

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086838.D
 Acq On : 03 Jun 2025 13:20
 Operator : JC\MD
 Sample : VN0603WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025

Quant Time: Jun 04 01:57:46 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	283988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	510275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	430553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	192303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	181973	46.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.740%		
35) Dibromofluoromethane	8.159	113	151891	49.982	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.960%		
50) Toluene-d8	10.565	98	591397	46.961	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.920%		
62) 4-Bromofluorobenzene	12.847	95	208331	46.851	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	53812	17.546	ug/l	98
3) Chloromethane	2.371	50	110222	23.761	ug/l	100
4) Vinyl Chloride	2.530	62	66995	16.081	ug/l	96
5) Bromomethane	2.977	94	32163	13.392	ug/l	97
6) Chloroethane	3.136	64	44514	16.311	ug/l	99
7) Trichlorofluoromethane	3.501	101	88148	17.705	ug/l	98
8) Diethyl Ether	3.948	74	40628	19.754	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	56654	19.008	ug/l	98
10) Methyl Iodide	4.571	142	26910	7.258	ug/l	99
11) Tert butyl alcohol	5.512	59	64897	90.804	ug/l	99
12) 1,1-Dichloroethene	4.324	96	56706	17.902	ug/l	99
13) Acrolein	4.159	56	40557	53.083	ug/l	96
14) Allyl chloride	5.006	41	98262	20.495	ug/l	89
15) Acrylonitrile	5.712	53	166222	93.934	ug/l	99
16) Acetone	4.412	43	125964	85.812	ug/l	94
17) Carbon Disulfide	4.700	76	150213	17.128	ug/l	99
18) Methyl Acetate	5.012	43	76462	18.611	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	214403	19.879	ug/l	100
20) Methylene Chloride	5.259	84	66446	17.153	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	60452	18.051	ug/l	95
22) Diisopropyl ether	6.659	45	211170	19.523	ug/l	98
23) Vinyl Acetate	6.594	43	785744	96.658	ug/l	98
24) 1,1-Dichloroethane	6.559	63	116831	18.397	ug/l	98
25) 2-Butanone	7.477	43	214606	94.610	ug/l	99
26) 2,2-Dichloropropane	7.483	77	103280	19.707	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	76629	18.641	ug/l	99
28) Bromochloromethane	7.812	49	57682	19.992	ug/l	96
29) Tetrahydrofuran	7.836	42	141314	95.445	ug/l	100
30) Chloroform	7.959	83	115571	18.183	ug/l	98
31) Cyclohexane	8.247	56	106015	18.000	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	98360	18.354	ug/l	94
36) 1,1-Dichloropropene	8.365	75	83438	18.614	ug/l	99
37) Ethyl Acetate	7.553	43	85931	18.978	ug/l	97
38) Carbon Tetrachloride	8.353	117	81872	18.537	ug/l	96
39) Methylcyclohexane	9.600	83	97899	20.179	ug/l	96
40) Benzene	8.600	78	274657	18.783	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	49006	20.045	ug/l	97
42) 1,2-Dichloroethane	8.665	62	83577	18.346	ug/l	96
43) Isopropyl Acetate	8.683	43	150999	16.635	ug/l	96
44) Trichloroethene	9.347	130	63258	17.936	ug/l	99
45) 1,2-Dichloropropane	9.618	63	67663	19.479	ug/l	98
46) Dibromomethane	9.706	93	44596	19.026	ug/l	99
47) Bromodichloromethane	9.882	83	93015	19.260	ug/l	98
48) Methyl methacrylate	9.677	41	68495	19.473	ug/l	97
49) 1,4-Dioxane	9.694	88	27033	362.952	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	425395	92.930	ug/l	99
52) Toluene	10.630	92	168549	18.546	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	104834	20.502	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	113076	20.258	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	63651	18.775	ug/l	98
56) Ethyl methacrylate	10.877	69	108927	20.011	ug/l	99
57) 1,3-Dichloropropane	11.159	76	112229	19.216	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	278884	114.636	ug/l	99
59) 2-Hexanone	11.200	43	270873	81.032	ug/l	98
60) Dibromochloromethane	11.359	129	68721	19.342	ug/l	99
61) 1,2-Dibromoethane	11.471	107	64226	18.852	ug/l	100
64) Tetrachloroethene	11.100	164	50645	15.355	ug/l	97
65) Chlorobenzene	11.888	112	182720	19.353	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	61410	20.148	ug/l	97
67) Ethyl Benzene	11.965	91	313319	19.375	ug/l	100
68) m/p-Xylenes	12.071	106	239195	39.052	ug/l	98
69) o-Xylene	12.394	106	117643	19.319	ug/l	99
70) Styrene	12.412	104	196969	19.757	ug/l	100
71) Bromoform	12.576	173	44330	20.451	ug/l #	98
73) Isopropylbenzene	12.694	105	287026	19.325	ug/l	99
74) N-amyl acetate	12.506	43	112027	18.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	93075	20.398	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	74966m	17.237	ug/l	
77) Bromobenzene	12.976	156	67245	17.999	ug/l	98
78) n-propylbenzene	13.035	91	329636	19.340	ug/l	99
79) 2-Chlorotoluene	13.123	91	205023	18.500	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	232803	19.564	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	40628	23.575	ug/l	90
82) 4-Chlorotoluene	13.218	91	206930	18.846	ug/l	100
83) tert-Butylbenzene	13.435	119	206598	19.909	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	233529	19.708	ug/l	99
85) sec-Butylbenzene	13.612	105	275626	19.809	ug/l	99
86) p-Isopropyltoluene	13.729	119	236095	20.700	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	122189	18.887	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	122295	19.079	ug/l	98
89) n-Butylbenzene	14.053	91	202721	21.440	ug/l	99
90) Hexachloroethane	14.329	117	38593	20.394	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	118775	19.302	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17995	23.806	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63294	24.368	ug/l	99
94) Hexachlorobutadiene	15.494	225	22251	20.648	ug/l	98
95) Naphthalene	15.635	128	231862	25.709	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	61361	24.123	ug/l	99

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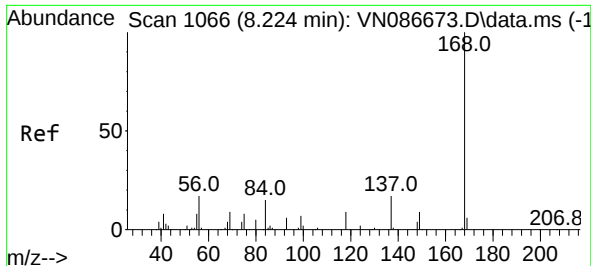
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

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Quant Title : SW846 8260
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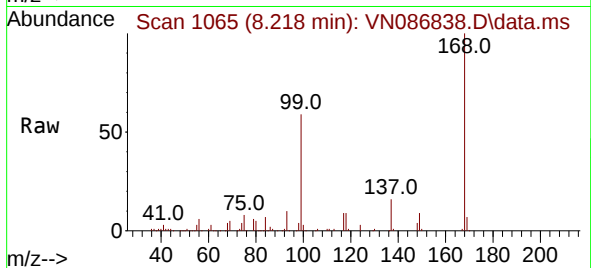
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

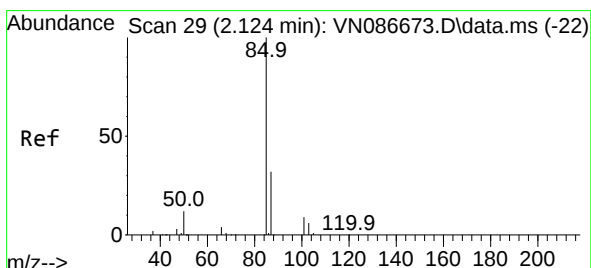
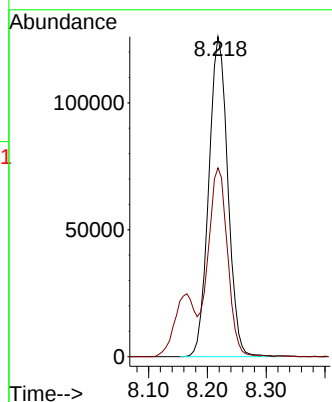
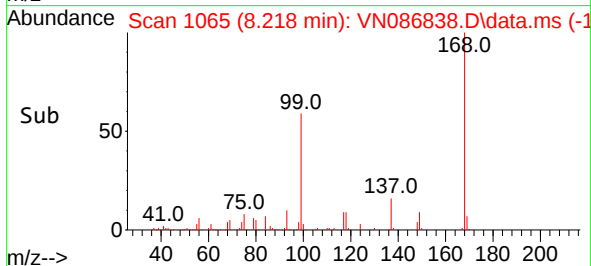
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion:168 Resp: 28398
Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.4

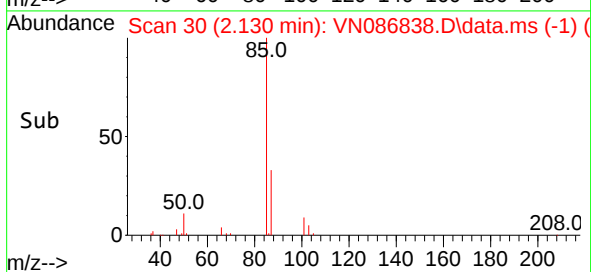
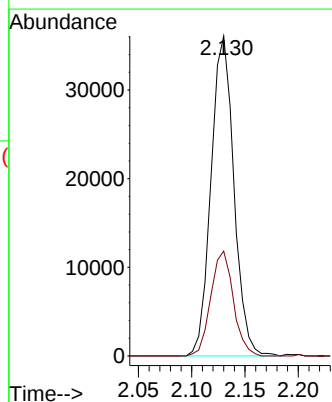
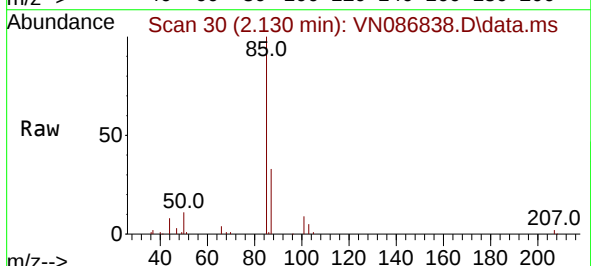
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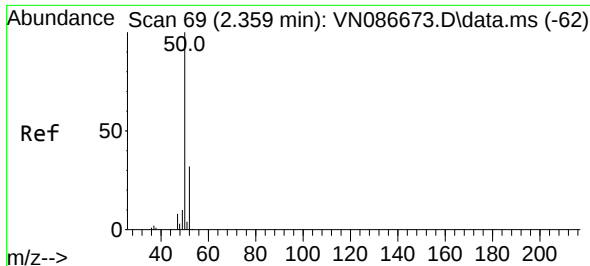
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#2
Dichlorodifluoromethane
Concen: 17.546 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

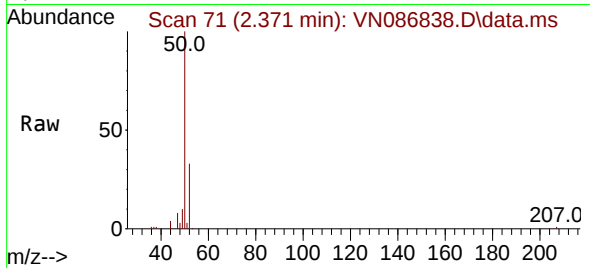
Tgt Ion: 85 Resp: 53812
Ion Ratio Lower Upper
85 100
87 32.7 15.9 47.6





#3
Chloromethane
Concen: 23.761 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

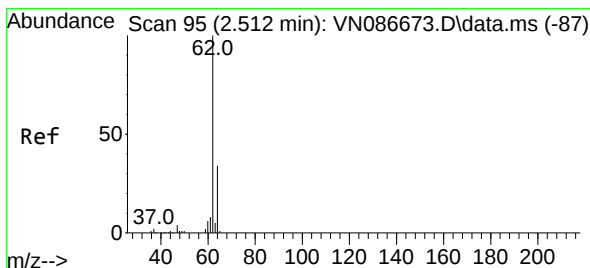
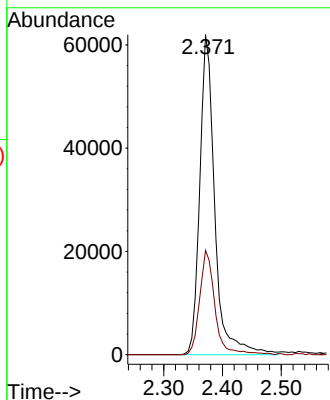
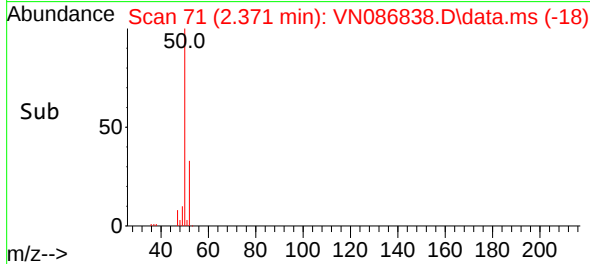
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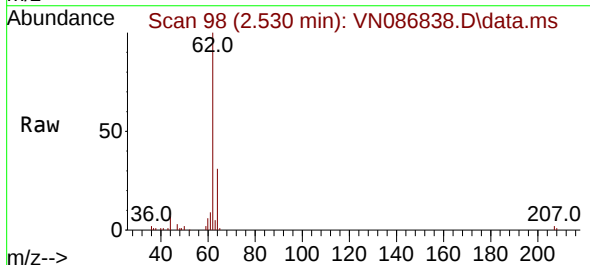
Tgt Ion: 50 Resp: 11022
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

Manual Integrations
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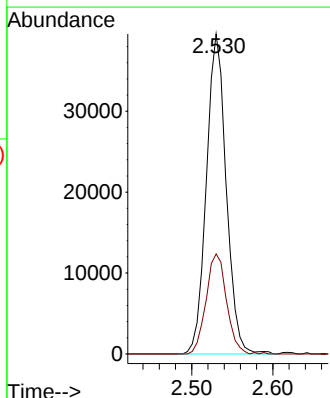
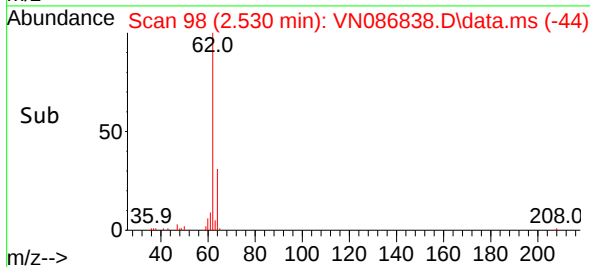
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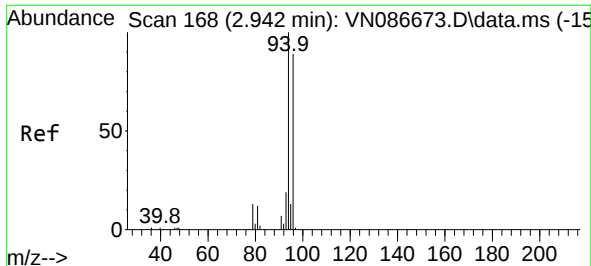


#4
Vinyl Chloride
Concen: 16.081 ug/l
RT: 2.530 min Scan# 98
Delta R.T. 0.018 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



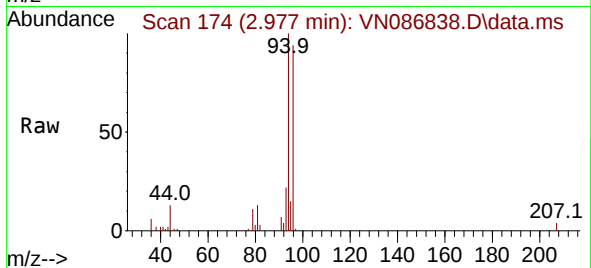
Tgt Ion: 62 Resp: 66995
Ion Ratio Lower Upper
62 100
64 31.2 26.9 40.3





#5
Bromomethane
Concen: 13.392 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

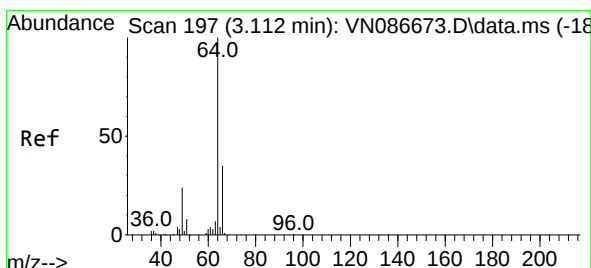
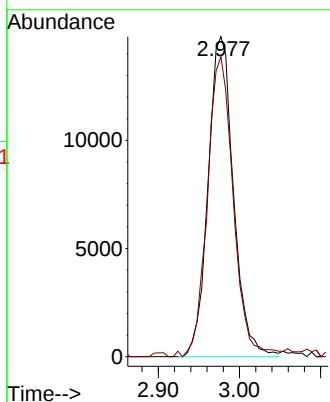
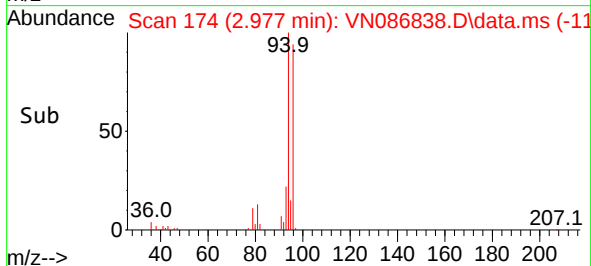
Instrument :
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Tgt Ion: 94 Resp: 3216
Ion Ratio Lower Upper
94 100
96 92.1 71.2 106.8

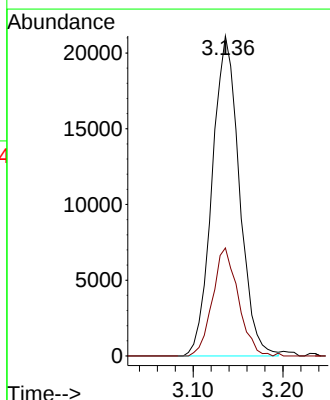
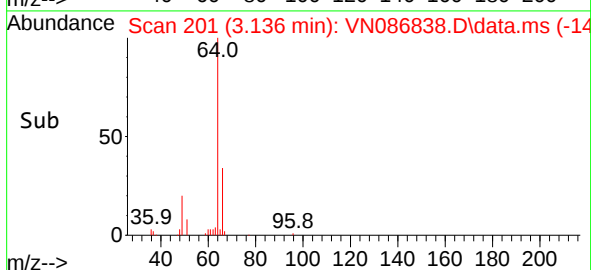
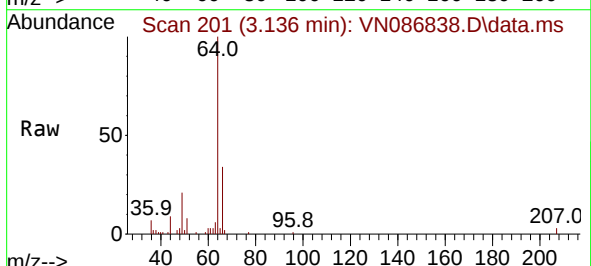
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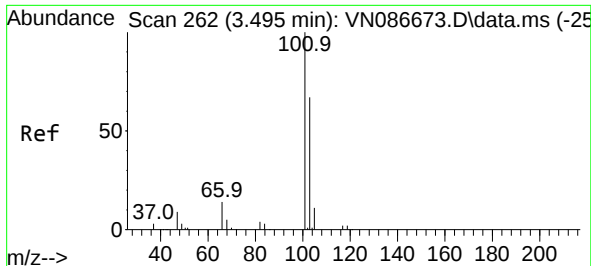
Reviewed By :John Carlone 06/04/2025
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#6
Chloroethane
Concen: 16.311 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.024 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 64 Resp: 44514
Ion Ratio Lower Upper
64 100
66 33.8 27.7 41.5





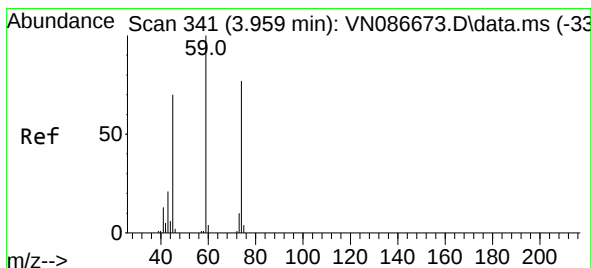
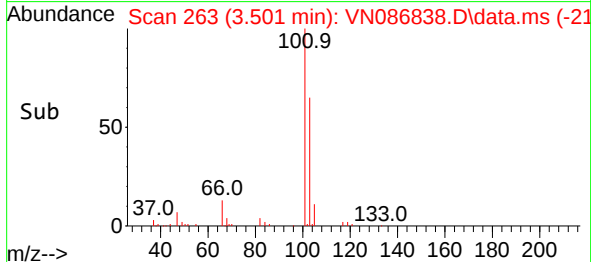
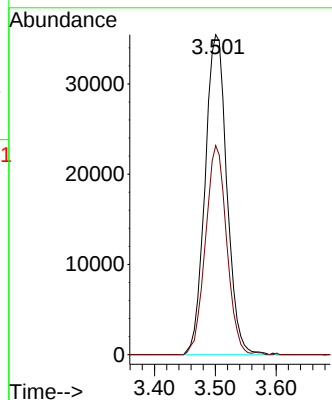
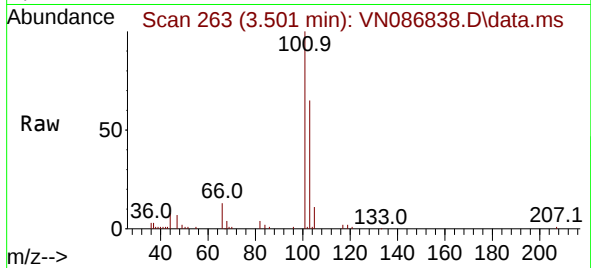
#7
Trichlorofluoromethane
Concen: 17.705 ug/l
RT: 3.501 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 8814
Ion Ratio Lower Upper
101 100
103 65.3 53.4 80.0

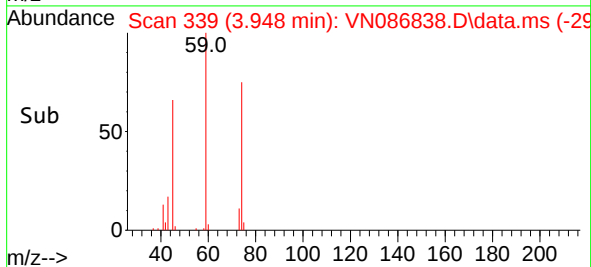
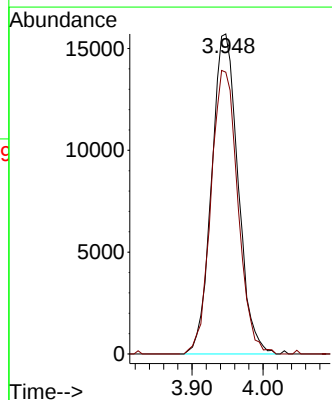
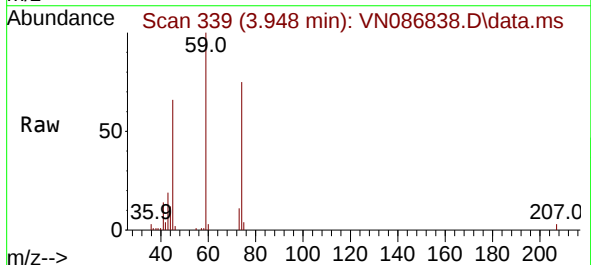
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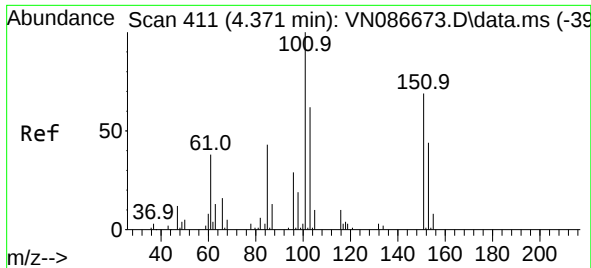
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#8
Diethyl Ether
Concen: 19.754 ug/l
RT: 3.948 min Scan# 339
Delta R.T. -0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 74 Resp: 40628
Ion Ratio Lower Upper
74 100
45 90.1 45.0 135.0





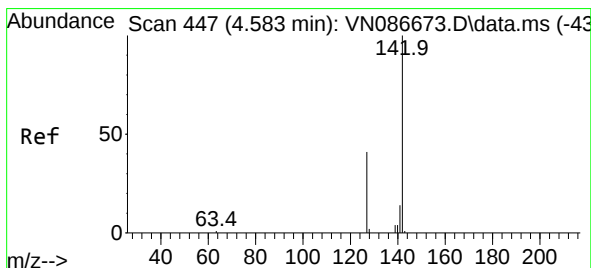
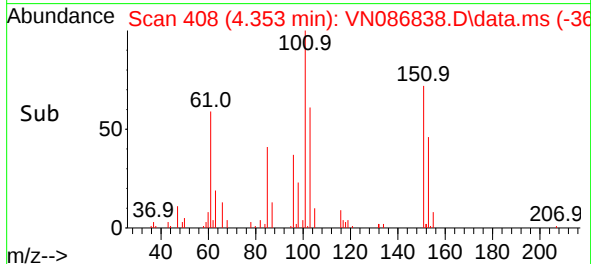
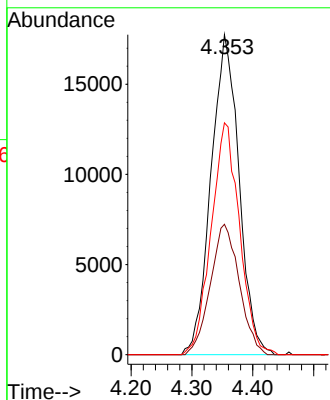
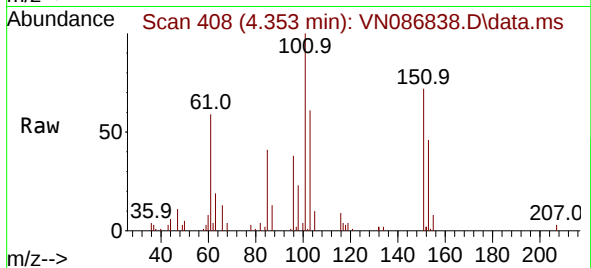
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.008 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion:101 Resp: 56654
Ion Ratio Lower Upper
101 100
85 42.1 35.0 52.6
151 73.3 58.1 87.1

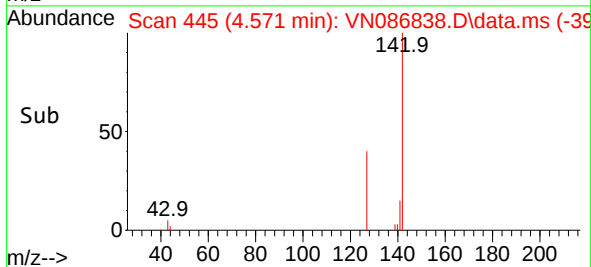
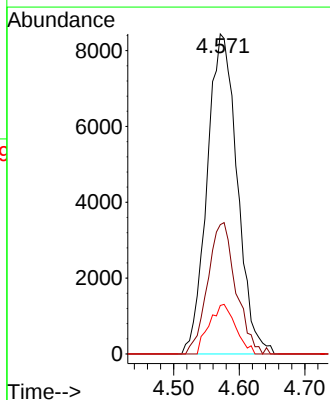
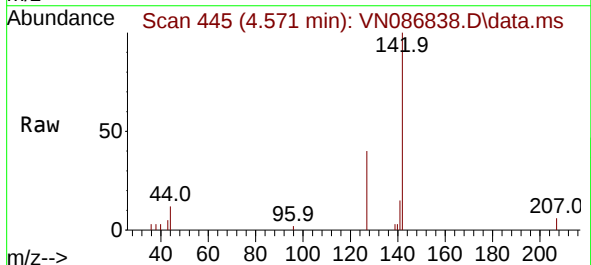
Manual Integrations
APPROVED

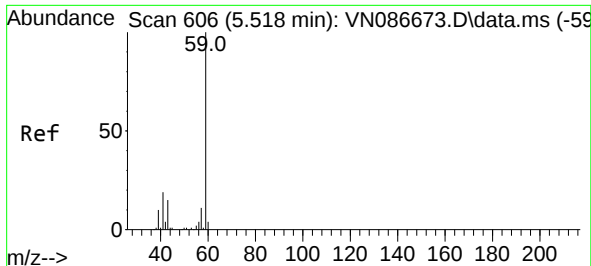
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#10
Methyl Iodide
Concen: 7.258 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

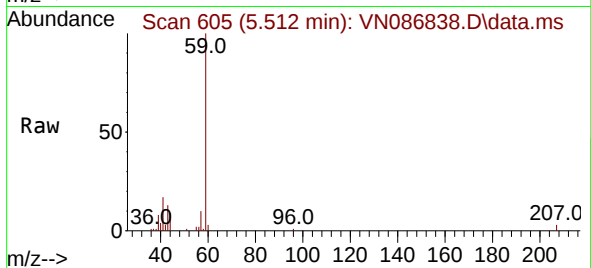
Tgt Ion:142 Resp: 26910
Ion Ratio Lower Upper
142 100
127 40.4 32.4 48.6
141 15.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 90.804 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

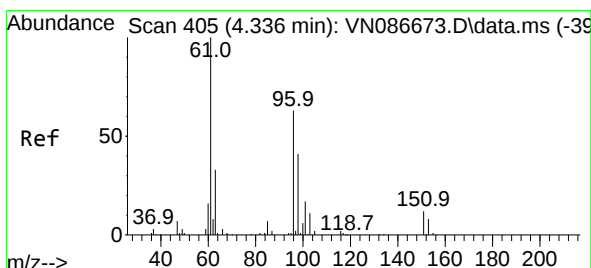
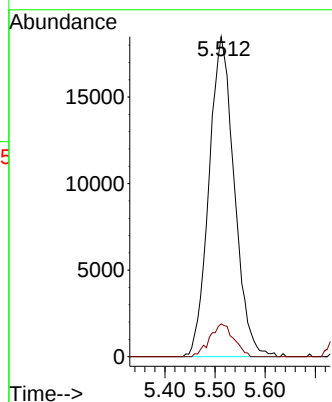
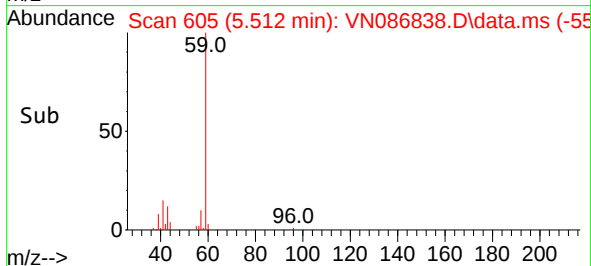
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



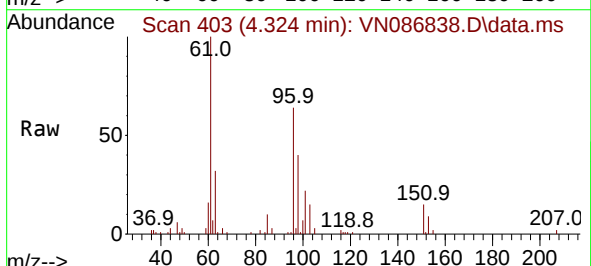
Tgt Ion: 59 Resp: 6489
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2

Manual Integrations
APPROVED

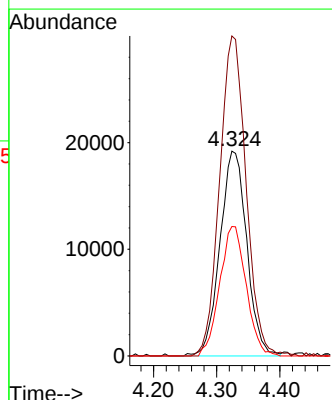
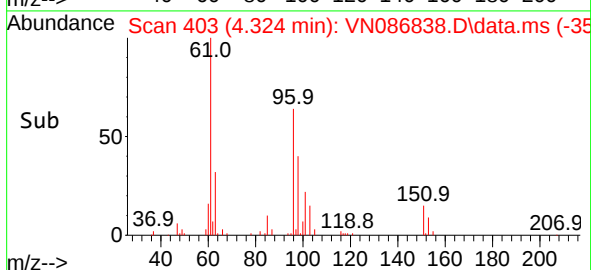
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

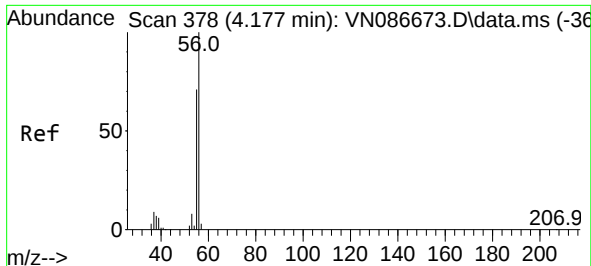


#12
1,1-Dichloroethene
Concen: 17.902 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



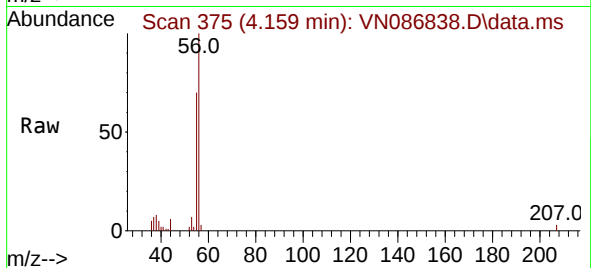
Tgt Ion: 96 Resp: 56706
Ion Ratio Lower Upper
96 100
61 156.3 126.2 189.2
98 63.2 51.5 77.3





#13
Acrolein
Concen: 53.083 ug/l
RT: 4.159 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

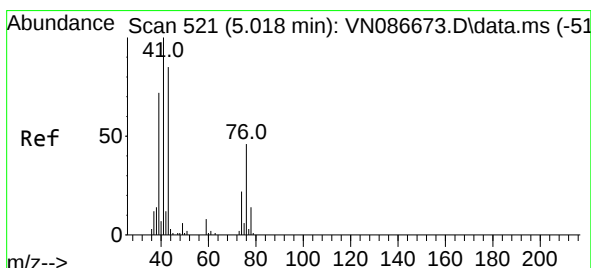
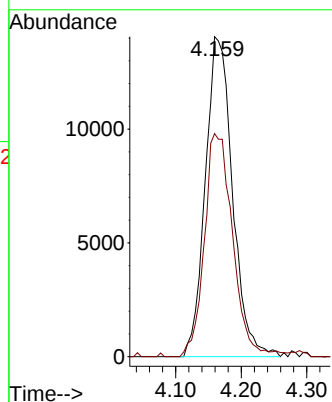
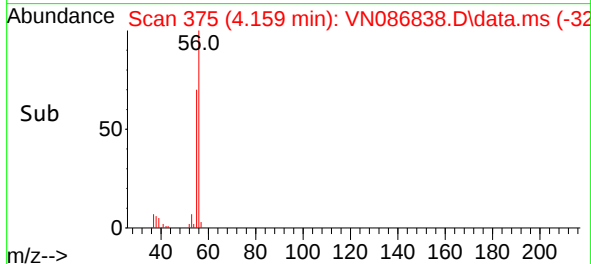
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 56 Resp: 4055
Ion Ratio Lower Upper
56 100
55 72.6 55.7 83.5

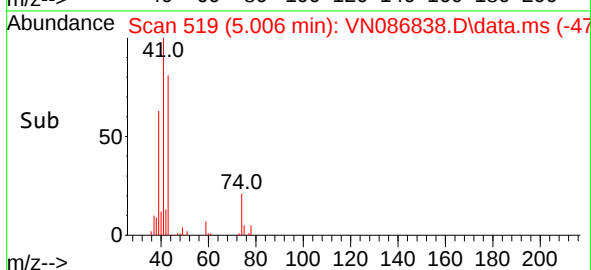
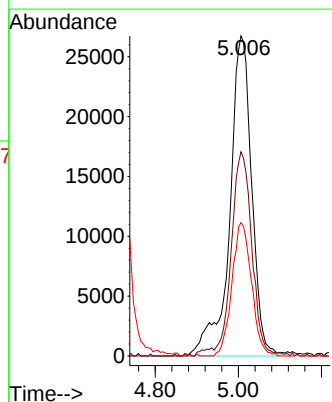
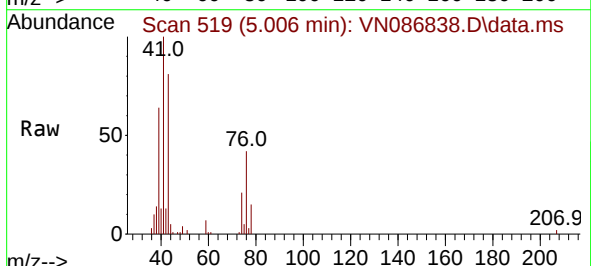
Manual Integrations
APPROVED

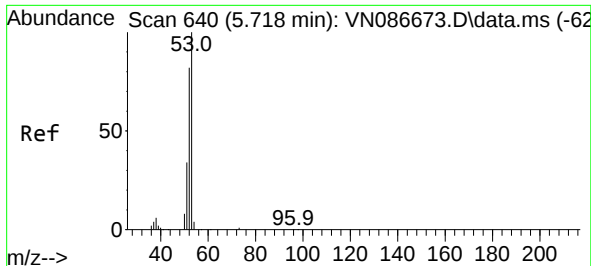
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#14
Allyl chloride
Concen: 20.495 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

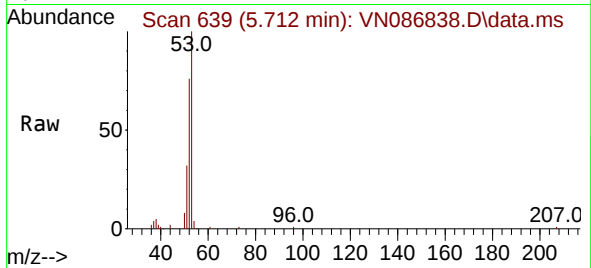
Tgt Ion: 41 Resp: 98262
Ion Ratio Lower Upper
41 100
39 60.2 57.4 86.0
76 36.9 33.2 49.8





#15
Acrylonitrile
Concen: 93.934 ug/l
RT: 5.712 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

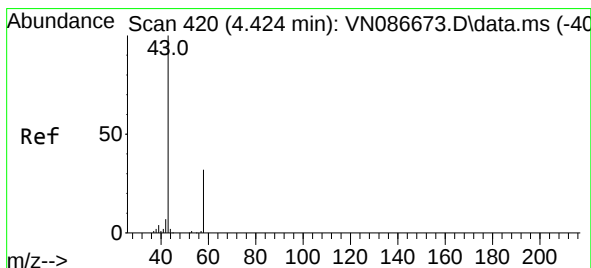
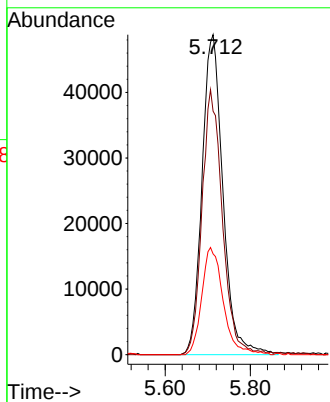
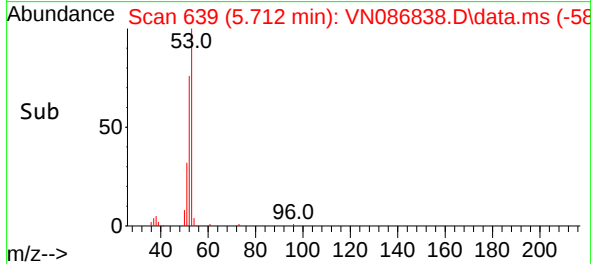
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 53 Resp: 166222
Ion Ratio Lower Upper
53 100
52 80.6 65.4 98.2
51 34.4 27.9 41.9

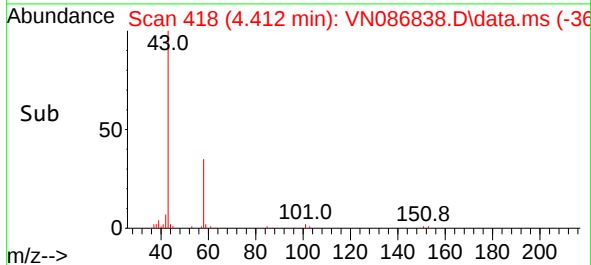
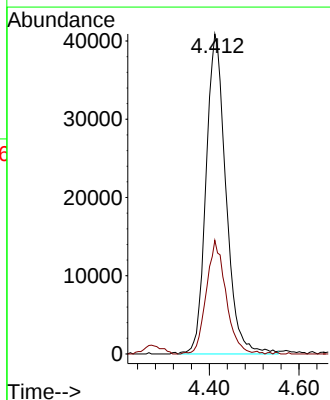
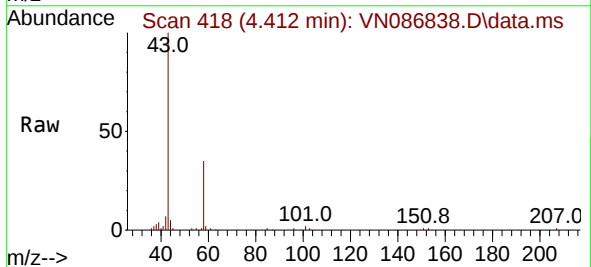
Manual Integrations
APPROVED

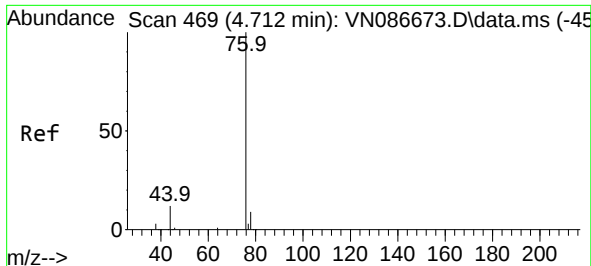
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#16
Acetone
Concen: 85.812 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

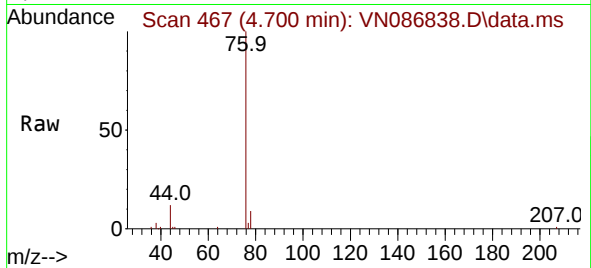
Tgt Ion: 43 Resp: 125964
Ion Ratio Lower Upper
43 100
58 35.5 25.8 38.6





#17
Carbon Disulfide
Concen: 17.128 ug/l
RT: 4.700 min Scan# 40
Delta R.T. -0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

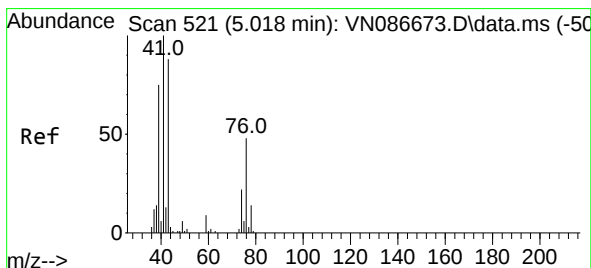
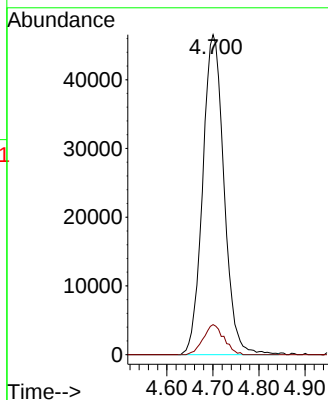
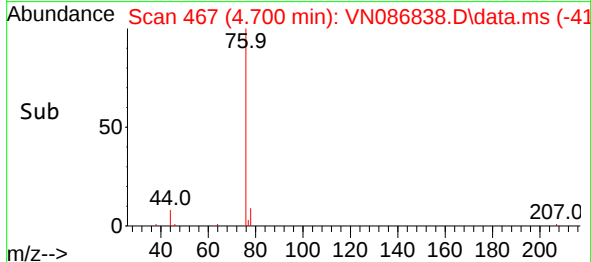
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



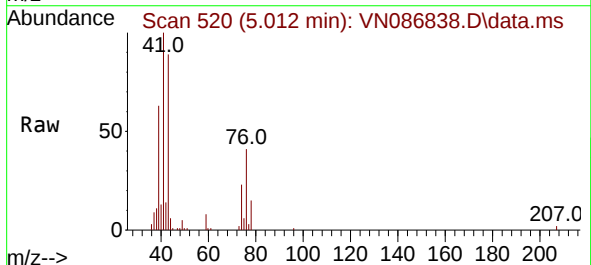
Tgt Ion: 76 Resp: 15021
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

Manual Integrations
APPROVED

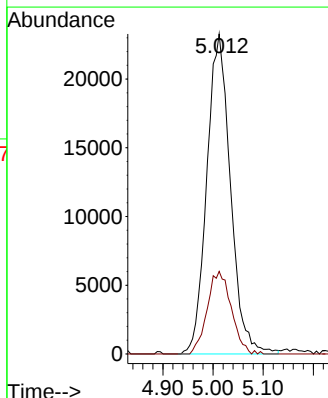
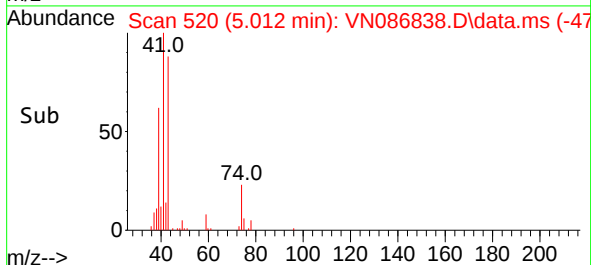
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

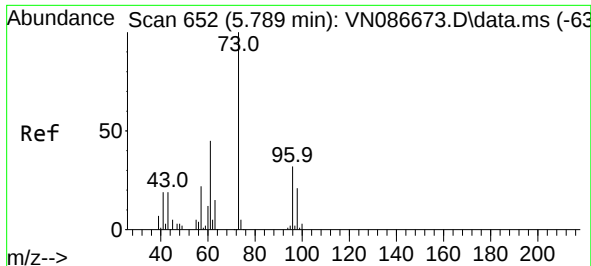


#18
Methyl Acetate
Concen: 18.611 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



Tgt Ion: 43 Resp: 76462
Ion Ratio Lower Upper
43 100
74 25.9 20.5 30.7





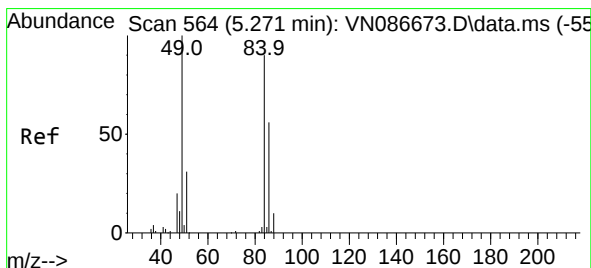
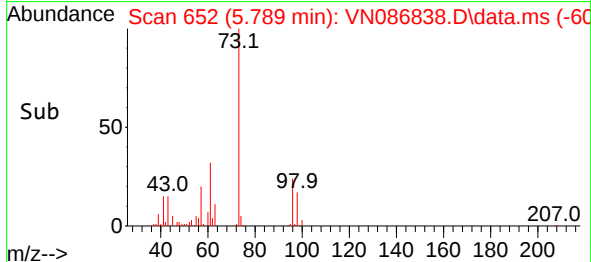
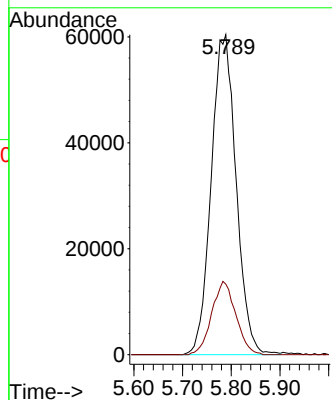
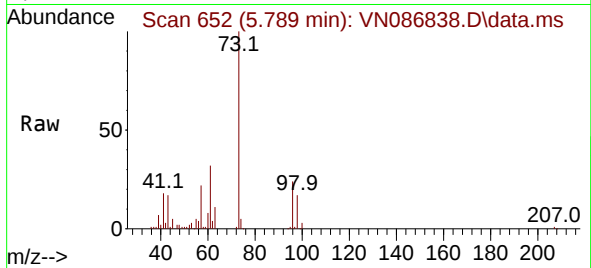
#19
Methyl tert-butyl Ether
Concen: 19.879 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion: 73 Resp: 21440
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

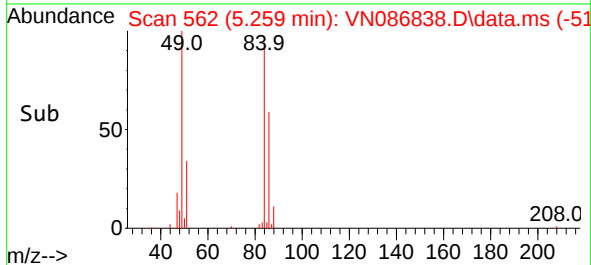
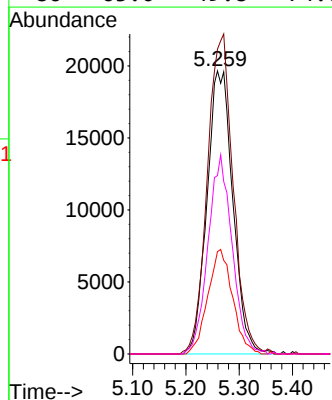
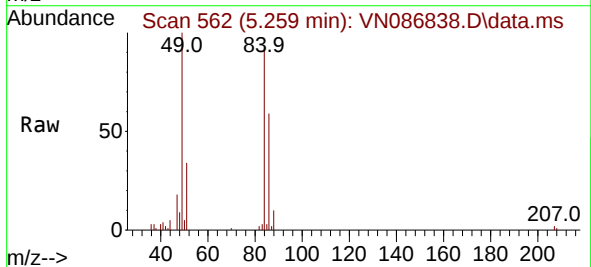
Manual Integrations
APPROVED

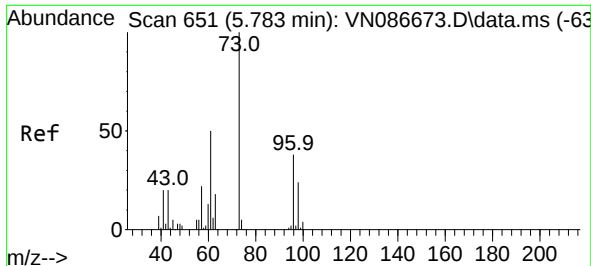
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#20
Methylene Chloride
Concen: 17.153 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

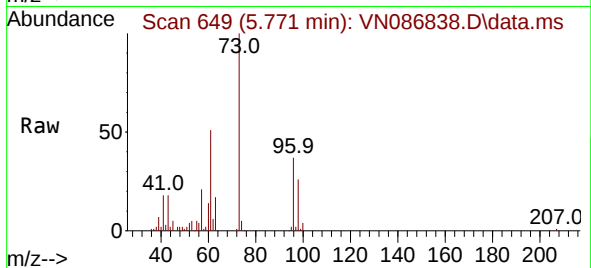
Tgt Ion: 84 Resp: 66446
Ion Ratio Lower Upper
84 100
49 107.7 88.8 133.2
51 36.2 27.8 41.6
86 63.0 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 18.051 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

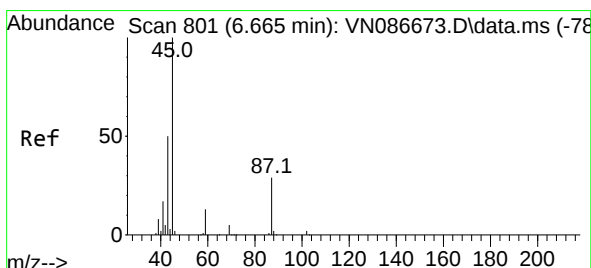
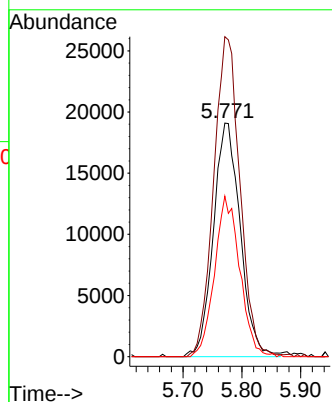
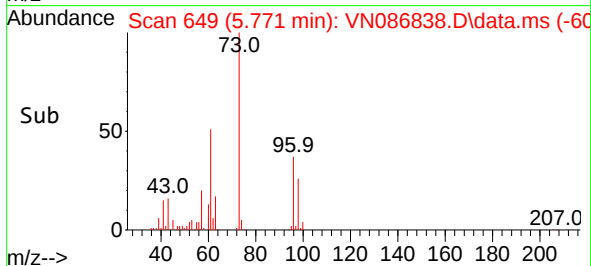
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 96 Resp: 60452
Ion Ratio Lower Upper
96 100
61 137.0 105.7 158.5
98 68.7 51.0 76.6

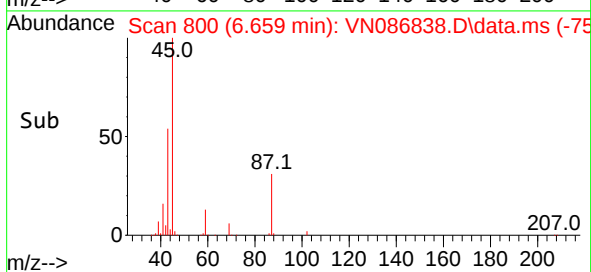
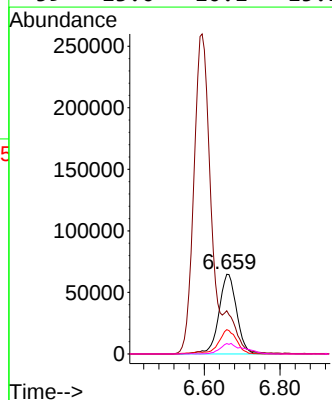
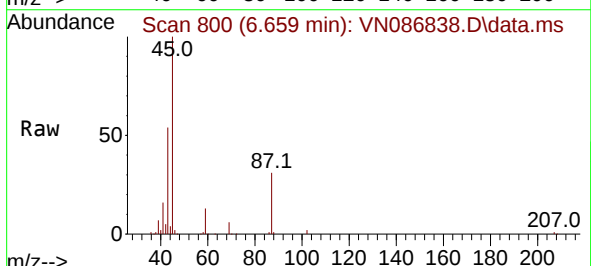
Manual Integrations
APPROVED

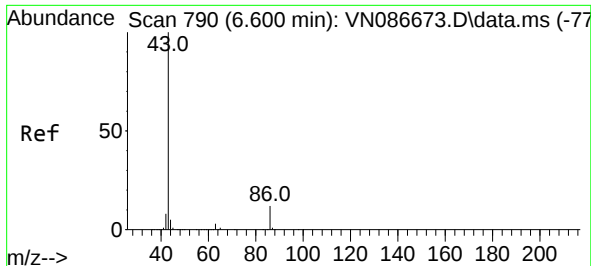
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#22
Diisopropyl ether
Concen: 19.523 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

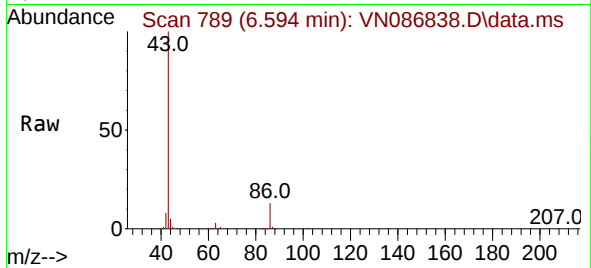
Tgt Ion: 45 Resp: 211170
Ion Ratio Lower Upper
45 100
43 53.1 41.4 62.2
87 30.6 22.9 34.3
59 13.0 10.1 15.1





#23
 Vinyl Acetate
 Concen: 96.658 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086838.D
 Acq: 03 Jun 2025 13:20

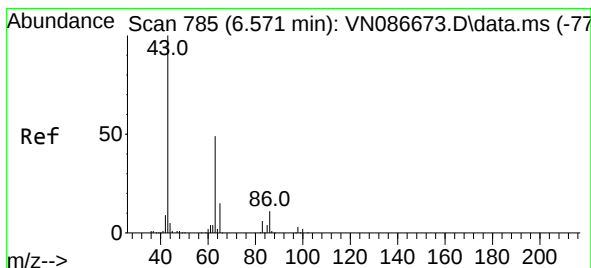
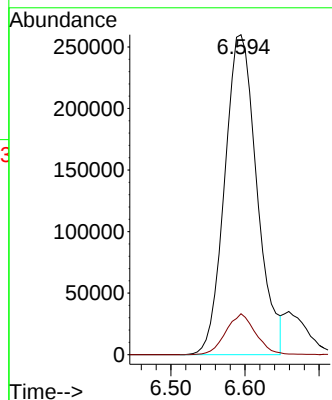
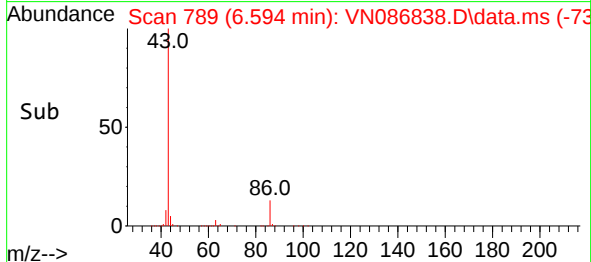
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01



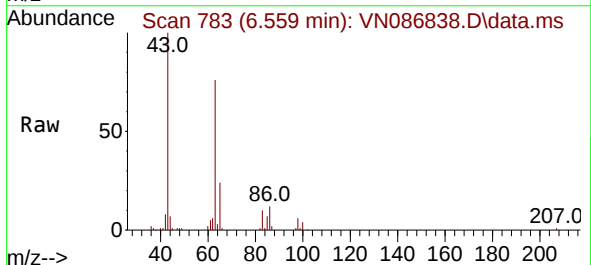
Tgt Ion: 43 Resp: 785744
 Ion Ratio Lower Upper
 43 100
 86 12.8 9.5 14.3

Manual Integrations
 APPROVED

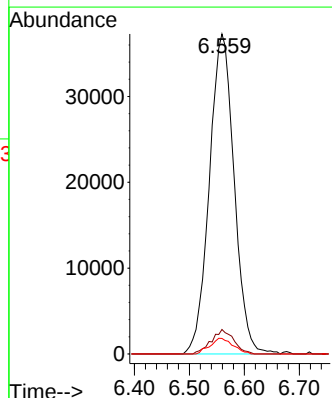
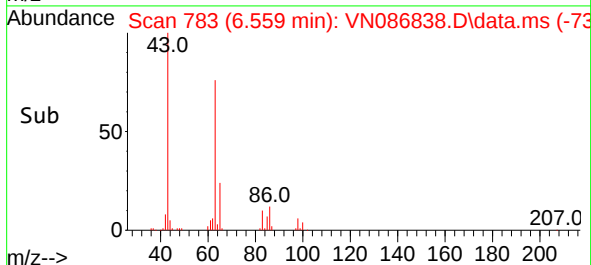
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025

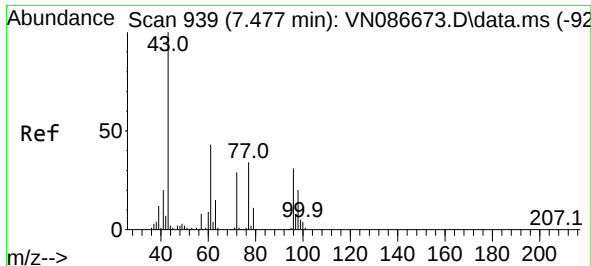


#24
 1,1-Dichloroethane
 Concen: 18.397 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN086838.D
 Acq: 03 Jun 2025 13:20



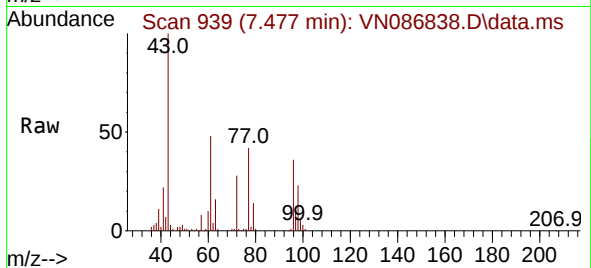
Tgt Ion: 63 Resp: 116831
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.4 10.2
 100 4.9 2.4 7.1





#25
2-Butanone
Concen: 94.610 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

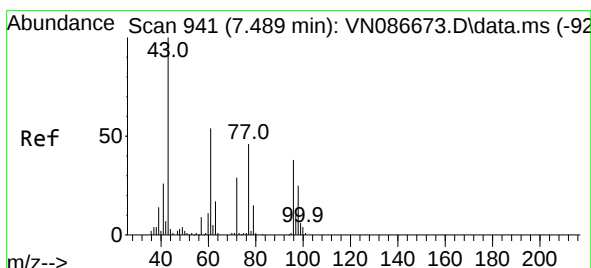
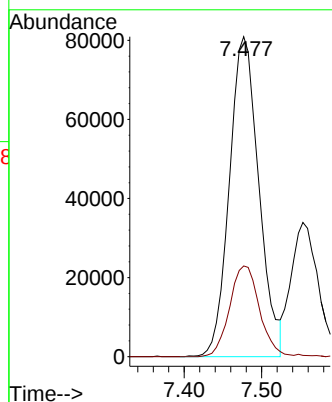
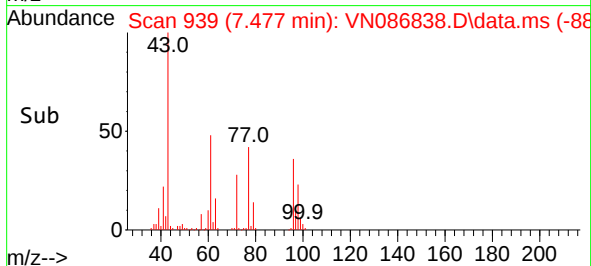
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



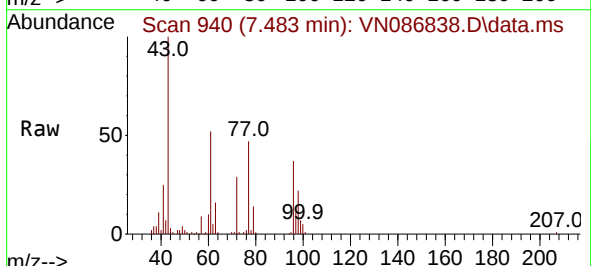
Tgt Ion: 43 Resp: 214600
Ion Ratio Lower Upper
43 100
72 28.4 23.1 34.7

Manual Integrations
APPROVED

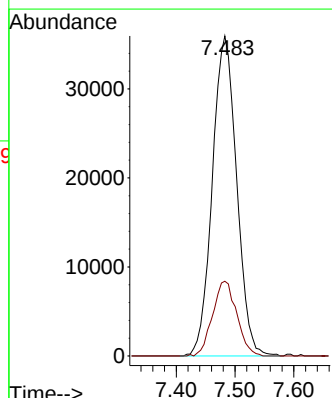
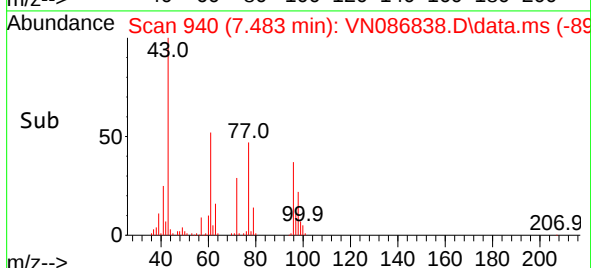
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

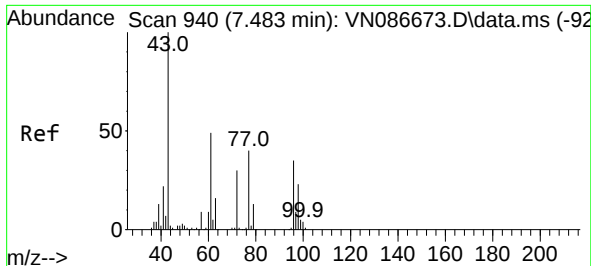


#26
2,2-Dichloropropane
Concen: 19.707 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



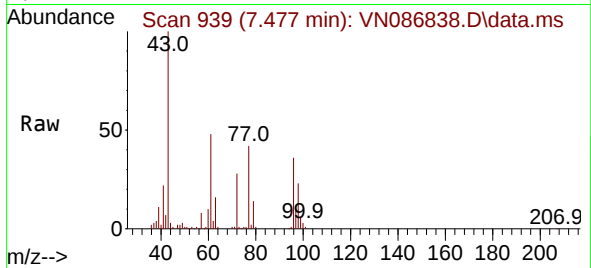
Tgt Ion: 77 Resp: 103280
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 18.641 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

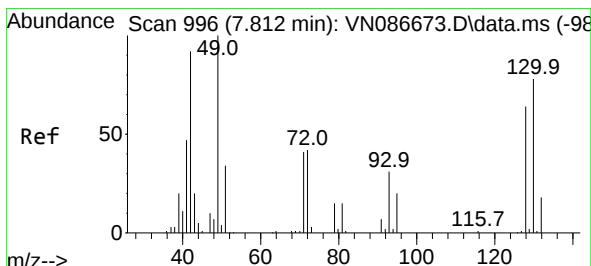
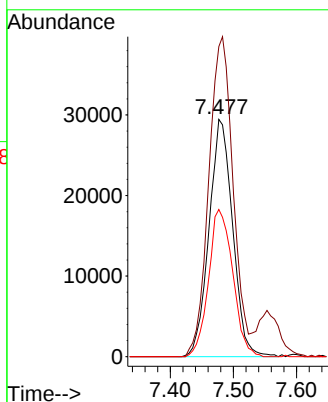
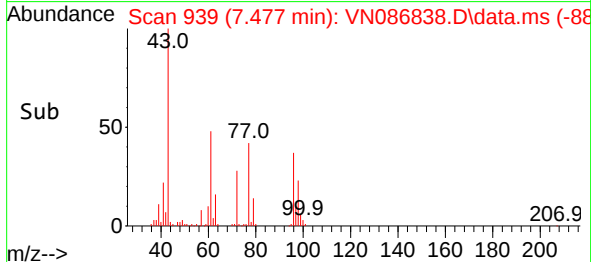
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 96 Resp: 76629
Ion Ratio Lower Upper
96 100
61 138.8 0.0 277.4
98 63.4 0.0 129.6

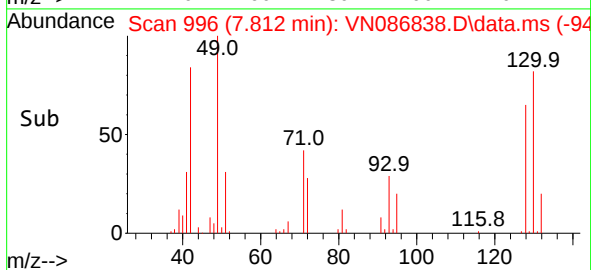
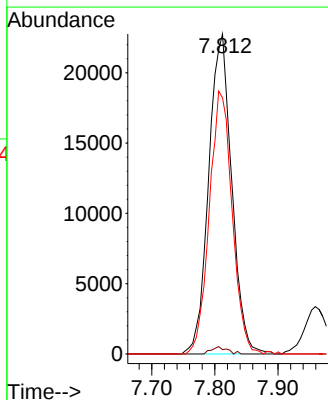
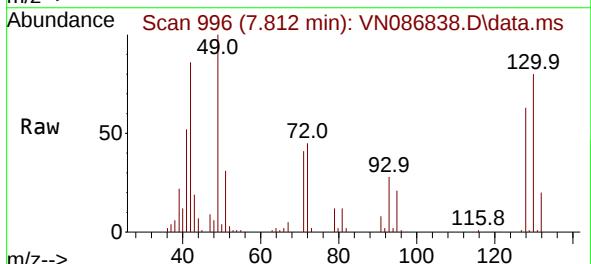
Manual Integrations
APPROVED

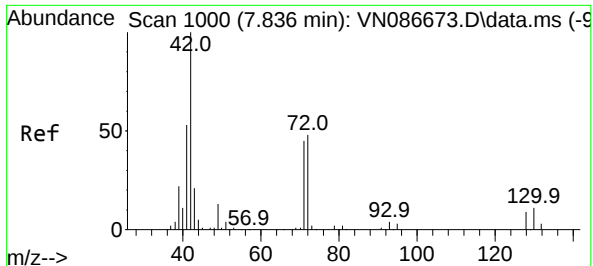
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#28
Bromochloromethane
Concen: 19.992 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 49 Resp: 57682
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.8
130 81.1 62.2 93.4





#29

Tetrahydrofuran

Concen: 95.445 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tgt Ion: 42 Resp: 141314

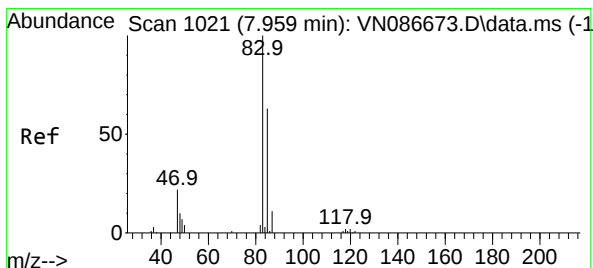
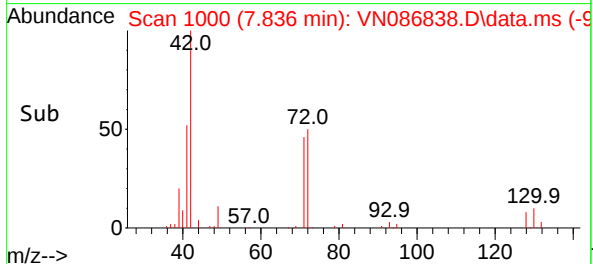
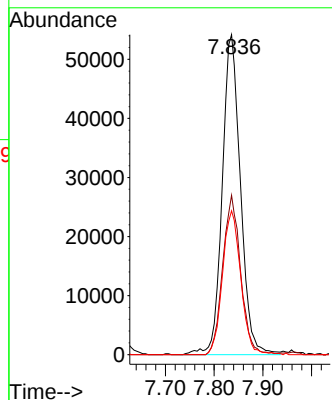
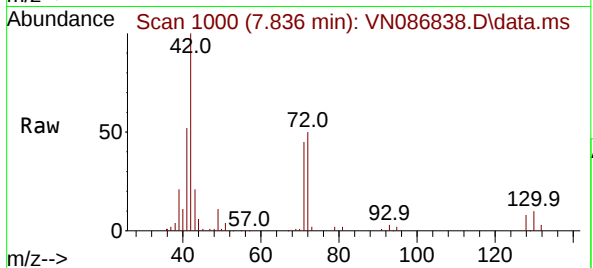
Ion	Ratio	Lower	Upper
42	100		
72	48.8	38.7	58.1
71	45.1	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#30

Chloroform

Concen: 18.183 ug/l

RT: 7.959 min Scan# 1021

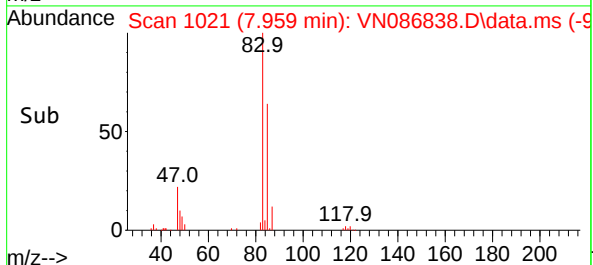
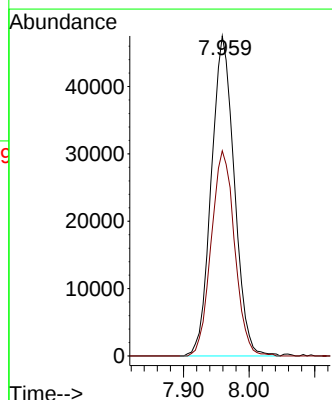
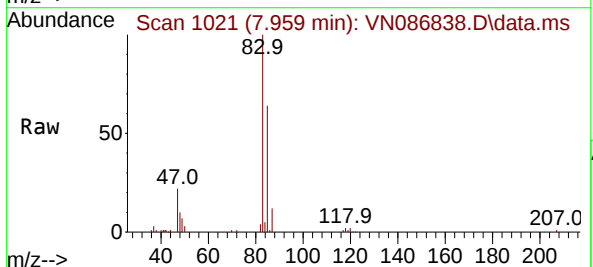
Delta R.T. -0.000 min

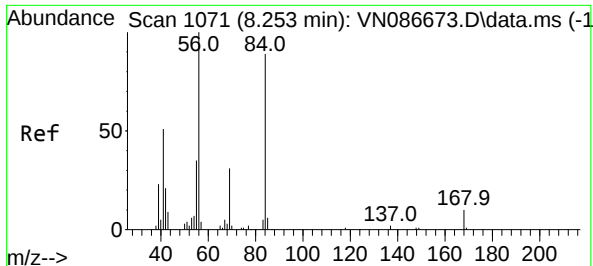
Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Tgt Ion: 83 Resp: 115571

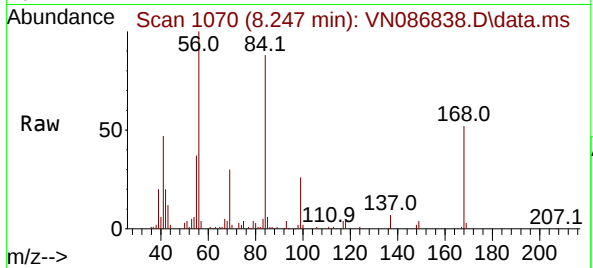
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.2	75.4





#31
Cyclohexane
Concen: 18.000 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

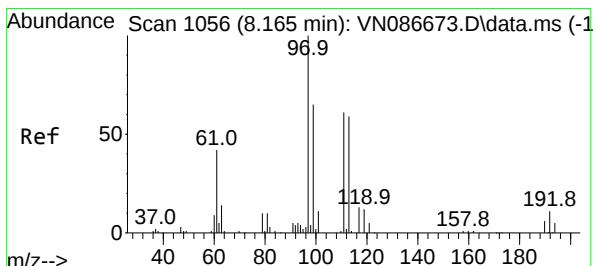
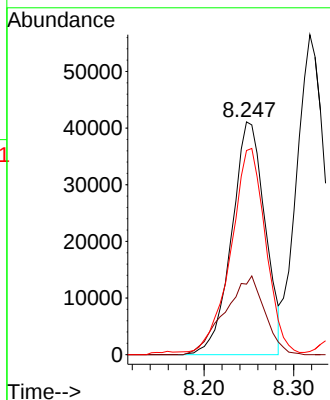
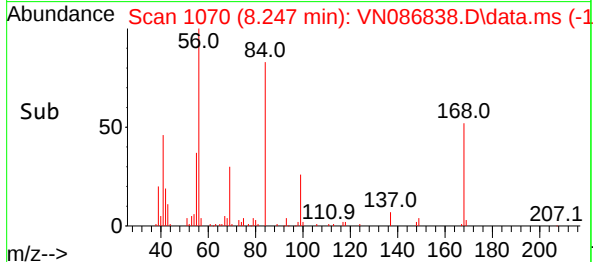
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 56 Resp: 106015
Ion Ratio Lower Upper
56 100
69 30.3 25.0 37.6
84 86.5 71.0 106.4

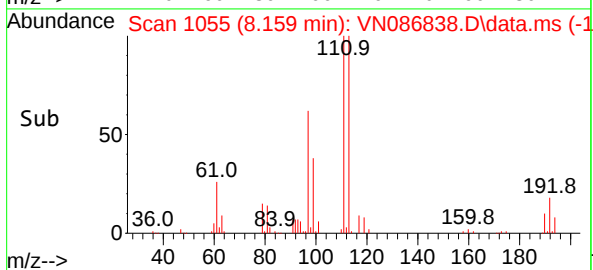
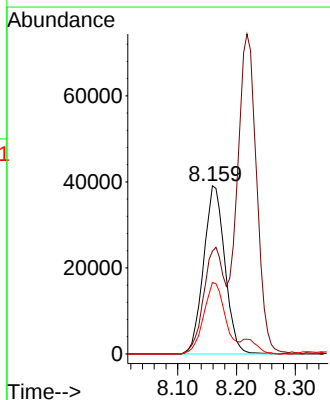
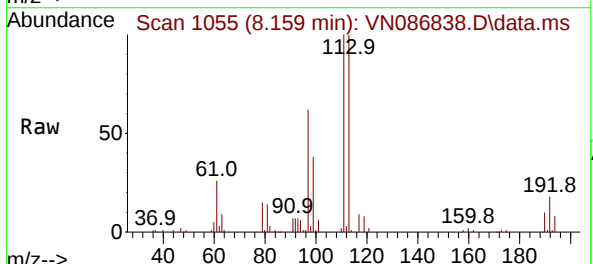
Manual Integrations
APPROVED

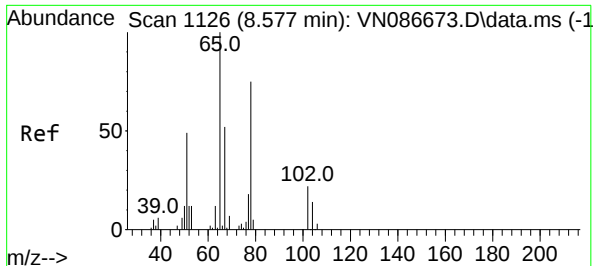
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#32
1,1,1-Trichloroethane
Concen: 18.354 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 97 Resp: 98360
Ion Ratio Lower Upper
97 100
99 60.5 52.6 79.0
61 43.7 37.7 56.5





#33
1,2-Dichloroethane-d4
Concen: 46.372 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

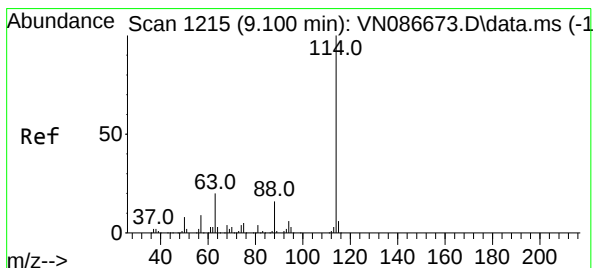
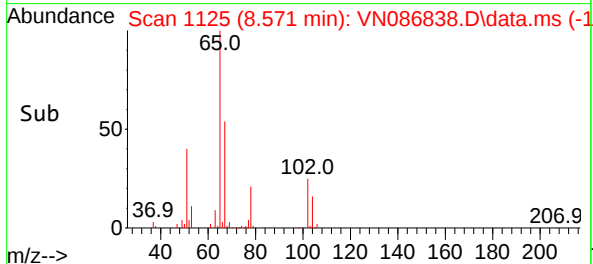
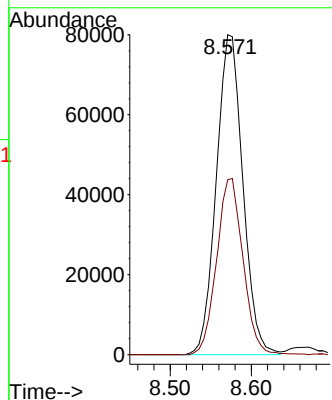
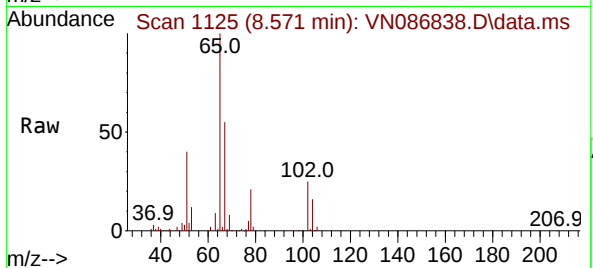
VN0603WBSD01

Tgt Ion: 65 Resp: 18197
Ion Ratio Lower Upper
65 100
67 54.7 0.0 106.4

Manual Integrations

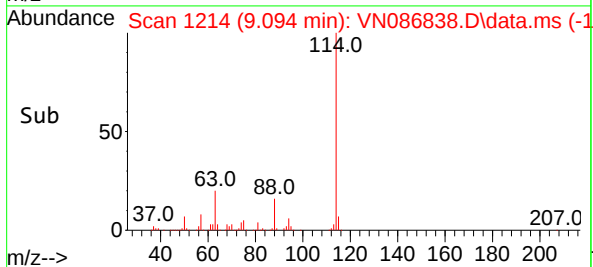
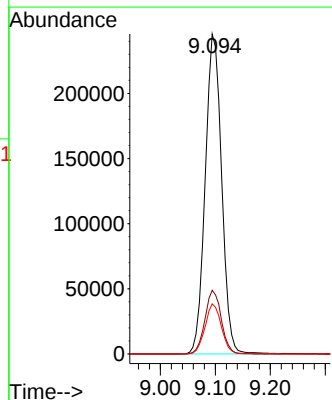
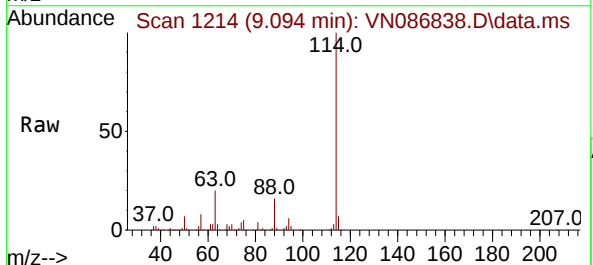
APPROVED

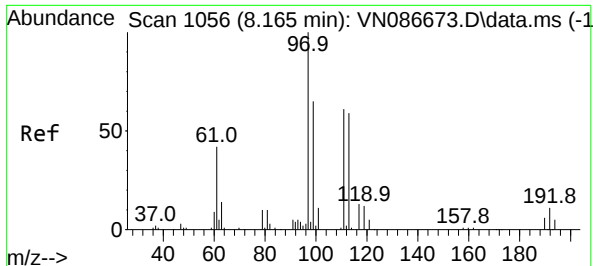
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion:114 Resp: 510275
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.982 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

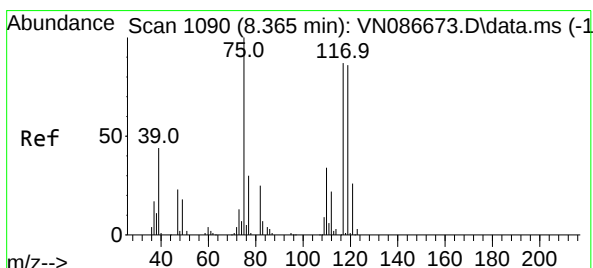
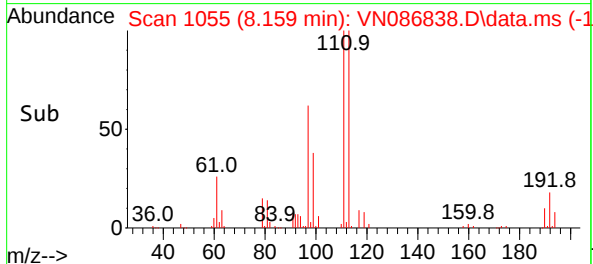
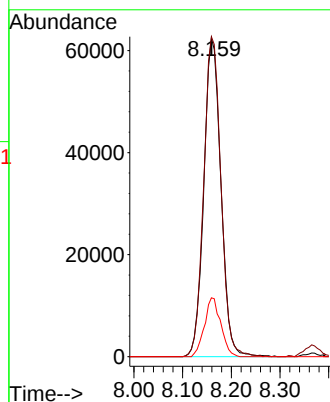
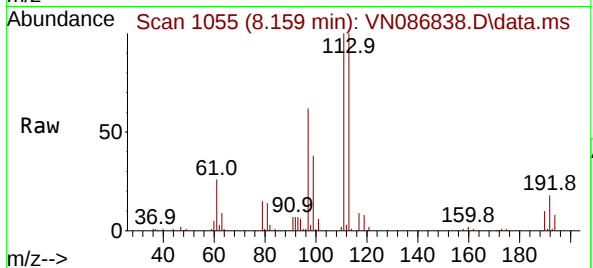
Tgt Ion:	113	Resp:	15189
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.2	123.2
192	17.7	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#36

1,1-Dichloropropene

Concen: 18.614 ug/l

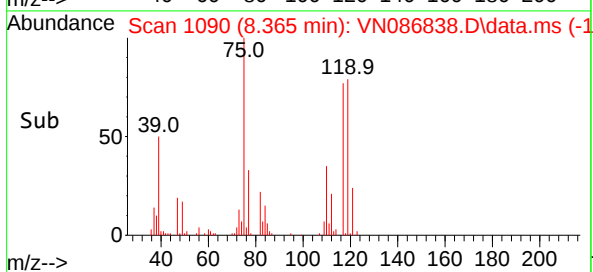
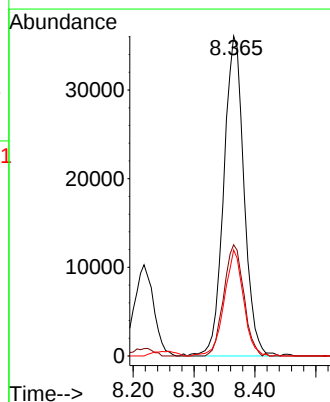
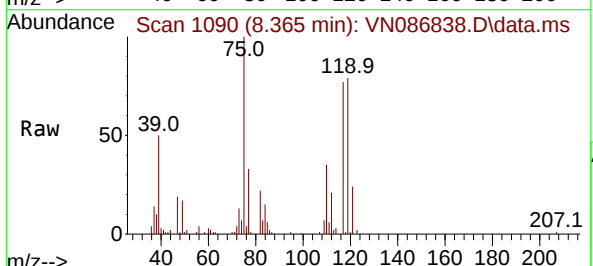
RT: 8.365 min Scan# 1090

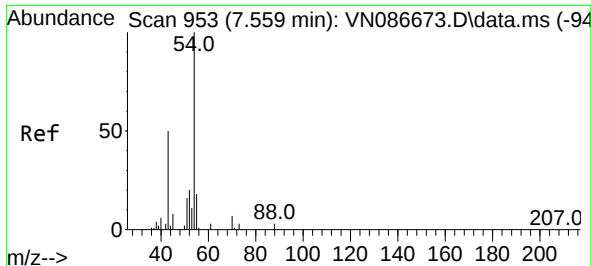
Delta R.T. -0.000 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Tgt Ion:	75	Resp:	83438
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.5	52.5
77	31.4	25.1	37.7





#37

Ethyl Acetate

Concen: 18.978 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tgt Ion: 43 Resp: 8593

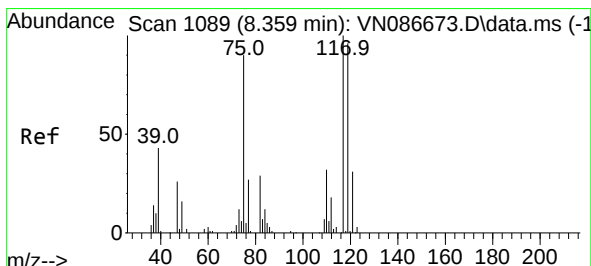
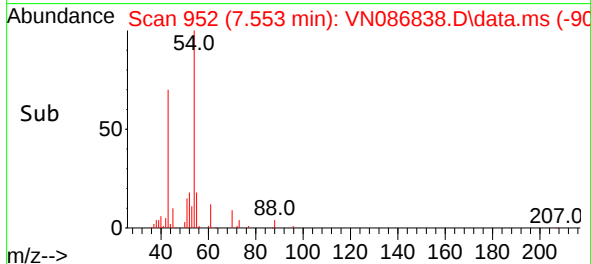
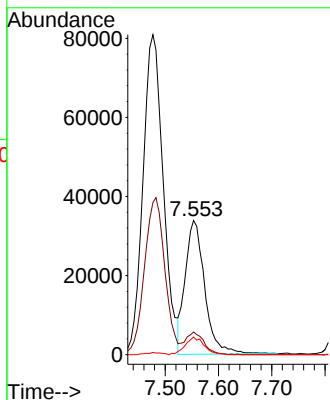
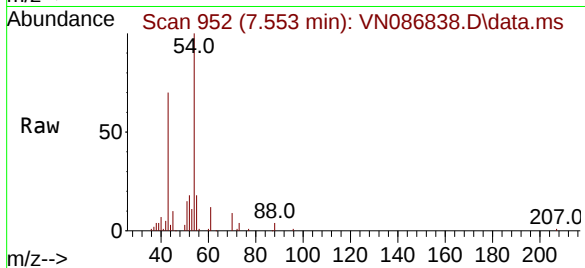
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.6	17.4
70	12.7	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#38

Carbon Tetrachloride

Concen: 18.537 ug/l

RT: 8.353 min Scan# 1088

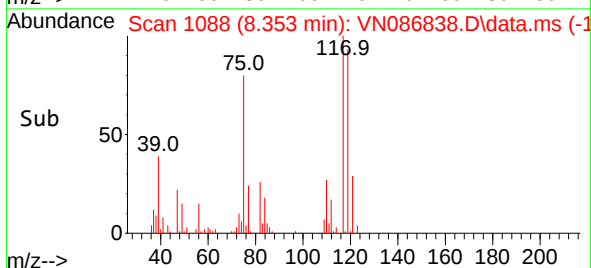
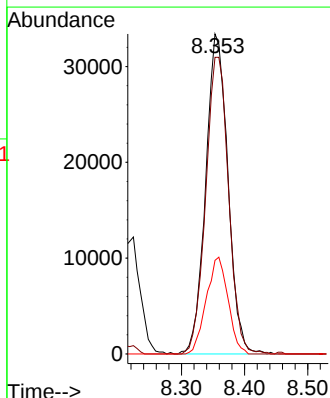
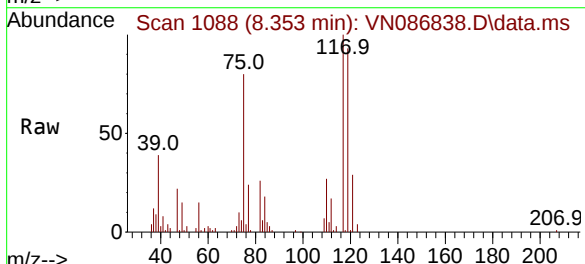
Delta R.T. -0.006 min

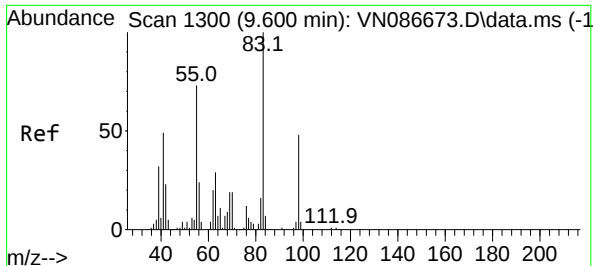
Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Tgt Ion:117 Resp: 81872

Ion	Ratio	Lower	Upper
117	100		
119	92.7	77.0	115.6
121	29.3	25.0	37.6





#39

Methylcyclohexane

Concen: 20.179 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

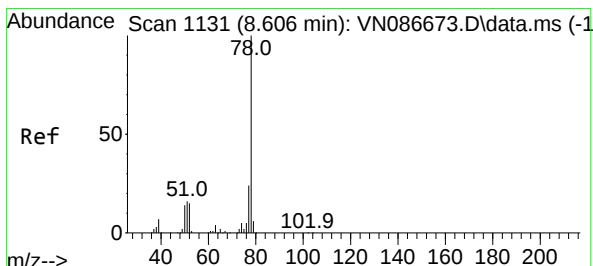
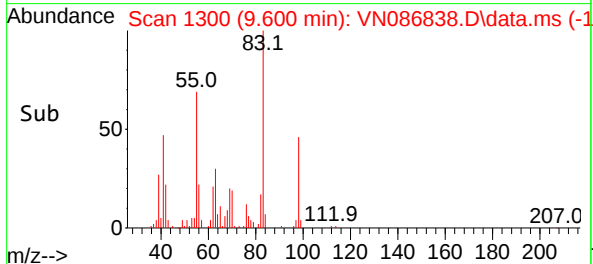
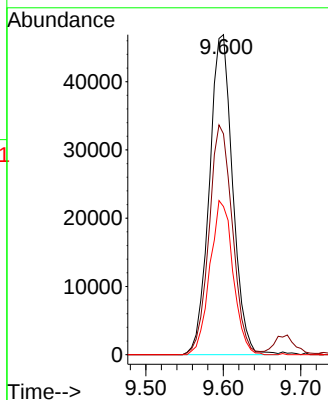
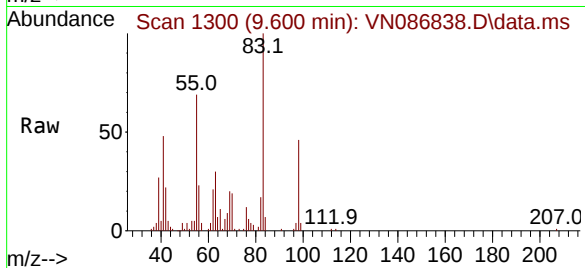
Tgt Ion:	83	Resp:	9789
Ion Ratio	Lower	Upper	
83	100		
55	69.0	58.2	87.4
98	46.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#40

Benzene

Concen: 18.783 ug/l

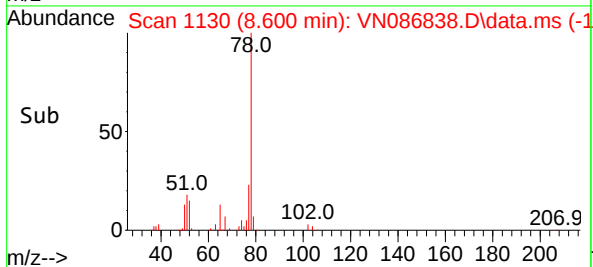
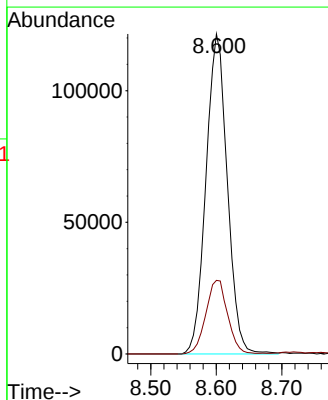
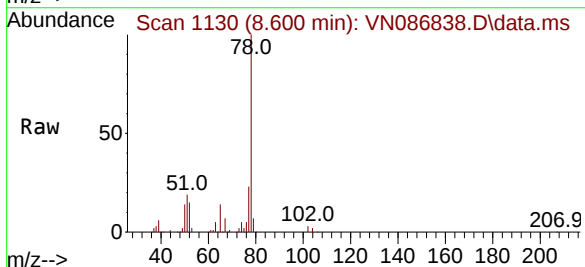
RT: 8.600 min Scan# 1130

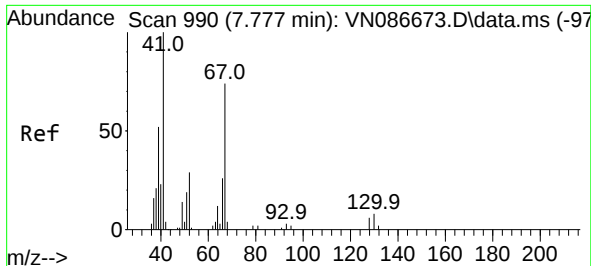
Delta R.T. -0.006 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

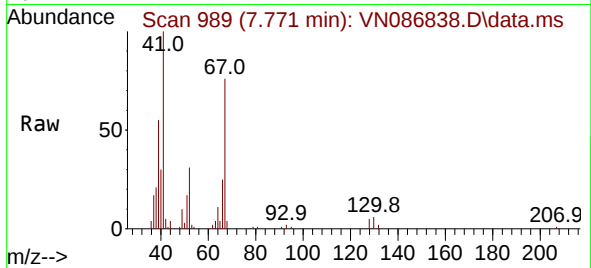
Tgt Ion:	78	Resp:	274657
Ion Ratio	Lower	Upper	
78	100		
77	23.0	19.1	28.7





#41
Methacrylonitrile
Concen: 20.045 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

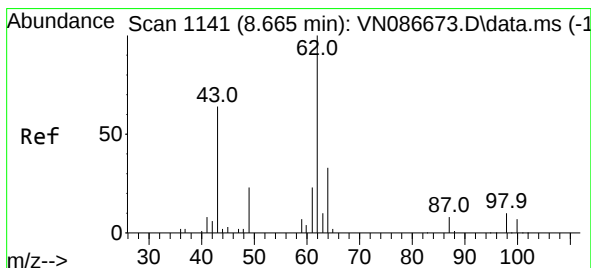
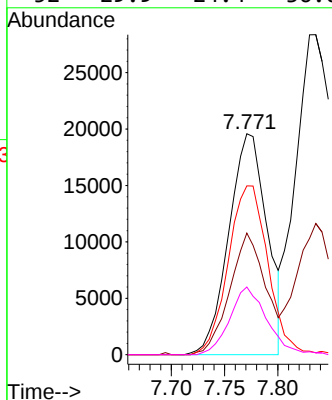
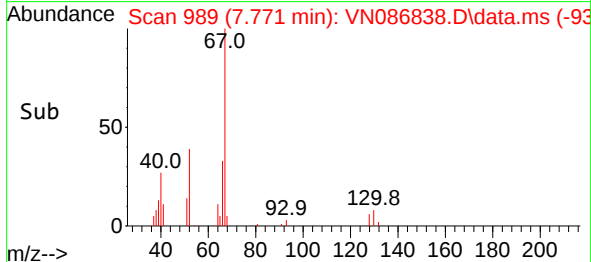
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 41 Resp: 49000
Ion Ratio Lower Upper
41 100
39 51.3 44.9 67.3
67 79.4 63.4 95.0
52 29.9 24.4 36.6

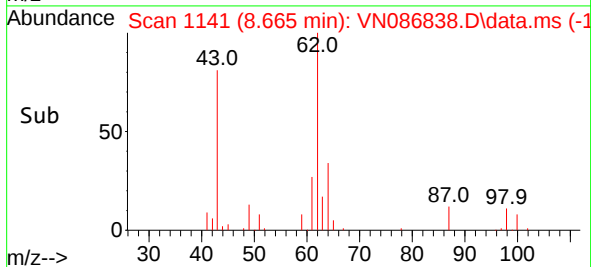
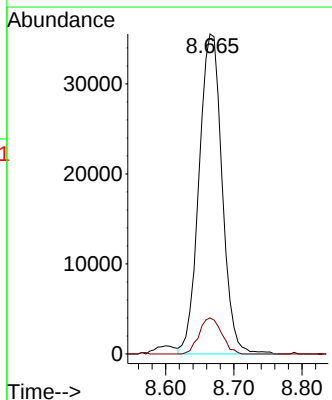
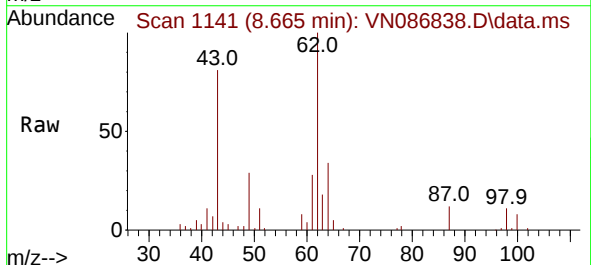
Manual Integrations
APPROVED

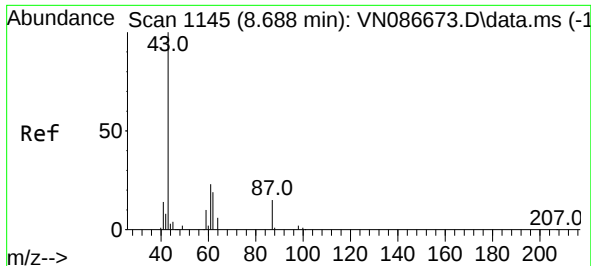
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#42
1,2-Dichloroethane
Concen: 18.346 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

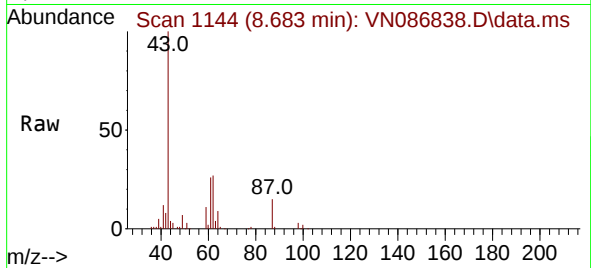
Tgt Ion: 62 Resp: 83577
Ion Ratio Lower Upper
62 100
98 11.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 16.635 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

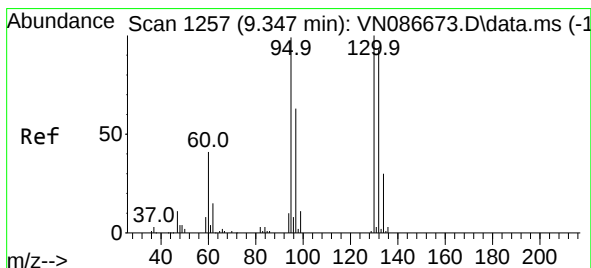
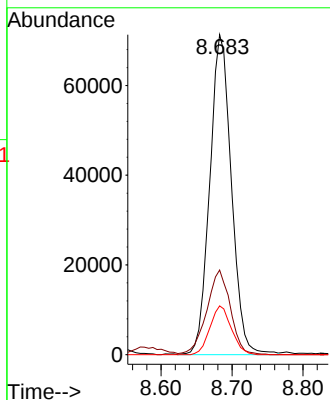
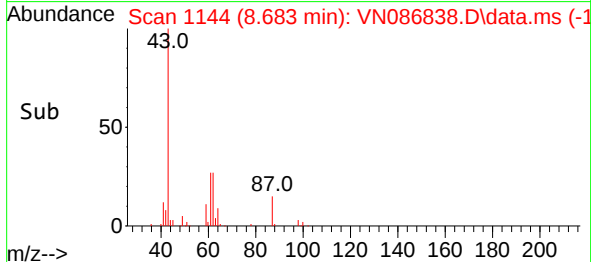
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 43 Resp: 15099
Ion Ratio Lower Upper
43 100
61 28.9 21.4 32.2
87 15.0 11.1 16.7

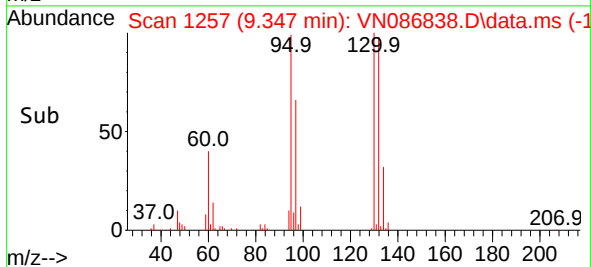
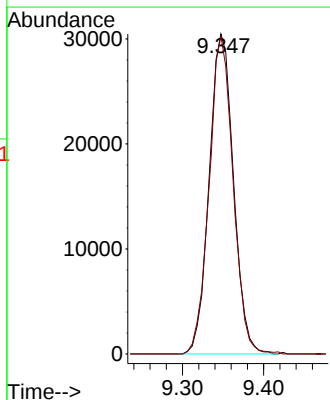
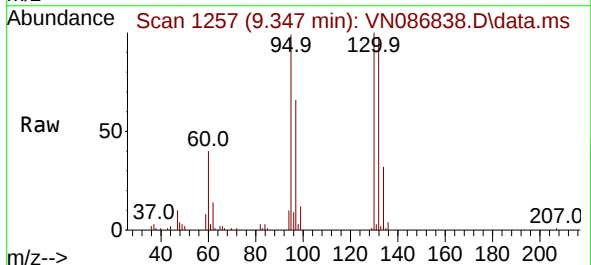
Manual Integrations
APPROVED

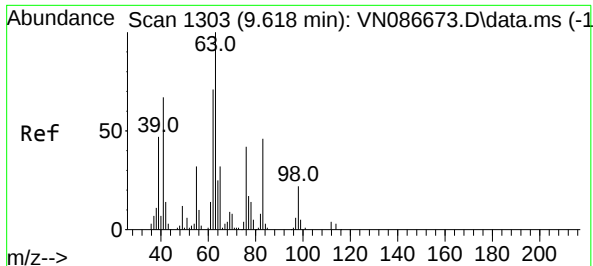
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#44
Trichloroethene
Concen: 17.936 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion:130 Resp: 63258
Ion Ratio Lower Upper
130 100
95 99.2 0.0 197.0





#45

1,2-Dichloropropane

Concen: 19.479 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tgt Ion: 63 Resp: 6766

Ion Ratio Lower Upper

63 100

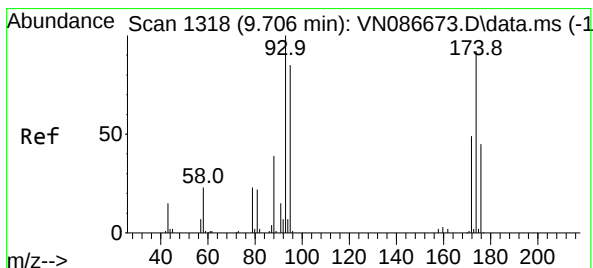
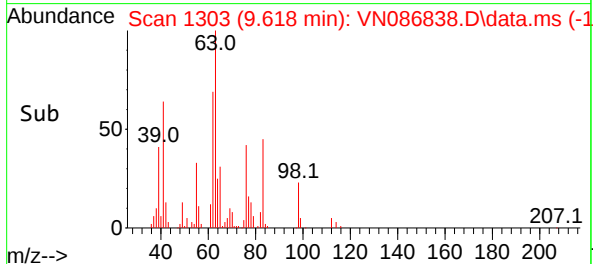
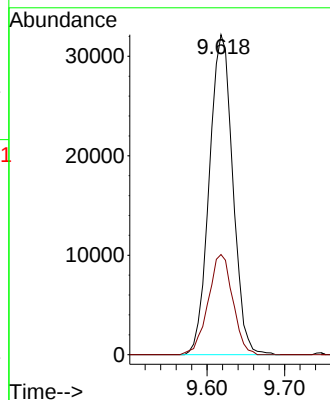
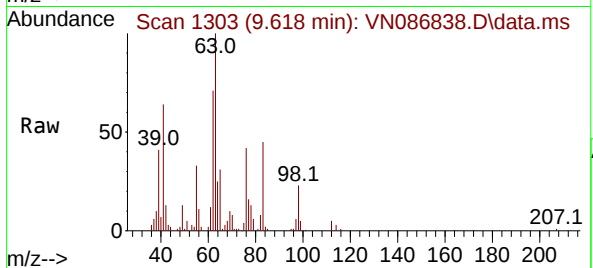
65 31.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#46

Dibromomethane

Concen: 19.026 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

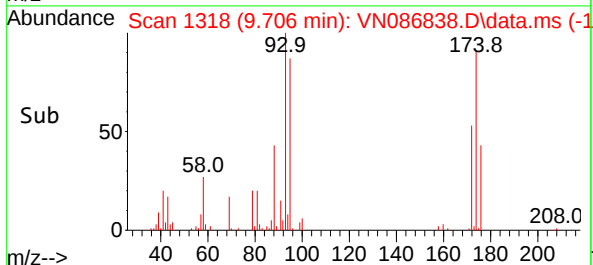
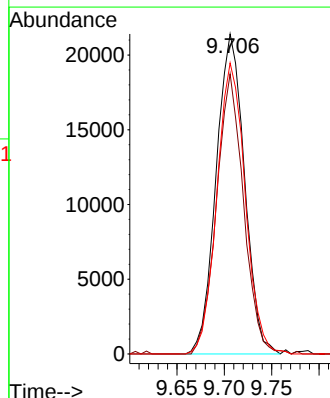
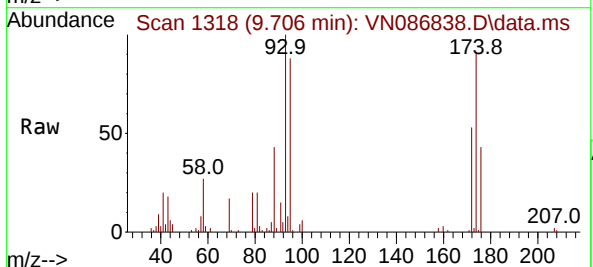
Tgt Ion: 93 Resp: 44596

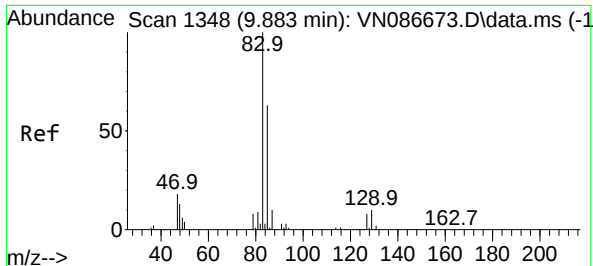
Ion Ratio Lower Upper

93 100

95 83.3 67.1 100.7

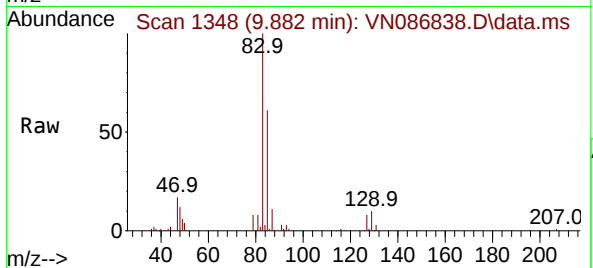
174 90.9 73.8 110.6





#47
Bromodichloromethane
Concen: 19.260 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

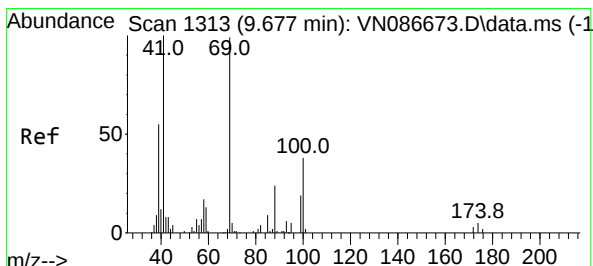
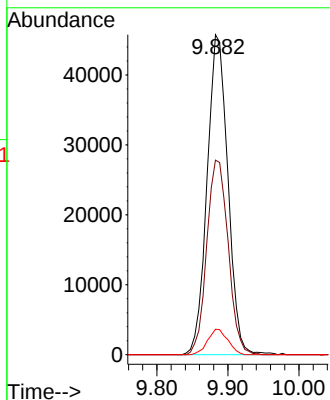
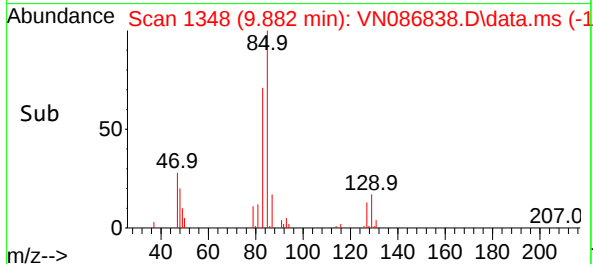
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



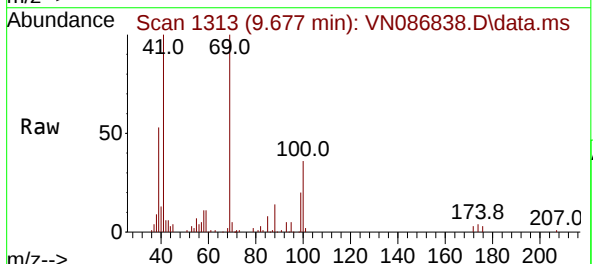
Tgt Ion: 83 Resp: 93015
Ion Ratio Lower Upper
83 100
85 60.8 50.1 75.1
127 7.9 6.2 9.4

Manual Integrations
APPROVED

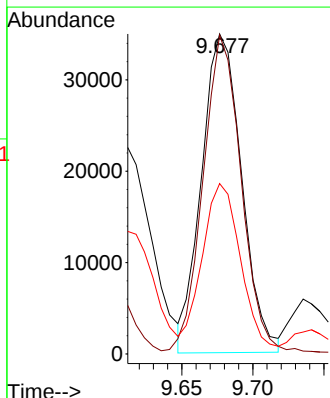
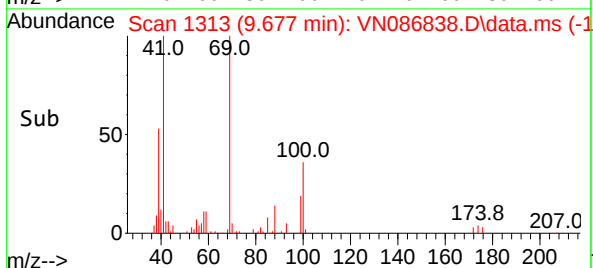
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

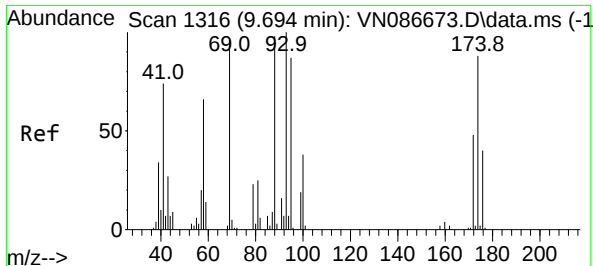


#48
Methyl methacrylate
Concen: 19.473 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



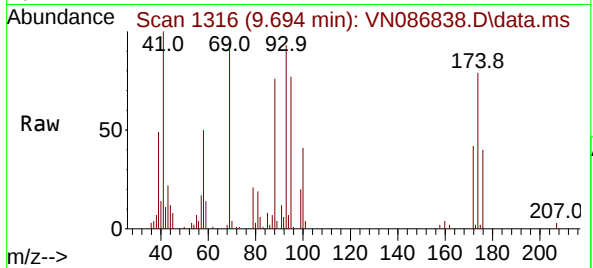
Tgt Ion: 41 Resp: 68495
Ion Ratio Lower Upper
41 100
69 95.0 74.1 111.1
39 52.5 44.1 66.1





#49
1,4-Dioxane
Concen: 362.952 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

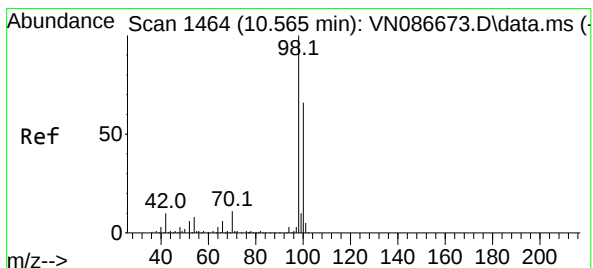
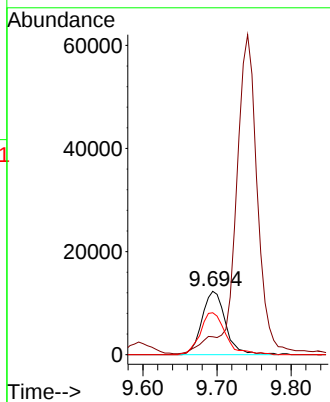
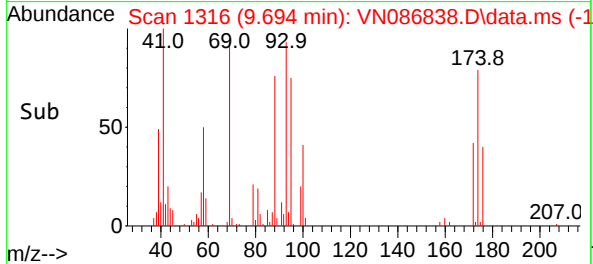
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 88 Resp: 2703
Ion Ratio Lower Upper
88 100
43 0.0 23.6 35.4
58 71.8 55.3 82.9

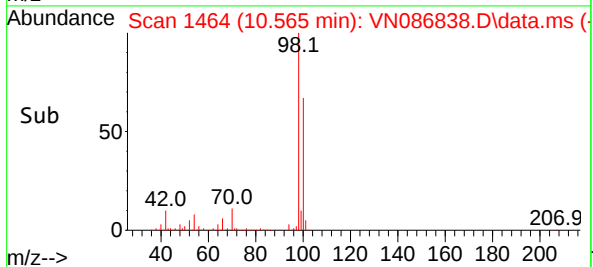
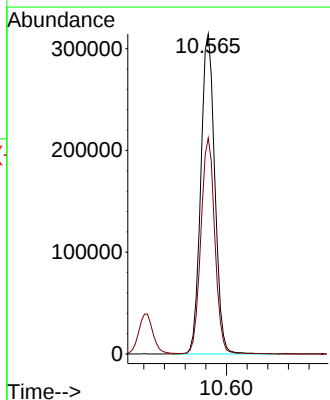
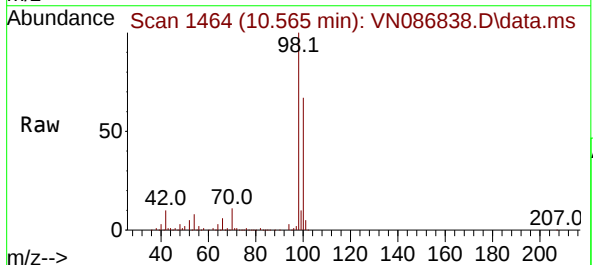
Manual Integrations
APPROVED

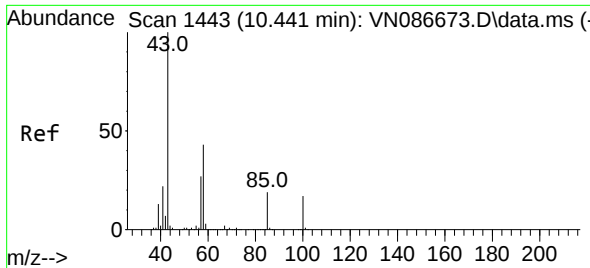
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#50
Toluene-d8
Concen: 46.961 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 98 Resp: 591397
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3





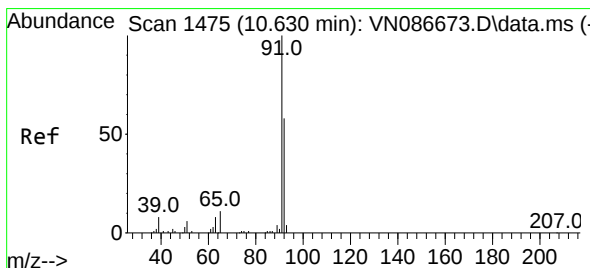
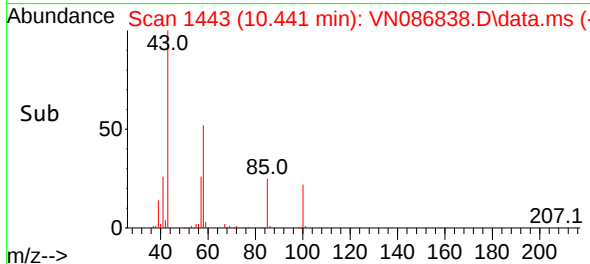
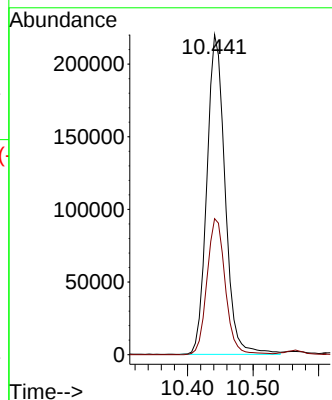
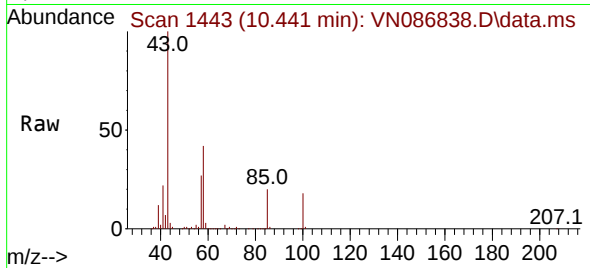
#51
4-Methyl-2-Pentanone
Concen: 92.930 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion: 43 Resp: 42539
Ion Ratio Lower Upper
43 100
58 42.9 33.9 50.9

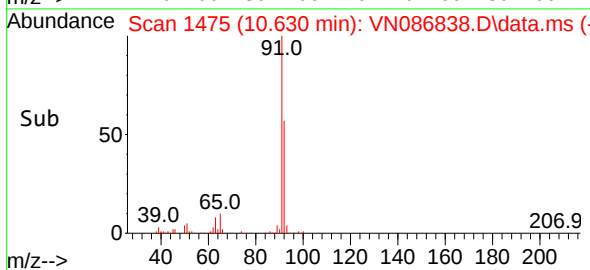
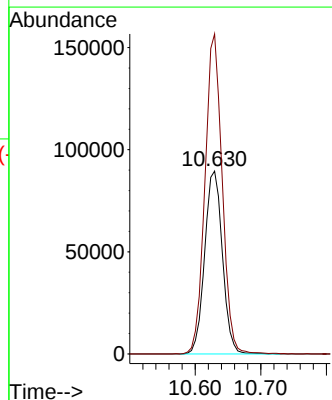
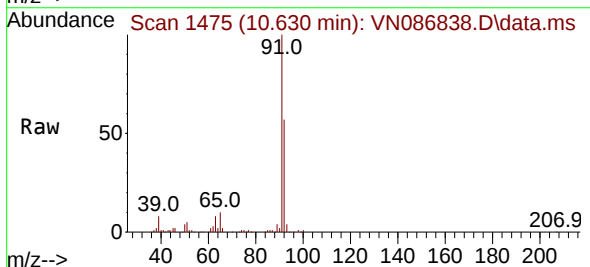
Manual Integrations
APPROVED

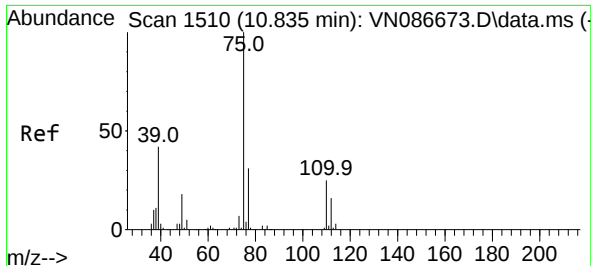
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#52
Toluene
Concen: 18.546 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 92 Resp: 168549
Ion Ratio Lower Upper
92 100
91 170.2 137.8 206.8





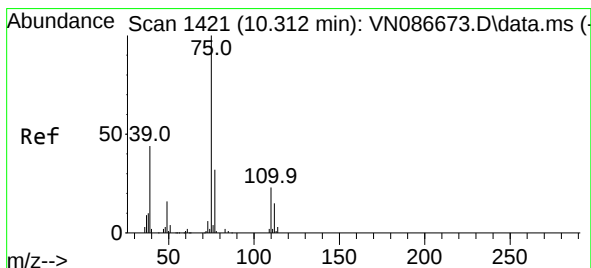
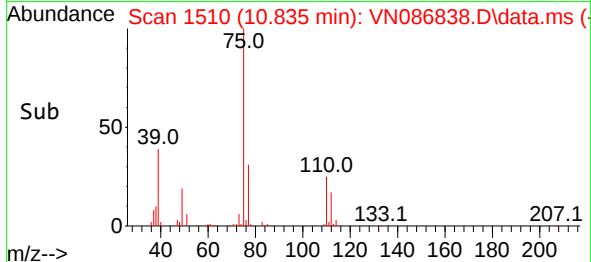
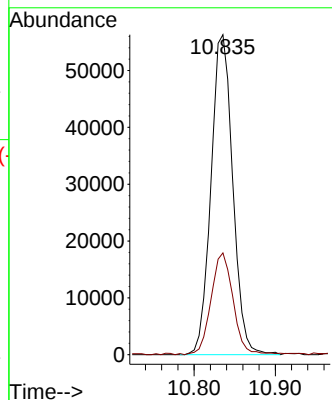
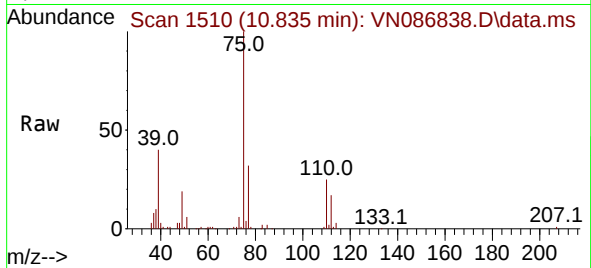
#53
t-1,3-Dichloropropene
Concen: 20.502 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion: 75 Resp: 104834
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

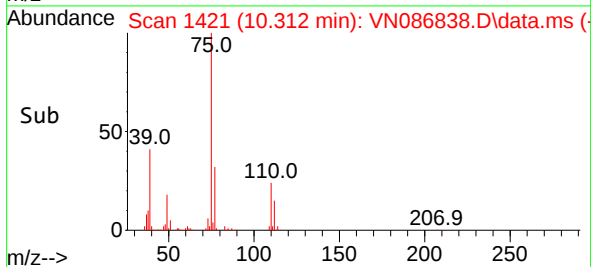
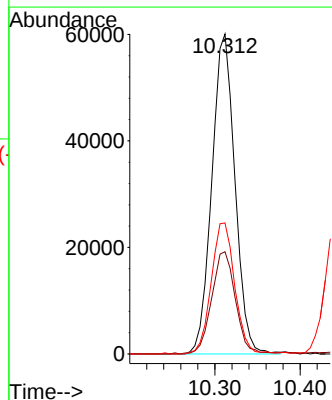
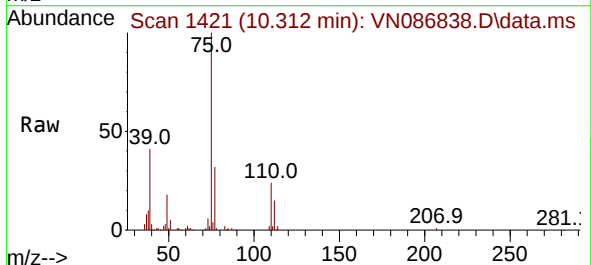
Manual Integrations
APPROVED

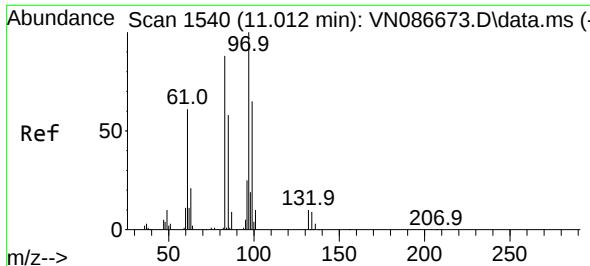
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#54
cis-1,3-Dichloropropene
Concen: 20.258 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

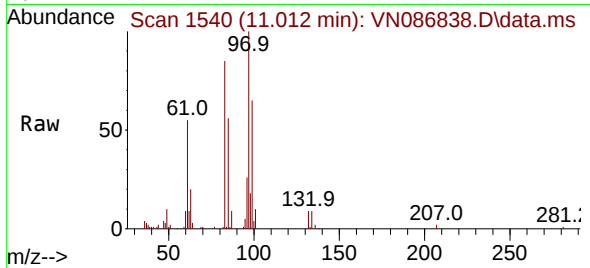
Tgt Ion: 75 Resp: 113076
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 41.0 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 18.775 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

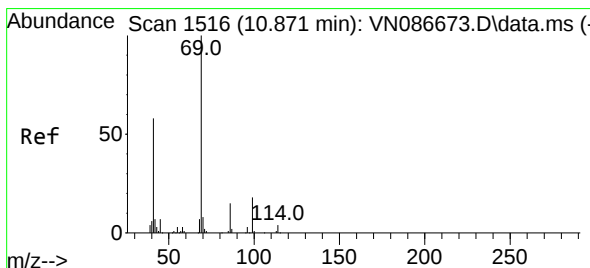
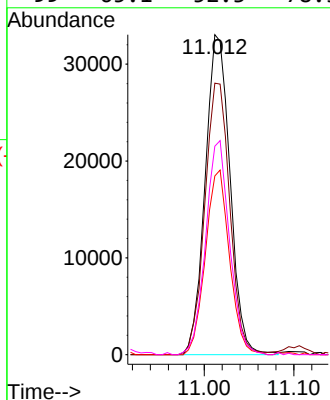
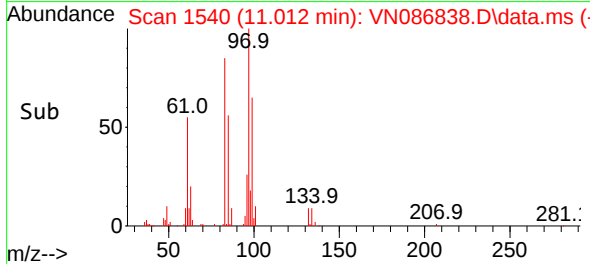
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 97 Resp: 6365
Ion Ratio Lower Upper
97 100
83 84.9 70.4 105.6
85 55.8 46.1 69.1
99 65.1 52.3 78.5

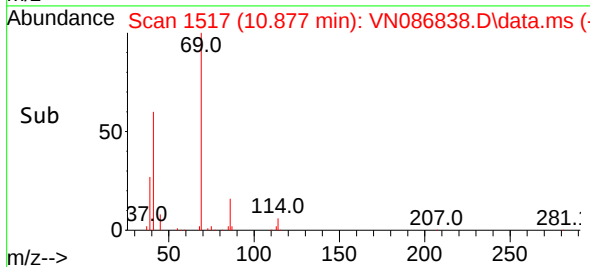
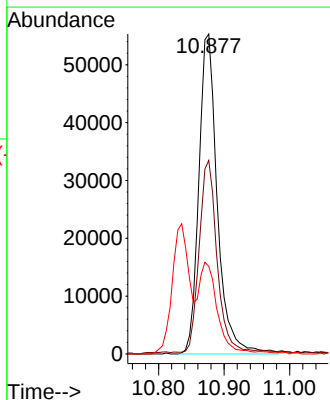
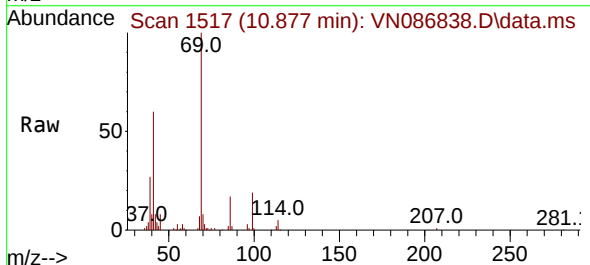
Manual Integrations
APPROVED

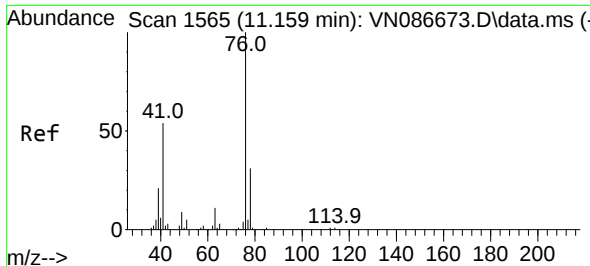
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#56
Ethyl methacrylate
Concen: 20.011 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 69 Resp: 108927
Ion Ratio Lower Upper
69 100
41 59.0 47.4 71.0
39 27.9 24.0 36.0





#57

1,3-Dichloropropane

Concen: 19.216 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tgt Ion: 76 Resp: 112229

Ion Ratio Lower Upper

76 100

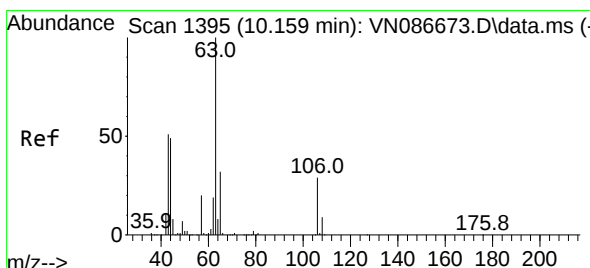
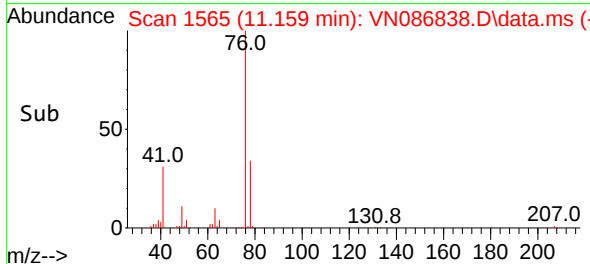
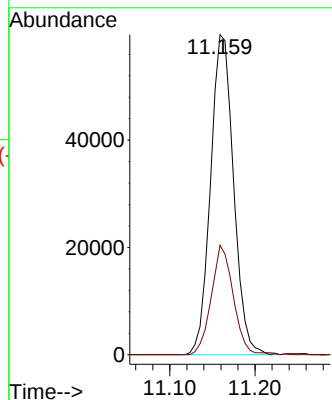
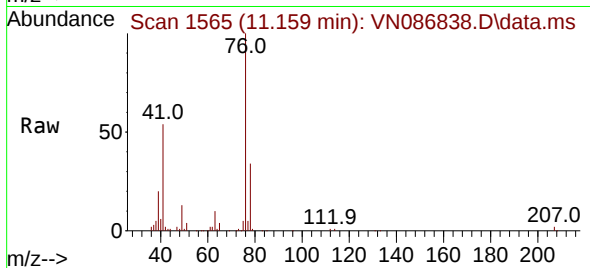
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 114.636 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086838.D

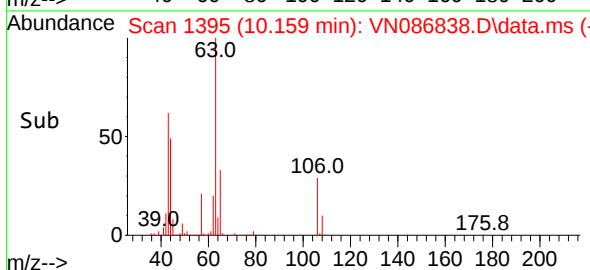
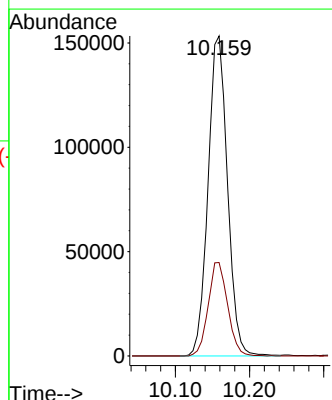
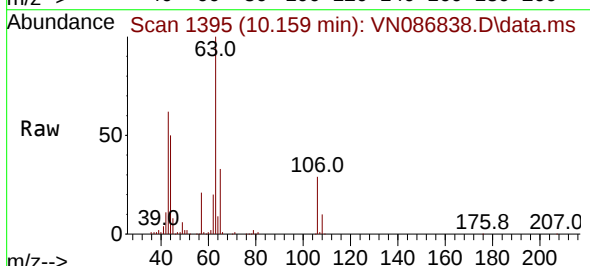
Acq: 03 Jun 2025 13:20

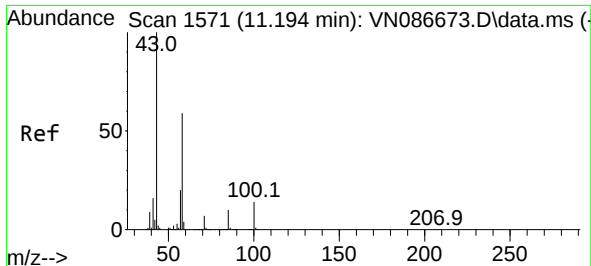
Tgt Ion: 63 Resp: 278884

Ion Ratio Lower Upper

63 100

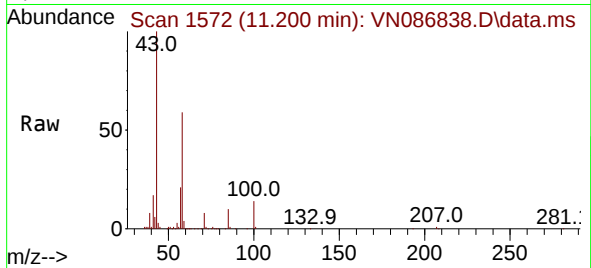
106 29.3 23.1 34.7





#59
2-Hexanone
Concen: 81.032 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

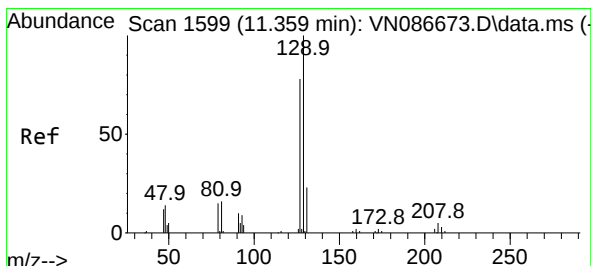
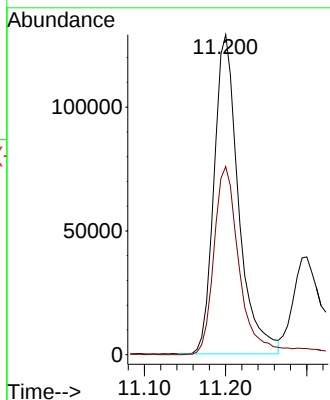
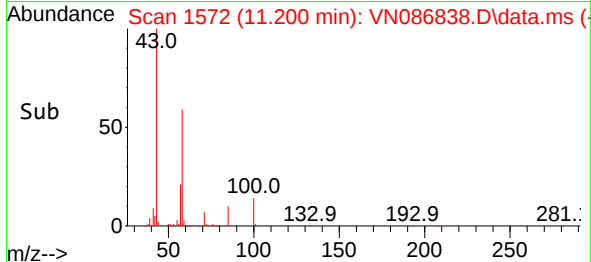
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 43 Resp: 27087
Ion Ratio Lower Upper
43 100
58 61.0 29.8 89.5

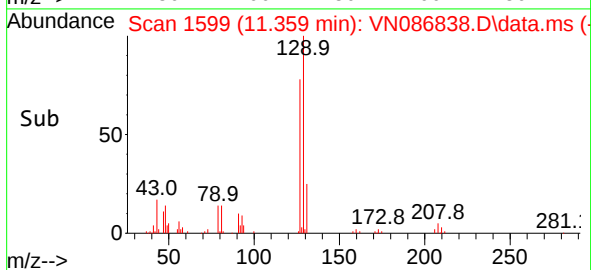
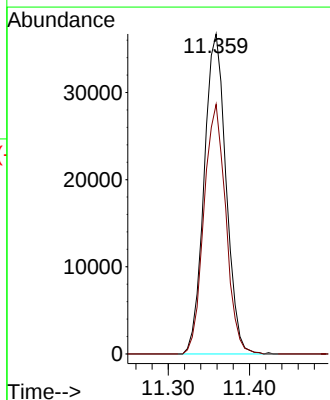
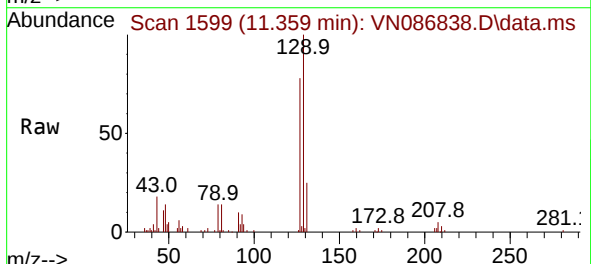
Manual Integrations
APPROVED

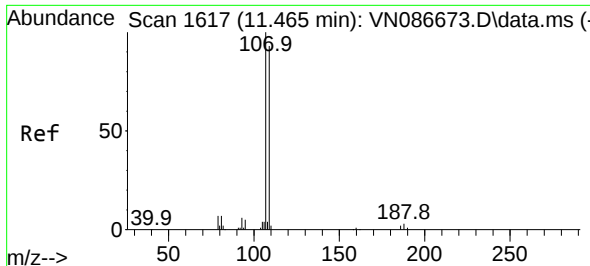
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#60
Dibromochloromethane
Concen: 19.342 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

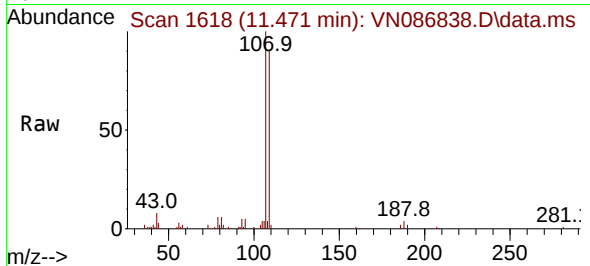
Tgt Ion:129 Resp: 68721
Ion Ratio Lower Upper
129 100
127 77.8 39.5 118.3





#61
1,2-Dibromoethane
Concen: 18.852 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

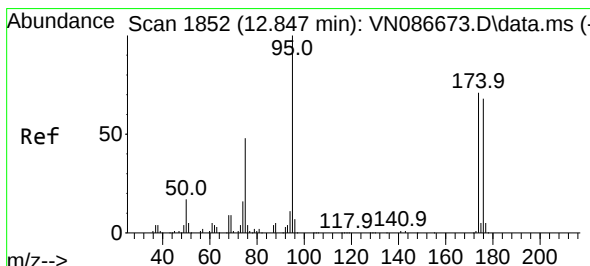
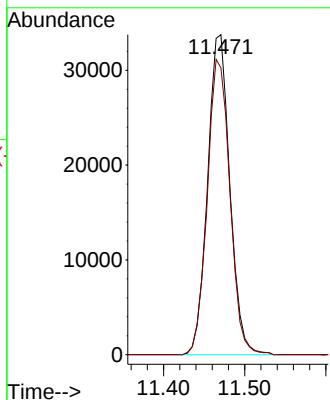
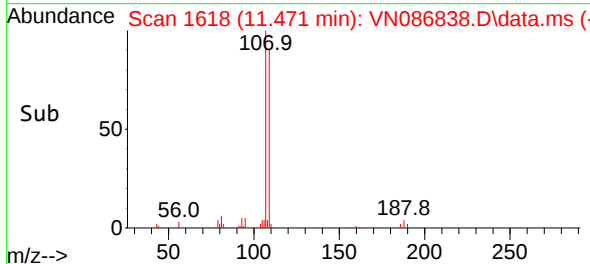
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



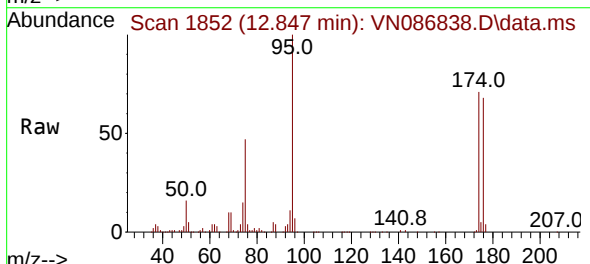
Tgt Ion:107 Resp: 64220
Ion Ratio Lower Upper
107 100
109 93.9 75.0 112.4

Manual Integrations
APPROVED

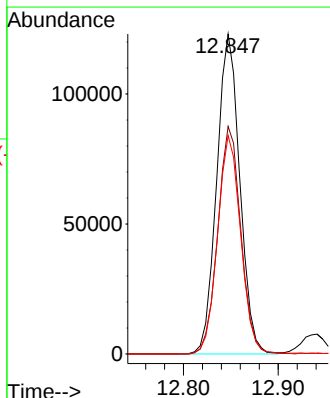
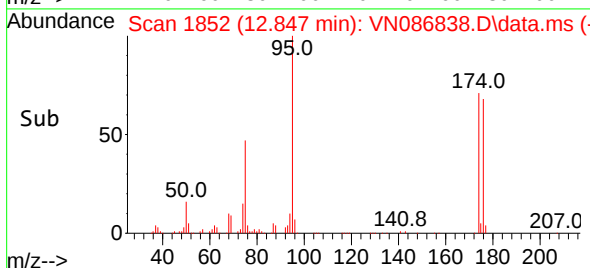
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

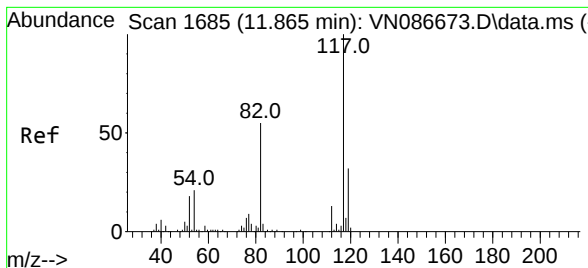


#62
4-Bromofluorobenzene
Concen: 46.851 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



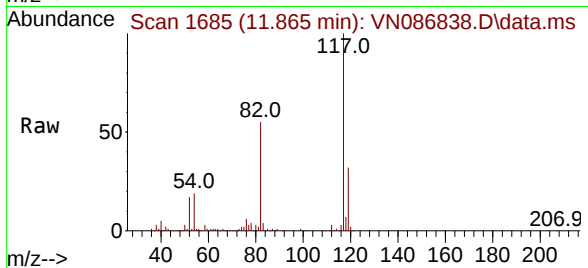
Tgt Ion: 95 Resp: 208331
Ion Ratio Lower Upper
95 100
174 70.9 0.0 145.4
176 68.4 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

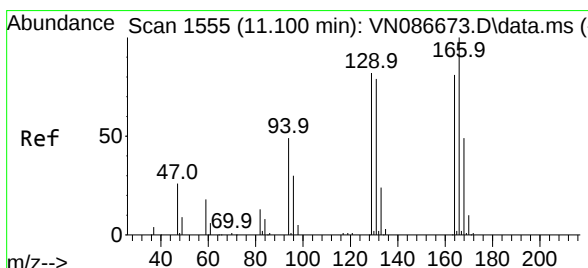
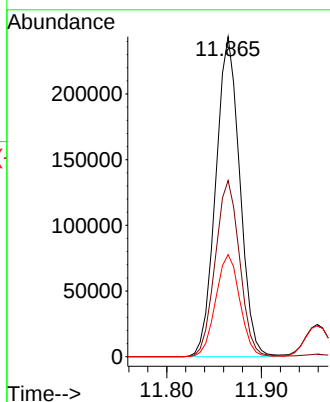
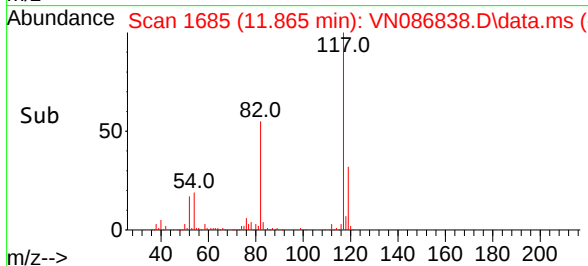
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion:117 Resp: 43055
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 31.9 25.4 38.2

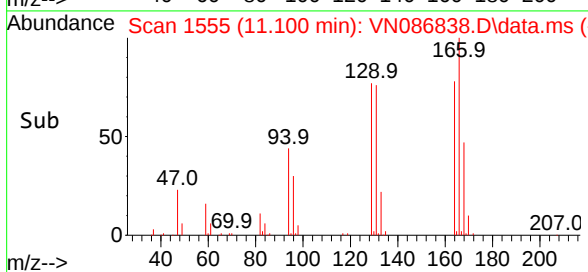
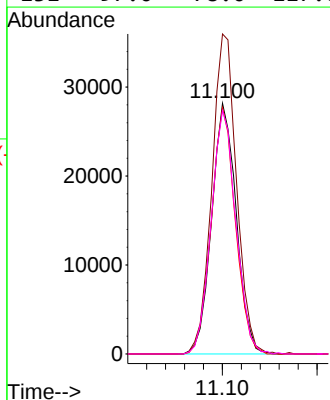
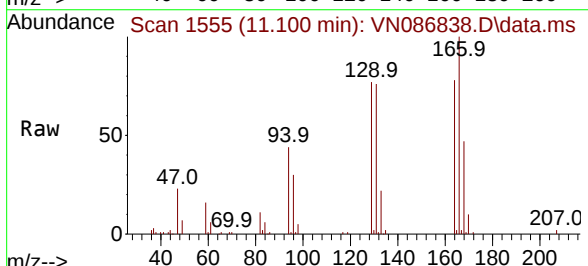
Manual Integrations
APPROVED

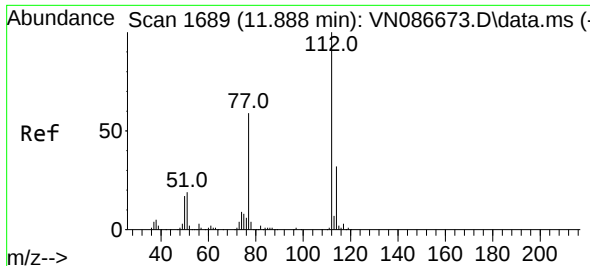
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#64
Tetrachloroethene
Concen: 15.355 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

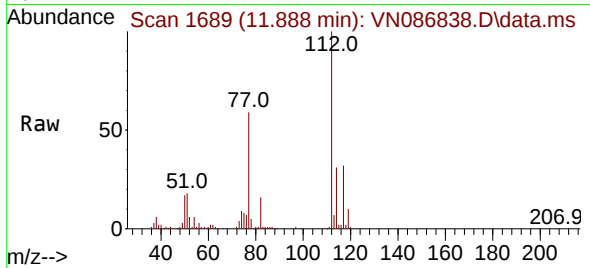
Tgt Ion:164 Resp: 50645
Ion Ratio Lower Upper
164 100
166 127.6 98.2 147.4
129 98.2 81.0 121.4
131 97.0 78.0 117.0





#65
Chlorobenzene
Concen: 19.353 ug/l
RT: 11.888 min Scan# 11888
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

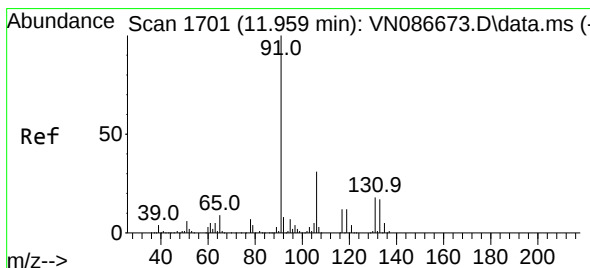
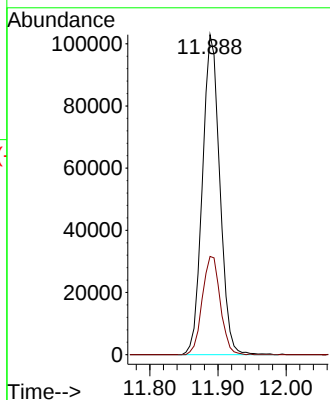
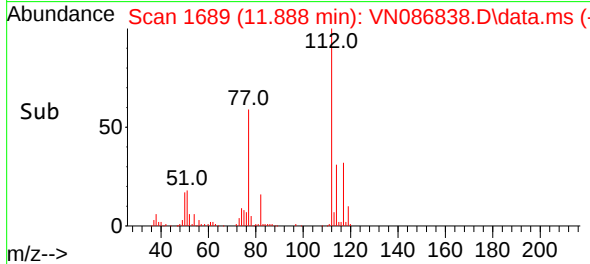
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion:112 Resp: 182720
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9

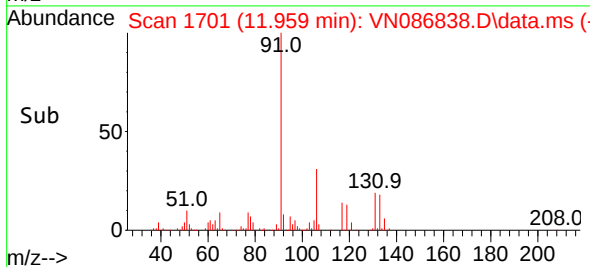
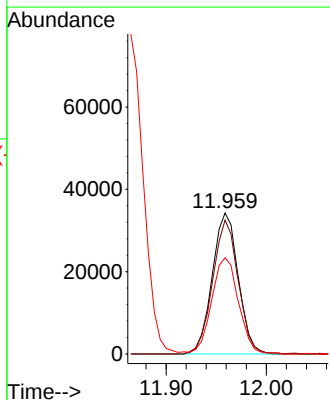
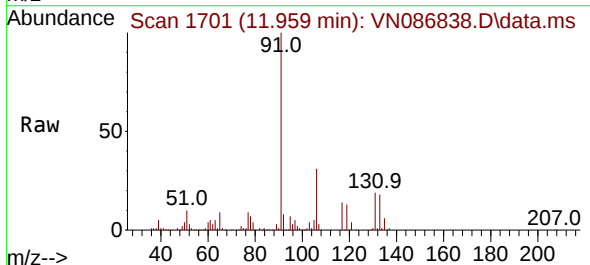
Manual Integrations
APPROVED

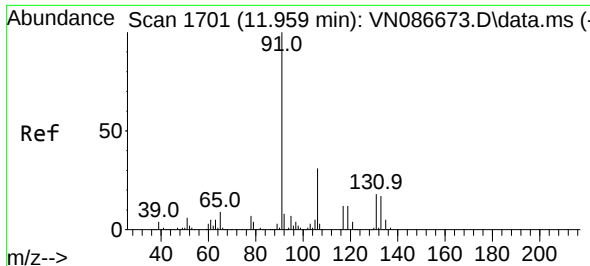
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.148 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion:131 Resp: 61410
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 70.4 33.6 100.8





#67

Ethyl Benzene

Concen: 19.375 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tgt Ion: 91 Resp: 313319

Ion Ratio Lower Upper

91 100

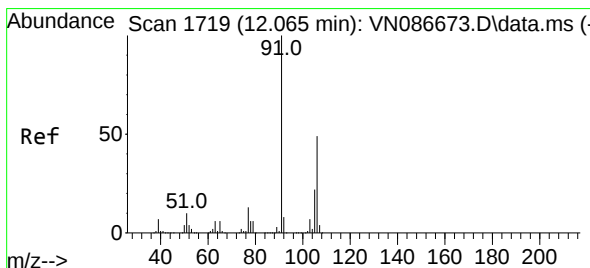
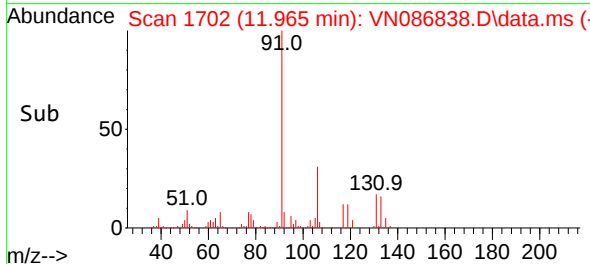
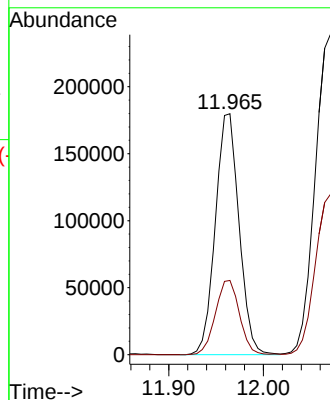
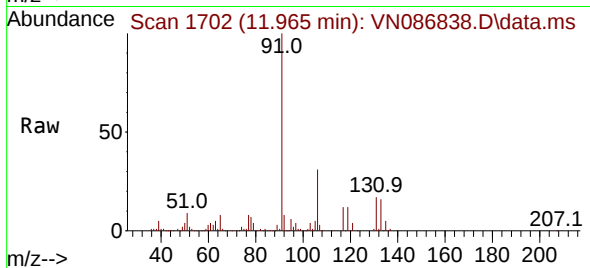
106 30.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#68

m/p-Xylenes

Concen: 39.052 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN086838.D

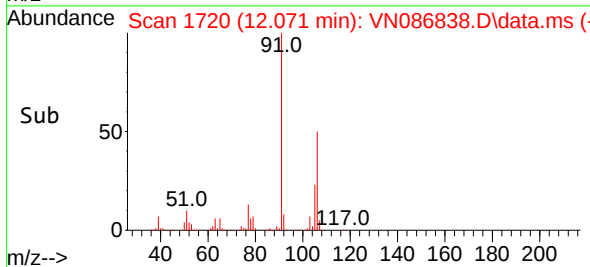
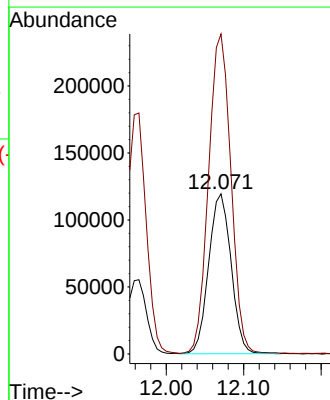
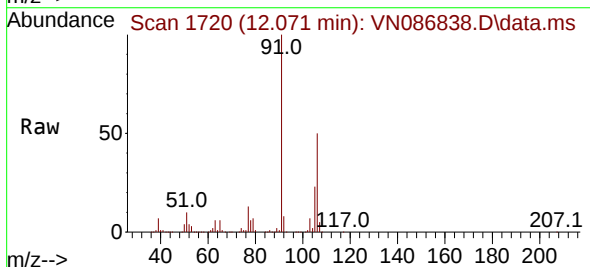
Acq: 03 Jun 2025 13:20

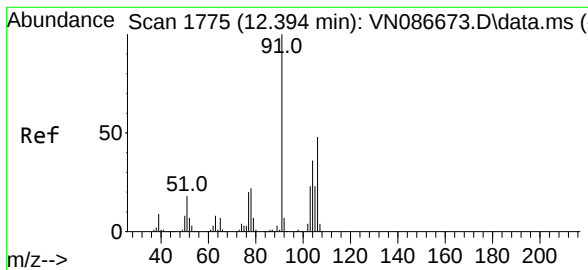
Tgt Ion:106 Resp: 239195

Ion Ratio Lower Upper

106 100

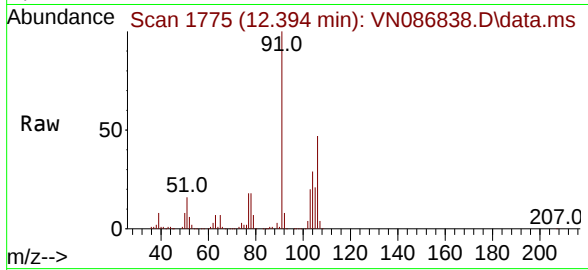
91 200.1 162.4 243.6





#69
o-Xylene
Concen: 19.319 ug/l
RT: 12.394 min Scan# 11764
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

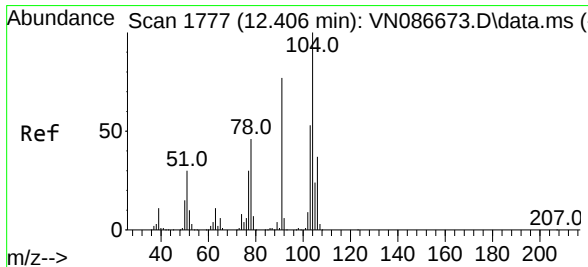
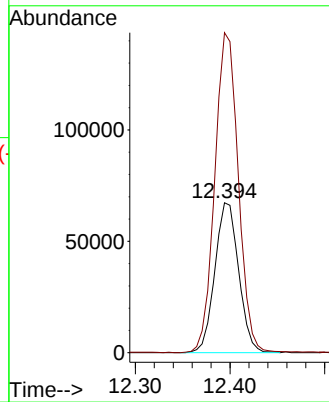
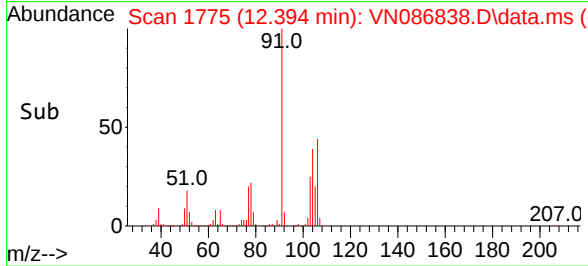
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion:106 Resp: 11764
Ion Ratio Lower Upper
106 100
91 212.2 105.1 315.1

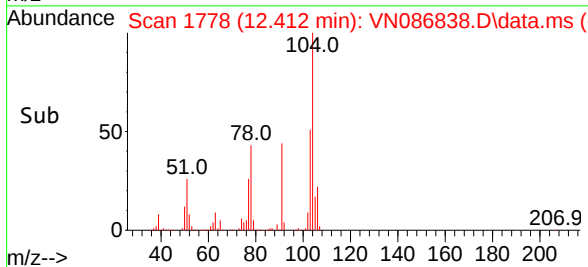
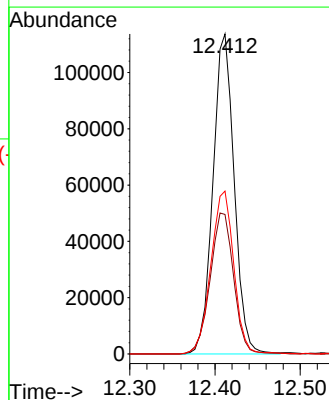
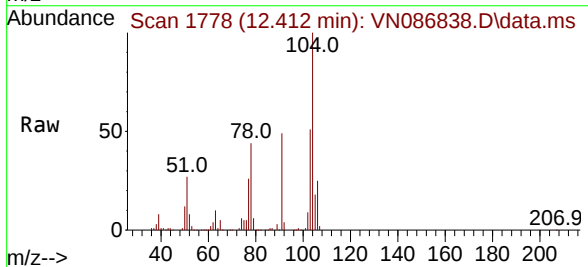
Manual Integrations
APPROVED

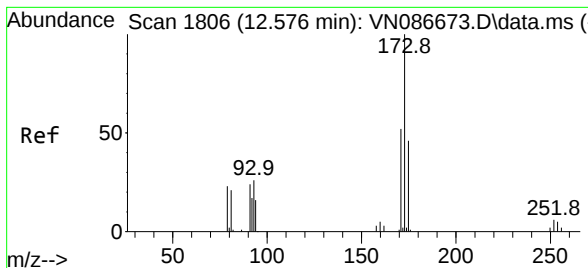
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#70
Styrene
Concen: 19.757 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

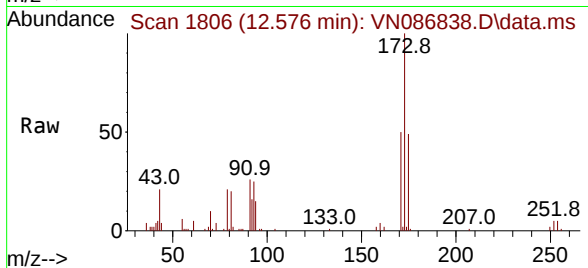
Tgt Ion:104 Resp: 196969
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 55.0 43.8 65.8





#71
Bromoform
Concen: 20.451 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

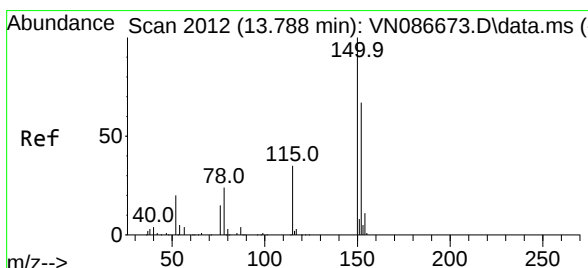
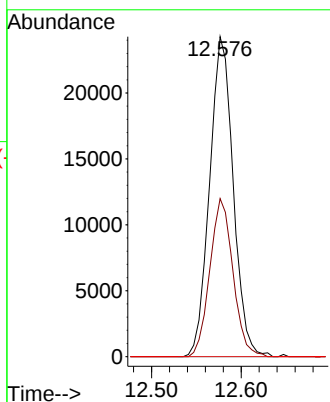
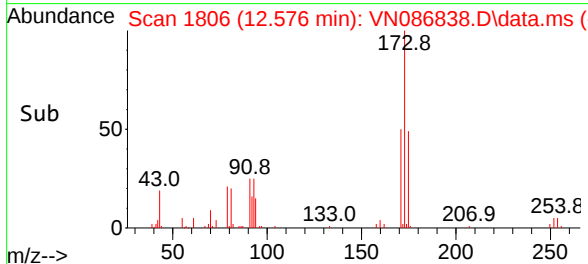
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



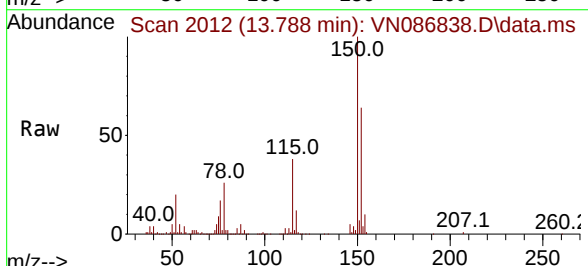
Tgt Ion:173 Resp: 44330
Ion Ratio Lower Upper
173 100
175 48.3 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

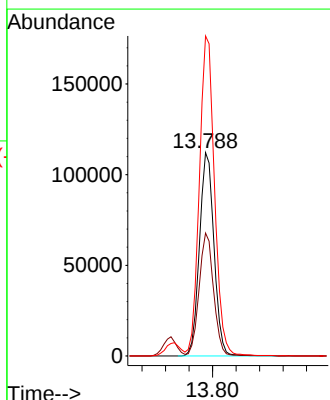
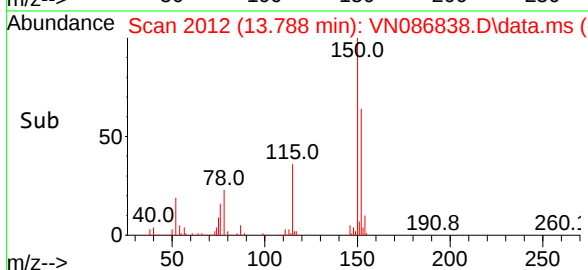
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

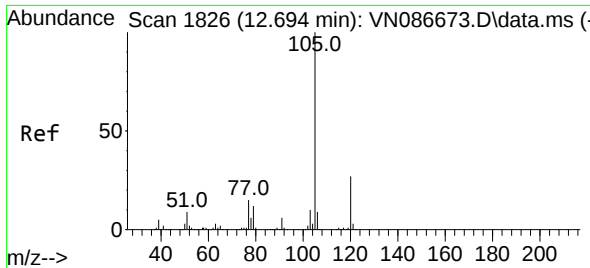


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



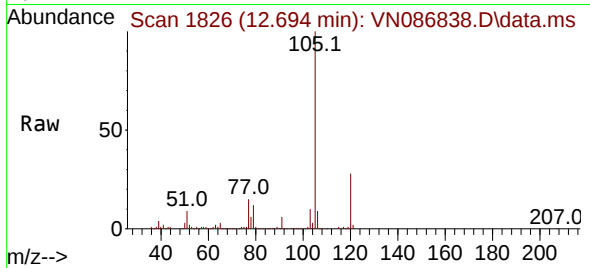
Tgt Ion:152 Resp: 192303
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 163.2 0.0 347.8





#73
Isopropylbenzene
Concen: 19.325 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

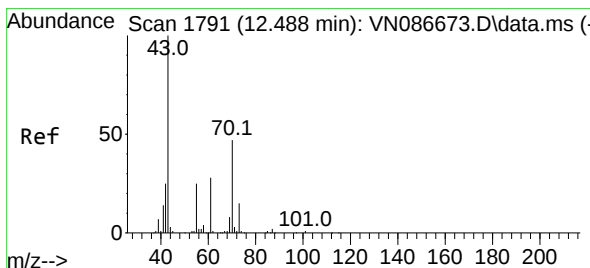
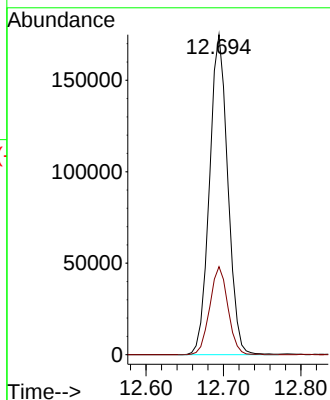
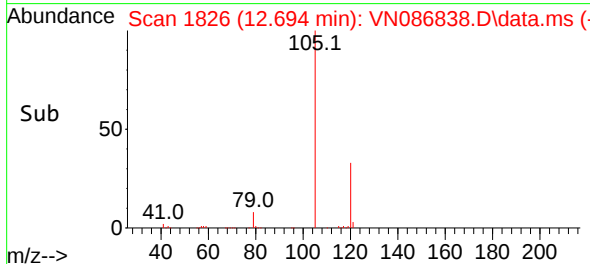
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion:105 Resp: 287020
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1

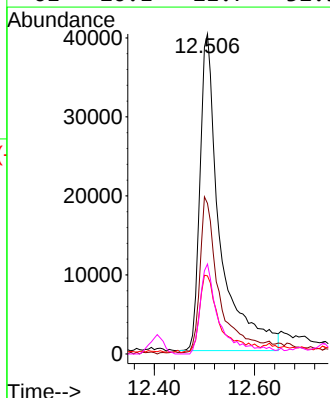
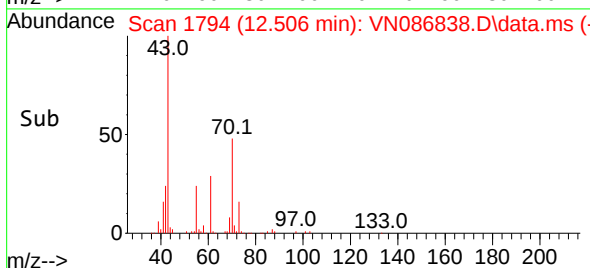
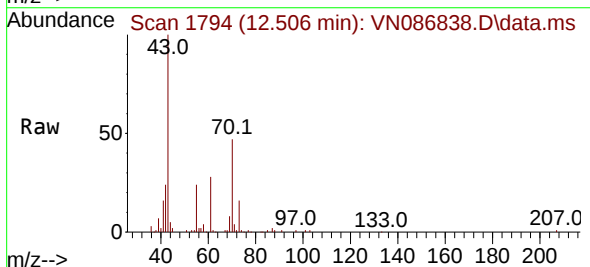
Manual Integrations
APPROVED

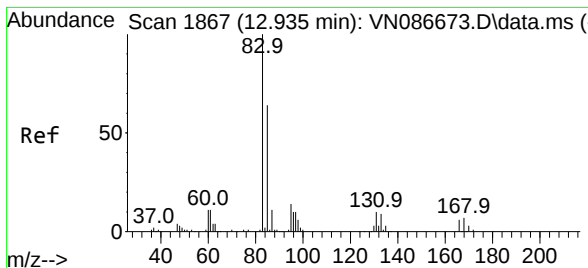
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#74
N-ethyl acetate
Concen: 18.053 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.018 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

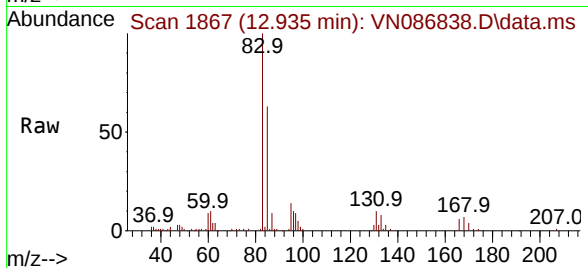
Tgt Ion: 43 Resp: 112027
Ion Ratio Lower Upper
43 100
70 46.5 37.9 56.9
55 25.0 20.5 30.7
61 26.1 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.398 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

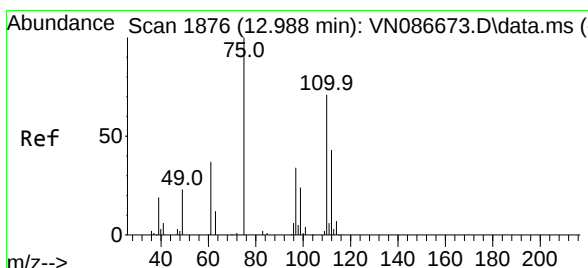
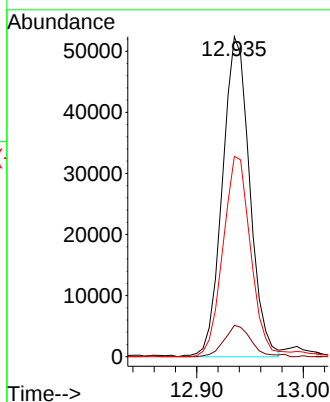
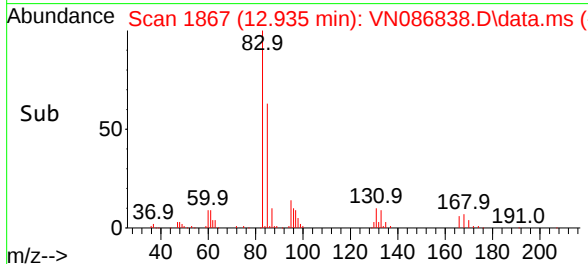
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



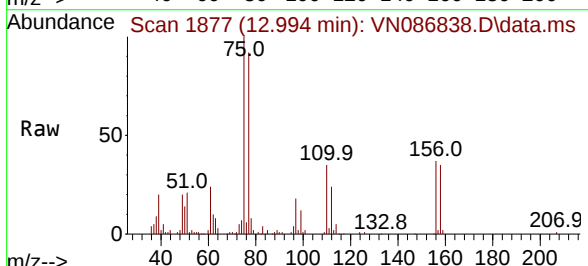
Tgt Ion: 83 Resp: 93075
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 65.1 32.4 97.2

Manual Integrations
APPROVED

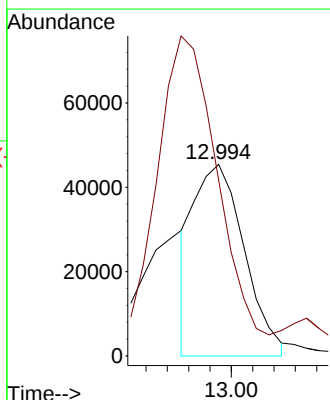
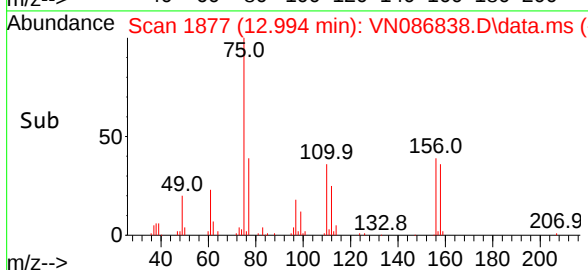
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

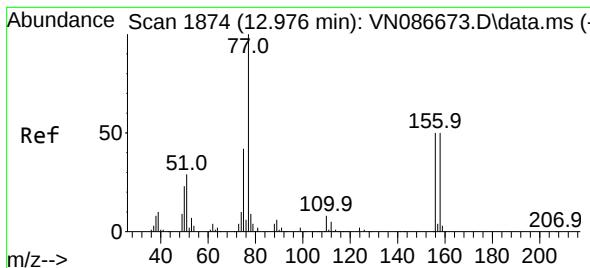


#76
1,2,3-Trichloropropane
Concen: 17.237 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



Tgt Ion: 75 Resp: 74966
Ion Ratio Lower Upper
75 100
77 205.8 96.0 288.1





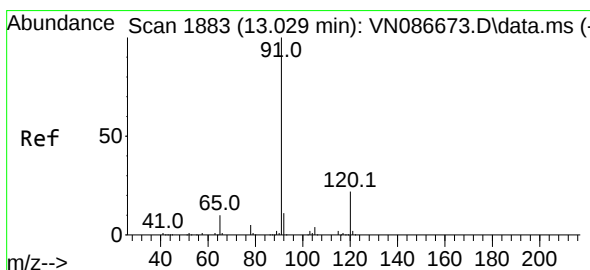
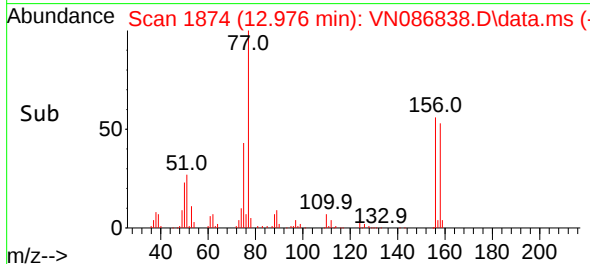
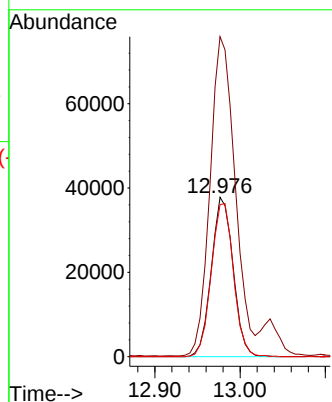
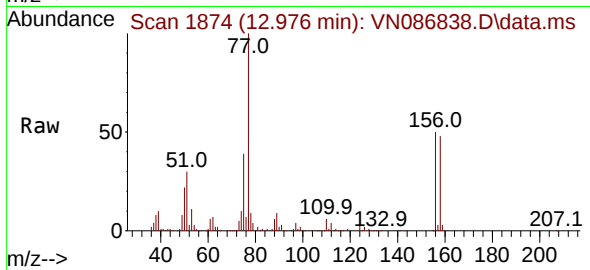
#77
Bromobenzene
Concen: 17.999 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion:156 Resp: 67249
Ion Ratio Lower Upper
156 100
77 229.4 113.1 339.2
158 97.7 48.6 145.9

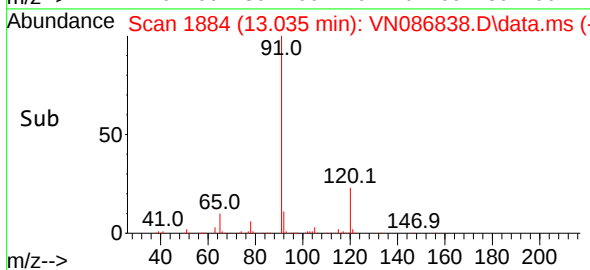
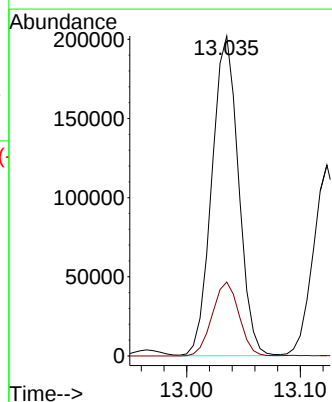
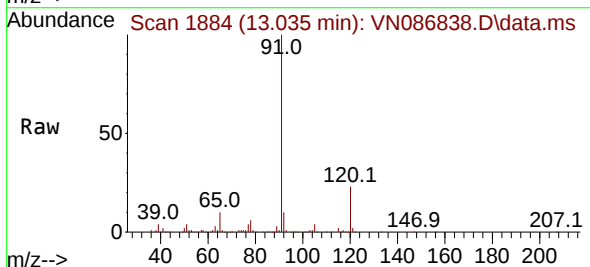
Manual Integrations
APPROVED

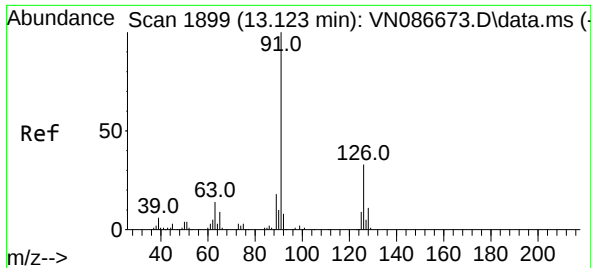
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#78
n-propylbenzene
Concen: 19.340 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 91 Resp: 329636
Ion Ratio Lower Upper
91 100
120 23.1 11.4 34.1





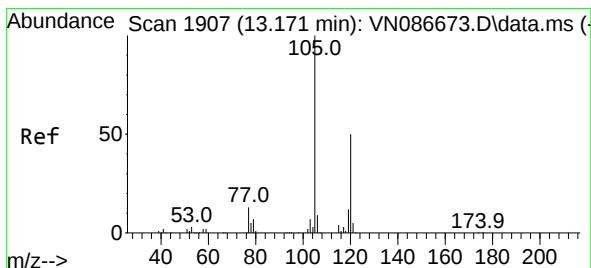
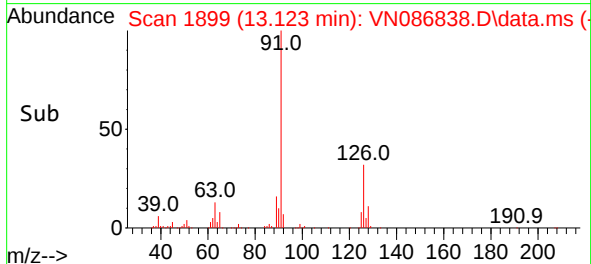
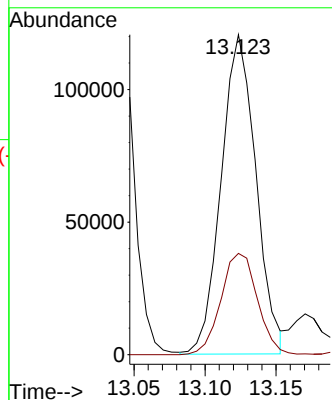
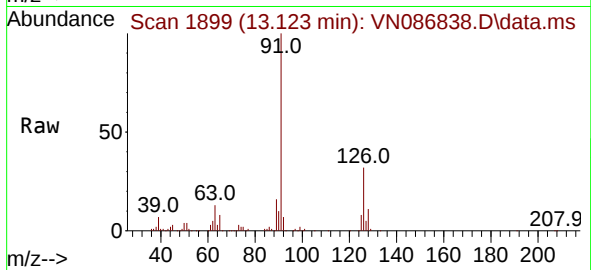
#79
2-Chlorotoluene
Concen: 18.500 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion: 91 Resp: 205023
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7

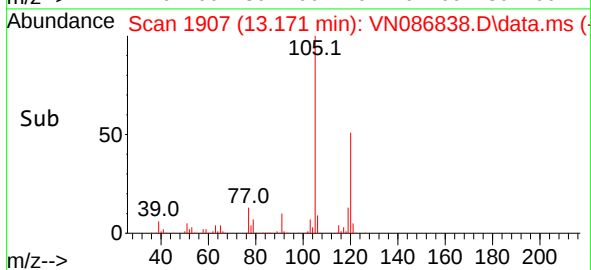
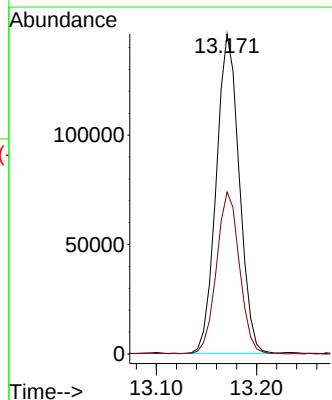
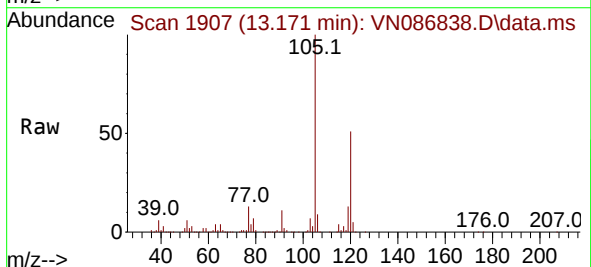
Manual Integrations
APPROVED

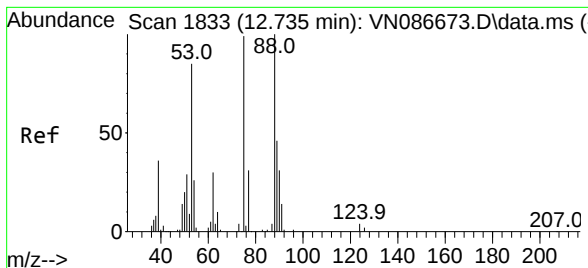
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.564 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

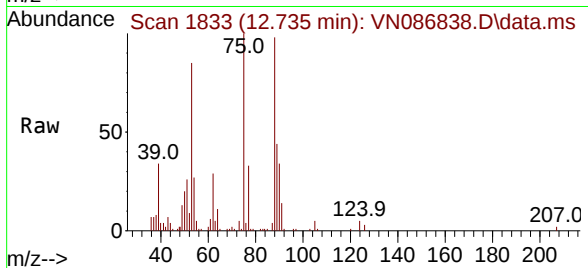
Tgt Ion:105 Resp: 232803
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 23.575 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

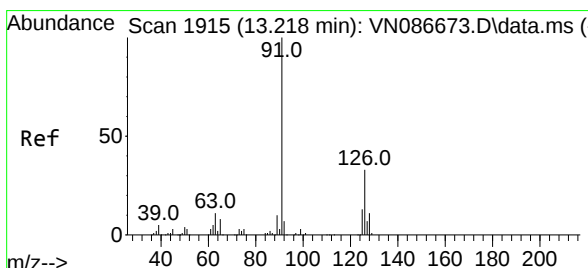
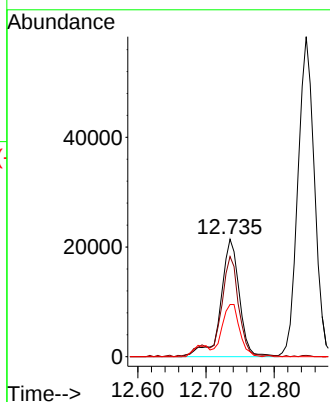
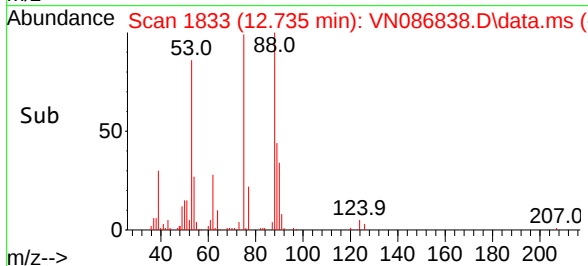
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



Tgt Ion: 75 Resp: 40628
Ion Ratio Lower Upper
75 100
53 76.3 70.4 105.6
89 42.3 32.4 48.6

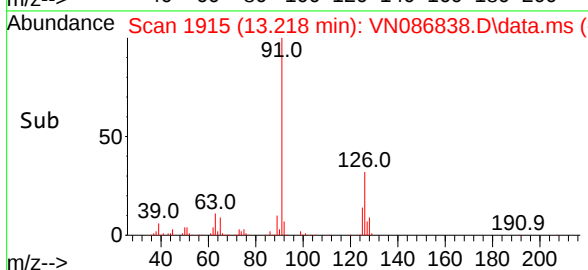
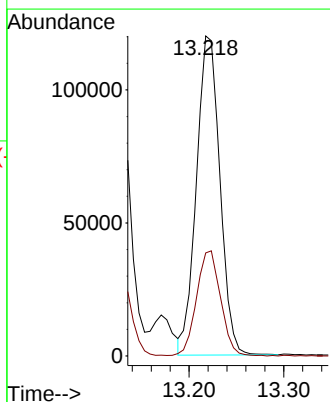
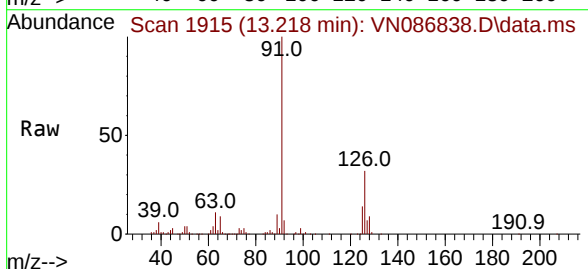
Manual Integrations
APPROVED

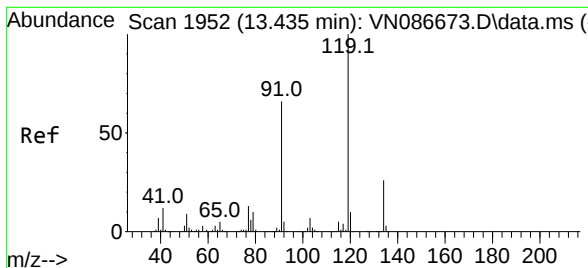
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#82
4-Chlorotoluene
Concen: 18.846 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

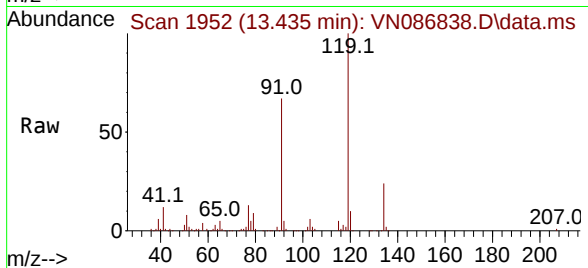
Tgt Ion: 91 Resp: 206930
Ion Ratio Lower Upper
91 100
126 33.8 17.0 50.9





#83
tert-Butylbenzene
Concen: 19.909 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

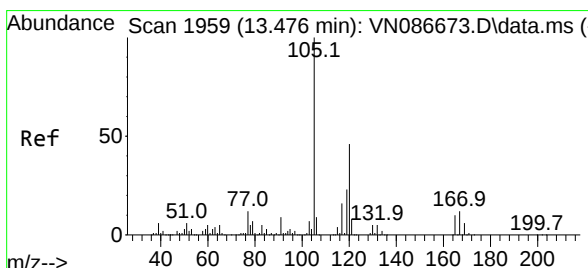
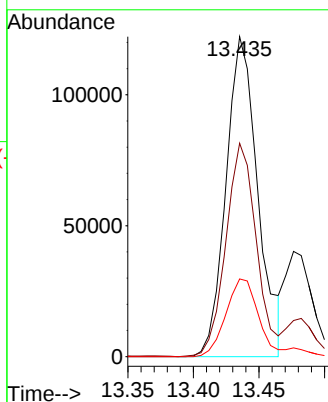
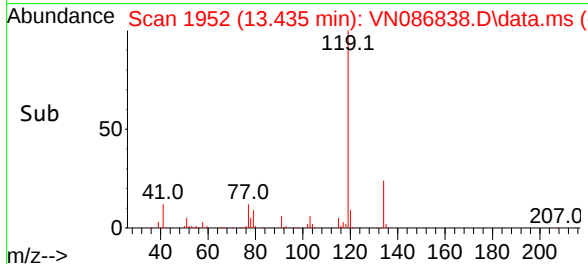
Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01



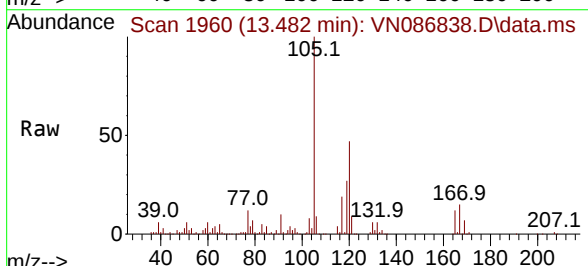
Tgt Ion:119 Resp: 206598
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.7
134 25.0 13.4 40.1

Manual Integrations
APPROVED

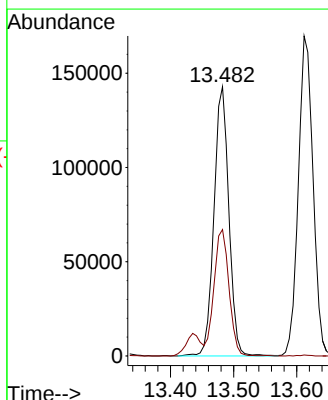
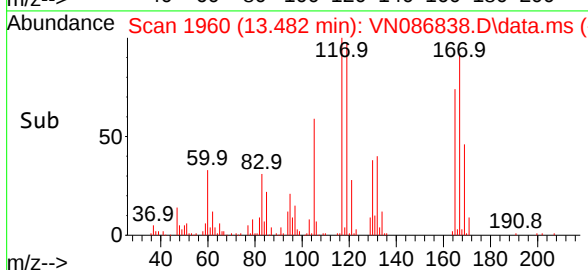
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

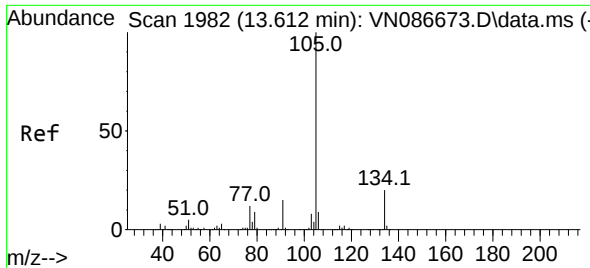


#84
1,2,4-Trimethylbenzene
Concen: 19.708 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20



Tgt Ion:105 Resp: 233529
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.6





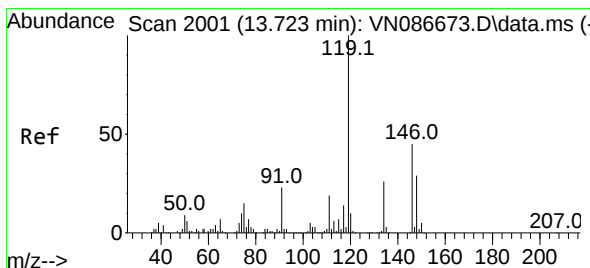
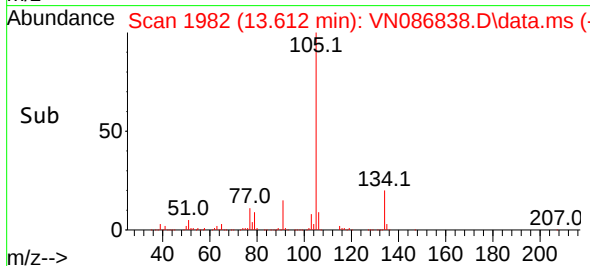
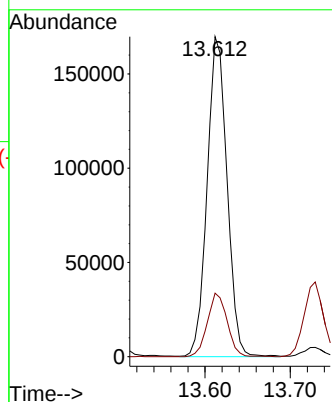
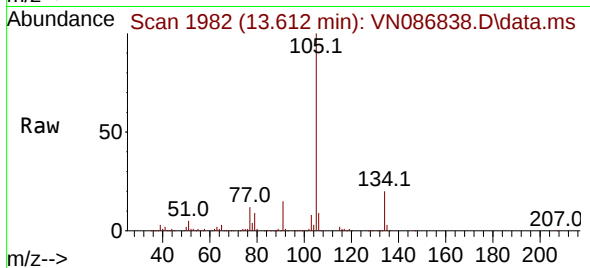
#85
 sec-Butylbenzene
 Concen: 19.809 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086838.D
 Acq: 03 Jun 2025 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0603WBSD01

Tgt Ion:105 Resp: 275620
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1

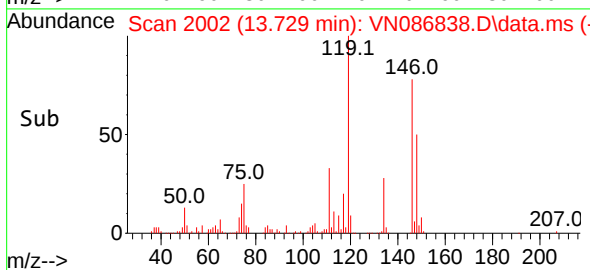
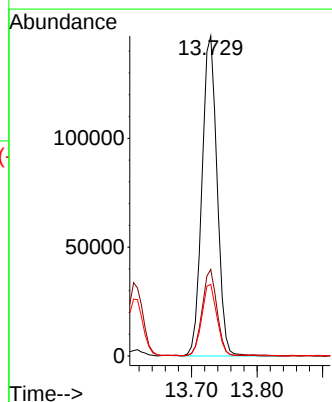
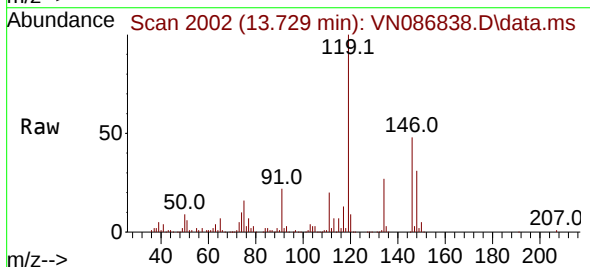
Manual Integrations
 APPROVED

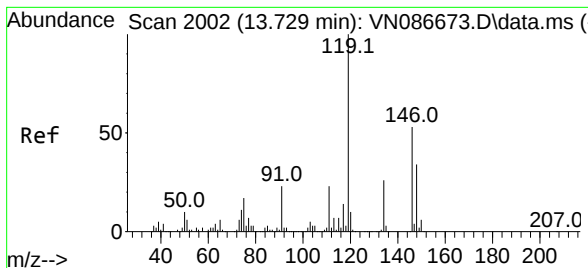
Reviewed By :John Carlone 06/04/2025
 Supervised By :Mahesh Dadoda 06/04/2025



#86
 p-Isopropyltoluene
 Concen: 20.700 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086838.D
 Acq: 03 Jun 2025 13:20

Tgt Ion:119 Resp: 236095
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.1
 91 22.2 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 18.887 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tgt Ion:146 Resp: 122189

Ion Ratio Lower Upper

146 100

111 41.8 20.9 62.7

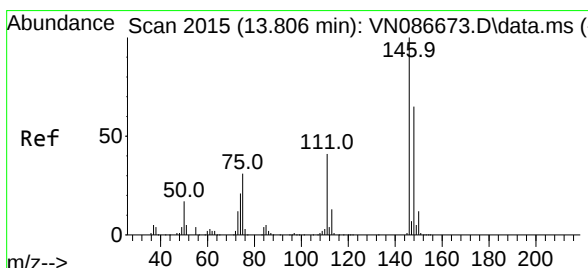
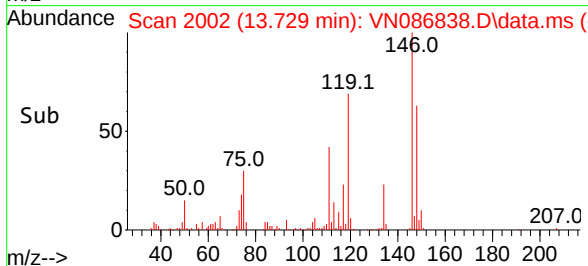
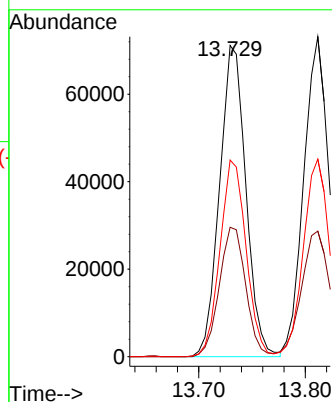
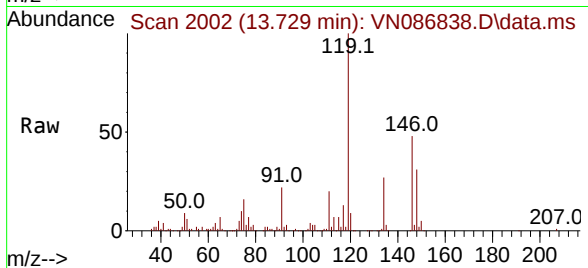
148 62.7 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#88

1,4-Dichlorobenzene

Concen: 19.079 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

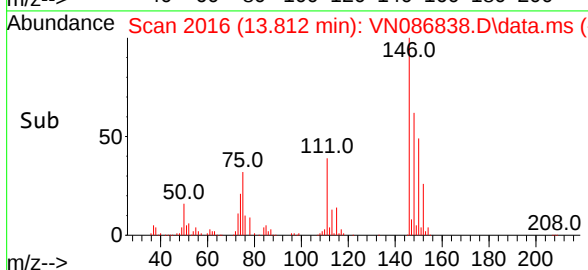
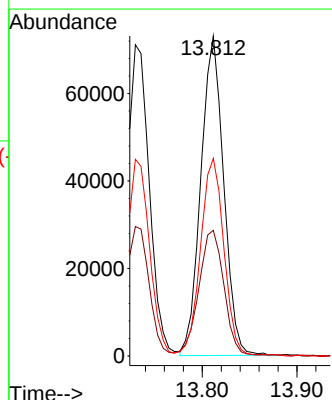
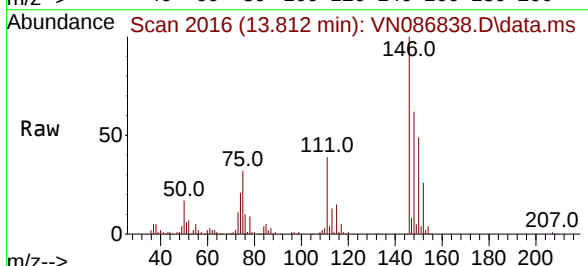
Tgt Ion:146 Resp: 122295

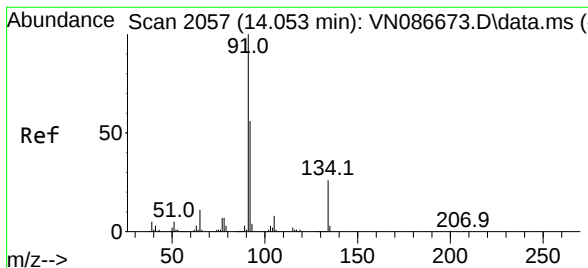
Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.8

148 63.6 32.0 96.0





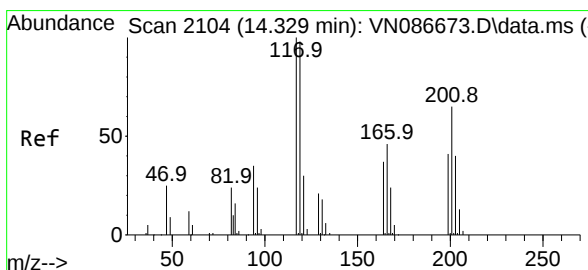
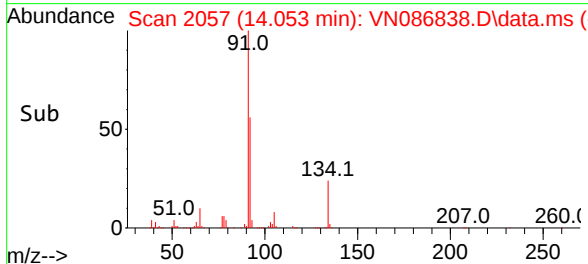
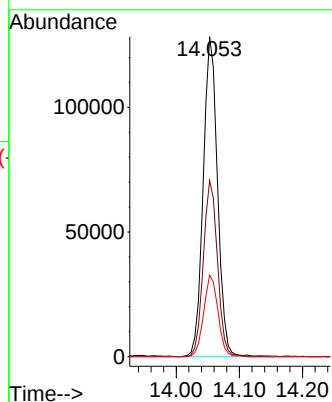
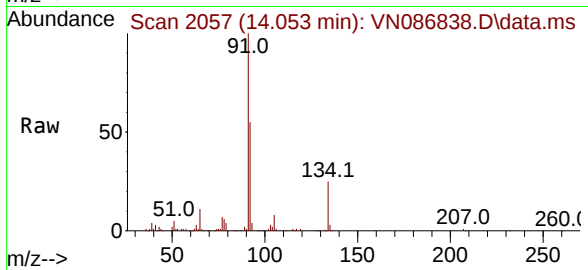
#89
n-Butylbenzene
Concen: 21.440 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion: 91 Resp: 20272
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.0
134 25.4 12.8 38.4

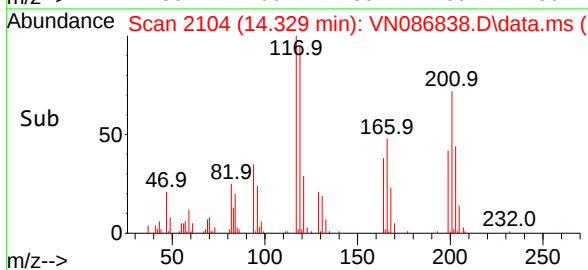
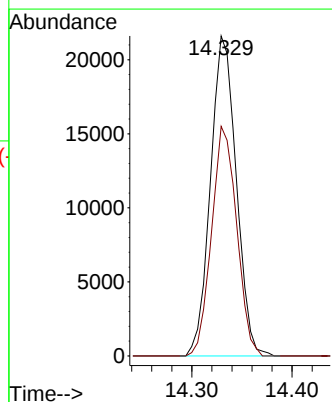
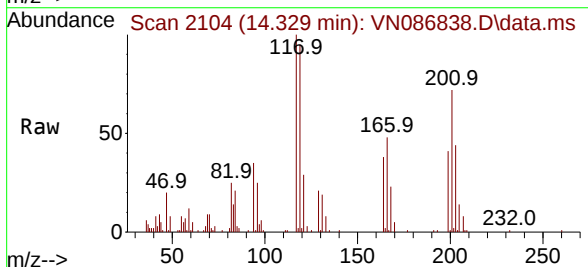
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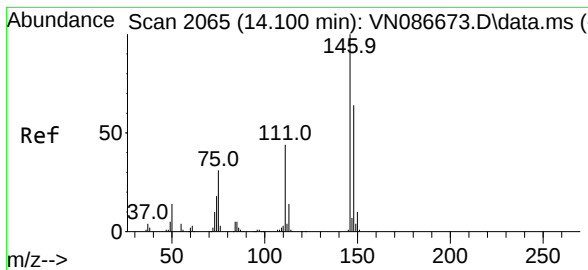
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#90
Hexachloroethane
Concen: 20.394 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion:117 Resp: 38593
Ion Ratio Lower Upper
117 100
201 69.8 32.0 96.0





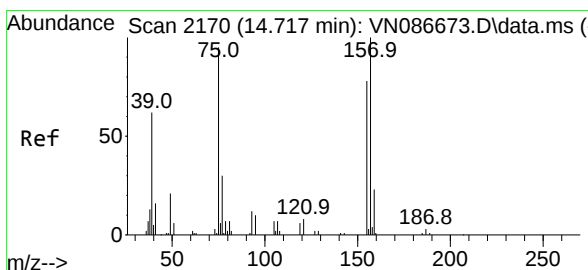
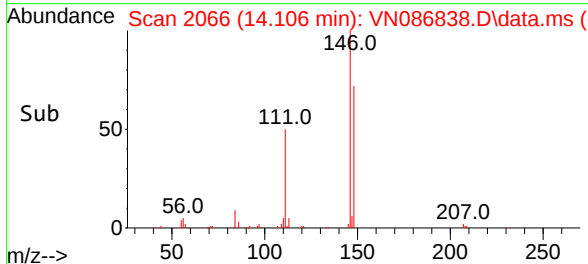
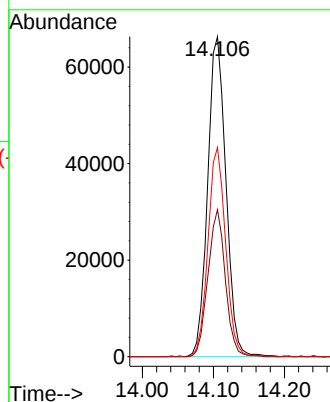
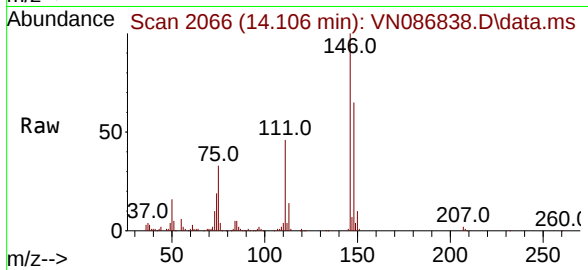
#91
1,2-Dichlorobenzene
Concen: 19.302 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion:146 Resp: 118775
Ion Ratio Lower Upper
146 100
111 43.7 21.6 65.0
148 63.0 31.7 95.1

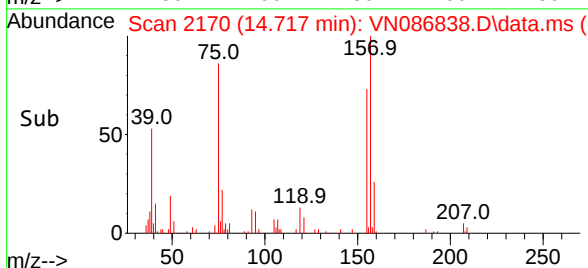
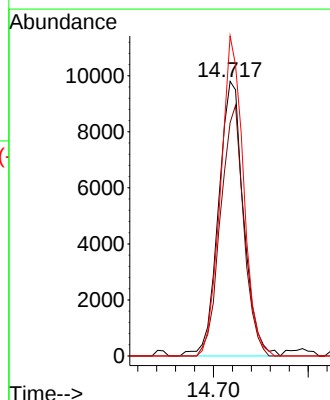
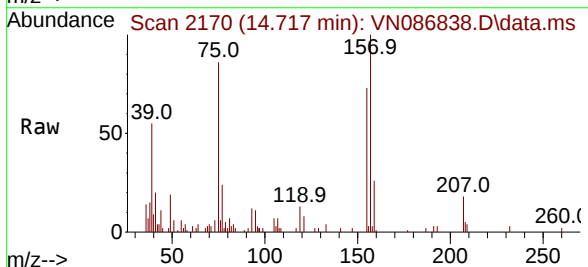
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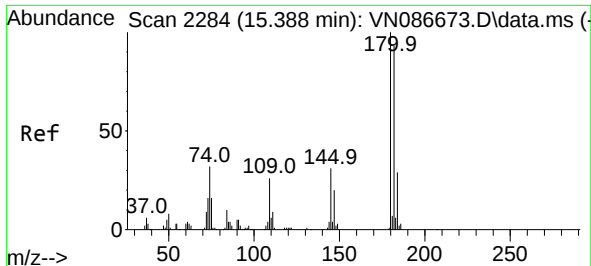
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.806 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion: 75 Resp: 17995
Ion Ratio Lower Upper
75 100
155 84.5 40.5 121.5
157 106.1 53.6 160.8





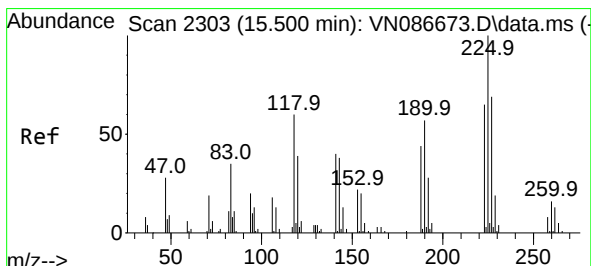
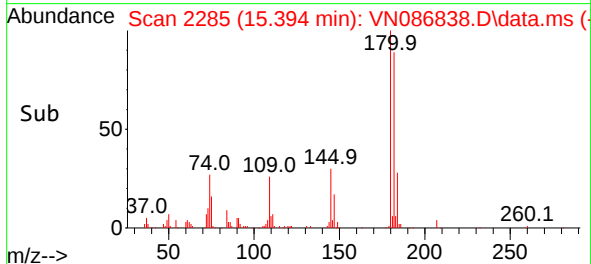
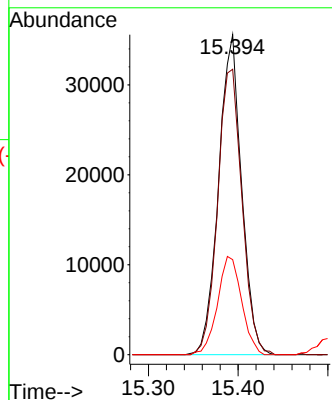
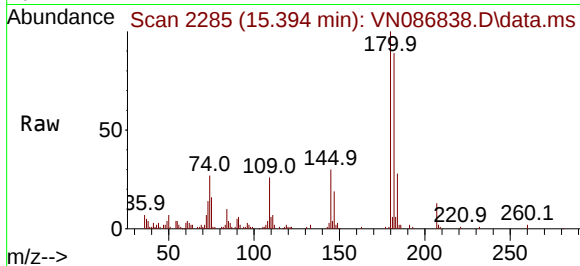
#93
1,2,4-Trichlorobenzene
Concen: 24.368 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Instrument :
MSVOA_N
ClientSampleId :
VN0603WBSD01

Tgt Ion:180 Resp: 63294
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.3
145 32.2 15.6 46.8

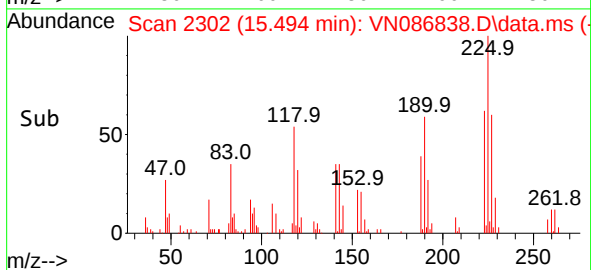
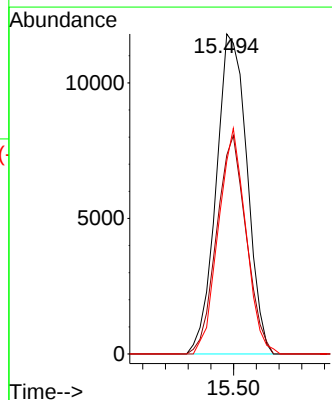
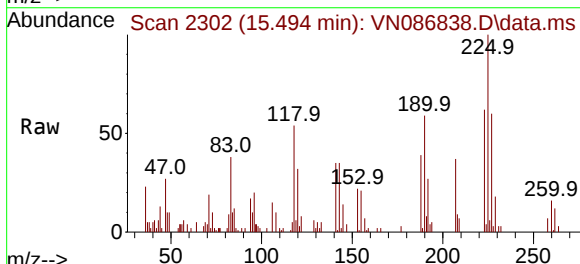
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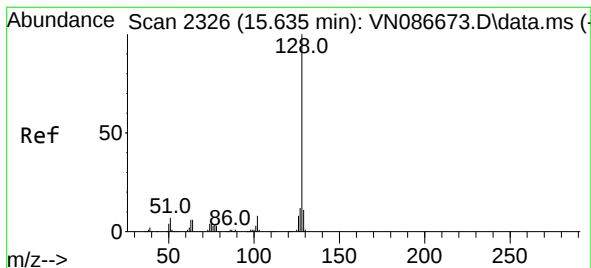
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#94
Hexachlorobutadiene
Concen: 20.648 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086838.D
Acq: 03 Jun 2025 13:20

Tgt Ion:225 Resp: 22251
Ion Ratio Lower Upper
225 100
223 65.3 32.9 98.6
227 62.6 32.4 97.2





#95

Naphthalene

Concen: 25.709 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Instrument :

MSVOA_N

ClientSampleId :

VN0603WBSD01

Tgt Ion:128 Resp: 231862

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

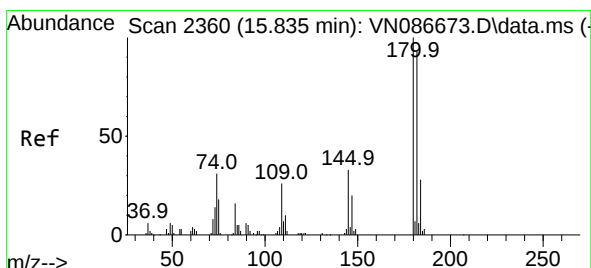
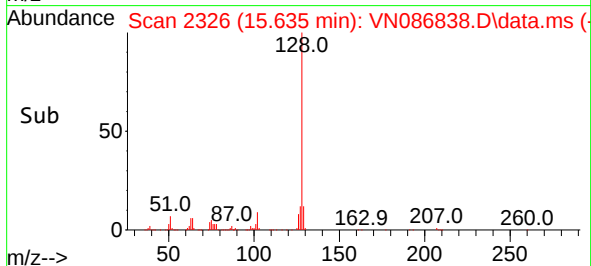
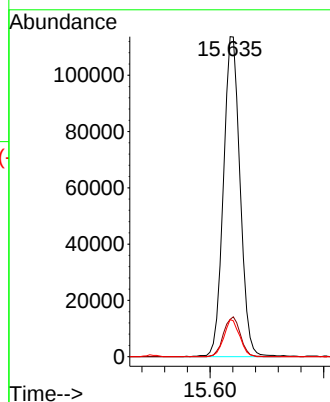
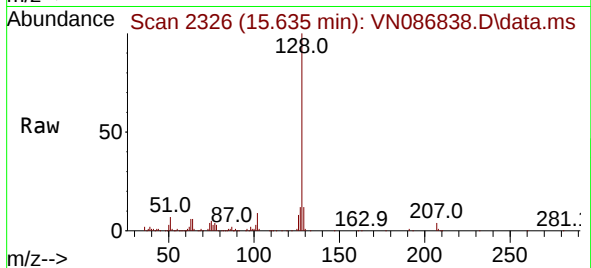
129 10.9 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/04/2025

Supervised By :Mahesh Dadoda 06/04/2025



#96

1,2,3-Trichlorobenzene

Concen: 24.123 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN086838.D

Acq: 03 Jun 2025 13:20

Tgt Ion:180 Resp: 61361

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

145 34.2 16.7 50.1

