

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086794.D
 Acq On : 28 May 2025 12:59
 Operator : JC\MD
 Sample : VN0528WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 03:57:19 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	194862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126825	47.101	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.200%		
35) Dibromofluoromethane	8.165	113	100665	48.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.000%		
50) Toluene-d8	10.565	98	423757	49.269	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.847	95	152302	50.150	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42374	20.136	ug/l	100
3) Chloromethane	2.359	50	58433	18.358	ug/l	100
4) Vinyl Chloride	2.512	62	53403	18.682	ug/l	96
5) Bromomethane	2.959	94	29108	17.664	ug/l	91
6) Chloroethane	3.124	64	33684	17.988	ug/l	96
7) Trichlorofluoromethane	3.500	101	66161	19.367	ug/l	95
8) Diethyl Ether	3.959	74	29762	21.090	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	42154	20.612	ug/l	98
10) Methyl Iodide	4.589	142	47430	18.644	ug/l	98
11) Tert butyl alcohol	5.518	59	38659	78.832	ug/l	100
12) 1,1-Dichloroethene	4.342	96	41919	19.287	ug/l	93
13) Acrolein	4.177	56	22371	42.673	ug/l	99
14) Allyl chloride	5.024	41	63421	19.279	ug/l	93
15) Acrylonitrile	5.718	53	113557	93.523	ug/l	99
16) Acetone	4.424	43	81362	80.778	ug/l	96
17) Carbon Disulfide	4.706	76	113555	18.871	ug/l	99
18) Methyl Acetate	5.024	43	51505	18.270	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	152012	20.541	ug/l	99
20) Methylene Chloride	5.277	84	49602	18.662	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	43377	18.877	ug/l	96
22) Diisopropyl ether	6.671	45	148259	19.976	ug/l	96
23) Vinyl Acetate	6.600	43	302642	54.257	ug/l	99
24) 1,1-Dichloroethane	6.565	63	83900	19.255	ug/l	96
25) 2-Butanone	7.482	43	135762	87.226	ug/l	97
26) 2,2-Dichloropropane	7.488	77	71888	19.991	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	54433	19.298	ug/l	98
28) Bromochloromethane	7.812	49	41465	20.945	ug/l	96
29) Tetrahydrofuran	7.835	42	93372	91.909	ug/l	100
30) Chloroform	7.959	83	84871	19.460	ug/l	98
31) Cyclohexane	8.253	56	74732	18.492	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	72450	19.703	ug/l	95
36) 1,1-Dichloropropene	8.371	75	60335	19.708	ug/l	99
37) Ethyl Acetate	7.559	43	56576	18.295	ug/l	99
38) Carbon Tetrachloride	8.359	117	59224	19.634	ug/l	97
39) Methylcyclohexane	9.600	83	66242	19.992	ug/l	97
40) Benzene	8.600	78	200576	20.084	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30911	18.513	ug/l	97
42) 1,2-Dichloroethane	8.671	62	60848	19.557	ug/l	97
43) Isopropyl Acetate	8.682	43	99169	15.996	ug/l	96
44) Trichloroethene	9.347	130	60422	25.084	ug/l	99
45) 1,2-Dichloropropane	9.618	63	48050	20.253	ug/l	100
46) Dibromomethane	9.706	93	32223	20.129	ug/l	99
47) Bromodichloromethane	9.888	83	67859	20.573	ug/l	99
48) Methyl methacrylate	9.676	41	44555	18.547	ug/l	96
49) 1,4-Dioxane	9.694	88	17267	339.446	ug/l #	83
51) 4-Methyl-2-Pentanone	10.441	43	286942	91.782	ug/l	98
52) Toluene	10.629	92	123421	19.884	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	71685	20.527	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	79236	20.785	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	46775	20.201	ug/l	97
56) Ethyl methacrylate	10.871	69	73804	19.852	ug/l	97
57) 1,3-Dichloropropane	11.159	76	81354	20.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	178975	107.718	ug/l	100
59) 2-Hexanone	11.194	43	204642	89.636	ug/l	98
60) Dibromochloromethane	11.359	129	50354	20.751	ug/l	100
61) 1,2-Dibromoethane	11.465	107	46293	19.896	ug/l	98
64) Tetrachloroethene	11.100	164	68926	29.166	ug/l	99
65) Chlorobenzene	11.888	112	135972	20.100	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	45565	20.865	ug/l	99
67) Ethyl Benzene	11.959	91	230218	19.869	ug/l	100
68) m/p-Xylenes	12.070	106	180050	41.026	ug/l	96
69) o-Xylene	12.394	106	87182	19.981	ug/l	98
70) Styrene	12.412	104	144400	20.215	ug/l	99
71) Bromoform	12.576	173	31968	20.583	ug/l #	98
73) Isopropylbenzene	12.694	105	210490	18.956	ug/l	100
74) N-amyl acetate	12.488	43	75264	16.223	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	42124	12.348	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	60498m	18.606	ug/l	
77) Bromobenzene	12.976	156	52963	18.961	ug/l	98
78) n-propylbenzene	13.035	91	243543	19.112	ug/l	99
79) 2-Chlorotoluene	13.123	91	158072	19.078	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	172842	19.428	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	25120	19.497	ug/l	91
82) 4-Chlorotoluene	13.217	91	158789	19.344	ug/l	98
83) tert-Butylbenzene	13.435	119	147830	19.054	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	174253	19.669	ug/l	99
85) sec-Butylbenzene	13.612	105	204153	19.625	ug/l	99
86) p-Isopropyltoluene	13.723	119	171653	20.130	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	96524	19.956	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	100157	20.900	ug/l	98
89) n-Butylbenzene	14.053	91	143532	20.304	ug/l	98
90) Hexachloroethane	14.329	117	28065	19.837	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	94632	20.570	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10606	18.767	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	42138	21.699	ug/l	97
94) Hexachlorobutadiene	15.500	225	17075	21.193	ug/l	99
95) Naphthalene	15.635	128	134560	19.956	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	40729	21.417	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

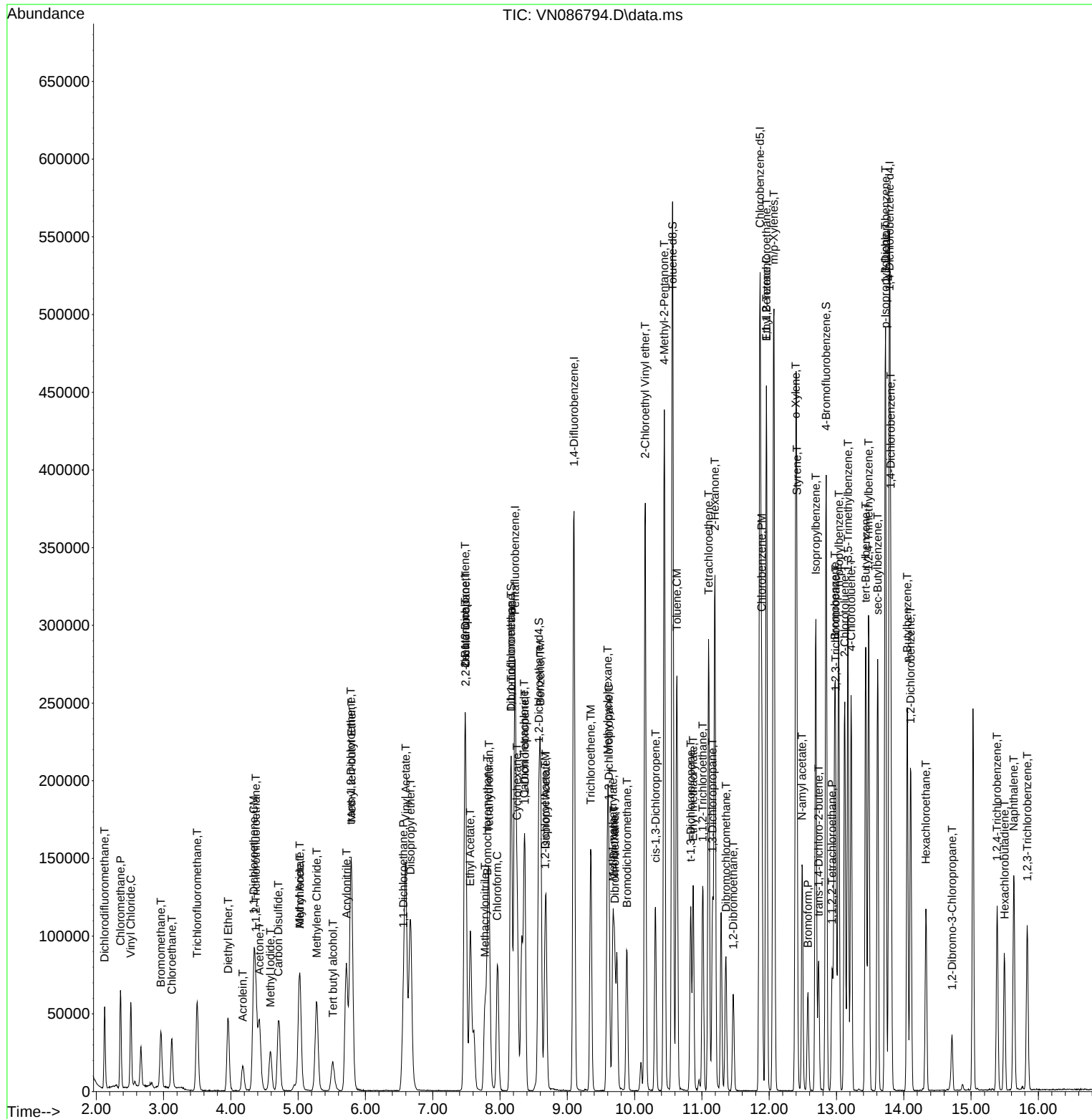
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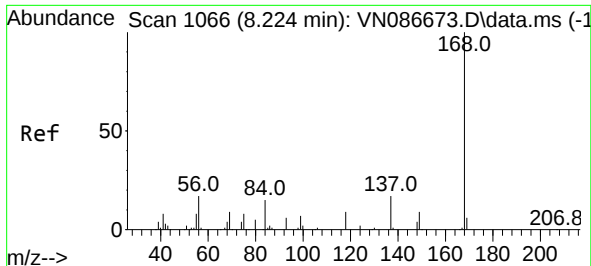
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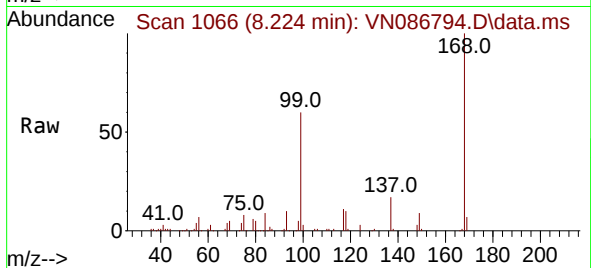
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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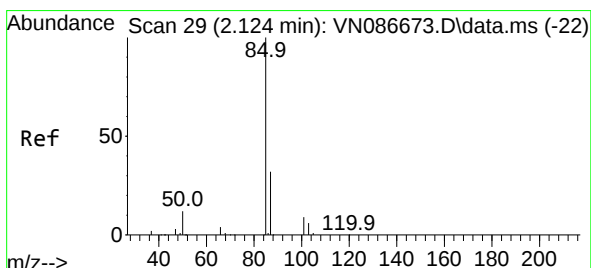
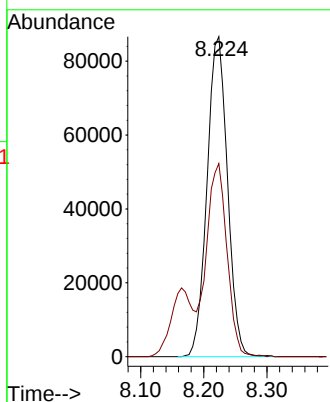
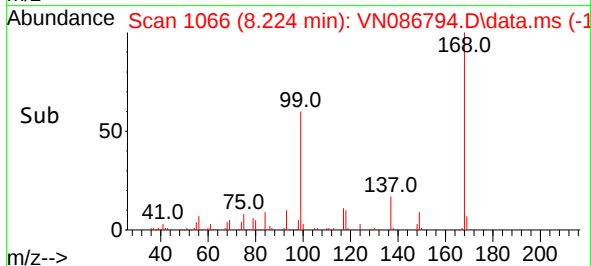
Instrument :
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VN0528WBSD01



Tgt Ion:168 Resp: 194862
Ion Ratio Lower Upper
168 100
99 60.3 47.0 70.4

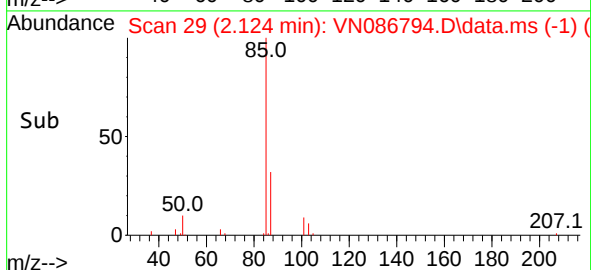
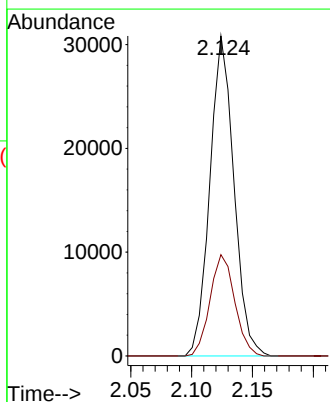
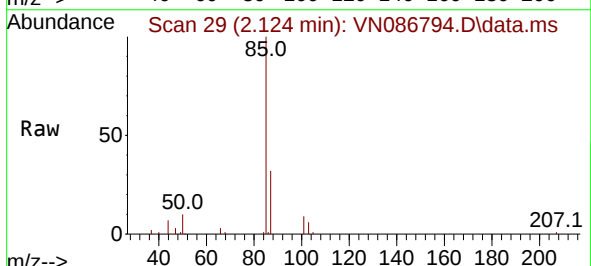
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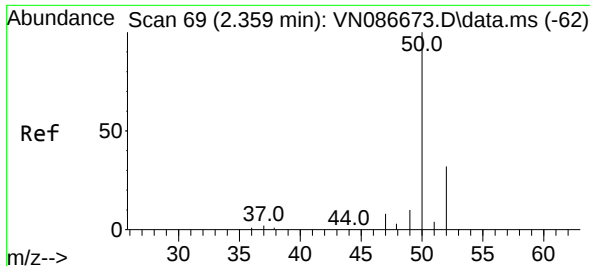
Reviewed By :John Carlone 05/29/2025
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#2
Dichlorodifluoromethane
Concen: 20.136 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
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Tgt Ion: 85 Resp: 42374
Ion Ratio Lower Upper
85 100
87 31.7 15.9 47.6





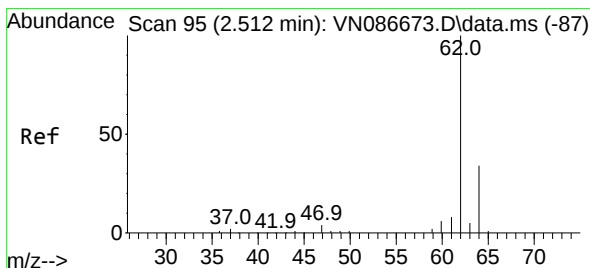
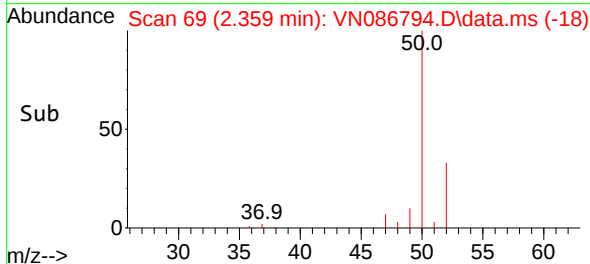
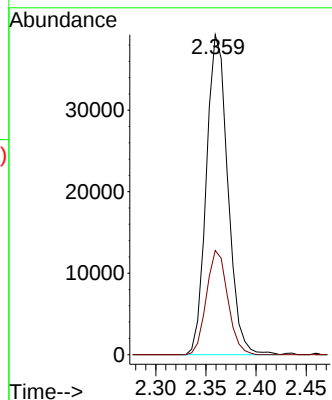
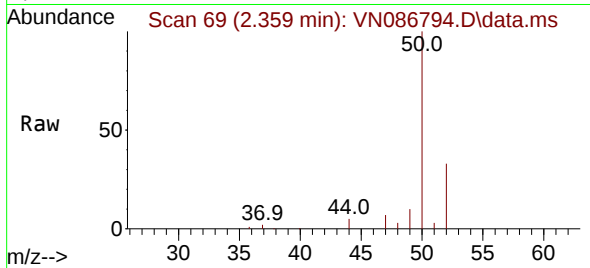
#3
Chloromethane
Concen: 18.358 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086794.D
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Instrument :
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Tgt Ion: 50 Resp: 5843
Ion Ratio Lower Upper
50 100
52 32.5 25.9 38.9

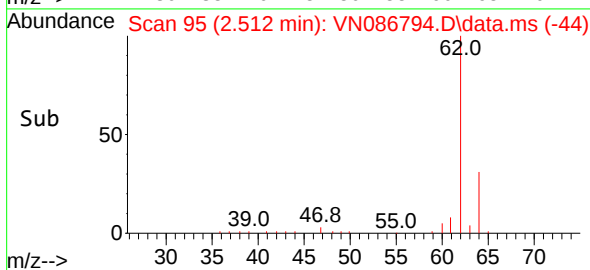
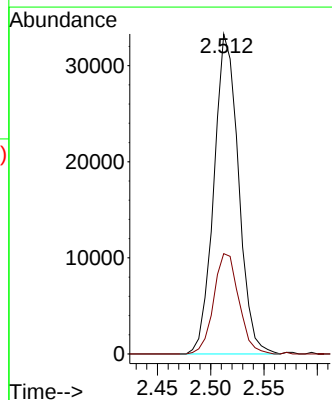
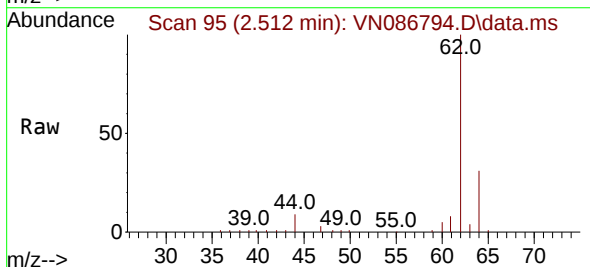
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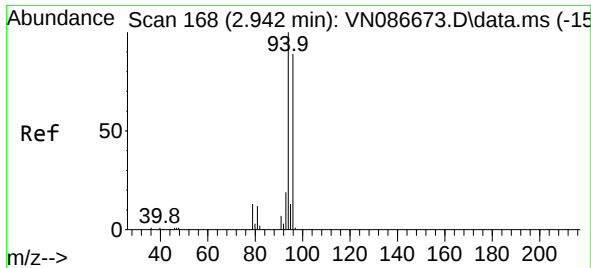
Reviewed By :John Carlone 05/29/2025
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#4
Vinyl Chloride
Concen: 18.682 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086794.D
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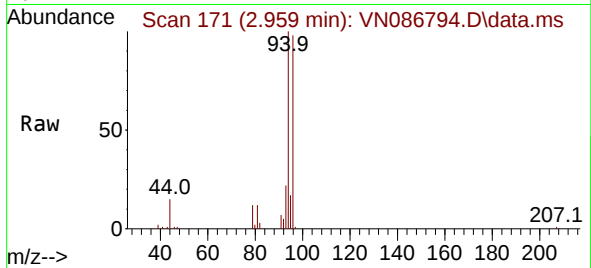
Tgt Ion: 62 Resp: 53403
Ion Ratio Lower Upper
62 100
64 31.4 26.9 40.3





#5
Bromomethane
Concen: 17.664 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086794.D
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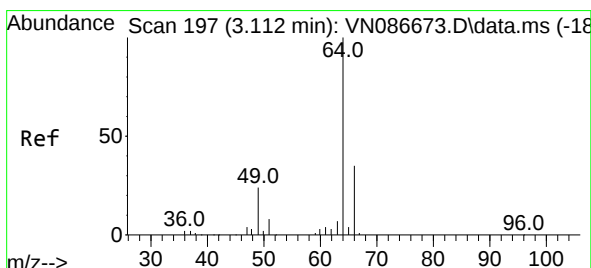
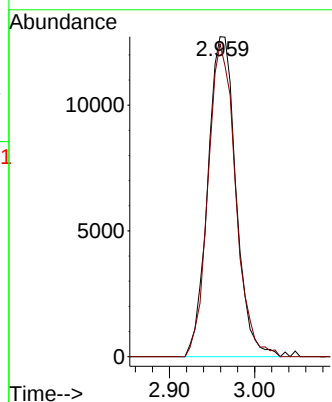
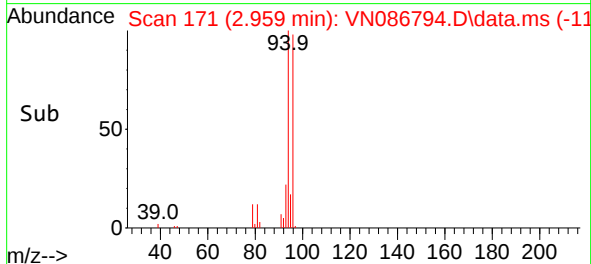
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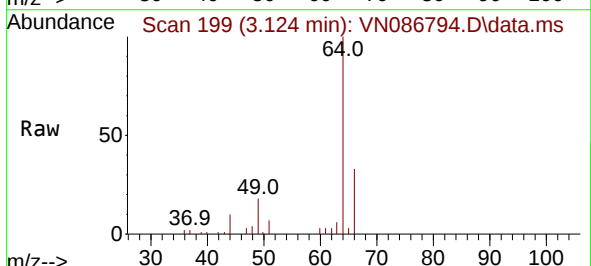
Tgt Ion: 94 Resp: 29108
Ion Ratio Lower Upper
94 100
96 97.7 71.2 106.8

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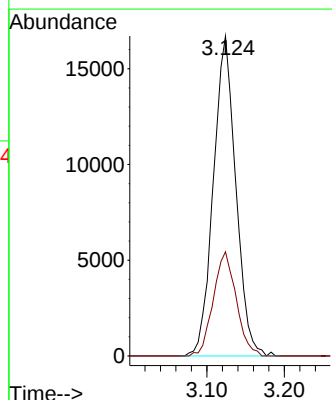
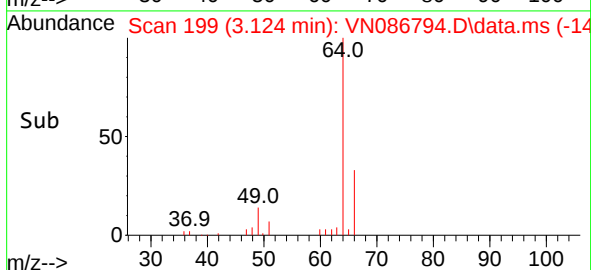
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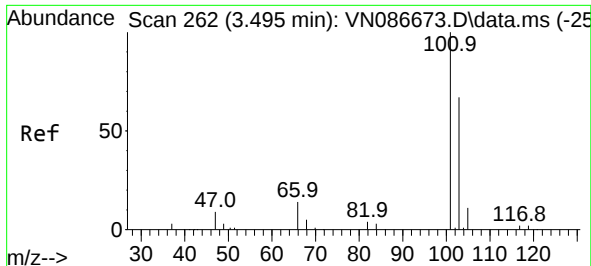


#6
Chloroethane
Concen: 17.988 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086794.D
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Tgt Ion: 64 Resp: 33684
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5





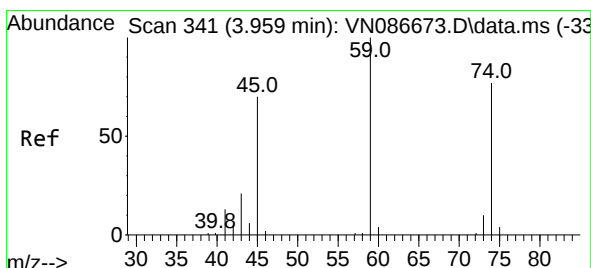
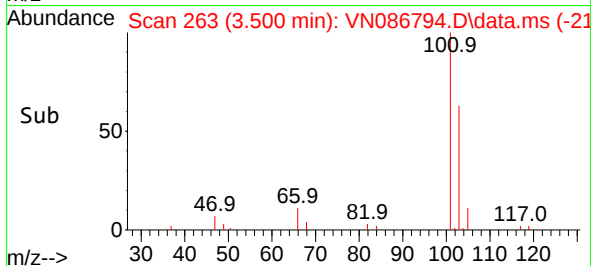
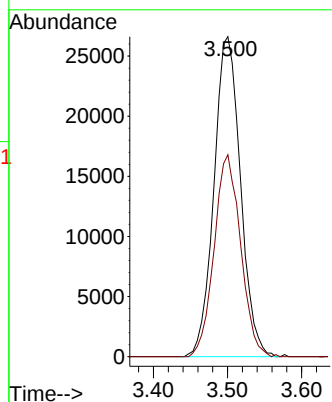
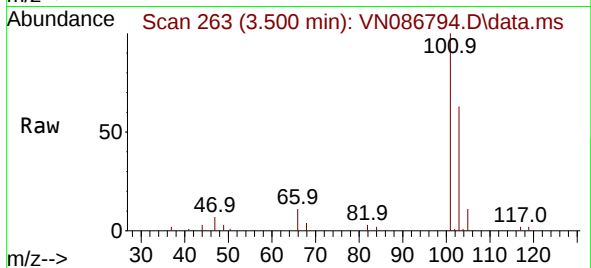
#7
Trichlorofluoromethane
Concen: 19.367 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 6616
Ion Ratio Lower Upper
101 100
103 63.1 53.4 80.0

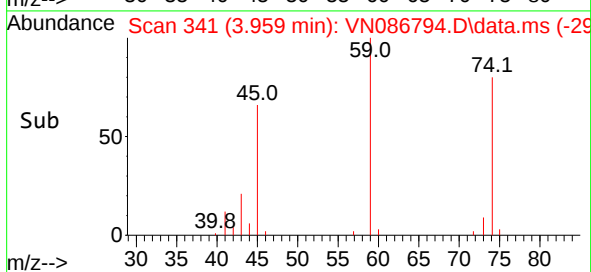
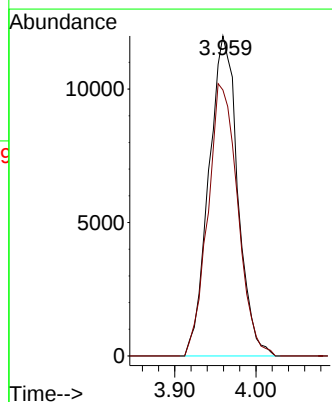
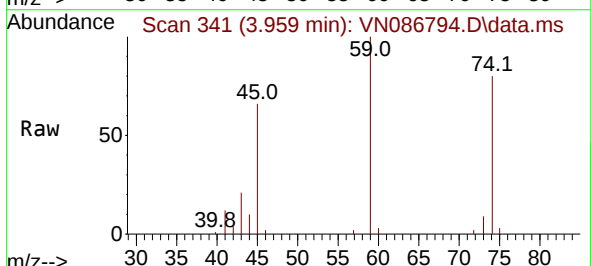
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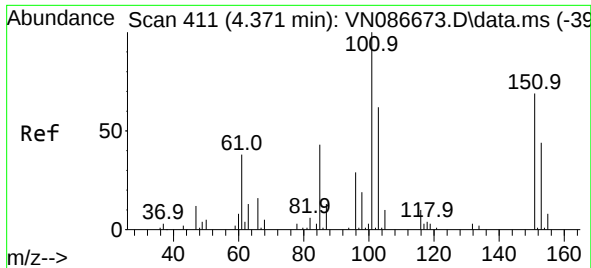
Reviewed By :John Carlone 05/29/2025
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#8
Diethyl Ether
Concen: 21.090 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion: 74 Resp: 29762
Ion Ratio Lower Upper
74 100
45 87.6 45.0 135.0





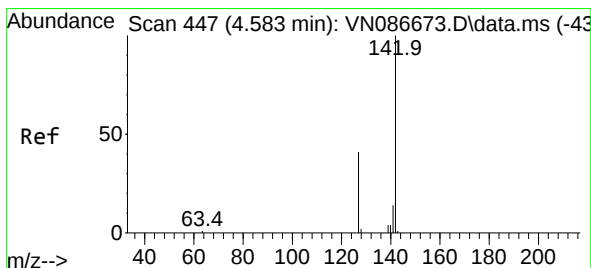
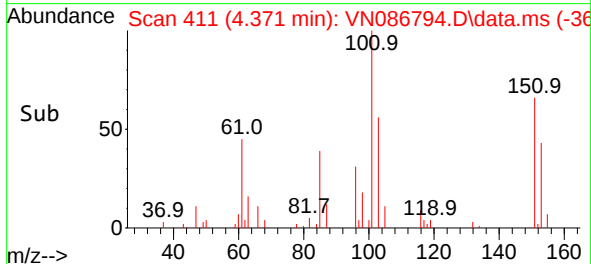
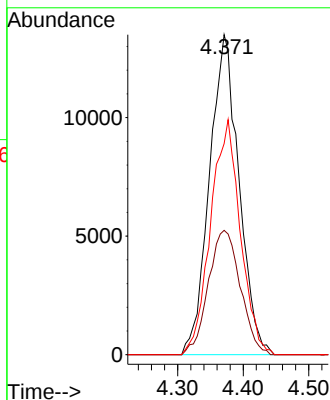
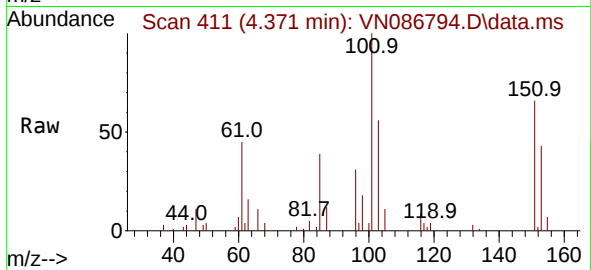
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.612 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion:101 Resp: 42154
Ion Ratio Lower Upper
101 100
85 42.3 35.0 52.6
151 73.9 58.1 87.1

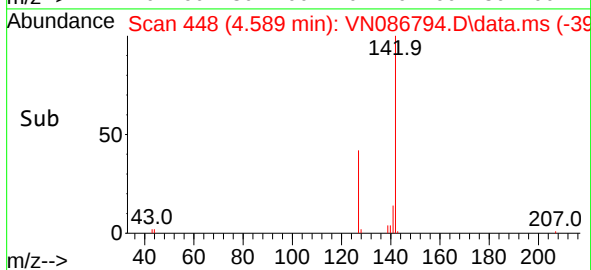
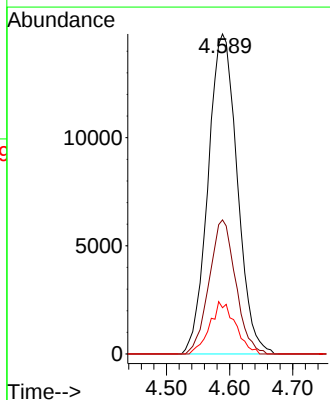
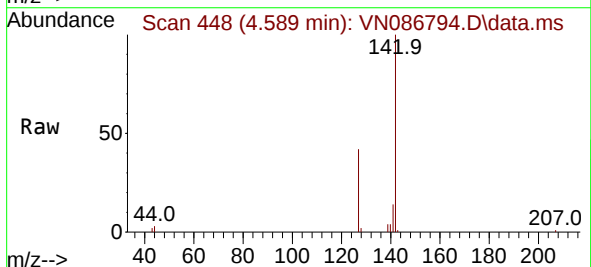
Manual Integrations
APPROVED

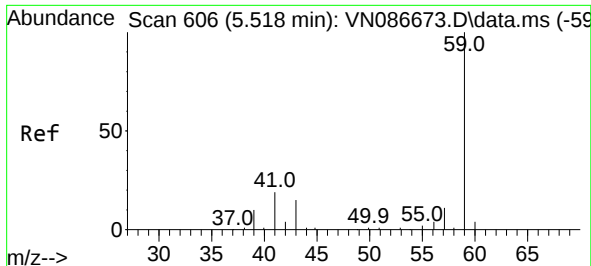
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 18.644 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion:142 Resp: 47430
Ion Ratio Lower Upper
142 100
127 41.9 32.4 48.6
141 14.4 11.4 17.2





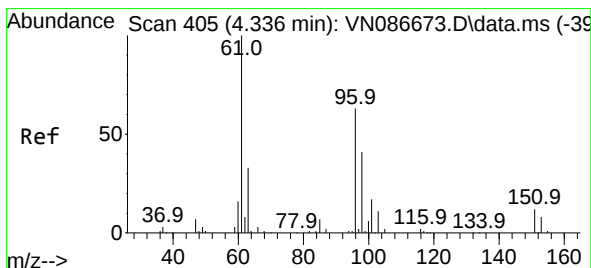
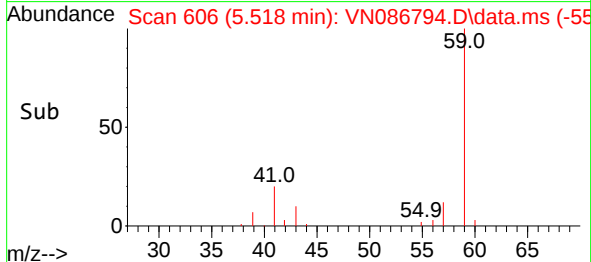
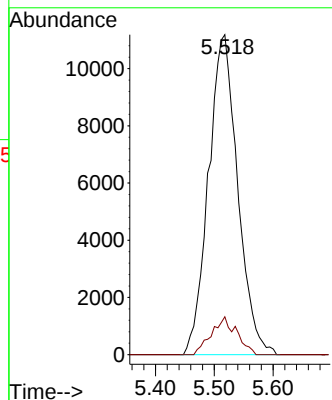
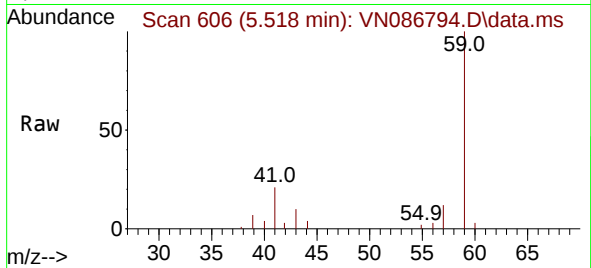
#11
Tert butyl alcohol
Concen: 78.832 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 59 Resp: 38659
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

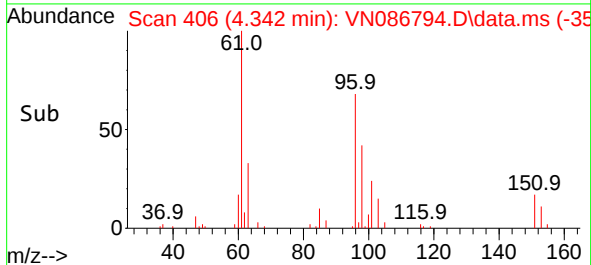
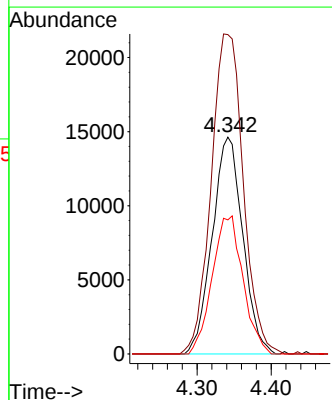
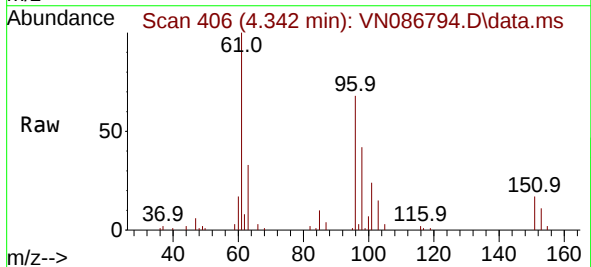
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#12
1,1-Dichloroethene
Concen: 19.287 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

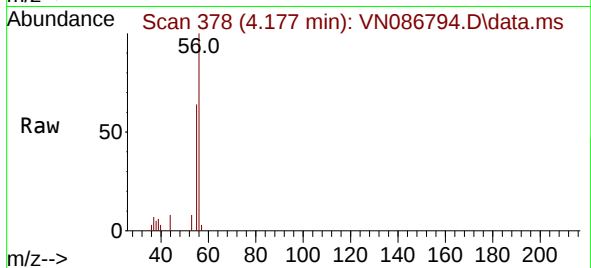
Tgt Ion: 96 Resp: 41919
Ion Ratio Lower Upper
96 100
61 147.3 126.2 189.2
98 61.9 51.5 77.3





#13
Acrolein
Concen: 42.673 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

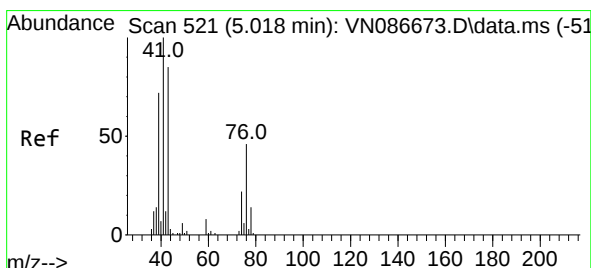
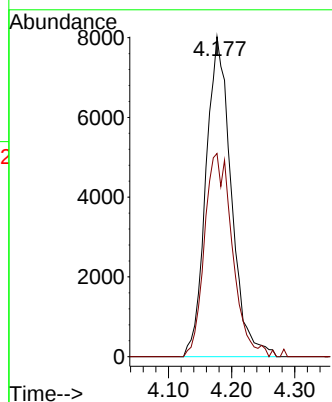
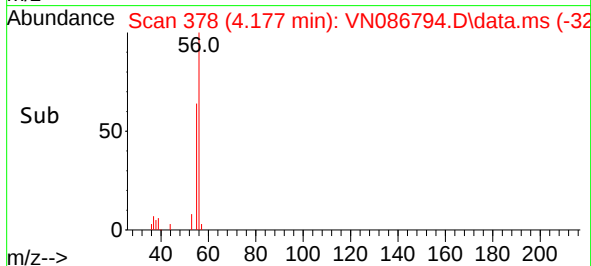
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 56 Resp: 2237
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

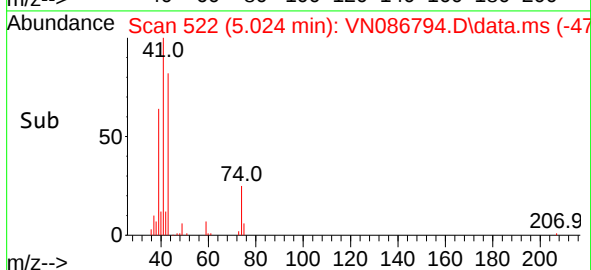
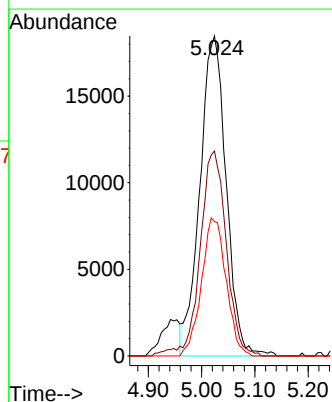
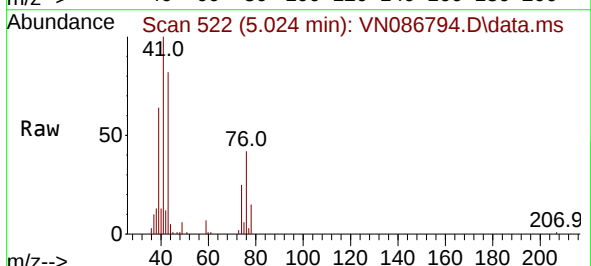
Manual Integrations
APPROVED

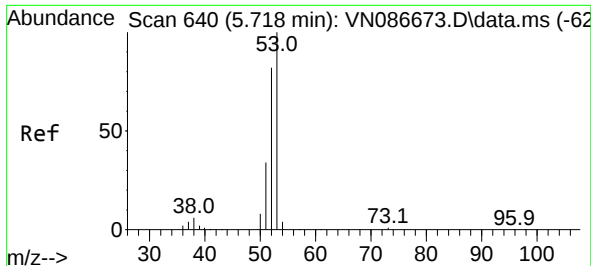
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#14
Allyl chloride
Concen: 19.279 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

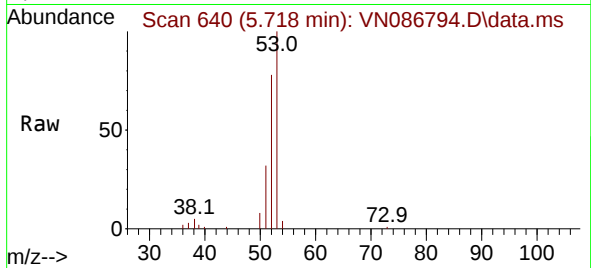
Tgt Ion: 41 Resp: 63421
Ion Ratio Lower Upper
41 100
39 63.7 57.4 86.0
76 40.2 33.2 49.8





#15
Acrylonitrile
Concen: 93.523 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

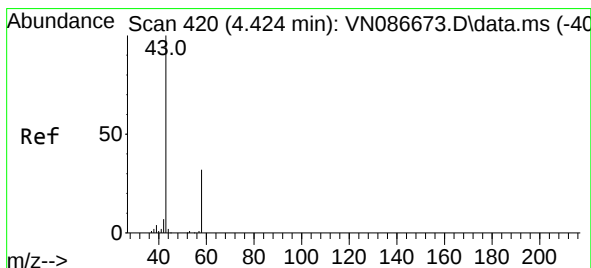
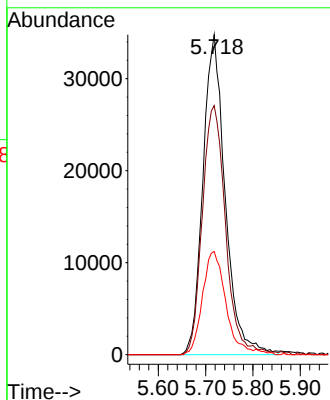
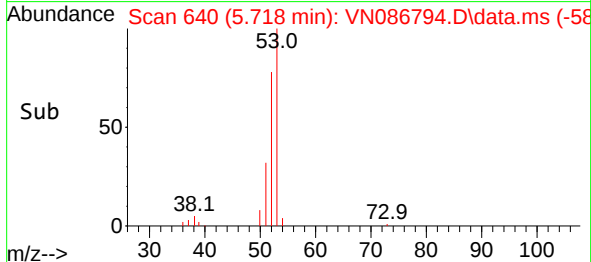
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 53 Resp: 11355
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.2
51 34.2 27.9 41.9

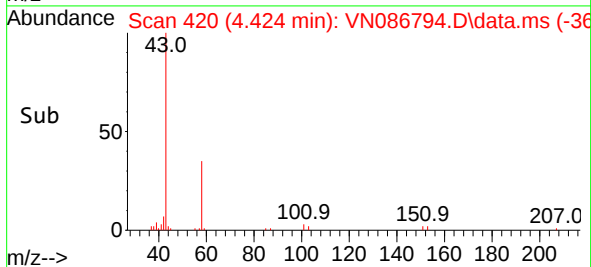
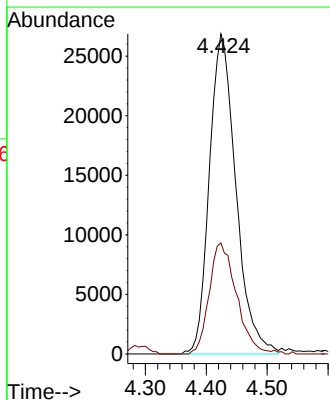
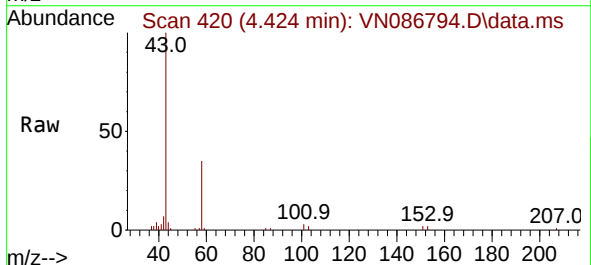
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#16
Acetone
Concen: 80.778 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion: 43 Resp: 81362
Ion Ratio Lower Upper
43 100
58 34.7 25.8 38.6





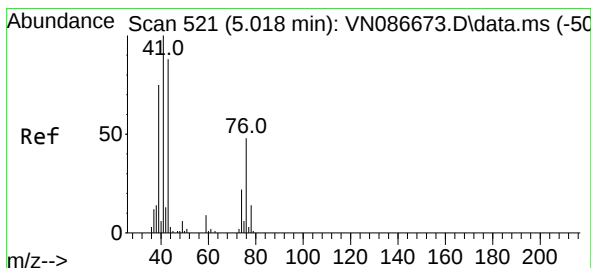
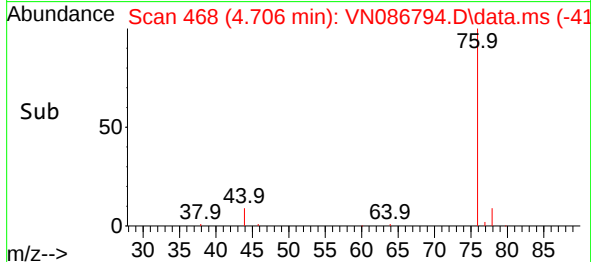
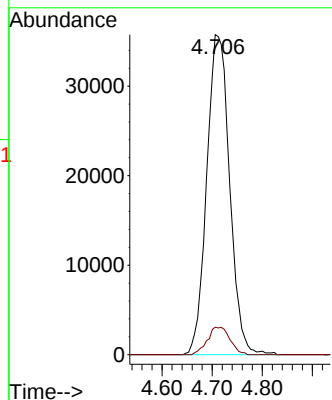
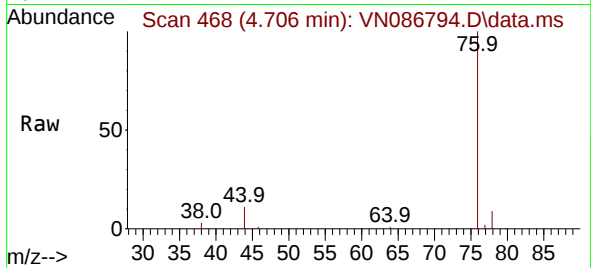
#17
Carbon Disulfide
Concen: 18.871 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 76 Resp: 11355
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9

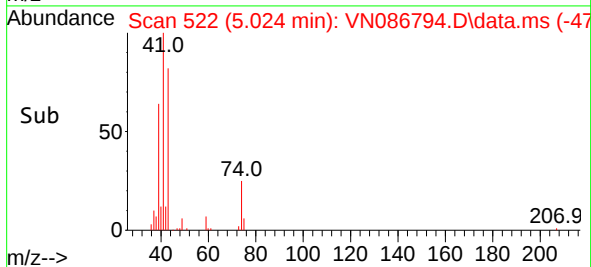
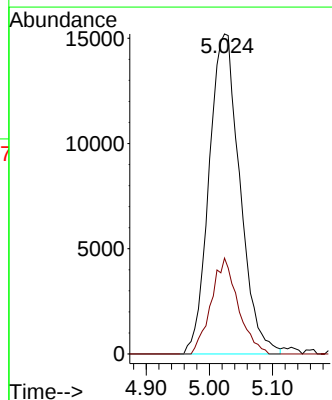
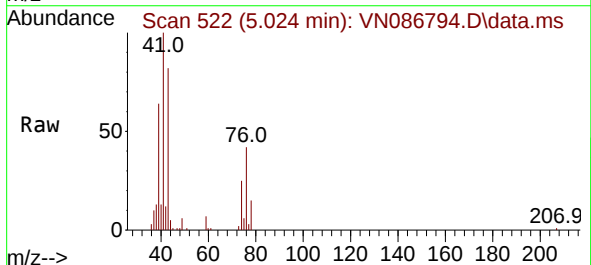
Manual Integrations
APPROVED

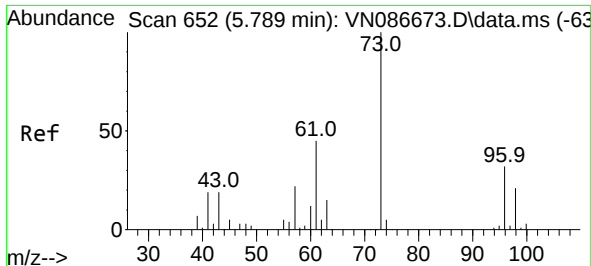
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#18
Methyl Acetate
Concen: 18.270 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion: 43 Resp: 51505
Ion Ratio Lower Upper
43 100
74 26.2 20.5 30.7





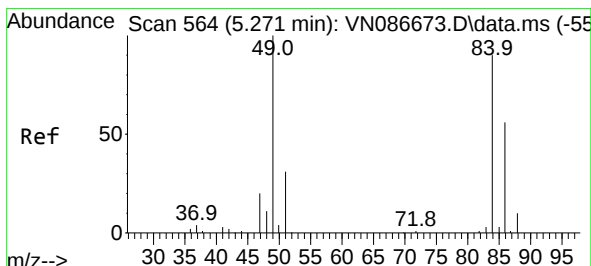
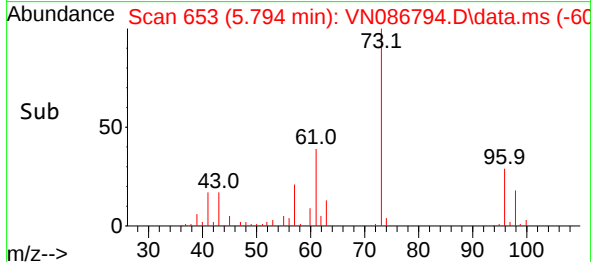
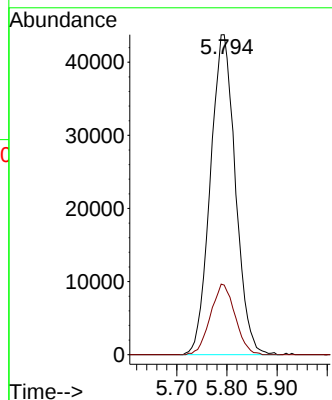
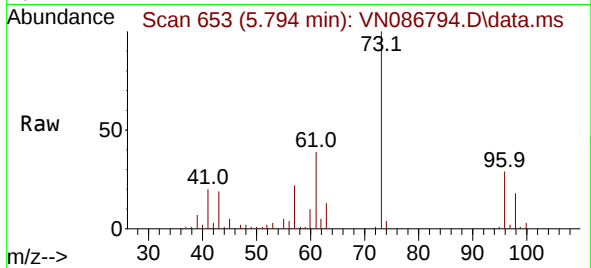
#19
Methyl tert-butyl Ether
Concen: 20.541 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 73 Resp: 15201
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

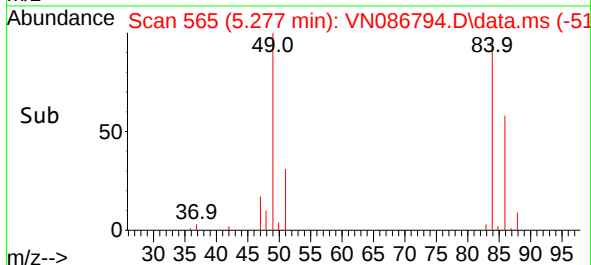
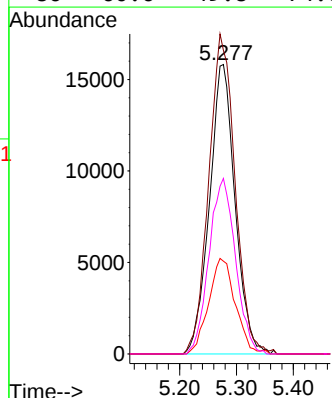
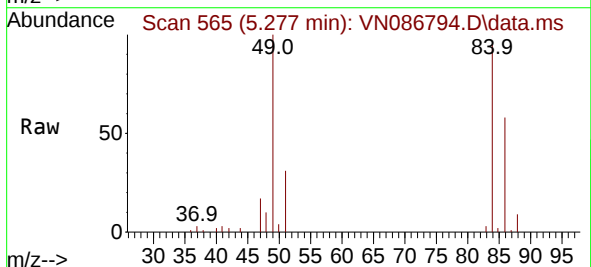
Manual Integrations
APPROVED

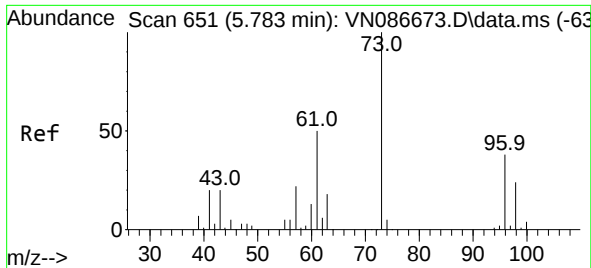
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 18.662 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

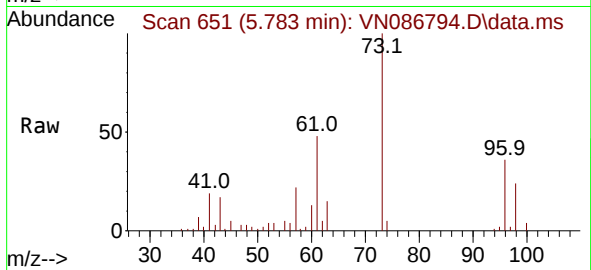
Tgt Ion: 84 Resp: 49602
Ion Ratio Lower Upper
84 100
49 105.0 88.8 133.2
51 32.1 27.8 41.6
86 60.6 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 18.877 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

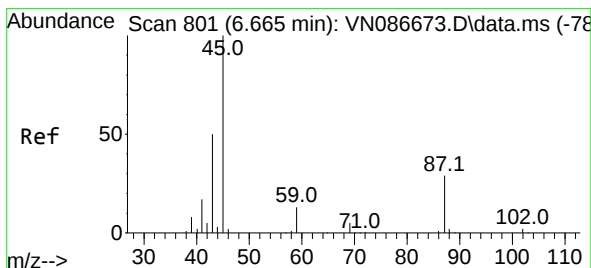
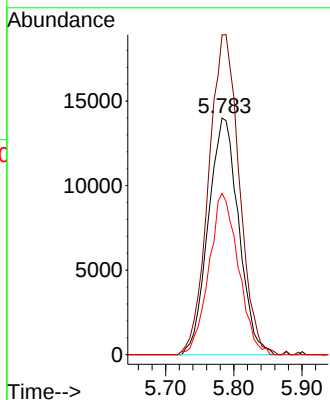
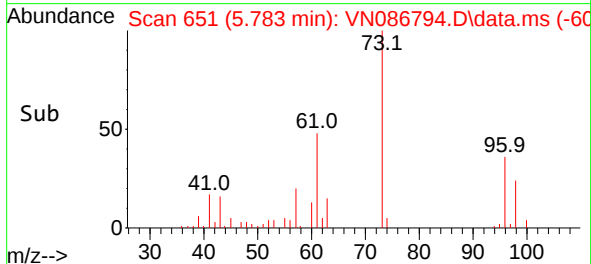
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



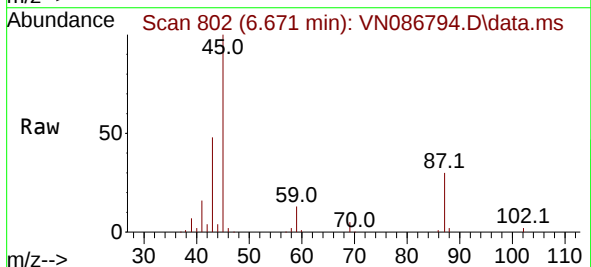
Tgt Ion: 96 Resp: 4337
Ion Ratio Lower Upper
96 100
61 135.1 105.7 158.5
98 68.1 51.0 76.6

Manual Integrations
APPROVED

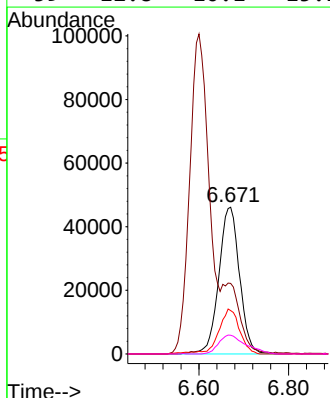
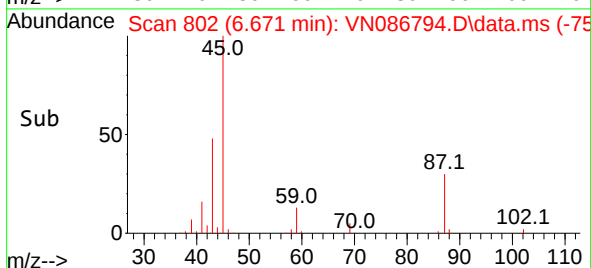
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

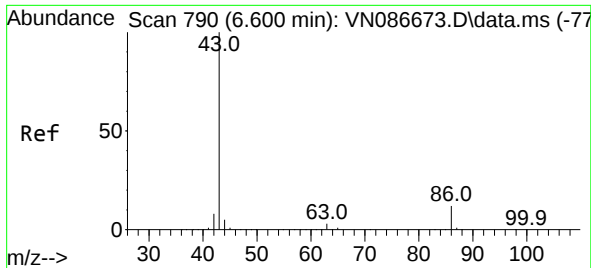


#22
Diisopropyl ether
Concen: 19.976 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



Tgt Ion: 45 Resp: 148259
Ion Ratio Lower Upper
45 100
43 47.3 41.4 62.2
87 29.5 22.9 34.3
59 12.8 10.1 15.1





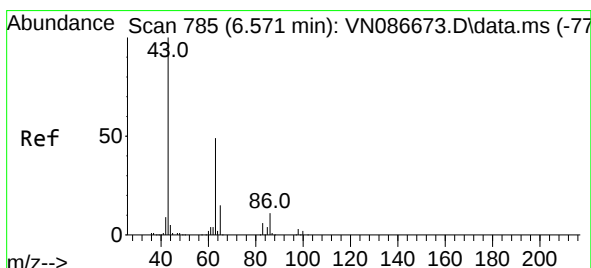
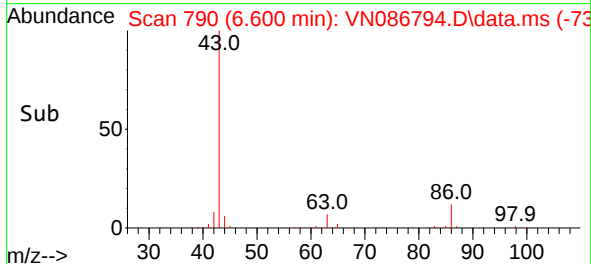
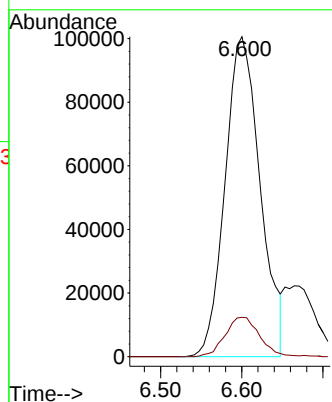
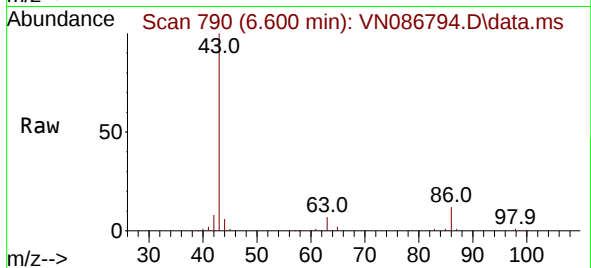
#23
 Vinyl Acetate
 Concen: 54.257 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086794.D
 Acq: 28 May 2025 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01

Tgt Ion: 43 Resp: 30264
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.5 14.3

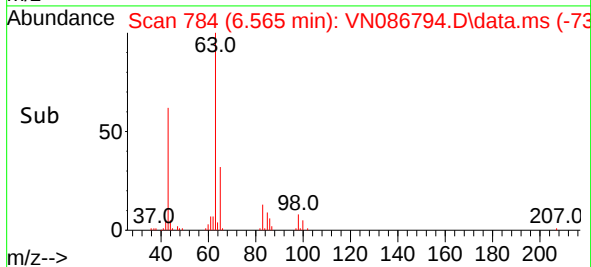
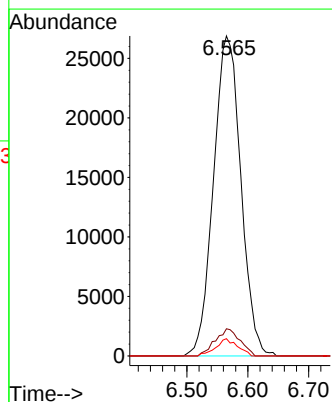
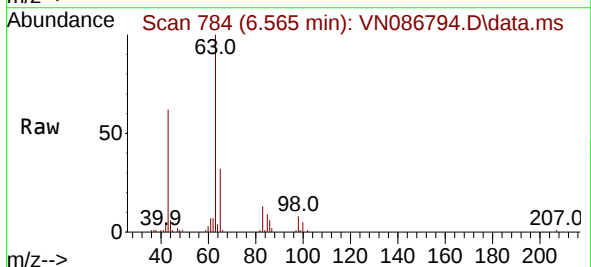
Manual Integrations
 APPROVED

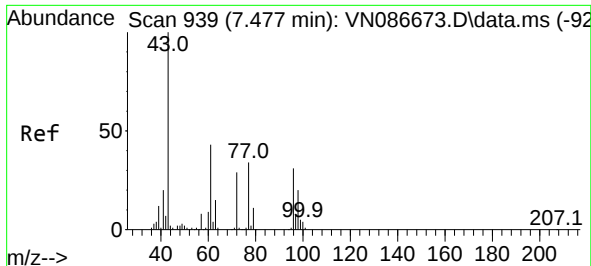
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 19.255 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086794.D
 Acq: 28 May 2025 12:59

Tgt Ion: 63 Resp: 83900
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.4 10.2
 100 5.4 2.4 7.1





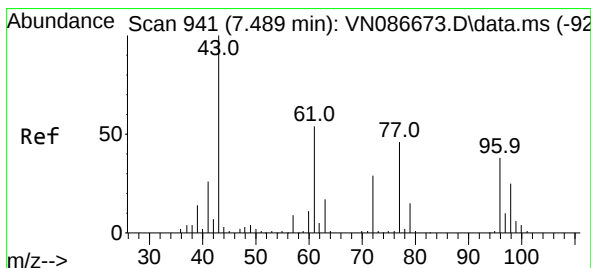
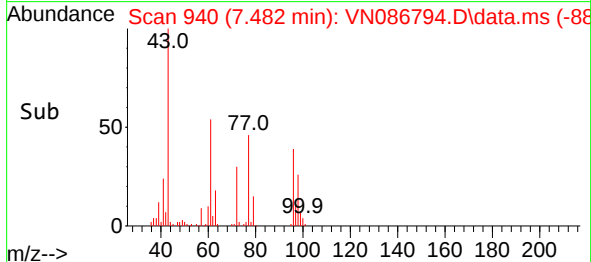
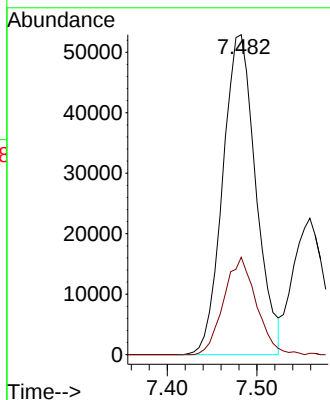
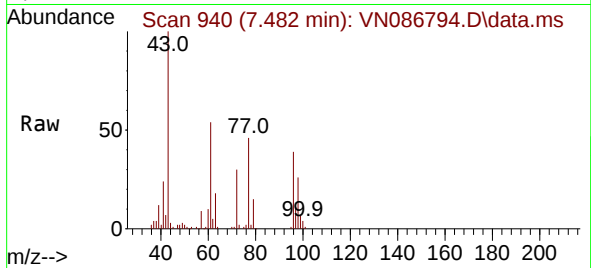
#25
2-Butanone
Concen: 87.226 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 43 Resp: 135762
Ion Ratio Lower Upper
43 100
72 30.4 23.1 34.7

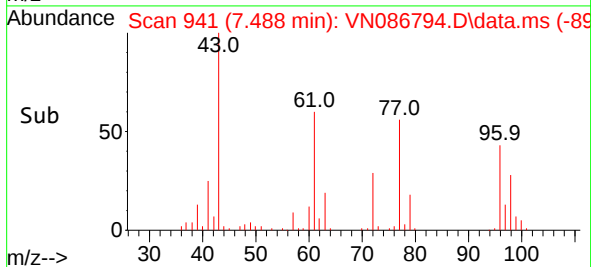
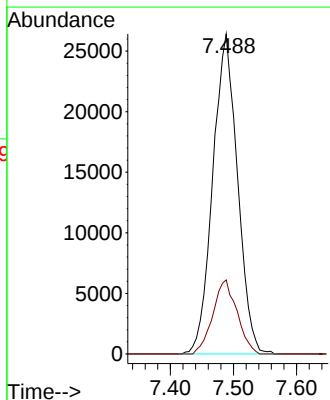
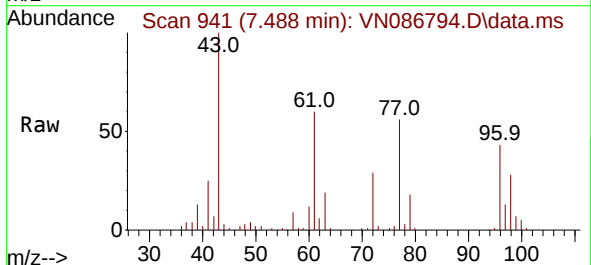
Manual Integrations
APPROVED

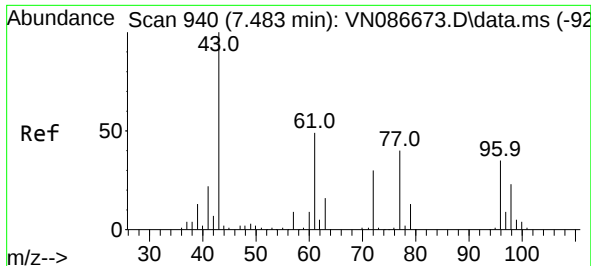
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 19.991 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

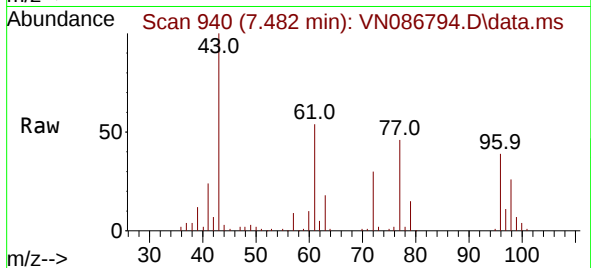
Tgt Ion: 77 Resp: 71888
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.298 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086794.D
 Acq: 28 May 2025 12:59

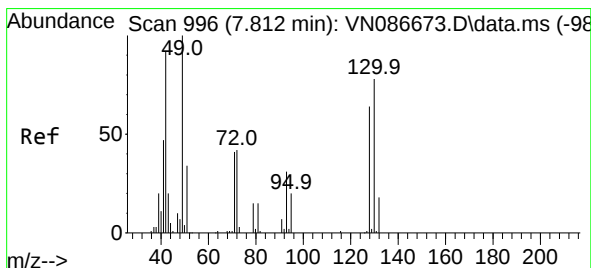
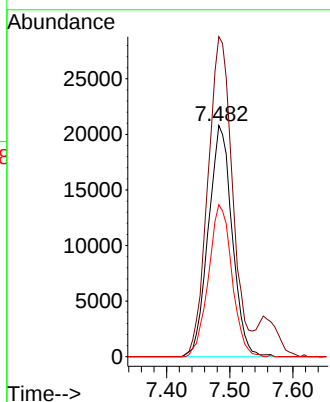
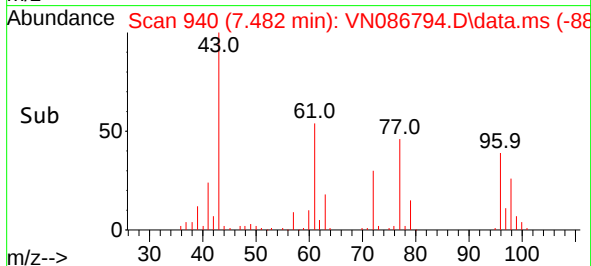
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01



Tgt Ion: 96 Resp: 5443
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 277.4
 98 64.7 0.0 129.6

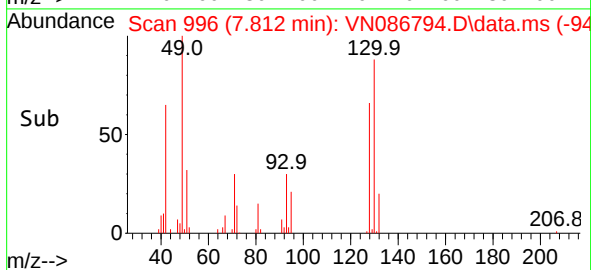
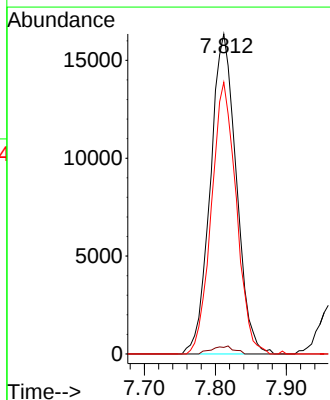
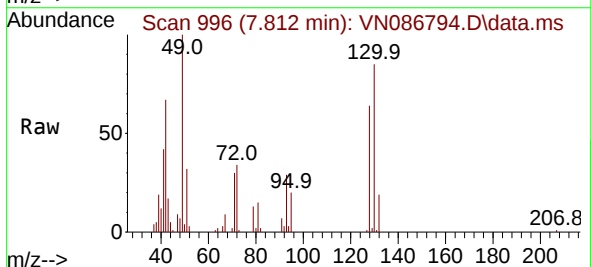
Manual Integrations
 APPROVED

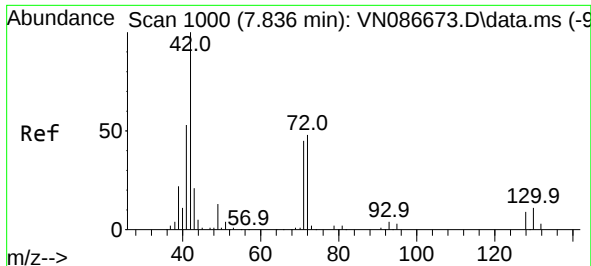
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 20.945 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086794.D
 Acq: 28 May 2025 12:59

Tgt Ion: 49 Resp: 41465
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 81.1 62.2 93.4





#29

Tetrahydrofuran

Concen: 91.909 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBSD01

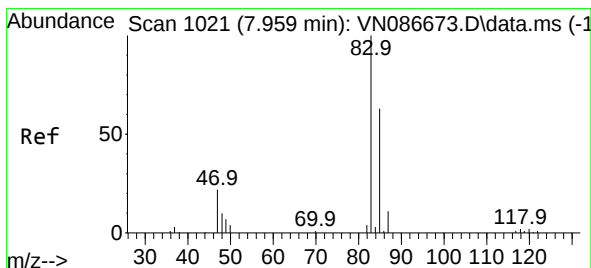
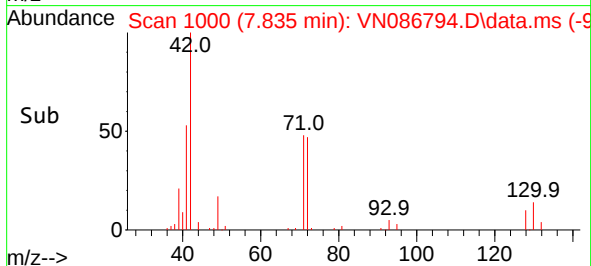
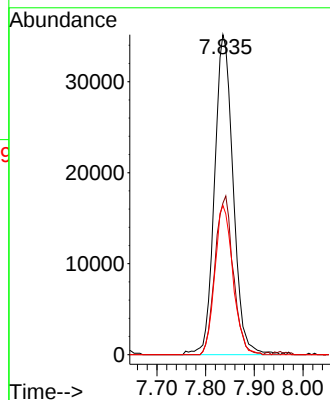
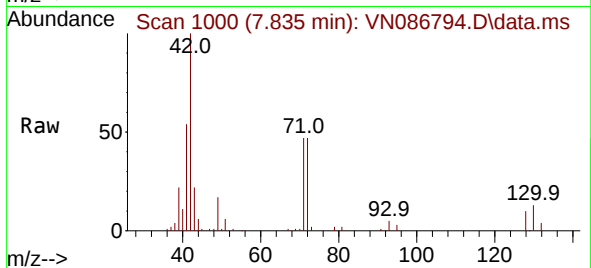
Tgt Ion:	42	Resp:	93372
Ion	Ratio	Lower	Upper
42	100		
72	48.4	38.7	58.1
71	45.4	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 19.460 ug/l

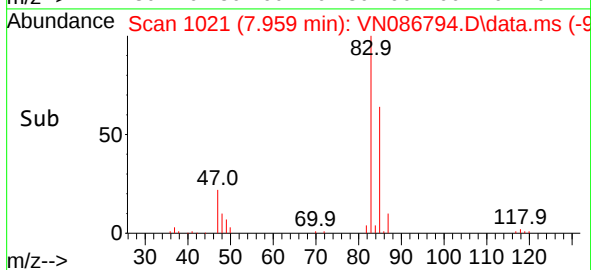
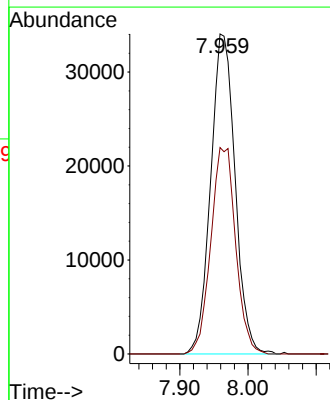
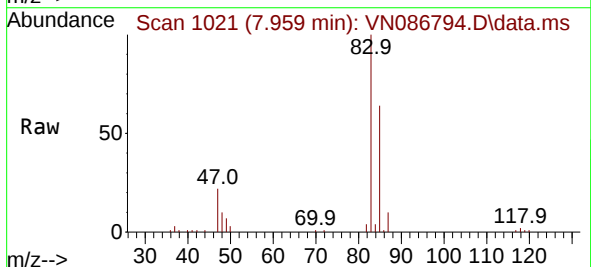
RT: 7.959 min Scan# 1021

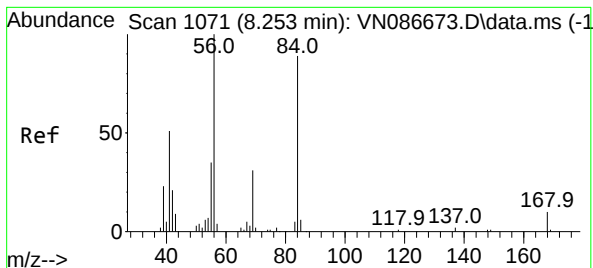
Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

Tgt Ion:	83	Resp:	84871
Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.2	75.4





#31

Cyclohexane

Concen: 18.492 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBSD01

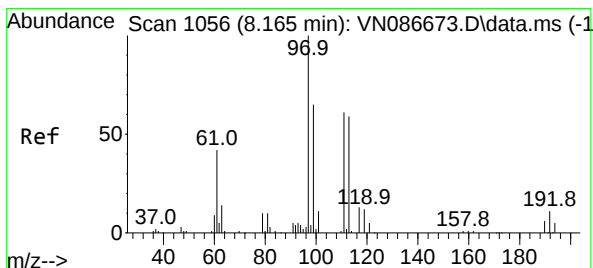
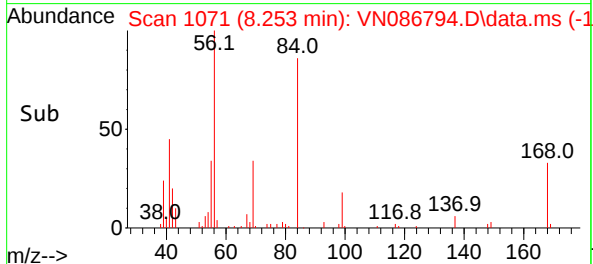
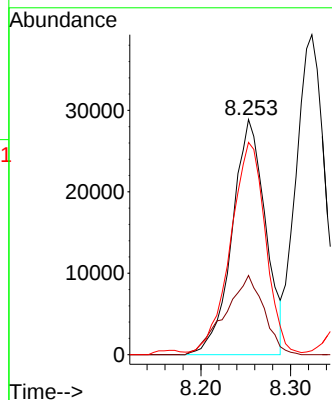
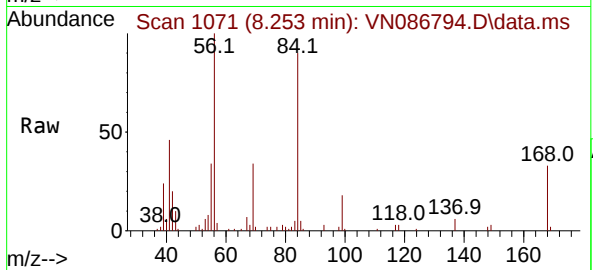
Tgt Ion:	56	Resp:	7473
Ion Ratio	Lower	Upper	
56	100		
69	33.7	25.0	37.6
84	89.0	71.0	106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#32

1,1,1-Trichloroethane

Concen: 19.703 ug/l

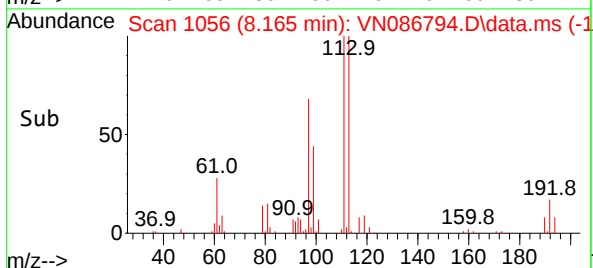
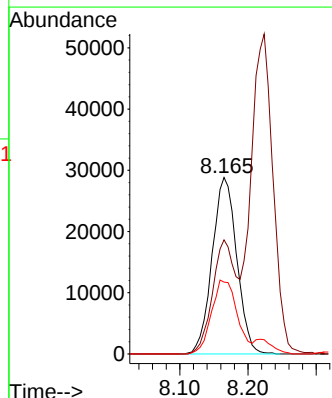
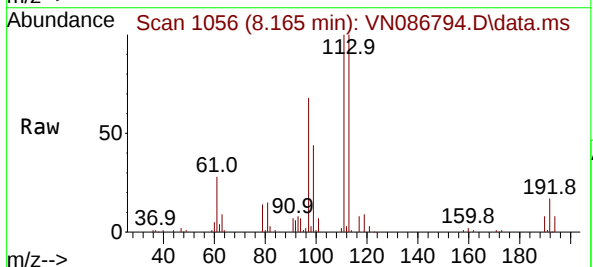
RT: 8.165 min Scan# 1056

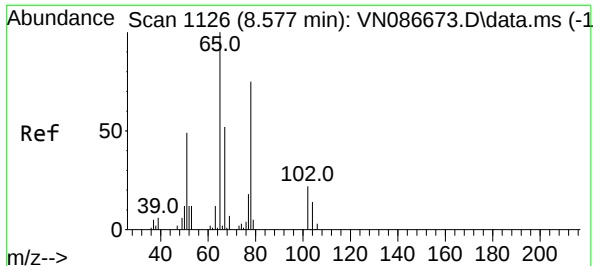
Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

Tgt Ion:	97	Resp:	72450
Ion Ratio	Lower	Upper	
97	100		
99	62.5	52.6	79.0
61	43.7	37.7	56.5





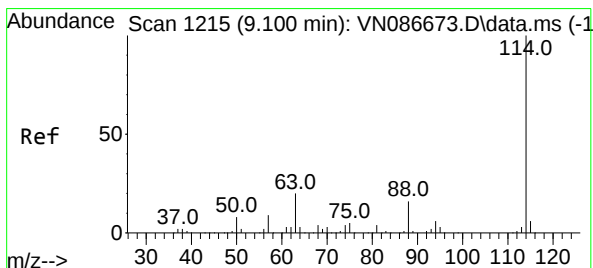
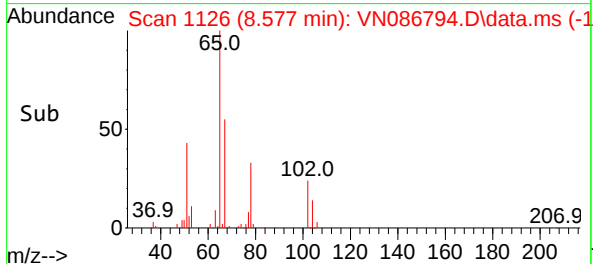
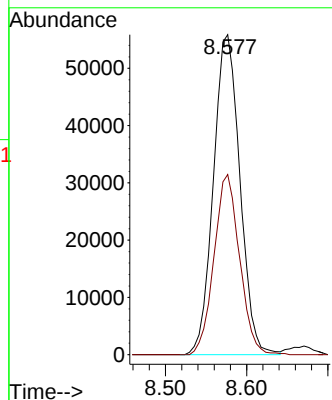
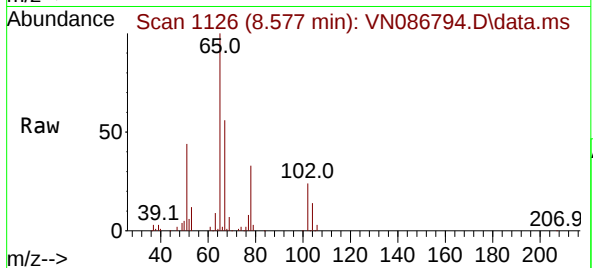
#33
1,2-Dichloroethane-d4
Concen: 47.101 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 65 Resp: 126825
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.4

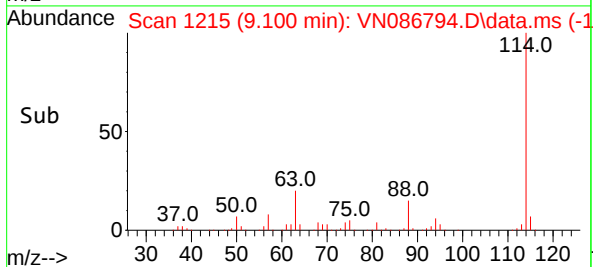
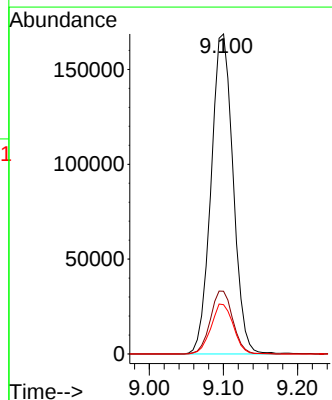
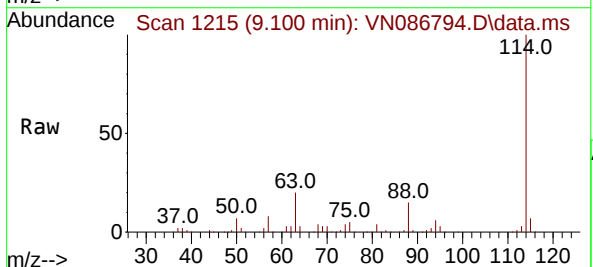
Manual Integrations
APPROVED

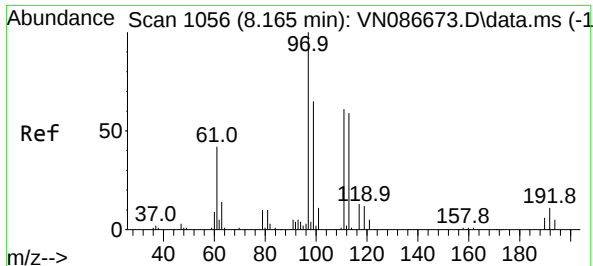
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

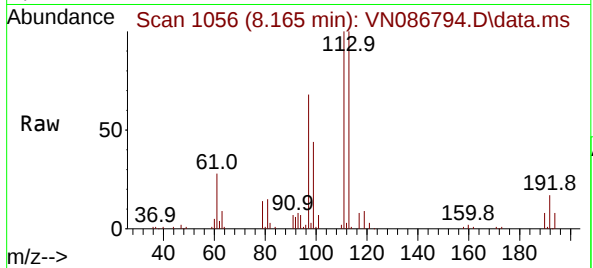
Tgt Ion:114 Resp: 348503
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.2
88 15.4 0.0 31.2





#35
Dibromofluoromethane
Concen: 48.502 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

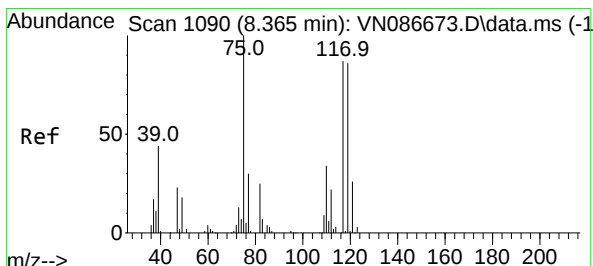
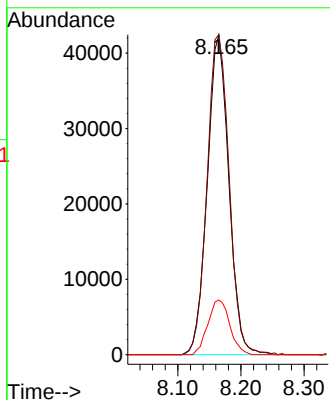
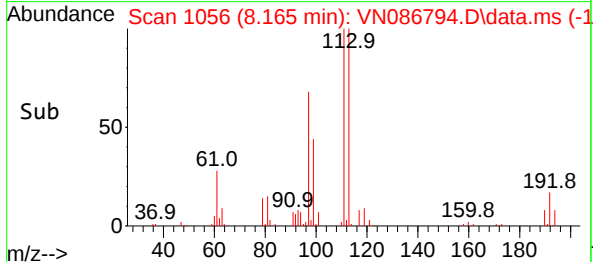
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



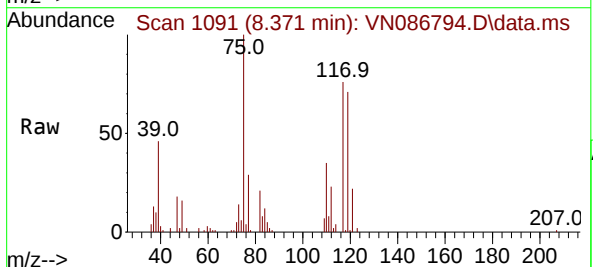
Tgt Ion:113 Resp: 10066
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 17.4 13.8 20.8

Manual Integrations
APPROVED

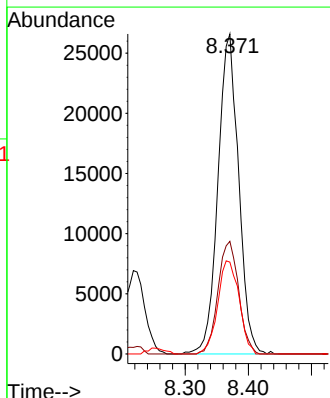
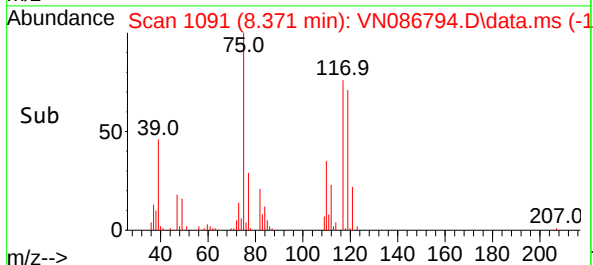
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

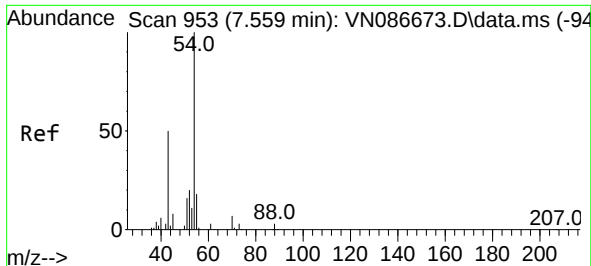


#36
1,1-Dichloropropene
Concen: 19.708 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



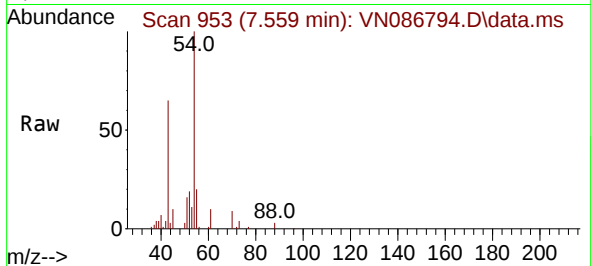
Tgt Ion: 75 Resp: 60335
Ion Ratio Lower Upper
75 100
110 35.3 17.5 52.5
77 30.2 25.1 37.7





#37
Ethyl Acetate
Concen: 18.295 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

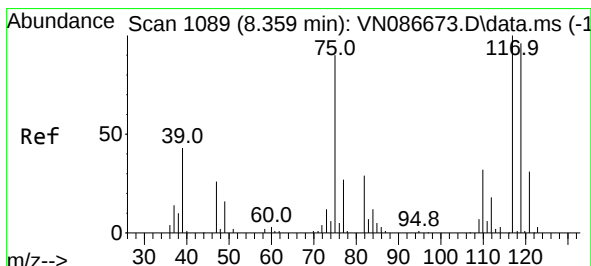
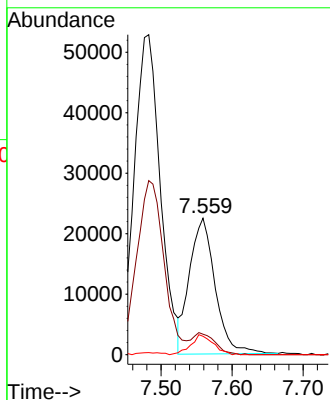
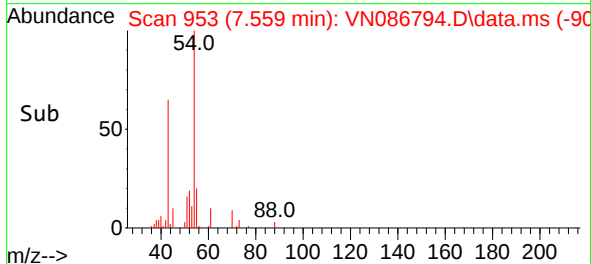
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 43 Resp: 56570
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 12.8 9.4 14.0

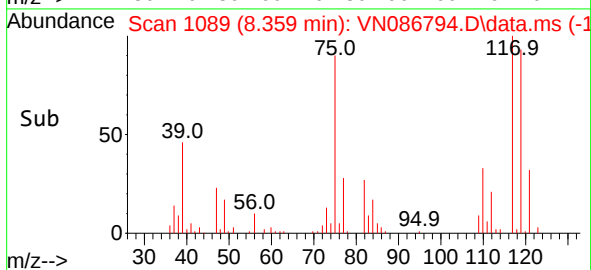
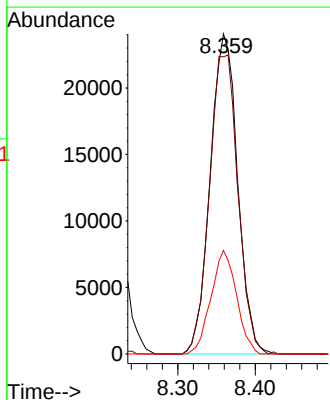
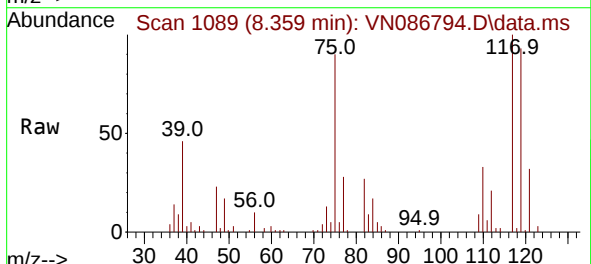
Manual Integrations
APPROVED

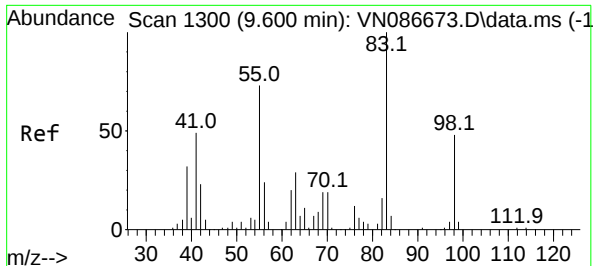
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 19.634 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion:117 Resp: 59224
Ion Ratio Lower Upper
117 100
119 92.9 77.0 115.6
121 32.3 25.0 37.6





#39

Methylcyclohexane

Concen: 19.992 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBSD01

Tgt Ion: 83 Resp: 6624

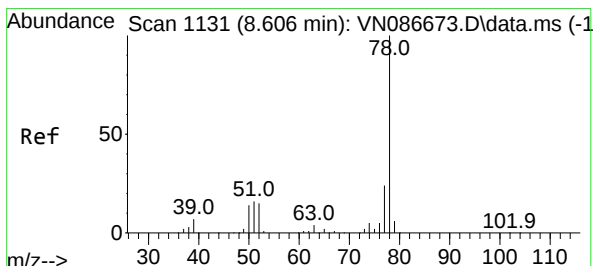
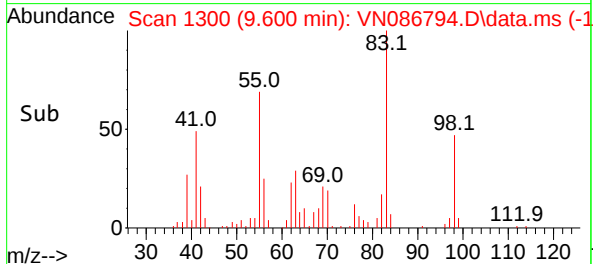
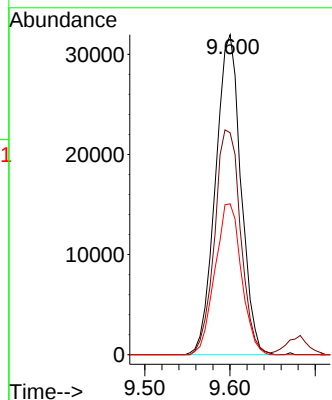
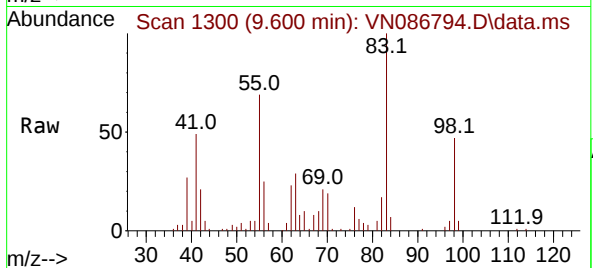
Ion	Ratio	Lower	Upper
83	100		
55	69.3	58.2	87.4
98	47.1	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 20.084 ug/l

RT: 8.600 min Scan# 1130

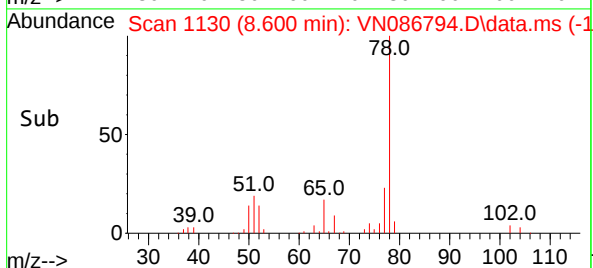
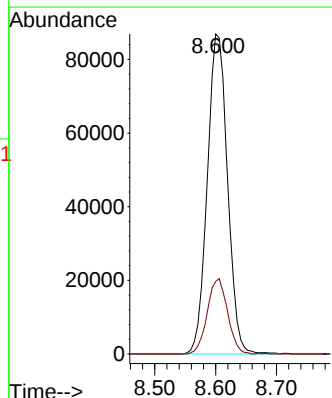
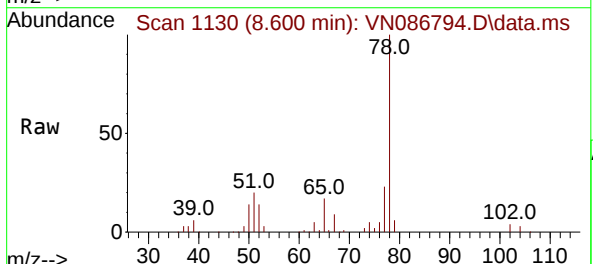
Delta R.T. -0.006 min

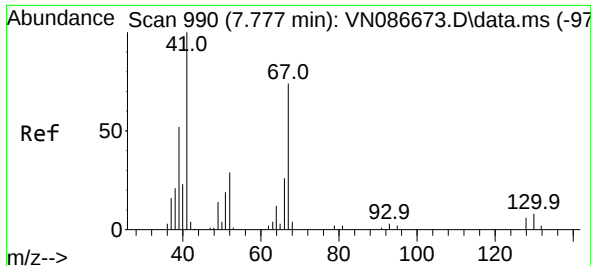
Lab File: VN086794.D

Acq: 28 May 2025 12:59

Tgt Ion: 78 Resp: 200576

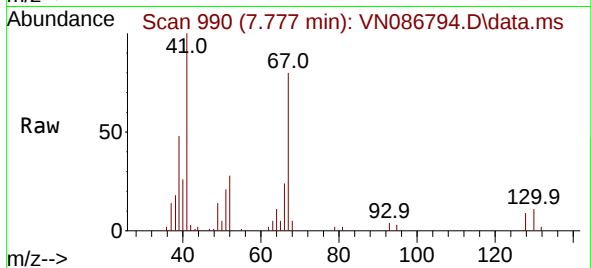
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.1	28.7





#41
Methacrylonitrile
Concen: 18.513 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

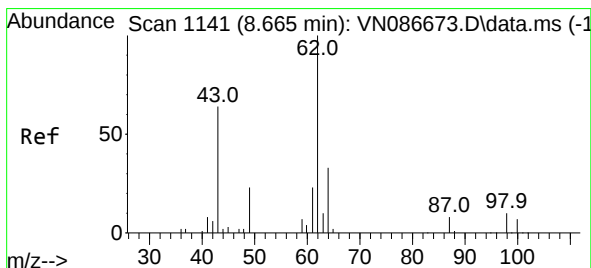
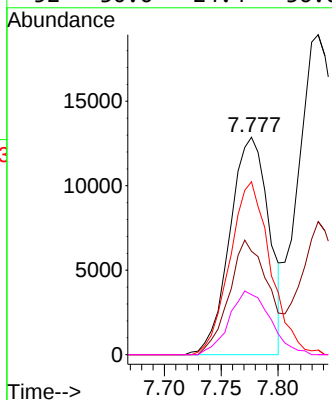
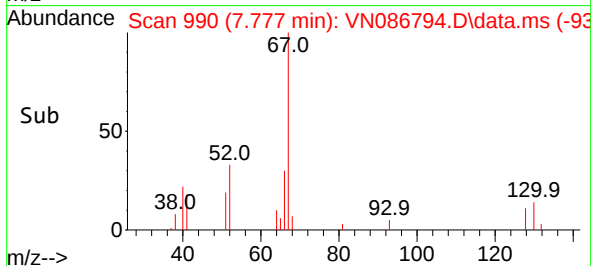
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



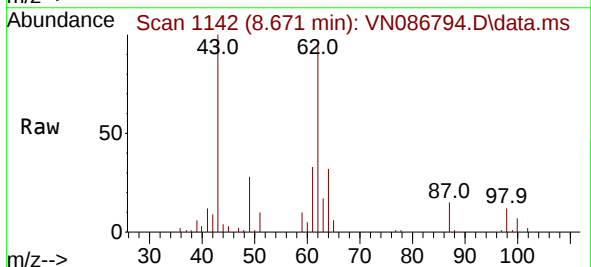
Tgt Ion:	41	Resp:	3091
Ion Ratio	100	Lower	Upper
39	54.1	44.9	67.3
67	82.6	63.4	95.0
52	30.6	24.4	36.6

Manual Integrations
APPROVED

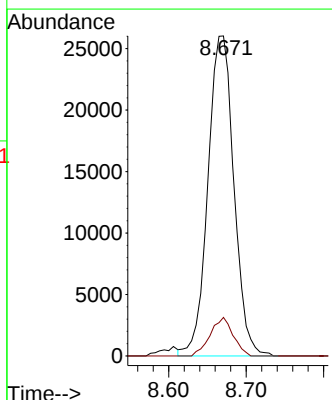
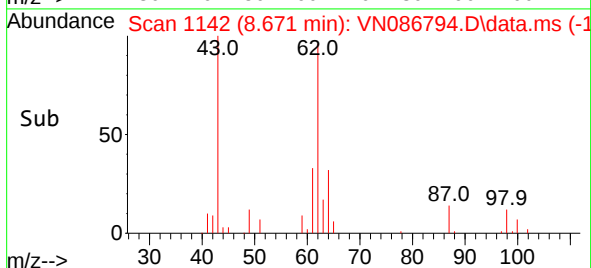
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

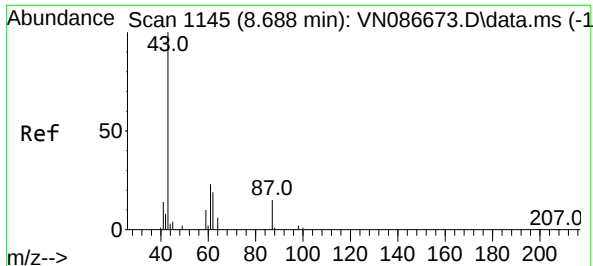


#42
1,2-Dichloroethane
Concen: 19.557 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



Tgt Ion:	62	Resp:	60848
Ion Ratio	100	Lower	Upper
98	10.6	0.0	19.2





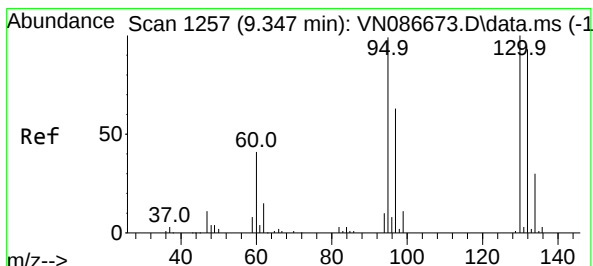
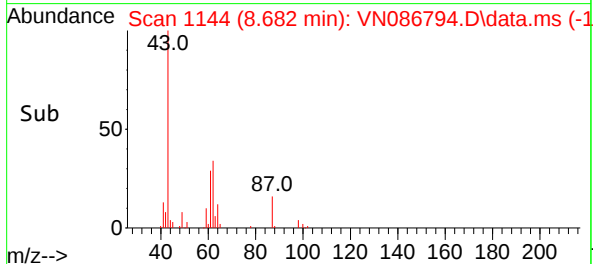
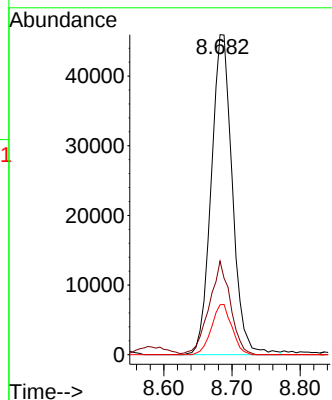
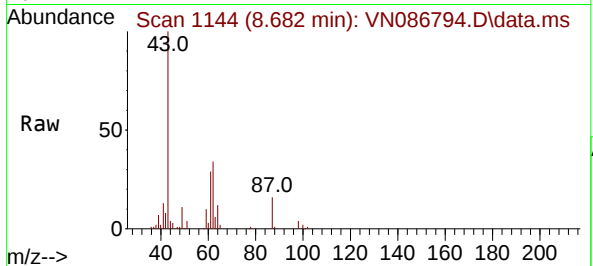
#43
Isopropyl Acetate
Concen: 15.996 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 43 Resp: 99169
Ion Ratio Lower Upper
43 100
61 29.4 21.4 32.2
87 15.1 11.1 16.7

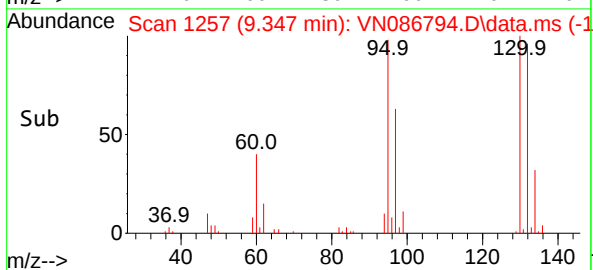
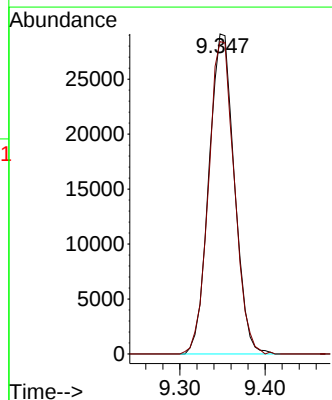
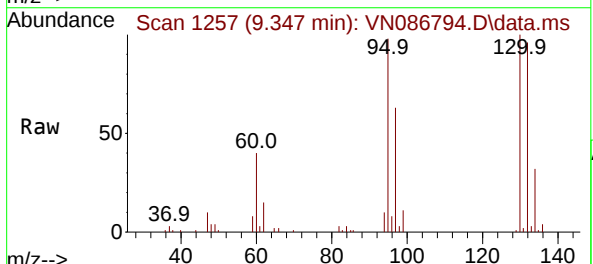
Manual Integrations
APPROVED

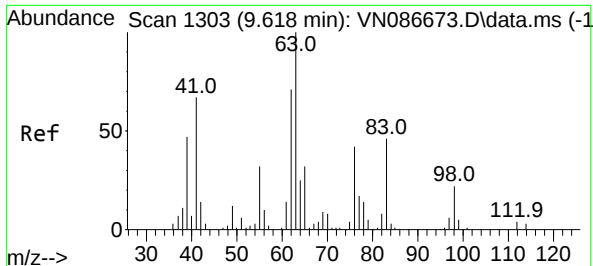
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 25.084 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion:130 Resp: 60422
Ion Ratio Lower Upper
130 100
95 97.6 0.0 197.0





#45

1,2-Dichloropropane

Concen: 20.253 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBSD01

Tgt Ion: 63 Resp: 48050

Ion Ratio Lower Upper

63 100

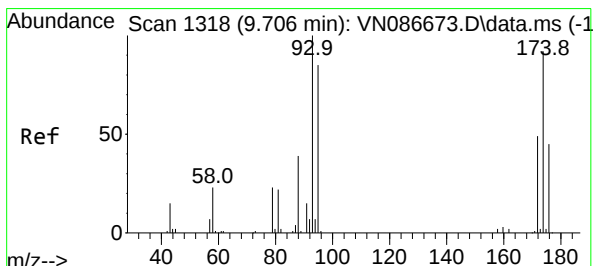
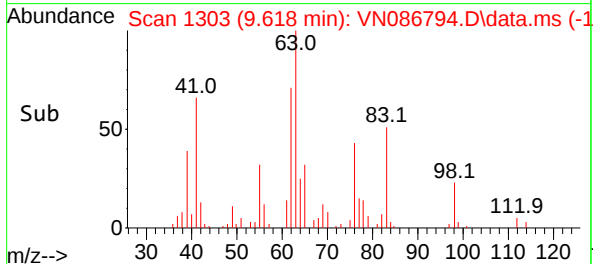
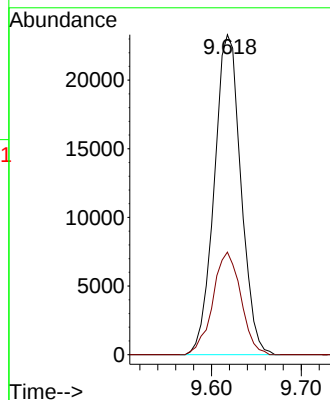
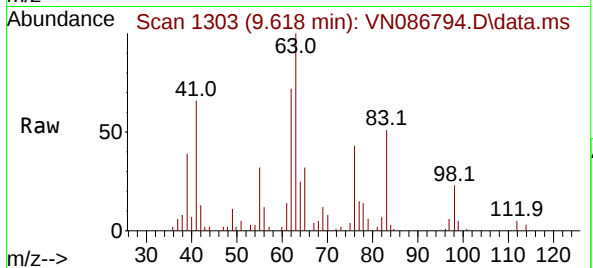
65 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 20.129 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

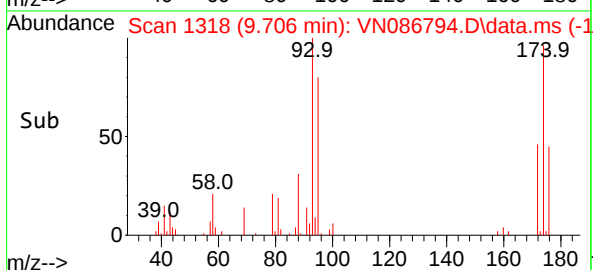
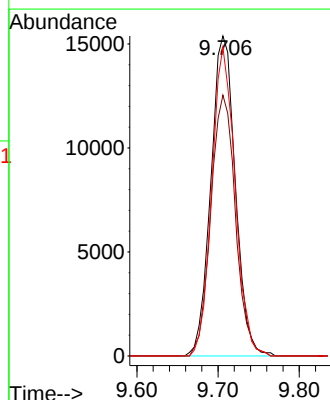
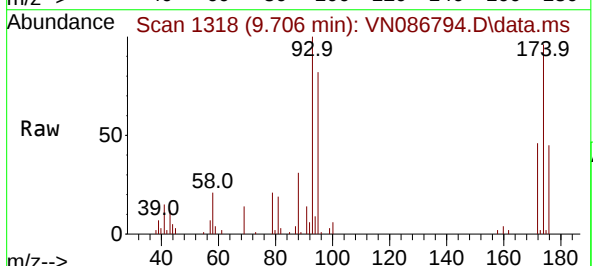
Tgt Ion: 93 Resp: 32223

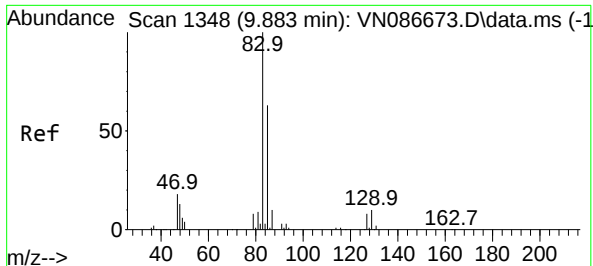
Ion Ratio Lower Upper

93 100

95 82.0 67.1 100.7

174 91.8 73.8 110.6





#47

Bromodichloromethane

Concen: 20.573 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBSD01

Tgt Ion: 83 Resp: 67855

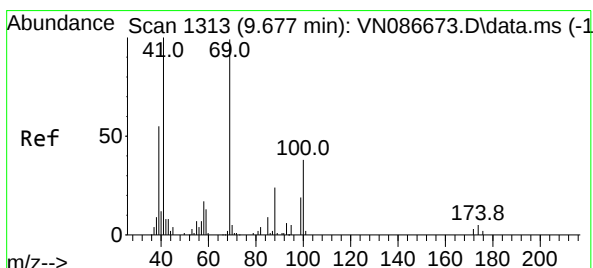
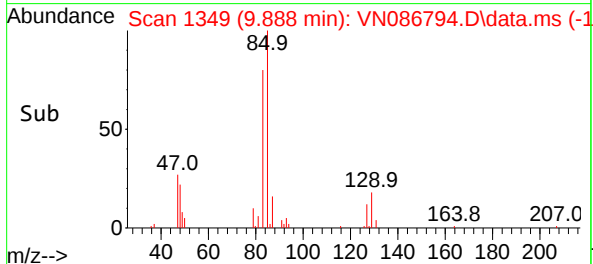
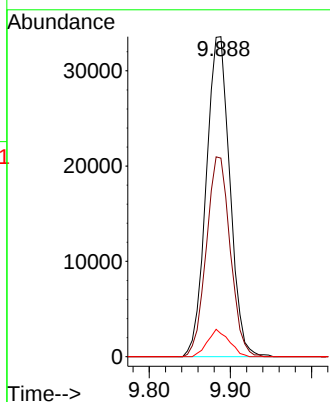
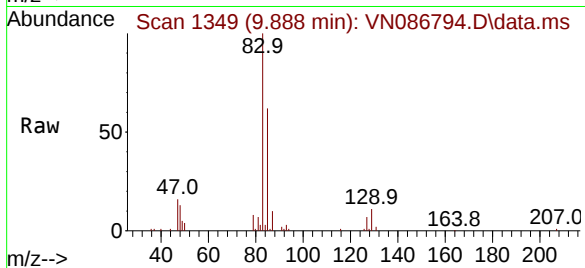
Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.1	75.1
127	7.2	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#48

Methyl methacrylate

Concen: 18.547 ug/l

RT: 9.676 min Scan# 1313

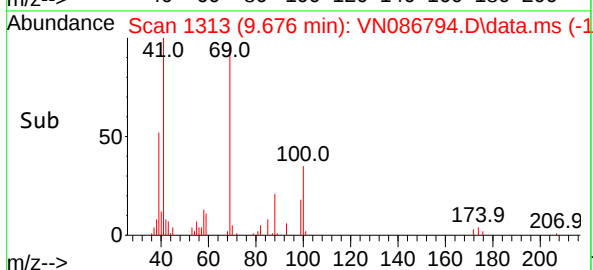
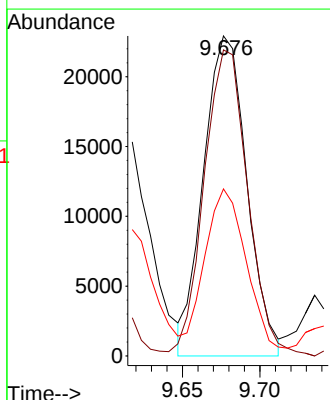
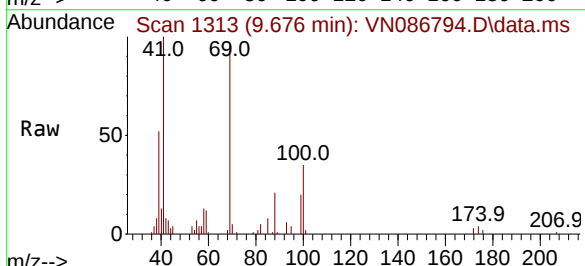
Delta R.T. -0.000 min

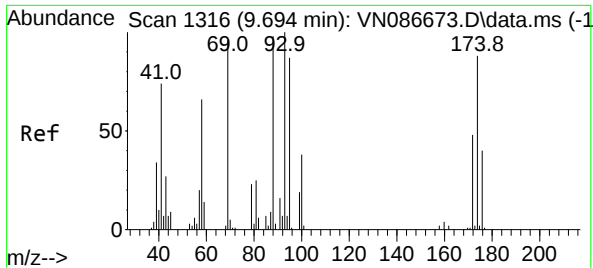
Lab File: VN086794.D

Acq: 28 May 2025 12:59

Tgt Ion: 41 Resp: 44555

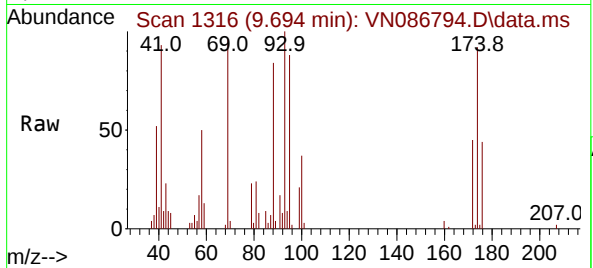
Ion	Ratio	Lower	Upper
41	100		
69	96.2	74.1	111.1
39	51.7	44.1	66.1





#49
1,4-Dioxane
Concen: 339.446 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

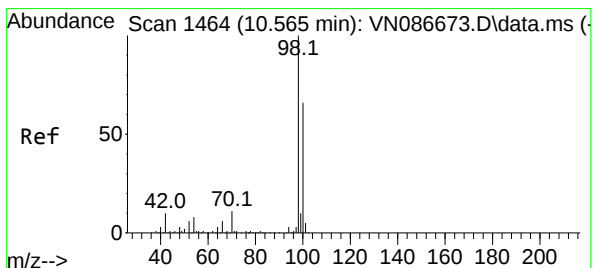
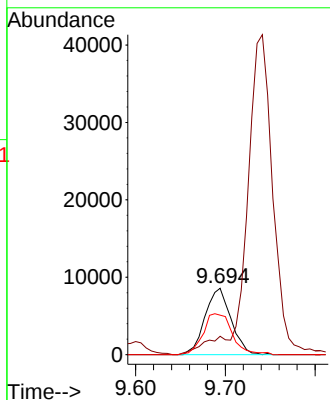
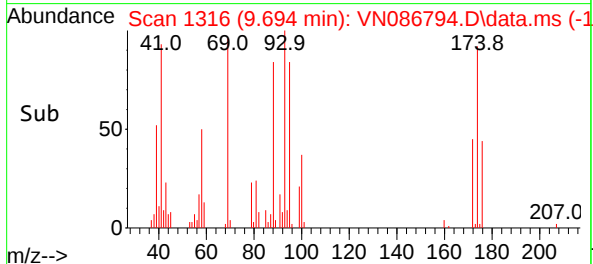
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 88 Resp: 1726
Ion Ratio Lower Upper
88 100
43 0.0 23.6 35.4
58 69.2 55.3 82.9

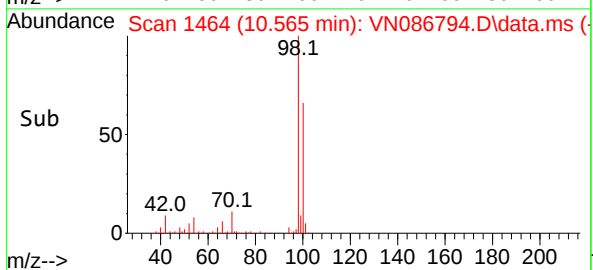
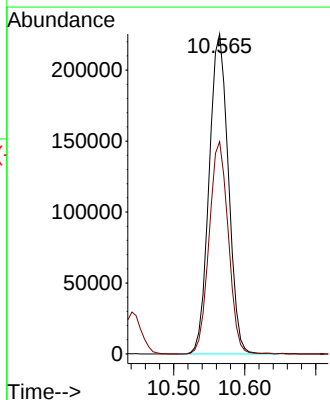
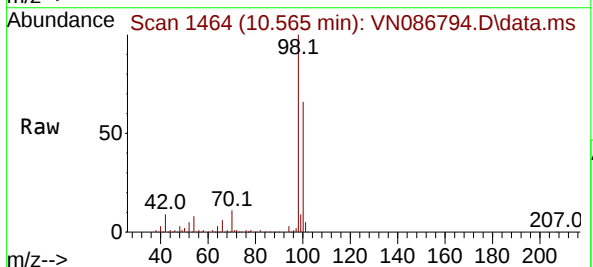
Manual Integrations
APPROVED

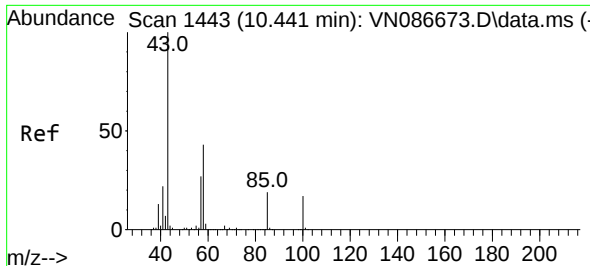
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#50
Toluene-d8
Concen: 49.269 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion: 98 Resp: 423757
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





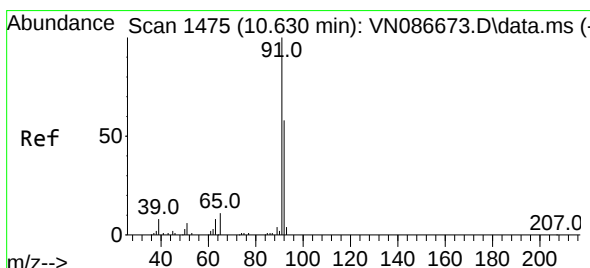
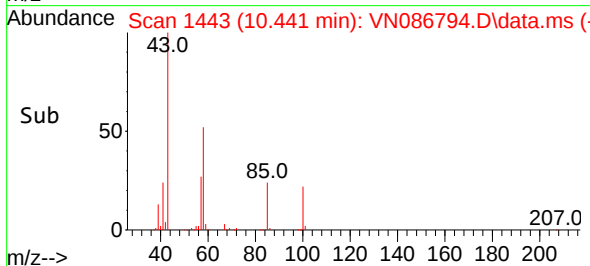
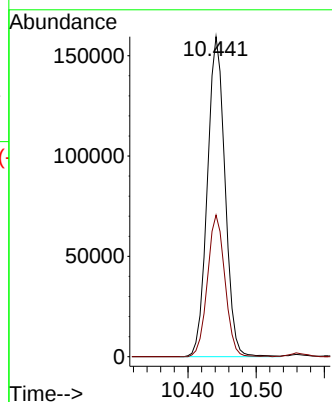
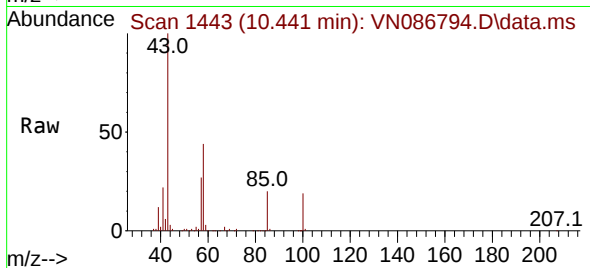
#51
4-Methyl-2-Pentanone
Concen: 91.782 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 43 Resp: 28694
Ion Ratio Lower Upper
43 100
58 43.9 33.9 50.9

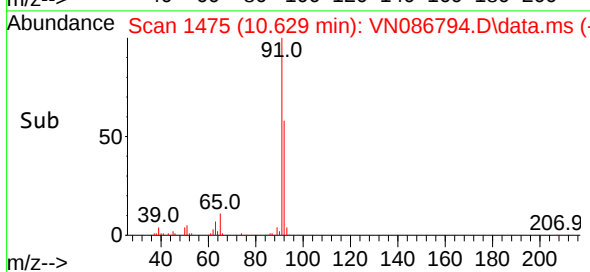
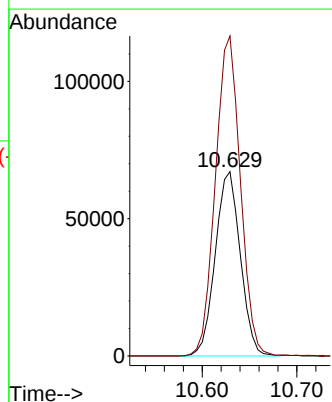
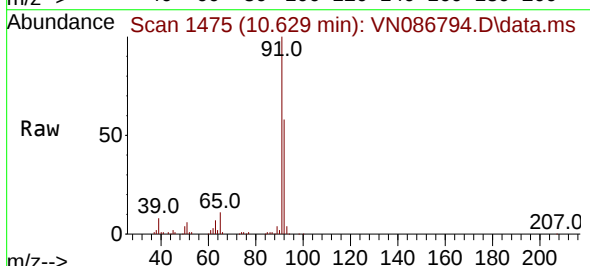
Manual Integrations
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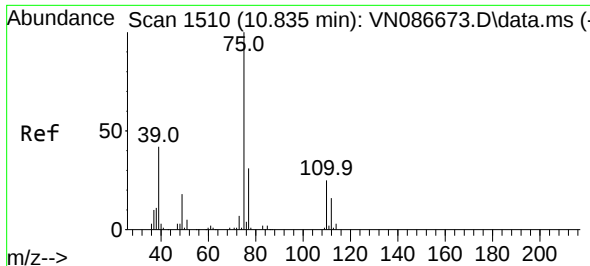
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 19.884 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion: 92 Resp: 123421
Ion Ratio Lower Upper
92 100
91 173.7 137.8 206.8





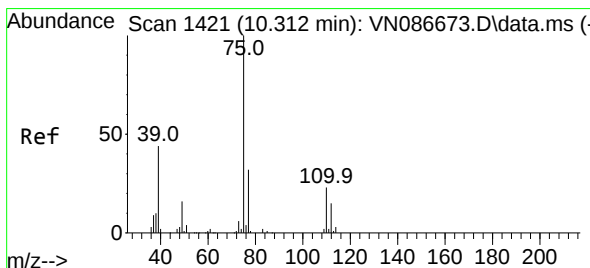
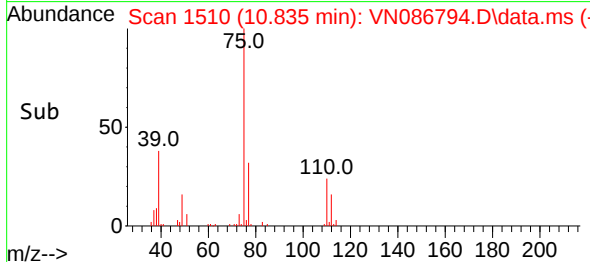
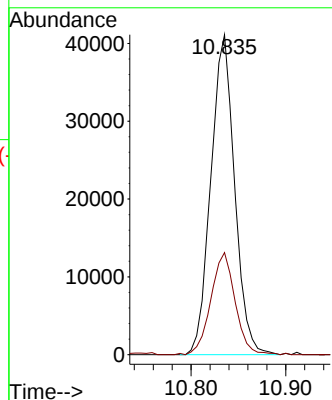
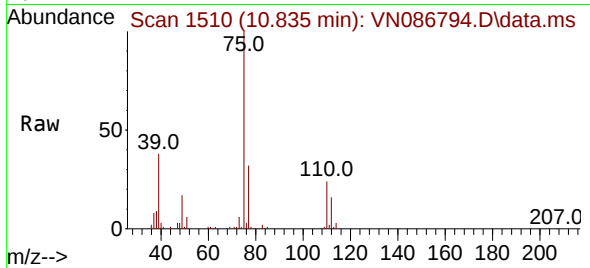
#53
 t-1,3-Dichloropropene
 Concen: 20.527 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN086794.D
 Acq: 28 May 2025 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01

Tgt Ion: 75 Resp: 7168
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8

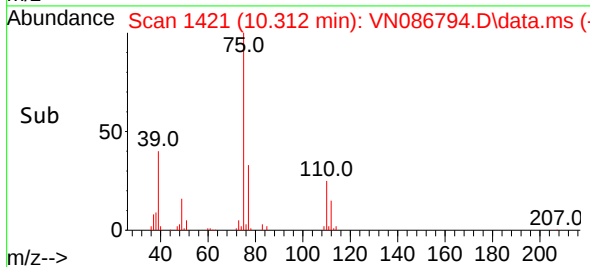
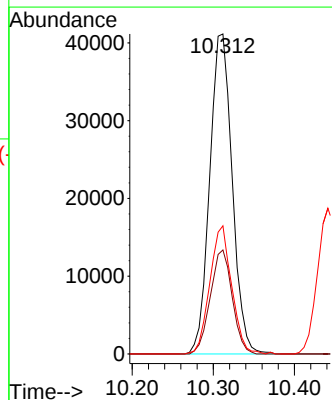
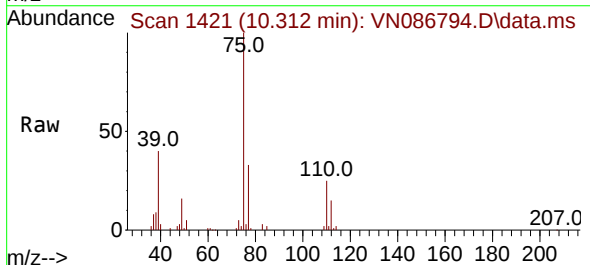
Manual Integrations
 APPROVED

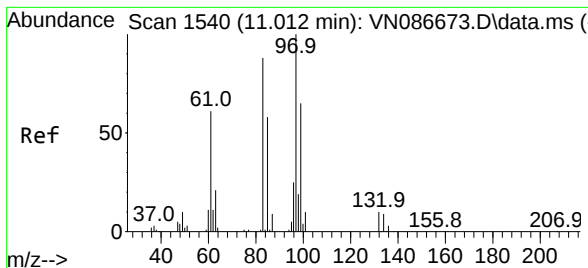
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.785 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086794.D
 Acq: 28 May 2025 12:59

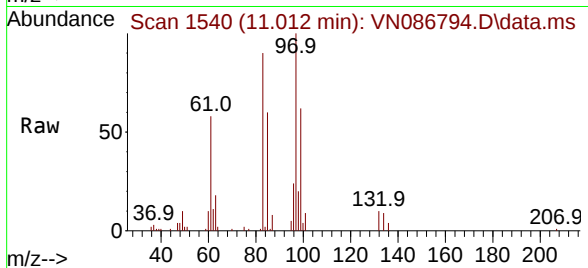
Tgt Ion: 75 Resp: 79236
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 40.1 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 20.201 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

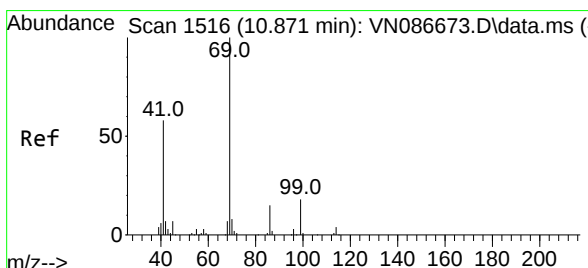
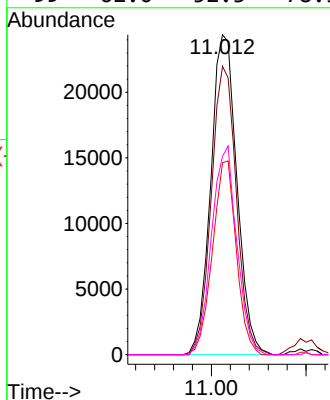
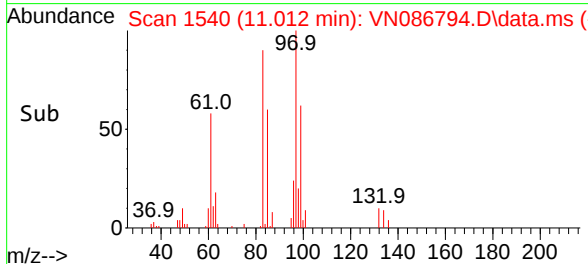
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



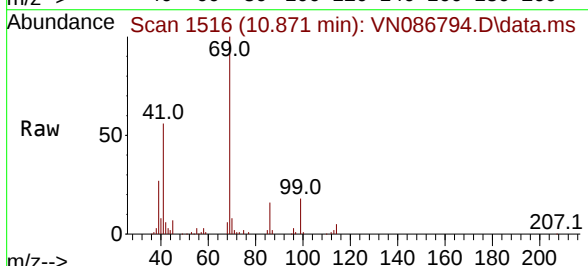
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.4	105.6
85	60.0	46.1	69.1
99	62.0	52.3	78.5

Manual Integrations
APPROVED

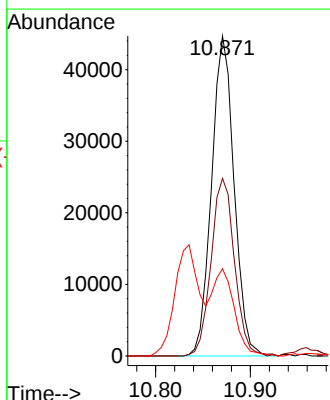
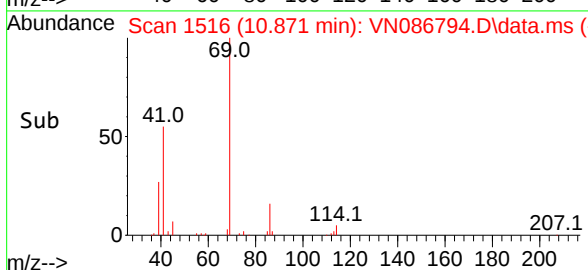
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

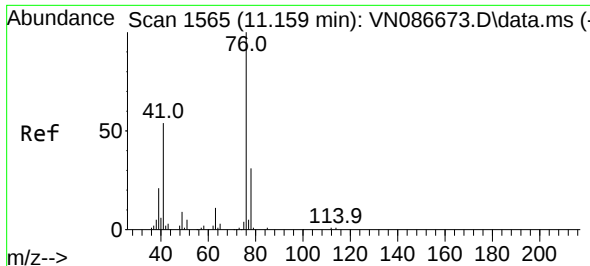


#56
Ethyl methacrylate
Concen: 19.852 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



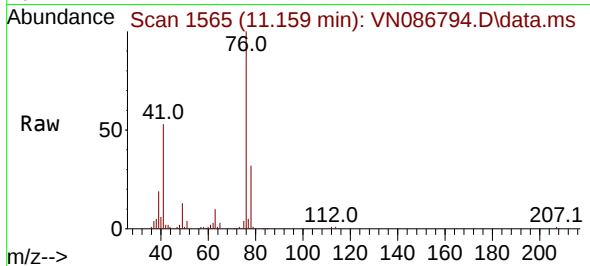
Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.4	71.0
39	27.0	24.0	36.0





#57
1,3-Dichloropropane
Concen: 20.395 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

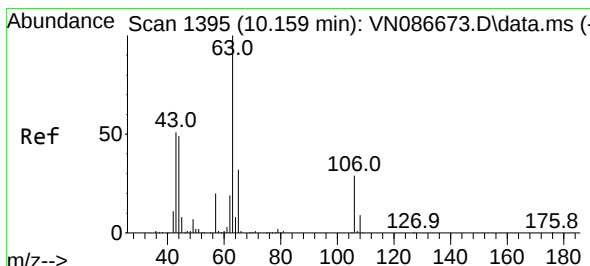
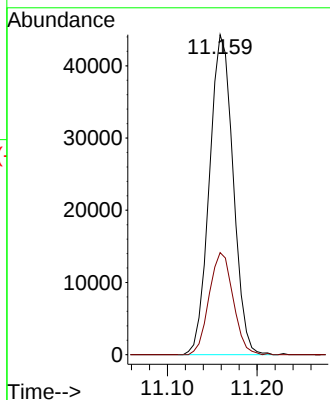
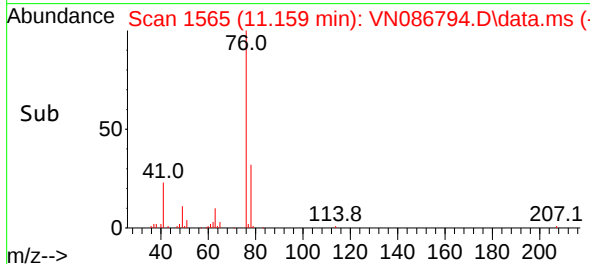
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 76 Resp: 81354
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

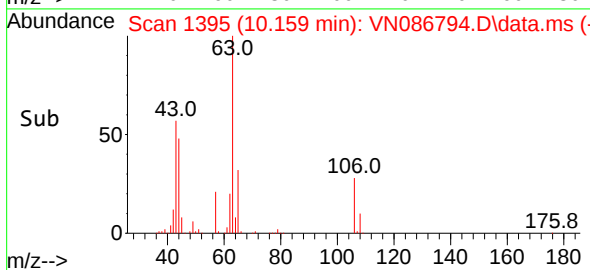
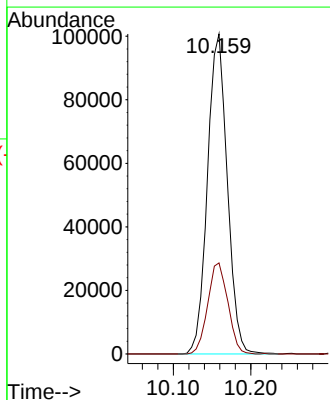
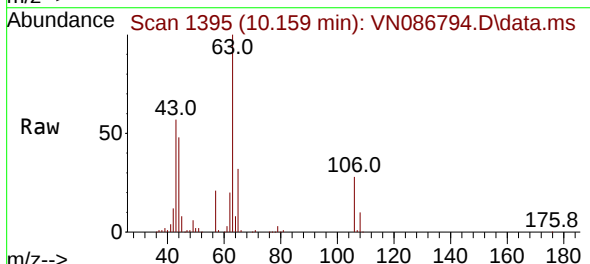
Manual Integrations
APPROVED

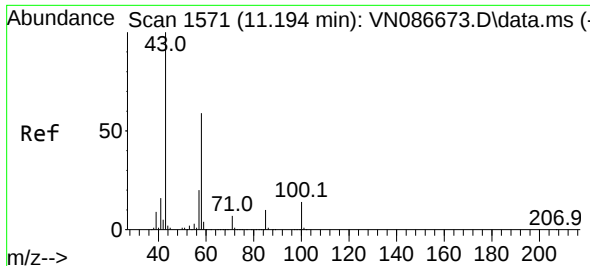
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 107.718 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

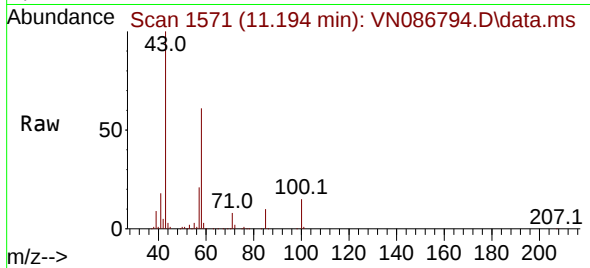
Tgt Ion: 63 Resp: 178975
Ion Ratio Lower Upper
63 100
106 28.8 23.1 34.7





#59
2-Hexanone
Concen: 89.636 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

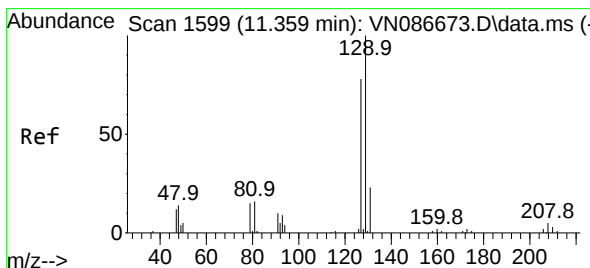
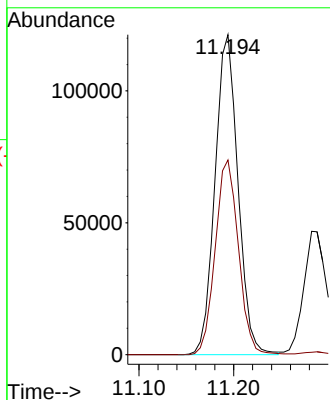
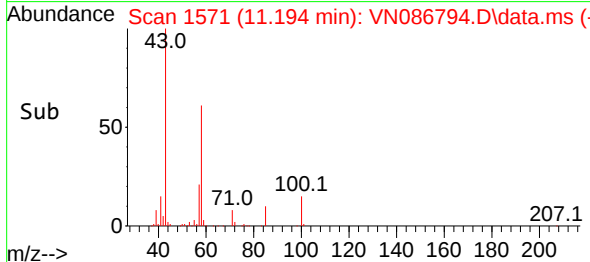
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 43 Resp: 20464
Ion Ratio Lower Upper
43 100
58 61.4 29.8 89.5

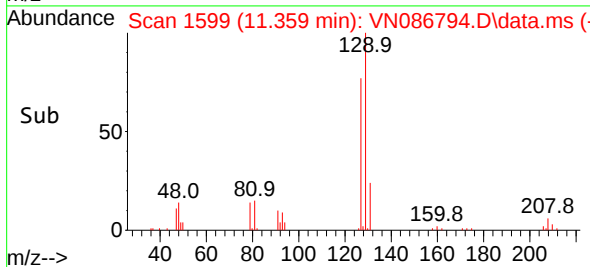
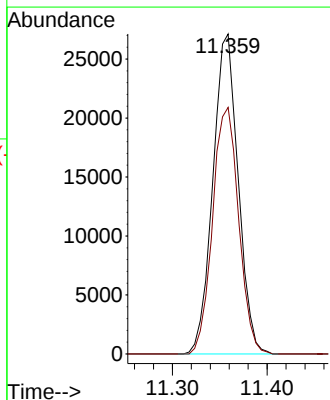
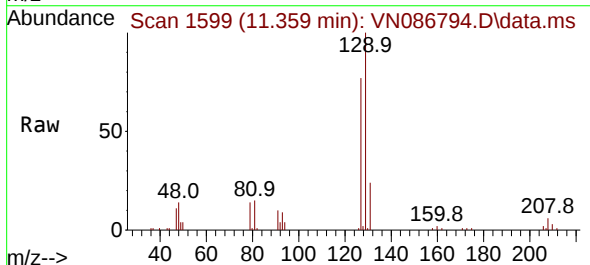
Manual Integrations
APPROVED

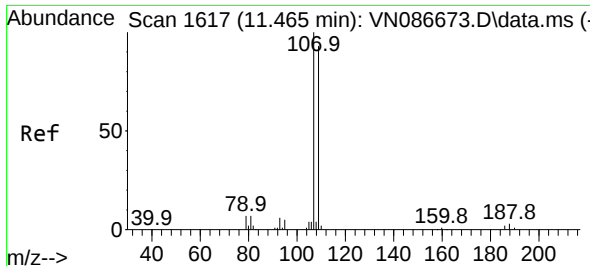
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 20.751 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion:129 Resp: 50354
Ion Ratio Lower Upper
129 100
127 79.2 39.5 118.3





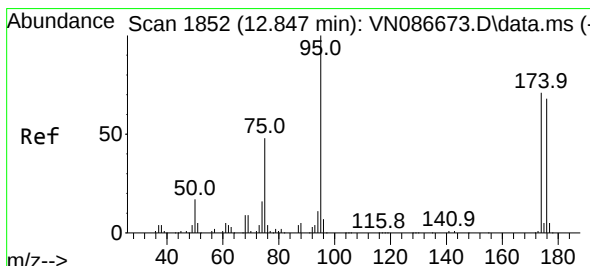
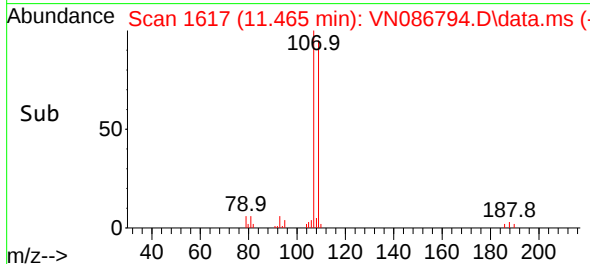
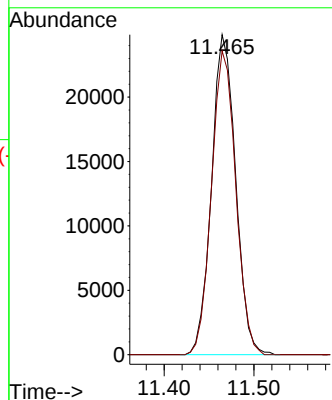
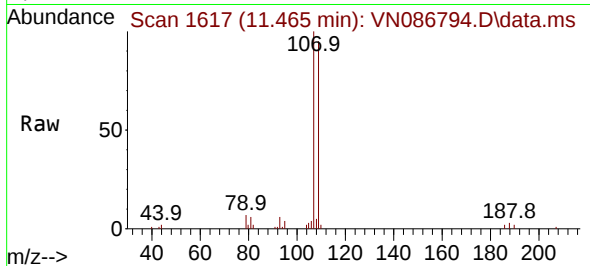
#61
1,2-Dibromoethane
Concen: 19.896 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion:107 Resp: 4629
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.4

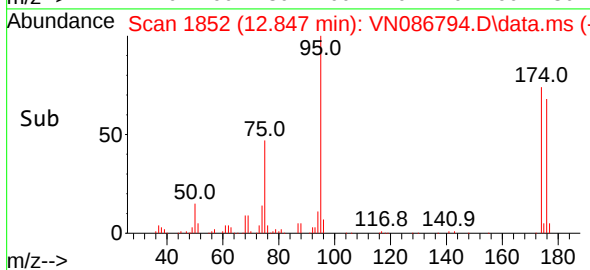
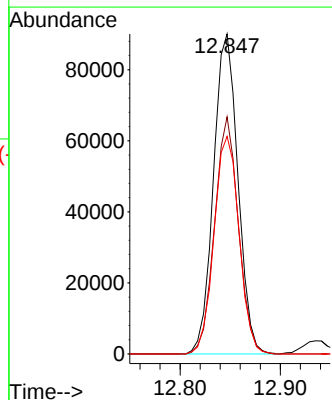
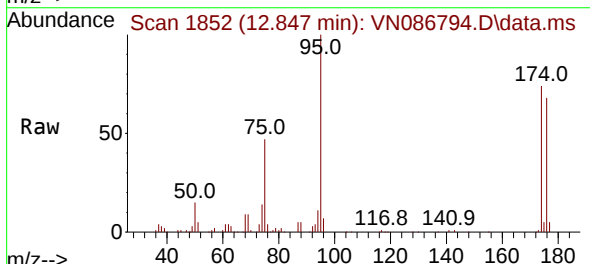
Manual Integrations
APPROVED

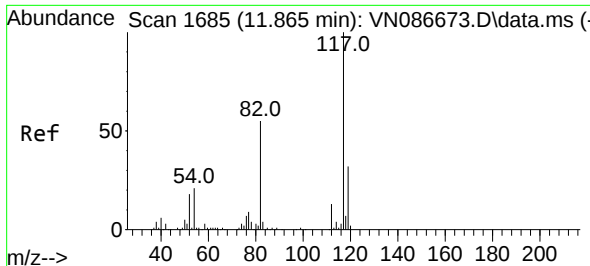
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 50.150 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

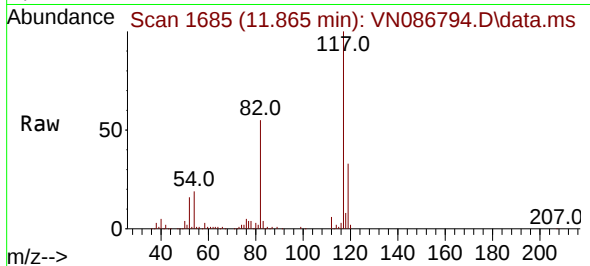
Tgt Ion: 95 Resp: 152302
Ion Ratio Lower Upper
95 100
174 72.2 0.0 145.4
176 69.5 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

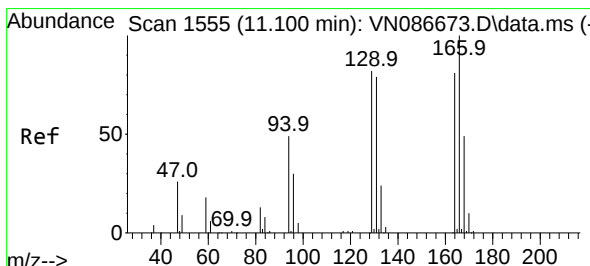
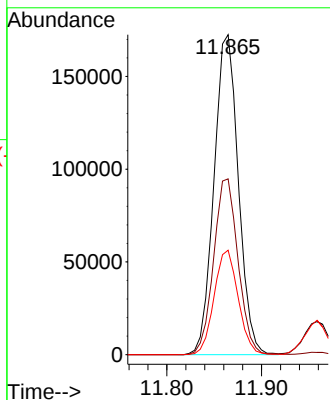
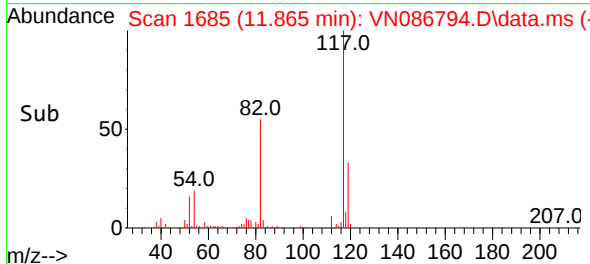
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion:117 Resp: 30849
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.6 25.4 38.2

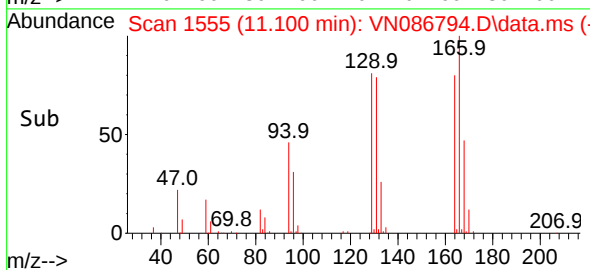
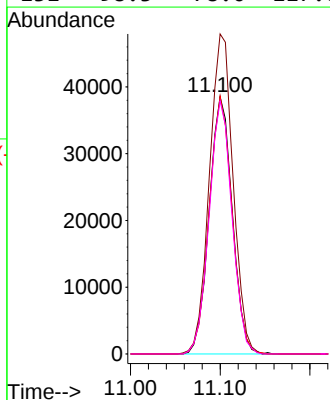
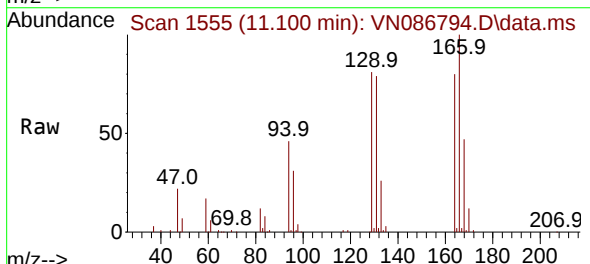
Manual Integrations
APPROVED

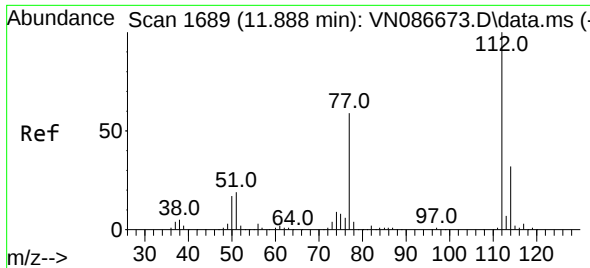
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 29.166 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion:164 Resp: 68926
Ion Ratio Lower Upper
164 100
166 124.3 98.2 147.4
129 100.2 81.0 121.4
131 98.3 78.0 117.0





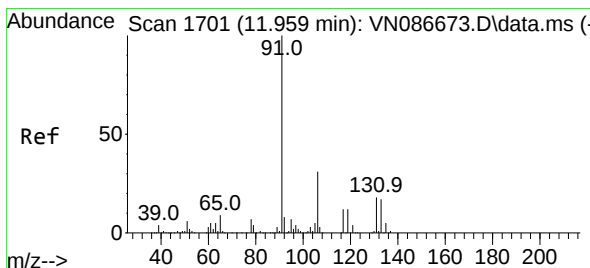
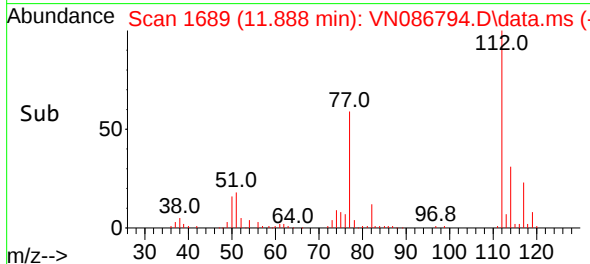
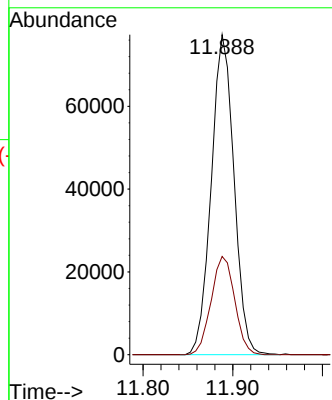
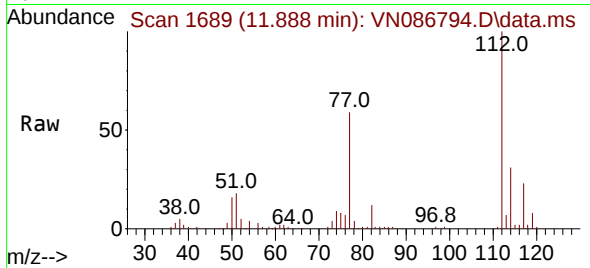
#65
Chlorobenzene
Concen: 20.100 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion:112 Resp: 135972
Ion Ratio Lower Upper
112 100
114 30.7 25.9 38.9

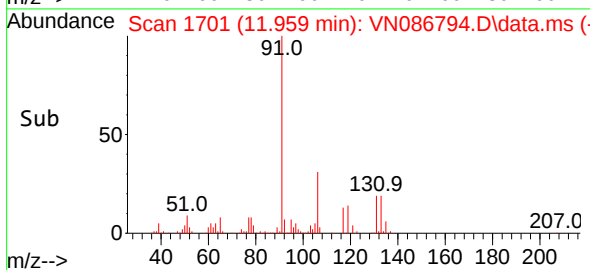
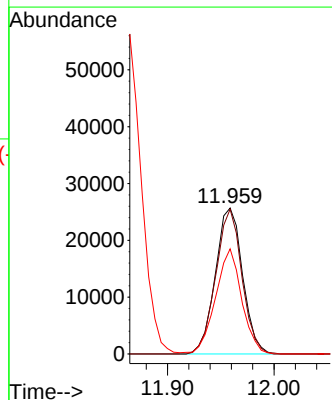
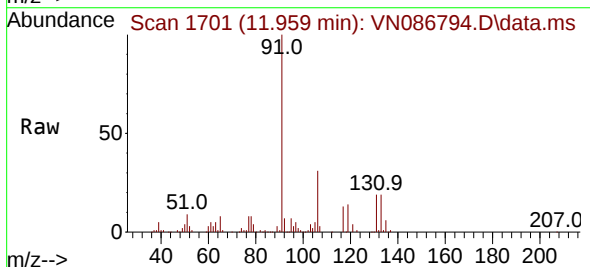
Manual Integrations
APPROVED

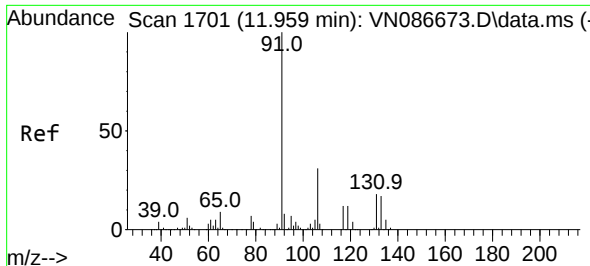
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.865 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion:131 Resp: 45565
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 69.3 33.6 100.8





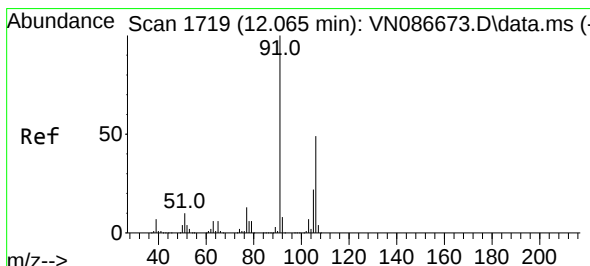
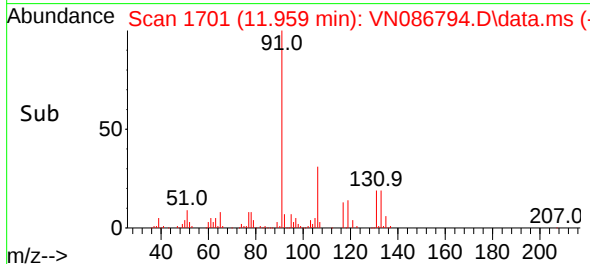
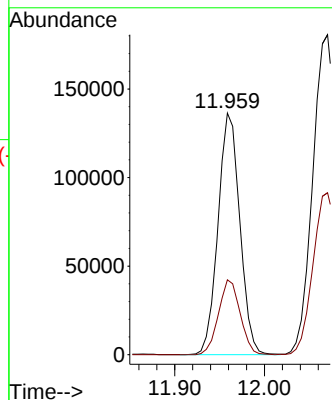
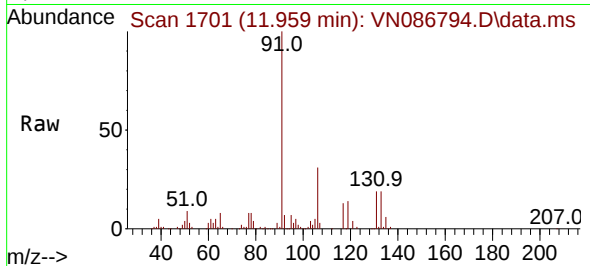
#67
Ethyl Benzene
Concen: 19.869 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 91 Resp: 230218
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

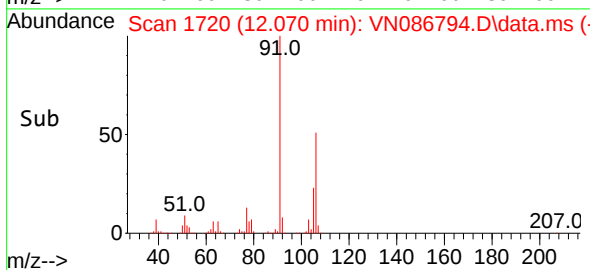
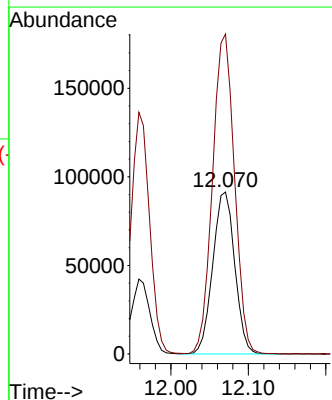
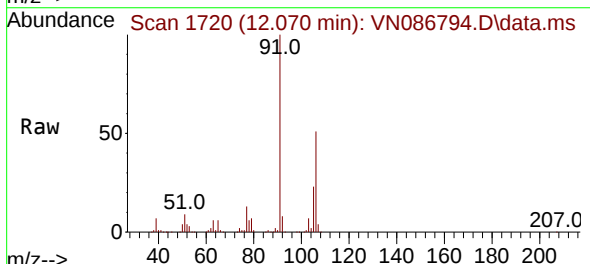
Manual Integrations
APPROVED

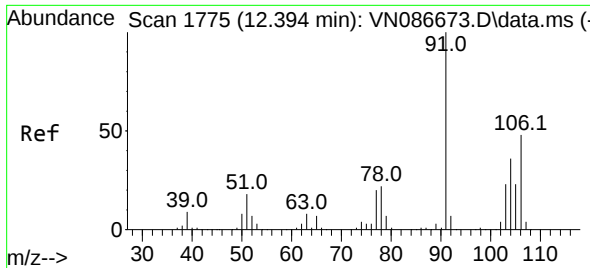
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#68
m/p-Xylenes
Concen: 41.026 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion:106 Resp: 180050
Ion Ratio Lower Upper
106 100
91 197.6 162.4 243.6





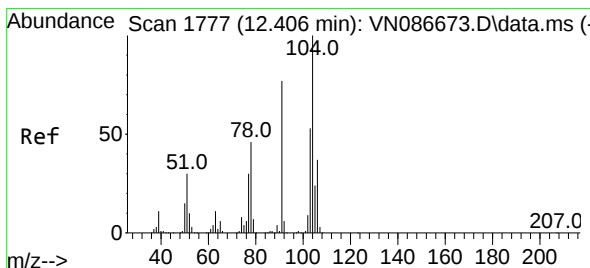
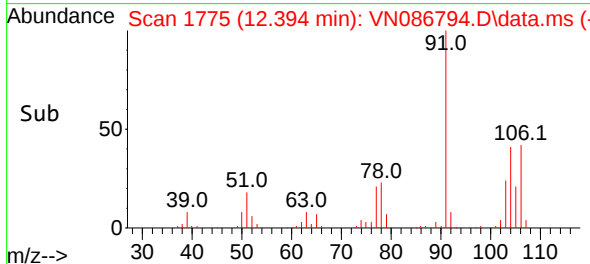
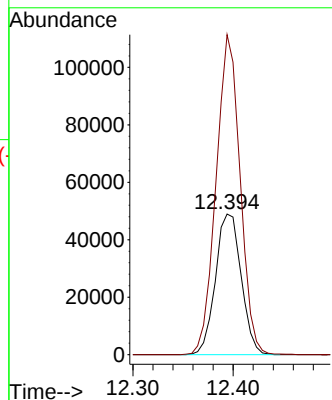
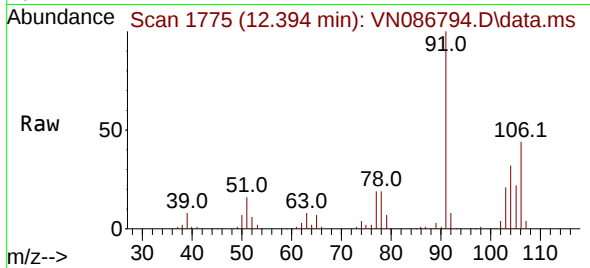
#69
o-Xylene
Concen: 19.981 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion:106 Resp: 8718
Ion Ratio Lower Upper
106 100
91 213.0 105.1 315.1

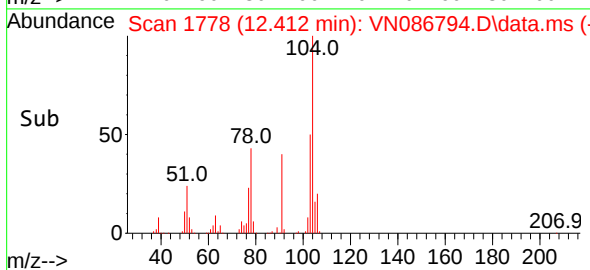
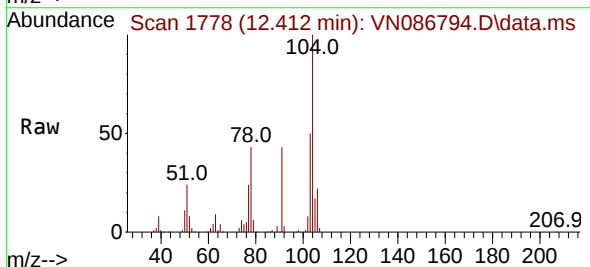
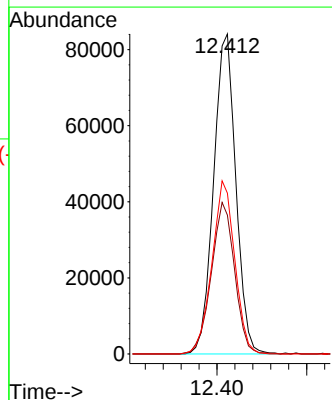
Manual Integrations
APPROVED

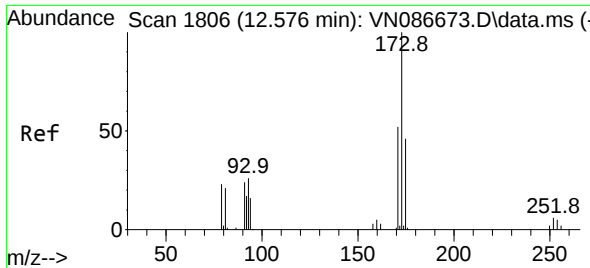
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 20.215 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

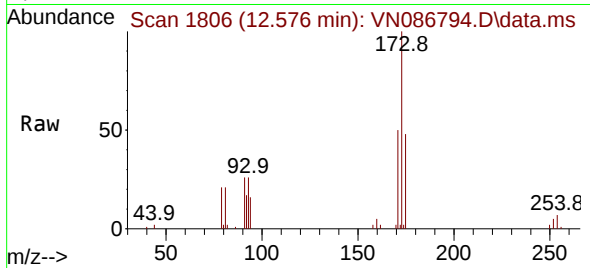
Tgt Ion:104 Resp: 144400
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.6
103 55.6 43.8 65.8





#71
Bromoform
Concen: 20.583 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

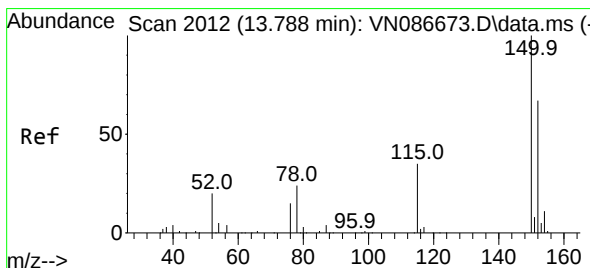
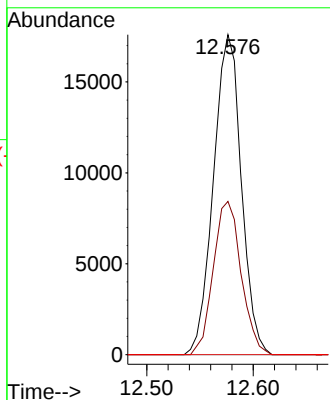
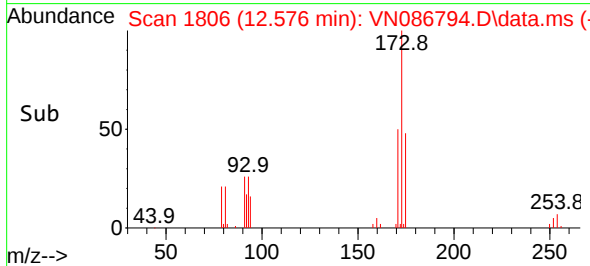
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



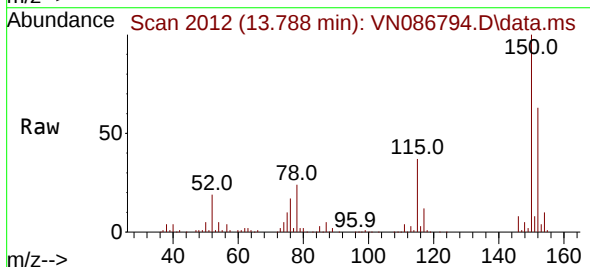
Tgt Ion:173 Resp: 31968
Ion Ratio Lower Upper
173 100
175 47.9 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

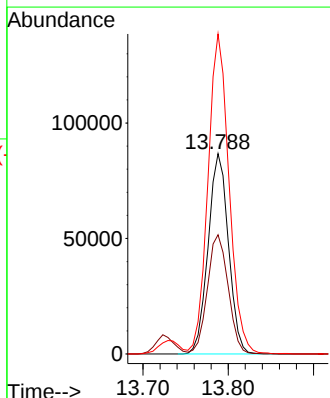
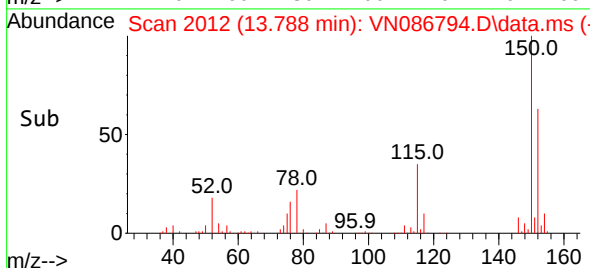
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

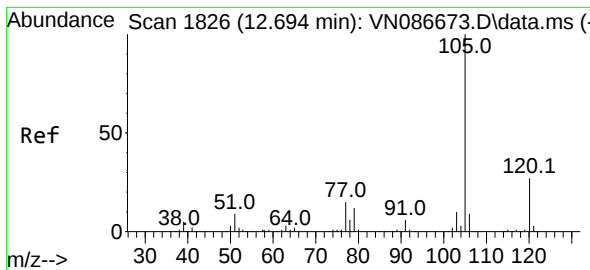


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



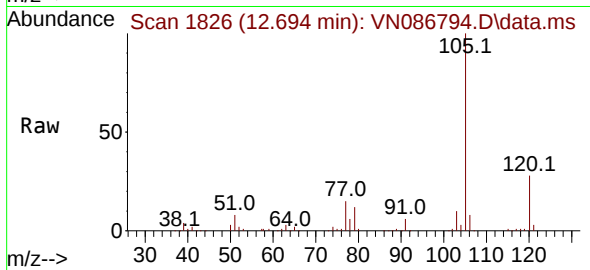
Tgt Ion:152 Resp: 143771
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.1
150 165.5 0.0 347.8





#73
Isopropylbenzene
Concen: 18.956 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

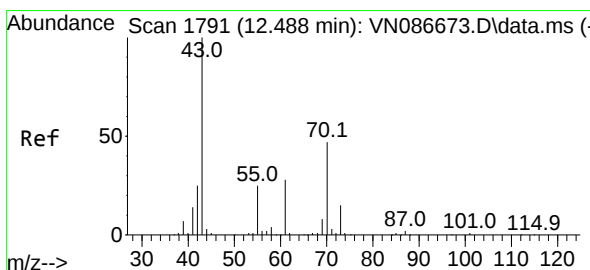
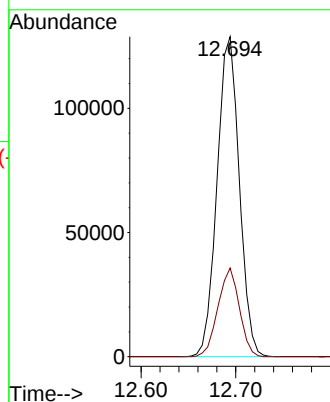
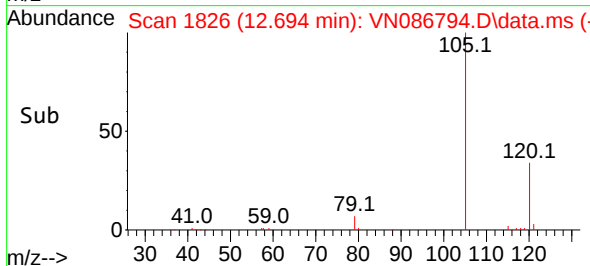
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



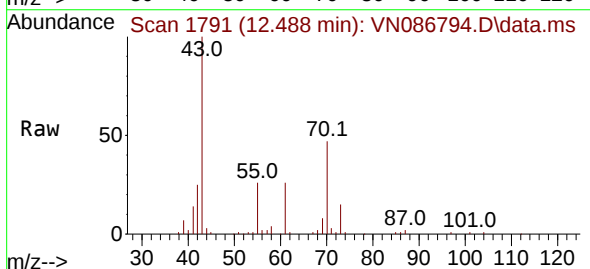
Tgt Ion:105 Resp: 210490
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

Manual Integrations
APPROVED

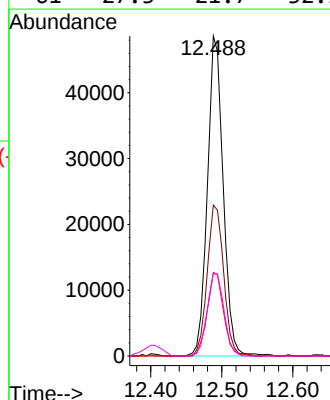
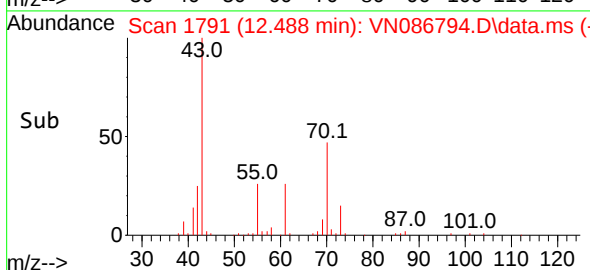
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

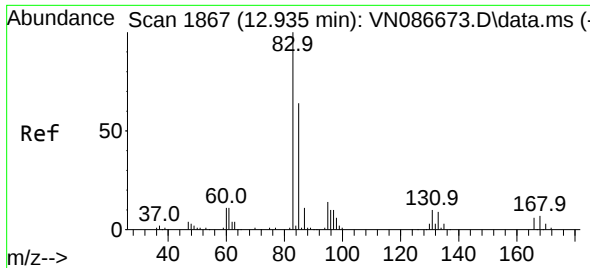


#74
N-ethyl acetate
Concen: 16.223 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



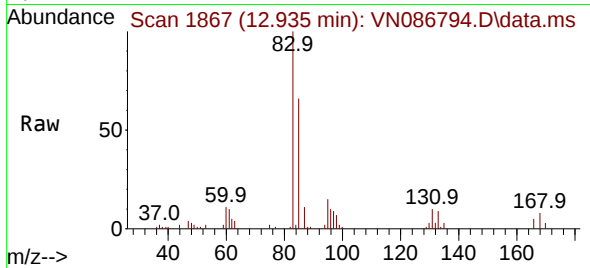
Tgt Ion: 43 Resp: 75264
Ion Ratio Lower Upper
43 100
70 49.2 37.9 56.9
55 27.1 20.5 30.7
61 27.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 12.348 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

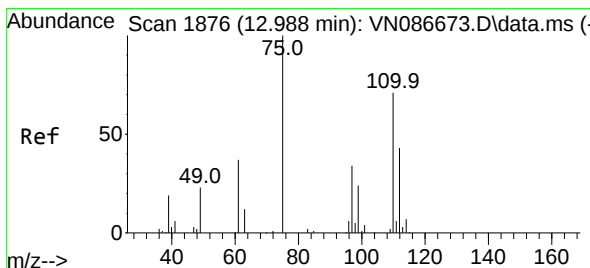
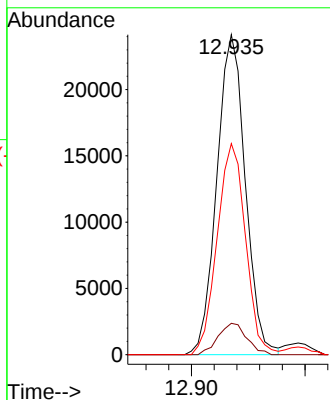
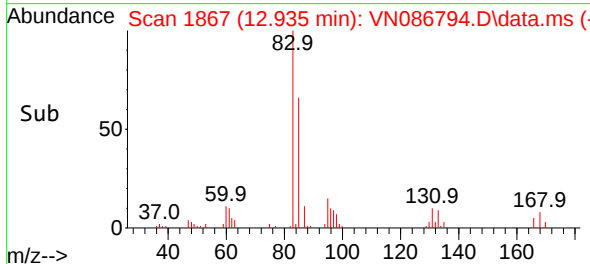
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 83 Resp: 42124
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 65.5 32.4 97.2

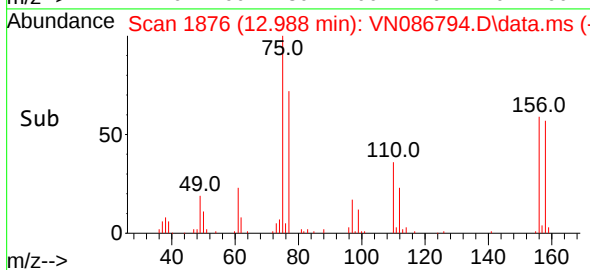
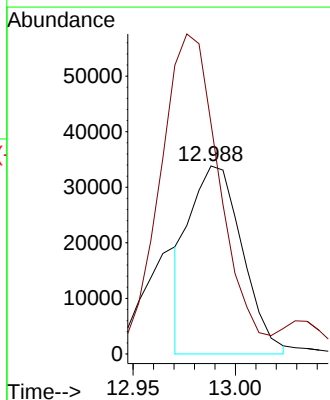
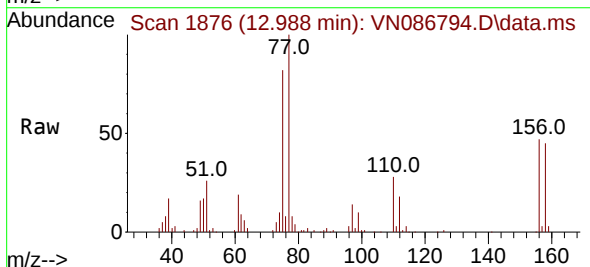
Manual Integrations
APPROVED

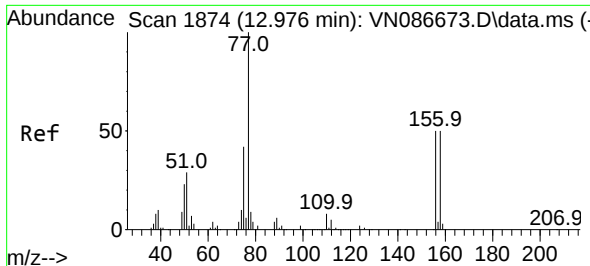
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 18.606 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion: 75 Resp: 60498
Ion Ratio Lower Upper
75 100
77 194.2 96.0 288.1





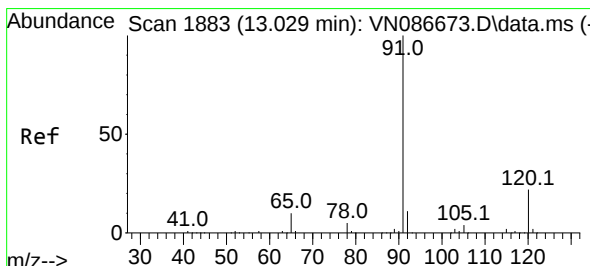
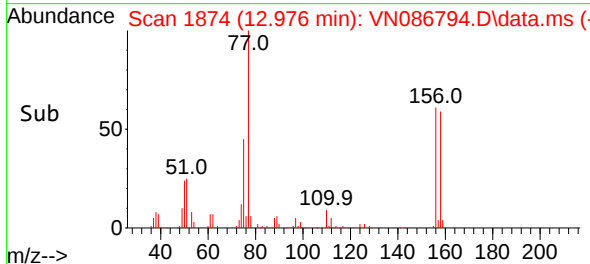
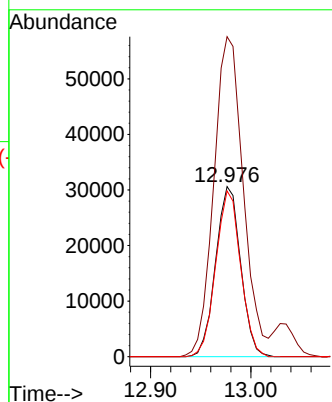
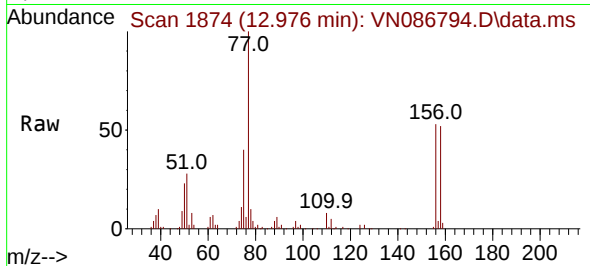
#77
Bromobenzene
Concen: 18.961 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion:156 Resp: 5296
Ion Ratio Lower Upper
156 100
77 221.8 113.1 339.2
158 97.1 48.6 145.9

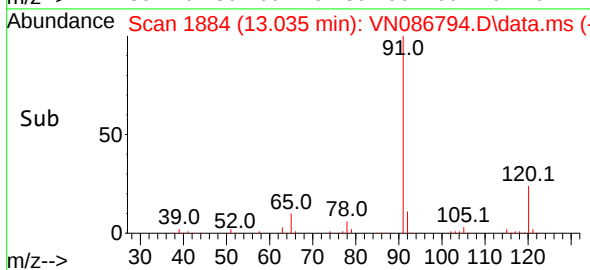
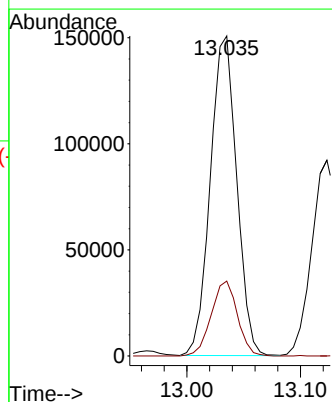
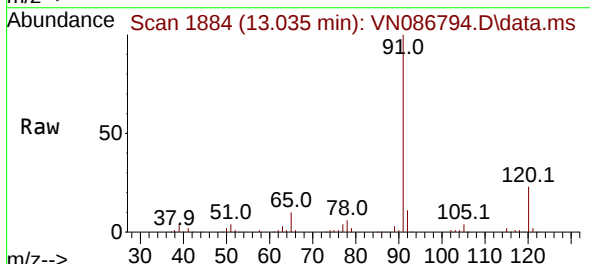
Manual Integrations
APPROVED

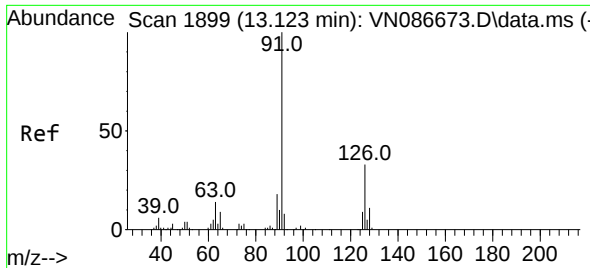
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#78
n-propylbenzene
Concen: 19.112 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion: 91 Resp: 243543
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.1





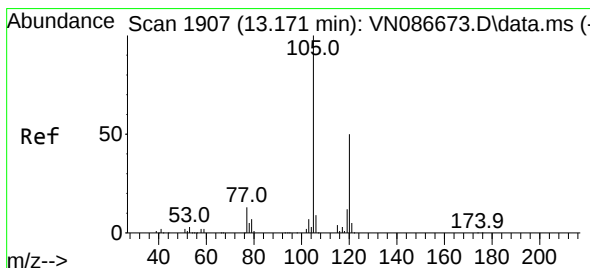
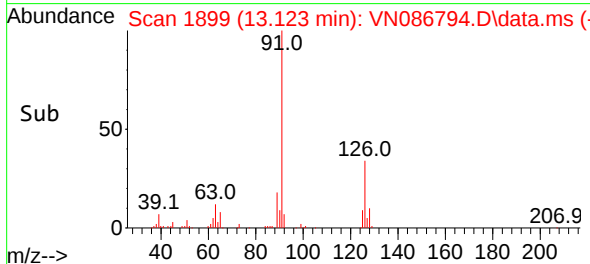
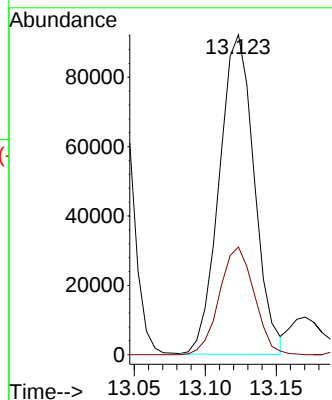
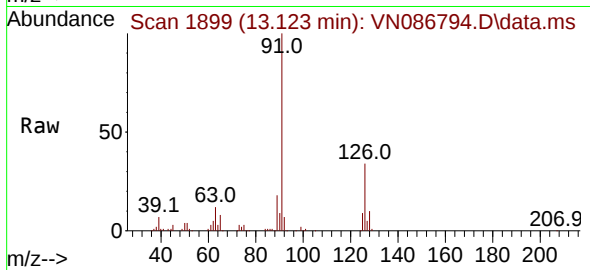
#79
2-Chlorotoluene
Concen: 19.078 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion: 91 Resp: 158072
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7

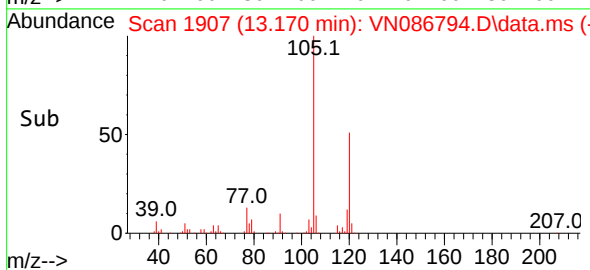
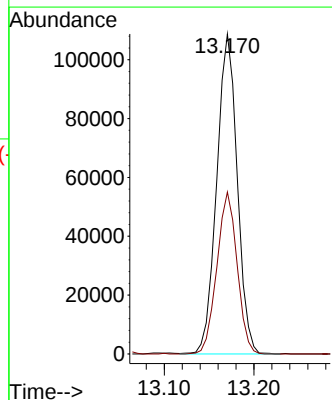
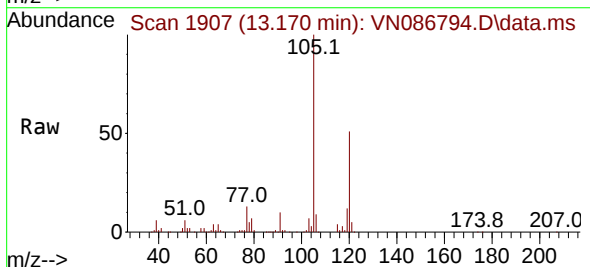
Manual Integrations
APPROVED

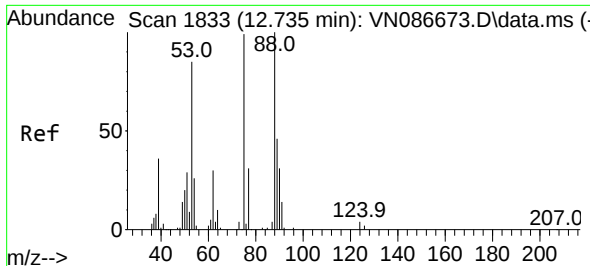
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.428 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

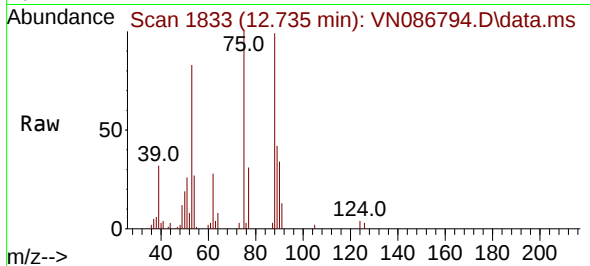
Tgt Ion:105 Resp: 172842
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.497 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

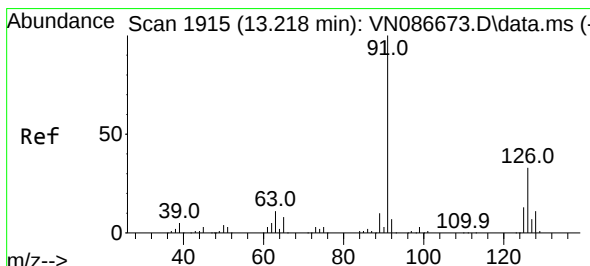
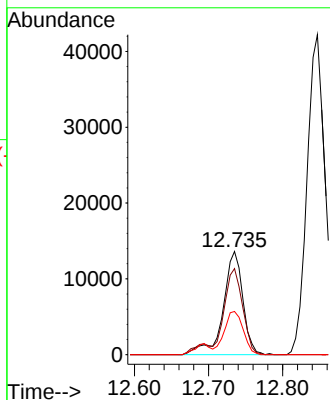
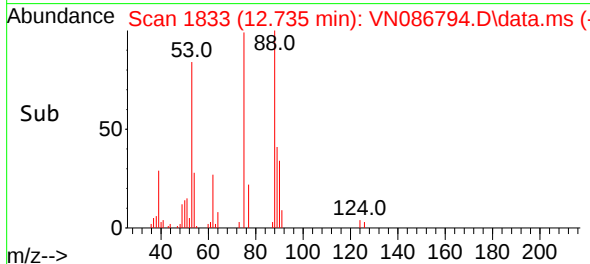
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 75 Resp: 25120
Ion Ratio Lower Upper
75 100
53 76.4 70.4 105.6
89 40.2 32.4 48.6

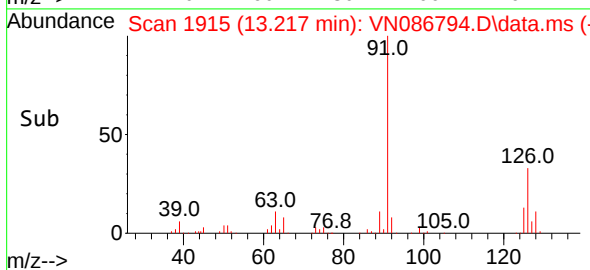
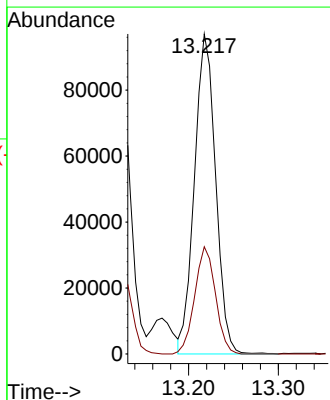
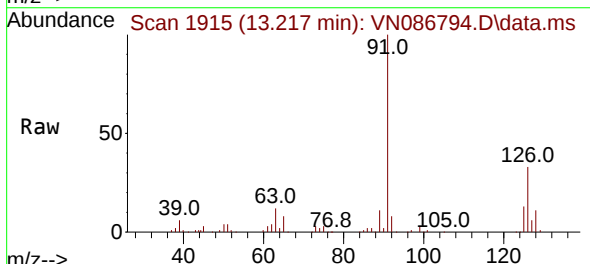
Manual Integrations
APPROVED

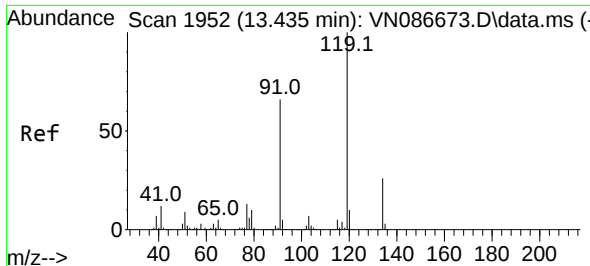
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#82
4-Chlorotoluene
Concen: 19.344 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

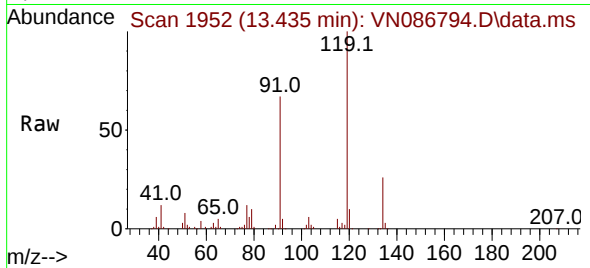
Tgt Ion: 91 Resp: 158789
Ion Ratio Lower Upper
91 100
126 32.9 17.0 50.9





#83
tert-Butylbenzene
Concen: 19.054 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

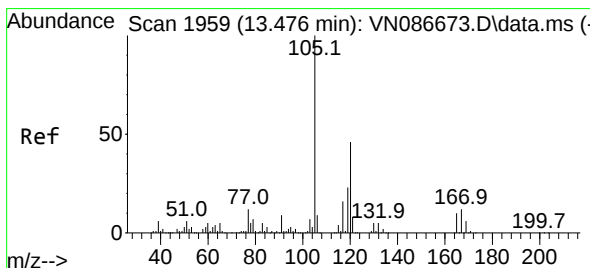
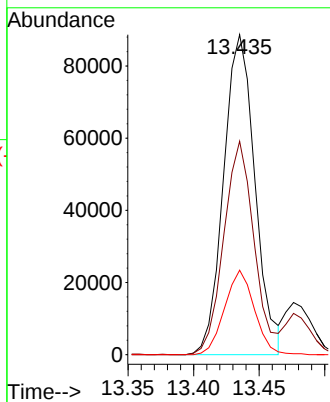
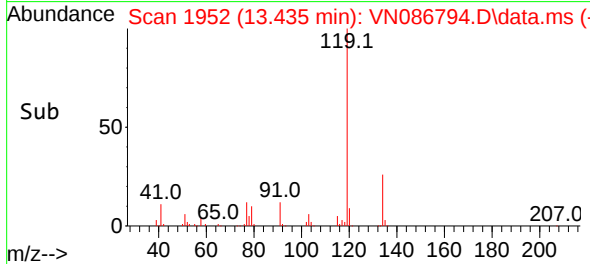
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



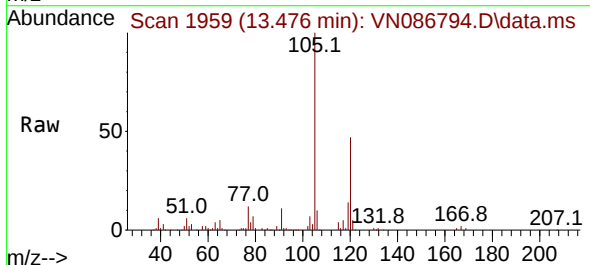
Tgt Ion:119 Resp: 147830
Ion Ratio Lower Upper
119 100
91 64.7 32.9 98.7
134 25.0 13.4 40.1

Manual Integrations
APPROVED

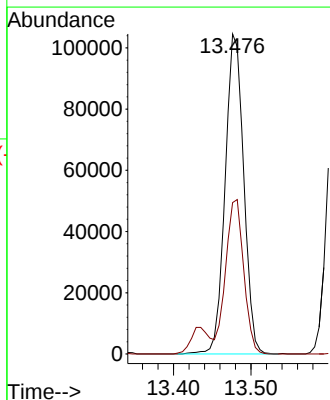
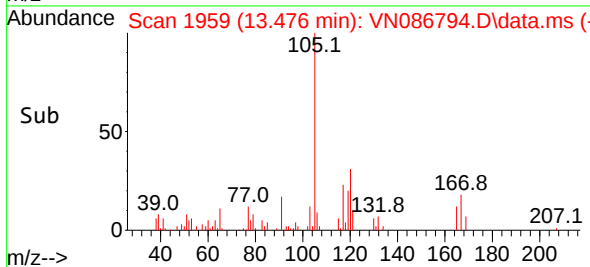
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

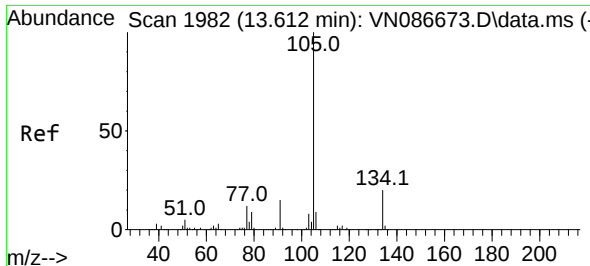


#84
1,2,4-Trimethylbenzene
Concen: 19.669 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



Tgt Ion:105 Resp: 174253
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





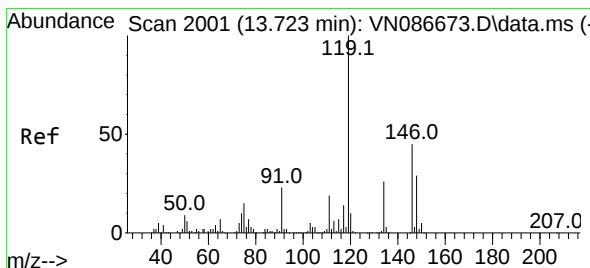
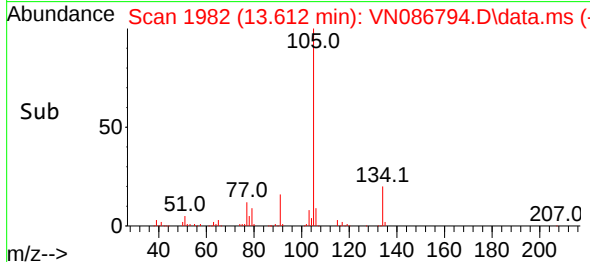
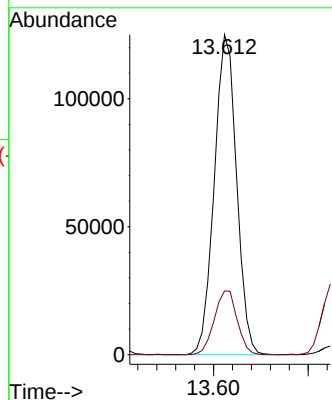
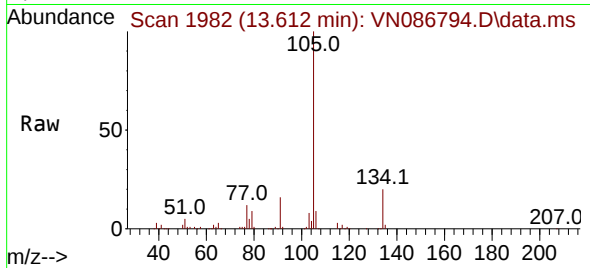
#85
 sec-Butylbenzene
 Concen: 19.625 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086794.D
 Acq: 28 May 2025 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0528WBSD01

Tgt Ion:105 Resp: 20415
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1

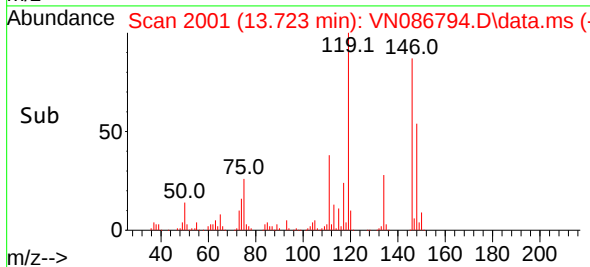
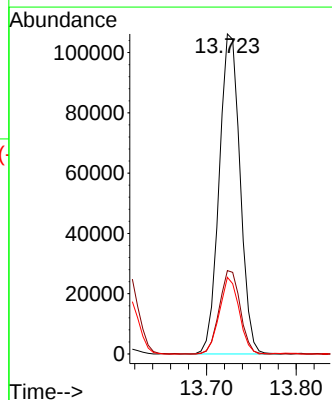
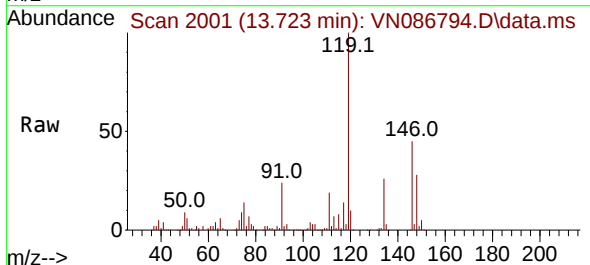
Manual Integrations
 APPROVED

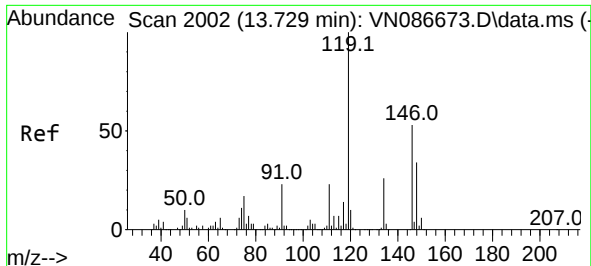
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 20.130 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086794.D
 Acq: 28 May 2025 12:59

Tgt Ion:119 Resp: 171653
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 22.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.956 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

Instrument :

MSVOA_N

ClientSampleId :

VN0528WBSD01

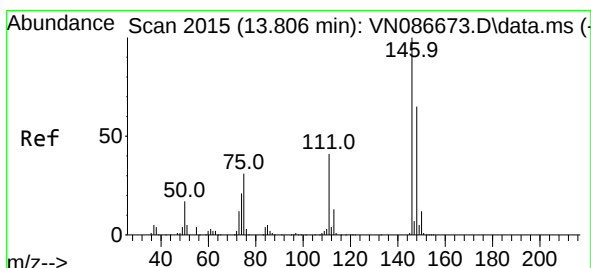
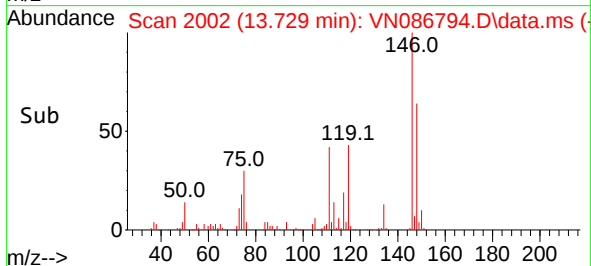
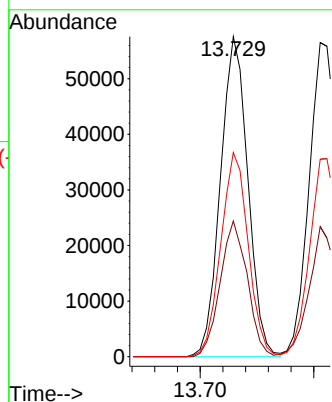
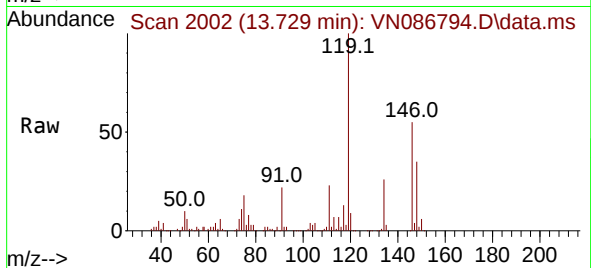
Tgt Ion:	146	Resp:	96524
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.9	62.7
148	63.9	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#88

1,4-Dichlorobenzene

Concen: 20.900 ug/l

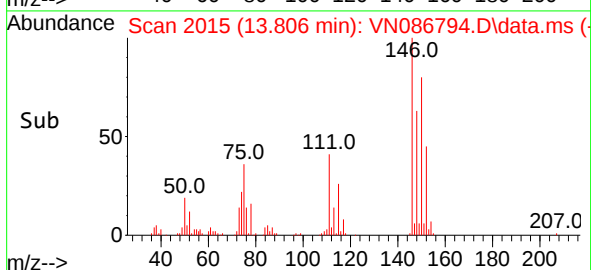
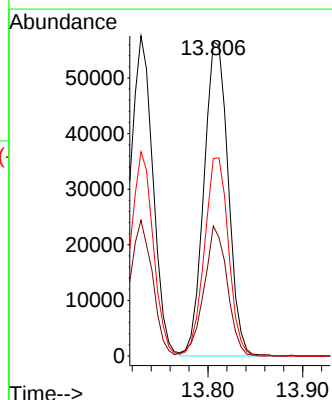
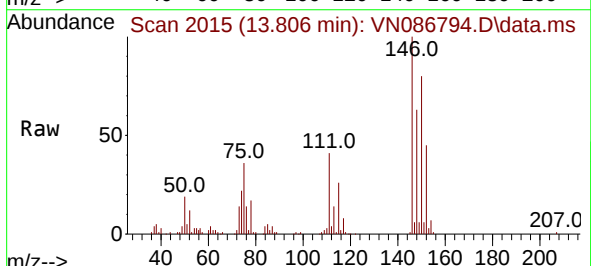
RT: 13.806 min Scan# 2015

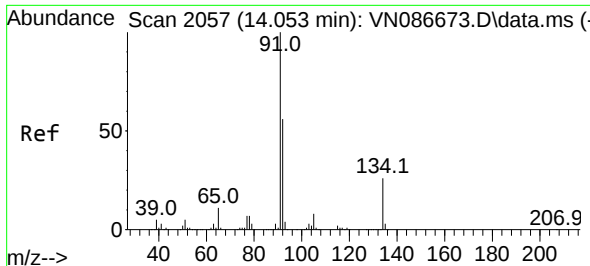
Delta R.T. -0.000 min

Lab File: VN086794.D

Acq: 28 May 2025 12:59

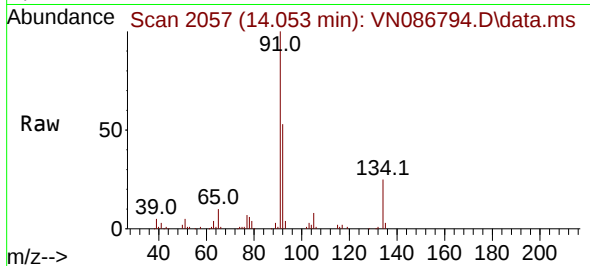
Tgt Ion:	146	Resp:	100157
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.6	61.8
148	62.7	32.0	96.0





#89
n-Butylbenzene
Concen: 20.304 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

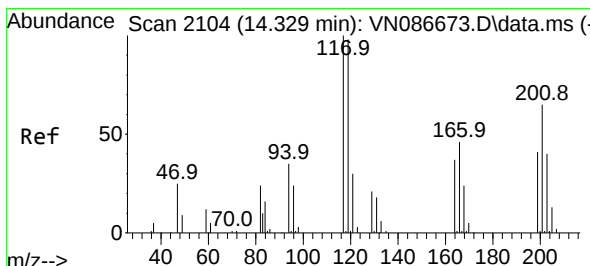
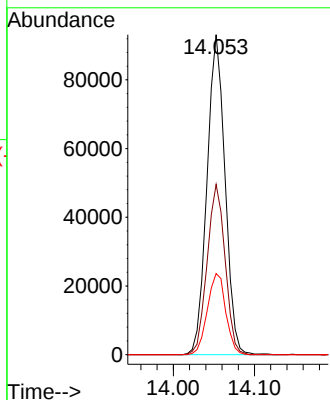
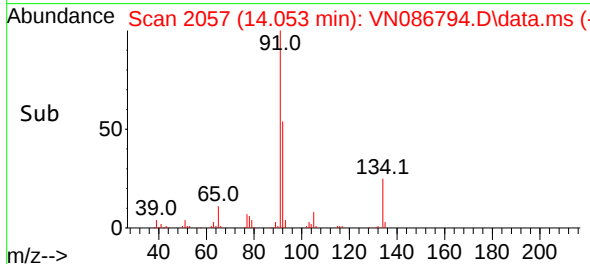
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



Tgt Ion: 91 Resp: 14353
Ion Ratio Lower Upper
91 100
92 53.0 27.4 82.0
134 25.9 12.8 38.4

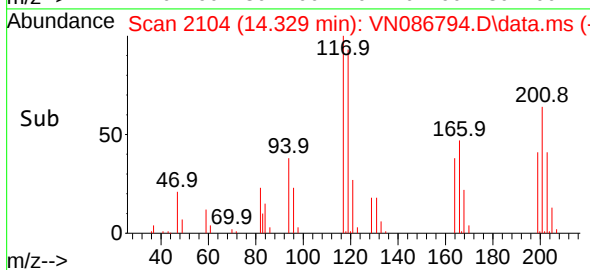
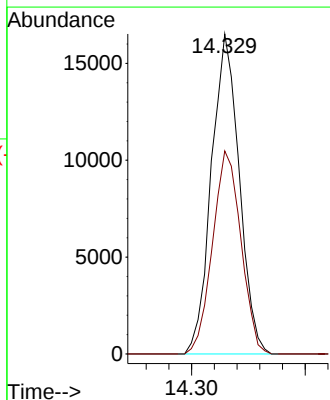
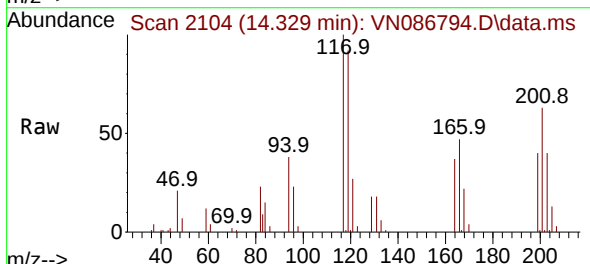
Manual Integrations
APPROVED

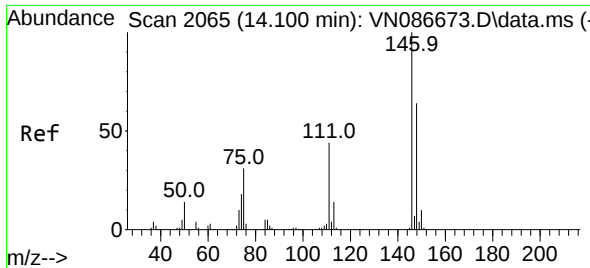
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 19.837 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Tgt Ion:117 Resp: 28065
Ion Ratio Lower Upper
117 100
201 64.7 32.0 96.0





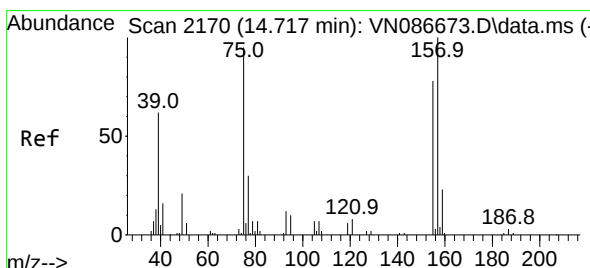
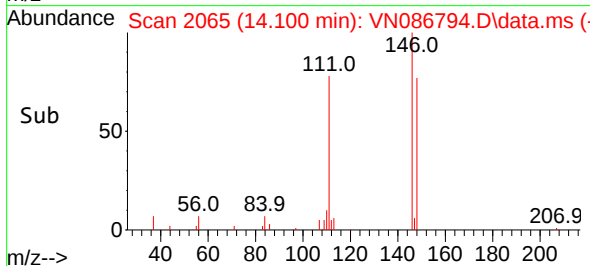
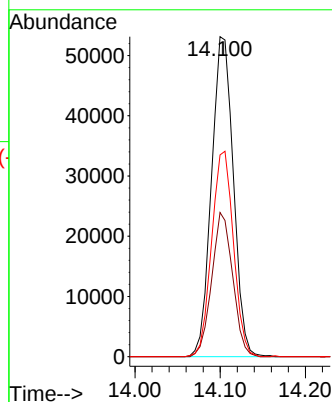
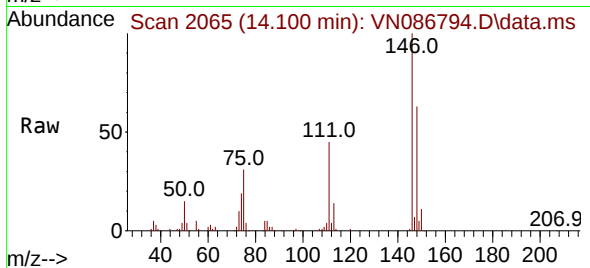
#91
1,2-Dichlorobenzene
Concen: 20.570 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01

Tgt Ion:146 Resp: 94632
Ion Ratio Lower Upper
146 100
111 43.1 21.6 65.0
148 64.0 31.7 95.1

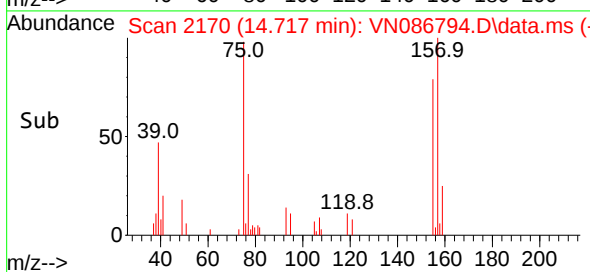
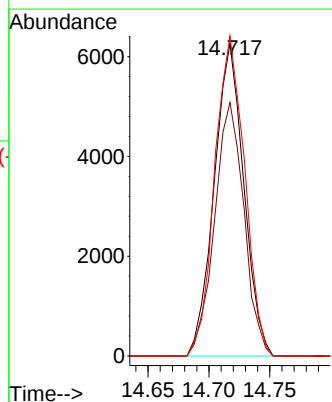
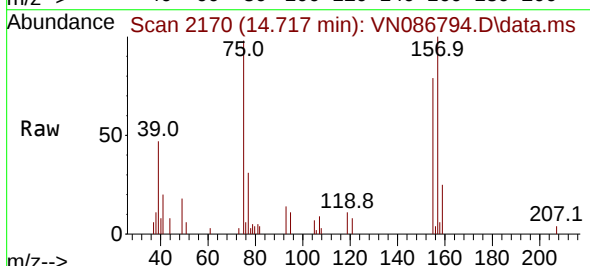
Manual Integrations
APPROVED

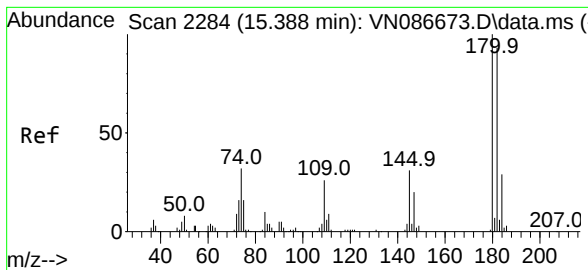
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.767 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

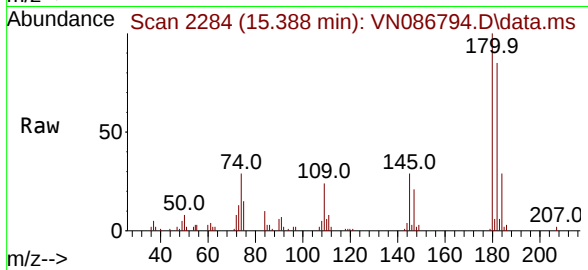
Tgt Ion: 75 Resp: 10606
Ion Ratio Lower Upper
75 100
155 80.4 40.5 121.5
157 103.4 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 21.699 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

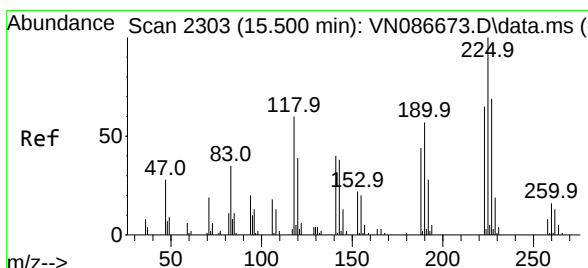
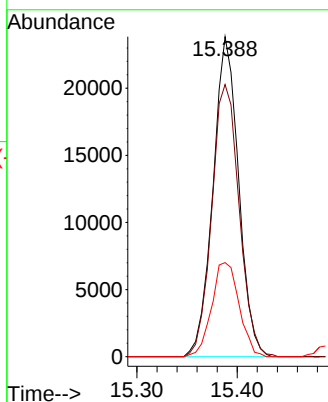
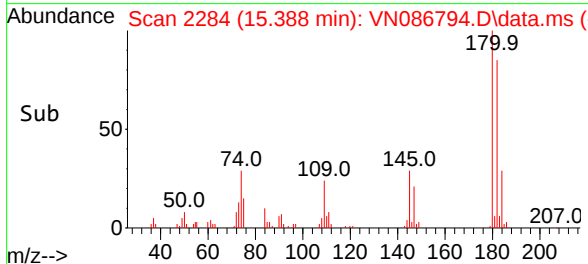
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



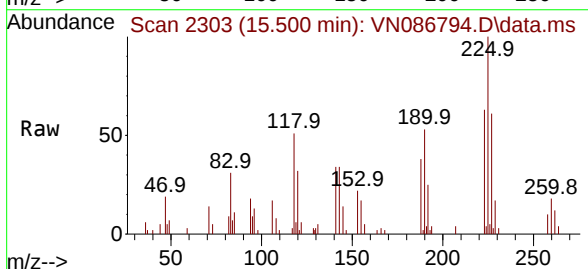
Tgt Ion:180 Resp: 42138
Ion Ratio Lower Upper
180 100
182 91.0 47.1 141.3
145 31.6 15.6 46.8

Manual Integrations
APPROVED

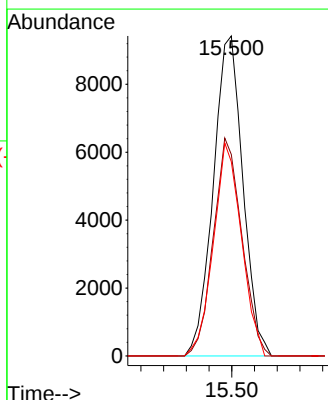
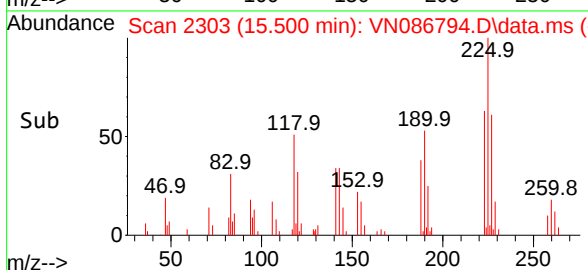
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

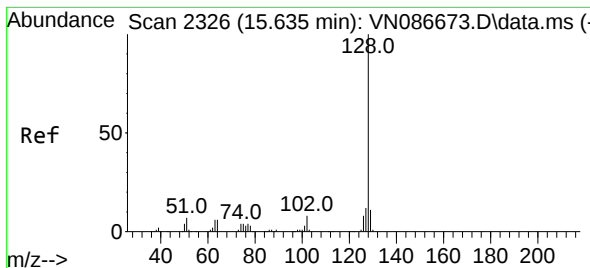


#94
Hexachlorobutadiene
Concen: 21.193 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



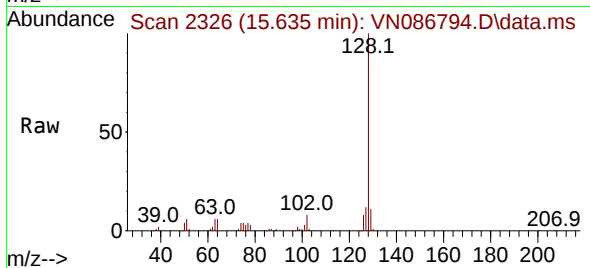
Tgt Ion:225 Resp: 17075
Ion Ratio Lower Upper
225 100
223 65.6 32.9 98.6
227 63.0 32.4 97.2





#95
Naphthalene
Concen: 19.956 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59

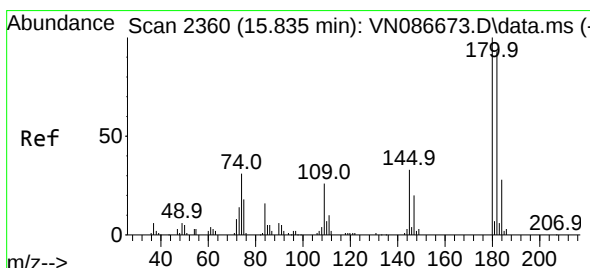
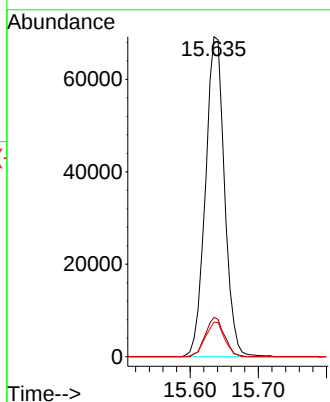
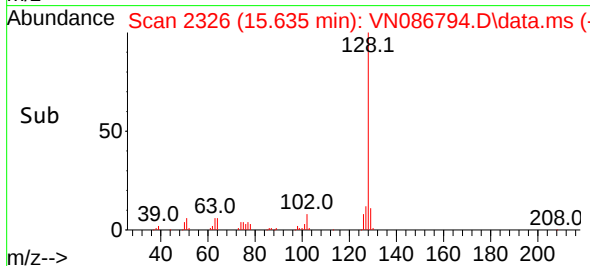
Instrument :
MSVOA_N
ClientSampleId :
VN0528WBSD01



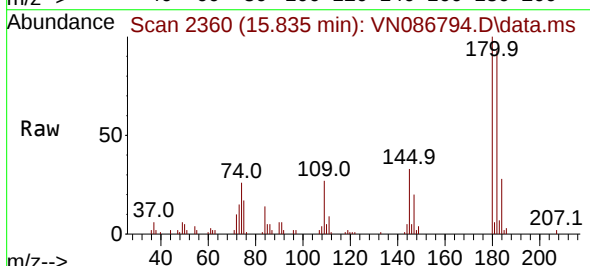
Tgt Ion:128 Resp: 134560
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 21.417 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086794.D
Acq: 28 May 2025 12:59



Tgt Ion:180 Resp: 40729
Ion Ratio Lower Upper
180 100
182 92.9 47.0 141.2
145 32.8 16.7 50.1

