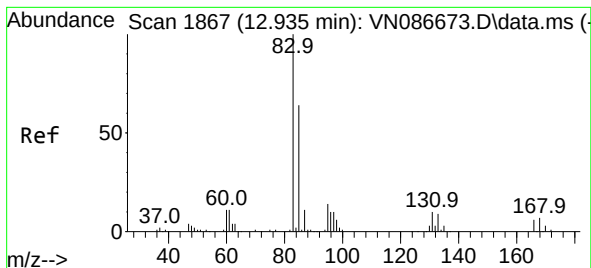
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#74
N-ethyl acetate
Concen: 17.792 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

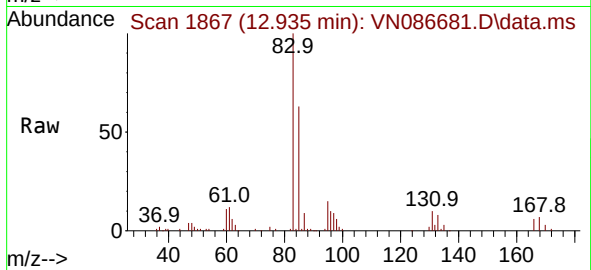
Tgt Ion: 43 Resp: 94110
Ion Ratio Lower Upper
43 100
70 48.1 37.9 56.9
55 26.0 20.5 30.7
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 17.568 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

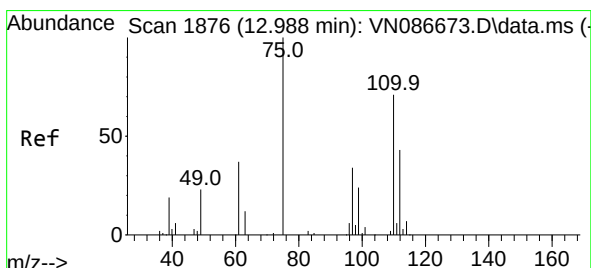
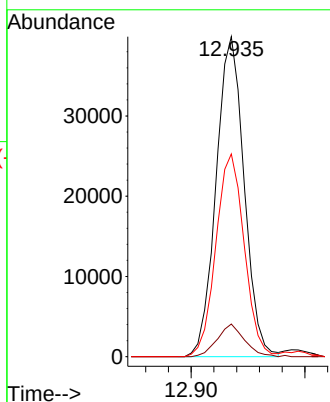
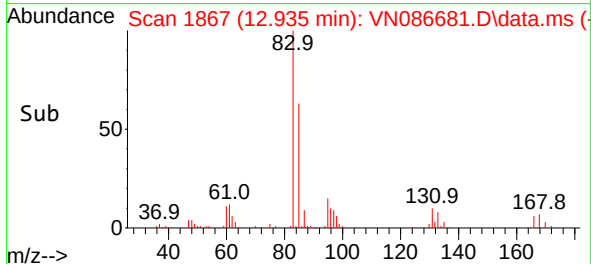
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 83 Resp: 6832
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.1 32.4 97.2

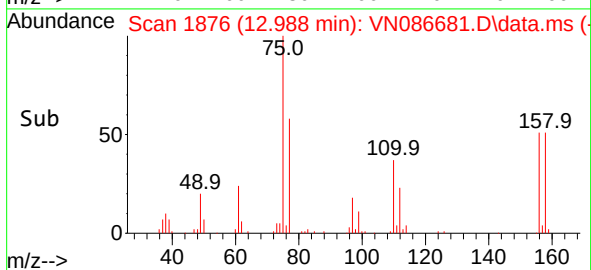
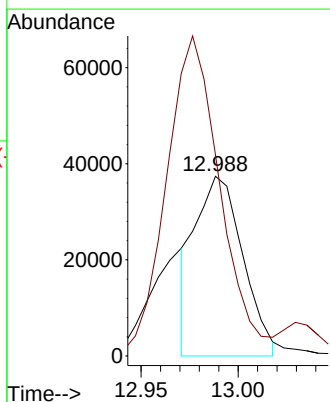
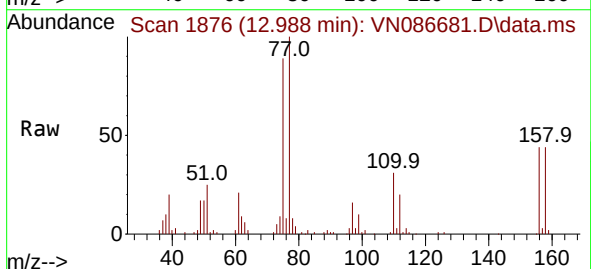
Manual Integrations
APPROVED

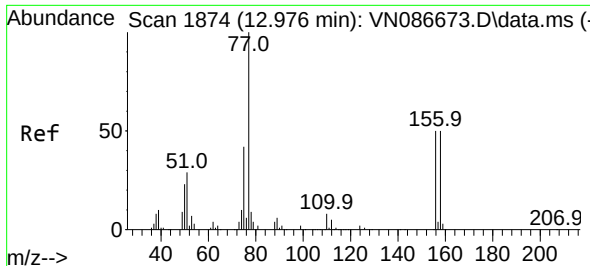
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#76
1,2,3-Trichloropropane
Concen: 17.168 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion: 75 Resp: 63642
Ion Ratio Lower Upper
75 100
77 201.6 96.0 288.1





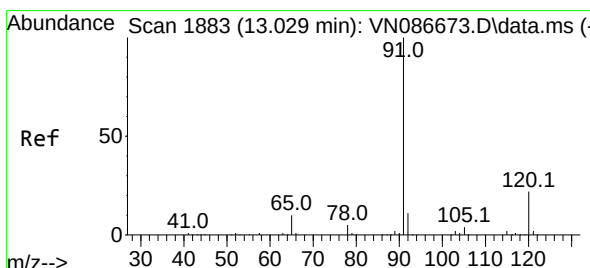
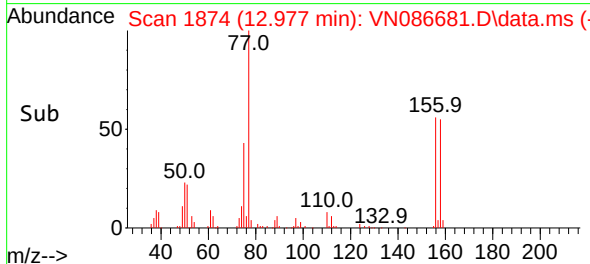
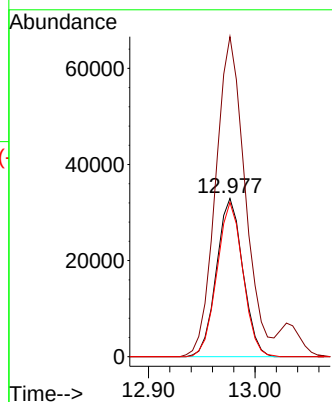
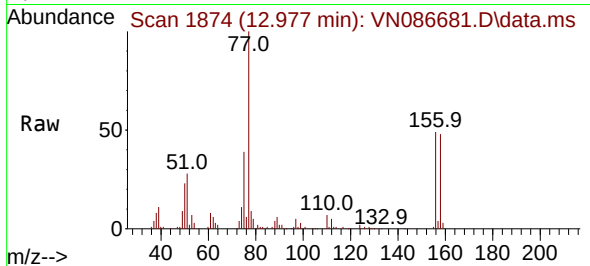
#77
Bromobenzene
Concen: 17.796 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion:156 Resp: 56672
Ion Ratio Lower Upper
156 100
77 226.4 113.1 339.2
158 95.8 48.6 145.9

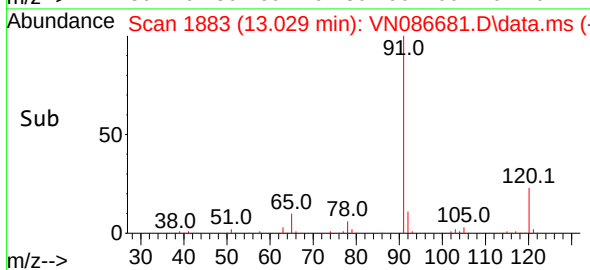
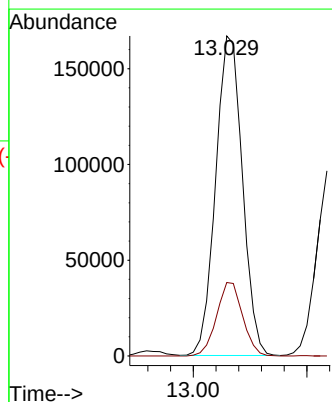
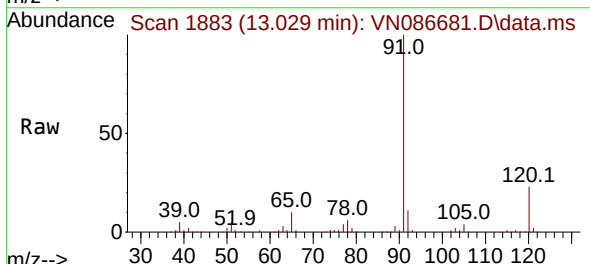
Manual Integrations
APPROVED

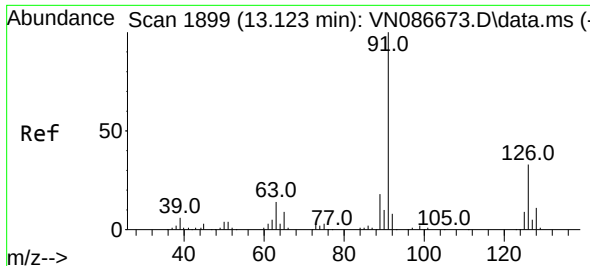
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#78
n-propylbenzene
Concen: 18.776 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion: 91 Resp: 272787
Ion Ratio Lower Upper
91 100
120 22.4 11.4 34.1





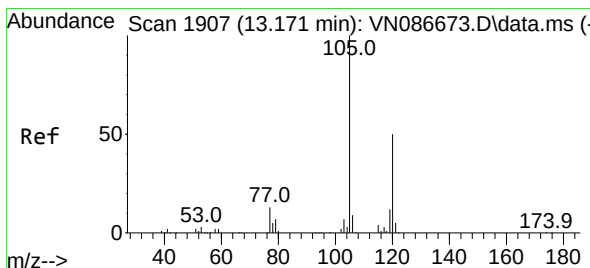
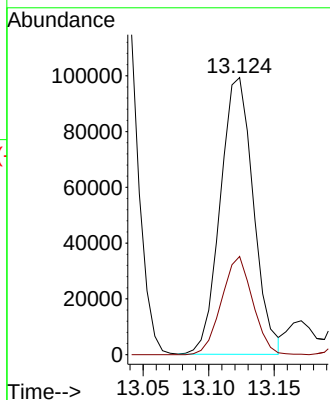
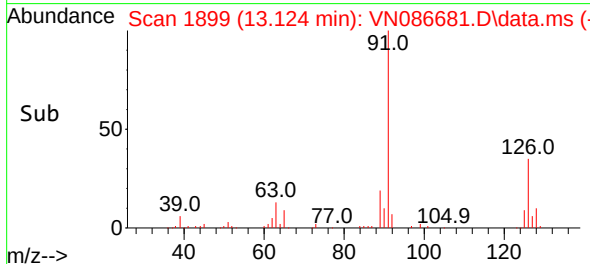
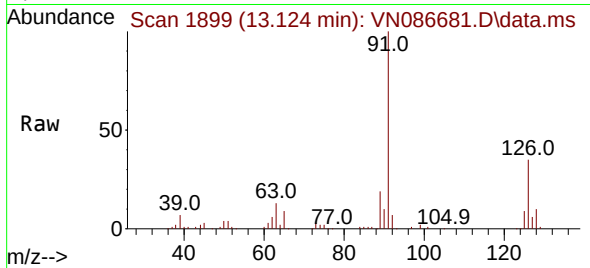
#79
2-Chlorotoluene
Concen: 18.479 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion: 91 Resp: 17456
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

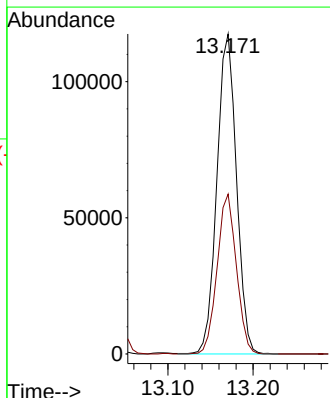
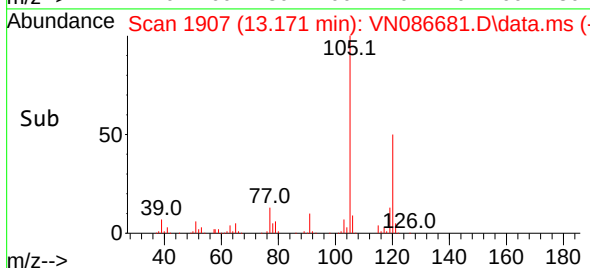
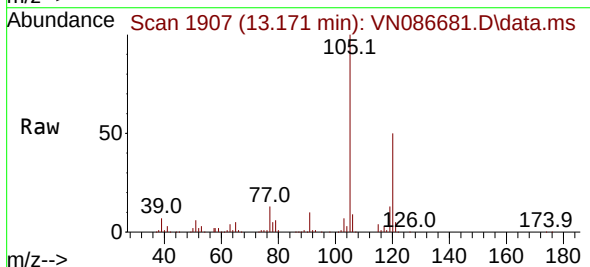
Manual Integrations
APPROVED

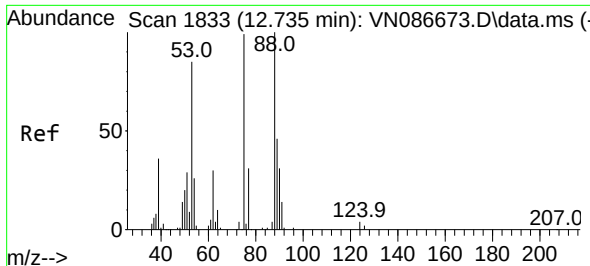
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.512 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

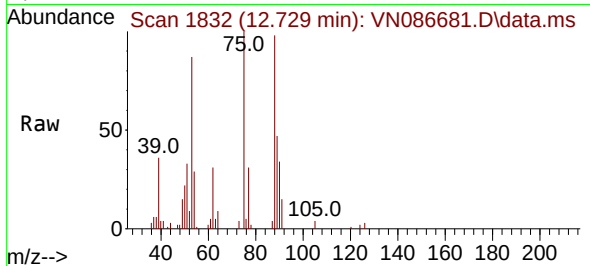
Tgt Ion:105 Resp: 187764
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.402 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

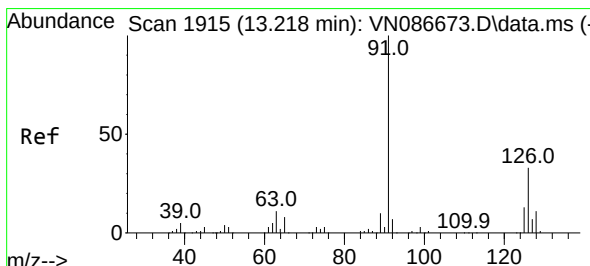
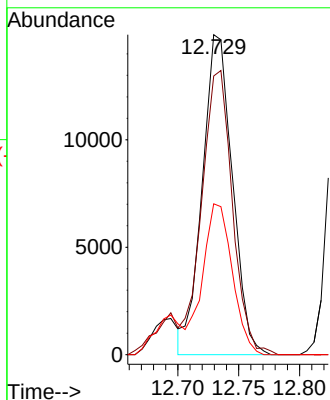
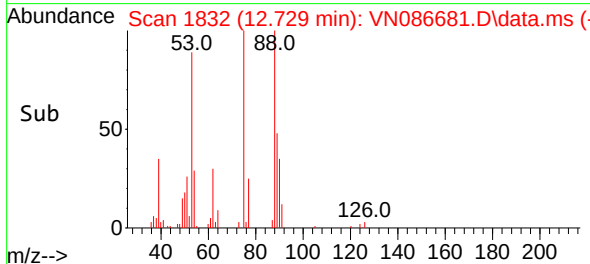
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 75 Resp: 25562
Ion Ratio Lower Upper
75 100
53 101.1 70.4 105.6
89 46.5 32.4 48.6

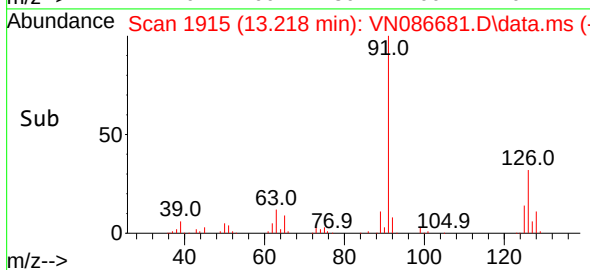
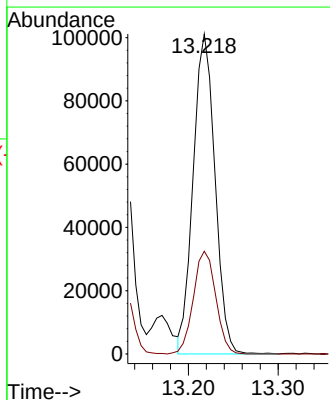
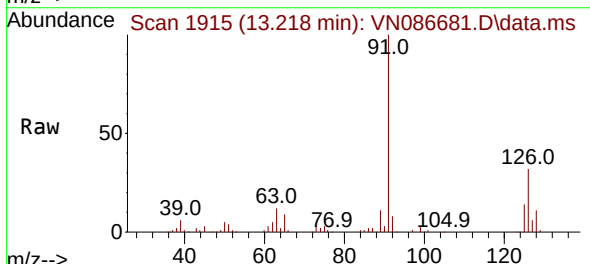
Manual Integrations
APPROVED

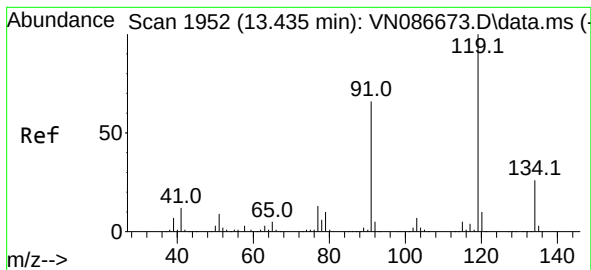
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#82
4-Chlorotoluene
Concen: 18.255 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

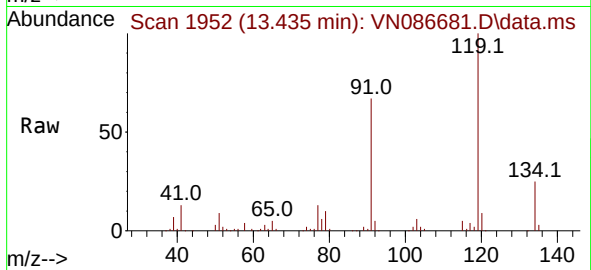
Tgt Ion: 91 Resp: 170845
Ion Ratio Lower Upper
91 100
126 32.9 17.0 50.9





#83
tert-Butylbenzene
Concen: 18.277 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

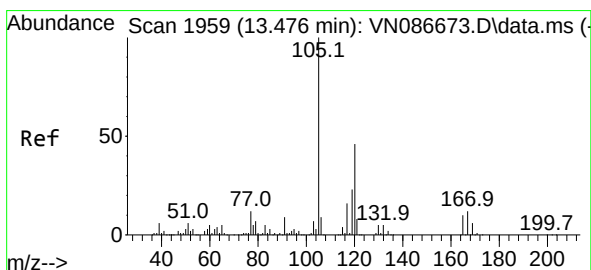
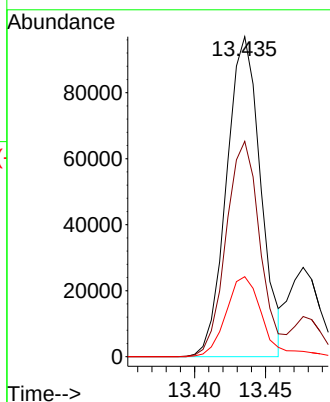
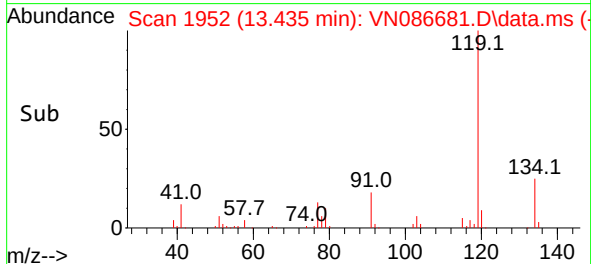
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



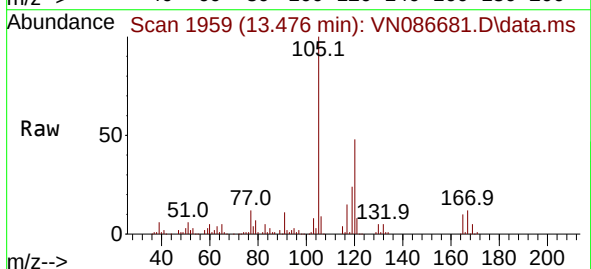
Tgt Ion:119 Resp: 16166
Ion Ratio Lower Upper
119 100
91 67.9 32.9 98.7
134 26.9 13.4 40.1

Manual Integrations
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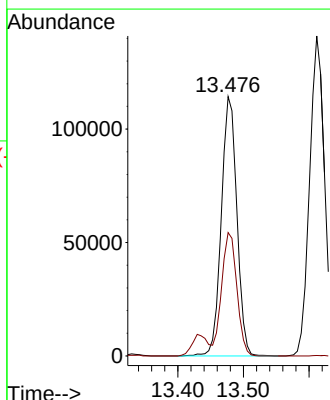
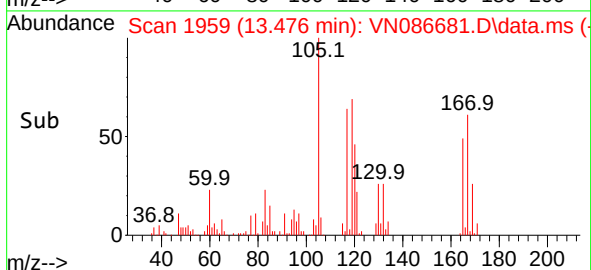
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

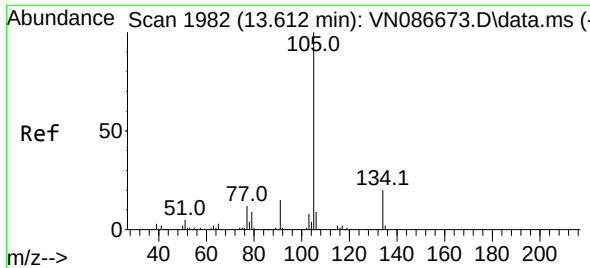


#84
1,2,4-Trimethylbenzene
Concen: 18.598 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40



Tgt Ion:105 Resp: 187847
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6





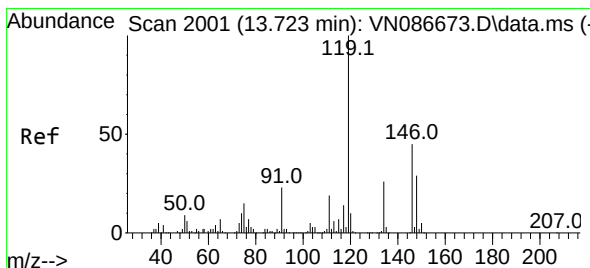
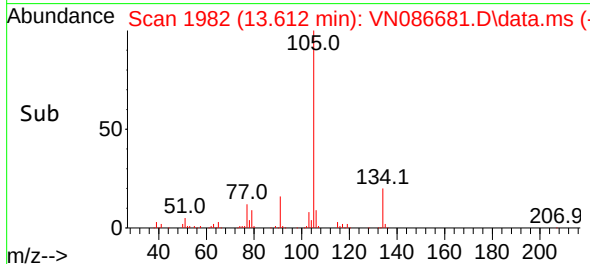
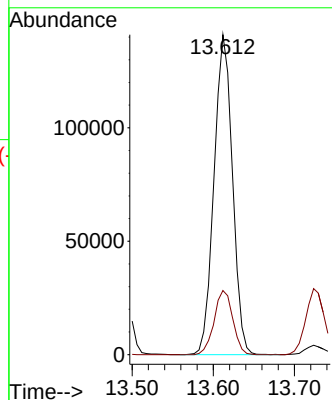
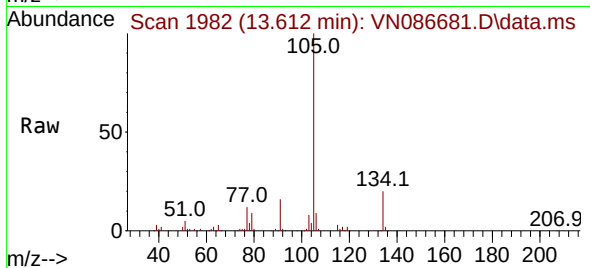
#85
 sec-Butylbenzene
 Concen: 18.787 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01

Tgt Ion:105 Resp: 22282
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

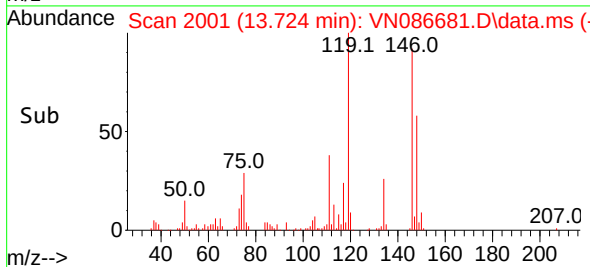
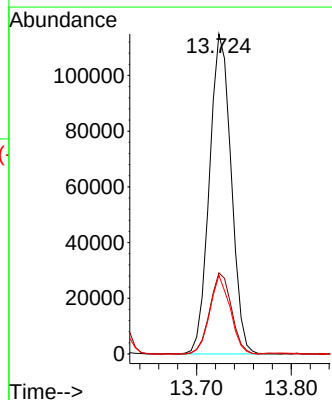
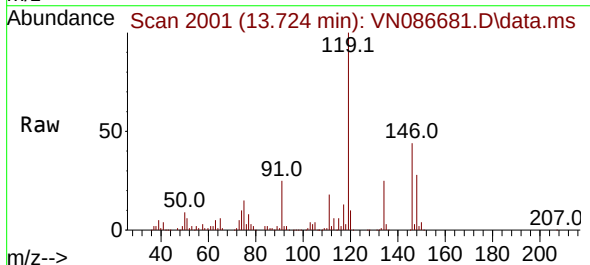
Manual Integrations
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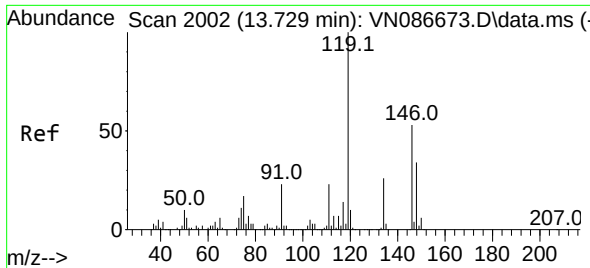
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#86
 p-Isopropyltoluene
 Concen: 18.843 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

Tgt Ion:119 Resp: 183190
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.1 39.1
 91 23.0 11.5 34.5





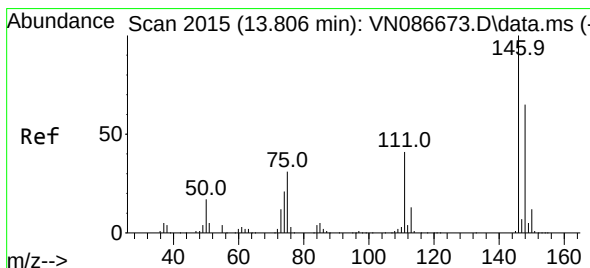
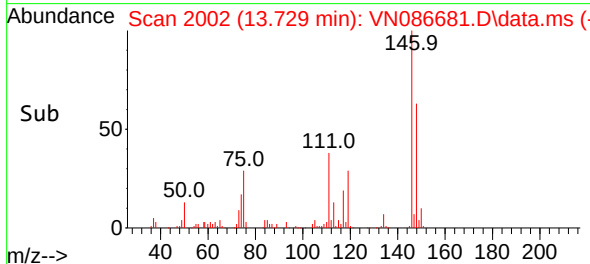
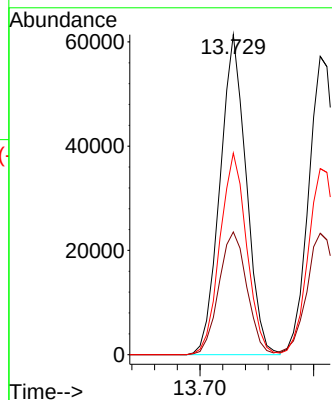
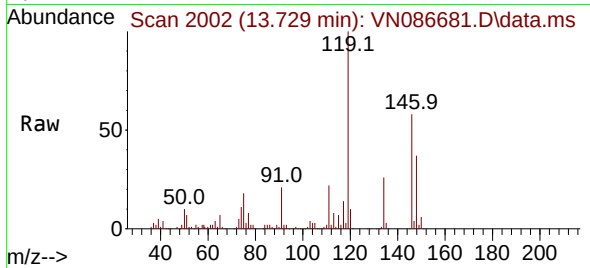
#87
1,3-Dichlorobenzene
Concen: 17.836 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion:146 Resp: 98359
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.7
148 64.3 31.8 95.4

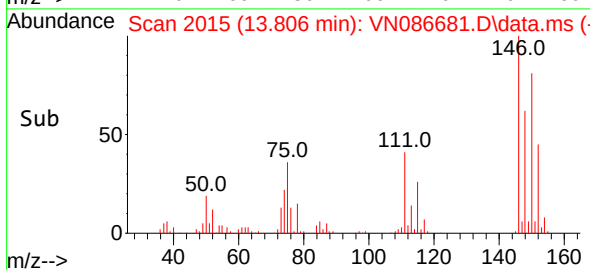
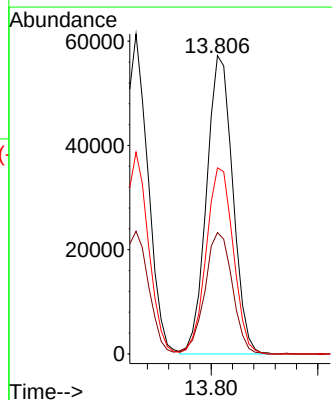
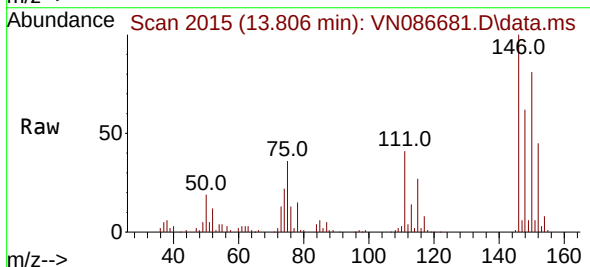
Manual Integrations
APPROVED

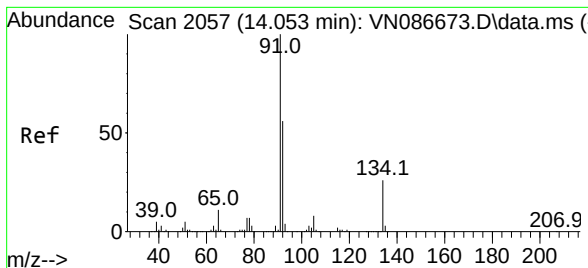
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#88
1,4-Dichlorobenzene
Concen: 17.905 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

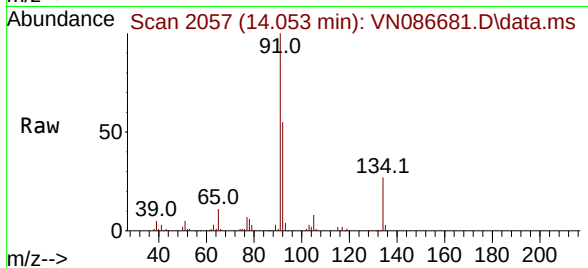
Tgt Ion:146 Resp: 97827
Ion Ratio Lower Upper
146 100
111 42.8 20.6 61.8
148 64.6 32.0 96.0





#89
n-Butylbenzene
Concen: 18.530 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

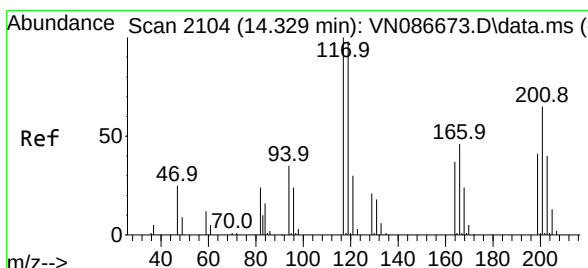
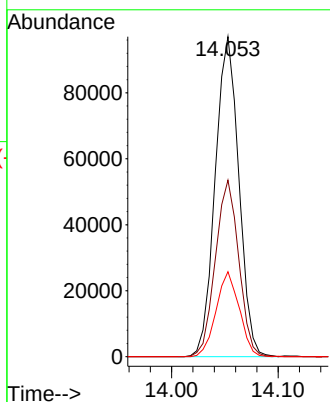
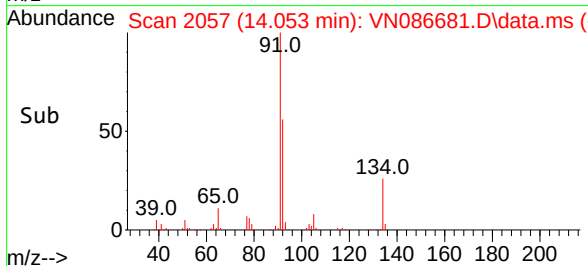
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion: 91 Resp: 14934
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 26.1 12.8 38.4

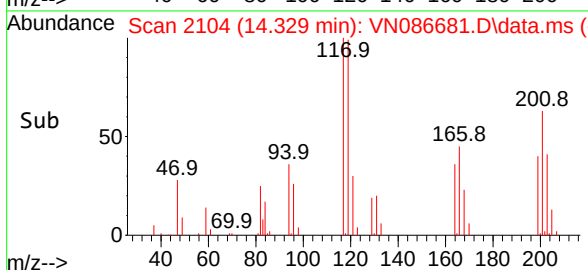
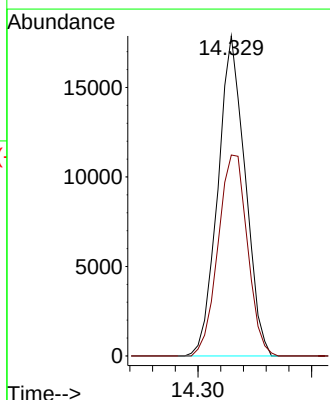
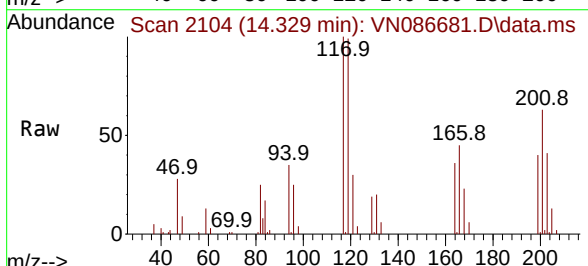
Manual Integrations
APPROVED

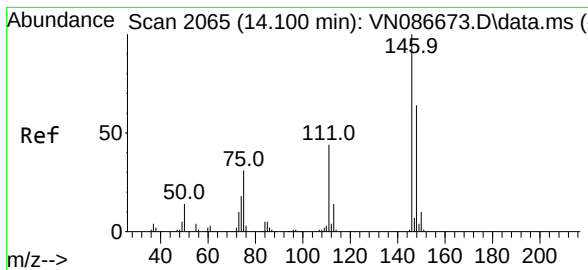
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#90
Hexachloroethane
Concen: 18.466 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion:117 Resp: 29786
Ion Ratio Lower Upper
117 100
201 67.7 32.0 96.0





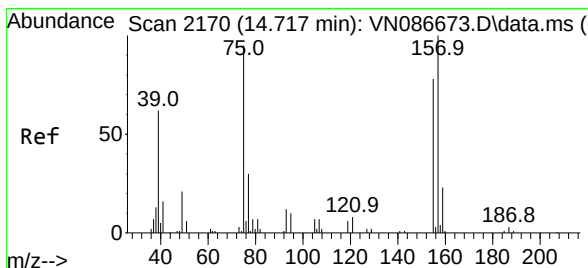
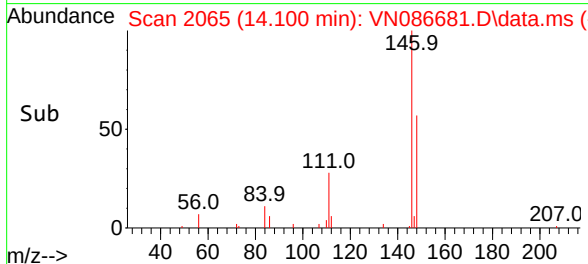
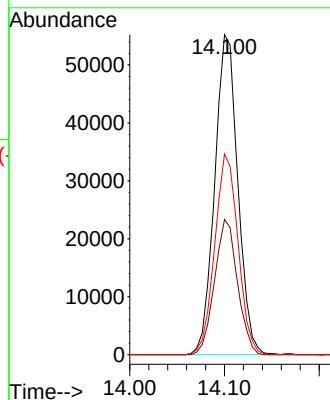
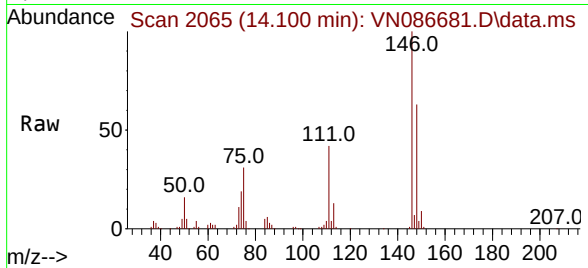
#91
1,2-Dichlorobenzene
Concen: 17.872 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01

Tgt Ion:146 Resp: 9374
Ion Ratio Lower Upper
146 100
111 41.8 21.6 65.0
148 63.3 31.7 95.1

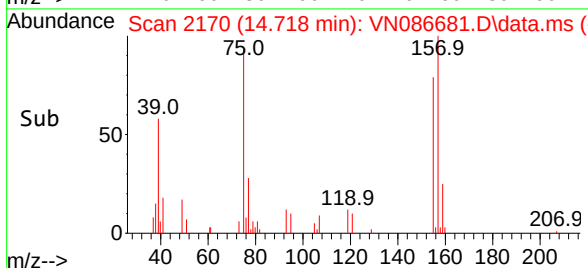
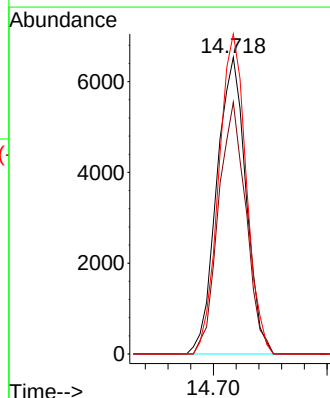
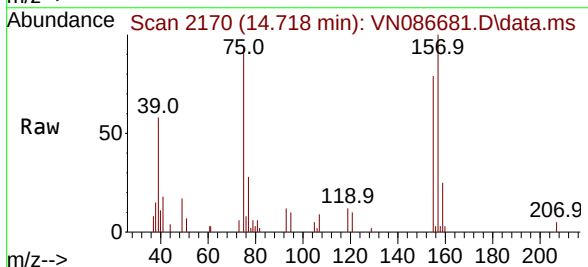
Manual Integrations
APPROVED

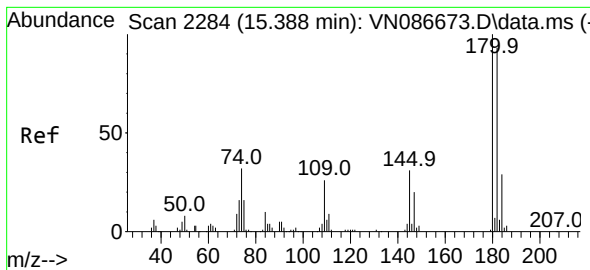
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.097 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

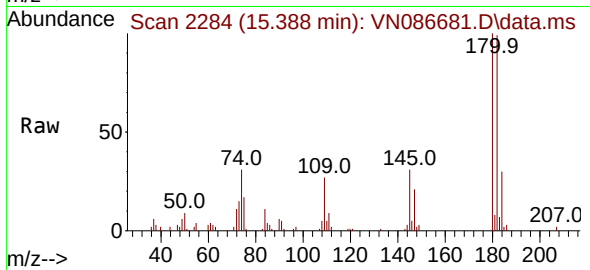
Tgt Ion: 75 Resp: 11660
Ion Ratio Lower Upper
75 100
155 80.0 40.5 121.5
157 101.6 53.6 160.8





#93
 1,2,4-Trichlorobenzene
 Concen: 17.920 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40

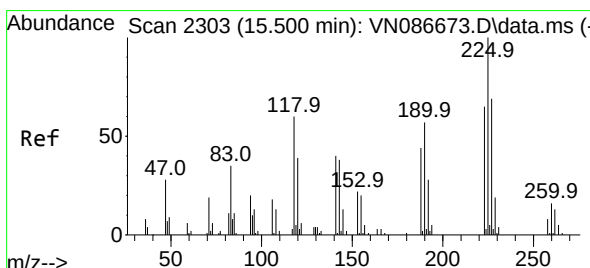
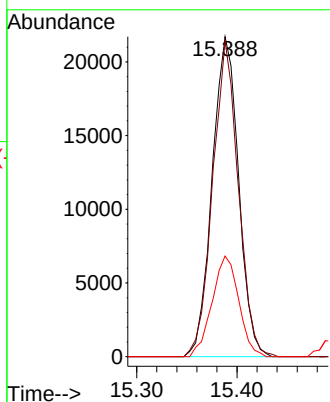
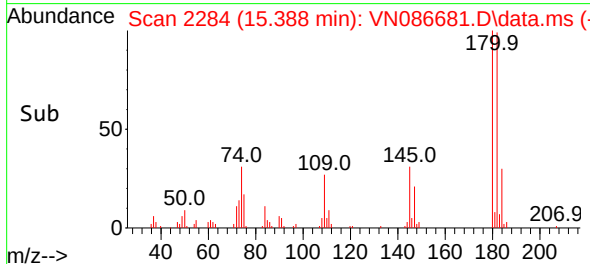
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBS01



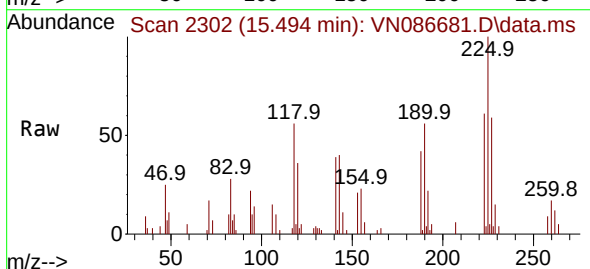
Tgt Ion:180 Resp: 3967
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.3
 145 31.8 15.6 46.8

Manual Integrations
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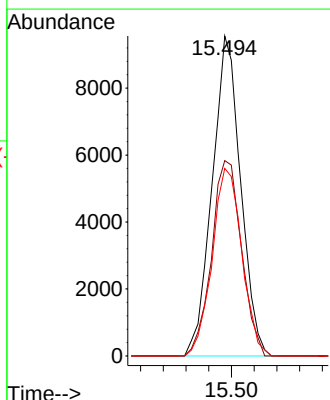
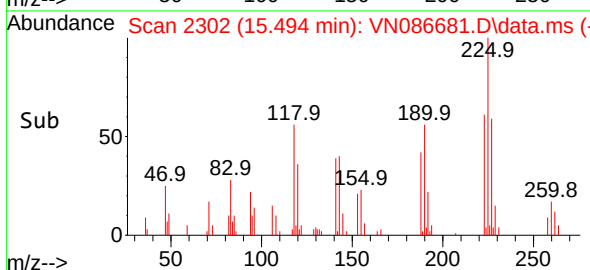
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

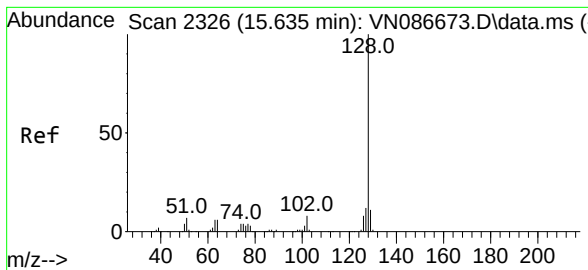


#94
 Hexachlorobutadiene
 Concen: 18.063 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086681.D
 Acq: 19 May 2025 11:40



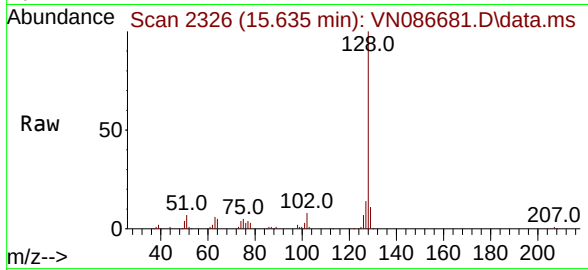
Tgt Ion:225 Resp: 16592
 Ion Ratio Lower Upper
 225 100
 223 64.1 32.9 98.6
 227 61.1 32.4 97.2





#95
Naphthalene
Concen: 17.113 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

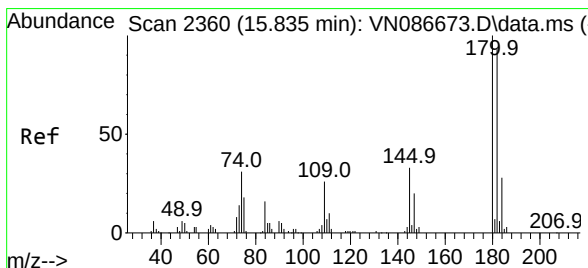
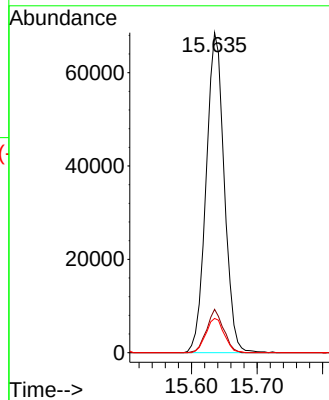
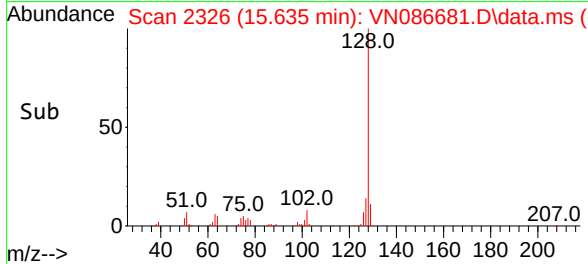
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBS01



Tgt Ion:128 Resp: 131552
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.632 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086681.D
Acq: 19 May 2025 11:40

Tgt Ion:180 Resp: 38228
Ion Ratio Lower Upper
180 100
182 95.5 47.0 141.2
145 33.6 16.7 50.1

