

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086747.D
 Acq On : 21 May 2025 21:30
 Operator : JC\MD
 Sample : VN0521MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:33:42 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	8.224	168	275246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	481961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	424246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160388	42.170	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.340%		
35) Dibromofluoromethane	8.165	113	137927	48.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	10.565	98	578294	48.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.847	95	204726	48.745	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.500%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	50556	17.008	ug/l	100
3) Chloromethane	2.359	50	64630	14.375	ug/l	100
4) Vinyl Chloride	2.512	62	61267	15.174	ug/l	94
5) Bromomethane	2.959	94	35280	15.157	ug/l	95
6) Chloroethane	3.124	64	38989	14.740	ug/l	95
7) Trichlorofluoromethane	3.500	101	79318	16.438	ug/l	94
8) Diethyl Ether	3.959	74	33729	16.921	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	48268	16.709	ug/l	96
10) Methyl Iodide	4.589	142	57276	15.939	ug/l	98
11) Tert butyl alcohol	5.512	59	50231	72.516	ug/l	98
12) 1,1-Dichloroethene	4.342	96	50216	16.357	ug/l	91
13) Acrolein	4.177	56	49902	67.389	ug/l	99
14) Allyl chloride	5.024	41	68230	14.683	ug/l	93
15) Acrylonitrile	5.718	53	130192	75.910	ug/l	98
16) Acetone	4.430	43	97634	68.625	ug/l	96
17) Carbon Disulfide	4.712	76	130601	15.365	ug/l	99
18) Methyl Acetate	5.024	43	58449	14.678	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	173996	16.645	ug/l	100
20) Methylene Chloride	5.277	84	58413	15.559	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	53815	16.580	ug/l	91
22) Diisopropyl ether	6.671	45	162378	15.489	ug/l	96
23) Vinyl Acetate	6.600	43	568629	72.171	ug/l	96
24) 1,1-Dichloroethane	6.565	63	95746	15.556	ug/l	98
25) 2-Butanone	7.482	43	158862	72.259	ug/l	94
26) 2,2-Dichloropropane	7.488	77	72861	14.345	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	65078	16.334	ug/l	96
28) Bromochloromethane	7.812	49	46959	16.792	ug/l	85
29) Tetrahydrofuran	7.835	42	105982	73.855	ug/l	95
30) Chloroform	7.965	83	96782	15.710	ug/l	94
31) Cyclohexane	8.253	56	87198	15.276	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	86498	16.653	ug/l	94
36) 1,1-Dichloropropene	8.365	75	70028	16.540	ug/l	98
37) Ethyl Acetate	7.559	43	63058	14.744	ug/l	97
38) Carbon Tetrachloride	8.359	117	71824	17.218	ug/l	97
39) Methylcyclohexane	9.594	83	78862	17.210	ug/l	99
40) Benzene	8.600	78	233387	16.898	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	34562	14.967	ug/l	94
42) 1,2-Dichloroethane	8.665	62	68532	15.927	ug/l	96
43) Isopropyl Acetate	8.682	43	124703	14.545	ug/l	99
44) Trichloroethene	9.347	130	60125	18.049	ug/l	96
45) 1,2-Dichloropropane	9.618	63	55021	16.770	ug/l	93
46) Dibromomethane	9.706	93	38010	17.169	ug/l	97
47) Bromodichloromethane	9.882	83	77152	16.914	ug/l	97
48) Methyl methacrylate	9.676	41	51273	15.433	ug/l	94
49) 1,4-Dioxane	9.688	88	22436	318.929	ug/l #	95
51) 4-Methyl-2-Pentanone	10.441	43	328356	75.946	ug/l	95
52) Toluene	10.623	92	149146	17.375	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	80742	16.718	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	87507	16.598	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	54060	16.883	ug/l	94
56) Ethyl methacrylate	10.871	69	89135	17.337	ug/l	94
57) 1,3-Dichloropropane	11.159	76	91290	16.549	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	195413	85.044	ug/l	95
59) 2-Hexanone	11.194	43	241933	76.626	ug/l	96
60) Dibromochloromethane	11.353	129	60236	17.950	ug/l	97
61) 1,2-Dibromoethane	11.465	107	55795	17.340	ug/l	99
64) Tetrachloroethene	11.100	164	62414	19.205	ug/l	97
65) Chlorobenzene	11.888	112	164695	17.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	54932	18.291	ug/l	98
67) Ethyl Benzene	11.959	91	279056	17.513	ug/l	97
68) m/p-Xylenes	12.065	106	220780	36.581	ug/l	96
69) o-Xylene	12.394	106	111521	18.586	ug/l	99
70) Styrene	12.406	104	182328	18.560	ug/l	98
71) Bromoform	12.576	173	39557	18.521	ug/l #	97
73) Isopropylbenzene	12.694	105	261517	17.887	ug/l	99
74) N-amyl acetate	12.488	43	94232	15.426	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	71470	15.912	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	84816m	19.811	ug/l	
77) Bromobenzene	12.976	156	63826	17.355	ug/l	94
78) n-propylbenzene	13.029	91	291868	17.395	ug/l	98
79) 2-Chlorotoluene	13.123	91	186328	17.080	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	209290	17.867	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	28784	16.968	ug/l	93
82) 4-Chlorotoluene	13.217	91	181610	16.803	ug/l	98
83) tert-Butylbenzene	13.435	119	184018	18.014	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	211711	18.150	ug/l	99
85) sec-Butylbenzene	13.612	105	251061	18.329	ug/l	98
86) p-Isopropyltoluene	13.723	119	208133	18.538	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	110728	17.387	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	111114	17.610	ug/l	100
89) n-Butylbenzene	14.053	91	168106	18.061	ug/l	98
90) Hexachloroethane	14.329	117	32611	17.506	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	108885	17.976	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12587	16.916	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	47954	18.755	ug/l	99
94) Hexachlorobutadiene	15.500	225	19095	18.000	ug/l	97
95) Naphthalene	15.635	128	204043	22.983	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	46744	18.668	ug/l	99

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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

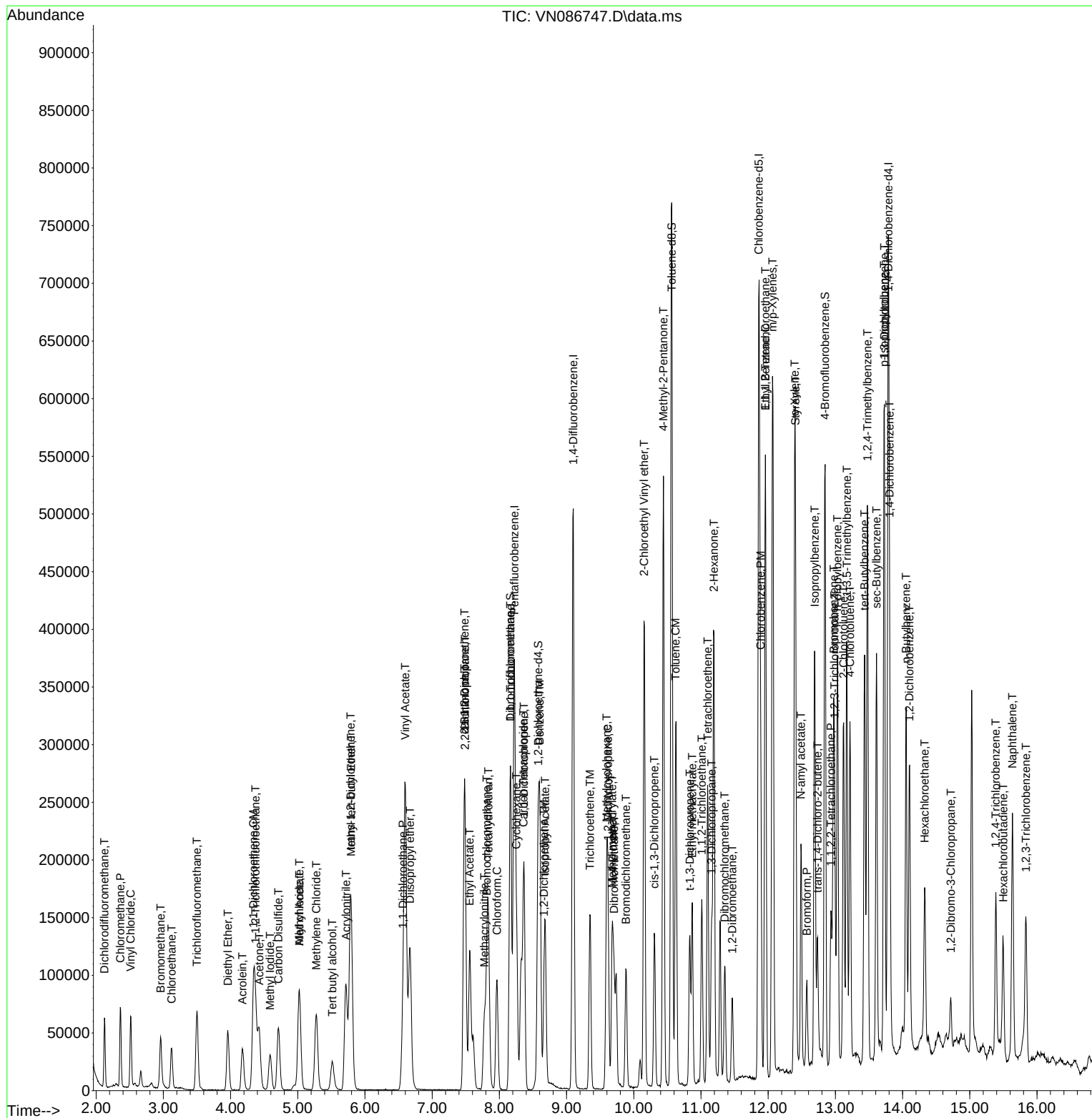
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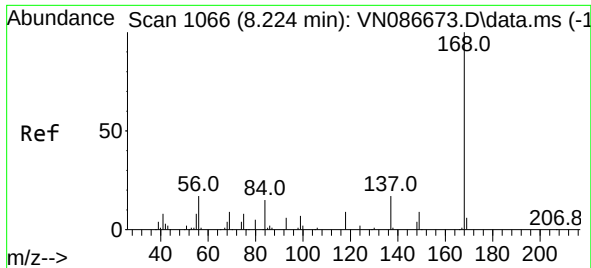
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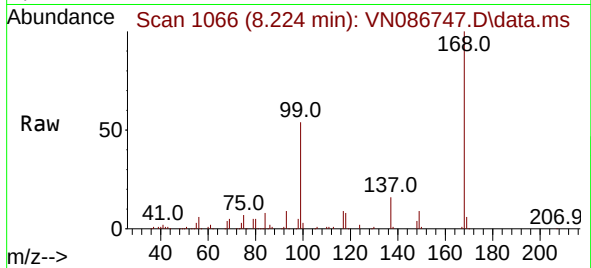
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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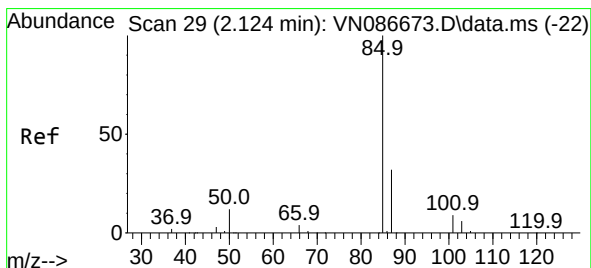
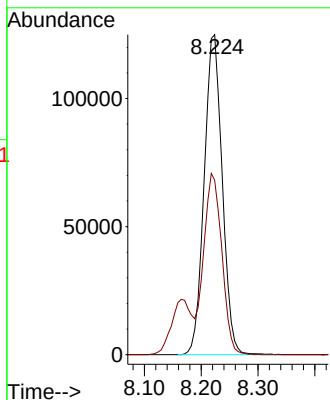
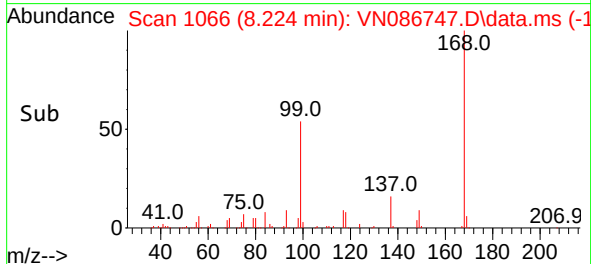
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 275240
Ion Ratio Lower Upper
168 100
99 54.3 47.0 70.4

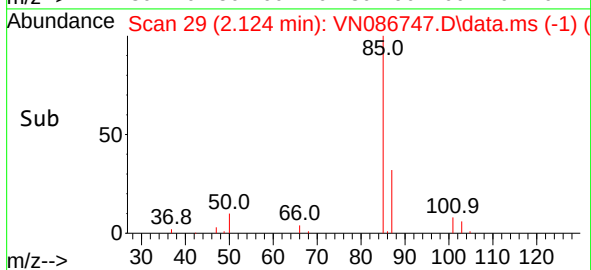
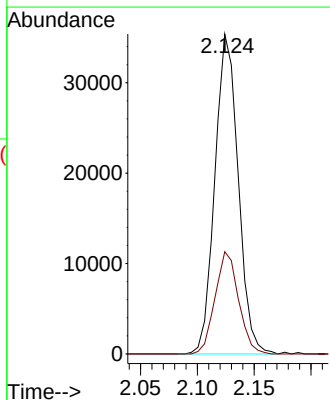
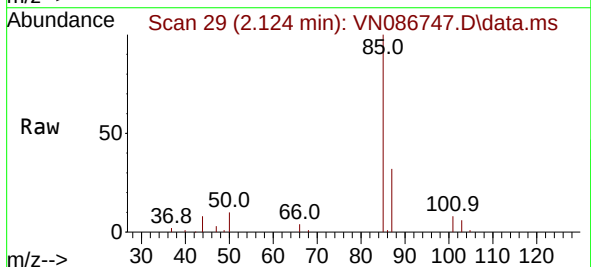
Manual Integrations
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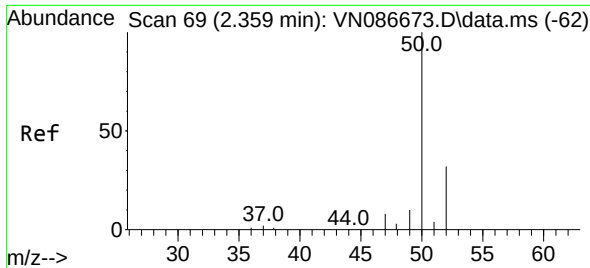
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#2
Dichlorodifluoromethane
Concen: 17.008 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion: 85 Resp: 50556
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.6





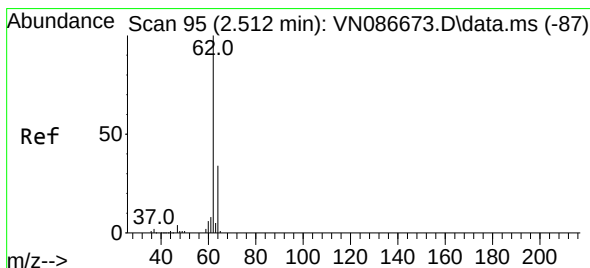
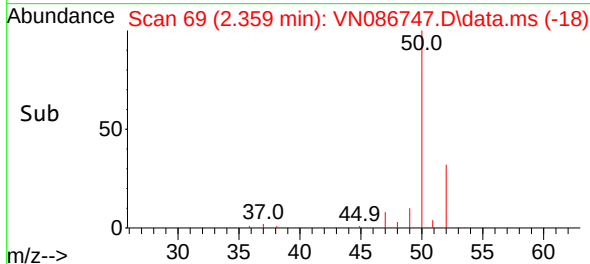
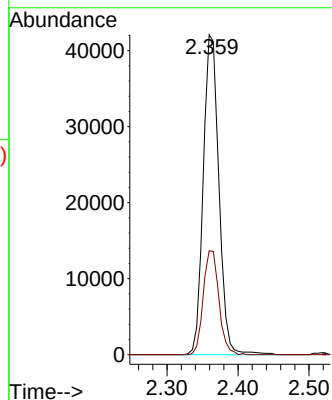
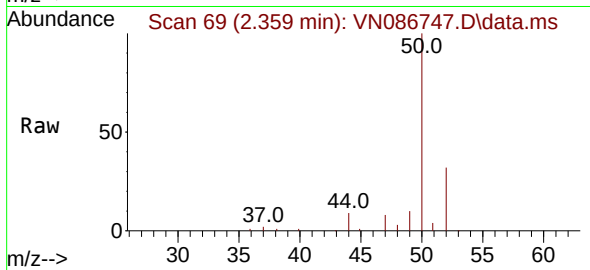
#3
Chloromethane
Concen: 14.375 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086747.D
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Tgt Ion: 50 Resp: 64630
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9

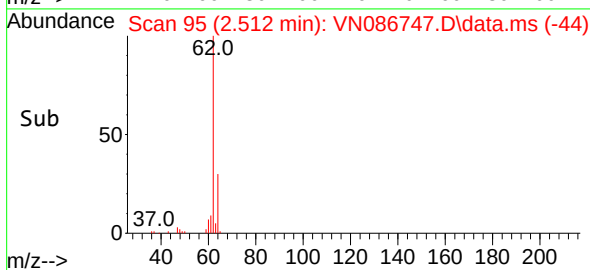
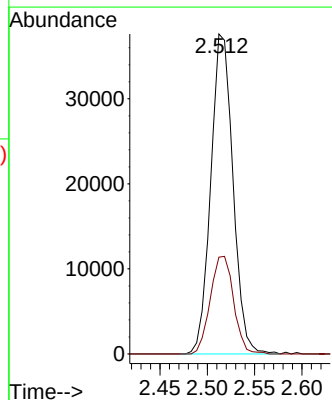
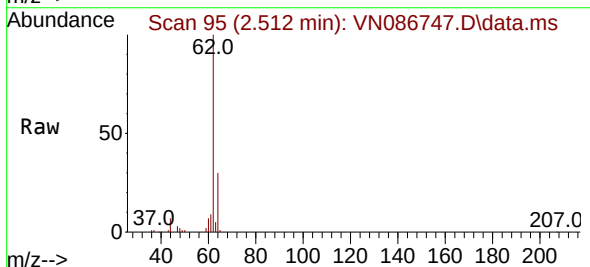
Manual Integrations
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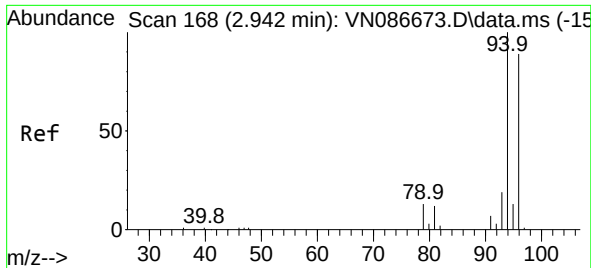
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#4
Vinyl Chloride
Concen: 15.174 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086747.D
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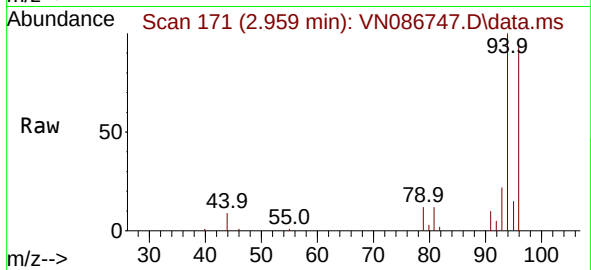
Tgt Ion: 62 Resp: 61267
Ion Ratio Lower Upper
62 100
64 30.3 26.9 40.3





#5
Bromomethane
Concen: 15.157 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086747.D
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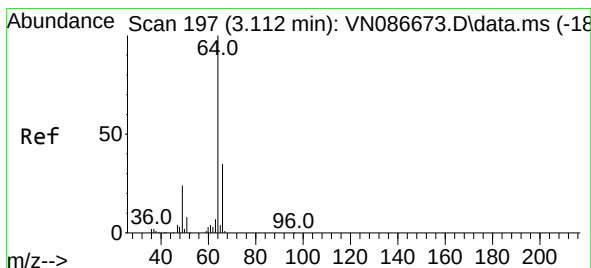
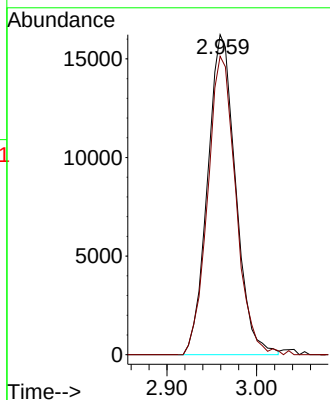
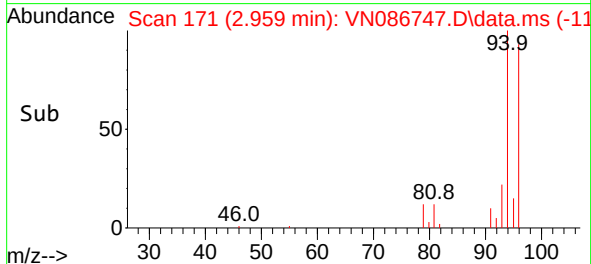
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Tgt Ion: 94 Resp: 35280
Ion Ratio Lower Upper
94 100
96 93.3 71.2 106.8

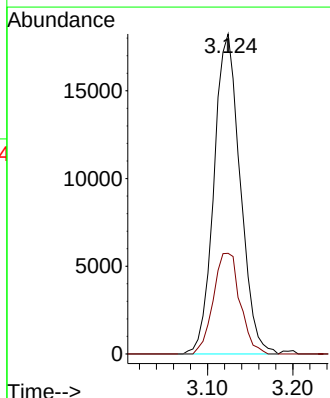
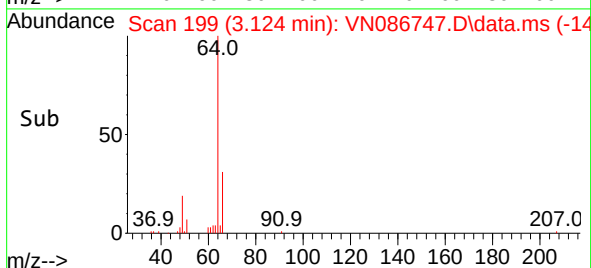
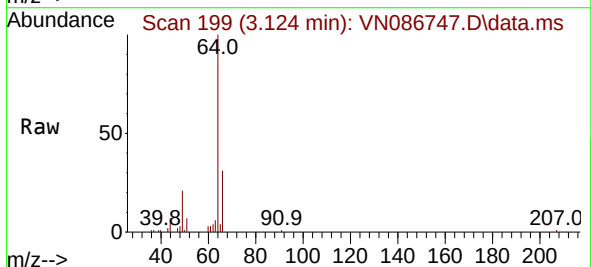
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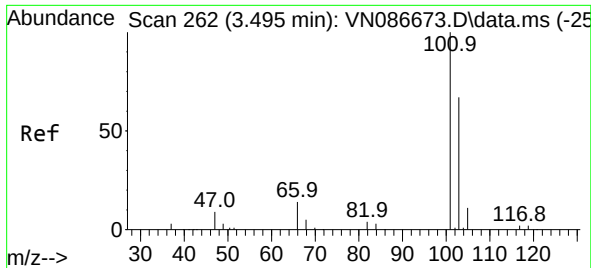
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#6
Chloroethane
Concen: 14.740 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

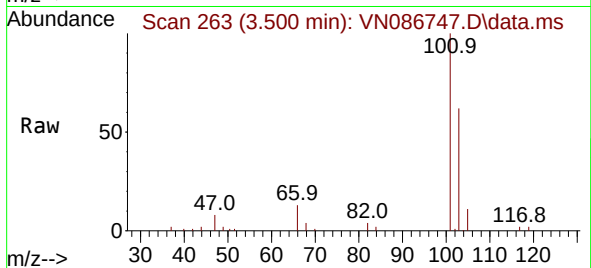
Tgt Ion: 64 Resp: 38989
Ion Ratio Lower Upper
64 100
66 31.5 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 16.438 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN086747.D
 Acq: 21 May 2025 21:30

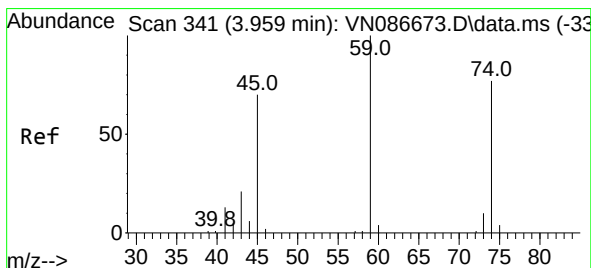
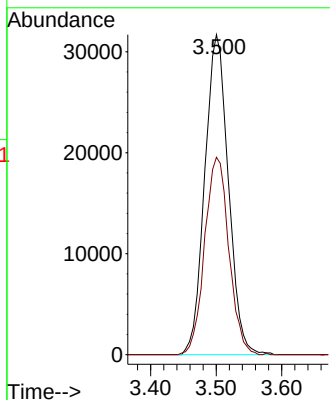
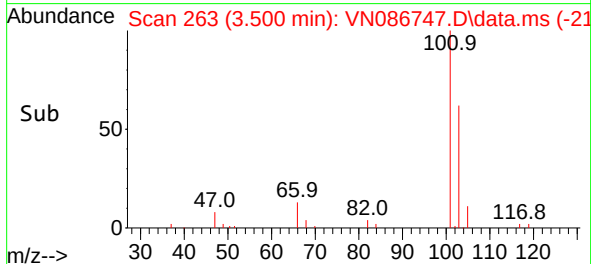
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Tgt Ion:101 Resp: 79318
 Ion Ratio Lower Upper
 101 100
 103 61.7 53.4 80.0

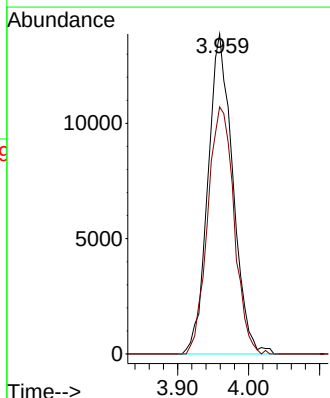
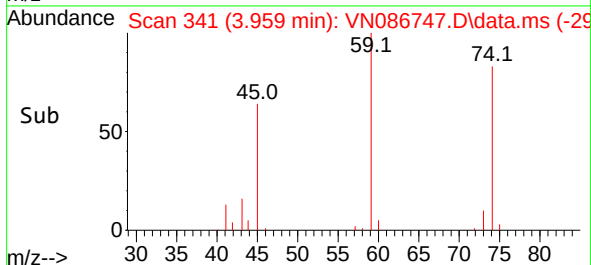
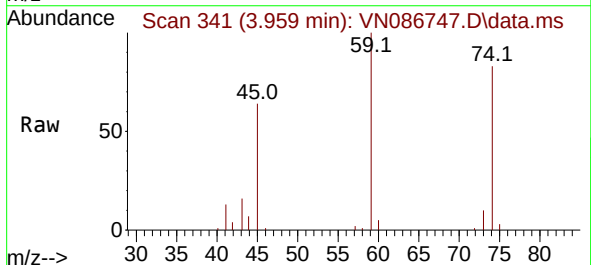
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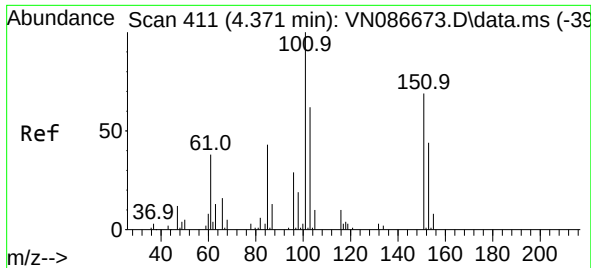
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#8
 Diethyl Ether
 Concen: 16.921 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086747.D
 Acq: 21 May 2025 21:30

Tgt Ion: 74 Resp: 33729
 Ion Ratio Lower Upper
 74 100
 45 81.7 45.0 135.0





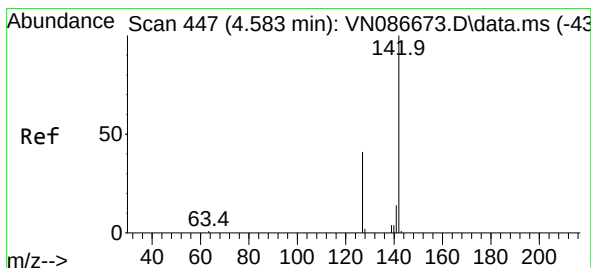
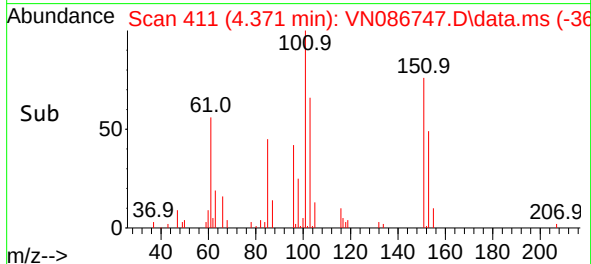
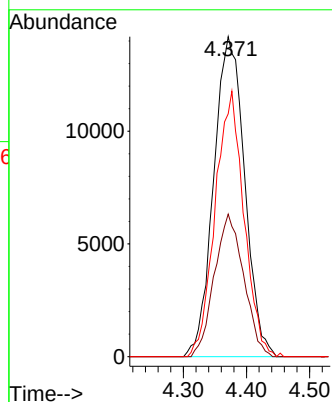
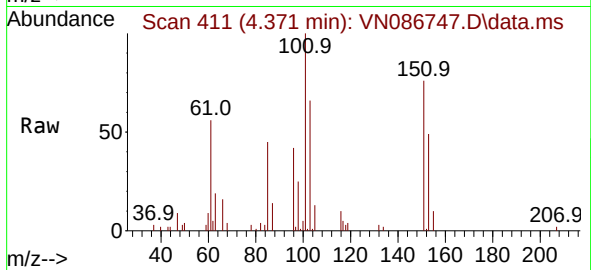
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.709 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion:101 Resp: 48268
Ion Ratio Lower Upper
101 100
85 42.3 35.0 52.6
151 77.1 58.1 87.1

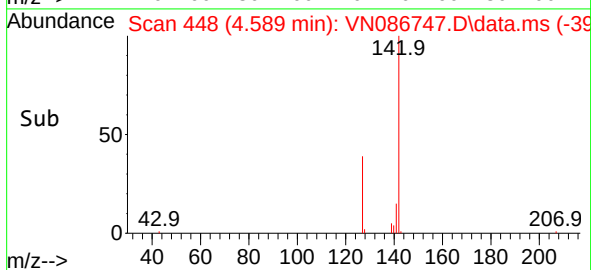
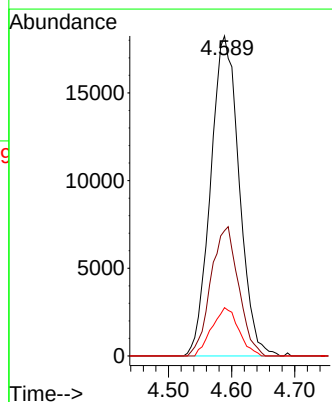
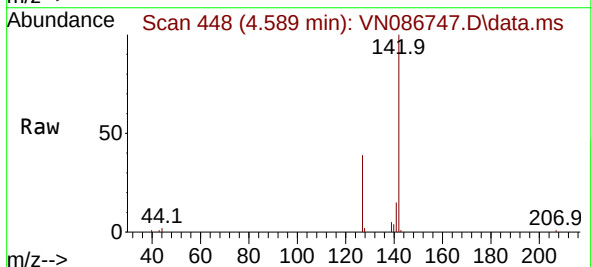
Manual Integrations
APPROVED

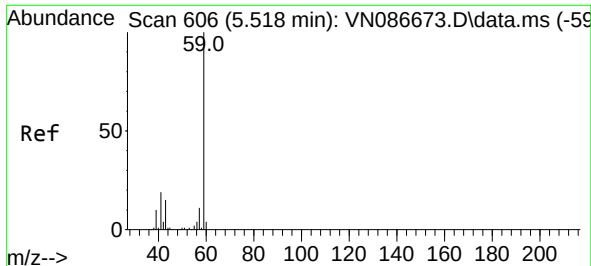
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#10
Methyl Iodide
Concen: 15.939 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

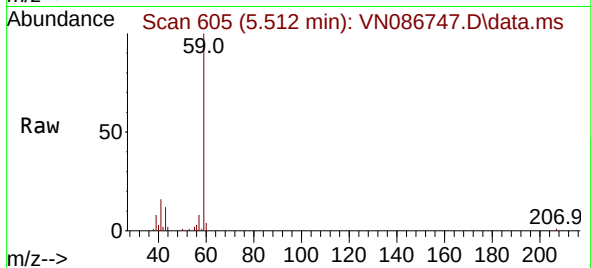
Tgt Ion:142 Resp: 57276
Ion Ratio Lower Upper
142 100
127 39.2 32.4 48.6
141 15.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 72.516 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

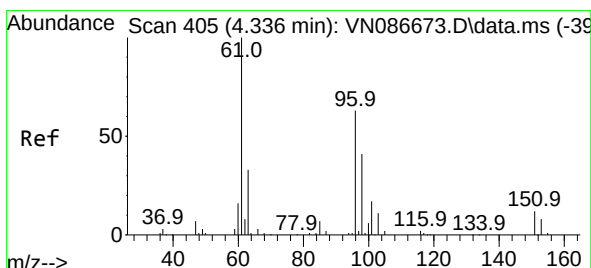
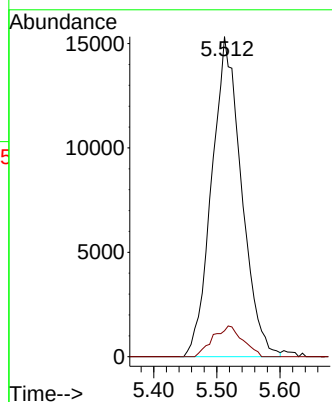
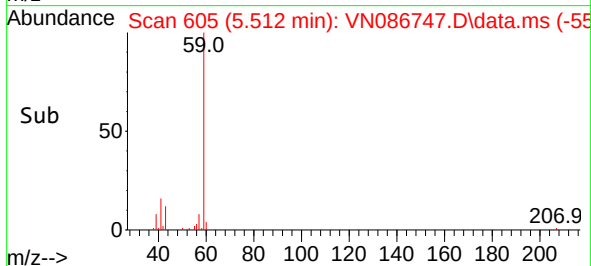
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



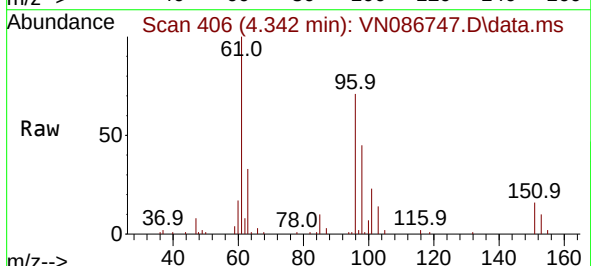
Tgt Ion: 59 Resp: 5023
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2

Manual Integrations
APPROVED

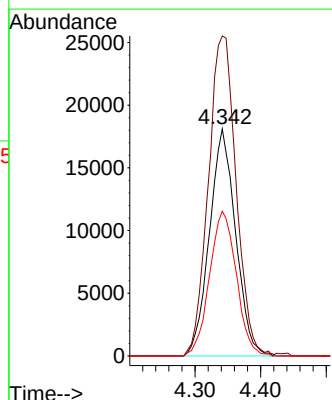
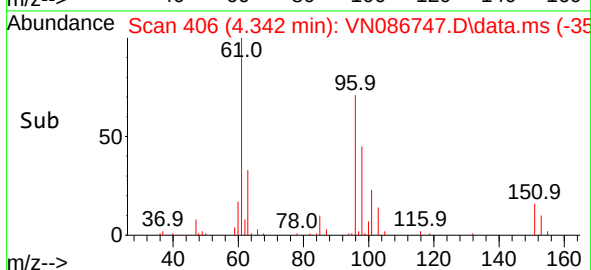
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

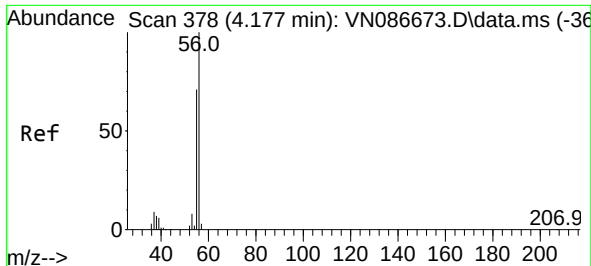


#12
1,1-Dichloroethene
Concen: 16.357 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



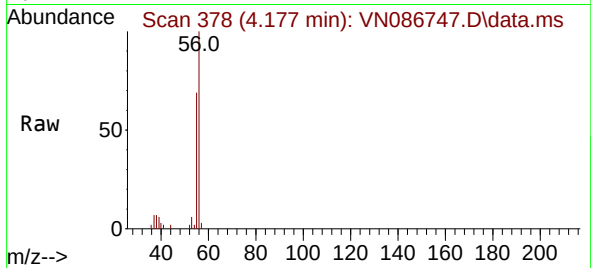
Tgt Ion: 96 Resp: 50216
Ion Ratio Lower Upper
96 100
61 140.9 126.2 189.2
98 63.7 51.5 77.3





#13
Acrolein
Concen: 67.389 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

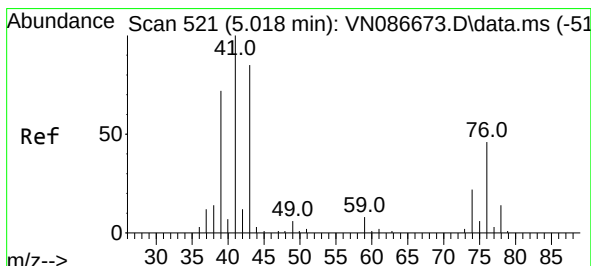
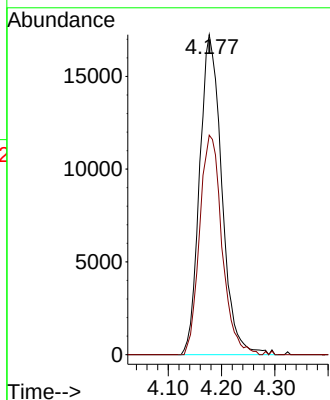
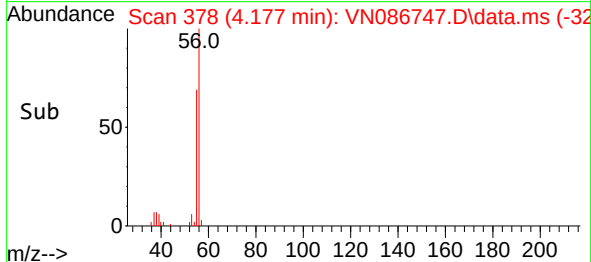
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



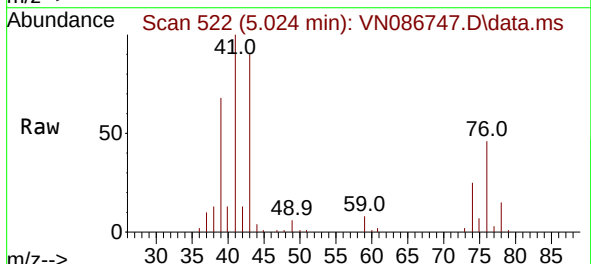
Tgt Ion: 56 Resp: 4990
Ion Ratio Lower Upper
56 100
55 69.2 55.7 83.5

Manual Integrations
APPROVED

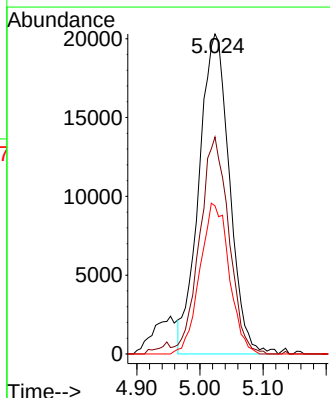
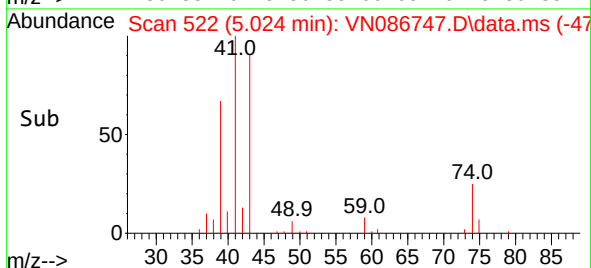
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

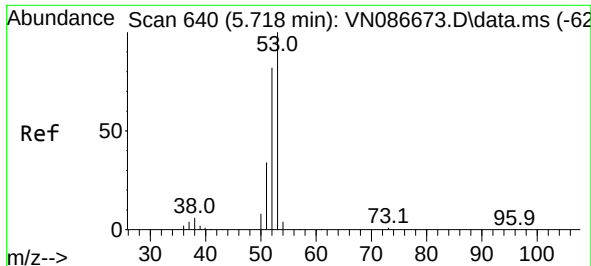


#14
Allyl chloride
Concen: 14.683 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



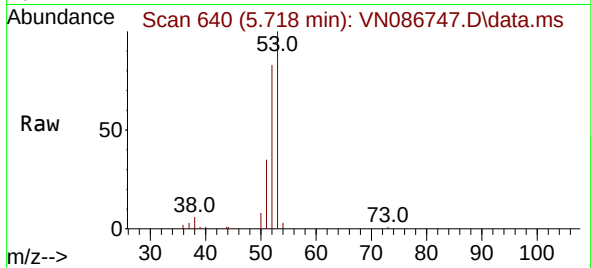
Tgt Ion: 41 Resp: 68230
Ion Ratio Lower Upper
41 100
39 64.8 57.4 86.0
76 45.1 33.2 49.8





#15
Acrylonitrile
Concen: 75.910 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

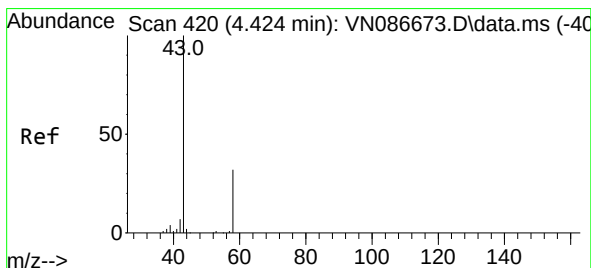
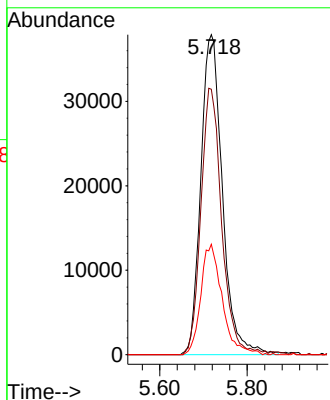
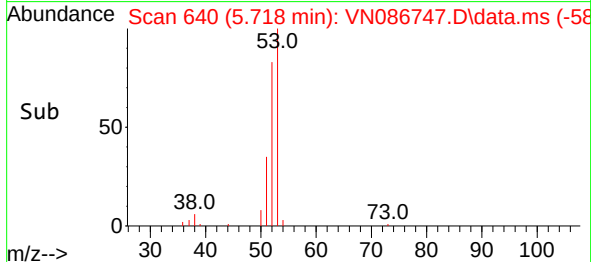
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



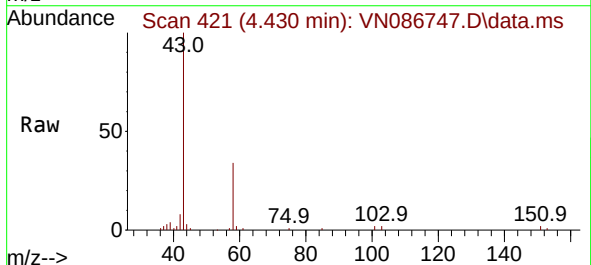
Tgt Ion: 53 Resp: 130192
Ion Ratio Lower Upper
53 100
52 80.1 65.4 98.2
51 34.2 27.9 41.9

Manual Integrations
APPROVED

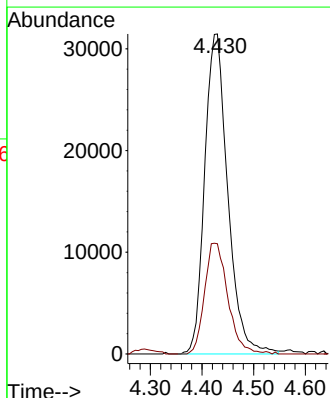
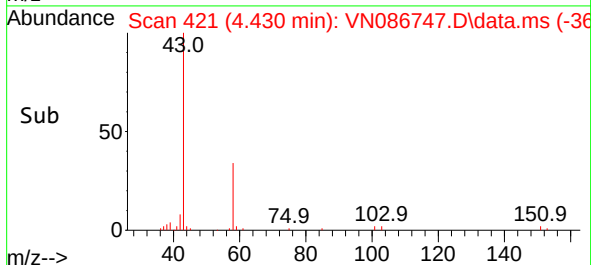
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

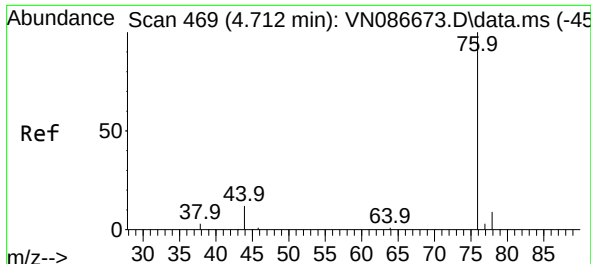


#16
Acetone
Concen: 68.625 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



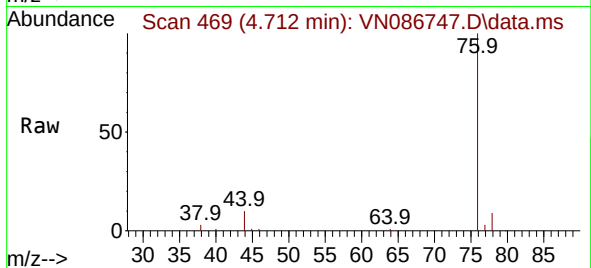
Tgt Ion: 43 Resp: 97634
Ion Ratio Lower Upper
43 100
58 34.5 25.8 38.6





#17
Carbon Disulfide
Concen: 15.365 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

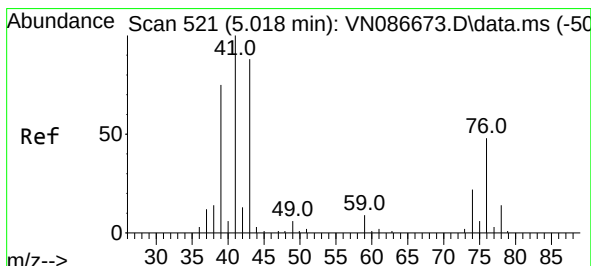
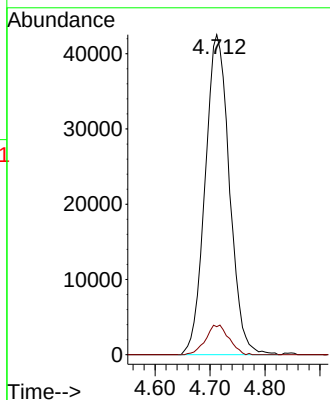
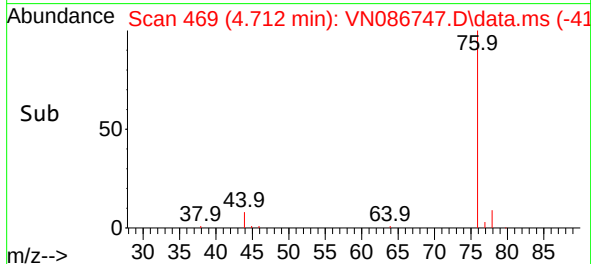
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



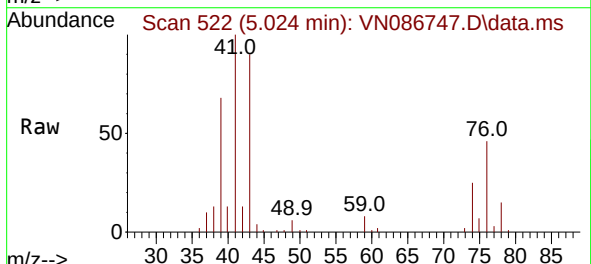
Tgt Ion: 76 Resp: 13060
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

Manual Integrations
APPROVED

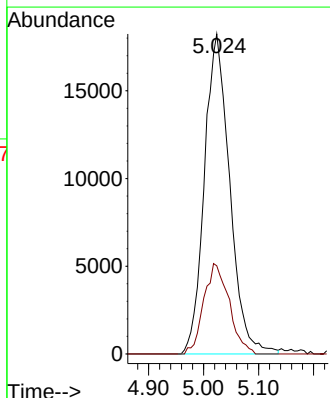
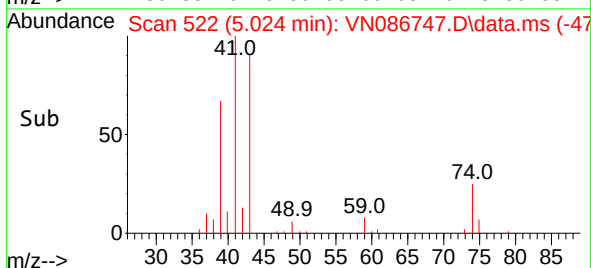
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

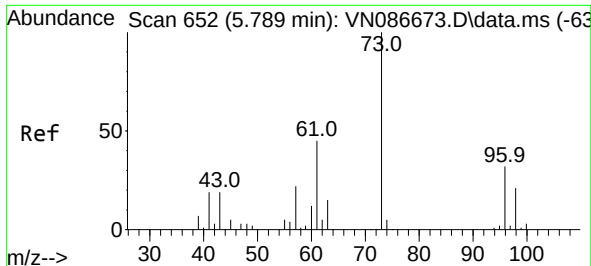


#18
Methyl Acetate
Concen: 14.678 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



Tgt Ion: 43 Resp: 58449
Ion Ratio Lower Upper
43 100
74 28.3 20.5 30.7





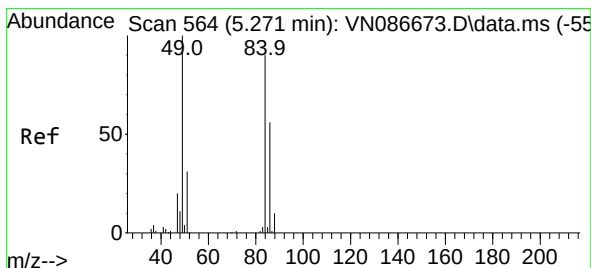
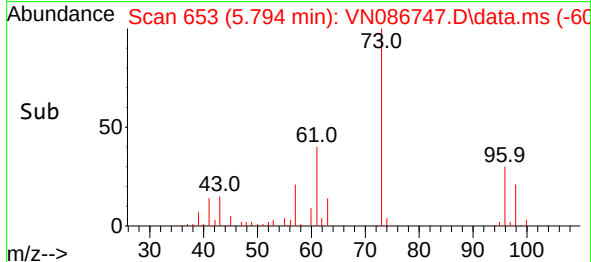
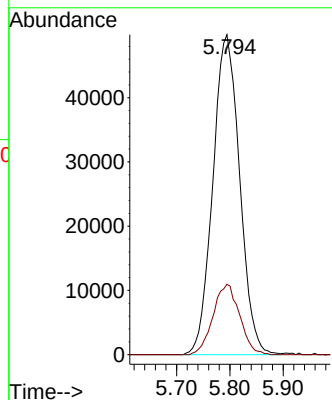
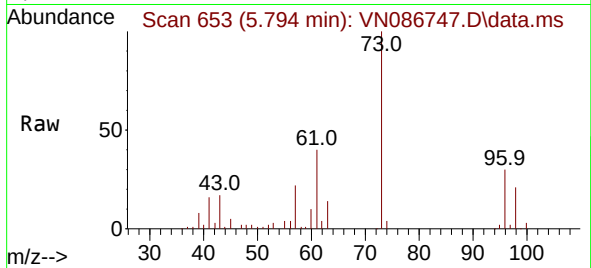
#19
Methyl tert-butyl Ether
Concen: 16.645 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion: 73 Resp: 173990
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

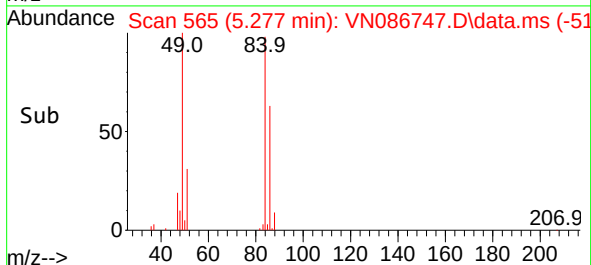
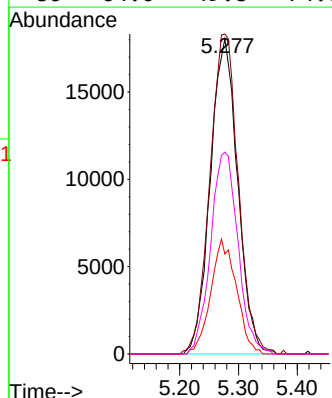
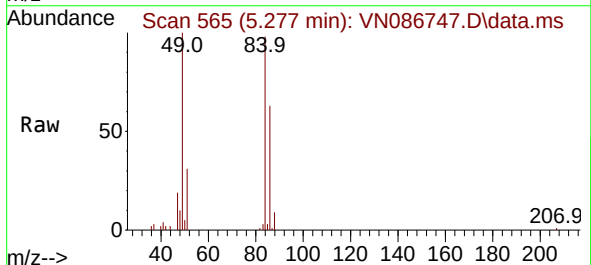
Manual Integrations
APPROVED

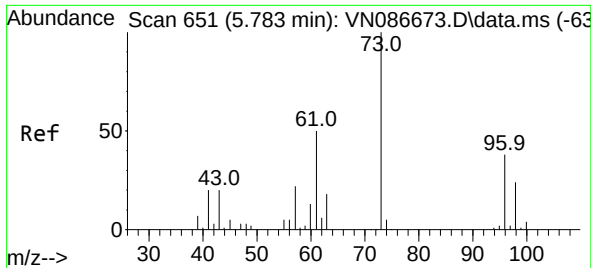
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 15.559 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

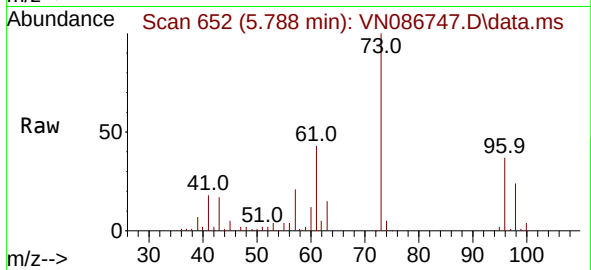
Tgt Ion: 84 Resp: 58413
Ion Ratio Lower Upper
84 100
49 101.6 88.8 133.2
51 31.8 27.8 41.6
86 64.0 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 16.580 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

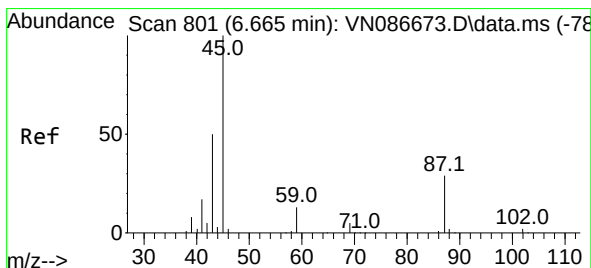
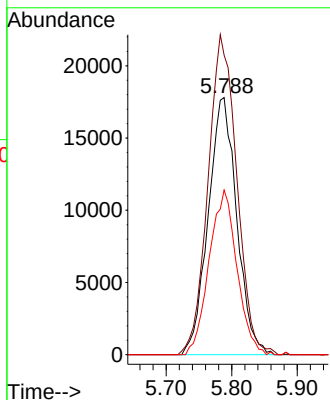
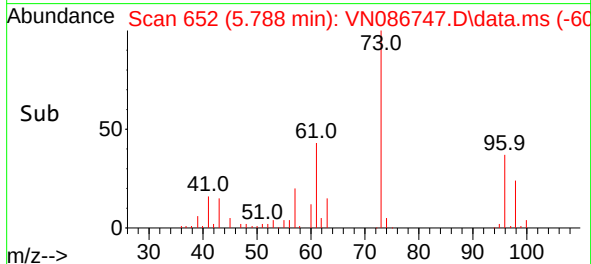
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 96 Resp: 5381
Ion Ratio Lower Upper
96 100
61 116.5 105.7 158.5
98 64.0 51.0 76.6

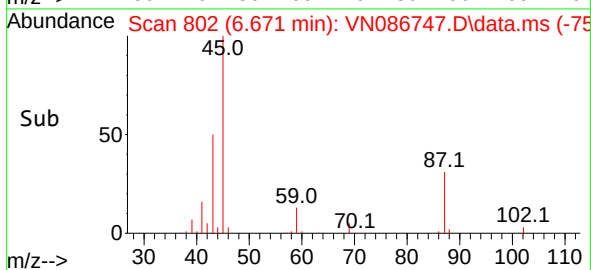
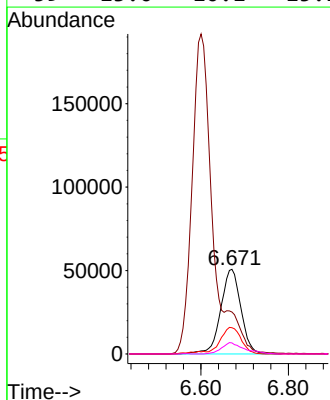
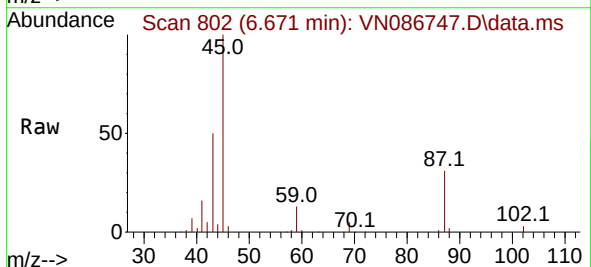
Manual Integrations
APPROVED

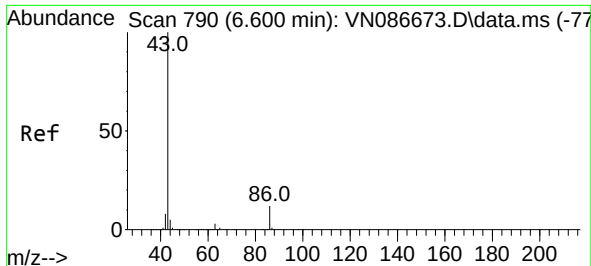
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 15.489 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

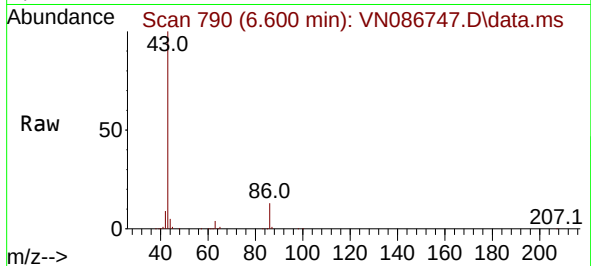
Tgt Ion: 45 Resp: 162378
Ion Ratio Lower Upper
45 100
43 48.6 41.4 62.2
87 30.9 22.9 34.3
59 13.0 10.1 15.1





#23
 Vinyl Acetate
 Concen: 72.171 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086747.D
 Acq: 21 May 2025 21:30

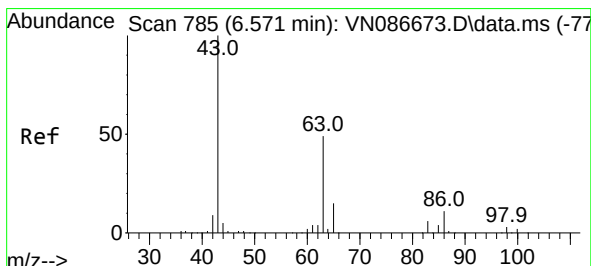
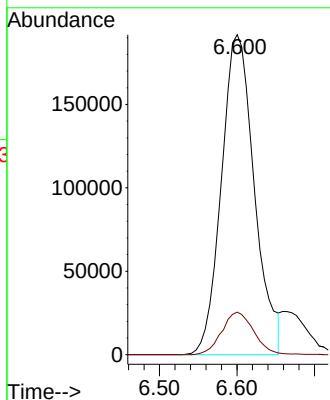
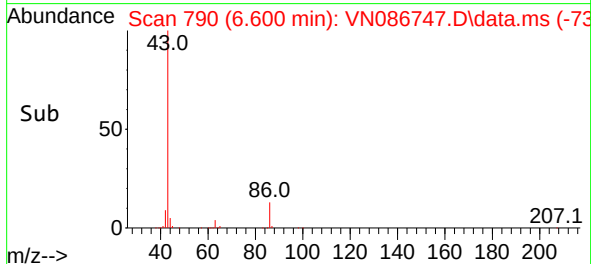
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBSD01



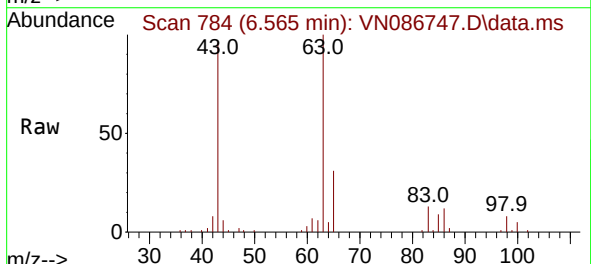
Tgt Ion: 43 Resp: 568629
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.5 14.3

Manual Integrations
 APPROVED

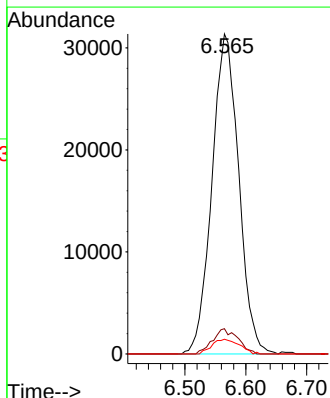
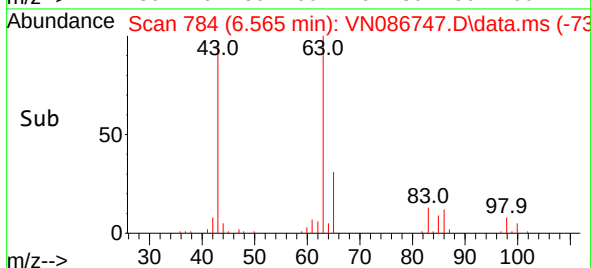
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

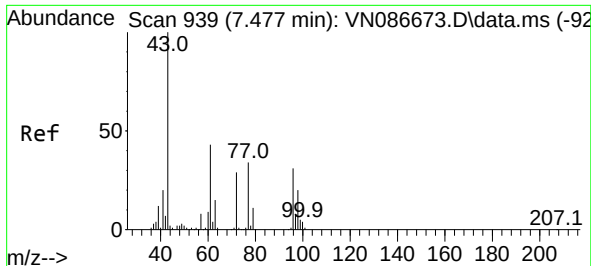


#24
 1,1-Dichloroethane
 Concen: 15.556 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086747.D
 Acq: 21 May 2025 21:30



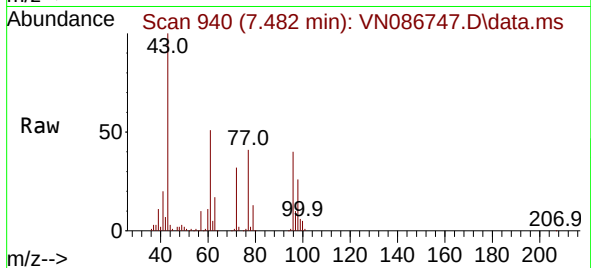
Tgt Ion: 63 Resp: 95746
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.4 10.2
 100 4.6 2.4 7.1





#25
2-Butanone
Concen: 72.259 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

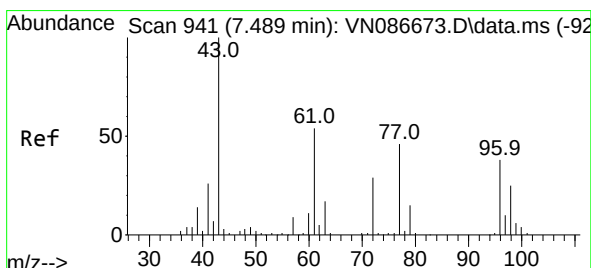
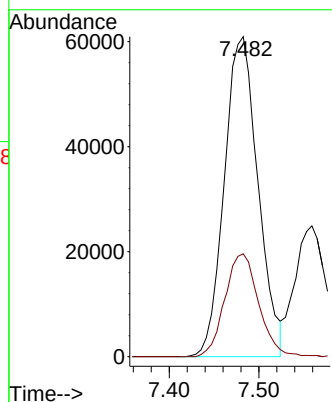
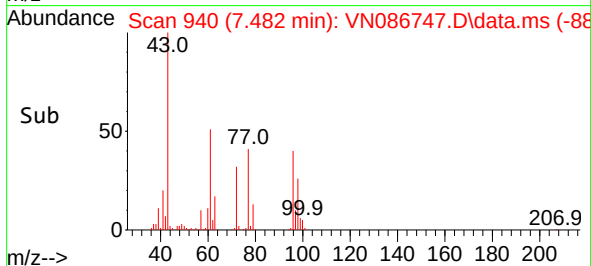
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 43 Resp: 158862
Ion Ratio Lower Upper
43 100
72 32.2 23.1 34.7

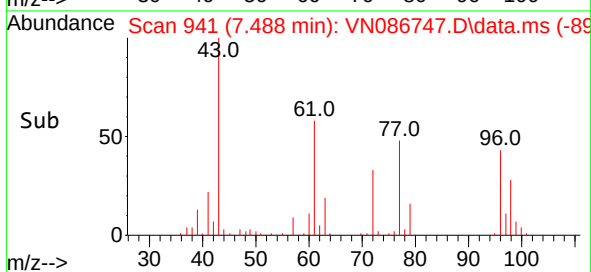
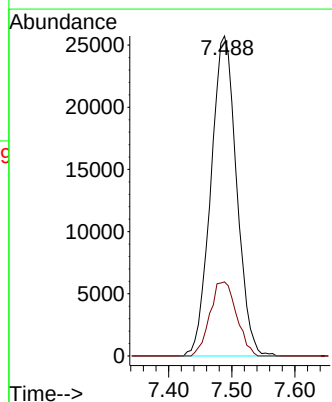
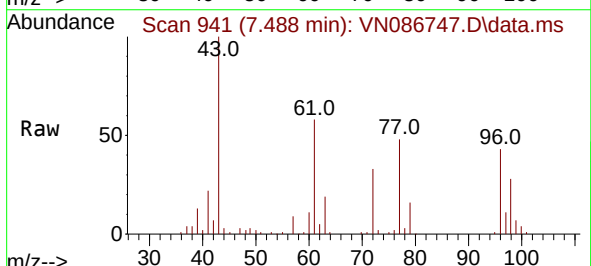
Manual Integrations
APPROVED

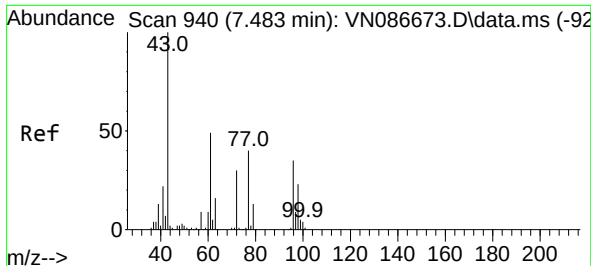
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#26
2,2-Dichloropropane
Concen: 14.345 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

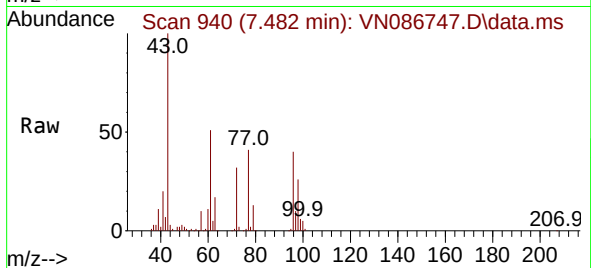
Tgt Ion: 77 Resp: 72861
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7





#27
cis-1,2-Dichloroethene
Concen: 16.334 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

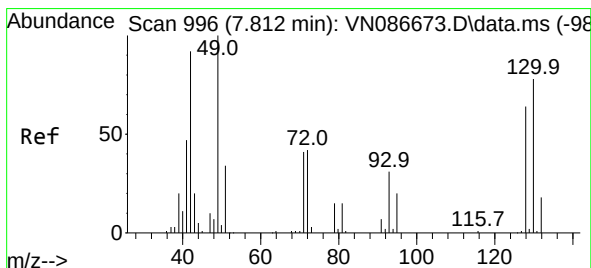
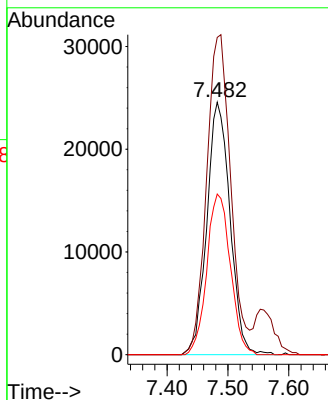
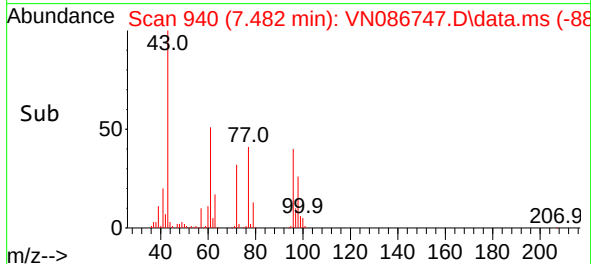
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 96 Resp: 65078
Ion Ratio Lower Upper
96 100
61 131.3 0.0 277.4
98 64.5 0.0 129.6

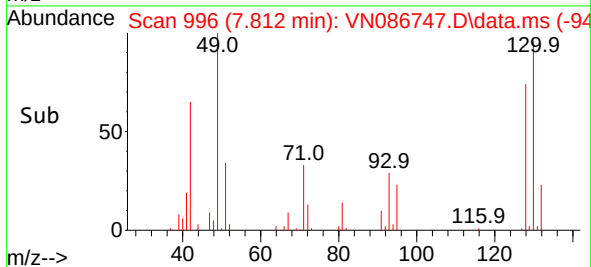
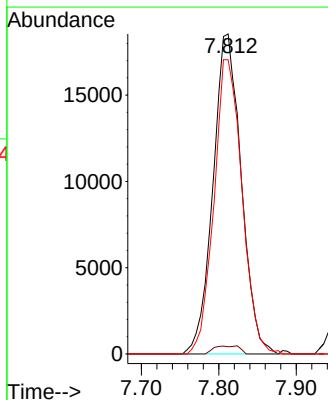
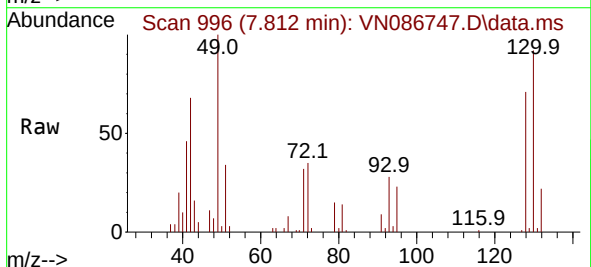
Manual Integrations
APPROVED

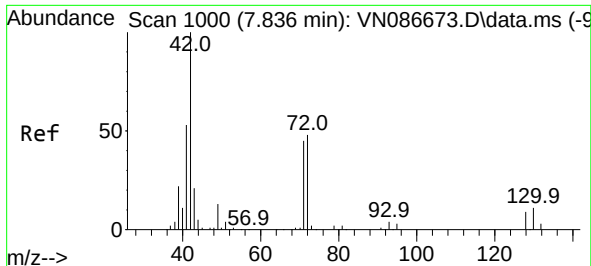
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#28
Bromochloromethane
Concen: 16.792 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion: 49 Resp: 46959
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 91.3 62.2 93.4





#29

Tetrahydrofuran

Concen: 73.855 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

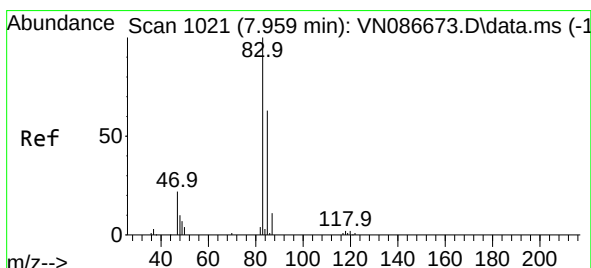
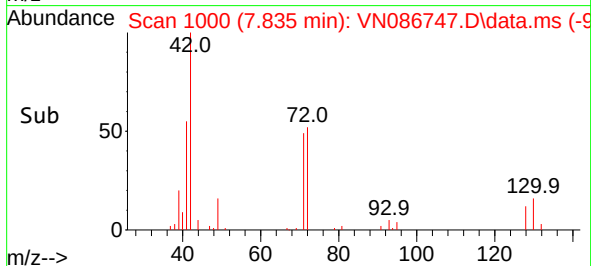
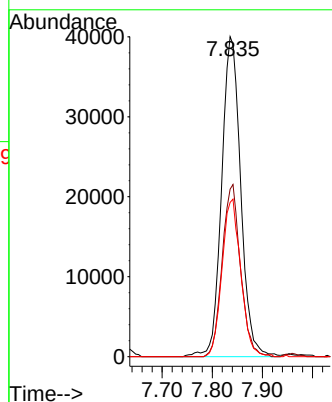
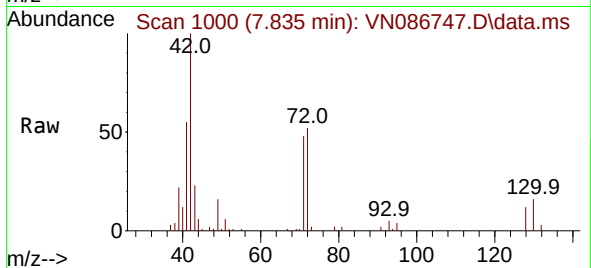
Tgt Ion:	42	Resp:	105982
Ion Ratio	Lower	Upper	
42	100		
72	51.6	38.7	58.1
71	48.4	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#30

Chloroform

Concen: 15.710 ug/l

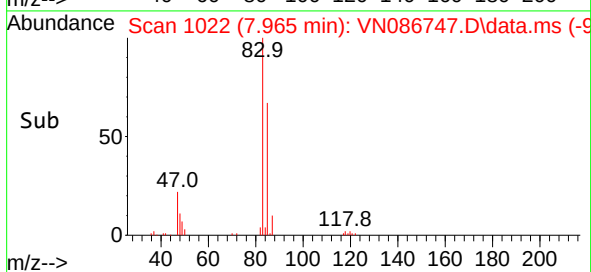
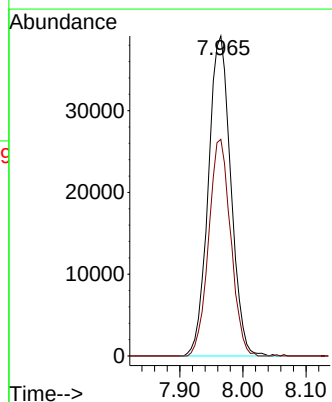
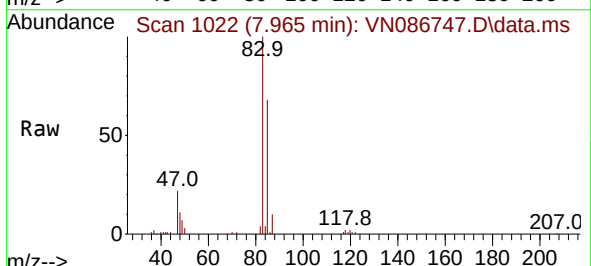
RT: 7.965 min Scan# 1022

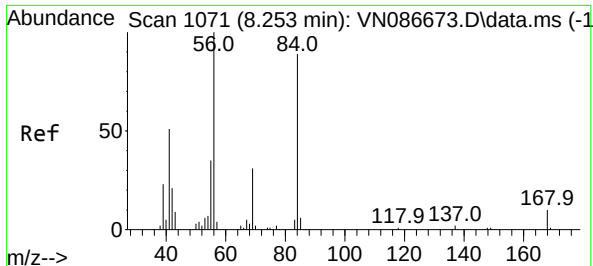
Delta R.T. 0.006 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

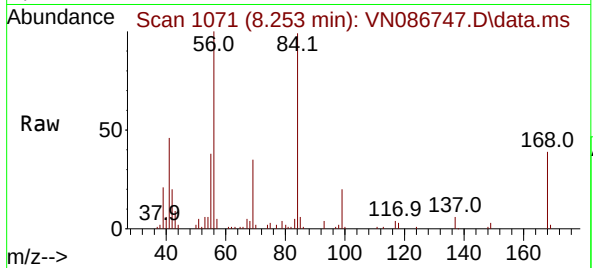
Tgt Ion:	83	Resp:	96782
Ion Ratio	Lower	Upper	
83	100		
85	67.7	50.2	75.4





#31
Cyclohexane
Concen: 15.276 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

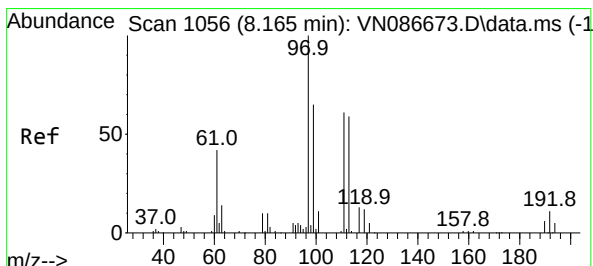
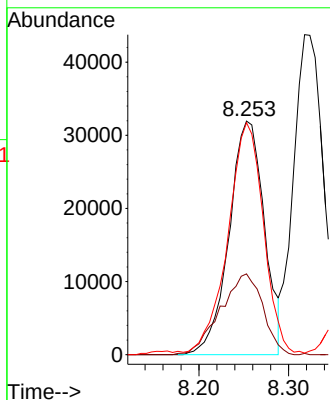
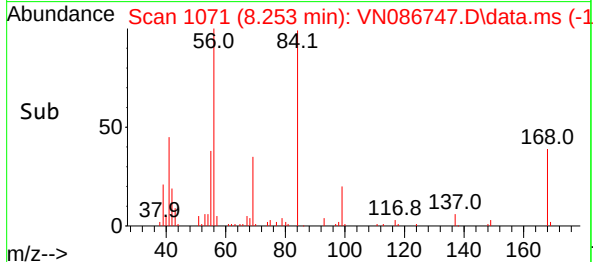
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



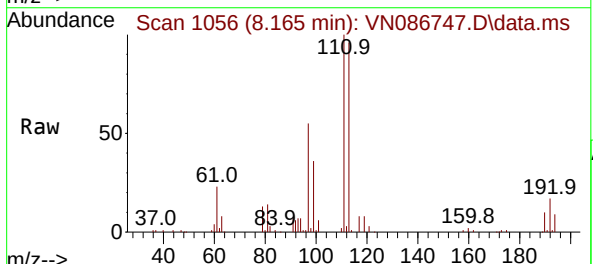
Tgt Ion: 56 Resp: 87198
Ion Ratio Lower Upper
56 100
69 34.1 25.0 37.6
84 97.9 71.0 106.4

Manual Integrations
APPROVED

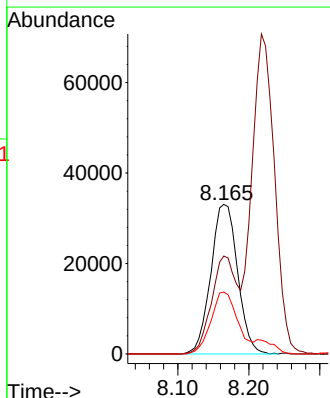
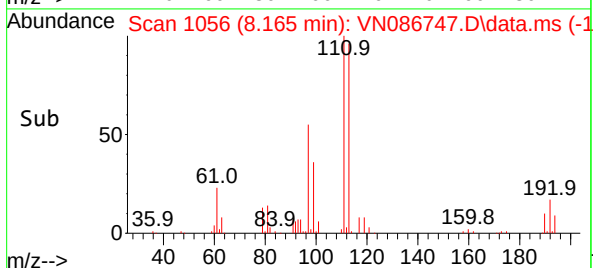
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

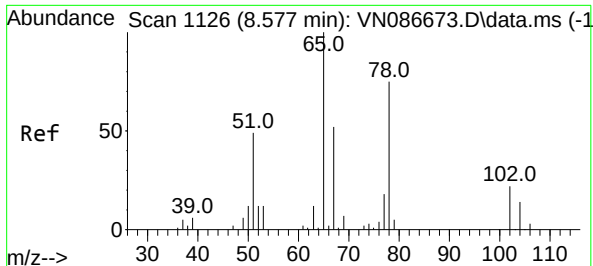


#32
1,1,1-Trichloroethane
Concen: 16.653 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



Tgt Ion: 97 Resp: 86498
Ion Ratio Lower Upper
97 100
99 62.7 52.6 79.0
61 41.6 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 42.170 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBS01

Tgt Ion: 65 Resp: 16038

Ion Ratio Lower Upper

65 100

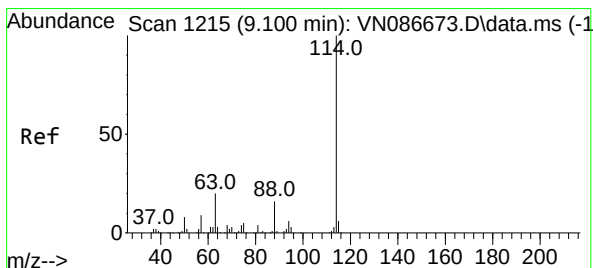
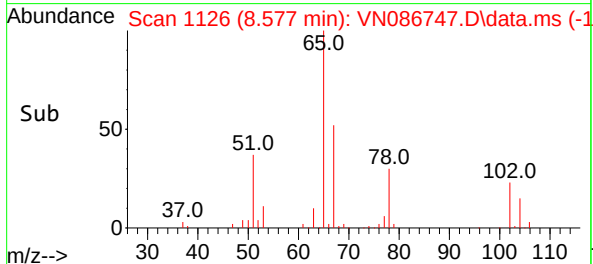
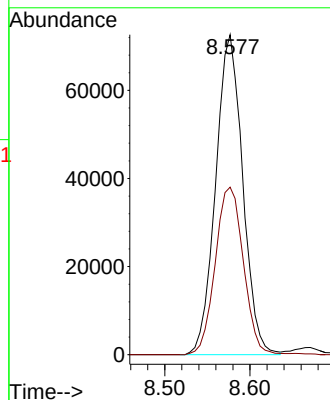
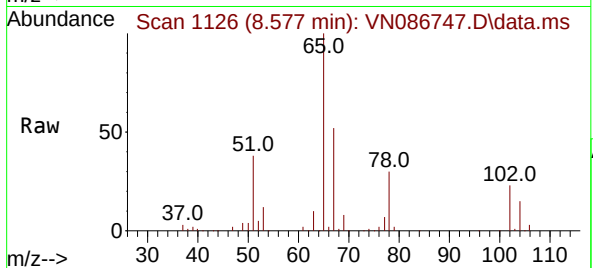
67 54.7 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

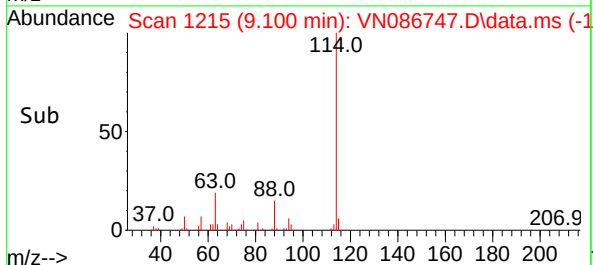
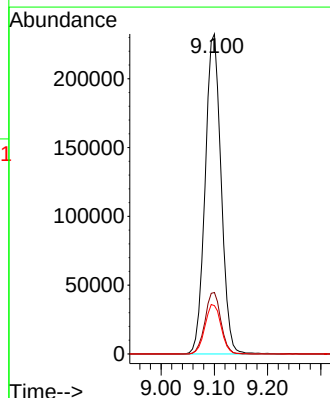
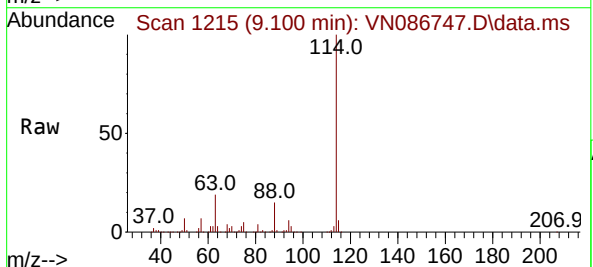
Tgt Ion:114 Resp: 481961

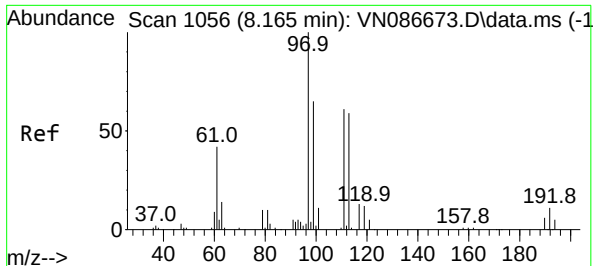
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.053 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBSD01

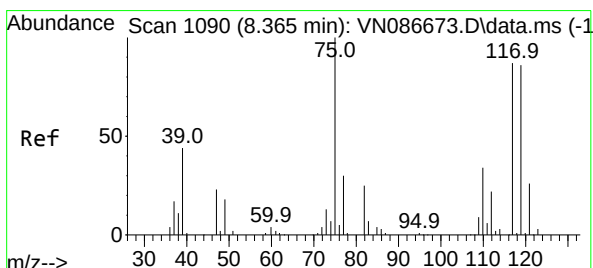
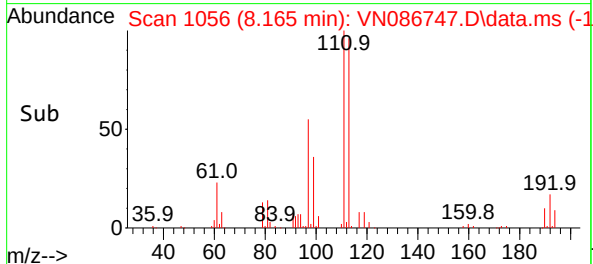
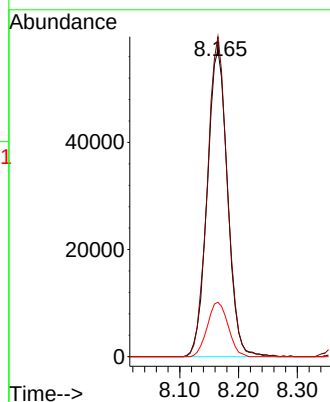
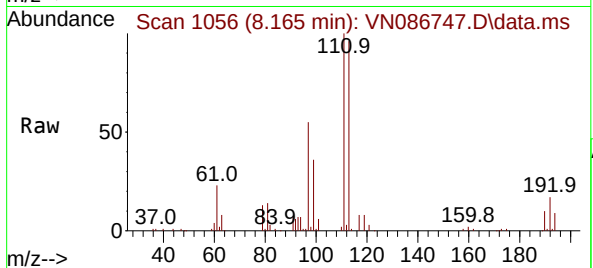
Tgt Ion:	113	Resp:	13792
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.2
192	18.1	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#36

1,1-Dichloropropene

Concen: 16.540 ug/l

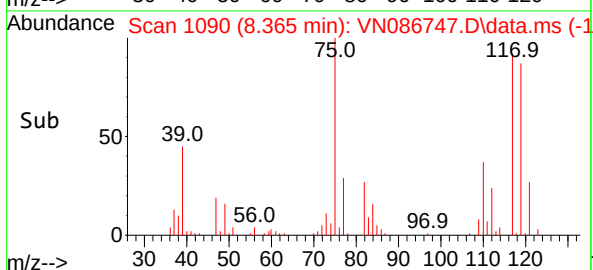
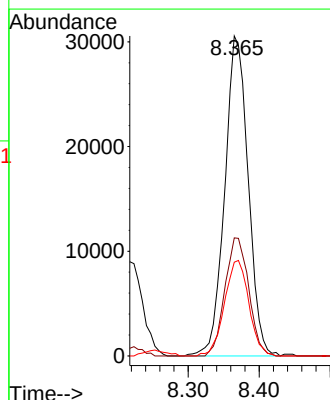
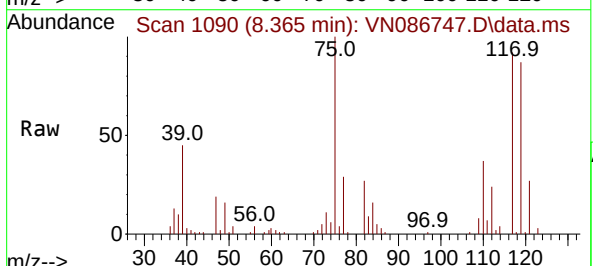
RT: 8.365 min Scan# 1090

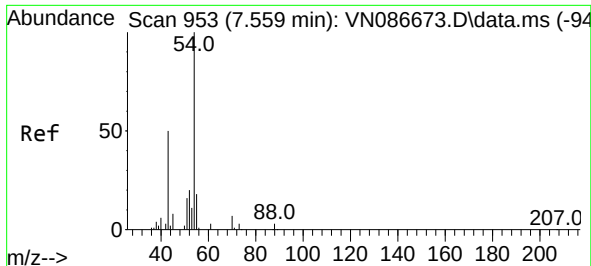
Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

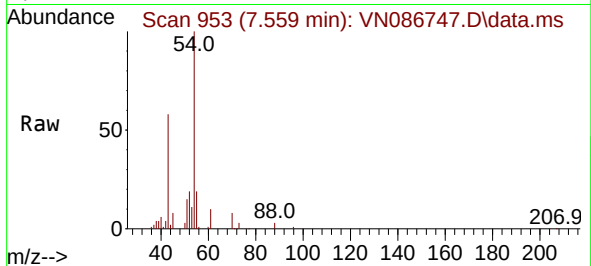
Tgt Ion:	75	Resp:	70028
Ion	Ratio	Lower	Upper
75	100		
110	37.5	17.5	52.5
77	31.2	25.1	37.7





#37
Ethyl Acetate
Concen: 14.744 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

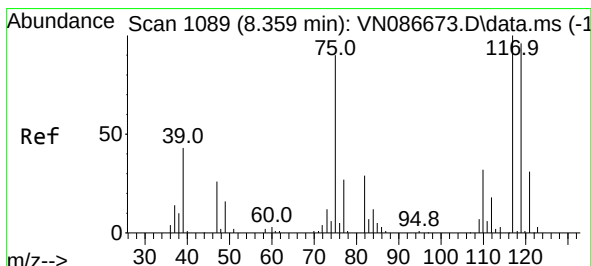
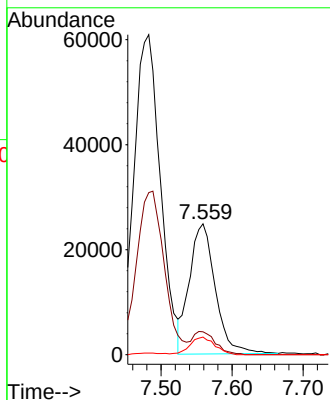
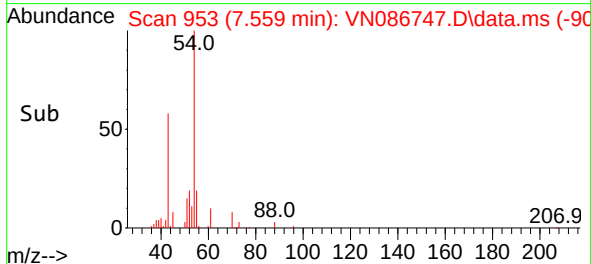
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 43 Resp: 63058
Ion Ratio Lower Upper
43 100
61 16.0 11.6 17.4
70 12.9 9.4 14.0

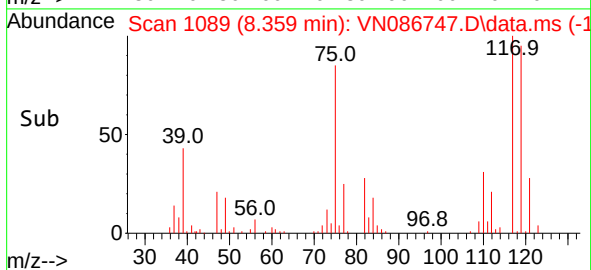
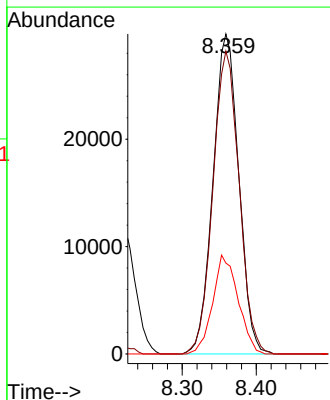
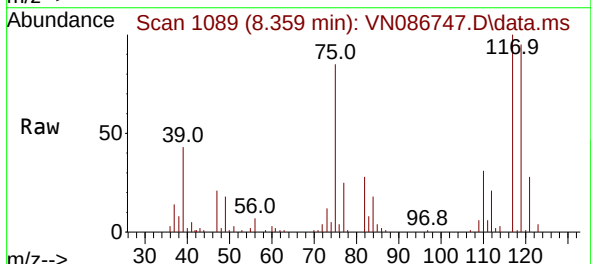
Manual Integrations
APPROVED

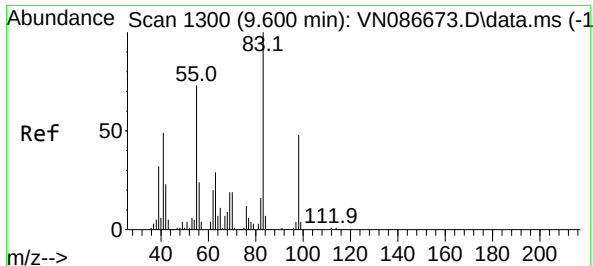
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#38
Carbon Tetrachloride
Concen: 17.218 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

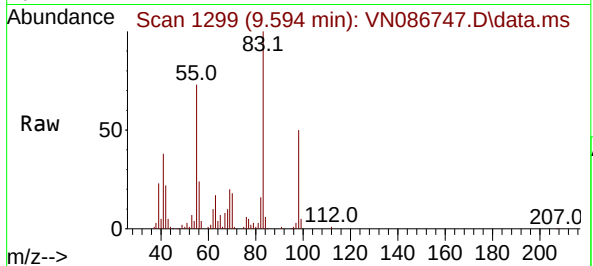
Tgt Ion:117 Resp: 71824
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6
121 28.4 25.0 37.6





#39
Methylcyclohexane
Concen: 17.210 ug/l
RT: 9.594 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

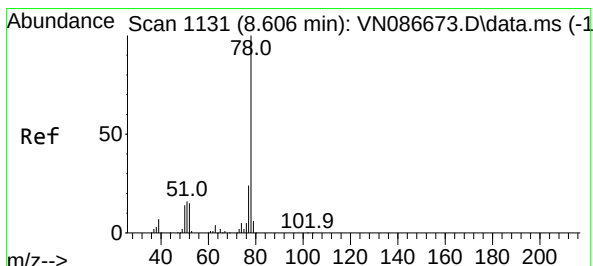
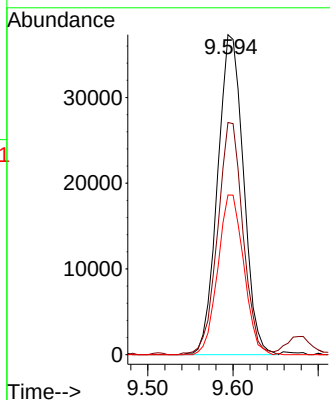
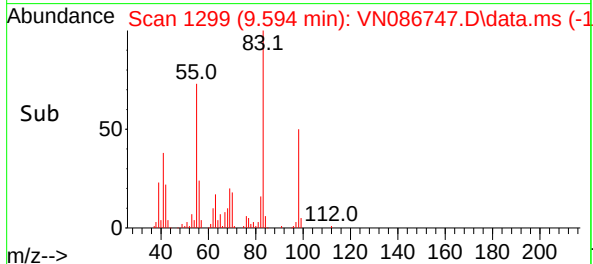
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 83 Resp: 78862
Ion Ratio Lower Upper
83 100
55 72.5 58.2 87.4
98 49.9 38.4 57.6

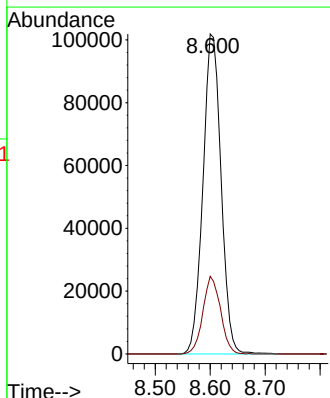
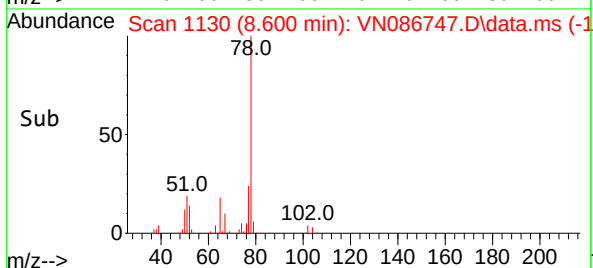
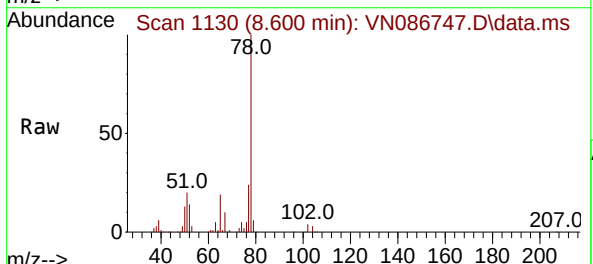
Manual Integrations
APPROVED

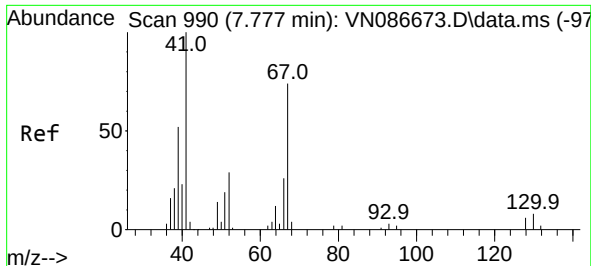
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#40
Benzene
Concen: 16.898 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

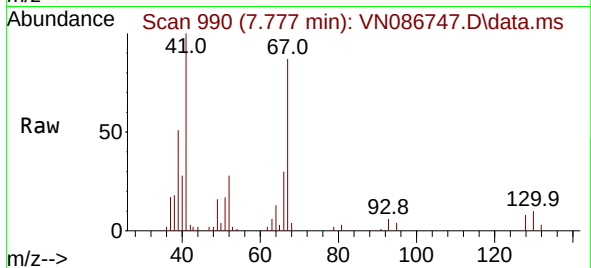
Tgt Ion: 78 Resp: 233387
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7





#41
Methacrylonitrile
Concen: 14.967 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

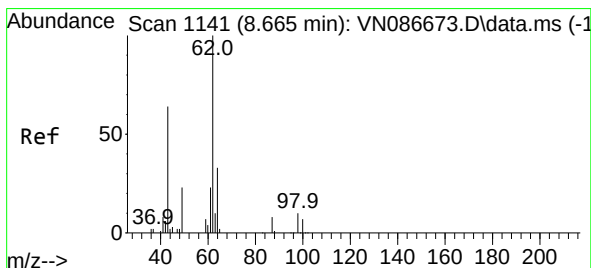
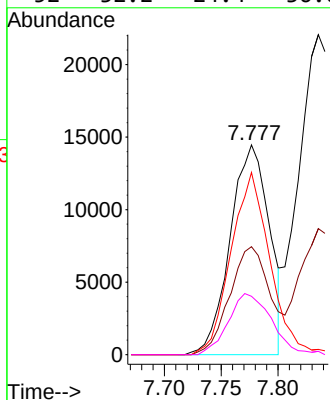
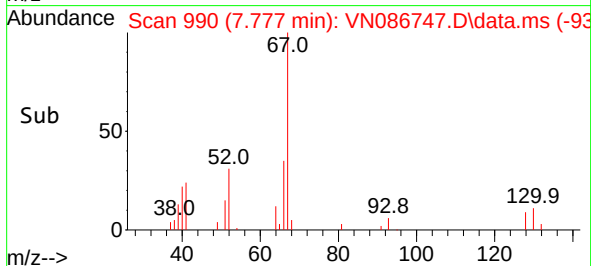
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion:	41	Resp:	3456
Ion Ratio	100	Lower	Upper
39	54.3	44.9	67.3
67	87.0	63.4	95.0
52	32.2	24.4	36.6

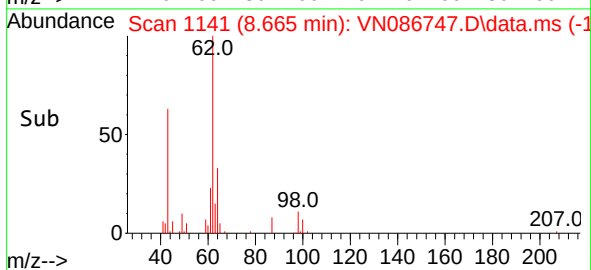
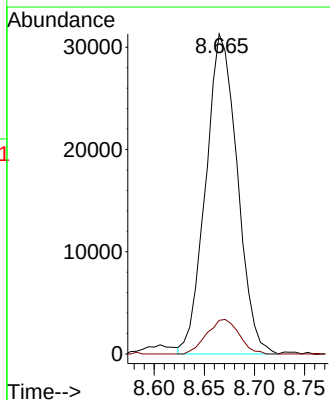
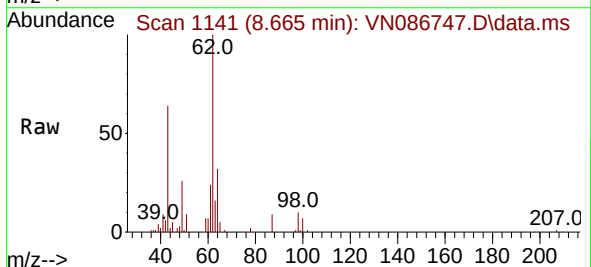
Manual Integrations
APPROVED

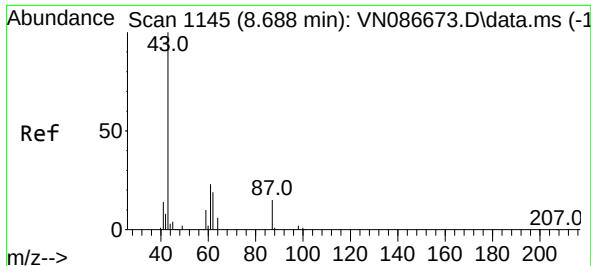
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#42
1,2-Dichloroethane
Concen: 15.927 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion:	62	Resp:	68532
Ion Ratio	100	Lower	Upper
98	11.0	0.0	19.2





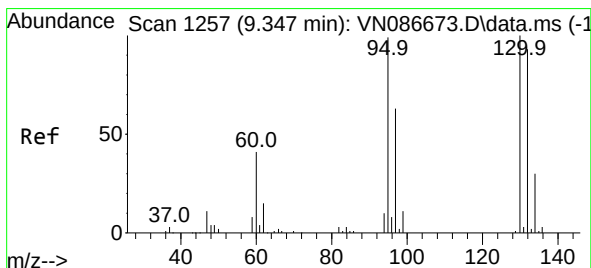
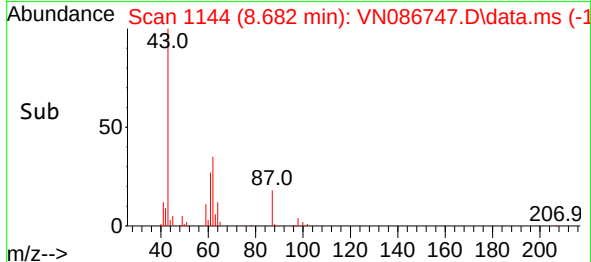
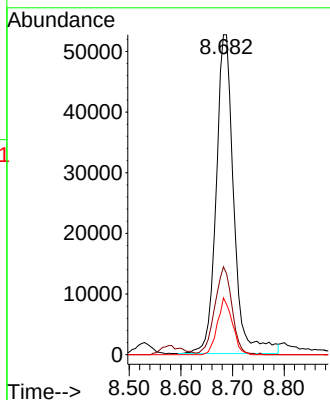
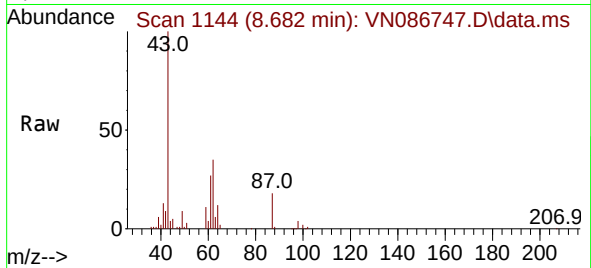
#43
Isopropyl Acetate
Concen: 14.545 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion: 43 Resp: 12470
Ion Ratio Lower Upper
43 100
61 26.9 21.4 32.2
87 15.0 11.1 16.7

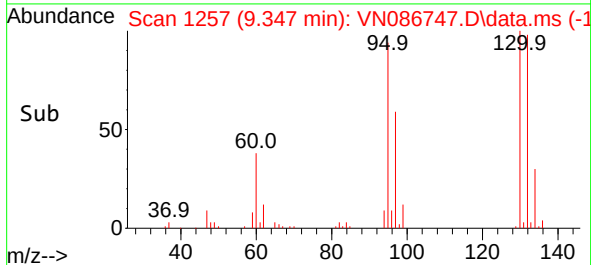
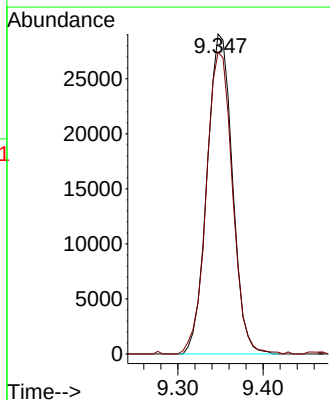
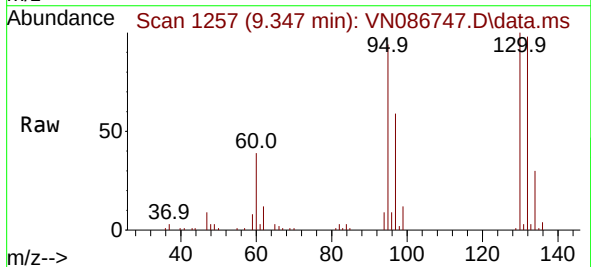
Manual Integrations
APPROVED

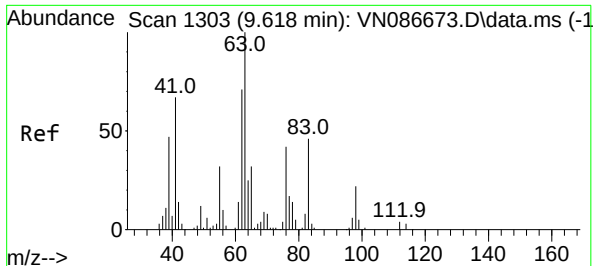
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#44
Trichloroethene
Concen: 18.049 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion:130 Resp: 60125
Ion Ratio Lower Upper
130 100
95 94.3 0.0 197.0





#45

1,2-Dichloropropane

Concen: 16.770 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBSD01

Tgt Ion: 63 Resp: 5502

Ion Ratio Lower Upper

63 100

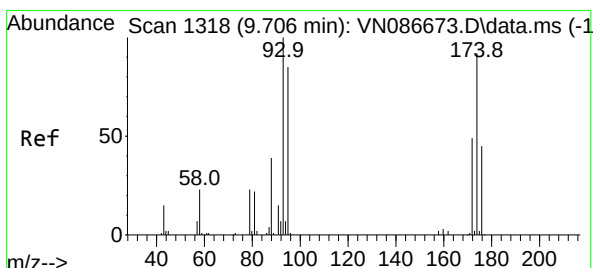
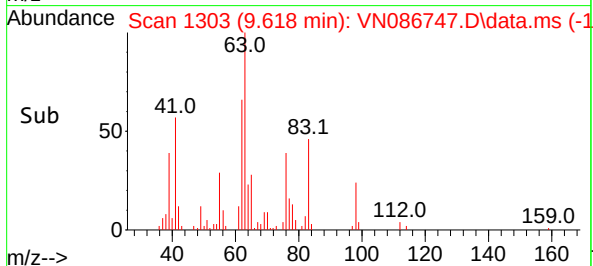
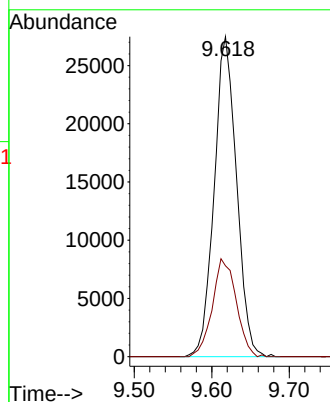
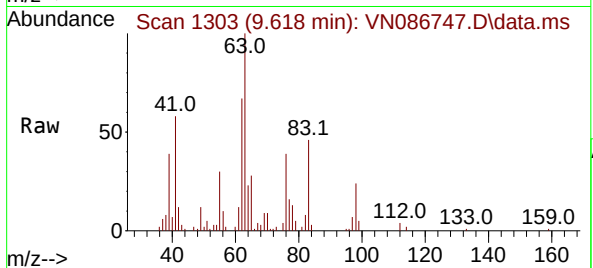
65 28.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#46

Dibromomethane

Concen: 17.169 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

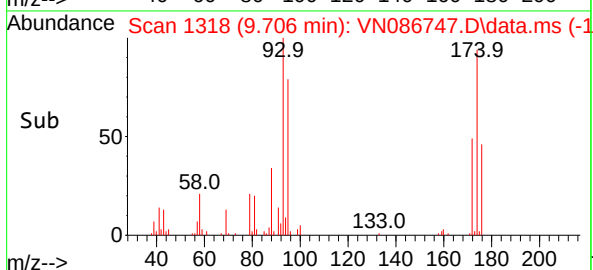
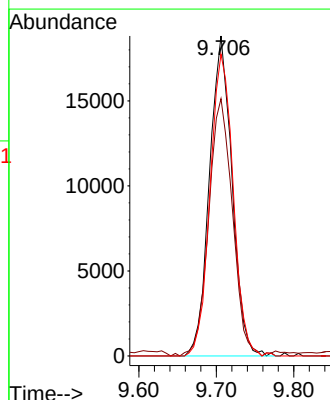
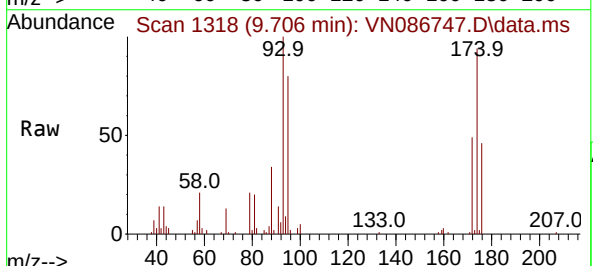
Tgt Ion: 93 Resp: 38010

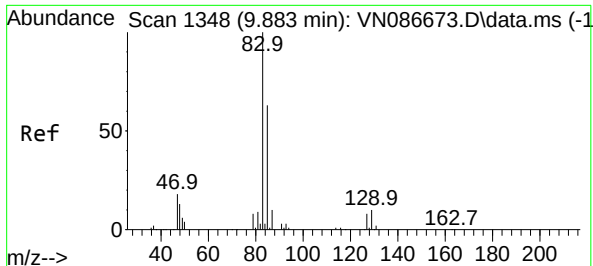
Ion Ratio Lower Upper

93 100

95 84.6 67.1 100.7

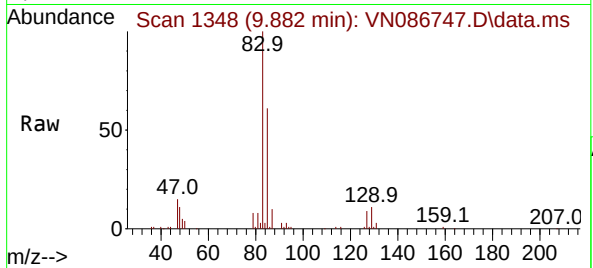
174 96.3 73.8 110.6





#47
Bromodichloromethane
Concen: 16.914 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

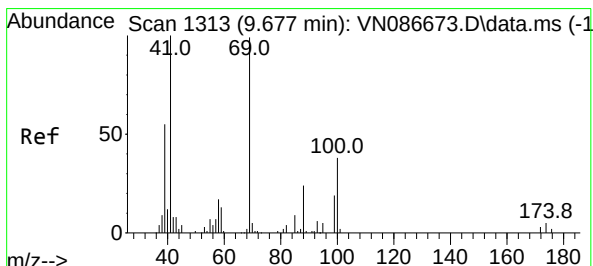
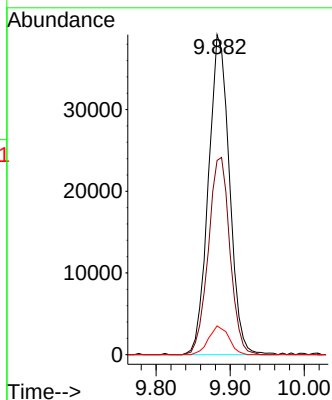
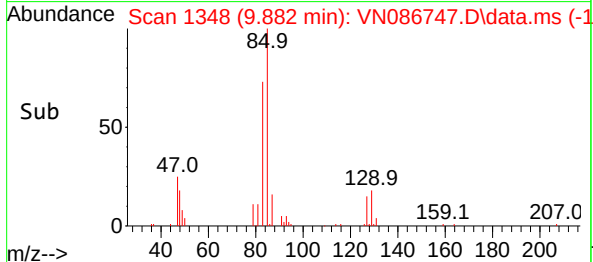
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



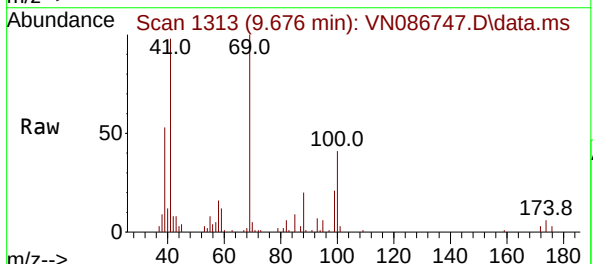
Tgt Ion: 83 Resp: 77152
Ion Ratio Lower Upper
83 100
85 60.7 50.1 75.1
127 9.0 6.2 9.4

Manual Integrations
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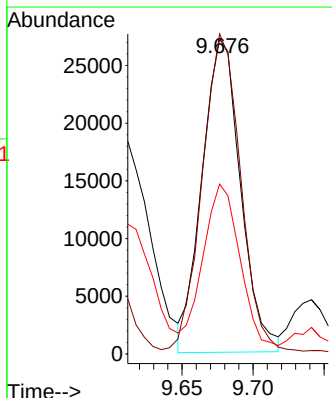
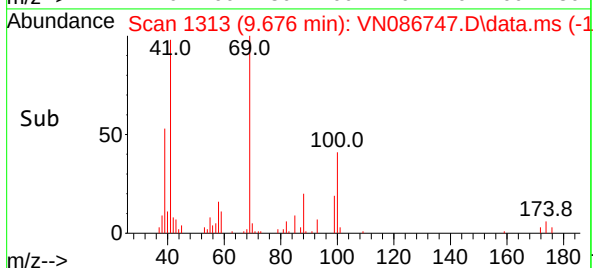
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

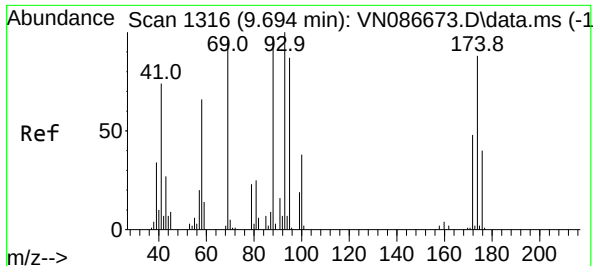


#48
Methyl methacrylate
Concen: 15.433 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



Tgt Ion: 41 Resp: 51273
Ion Ratio Lower Upper
41 100
69 100.5 74.1 111.1
39 54.1 44.1 66.1





#49

1,4-Dioxane

Concen: 318.929 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBSD01

Tgt Ion: 88 Resp: 22430

Ion Ratio Lower Upper

88 100

43 22.9 23.6 35.4

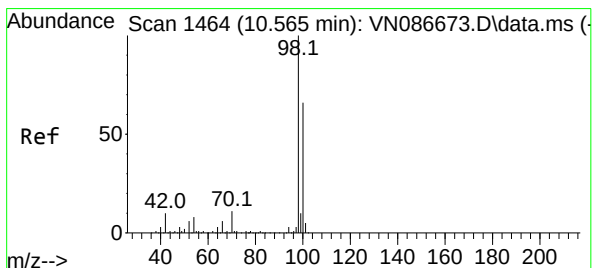
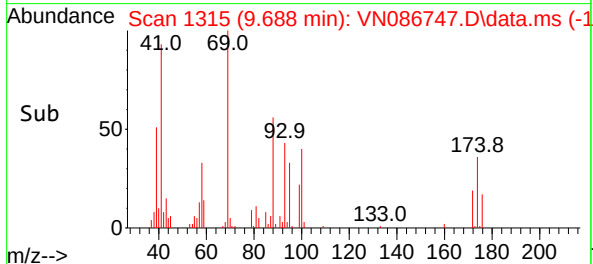
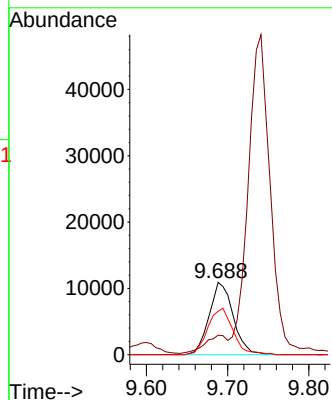
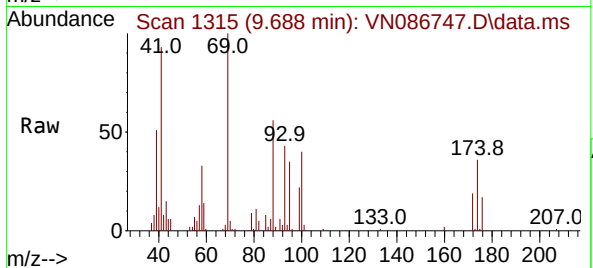
58 67.2 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#50

Toluene-d8

Concen: 48.618 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086747.D

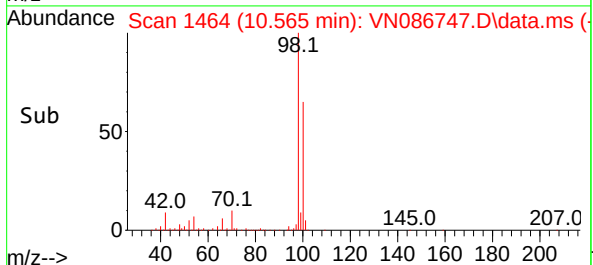
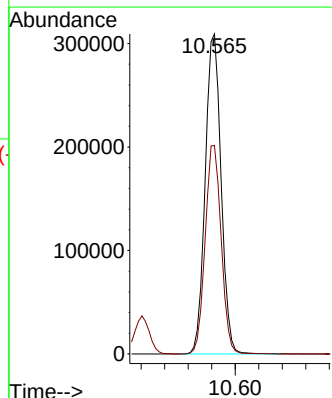
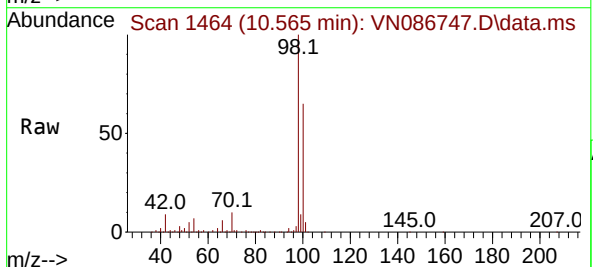
Acq: 21 May 2025 21:30

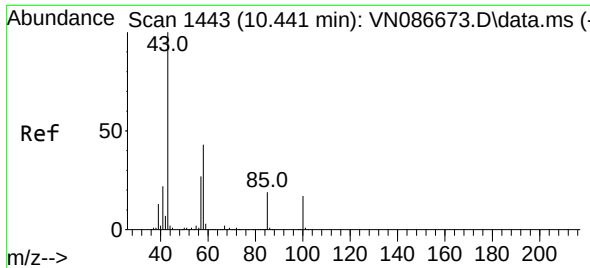
Tgt Ion: 98 Resp: 578294

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





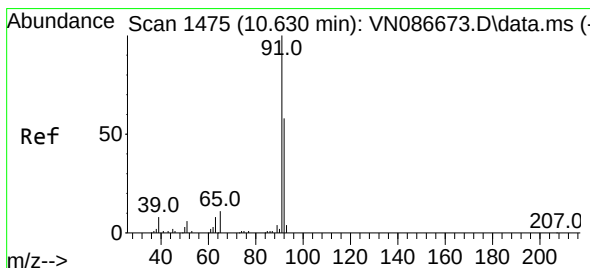
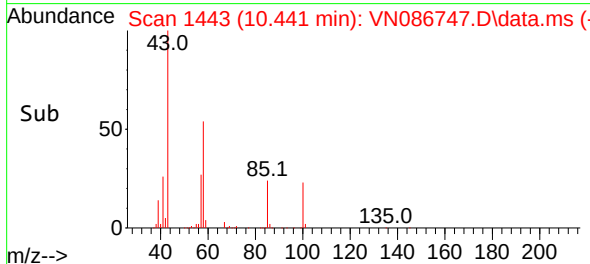
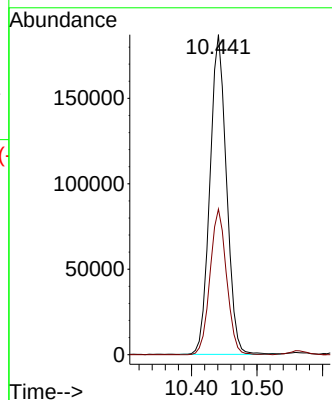
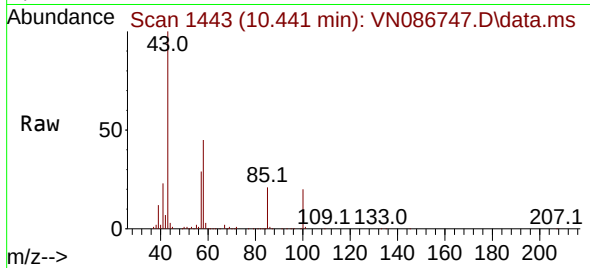
#51
4-Methyl-2-Pentanone
Concen: 75.946 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion: 43 Resp: 328350
Ion Ratio Lower Upper
43 100
58 45.4 33.9 50.9

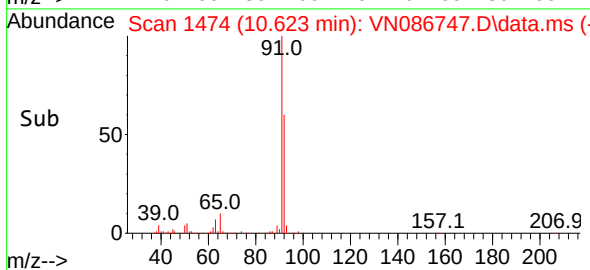
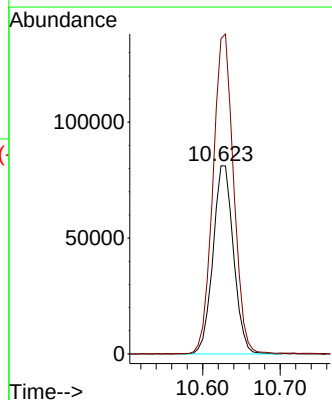
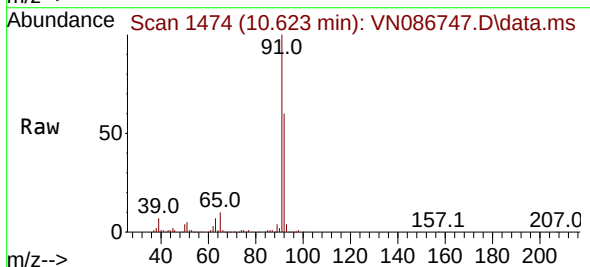
Manual Integrations
APPROVED

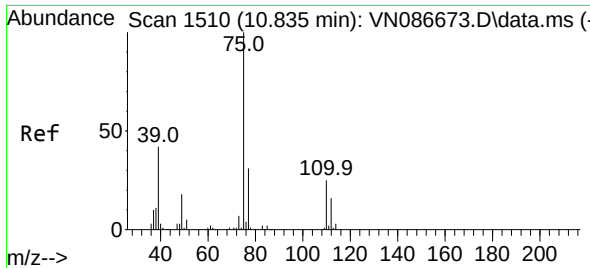
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 17.375 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion: 92 Resp: 149146
Ion Ratio Lower Upper
92 100
91 171.6 137.8 206.8





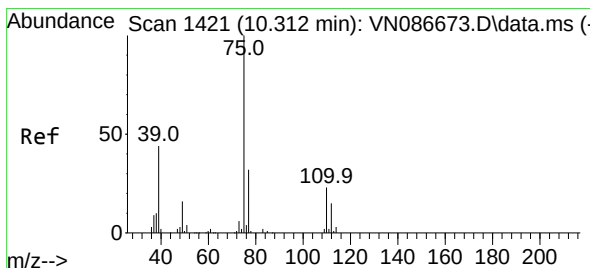
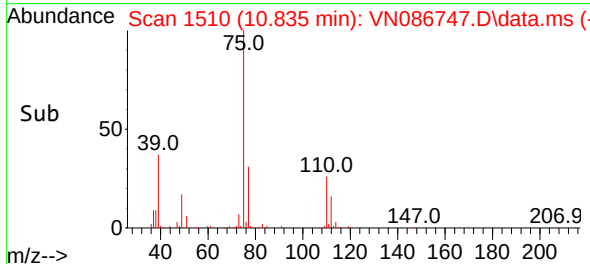
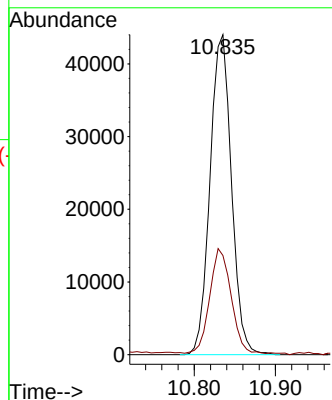
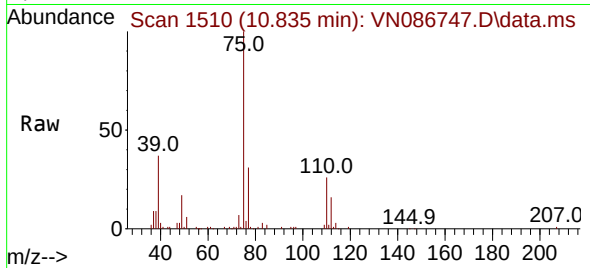
#53
t-1,3-Dichloropropene
Concen: 16.718 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion: 75 Resp: 8074
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8

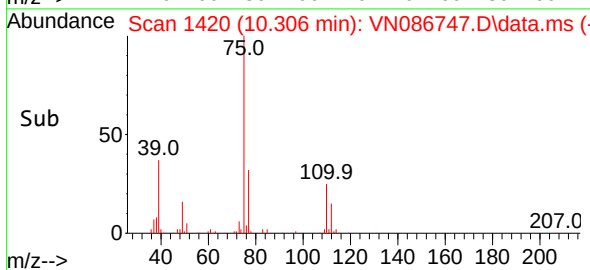
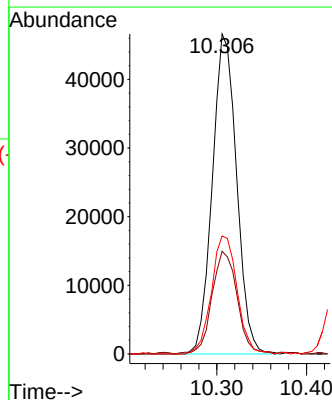
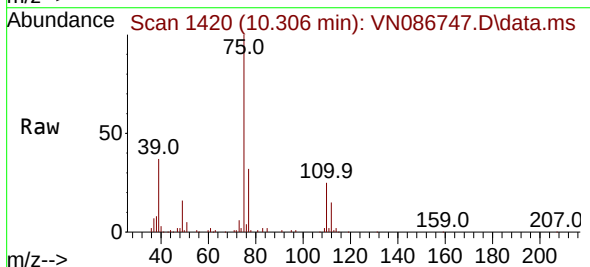
Manual Integrations
APPROVED

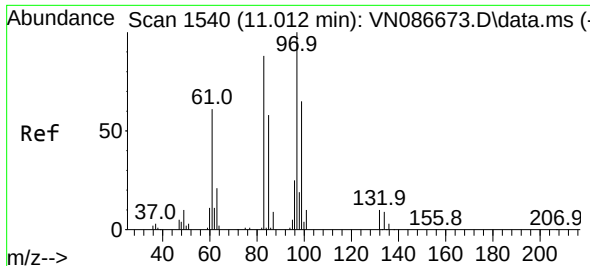
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#54
cis-1,3-Dichloropropene
Concen: 16.598 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

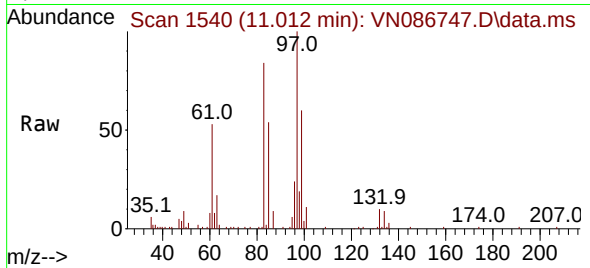
Tgt Ion: 75 Resp: 87507
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 36.9 35.2 52.8





#55
 1,1,2-Trichloroethane
 Concen: 16.883 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086747.D
 Acq: 21 May 2025 21:30

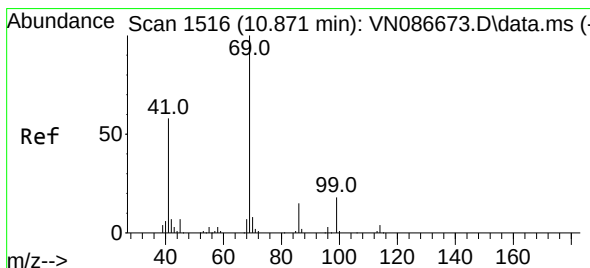
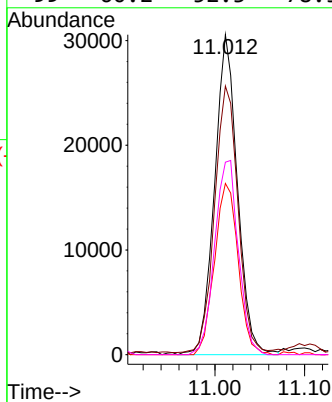
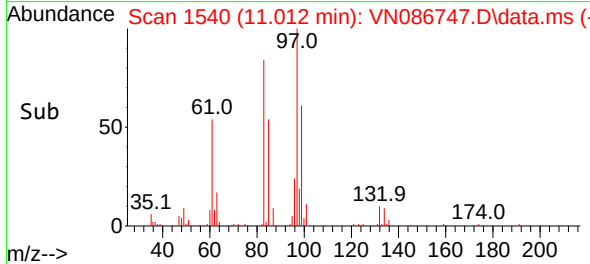
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBSD01



Tgt Ion:	97	Resp:	54060
Ion	Ratio	Lower	Upper
97	100		
83	83.3	70.4	105.6
85	53.5	46.1	69.1
99	60.2	52.3	78.5

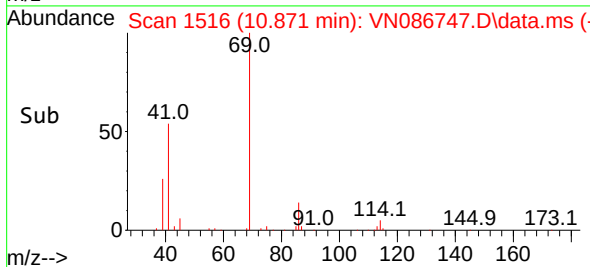
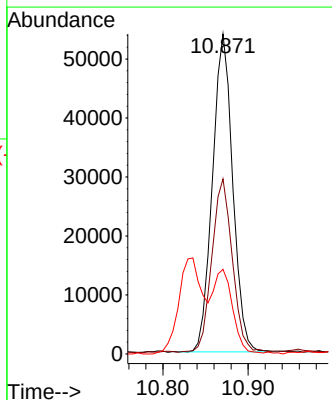
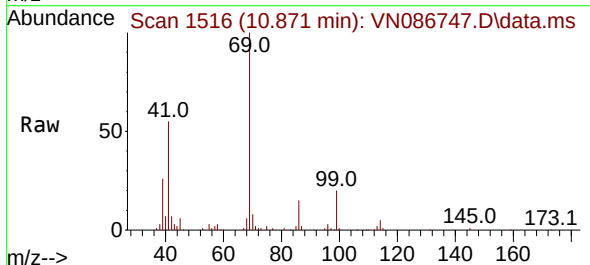
Manual Integrations
 APPROVED

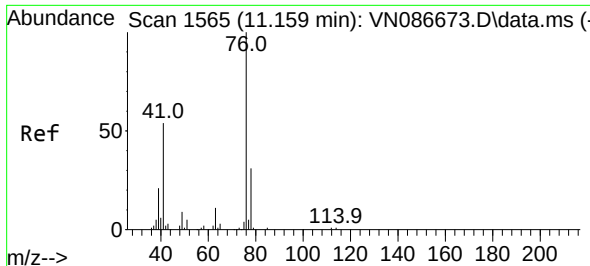
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#56
 Ethyl methacrylate
 Concen: 17.337 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. -0.000 min
 Lab File: VN086747.D
 Acq: 21 May 2025 21:30

Tgt Ion:	69	Resp:	89135
Ion	Ratio	Lower	Upper
69	100		
41	55.0	47.4	71.0
39	25.5	24.0	36.0





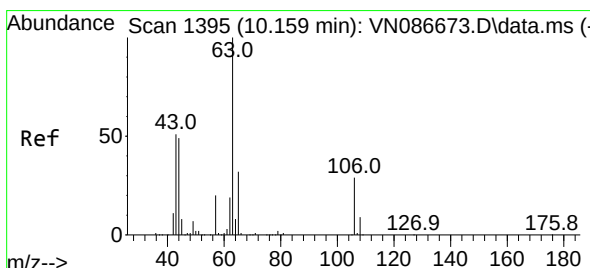
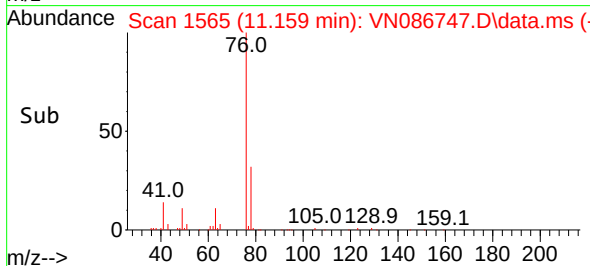
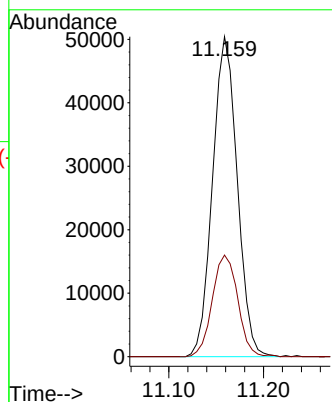
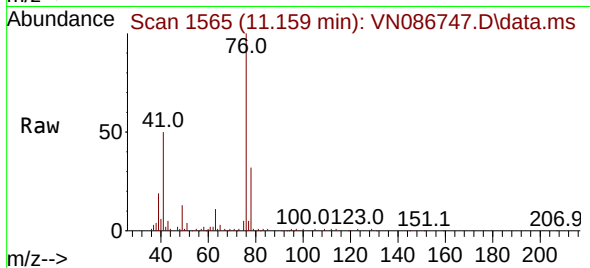
#57
1,3-Dichloropropane
Concen: 16.549 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion: 76 Resp: 91290
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8

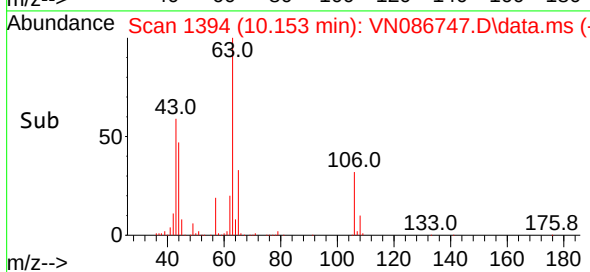
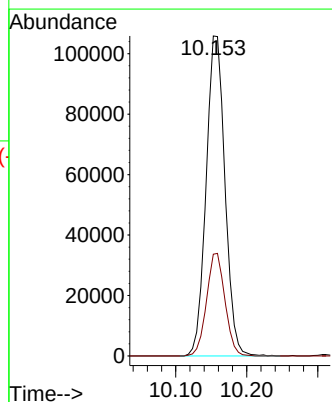
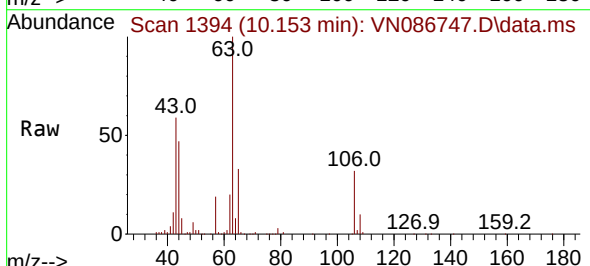
Manual Integrations
APPROVED

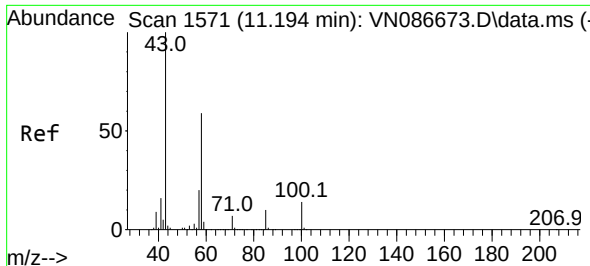
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 85.044 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

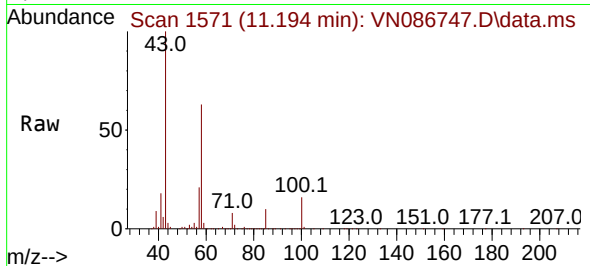
Tgt Ion: 63 Resp: 195413
Ion Ratio Lower Upper
63 100
106 31.3 23.1 34.7





#59
2-Hexanone
Concen: 76.626 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

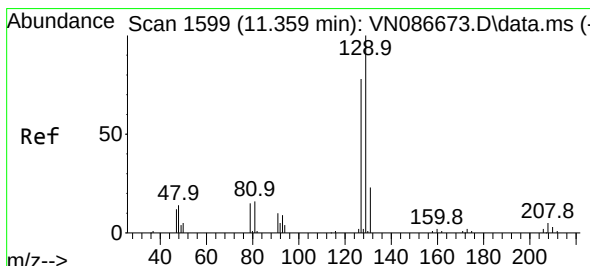
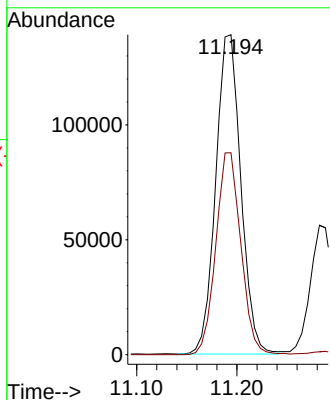
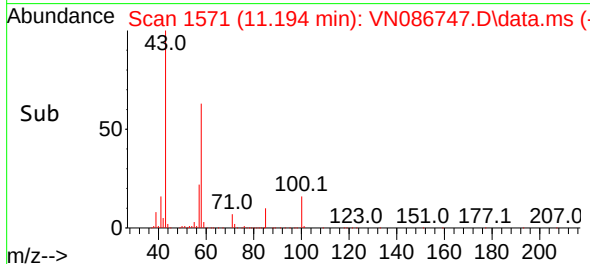
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 43 Resp: 24193
Ion Ratio Lower Upper
43 100
58 63.0 29.8 89.5

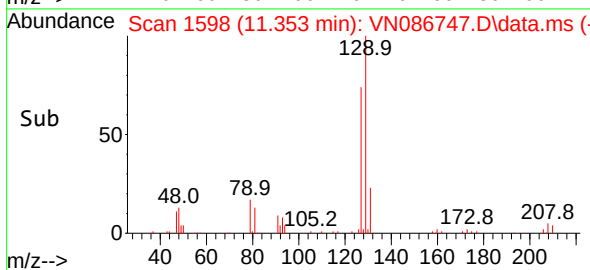
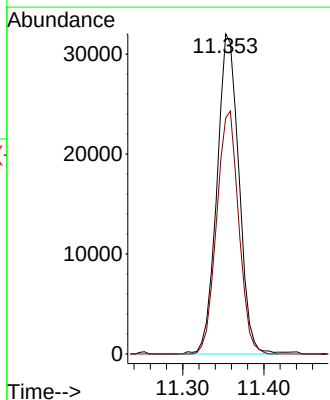
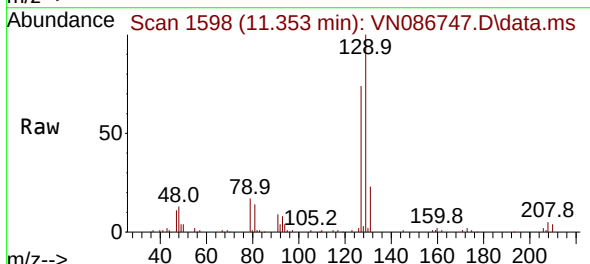
Manual Integrations
APPROVED

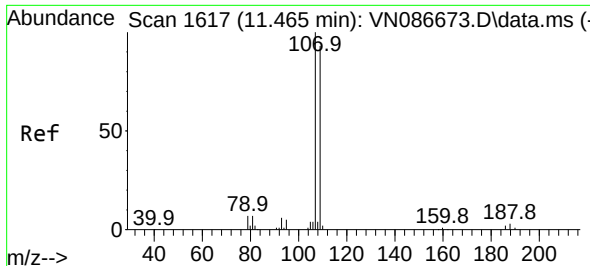
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#60
Dibromochloromethane
Concen: 17.950 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

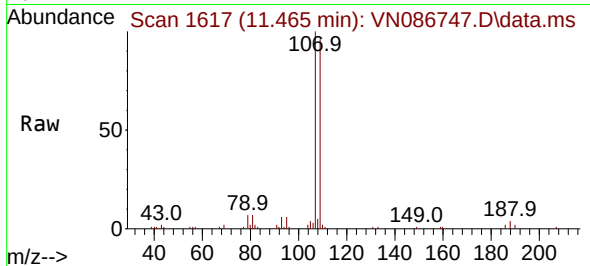
Tgt Ion:129 Resp: 60236
Ion Ratio Lower Upper
129 100
127 76.1 39.5 118.3





#61
1,2-Dibromoethane
Concen: 17.340 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

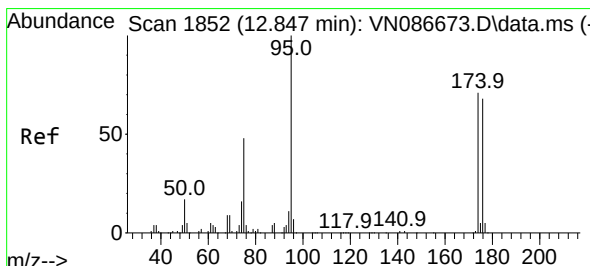
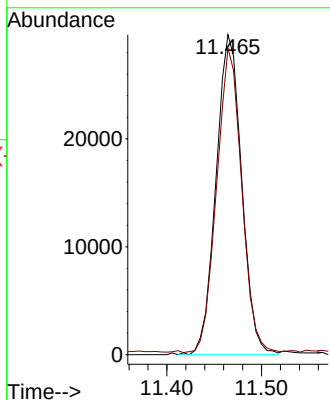
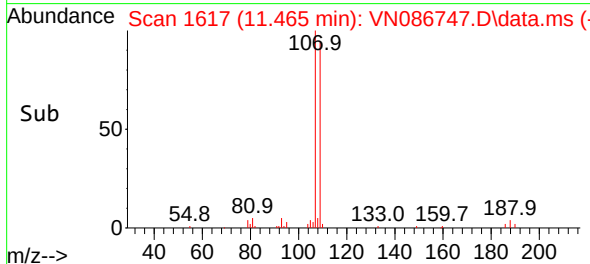
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



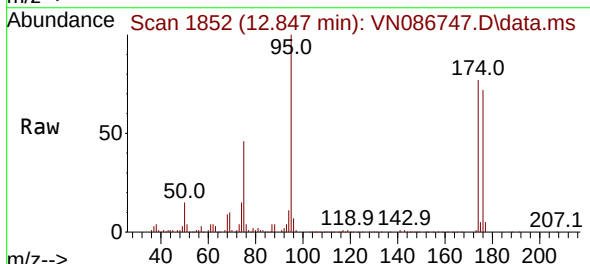
Tgt Ion:107 Resp: 55798
Ion Ratio Lower Upper
107 100
109 92.6 75.0 112.4

Manual Integrations
APPROVED

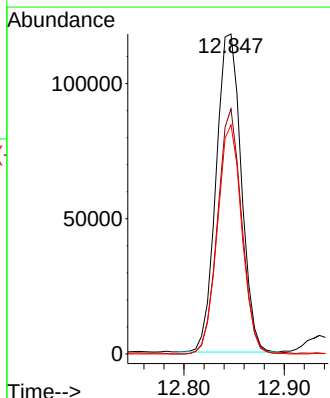
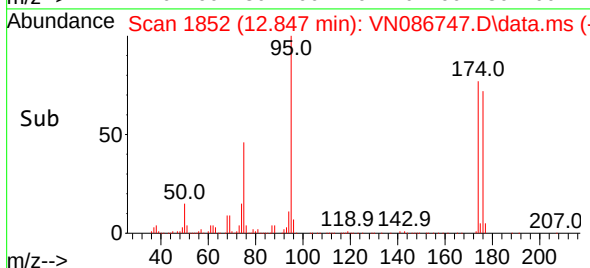
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

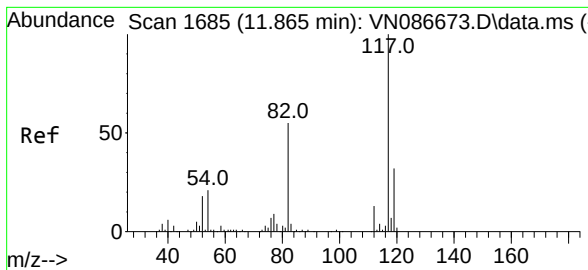


#62
4-Bromofluorobenzene
Concen: 48.745 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



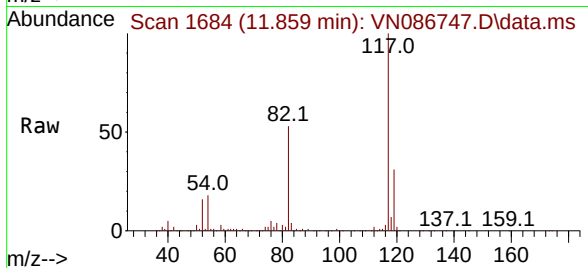
Tgt Ion: 95 Resp: 204726
Ion Ratio Lower Upper
95 100
174 73.8 0.0 145.4
176 70.3 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1184
Delta R.T. -0.006 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

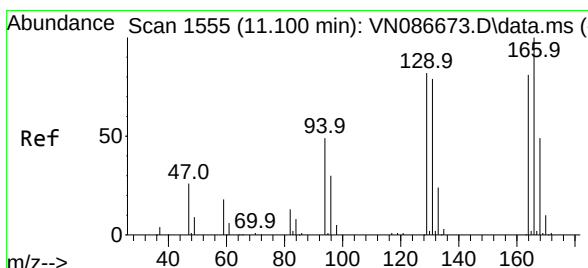
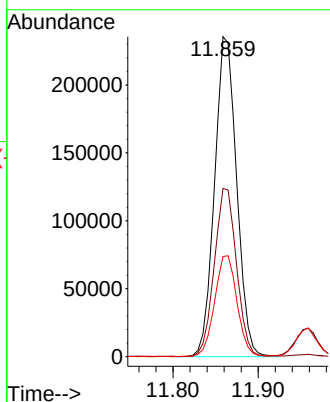
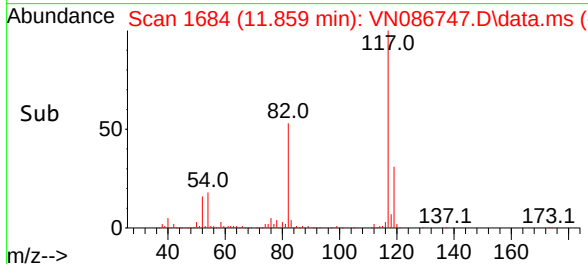
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



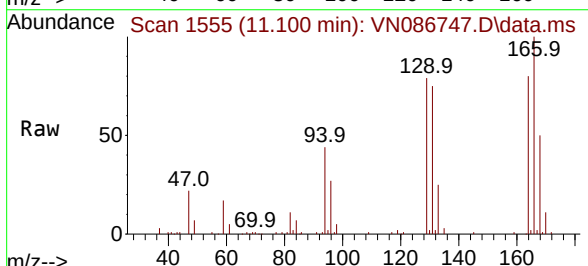
Tgt Ion:117 Resp: 424240
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 31.2 25.4 38.2

Manual Integrations
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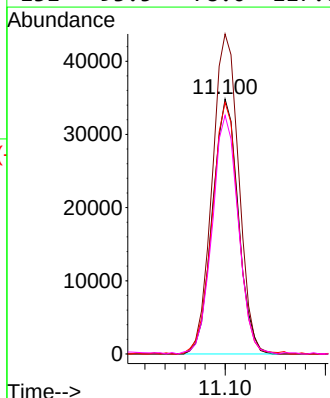
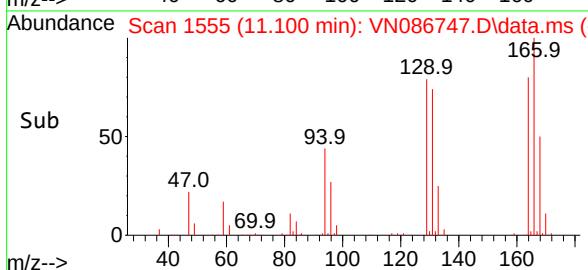
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

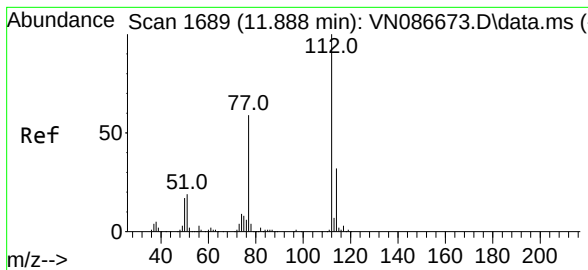


#64
Tetrachloroethene
Concen: 19.205 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



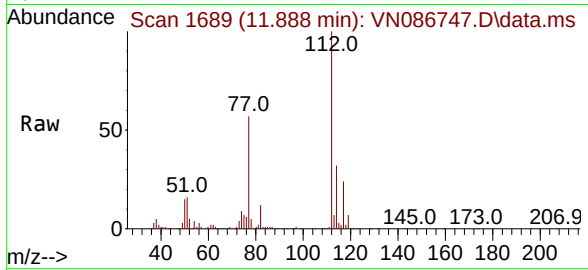
Tgt Ion:164 Resp: 62414
Ion Ratio Lower Upper
164 100
166 125.5 98.2 147.4
129 98.6 81.0 121.4
131 93.5 78.0 117.0





#65
Chlorobenzene
Concen: 17.704 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

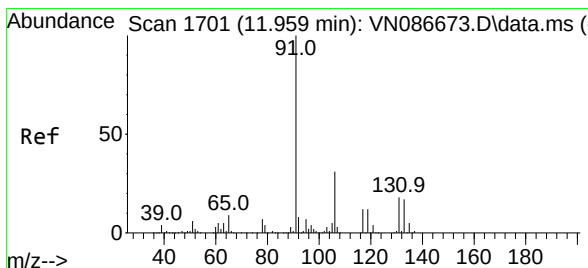
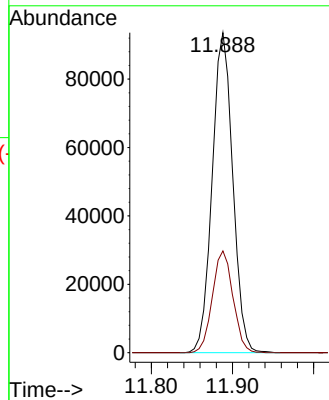
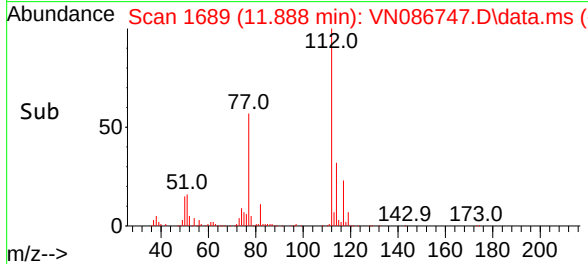
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



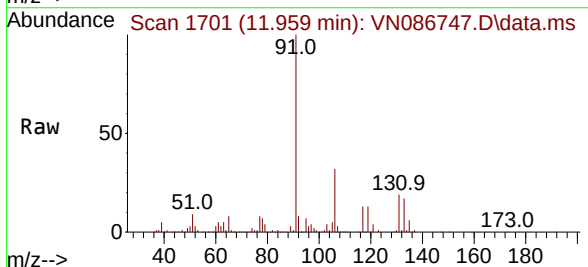
Tgt Ion:112 Resp: 16469
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9

Manual Integrations
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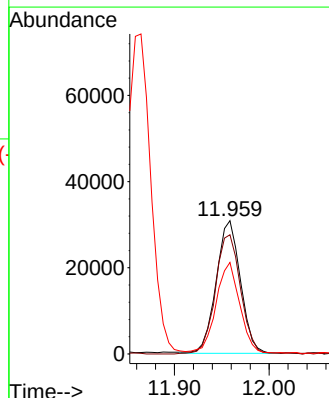
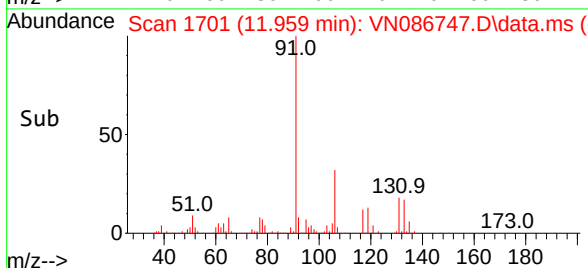
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

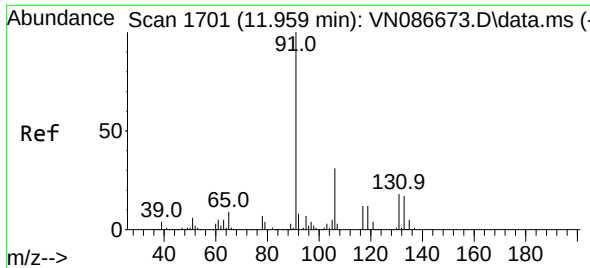


#66
1,1,1,2-Tetrachloroethane
Concen: 18.291 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



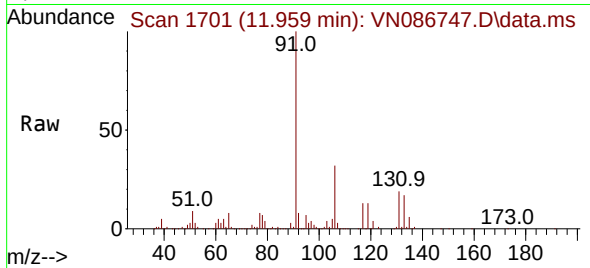
Tgt Ion:131 Resp: 54932
Ion Ratio Lower Upper
131 100
133 93.7 47.9 143.7
119 66.2 33.6 100.8





#67
Ethyl Benzene
Concen: 17.513 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

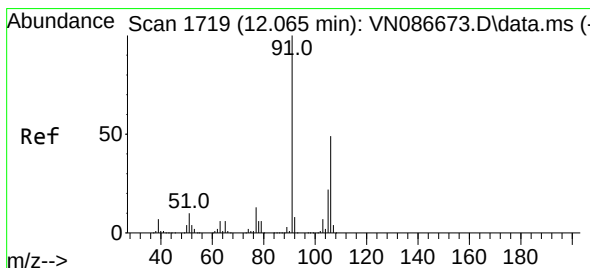
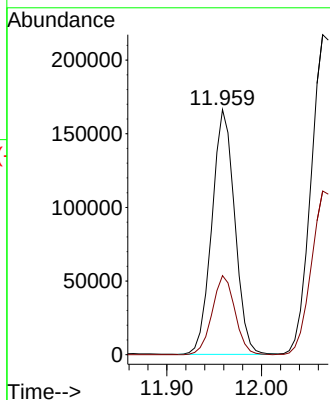
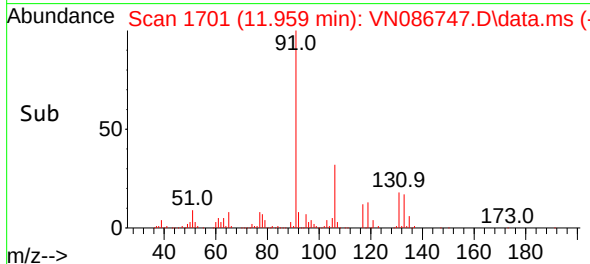
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 91 Resp: 279050
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

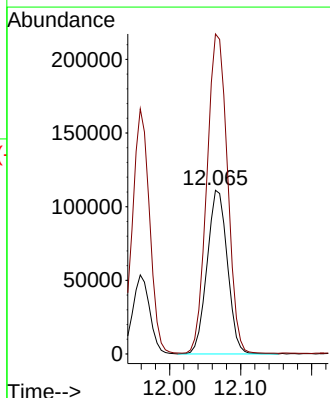
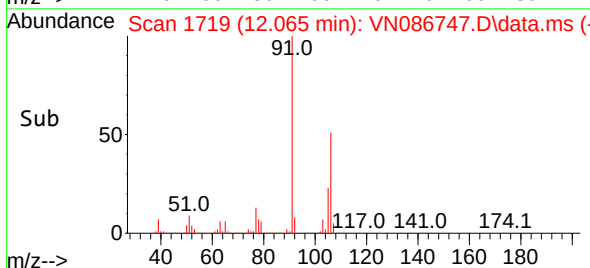
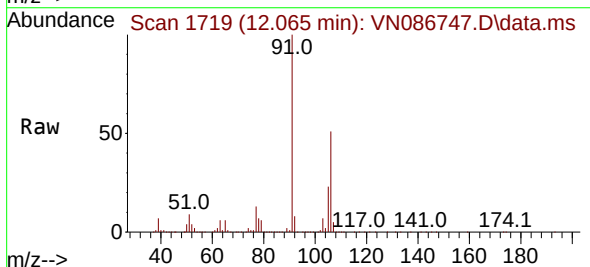
Manual Integrations
APPROVED

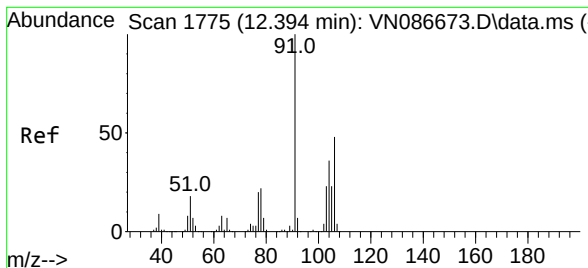
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#68
m/p-Xylenes
Concen: 36.581 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion:106 Resp: 220780
Ion Ratio Lower Upper
106 100
91 197.4 162.4 243.6





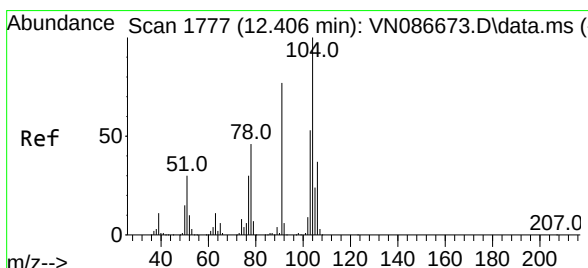
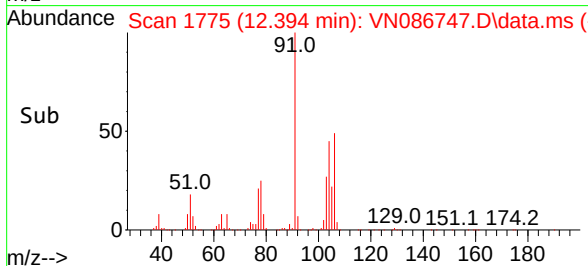
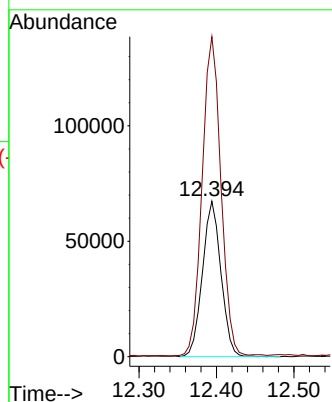
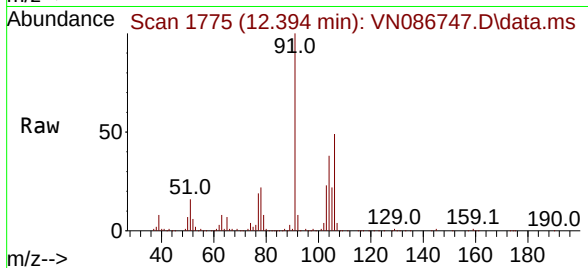
#69
o-Xylene
Concen: 18.586 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion:106 Resp: 11152
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.1

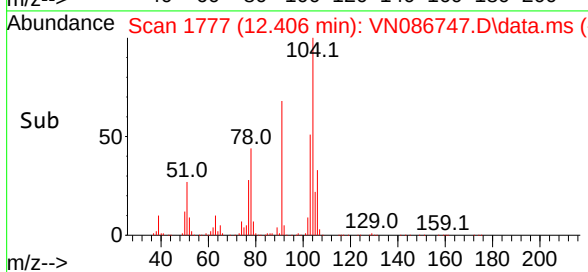
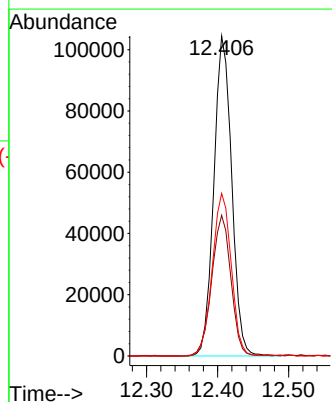
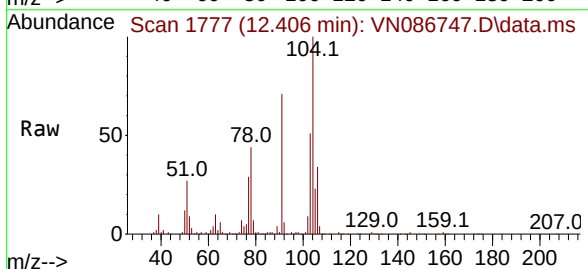
Manual Integrations
APPROVED

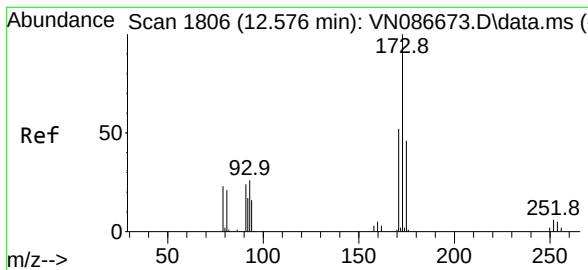
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#70
Styrene
Concen: 18.560 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion:104 Resp: 182328
Ion Ratio Lower Upper
104 100
78 47.1 39.0 58.6
103 53.9 43.8 65.8





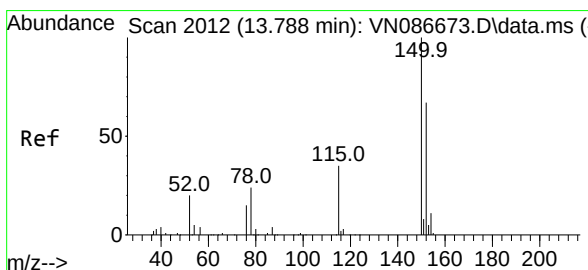
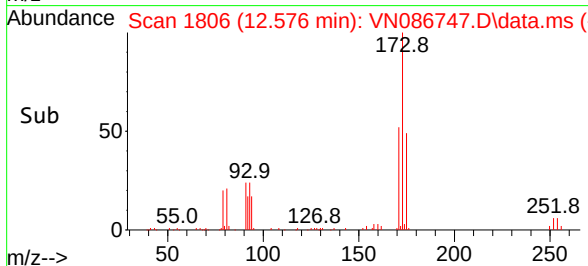
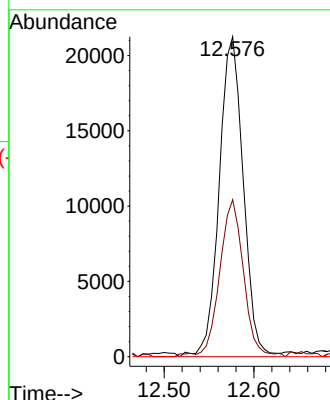
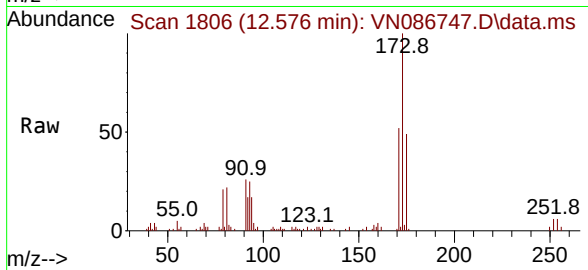
#71
Bromoform
Concen: 18.521 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion:173 Resp: 3955
Ion Ratio Lower Upper
173 100
175 48.8 23.4 70.2
254 0.0 0.0 0.0

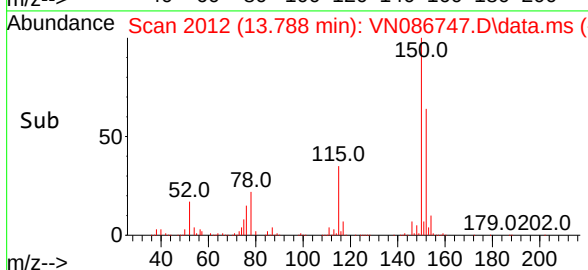
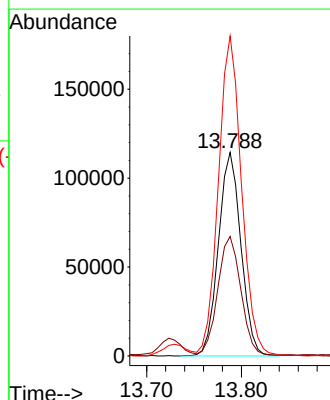
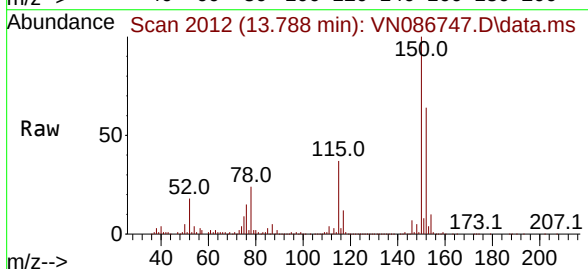
Manual Integrations
APPROVED

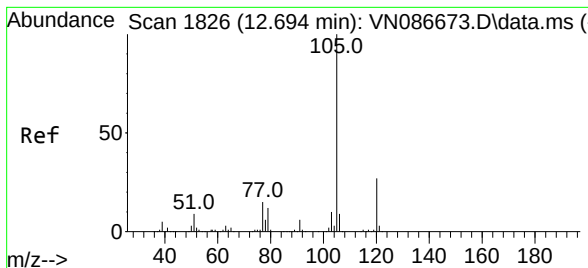
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion:152 Resp: 189299
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.1
150 161.5 0.0 347.8





#73

Isopropylbenzene

Concen: 17.887 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VN0521MBSD01

Tgt Ion:105 Resp: 26151

Ion Ratio Lower Upper

105 100

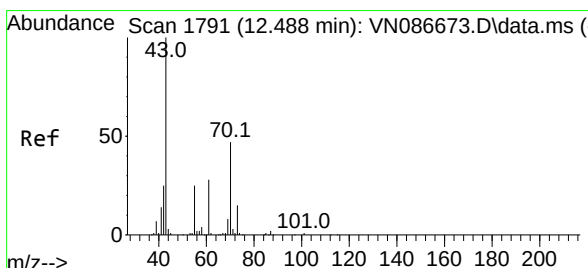
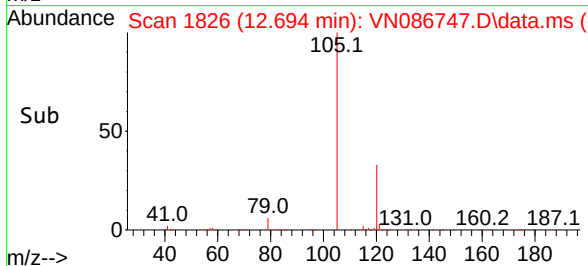
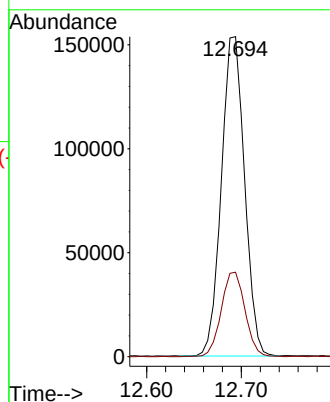
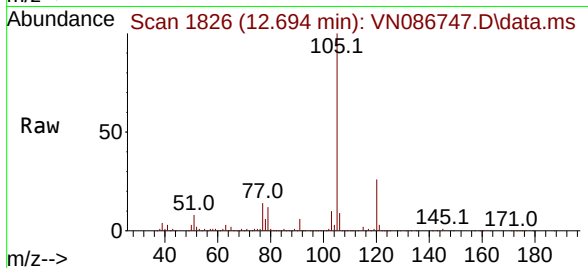
120 27.1 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#74

N-ethyl acetate

Concen: 15.426 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086747.D

Acq: 21 May 2025 21:30

Tgt Ion: 43 Resp: 94232

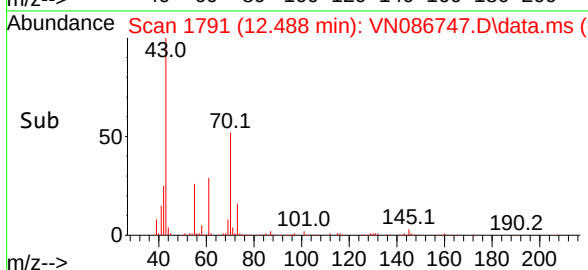
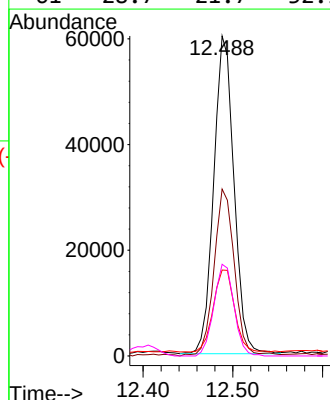
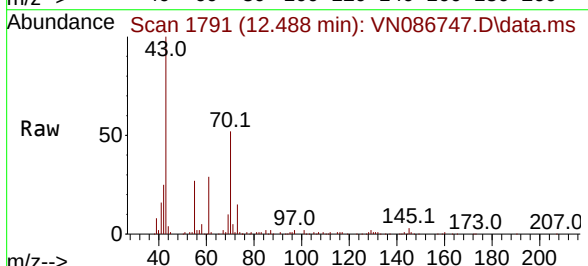
Ion Ratio Lower Upper

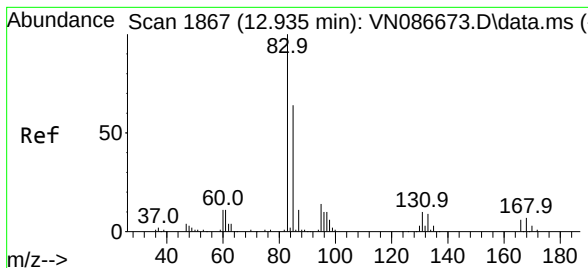
43 100

70 53.3 37.9 56.9

55 27.0 20.5 30.7

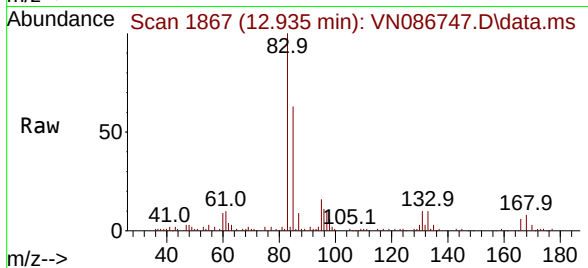
61 28.7 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 15.912 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

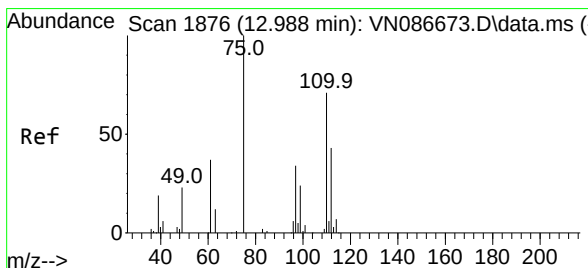
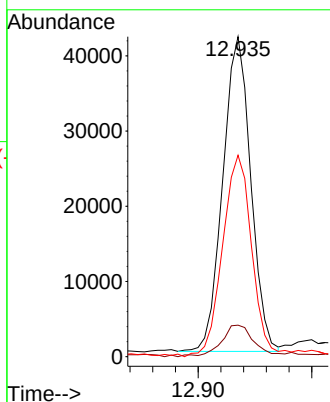
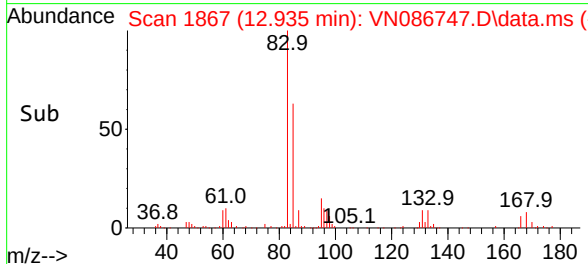
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 83 Resp: 71470
Ion Ratio Lower Upper
83 100
131 11.9 5.0 15.0
85 67.1 32.4 97.2

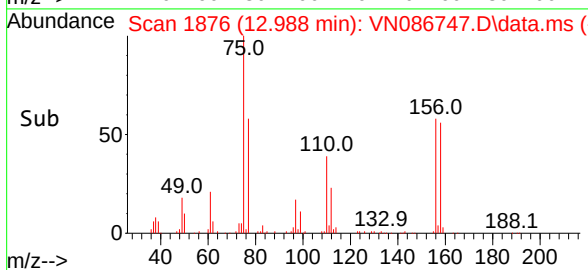
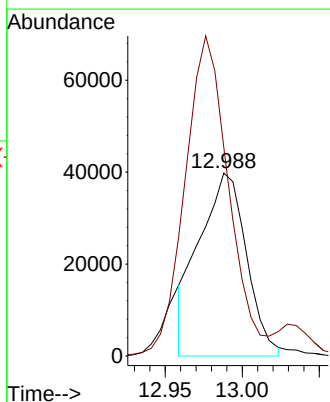
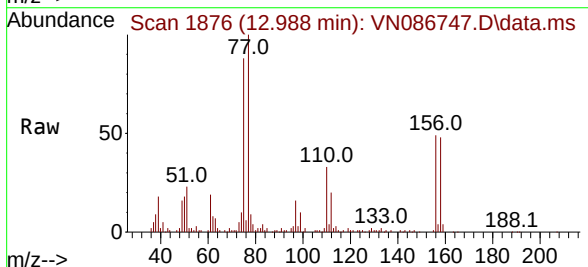
Manual Integrations
APPROVED

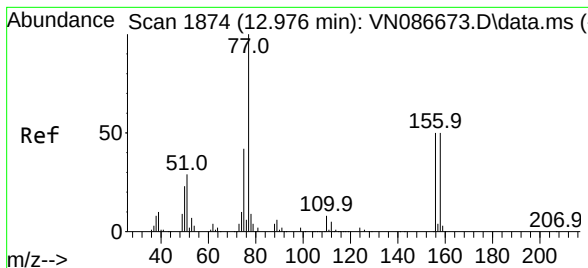
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#76
1,2,3-Trichloropropane
Concen: 19.811 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion: 75 Resp: 84816
Ion Ratio Lower Upper
75 100
77 160.3 96.0 288.1





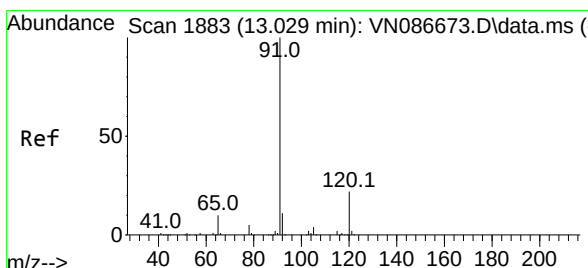
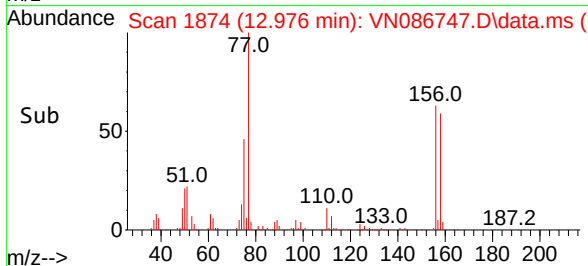
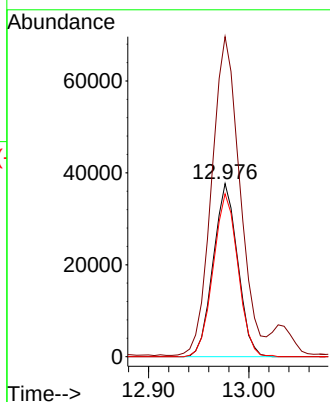
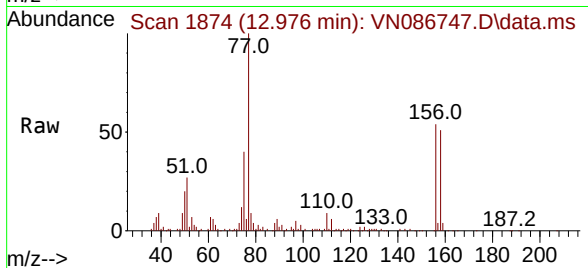
#77
Bromobenzene
Concen: 17.355 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion:156 Resp: 63820
Ion Ratio Lower Upper
156 100
77 213.0 113.1 339.2
158 95.1 48.6 145.9

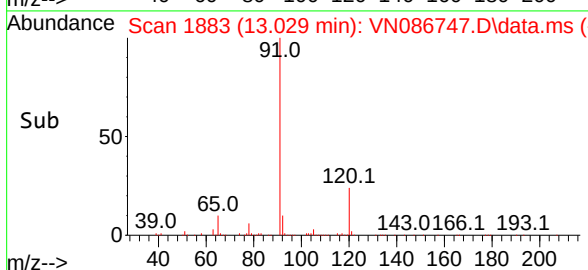
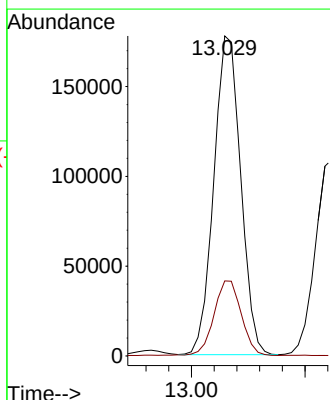
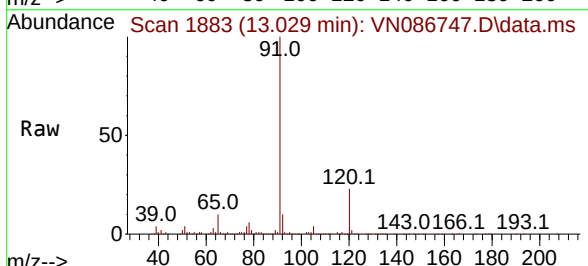
Manual Integrations
APPROVED

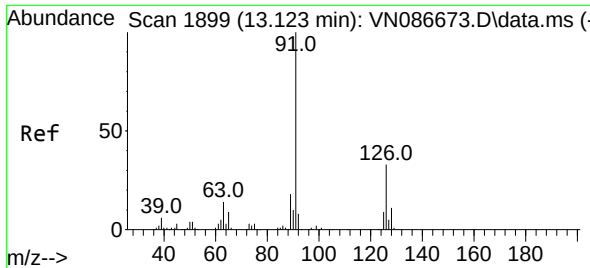
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#78
n-propylbenzene
Concen: 17.395 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

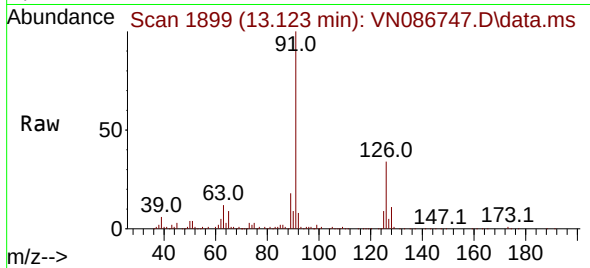
Tgt Ion: 91 Resp: 291868
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.1





#79
2-Chlorotoluene
Concen: 17.080 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

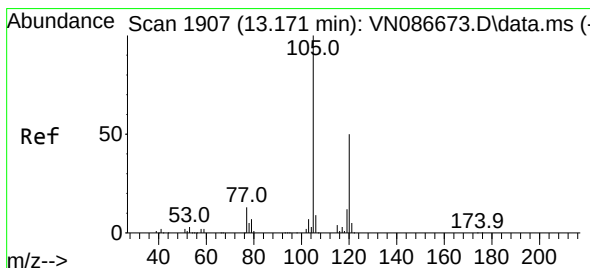
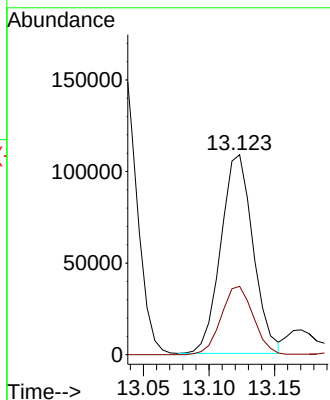
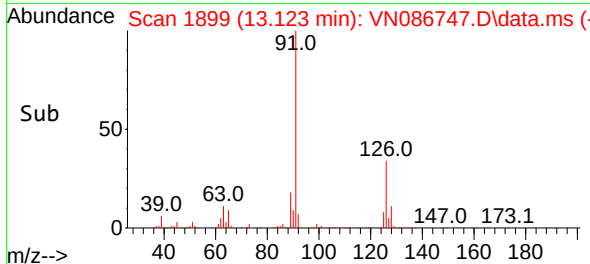
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



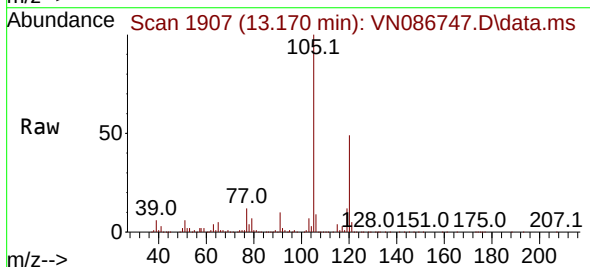
Tgt Ion: 91 Resp: 186328
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.7

Manual Integrations
APPROVED

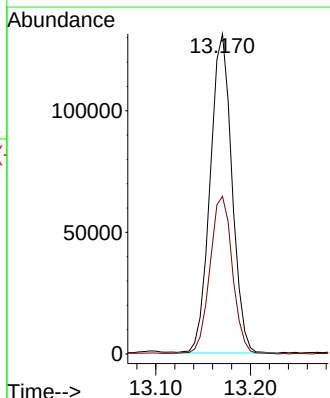
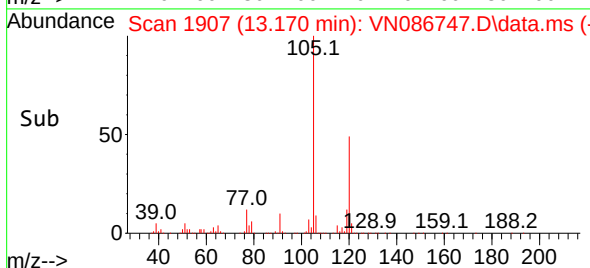
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

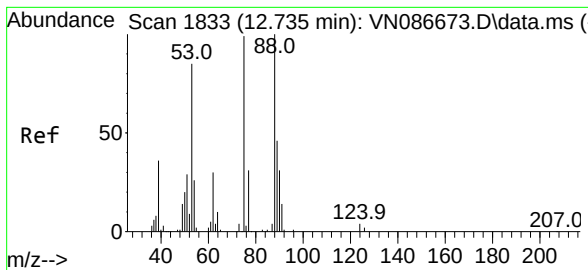


#80
1,3,5-Trimethylbenzene
Concen: 17.867 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



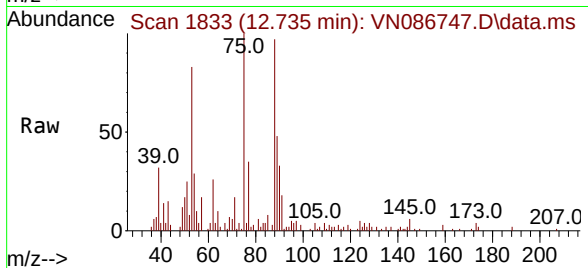
Tgt Ion:105 Resp: 209290
Ion Ratio Lower Upper
105 100
120 51.2 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.968 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

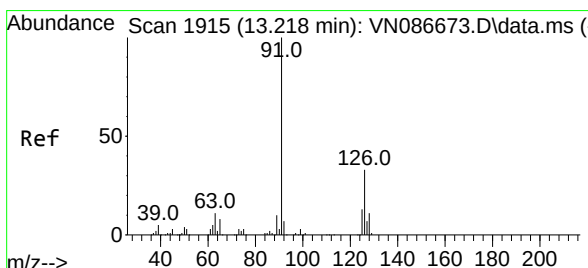
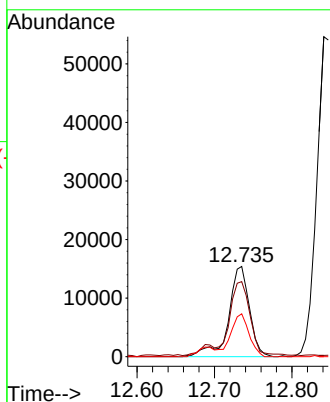
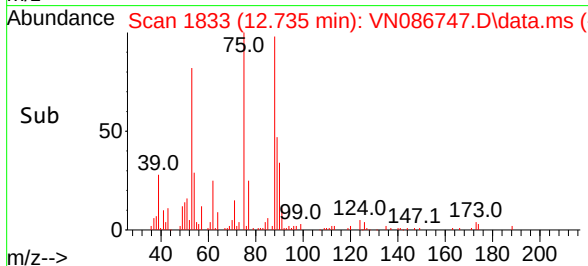
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion: 75 Resp: 28784
Ion Ratio Lower Upper
75 100
53 80.2 70.4 105.6
89 42.6 32.4 48.6

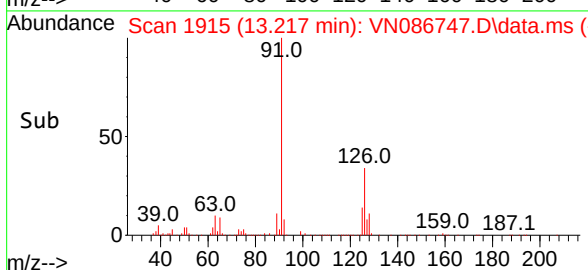
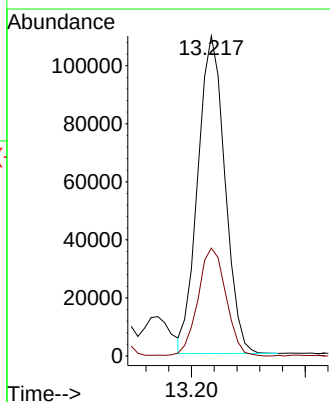
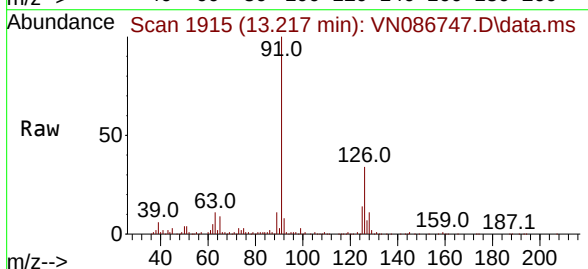
Manual Integrations
APPROVED

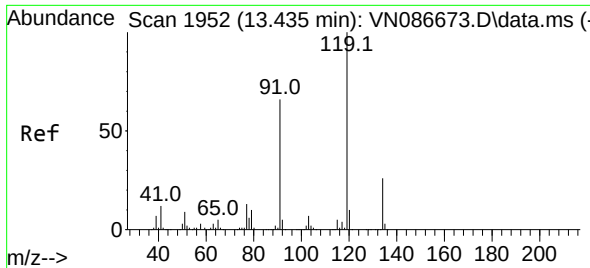
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#82
4-Chlorotoluene
Concen: 16.803 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

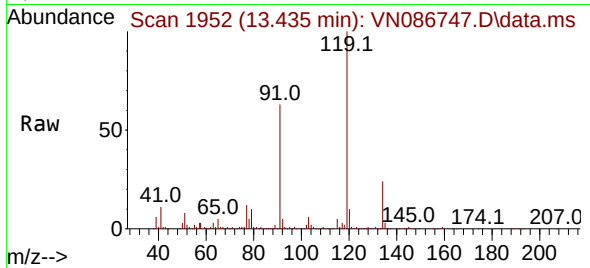
Tgt Ion: 91 Resp: 181610
Ion Ratio Lower Upper
91 100
126 35.0 17.0 50.9





#83
tert-Butylbenzene
Concen: 18.014 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

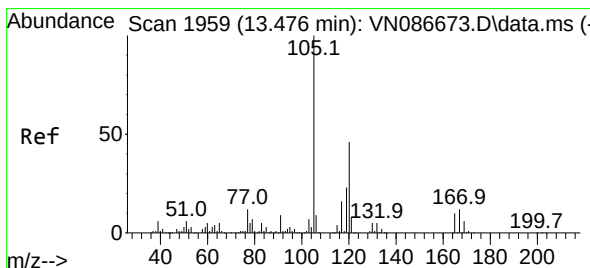
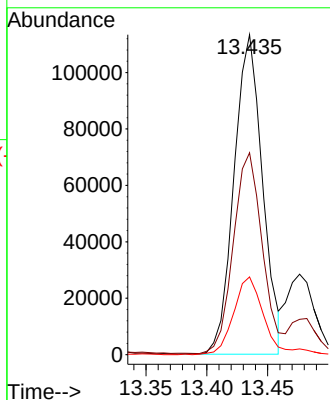
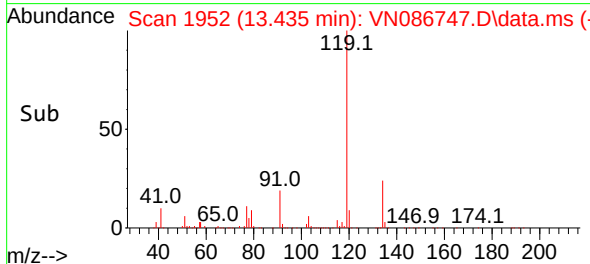
Instrument : MSVOA_N
ClientSampleId : VN0521MBSD01



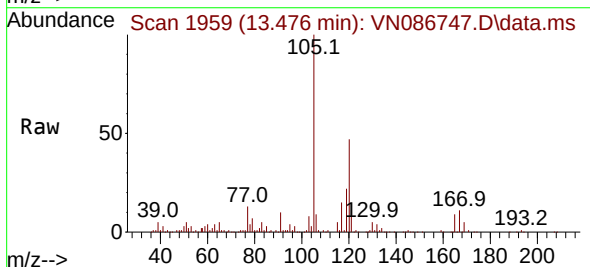
Tgt Ion:119 Resp: 184018
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.7
134 26.2 13.4 40.1

Manual Integrations
APPROVED

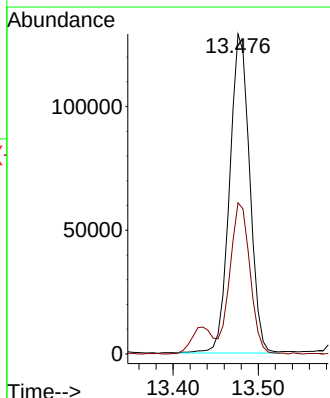
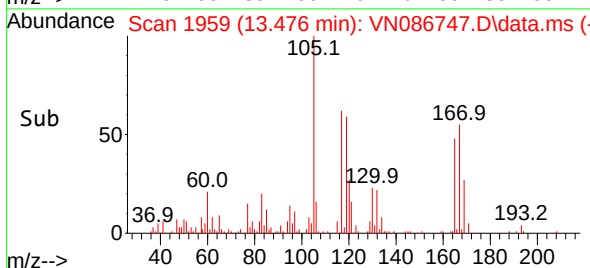
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

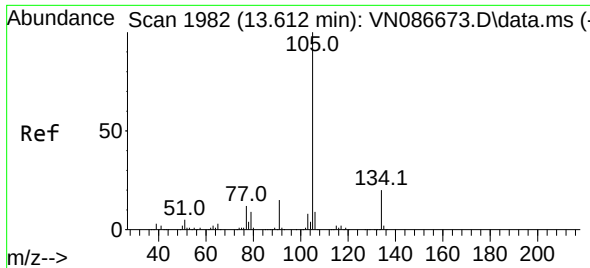


#84
1,2,4-Trimethylbenzene
Concen: 18.150 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



Tgt Ion:105 Resp: 211711
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





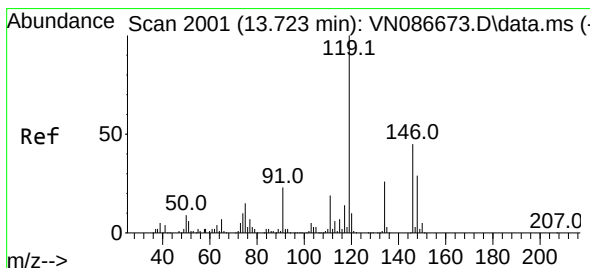
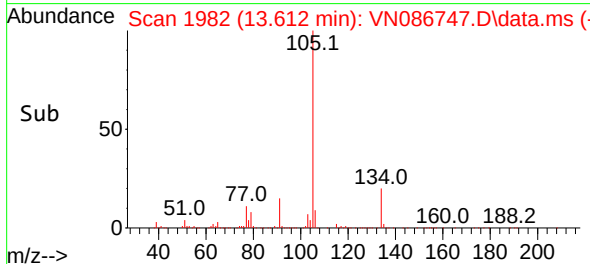
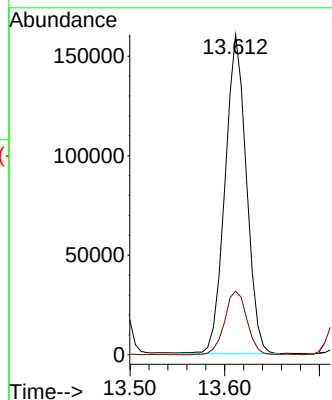
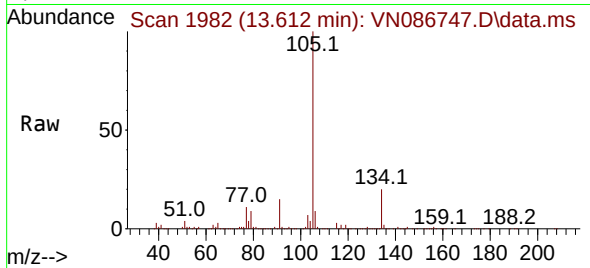
#85
 sec-Butylbenzene
 Concen: 18.329 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086747.D
 Acq: 21 May 2025 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521MBSD01

Tgt Ion:105 Resp: 25106
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.1 30.1

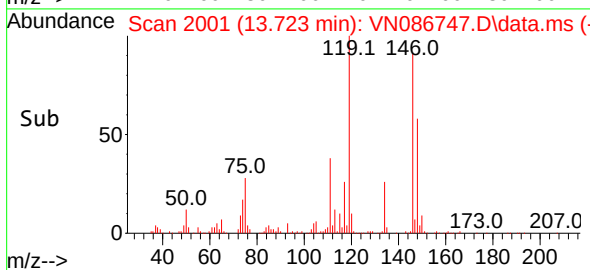
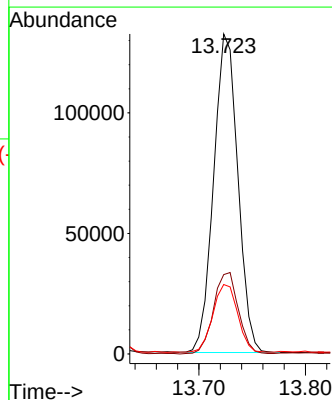
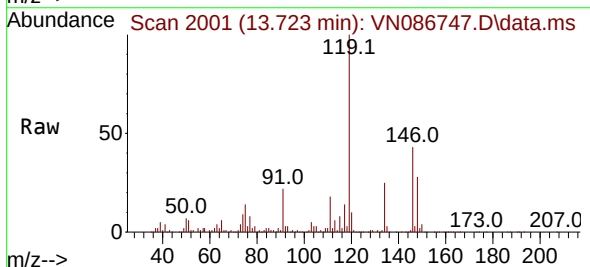
Manual Integrations
 APPROVED

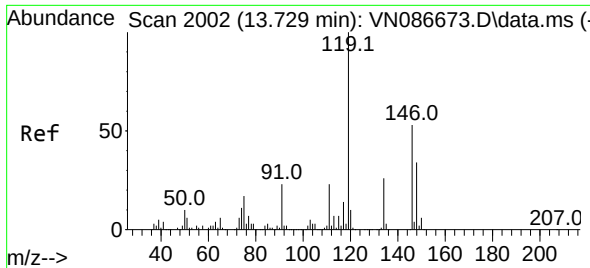
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#86
 p-Isopropyltoluene
 Concen: 18.538 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086747.D
 Acq: 21 May 2025 21:30

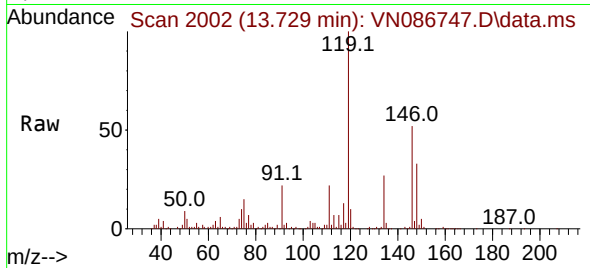
Tgt Ion:119 Resp: 208133
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 21.8 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 17.387 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

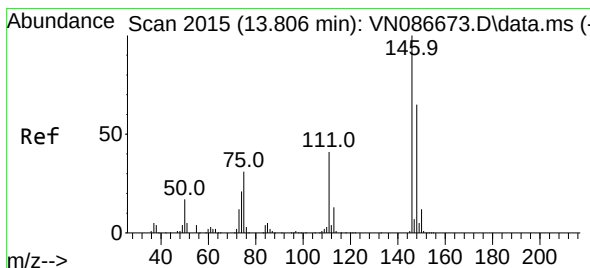
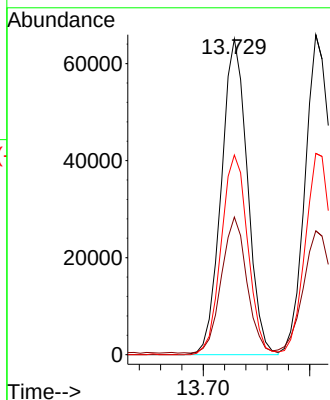
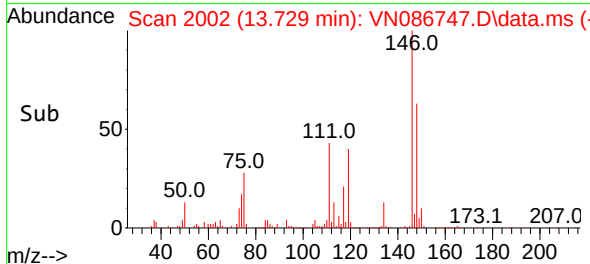
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



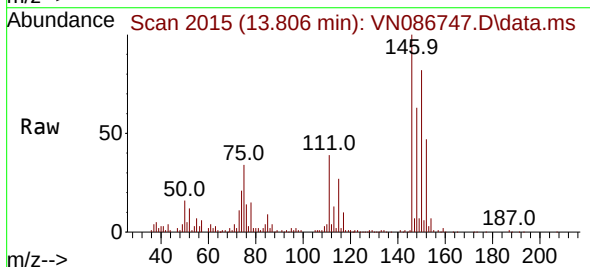
Tgt Ion:146 Resp: 110728
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.7
148 64.4 31.8 95.4

Manual Integrations
APPROVED

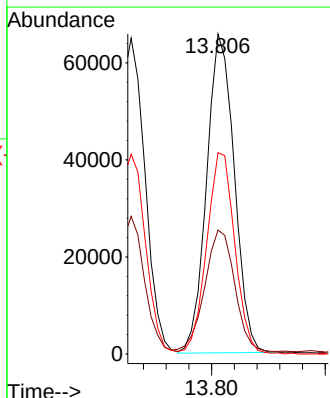
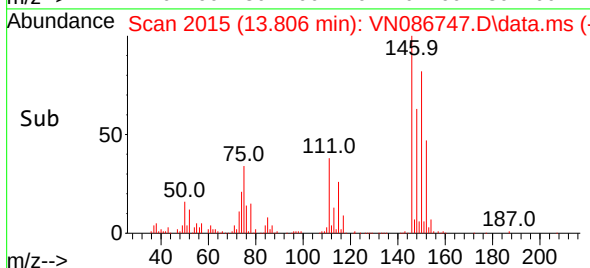
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

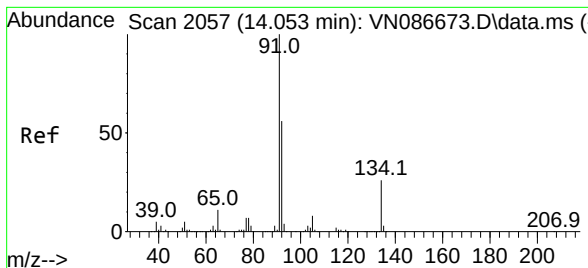


#88
1,4-Dichlorobenzene
Concen: 17.610 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



Tgt Ion:146 Resp: 111114
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 64.4 32.0 96.0





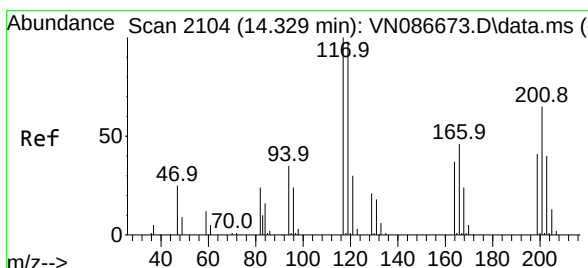
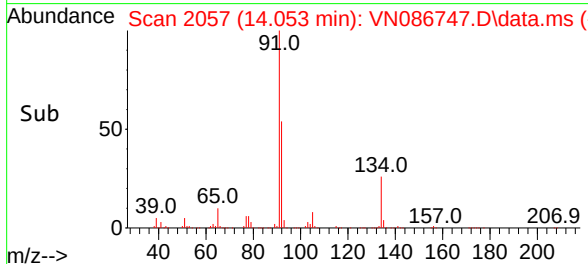
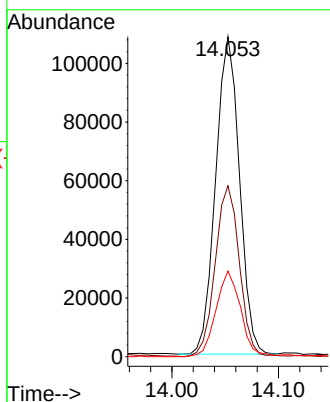
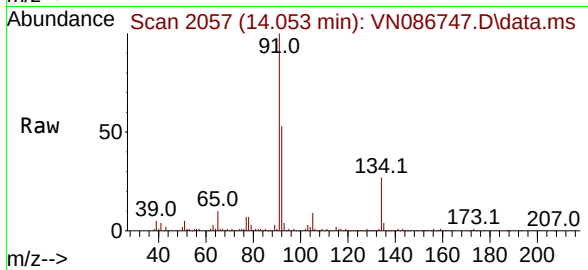
#89
n-Butylbenzene
Concen: 18.061 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion: 91 Resp: 168100
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.0
134 28.6 12.8 38.4

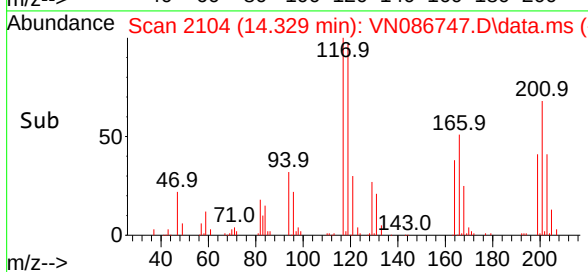
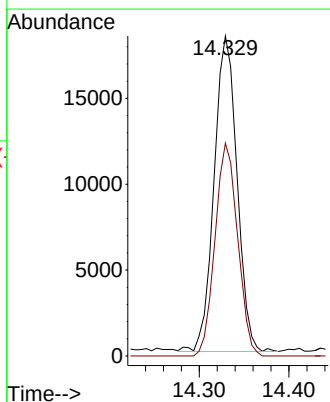
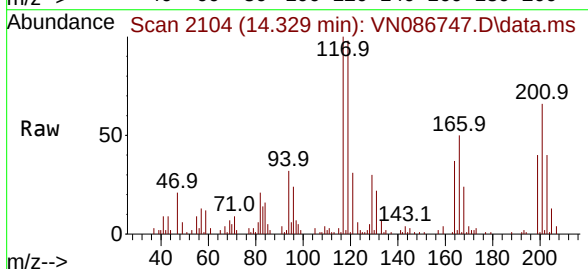
Manual Integrations
APPROVED

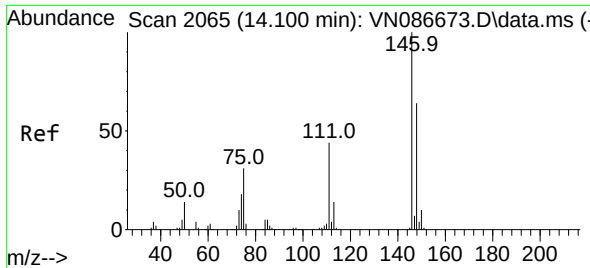
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#90
Hexachloroethane
Concen: 17.506 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion:117 Resp: 32611
Ion Ratio Lower Upper
117 100
201 66.2 32.0 96.0





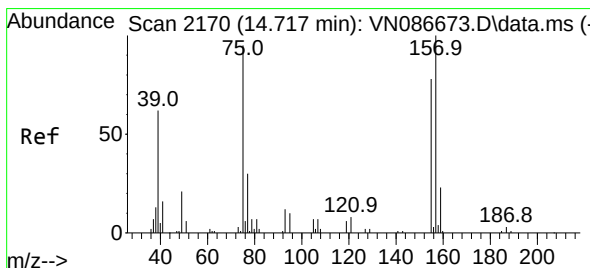
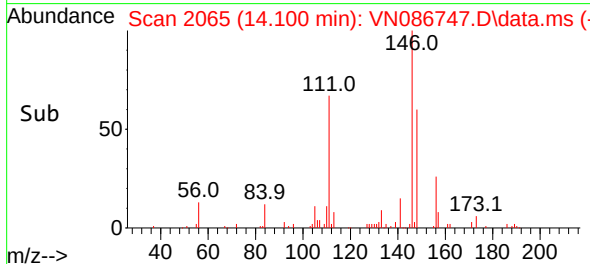
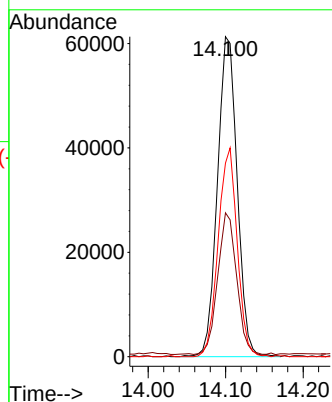
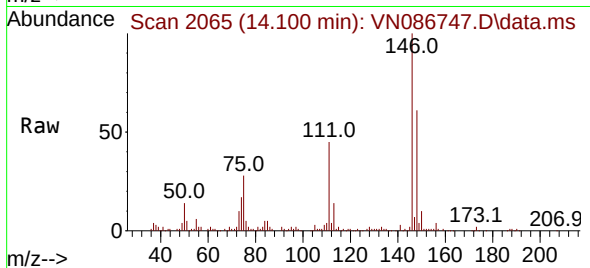
#91
1,2-Dichlorobenzene
Concen: 17.976 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01

Tgt Ion:146 Resp: 10888
Ion Ratio Lower Upper
146 100
111 42.3 21.6 65.0
148 62.8 31.7 95.1

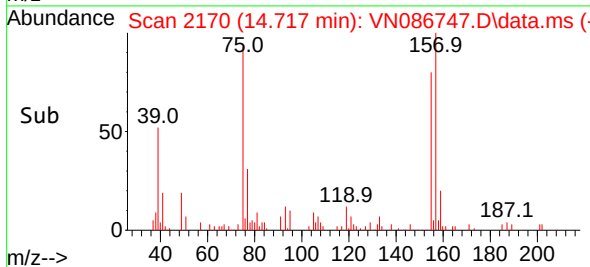
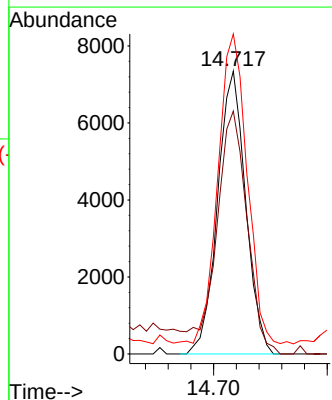
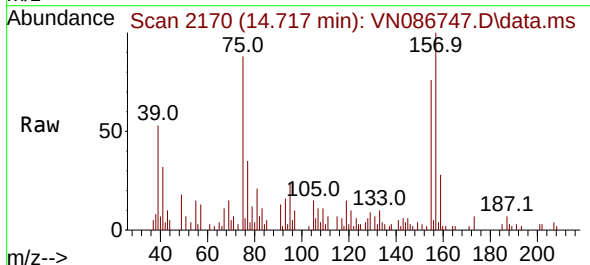
Manual Integrations
APPROVED

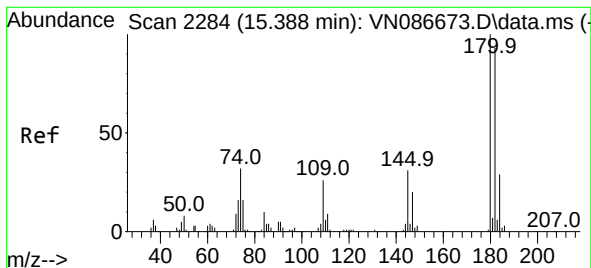
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.916 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

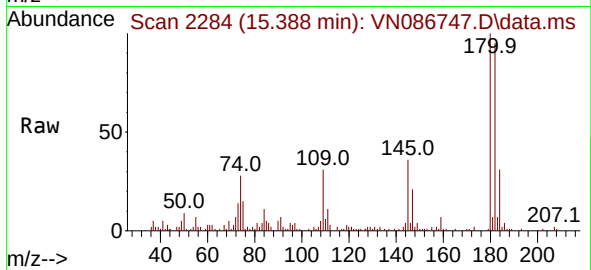
Tgt Ion: 75 Resp: 12587
Ion Ratio Lower Upper
75 100
155 93.2 40.5 121.5
157 113.1 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 18.755 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

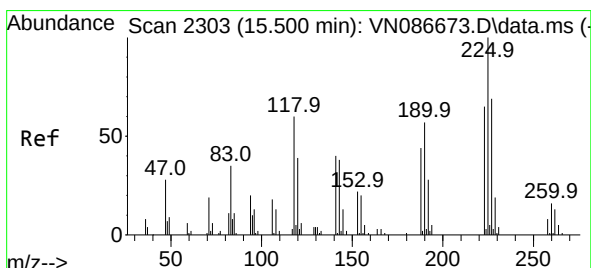
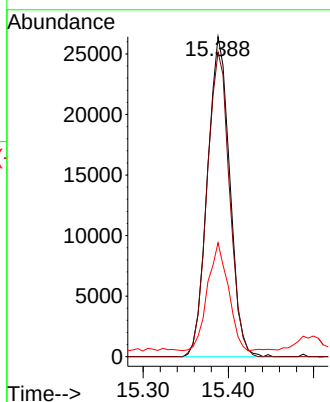
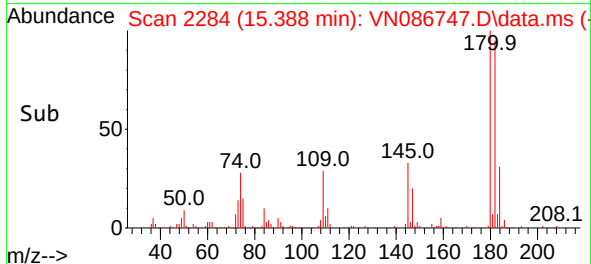
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBS01



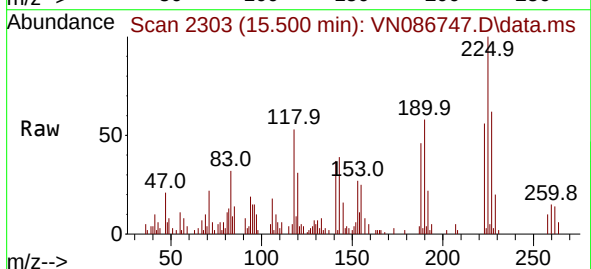
Tgt Ion:180 Resp: 47954
Ion Ratio Lower Upper
180 100
182 95.8 47.1 141.3
145 31.5 15.6 46.8

Manual Integrations
APPROVED

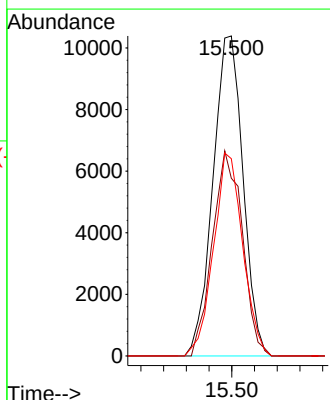
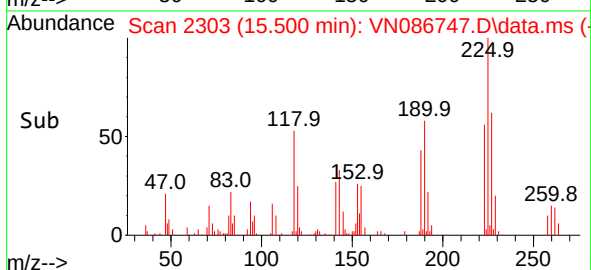
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

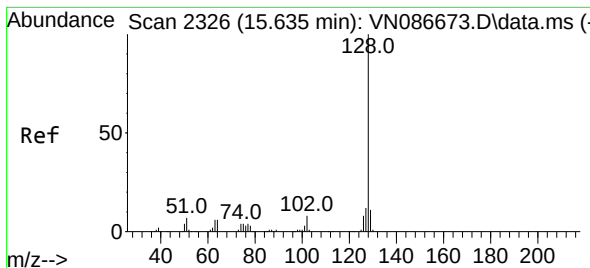


#94
Hexachlorobutadiene
Concen: 18.000 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30



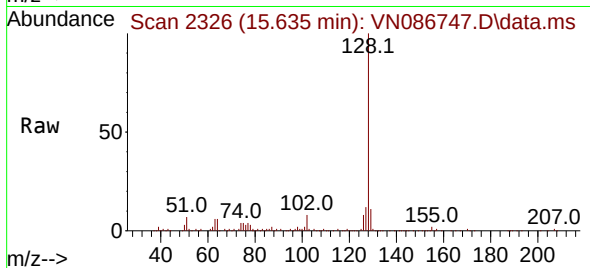
Tgt Ion:225 Resp: 19095
Ion Ratio Lower Upper
225 100
223 63.6 32.9 98.6
227 61.5 32.4 97.2





#95
Naphthalene
Concen: 22.983 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

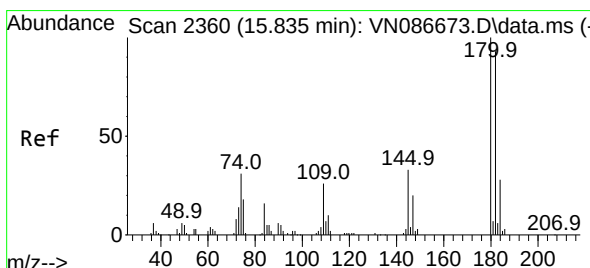
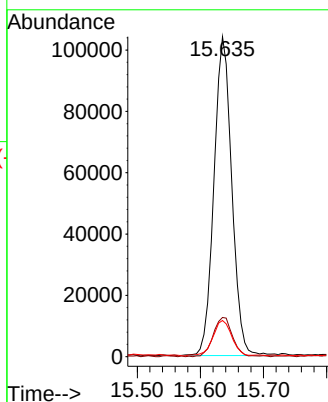
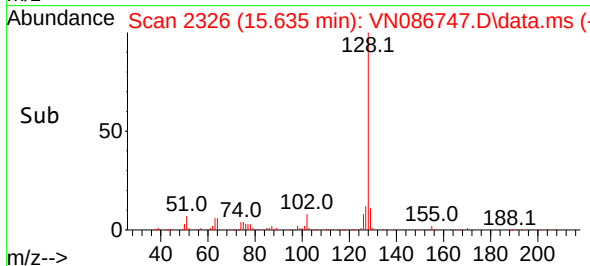
Instrument :
MSVOA_N
ClientSampleId :
VN0521MBSD01



Tgt Ion:128 Resp: 20404
Ion Ratio Lower Upper
128 100
127 13.4 10.1 15.1
129 11.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.668 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086747.D
Acq: 21 May 2025 21:30

Tgt Ion:180 Resp: 46744
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 34.2 16.7 50.1

