

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052025\
 Data File : VN086720.D
 Acq On : 20 May 2025 16:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: May 21 01:47:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	189365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	149036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130965	50.050	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.100%			
35) Dibromofluoromethane	8.165	113	104514	50.012	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	10.565	98	441340	50.962	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.847	95	153460	50.186	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	112008	54.771	ug/l	97
3) Chloromethane	2.359	50	148590	48.039	ug/l	100
4) Vinyl Chloride	2.512	62	141781	51.039	ug/l	98
5) Bromomethane	2.948	94	74790	46.703	ug/l	93
6) Chloroethane	3.118	64	90308	49.626	ug/l	96
7) Trichlorofluoromethane	3.495	101	169631	51.098	ug/l	96
8) Diethyl Ether	3.959	74	71316	52.002	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	101708	51.176	ug/l	99
10) Methyl Iodide	4.589	142	117760	47.634	ug/l	99
11) Tert butyl alcohol	5.512	59	112654	236.389	ug/l	99
12) 1,1-Dichloroethene	4.342	96	105442	49.922	ug/l	99
13) Acrolein	4.171	56	115248	226.218	ug/l	99
14) Allyl chloride	5.024	41	155973	48.789	ug/l	97
15) Acrylonitrile	5.718	53	294073	249.224	ug/l	99
16) Acetone	4.418	43	227744	232.674	ug/l	98
17) Carbon Disulfide	4.712	76	296090	50.633	ug/l	100
18) Methyl Acetate	5.024	43	128468	46.894	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	363042	50.480	ug/l	98
20) Methylene Chloride	5.277	84	123006	47.622	ug/l	100
21) trans-1,2-Dichloroethene	5.783	96	111953	50.133	ug/l	96
22) Diisopropyl ether	6.665	45	375156	52.016	ug/l	99
23) Vinyl Acetate	6.600	43	1391866	256.776	ug/l	99
24) 1,1-Dichloroethane	6.571	63	212076	50.083	ug/l	99
25) 2-Butanone	7.477	43	377083	249.305	ug/l	100
26) 2,2-Dichloropropane	7.483	77	155200	44.412	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	137065	50.005	ug/l	100
28) Bromochloromethane	7.812	49	101157	52.579	ug/l	99
29) Tetrahydrofuran	7.835	42	250618	253.853	ug/l	99
30) Chloroform	7.965	83	210130	49.578	ug/l	97
31) Cyclohexane	8.253	56	188961	48.116	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	177690	49.725	ug/l	99
36) 1,1-Dichloropropene	8.365	75	152935	49.614	ug/l	99
37) Ethyl Acetate	7.559	43	149481	48.007	ug/l	100
38) Carbon Tetrachloride	8.359	117	149506	49.226	ug/l	98
39) Methylcyclohexane	9.600	83	167138	50.098	ug/l	97
40) Benzene	8.600	78	497215	49.446	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	82866	49.289	ug/l	97
42) 1,2-Dichloroethane	8.665	62	152406	48.649	ug/l	98
43) Isopropyl Acetate	8.682	43	274281	43.940	ug/l	100
44) Trichloroethene	9.347	130	118921	49.032	ug/l	99
45) 1,2-Dichloropropane	9.618	63	119716	50.116	ug/l	99
46) Dibromomethane	9.706	93	78717	48.836	ug/l	99
47) Bromodichloromethane	9.882	83	164832	49.632	ug/l	100
48) Methyl methacrylate	9.677	41	120411	49.781	ug/l	99
49) 1,4-Dioxane	9.694	88	47783	932.926	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	766598	243.529	ug/l	99
52) Toluene	10.624	92	307792	49.248	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	176588	50.220	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	190835	49.716	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	112168	48.112	ug/l	98
56) Ethyl methacrylate	10.871	69	190727	50.953	ug/l	98
57) 1,3-Dichloropropane	11.159	76	197996	49.297	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	441937	264.166	ug/l	98
59) 2-Hexanone	11.194	43	564363	245.509	ug/l	100
60) Dibromochloromethane	11.353	129	123108	50.386	ug/l	100
61) 1,2-Dibromoethane	11.465	107	113892	48.614	ug/l	100
64) Tetrachloroethene	11.100	164	115438	48.361	ug/l	97
65) Chlorobenzene	11.888	112	331908	48.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	110390	50.045	ug/l	99
67) Ethyl Benzene	11.959	91	580279	49.582	ug/l	99
68) m/p-Xylenes	12.065	106	443708	100.096	ug/l	100
69) o-Xylene	12.394	106	218323	49.540	ug/l	98
70) Styrene	12.406	104	366832	50.841	ug/l	99
71) Bromoform	12.576	173	78549	50.072	ug/l #	97
73) Isopropylbenzene	12.694	105	523738	45.500	ug/l	100
74) N-amyl acetate	12.488	43	225434	46.875	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	155289	43.913	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	165983m	49.245	ug/l	
77) Bromobenzene	12.976	156	125994	43.514	ug/l	98
78) n-propylbenzene	13.029	91	613812	46.467	ug/l	99
79) 2-Chlorotoluene	13.123	91	388405	45.221	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	432742	46.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	64310	48.151	ug/l	99
82) 4-Chlorotoluene	13.217	91	387177	45.500	ug/l	99
83) tert-Butylbenzene	13.435	119	366992	45.632	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	438878	47.790	ug/l	99
85) sec-Butylbenzene	13.612	105	508144	47.121	ug/l	100
86) p-Isopropyltoluene	13.723	119	428338	48.458	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	235762	47.021	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	233732	47.049	ug/l	100
89) n-Butylbenzene	14.053	91	360945	49.256	ug/l	99
90) Hexachloroethane	14.329	117	73754	50.288	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	229380	48.098	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31544	53.846	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	105909	52.612	ug/l	99
94) Hexachlorobutadiene	15.494	225	39523	47.322	ug/l	98
95) Naphthalene	15.635	128	359239	51.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	99094	50.267	ug/l	99

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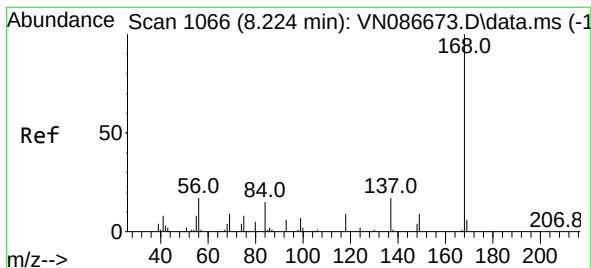
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

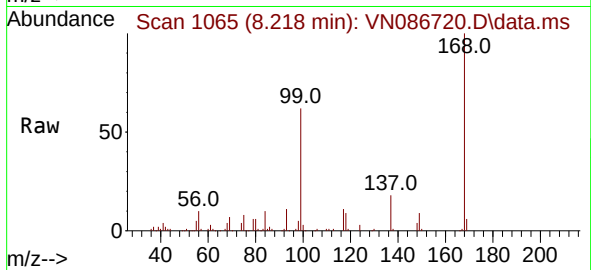
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086720.D
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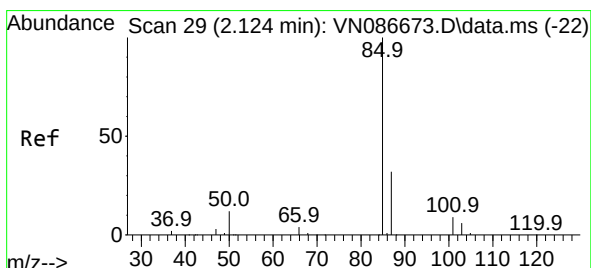
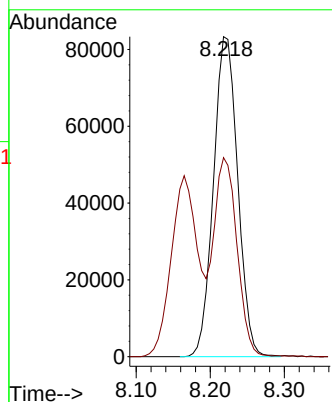
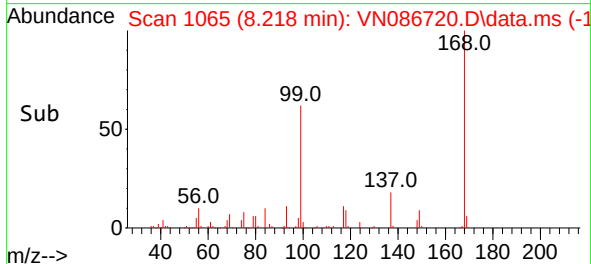
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 18936
Ion Ratio Lower Upper
168 100
99 61.9 47.0 70.4

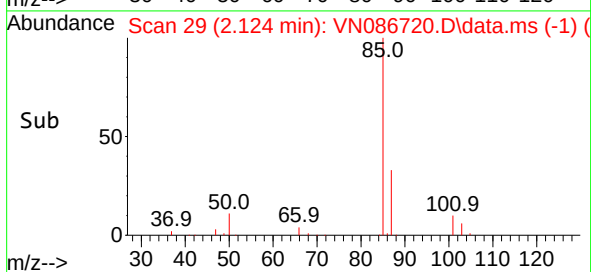
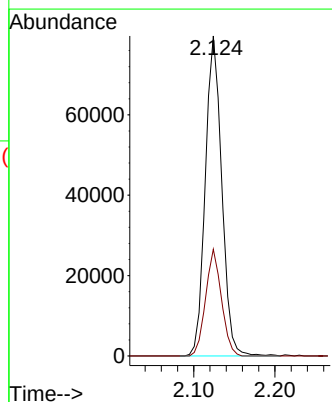
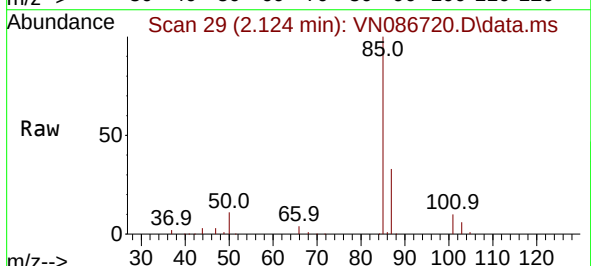
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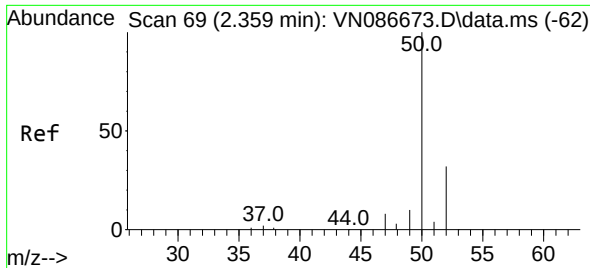
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#2
Dichlorodifluoromethane
Concen: 54.771 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

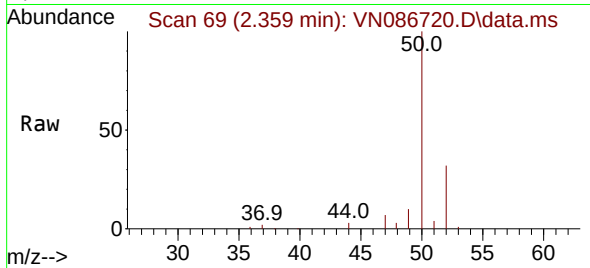
Tgt Ion: 85 Resp: 112008
Ion Ratio Lower Upper
85 100
87 33.3 15.9 47.6





#3
Chloromethane
Concen: 48.039 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

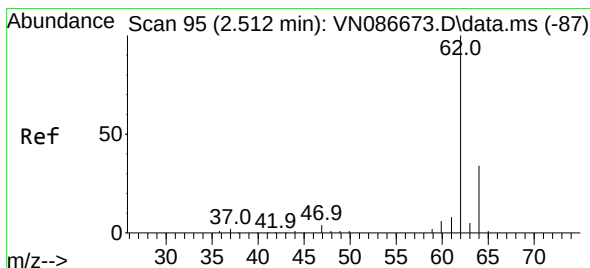
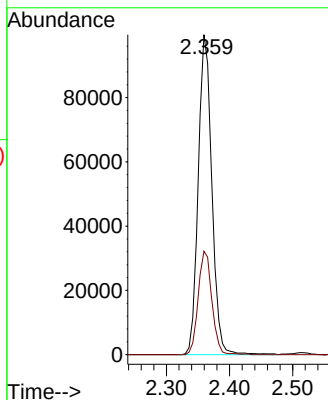
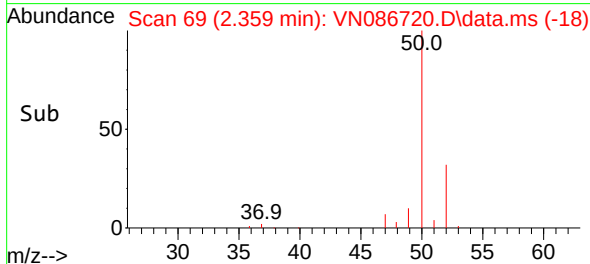
Instrument :
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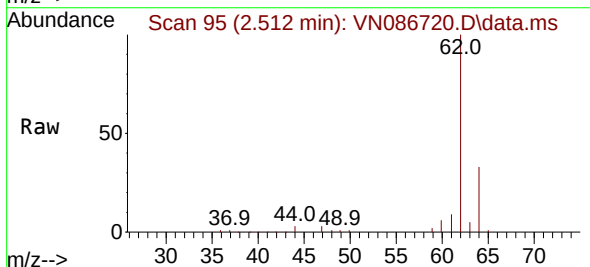
Tgt Ion: 50 Resp: 148590
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9

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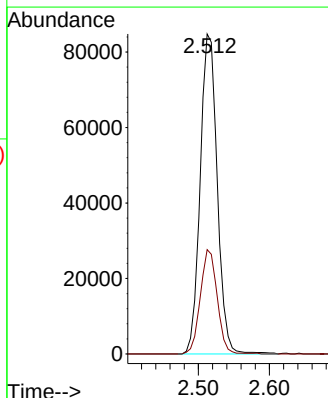
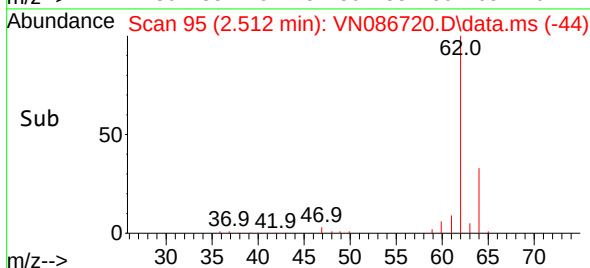
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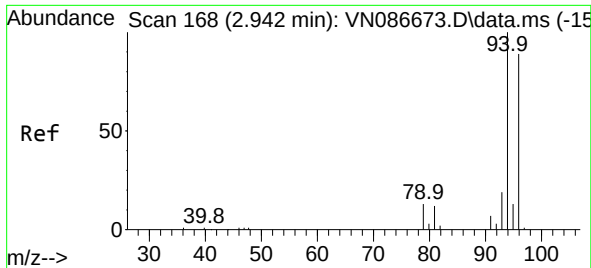


#4
Vinyl Chloride
Concen: 51.039 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



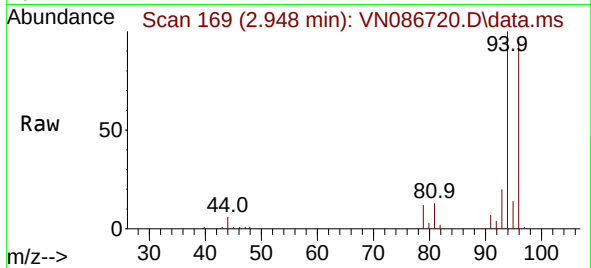
Tgt Ion: 62 Resp: 141781
Ion Ratio Lower Upper
62 100
64 32.6 26.9 40.3





#5
Bromomethane
Concen: 46.703 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

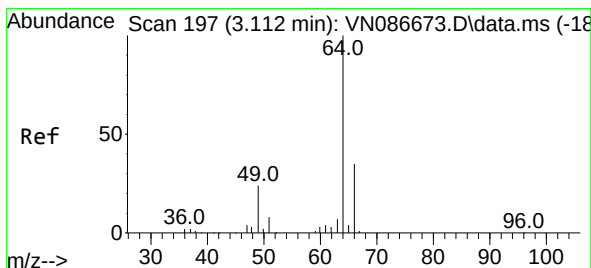
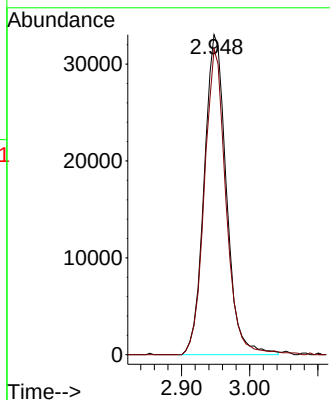
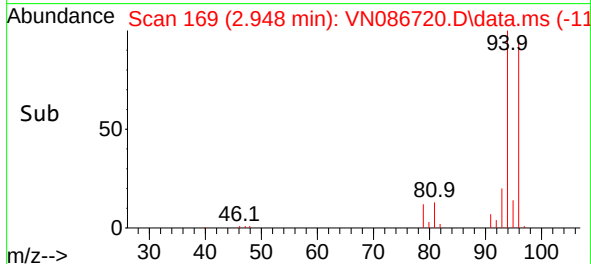
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Tgt Ion: 94 Resp: 74790
Ion Ratio Lower Upper
94 100
96 95.4 71.2 106.8

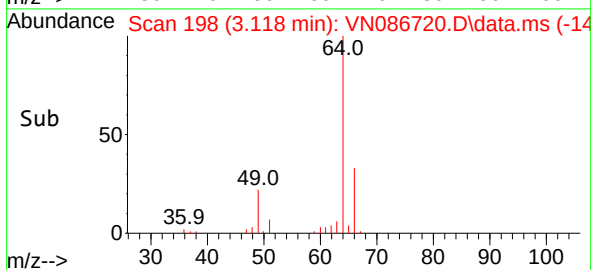
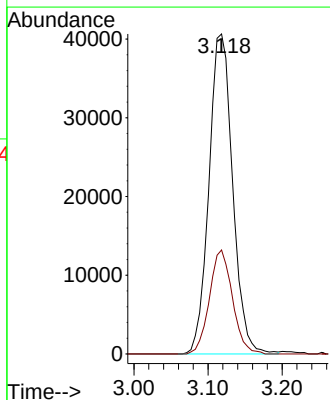
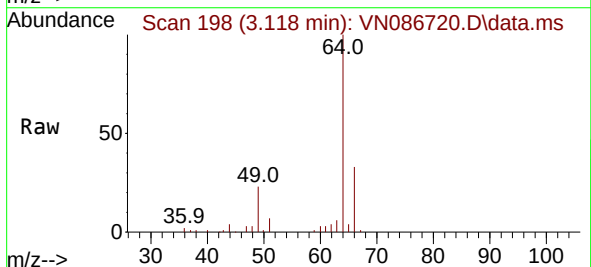
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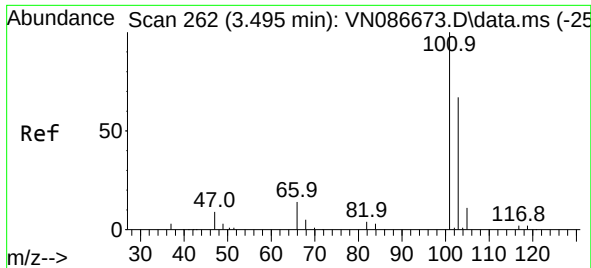
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#6
Chloroethane
Concen: 49.626 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Tgt Ion: 64 Resp: 90308
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5





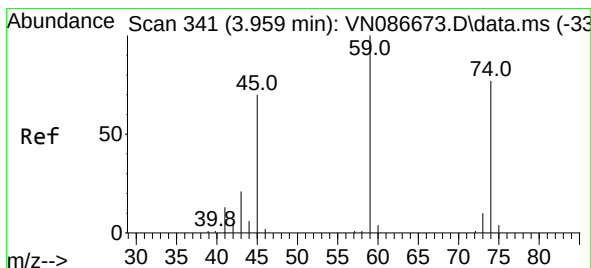
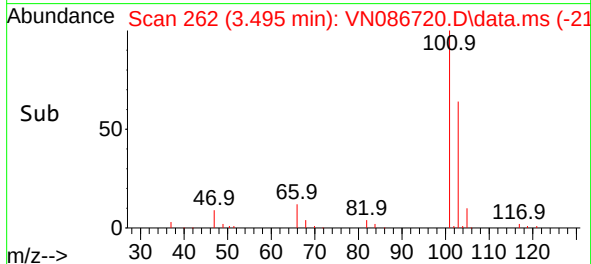
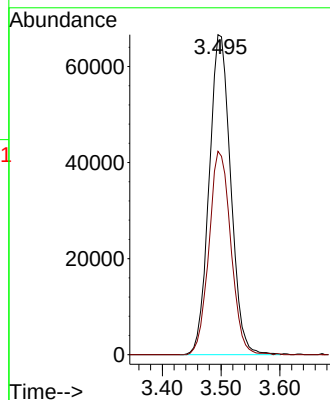
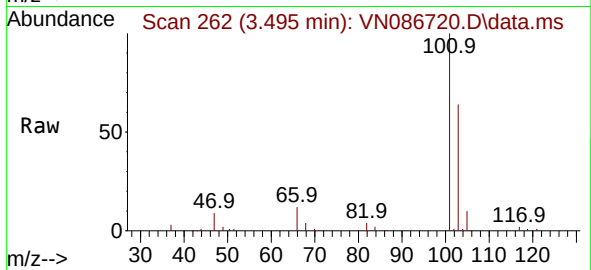
#7
Trichlorofluoromethane
Concen: 51.098 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 16963
Ion Ratio Lower Upper
101 100
103 63.5 53.4 80.0

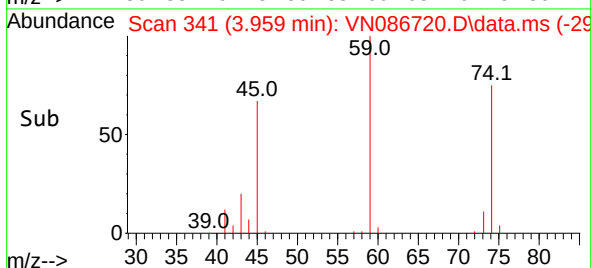
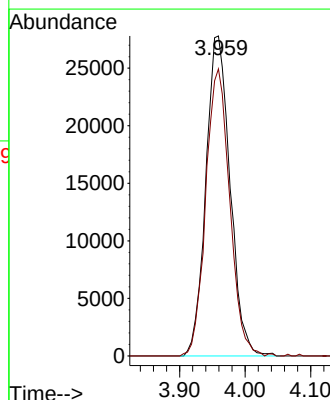
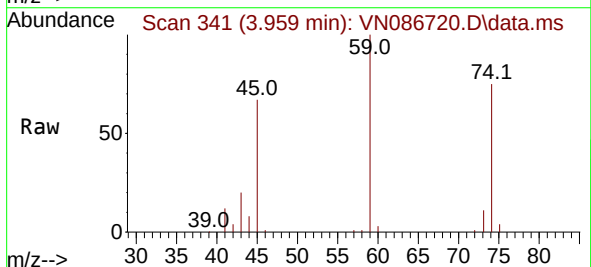
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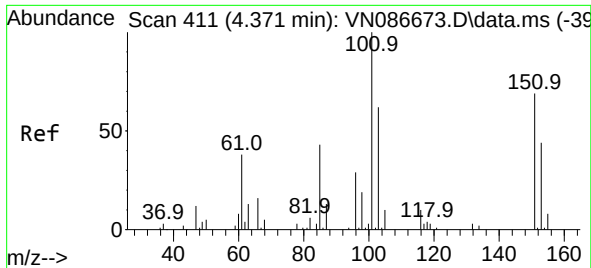
Reviewed By :John Carlone 05/21/2025
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#8
Diethyl Ether
Concen: 52.002 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086720.D
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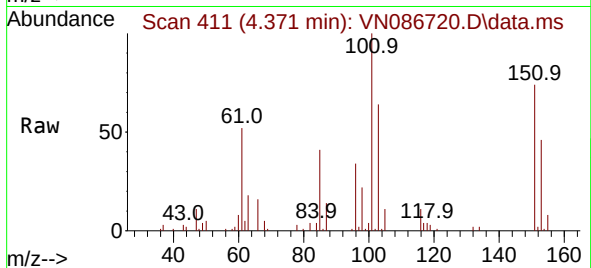
Tgt Ion: 74 Resp: 71316
Ion Ratio Lower Upper
74 100
45 88.6 45.0 135.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.176 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086720.D
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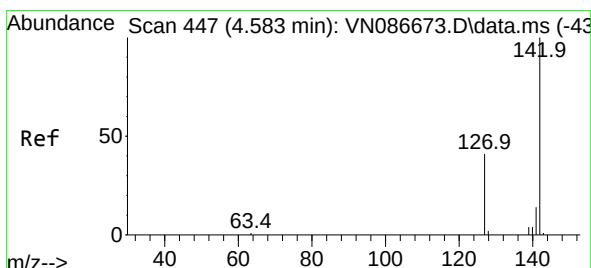
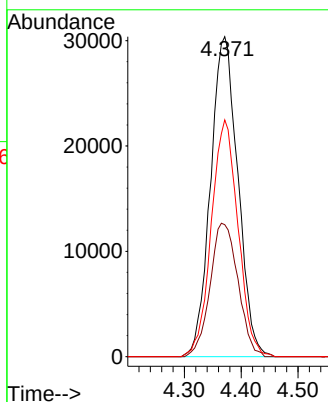
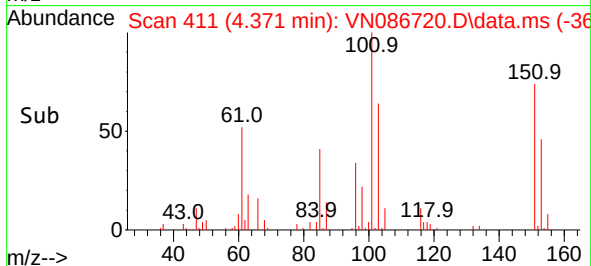
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



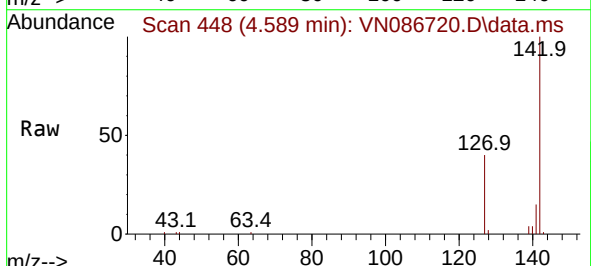
Tgt Ion:101 Resp: 101708
Ion Ratio Lower Upper
101 100
85 42.4 35.0 52.6
151 72.2 58.1 87.1

Manual Integrations
APPROVED

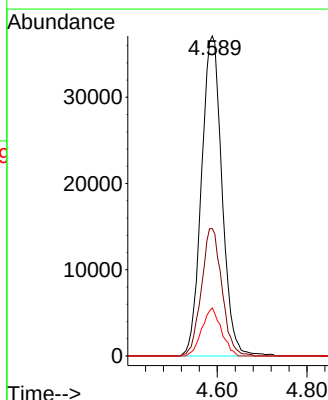
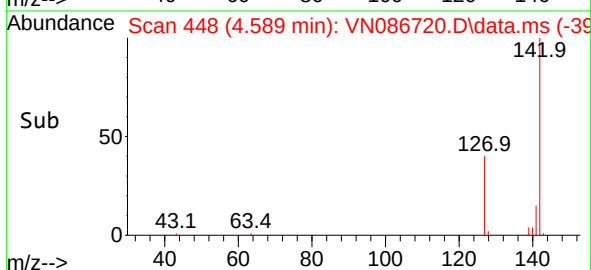
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

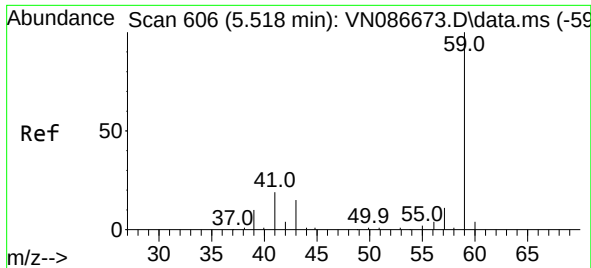


#10
Methyl Iodide
Concen: 47.634 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



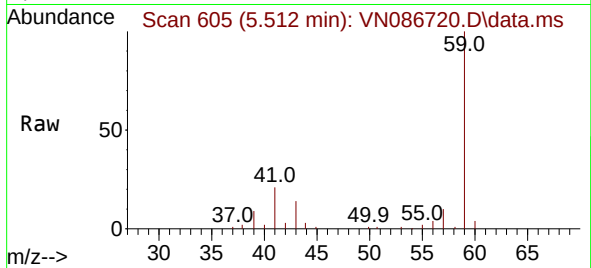
Tgt Ion:142 Resp: 117760
Ion Ratio Lower Upper
142 100
127 39.8 32.4 48.6
141 15.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 236.389 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

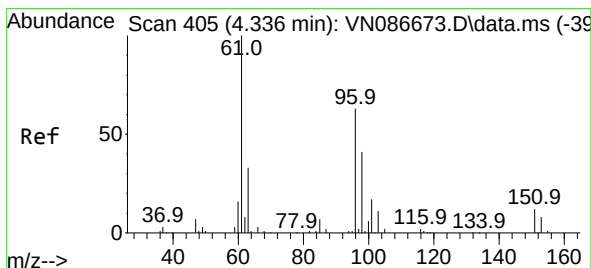
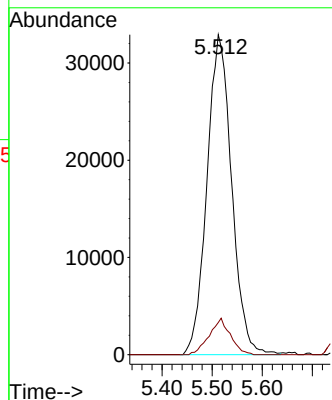
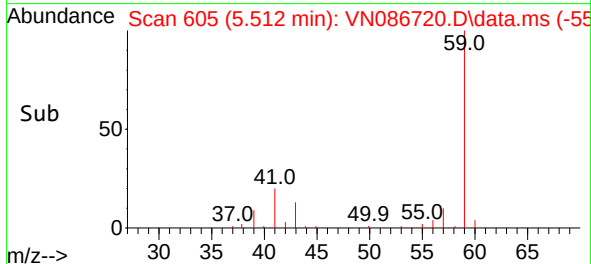
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



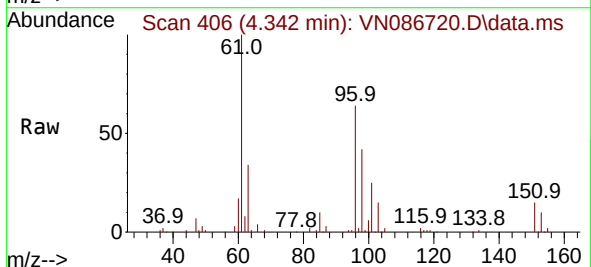
Tgt Ion: 59 Resp: 112654
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

Manual Integrations
APPROVED

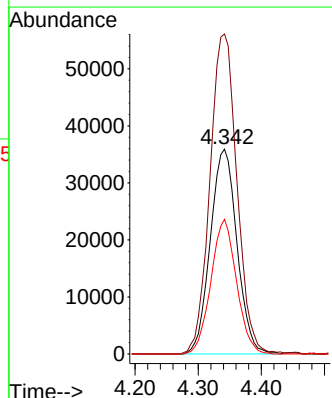
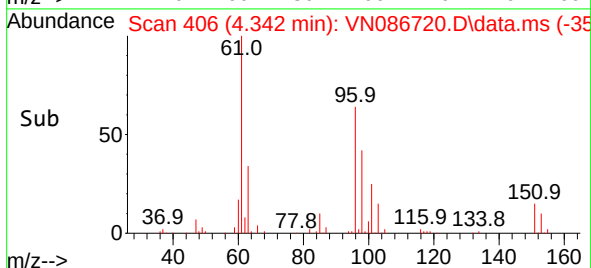
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

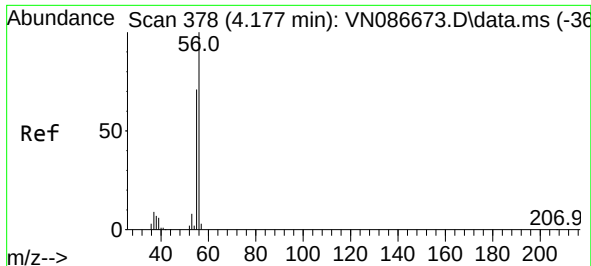


#12
1,1-Dichloroethene
Concen: 49.922 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



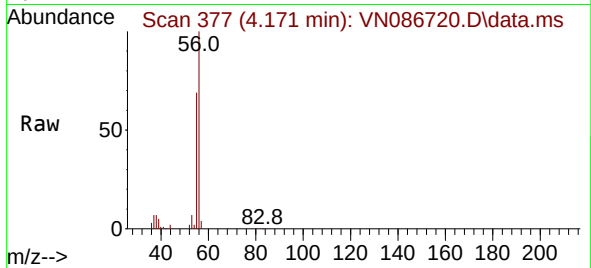
Tgt Ion: 96 Resp: 105442
Ion Ratio Lower Upper
96 100
61 156.2 126.2 189.2
98 65.8 51.5 77.3





#13
Acrolein
Concen: 226.218 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

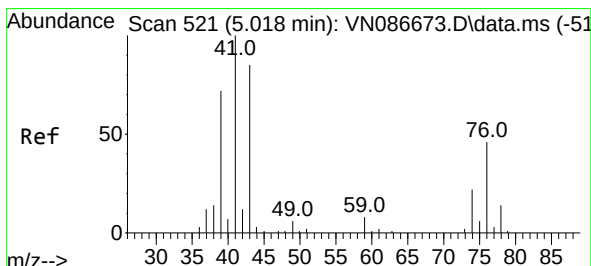
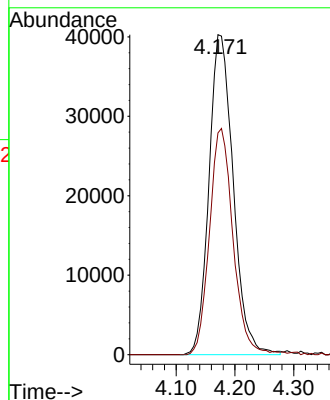
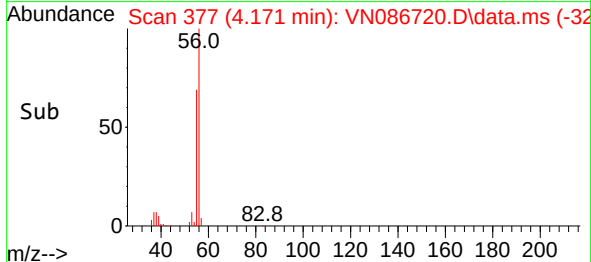
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



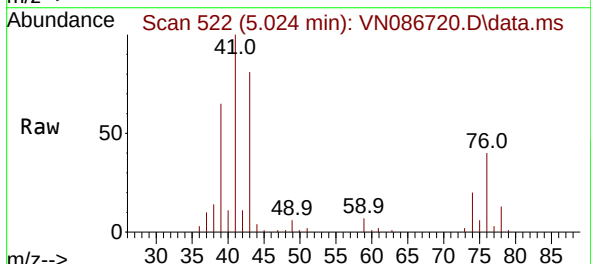
Tgt Ion: 56 Resp: 115248
Ion Ratio Lower Upper
56 100
55 68.9 55.7 83.5

Manual Integrations
APPROVED

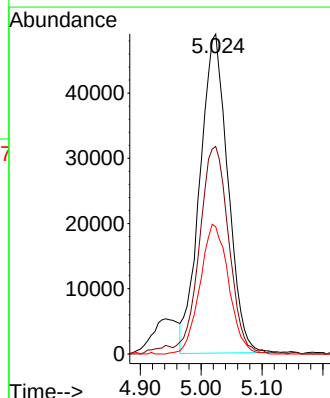
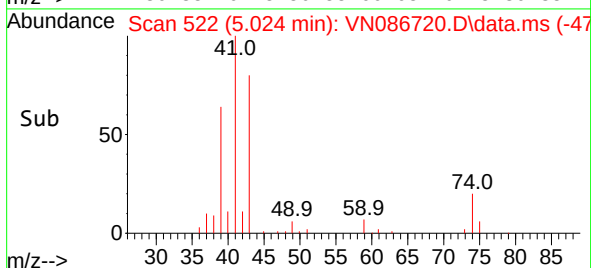
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

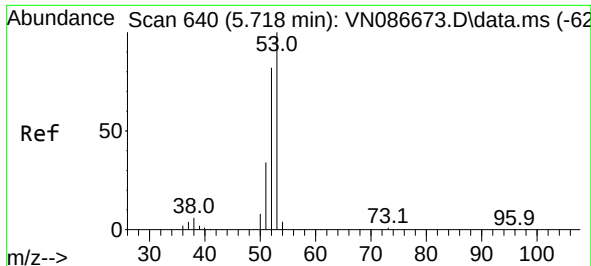


#14
Allyl chloride
Concen: 48.789 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



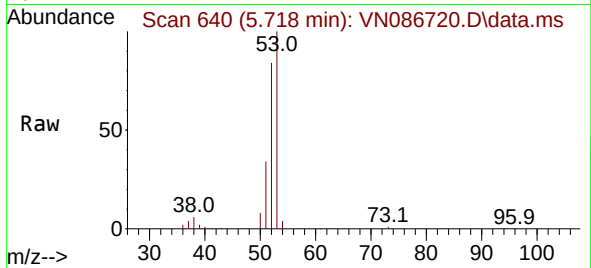
Tgt Ion: 41 Resp: 155973
Ion Ratio Lower Upper
41 100
39 68.3 57.4 86.0
76 41.6 33.2 49.8





#15
Acrylonitrile
Concen: 249.224 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

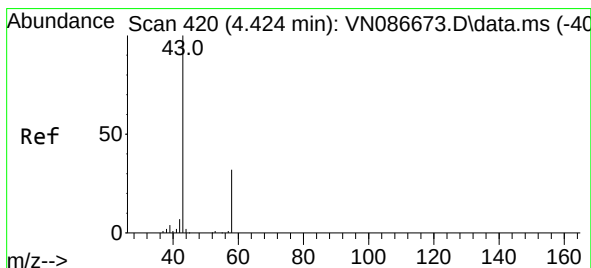
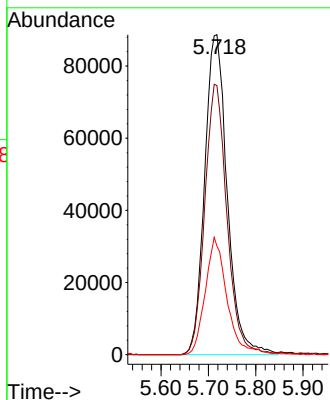
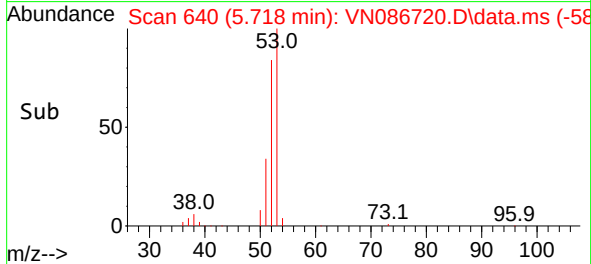
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 294073
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.2
51 35.5 27.9 41.9

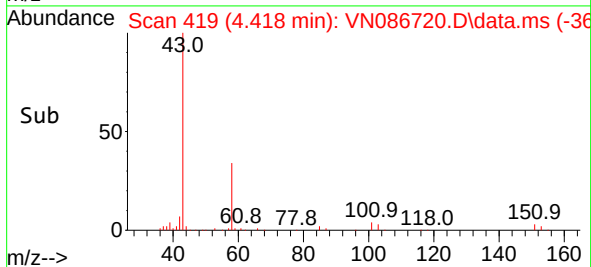
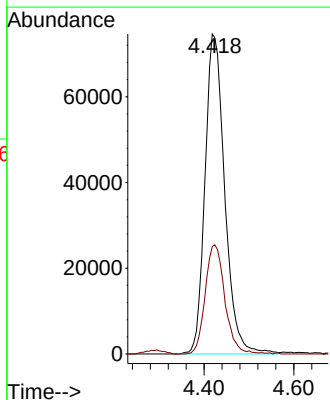
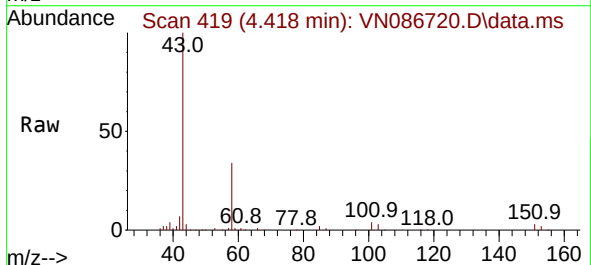
Manual Integrations
APPROVED

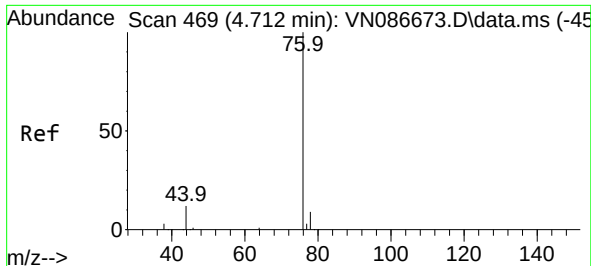
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
Acetone
Concen: 232.674 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

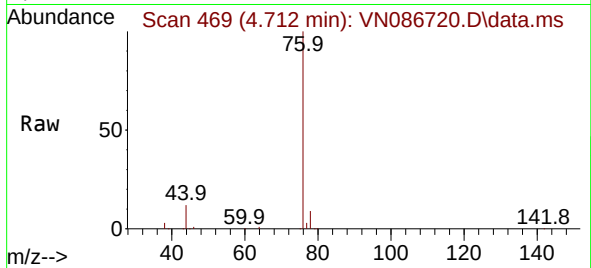
Tgt Ion: 43 Resp: 227744
Ion Ratio Lower Upper
43 100
58 33.6 25.8 38.6





#17
Carbon Disulfide
Concen: 50.633 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

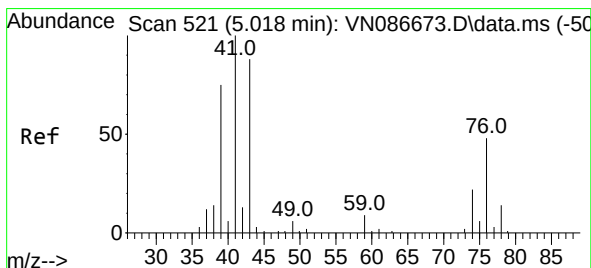
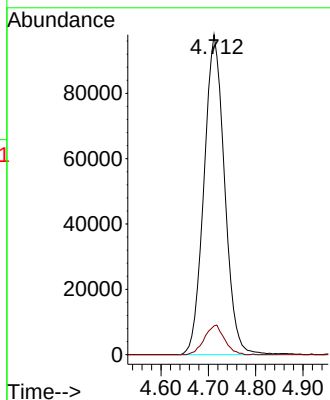
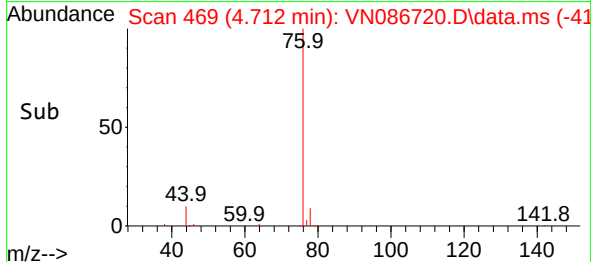
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



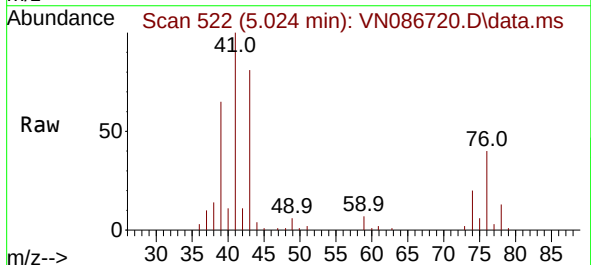
Tgt Ion: 76 Resp: 296090
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

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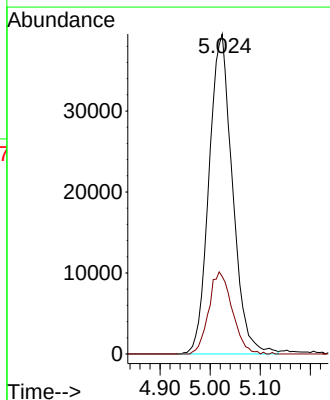
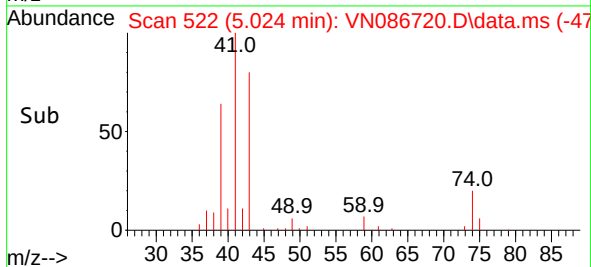
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

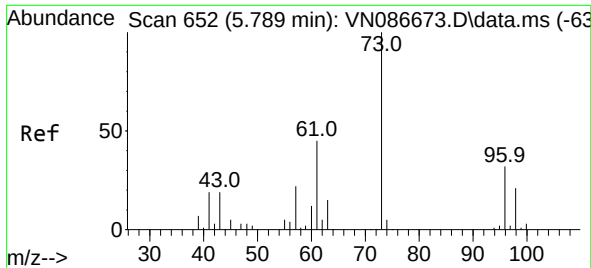


#18
Methyl Acetate
Concen: 46.894 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion: 43 Resp: 128468
Ion Ratio Lower Upper
43 100
74 25.6 20.5 30.7





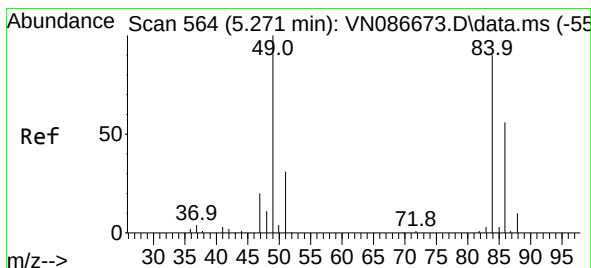
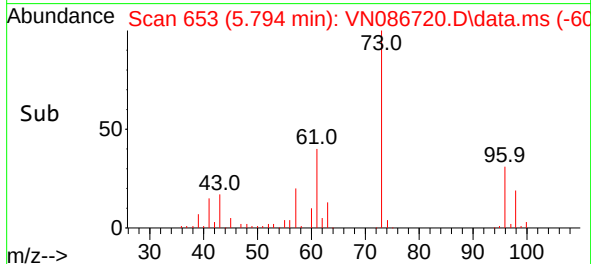
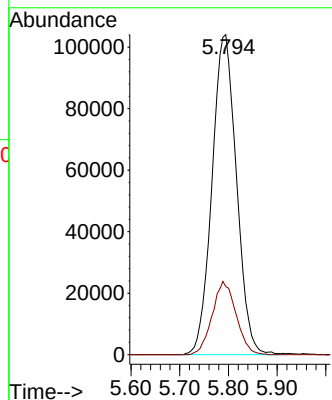
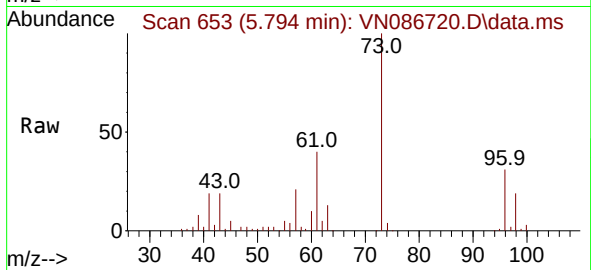
#19
Methyl tert-butyl Ether
Concen: 50.480 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 36304
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

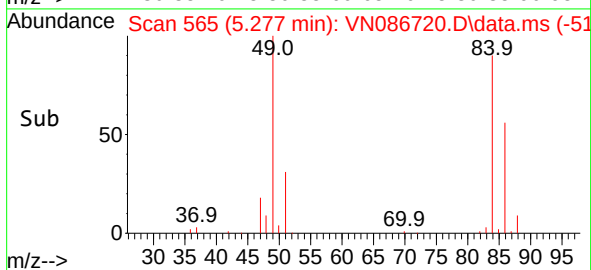
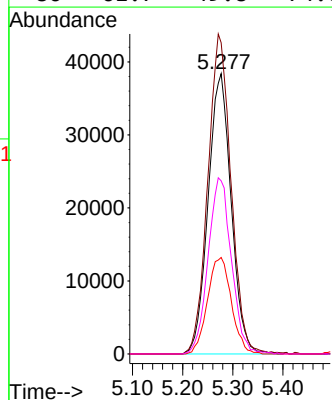
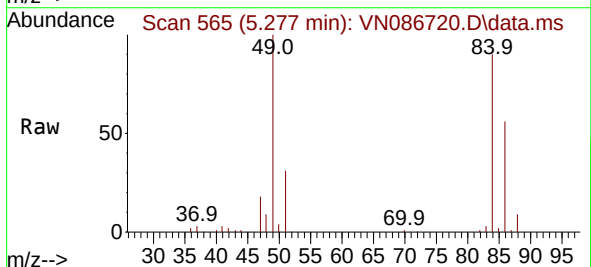
Manual Integrations
APPROVED

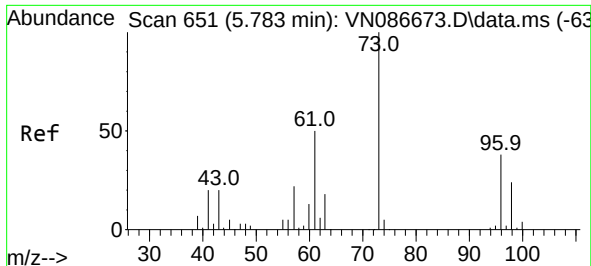
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 47.622 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

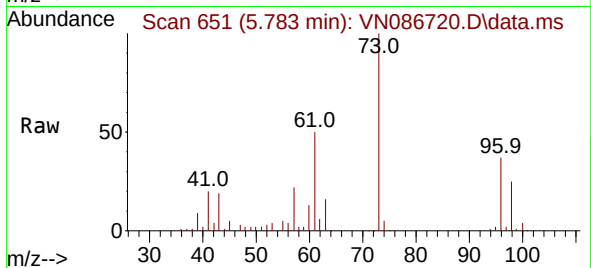
Tgt Ion: 84 Resp: 123006
Ion Ratio Lower Upper
84 100
49 111.0 88.8 133.2
51 34.4 27.8 41.6
86 61.7 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 50.133 ug/l
RT: 5.783 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

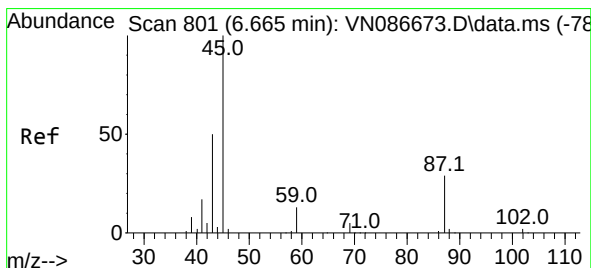
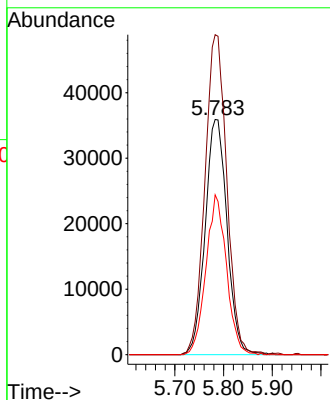
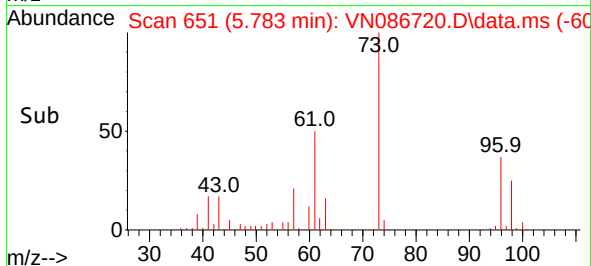
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 11195
Ion Ratio Lower Upper
96 100
61 136.1 105.7 158.5
98 68.0 51.0 76.6

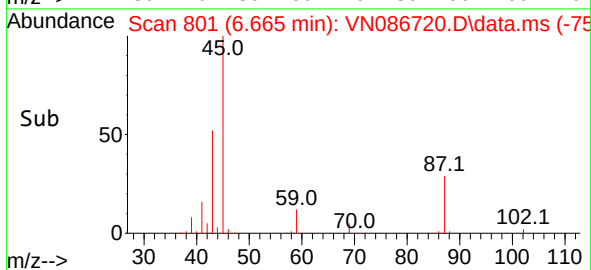
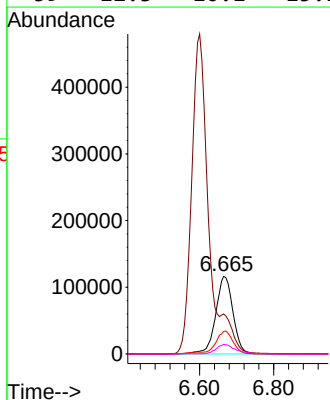
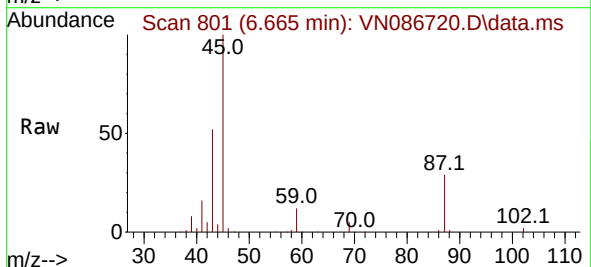
Manual Integrations
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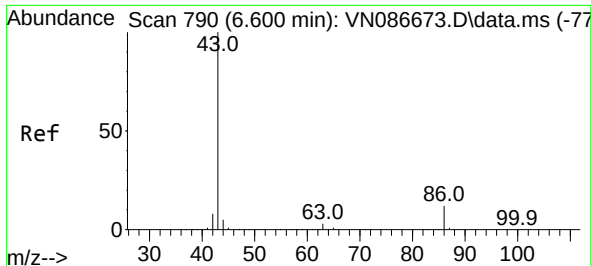
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#22
Diisopropyl ether
Concen: 52.016 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Tgt Ion: 45 Resp: 375156
Ion Ratio Lower Upper
45 100
43 51.0 41.4 62.2
87 29.0 22.9 34.3
59 12.3 10.1 15.1





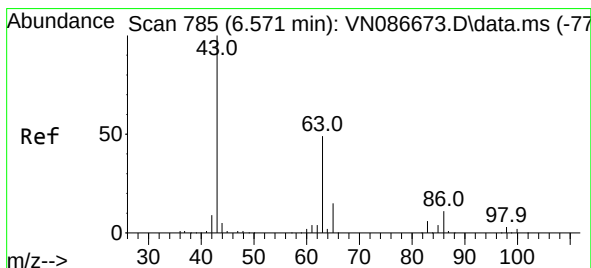
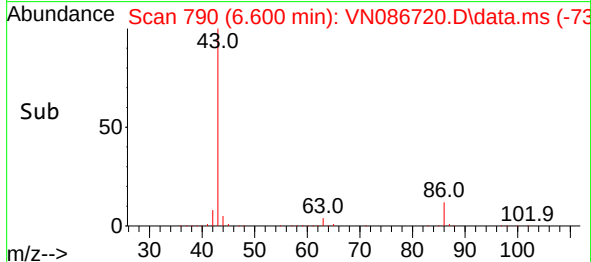
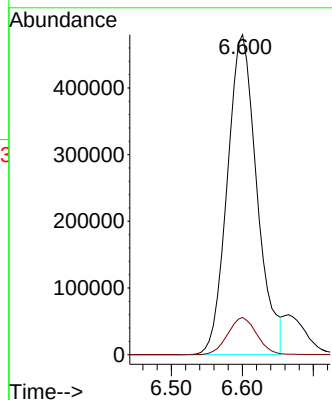
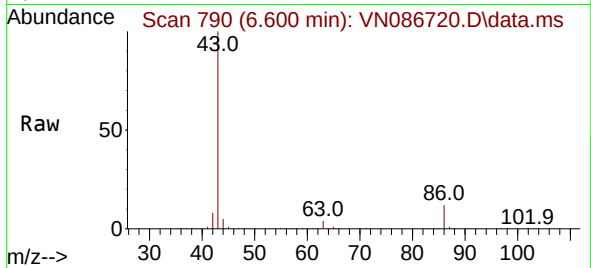
#23
 Vinyl Acetate
 Concen: 256.776 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086720.D
 Acq: 20 May 2025 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 139186
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.5 14.3

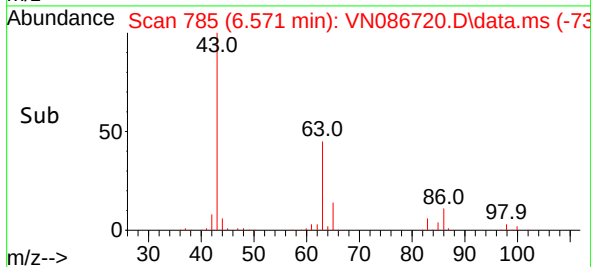
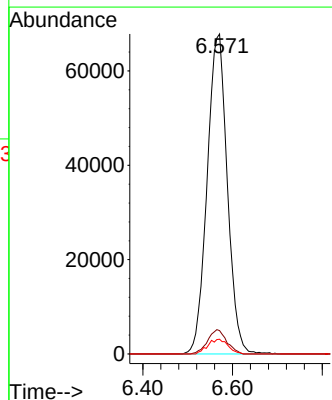
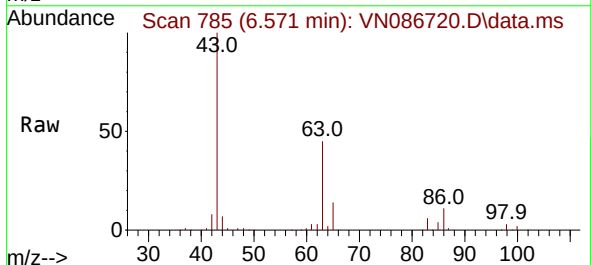
Manual Integrations
 APPROVED

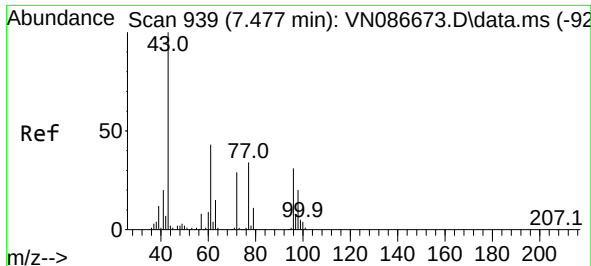
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#24
 1,1-Dichloroethane
 Concen: 50.083 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN086720.D
 Acq: 20 May 2025 16:03

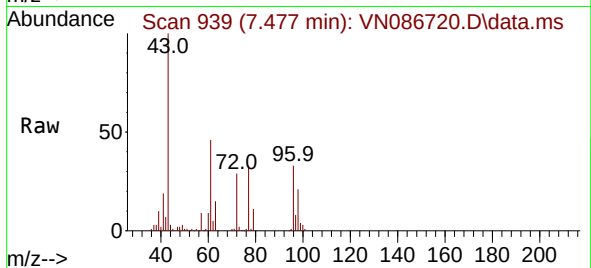
Tgt Ion: 63 Resp: 212076
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.6 2.4 7.1





#25
2-Butanone
Concen: 249.305 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

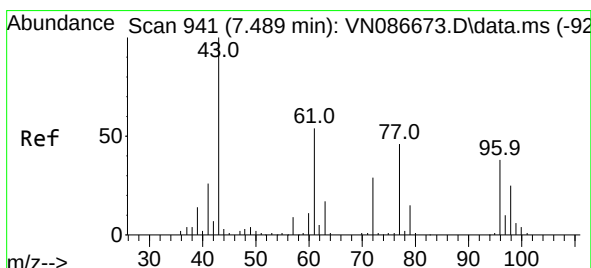
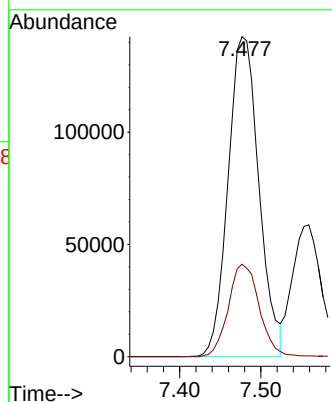
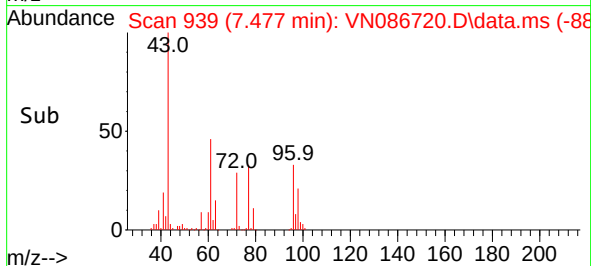
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 377083
Ion Ratio Lower Upper
43 100
72 28.9 23.1 34.7

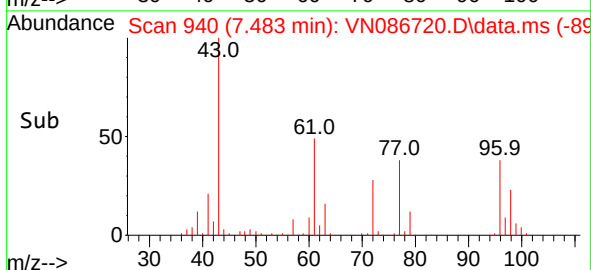
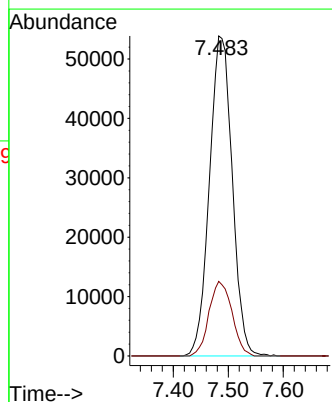
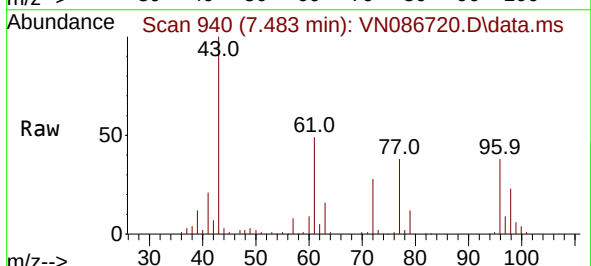
Manual Integrations
APPROVED

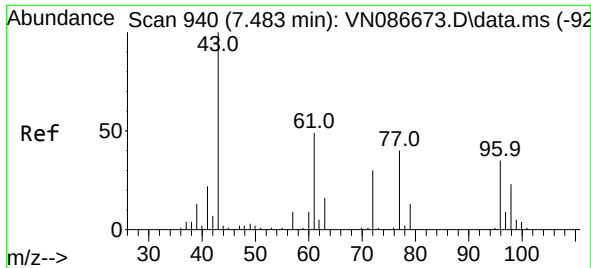
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
2,2-Dichloropropane
Concen: 44.412 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

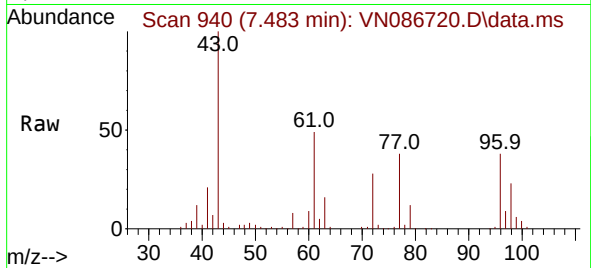
Tgt Ion: 77 Resp: 155200
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 50.005 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086720.D
 Acq: 20 May 2025 16:03

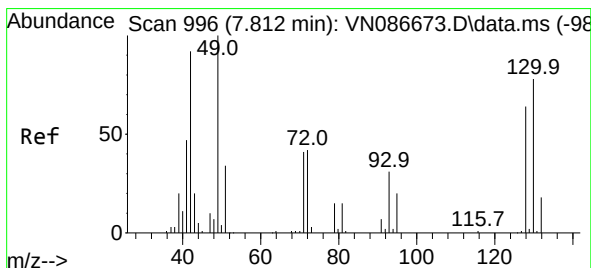
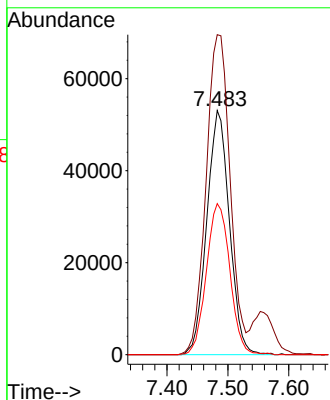
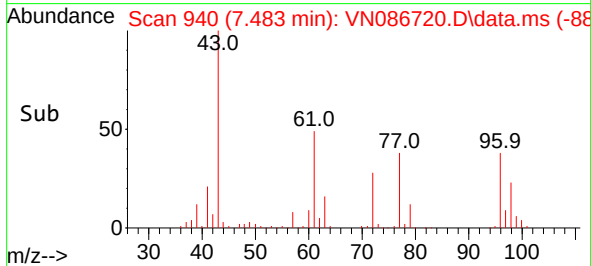
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 137065
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 277.4
 98 64.4 0.0 129.6

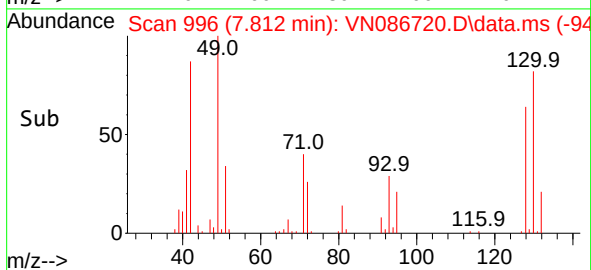
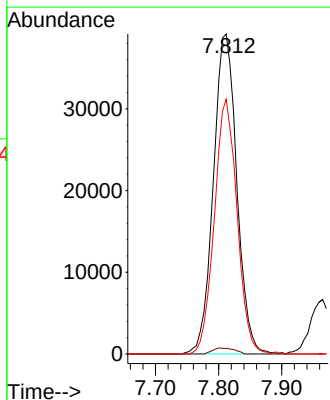
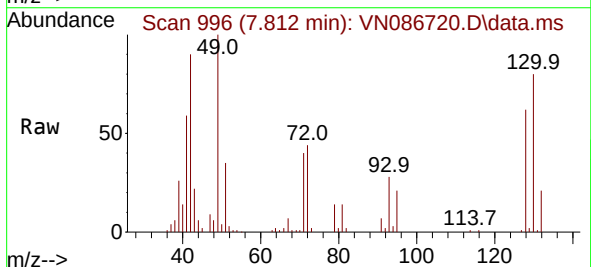
Manual Integrations
 APPROVED

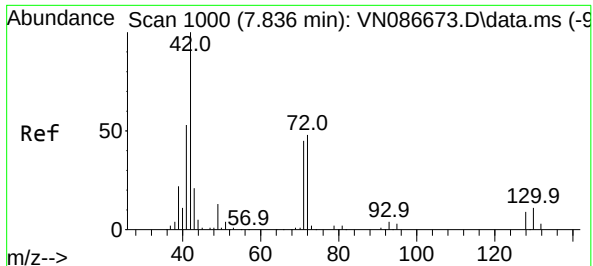
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#28
 Bromochloromethane
 Concen: 52.579 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086720.D
 Acq: 20 May 2025 16:03

Tgt Ion: 49 Resp: 101157
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 76.9 62.2 93.4





#29

Tetrahydrofuran

Concen: 253.853 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 250618

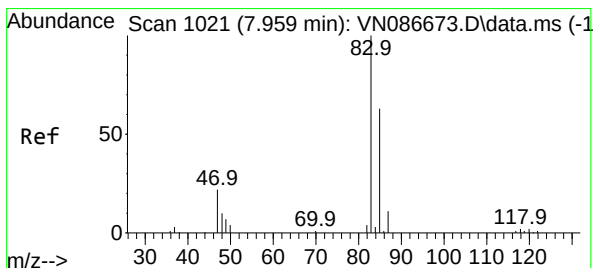
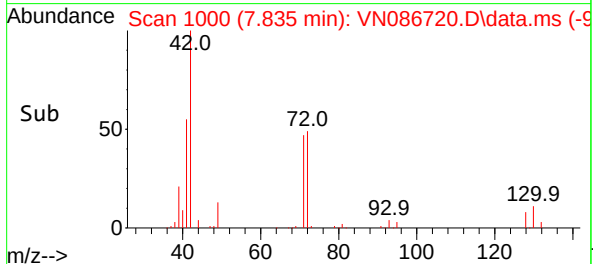
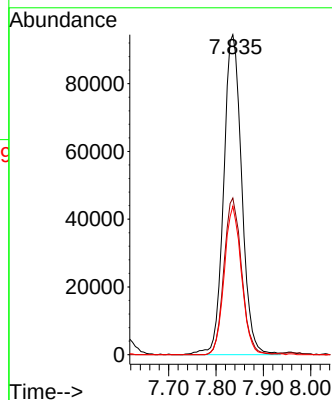
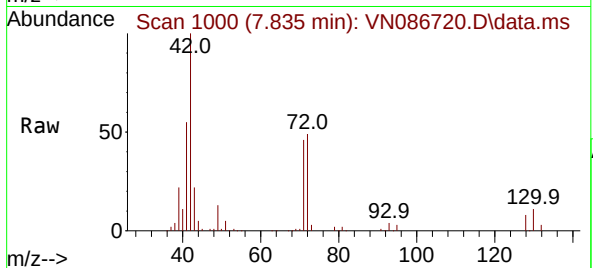
Ion	Ratio	Lower	Upper
42	100		
72	47.8	38.7	58.1
71	44.4	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Chloroform

Concen: 49.578 ug/l

RT: 7.965 min Scan# 1022

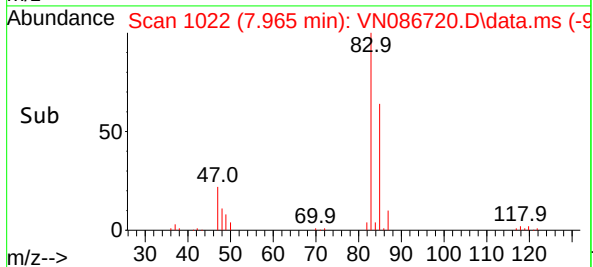
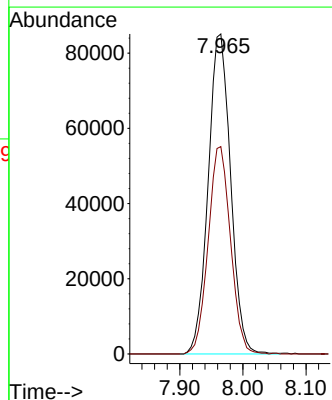
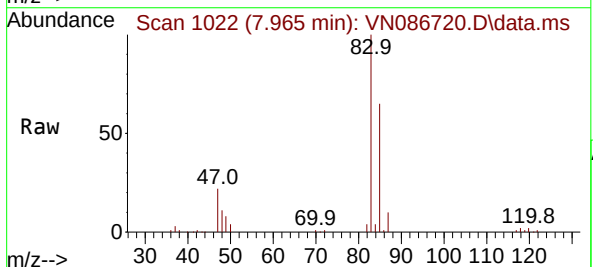
Delta R.T. 0.006 min

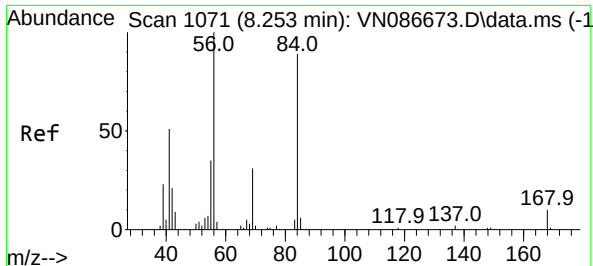
Lab File: VN086720.D

Acq: 20 May 2025 16:03

Tgt Ion: 83 Resp: 210130

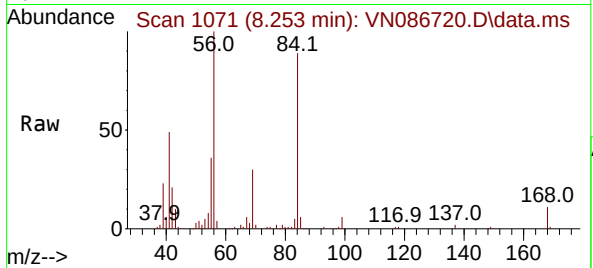
Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4





#31
Cyclohexane
Concen: 48.116 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

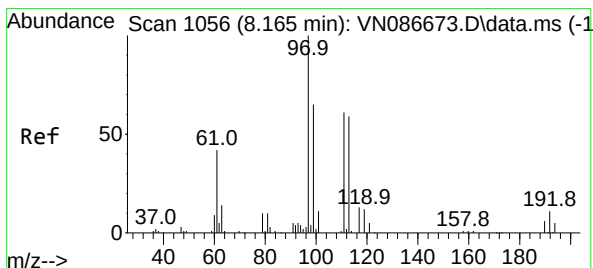
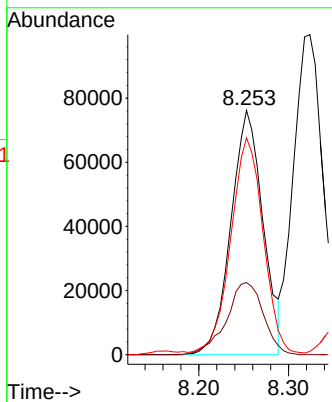
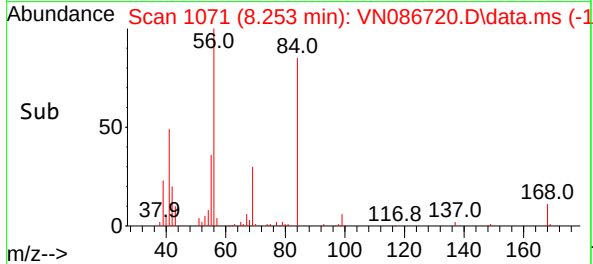
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



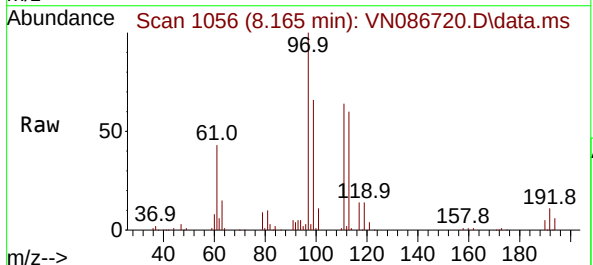
Tgt Ion: 56 Resp: 18896
Ion Ratio Lower Upper
56 100
69 29.6 25.0 37.6
84 87.7 71.0 106.4

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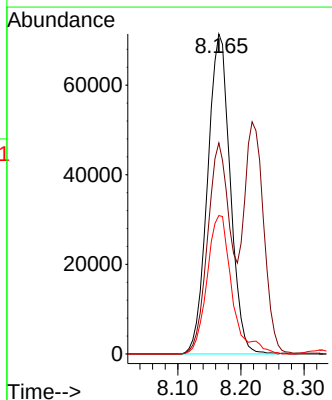
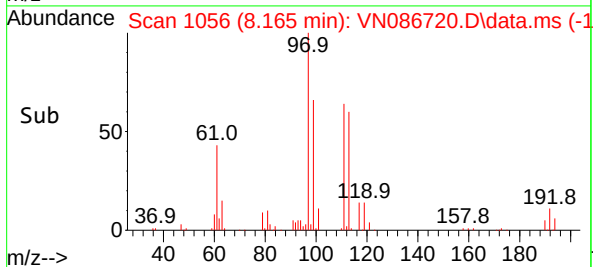
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

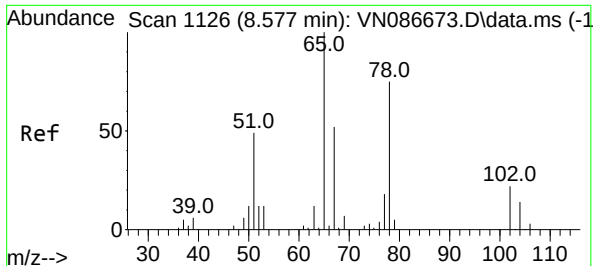


#32
1,1,1-Trichloroethane
Concen: 49.725 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion: 97 Resp: 177690
Ion Ratio Lower Upper
97 100
99 66.8 52.6 79.0
61 47.6 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 50.050 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13096

Ion Ratio Lower Upper

65 100

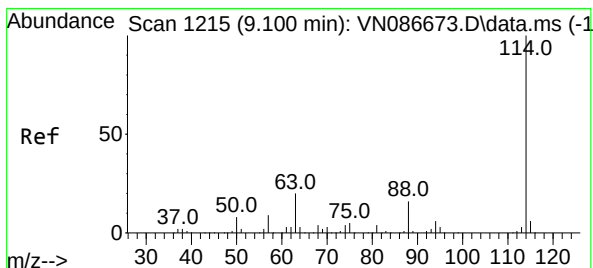
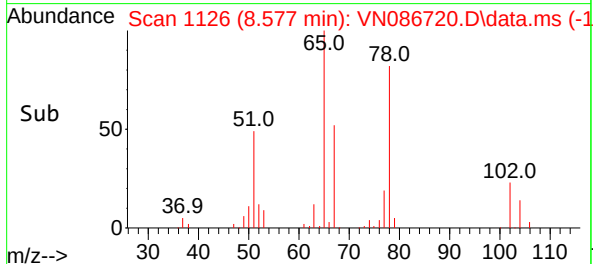
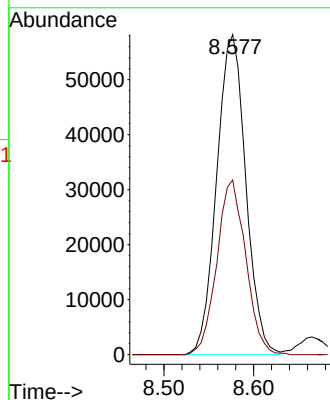
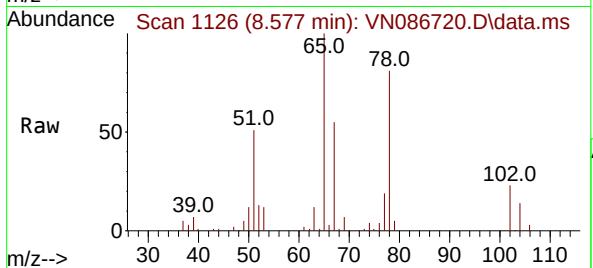
67 54.2 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

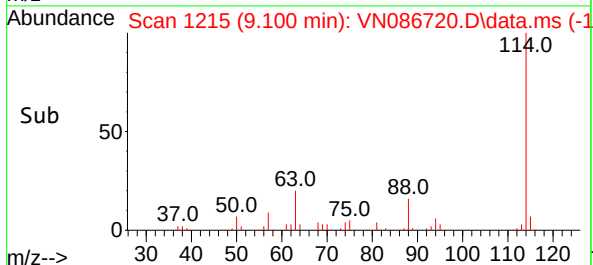
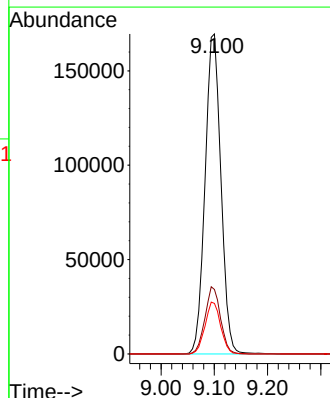
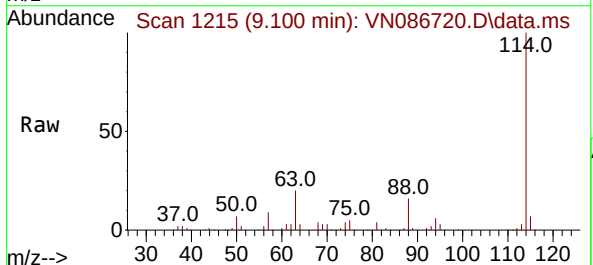
Tgt Ion:114 Resp: 350902

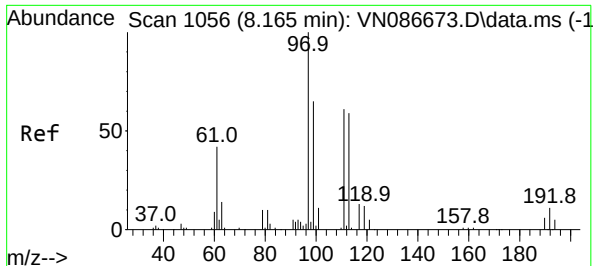
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

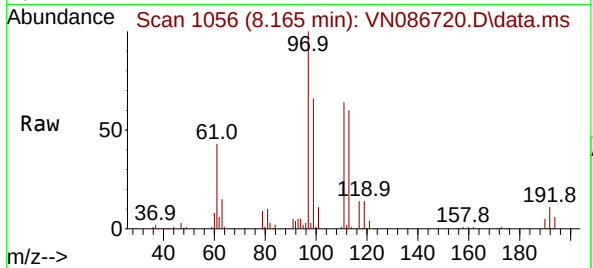
88 15.8 0.0 31.2





#35
Dibromofluoromethane
Concen: 50.012 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

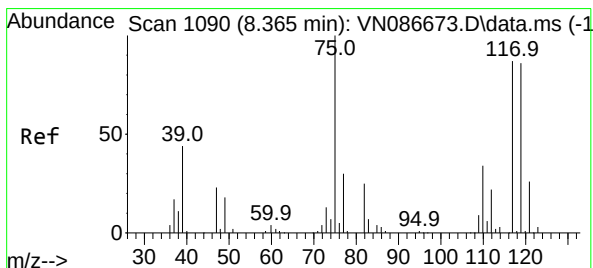
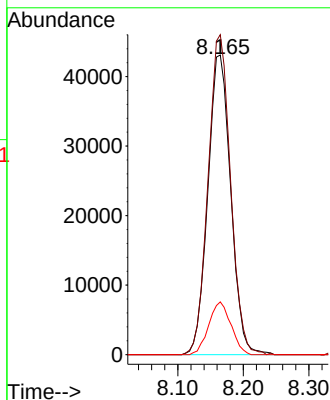
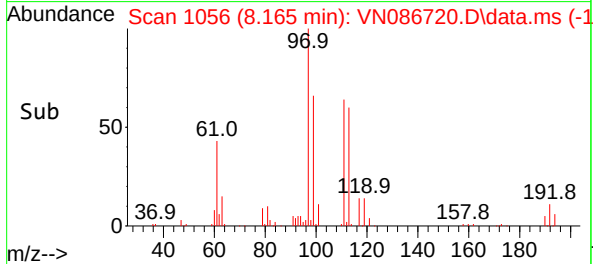
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



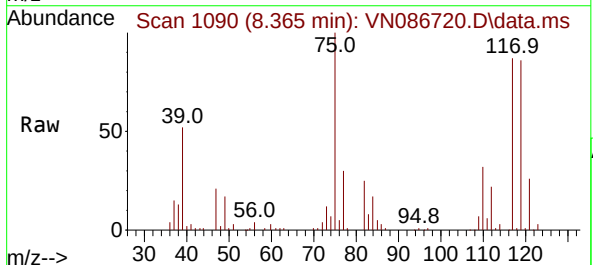
Tgt Ion: 113 Resp: 104514
Ion Ratio Lower Upper
113 100
111 104.8 82.2 123.2
192 17.1 13.8 20.8

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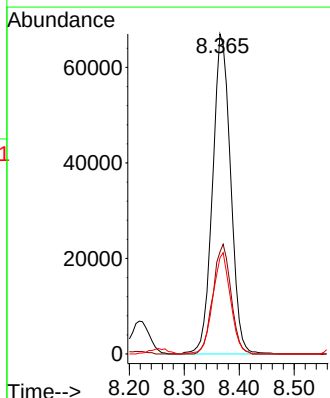
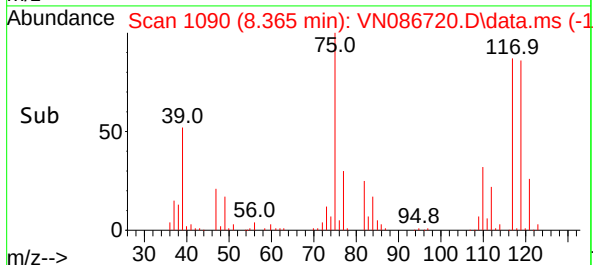
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

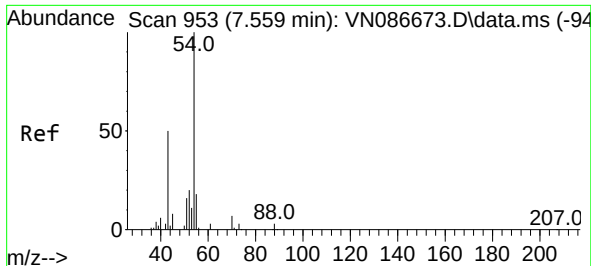


#36
1,1-Dichloropropene
Concen: 49.614 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion: 75 Resp: 152935
Ion Ratio Lower Upper
75 100
110 34.2 17.5 52.5
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 48.007 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086720.D

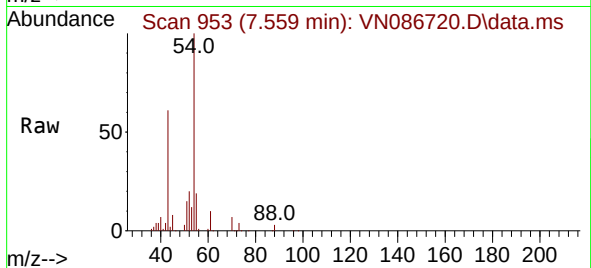
Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

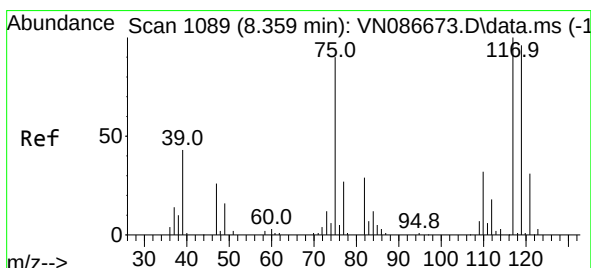
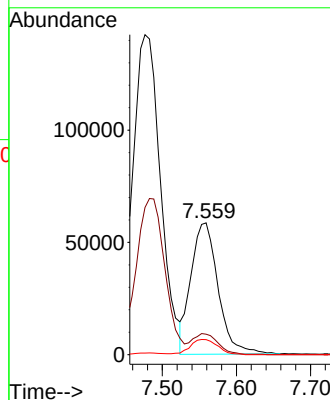
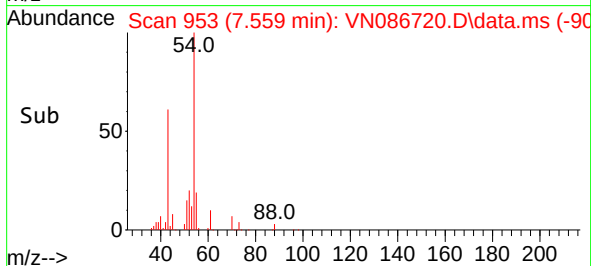


Tgt Ion: 43 Resp: 14948

Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.6	17.4
70	11.8	9.4	14.0

Manual Integrations
APPROVED

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



#38

Carbon Tetrachloride

Concen: 49.226 ug/l

RT: 8.359 min Scan# 1089

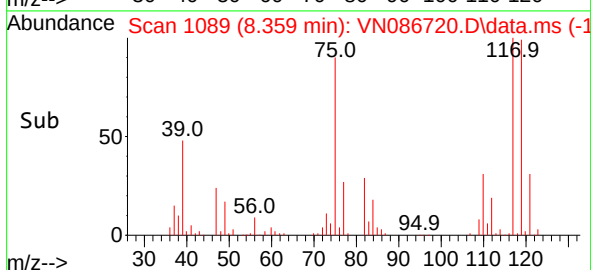
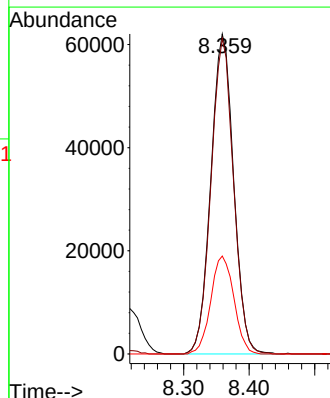
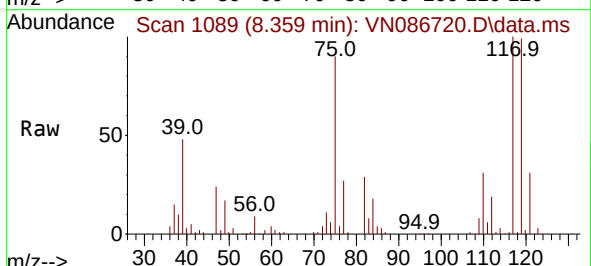
Delta R.T. -0.000 min

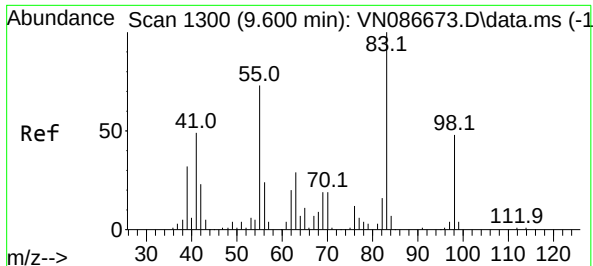
Lab File: VN086720.D

Acq: 20 May 2025 16:03

Tgt Ion: 117 Resp: 149506

Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.0	115.6
121	30.6	25.0	37.6





#39

Methylcyclohexane

Concen: 50.098 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 167138

Ion Ratio Lower Upper

83 100

55 70.9 58.2 87.4

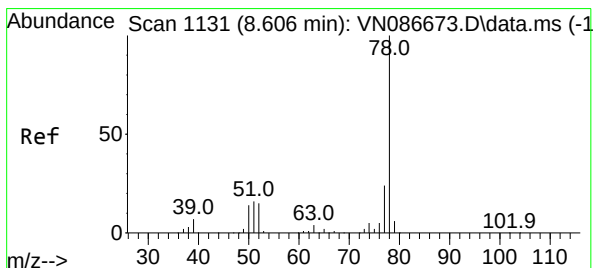
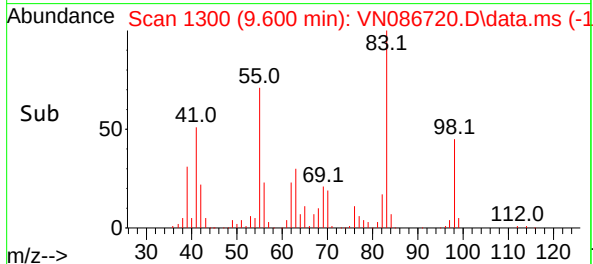
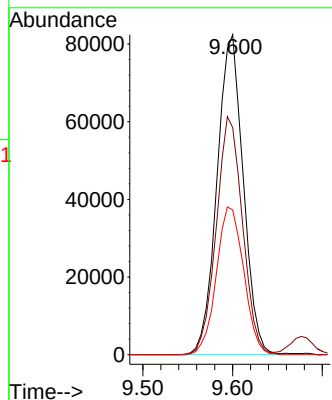
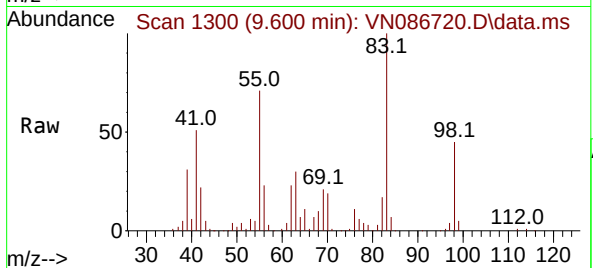
98 45.3 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#40

Benzene

Concen: 49.446 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086720.D

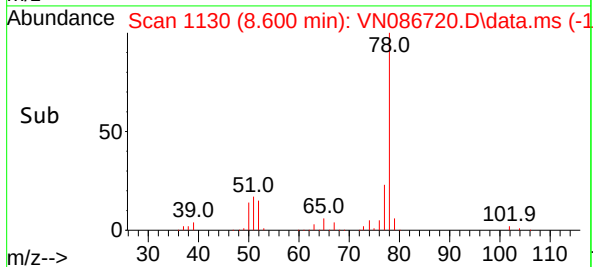
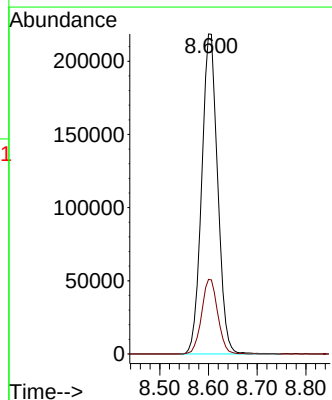
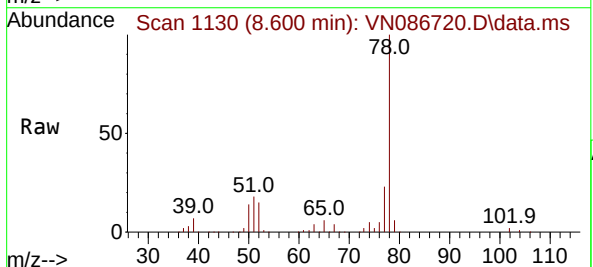
Acq: 20 May 2025 16:03

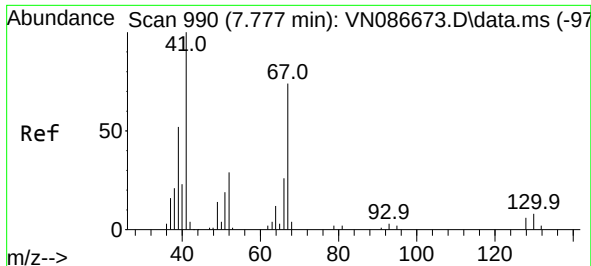
Tgt Ion: 78 Resp: 497215

Ion Ratio Lower Upper

78 100

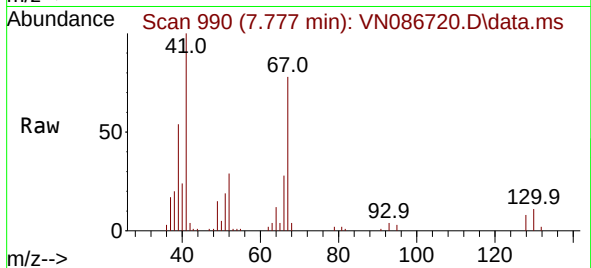
77 23.3 19.1 28.7





#41
Methacrylonitrile
Concen: 49.289 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

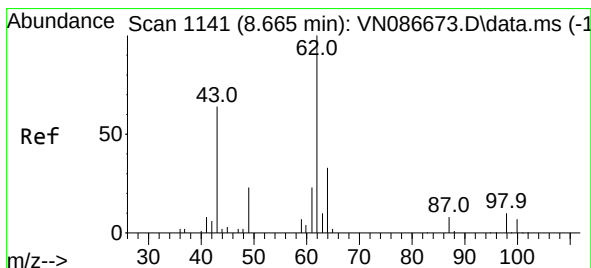
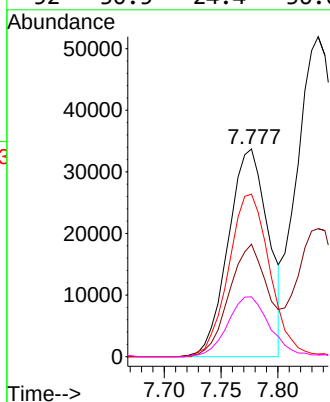
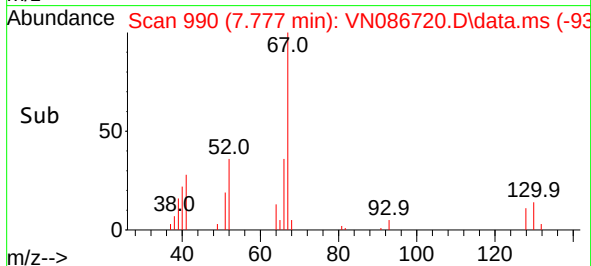
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



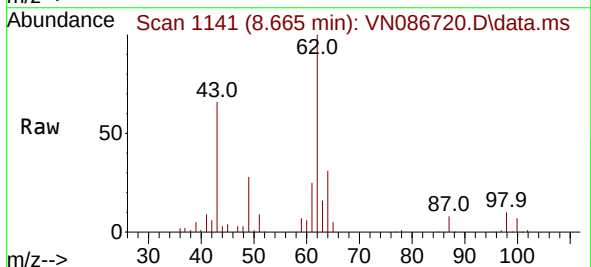
Tgt Ion: 41 Resp: 82860
Ion Ratio Lower Upper
41 100
39 52.4 44.9 67.3
67 81.0 63.4 95.0
52 30.5 24.4 36.6

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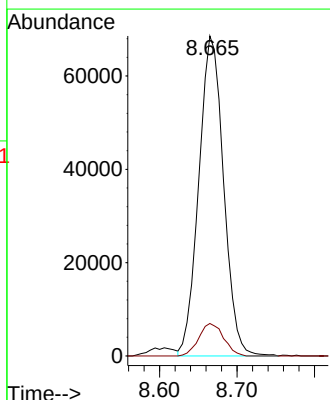
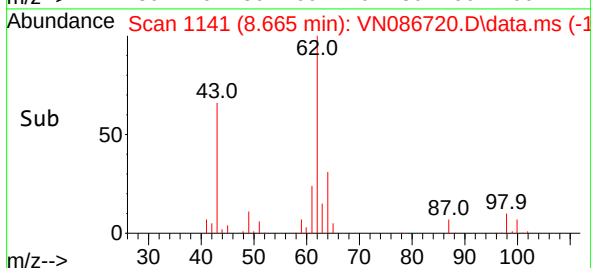
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

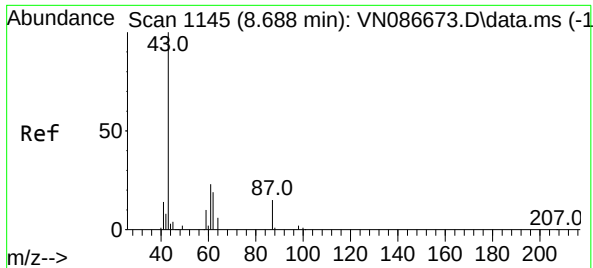


#42
1,2-Dichloroethane
Concen: 48.649 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



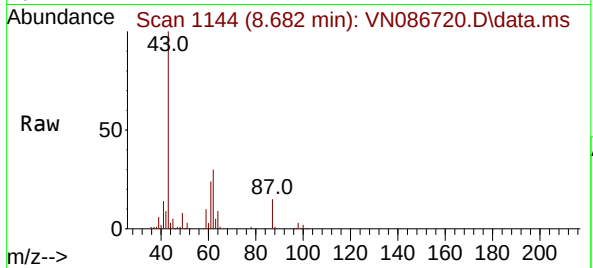
Tgt Ion: 62 Resp: 152406
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.2





#43
Isopropyl Acetate
Concen: 43.940 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

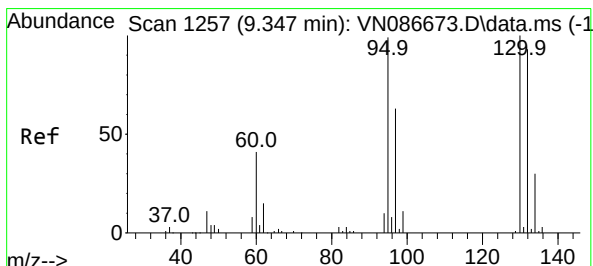
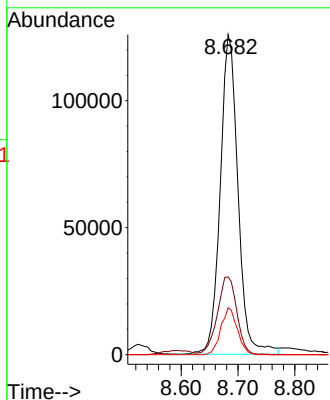
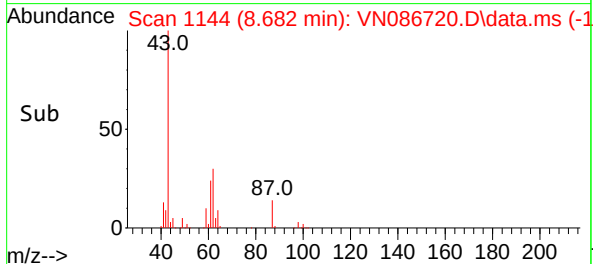
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 27428
Ion Ratio Lower Upper
43 100
61 26.7 21.4 32.2
87 13.5 11.1 16.7

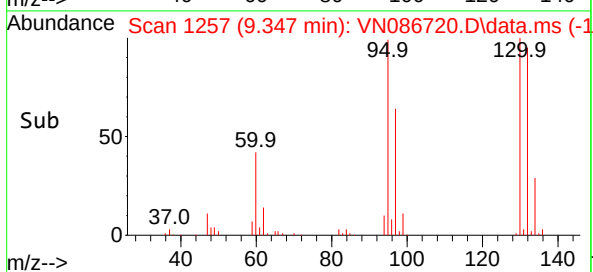
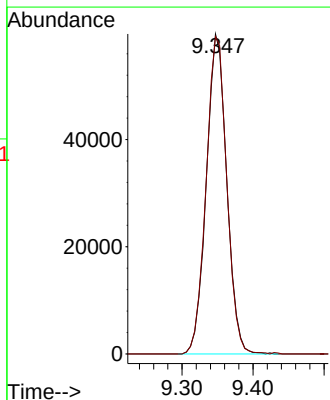
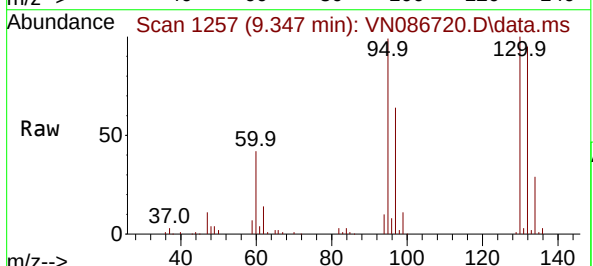
Manual Integrations
APPROVED

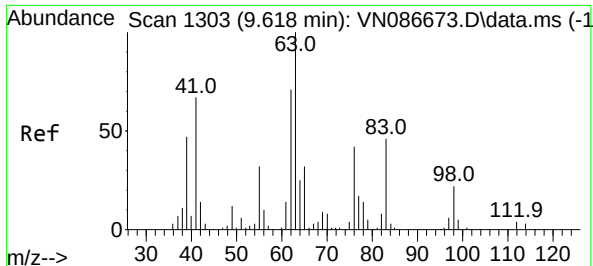
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#44
Trichloroethene
Concen: 49.032 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Tgt Ion:130 Resp: 118921
Ion Ratio Lower Upper
130 100
95 99.2 0.0 197.0





#45

1,2-Dichloropropane

Concen: 50.116 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 119710

Ion Ratio Lower Upper

63 100

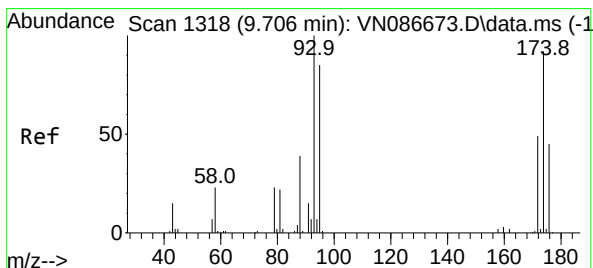
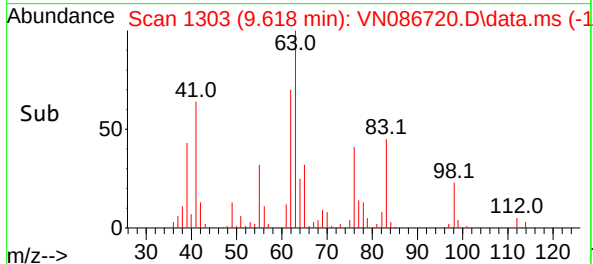
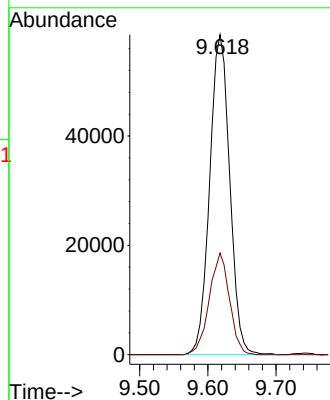
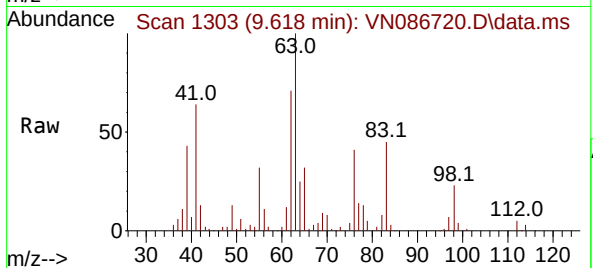
65 31.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#46

Dibromomethane

Concen: 48.836 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

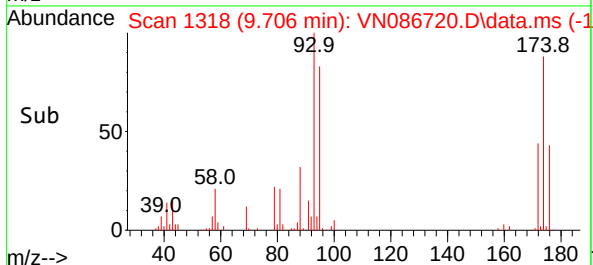
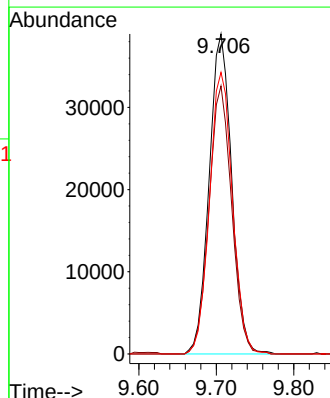
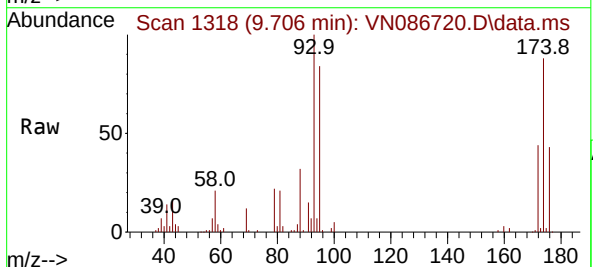
Tgt Ion: 93 Resp: 78717

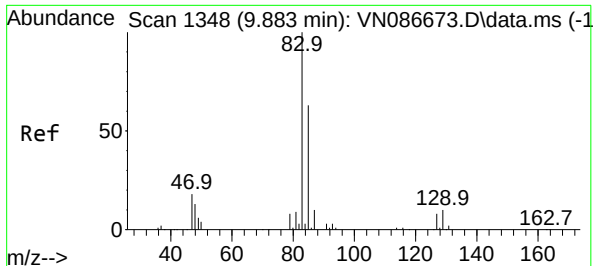
Ion Ratio Lower Upper

93 100

95 84.0 67.1 100.7

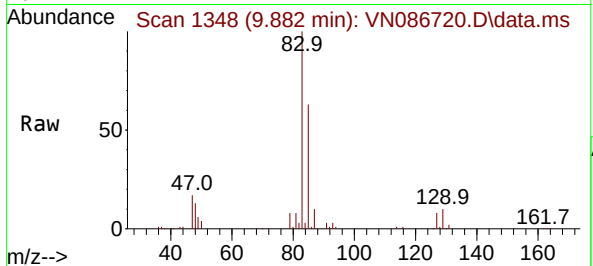
174 89.6 73.8 110.6





#47
Bromodichloromethane
Concen: 49.632 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

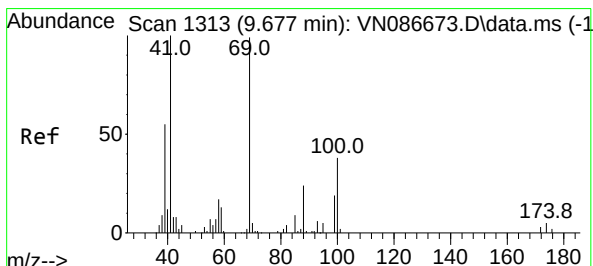
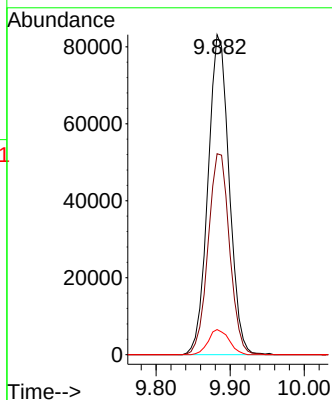
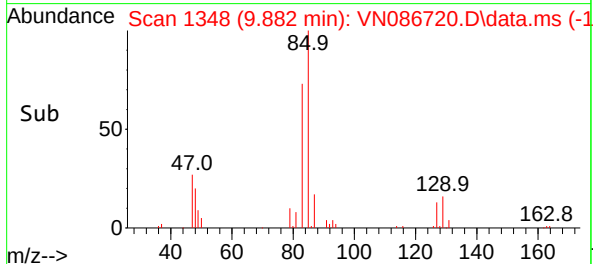
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



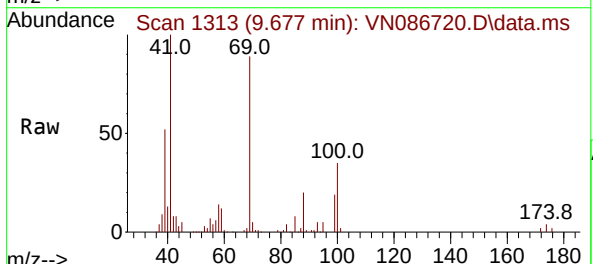
Tgt Ion: 83 Resp: 164832
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 7.9 6.2 9.4

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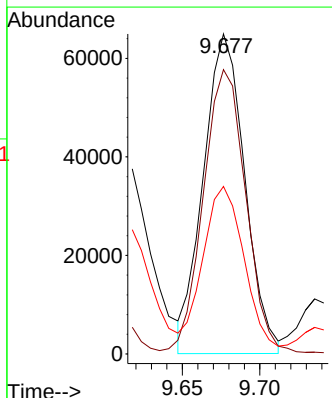
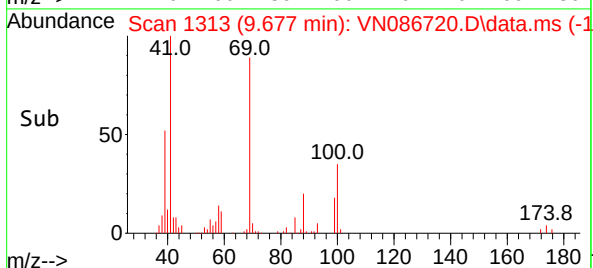
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

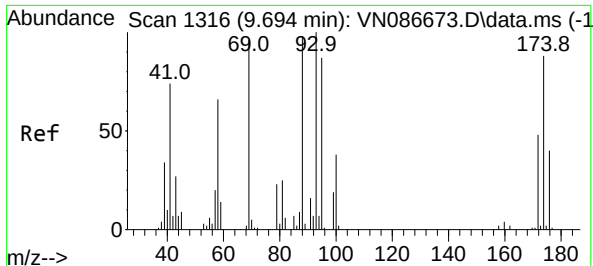


#48
Methyl methacrylate
Concen: 49.781 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion: 41 Resp: 120411
Ion Ratio Lower Upper
41 100
69 92.2 74.1 111.1
39 53.2 44.1 66.1





#49

1,4-Dioxane

Concen: 932.926 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4778

Ion Ratio Lower Upper

88 100

43 24.7 23.6 35.4

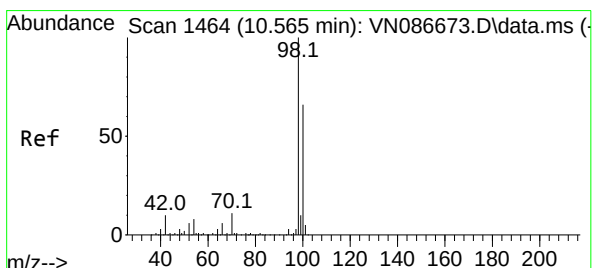
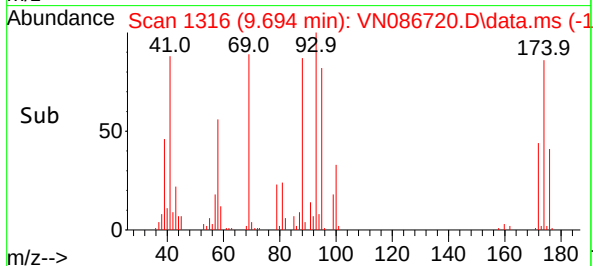
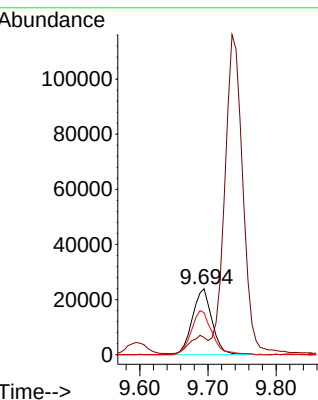
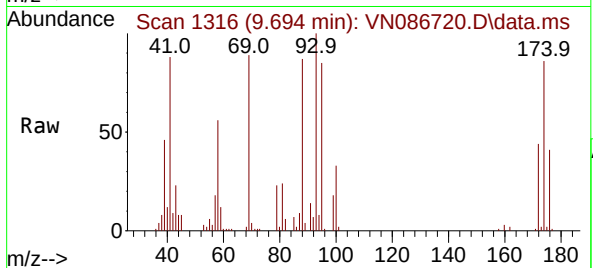
58 71.0 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#50

Toluene-d8

Concen: 50.962 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086720.D

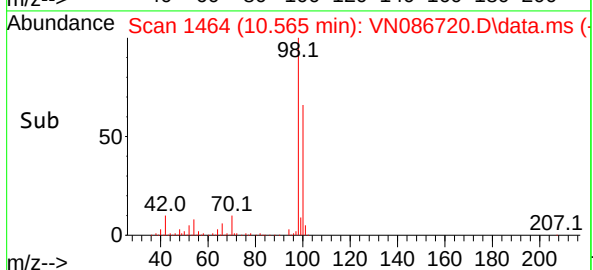
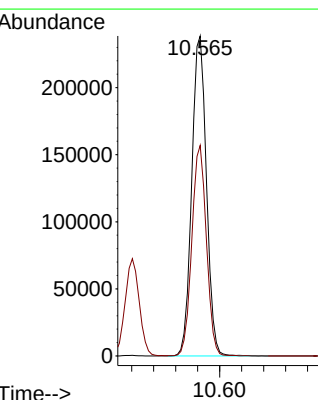
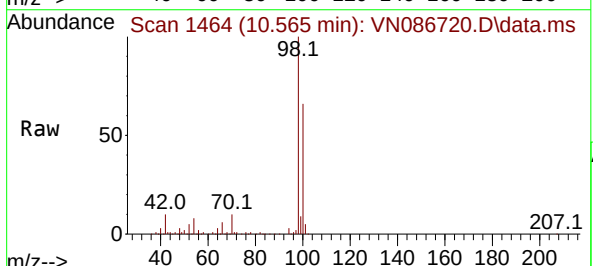
Acq: 20 May 2025 16:03

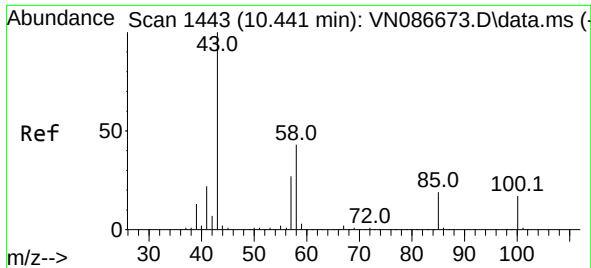
Tgt Ion: 98 Resp: 441340

Ion Ratio Lower Upper

98 100

100 65.4 52.9 79.3





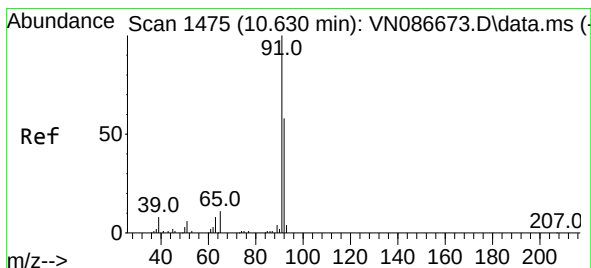
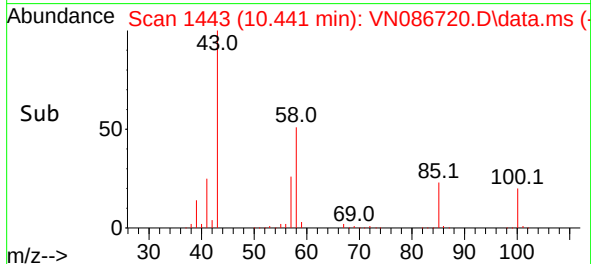
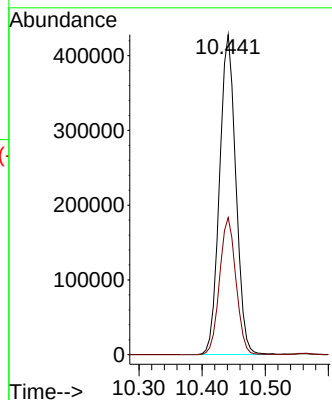
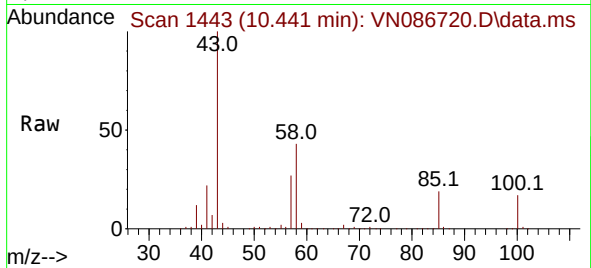
#51
4-Methyl-2-Pentanone
Concen: 243.529 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 766598
Ion Ratio Lower Upper
43 100
58 42.9 33.9 50.9

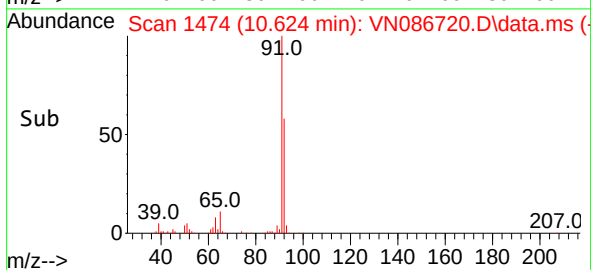
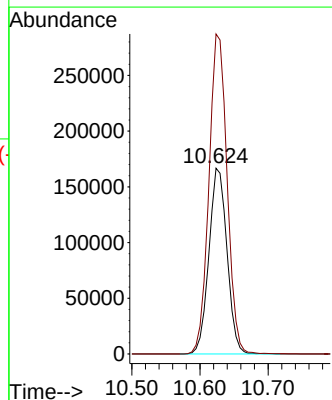
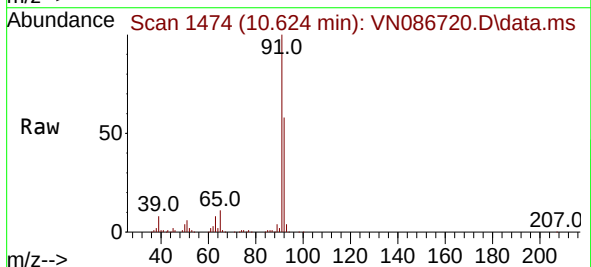
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APPROVED

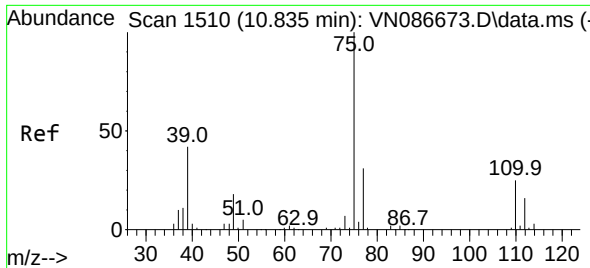
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 49.248 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Tgt Ion: 92 Resp: 307792
Ion Ratio Lower Upper
92 100
91 173.2 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 50.220 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

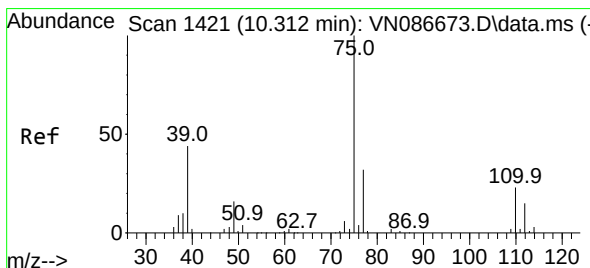
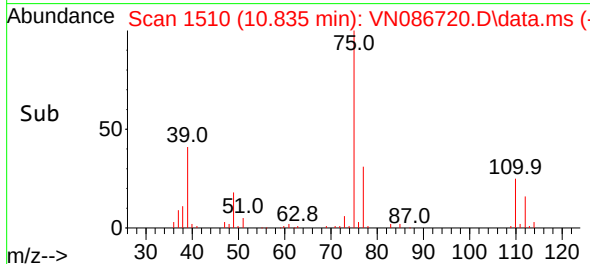
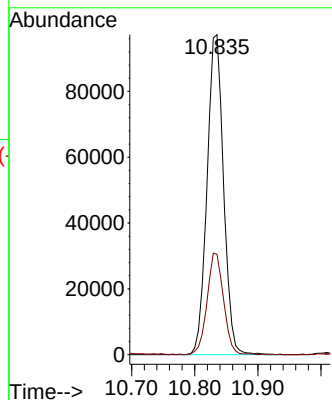
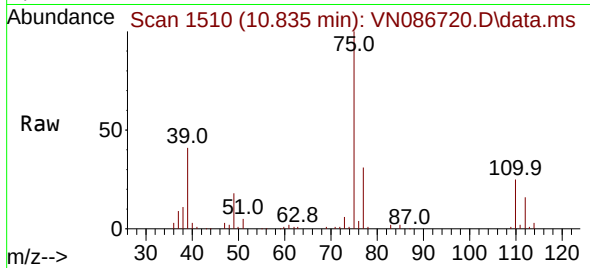
VSTDCCC050EC

Tgt Ion: 75 Resp: 176588
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8

Manual Integrations

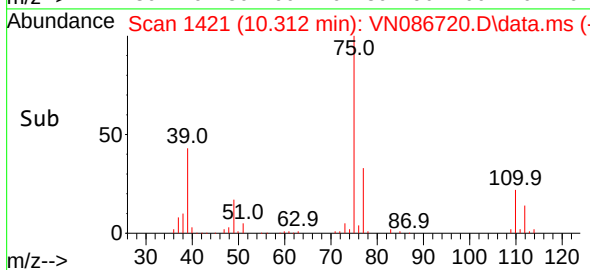
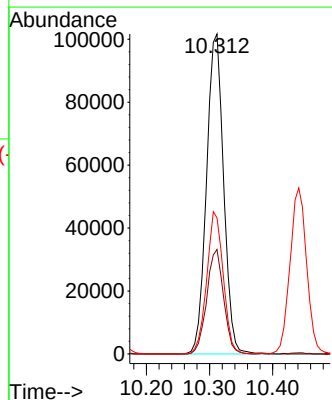
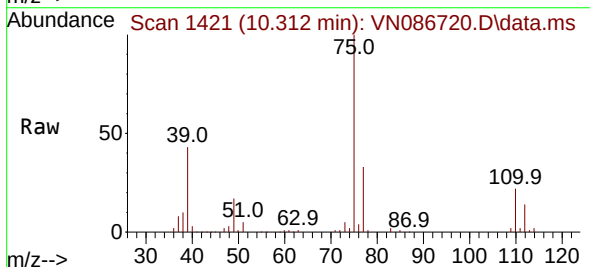
APPROVED

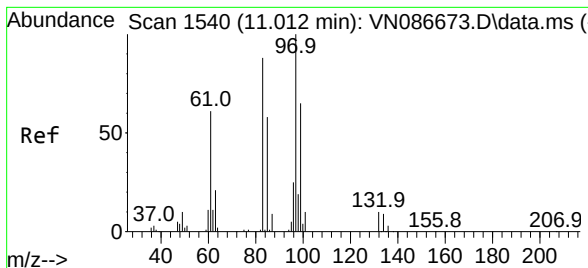
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#54
cis-1,3-Dichloropropene
Concen: 49.716 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

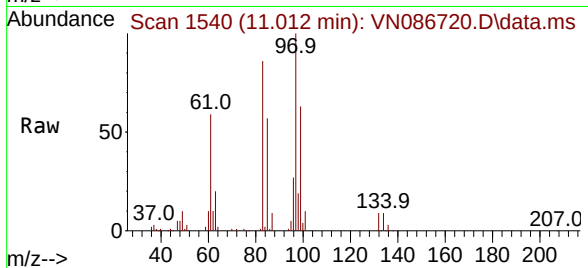
Tgt Ion: 75 Resp: 190835
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
39 42.6 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 48.112 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

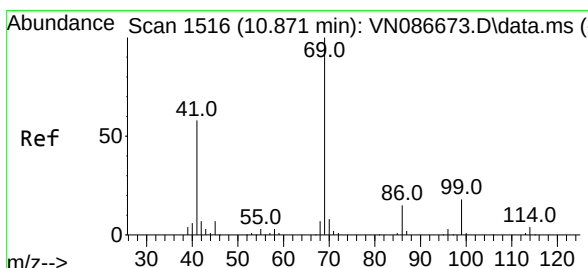
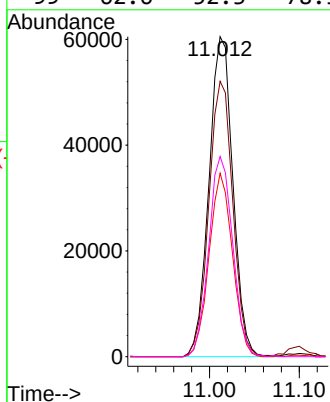
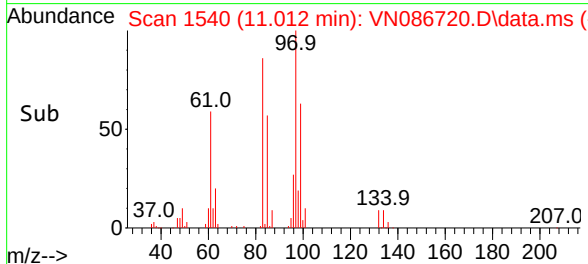
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



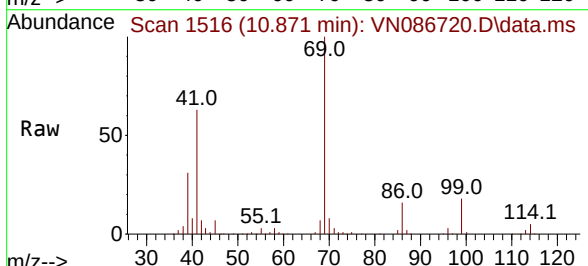
Tgt Ion:	97	Resp:	11216
Ion Ratio	100	Lower	Upper
97	100		
83	86.1	70.4	105.6
85	57.4	46.1	69.1
99	62.6	52.3	78.5

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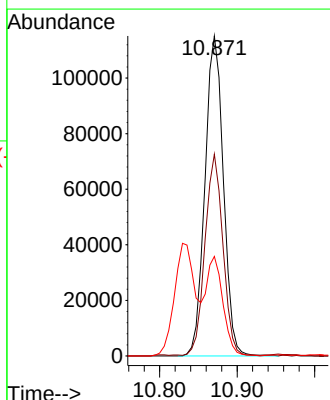
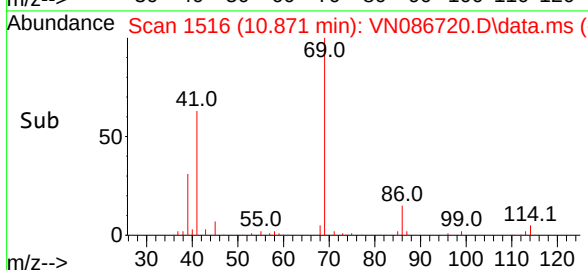
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

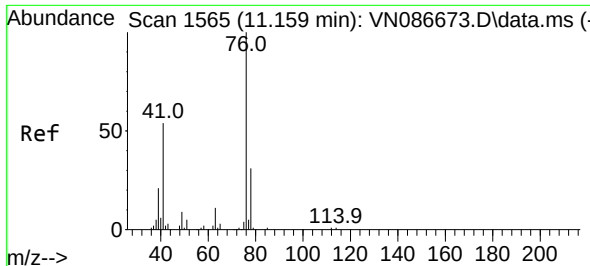


#56
Ethyl methacrylate
Concen: 50.953 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion:	69	Resp:	190727
Ion Ratio	100	Lower	Upper
69	100		
41	60.8	47.4	71.0
39	28.4	24.0	36.0





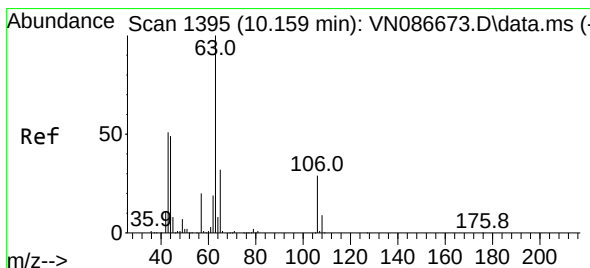
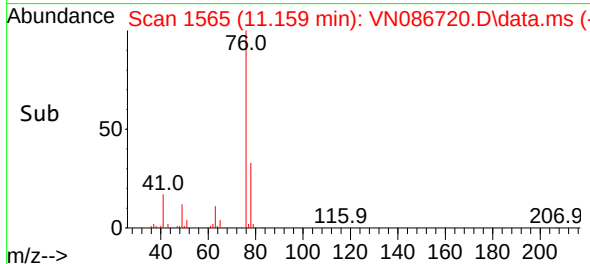
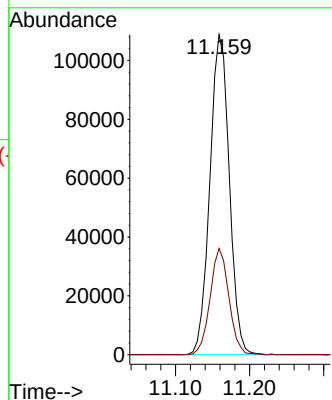
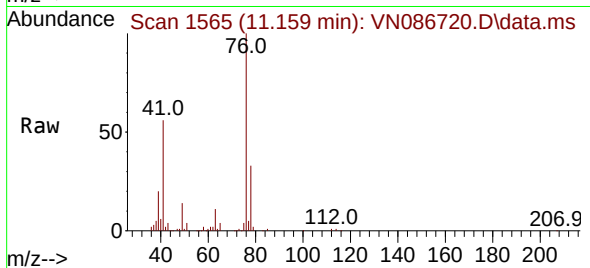
#57
1,3-Dichloropropane
Concen: 49.297 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 197990
Ion Ratio Lower Upper
76 100
78 32.0 25.8 38.8

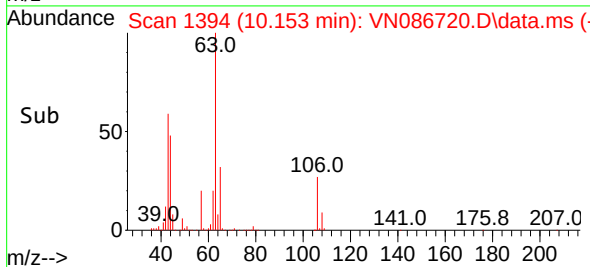
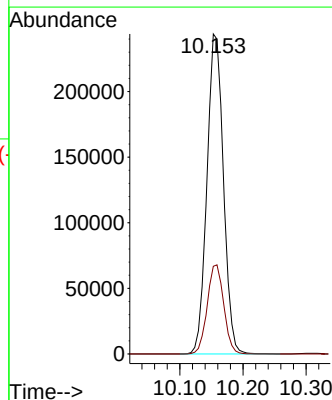
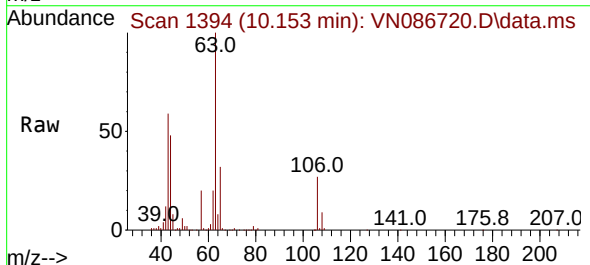
Manual Integrations
APPROVED

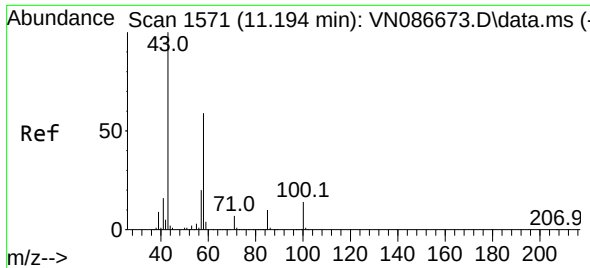
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 264.166 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

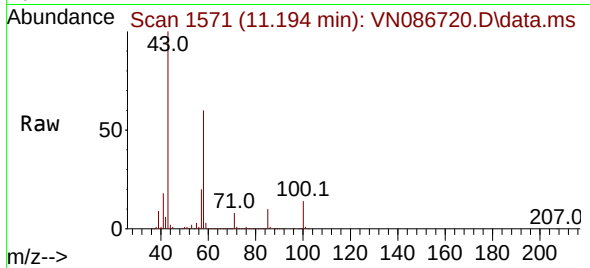
Tgt Ion: 63 Resp: 441937
Ion Ratio Lower Upper
63 100
106 27.9 23.1 34.7





#59
2-Hexanone
Concen: 245.509 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

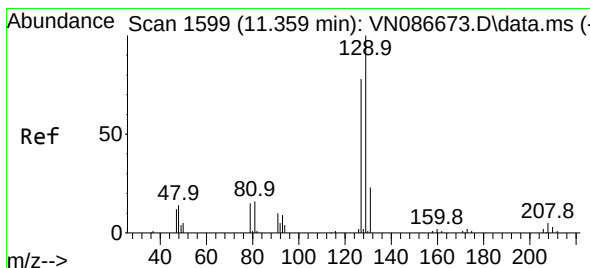
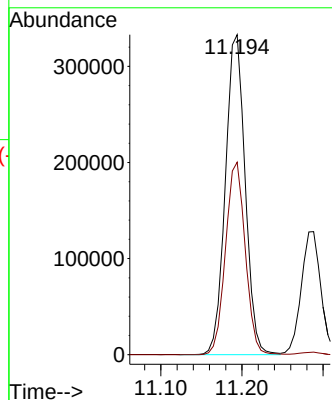
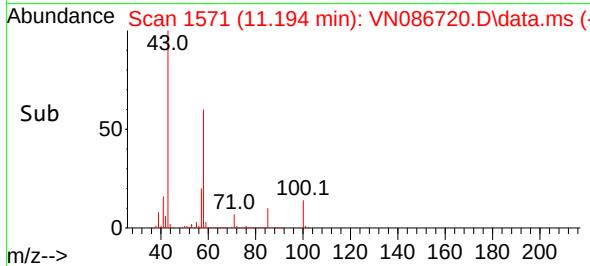
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



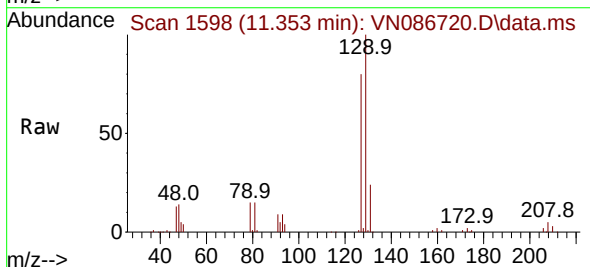
Tgt Ion: 43 Resp: 56436
Ion Ratio Lower Upper
43 100
58 59.9 29.8 89.5

Manual Integrations
APPROVED

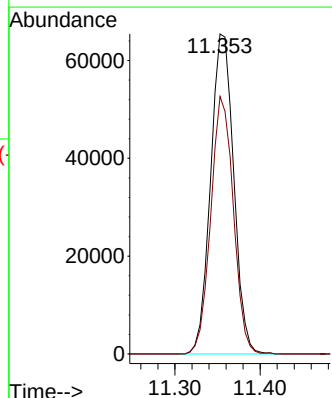
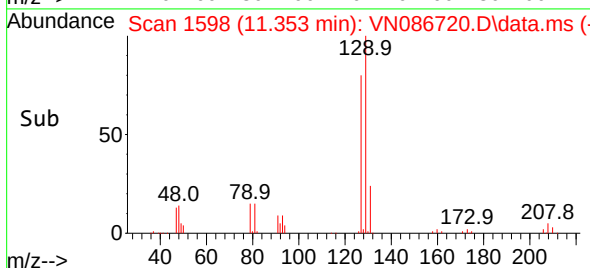
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

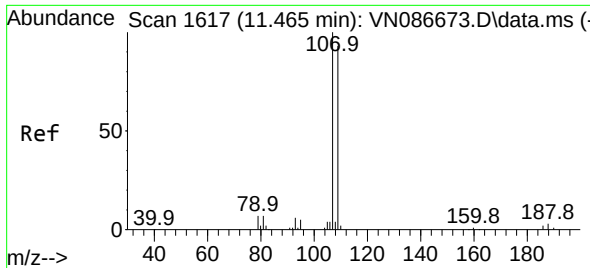


#60
Dibromochloromethane
Concen: 50.386 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



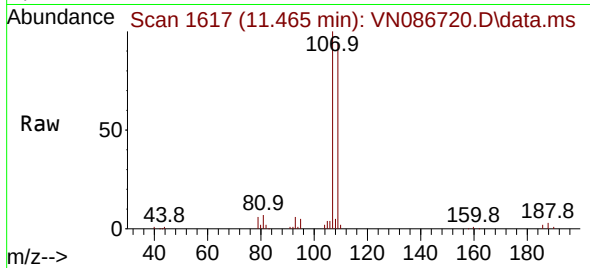
Tgt Ion:129 Resp: 123108
Ion Ratio Lower Upper
129 100
127 78.7 39.5 118.3





#61
1,2-Dibromoethane
Concen: 48.614 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

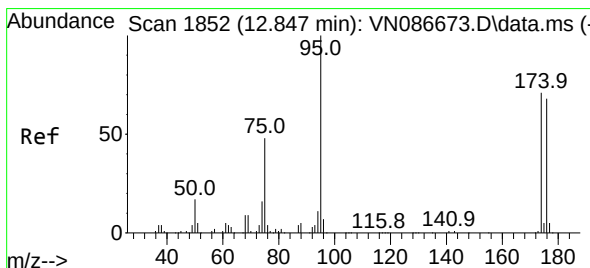
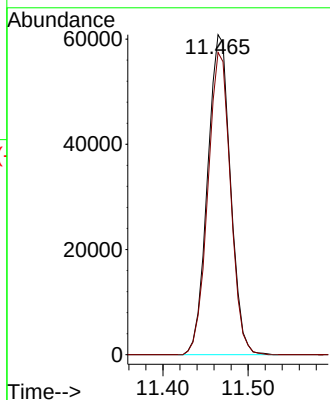
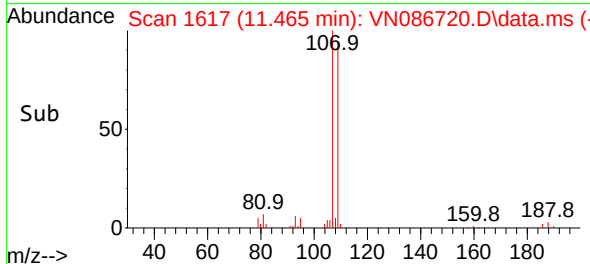
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



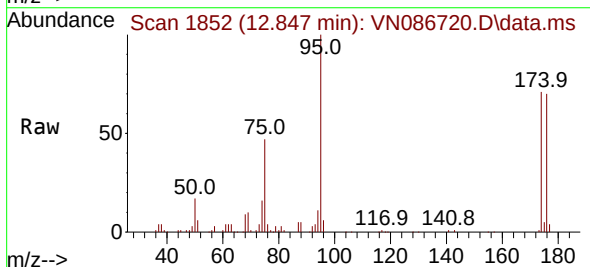
Tgt Ion:107 Resp: 113892
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.4

Manual Integrations
APPROVED

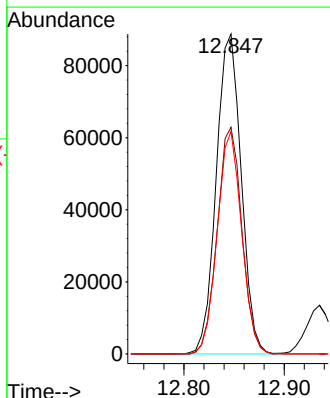
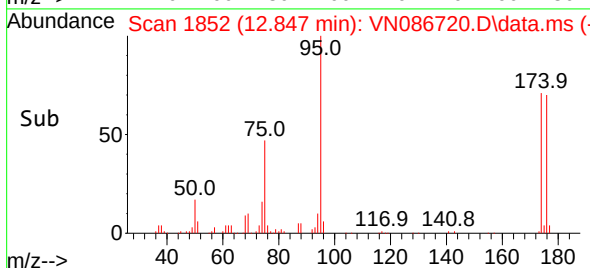
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

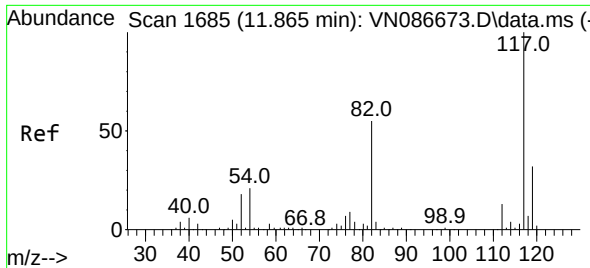


#62
4-Bromofluorobenzene
Concen: 50.186 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



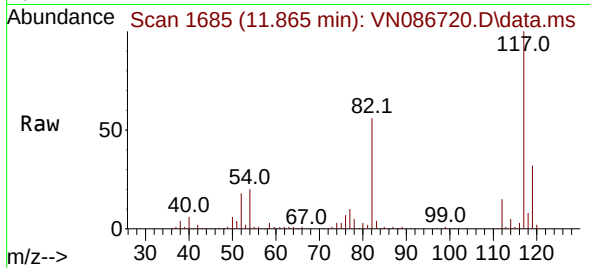
Tgt Ion: 95 Resp: 153460
Ion Ratio Lower Upper
95 100
174 69.9 0.0 145.4
176 68.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

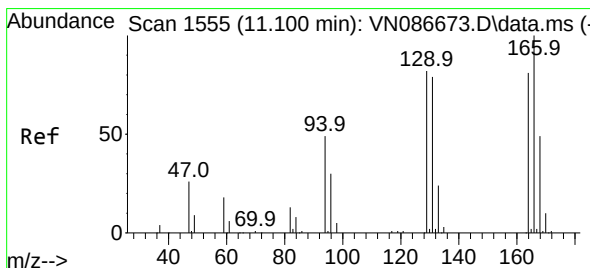
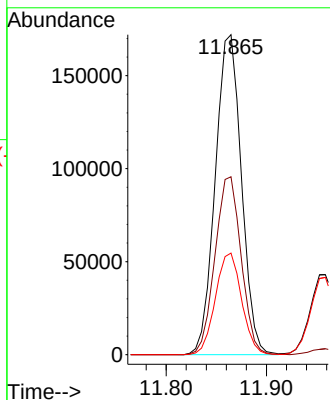
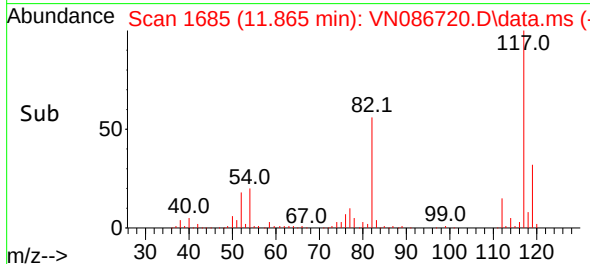
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



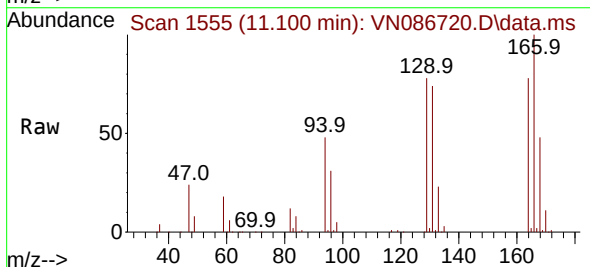
Tgt Ion:117 Resp: 311598
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.7 25.4 38.2

Manual Integrations
APPROVED

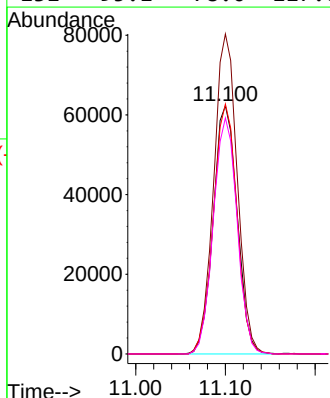
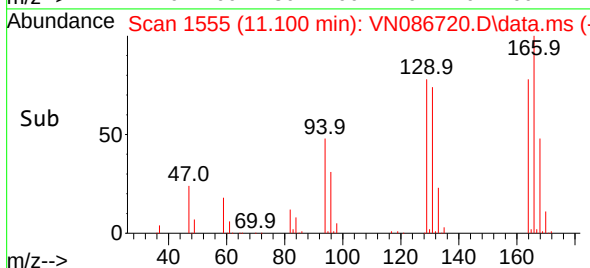
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

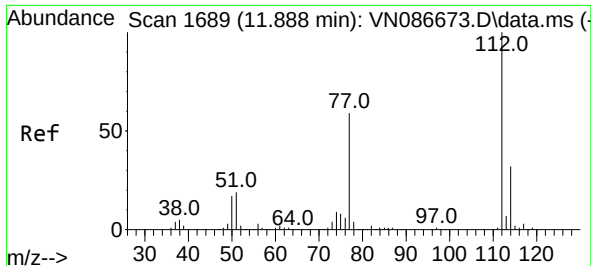


#64
Tetrachloroethene
Concen: 48.361 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



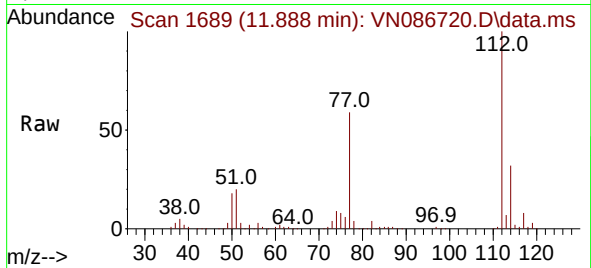
Tgt Ion:164 Resp: 115438
Ion Ratio Lower Upper
164 100
166 128.9 98.2 147.4
129 100.7 81.0 121.4
131 95.1 78.0 117.0





#65
Chlorobenzene
Concen: 48.576 ug/l
RT: 11.888 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

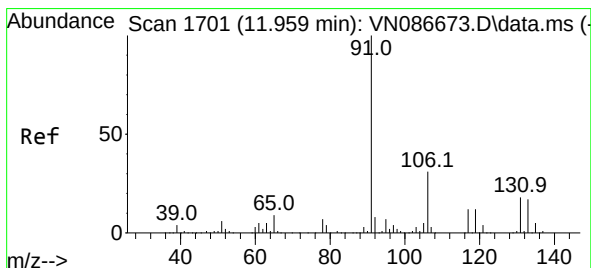
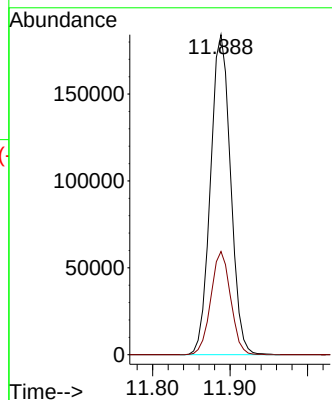
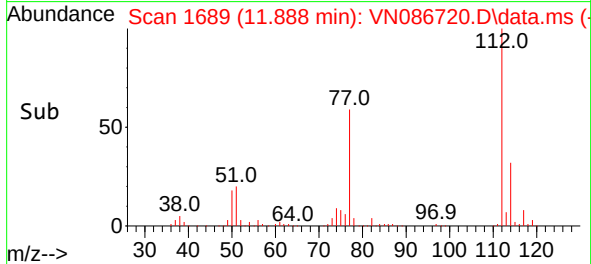
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 331908
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9

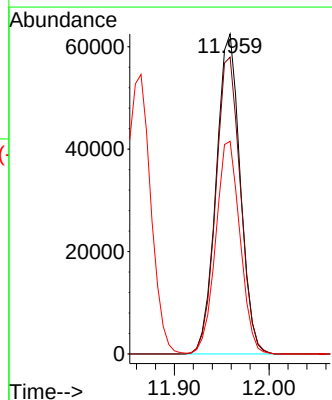
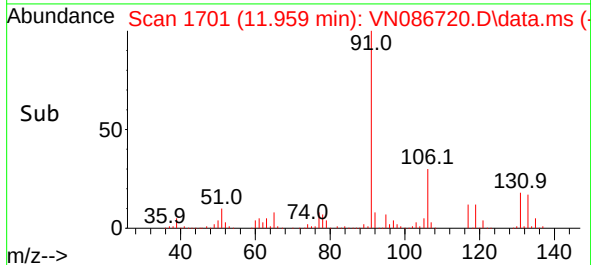
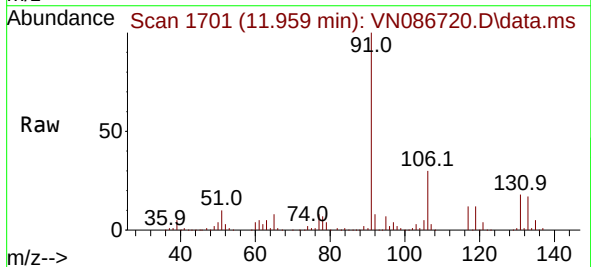
Manual Integrations
APPROVED

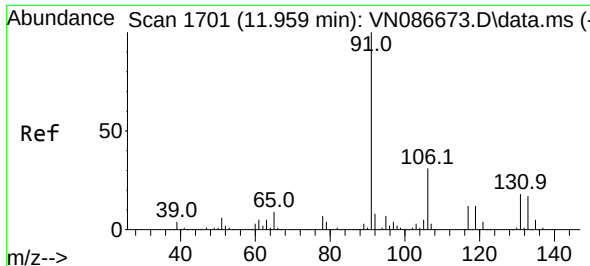
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.045 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

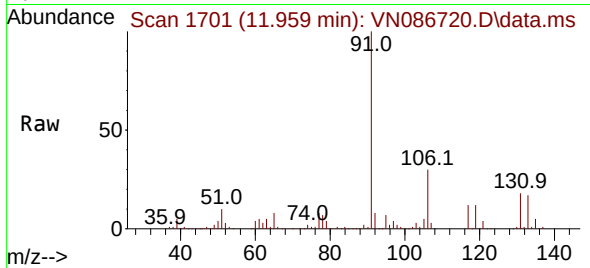
Tgt Ion:131 Resp: 110390
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 67.3 33.6 100.8





#67
Ethyl Benzene
Concen: 49.582 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

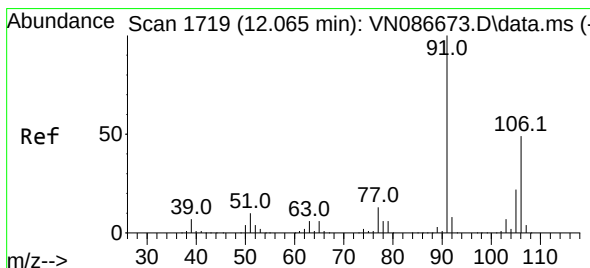
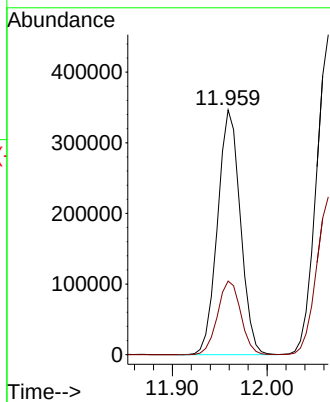
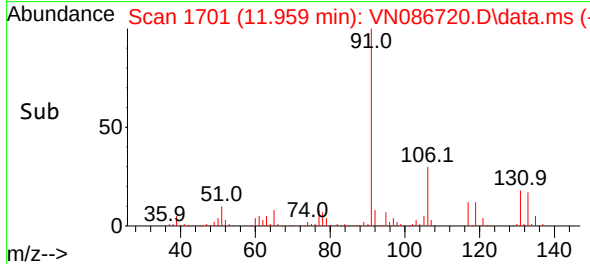
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



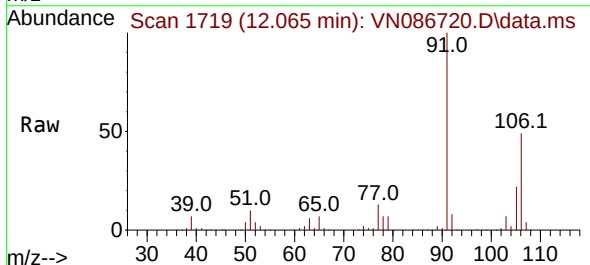
Tgt Ion: 91 Resp: 580279
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8

Manual Integrations
APPROVED

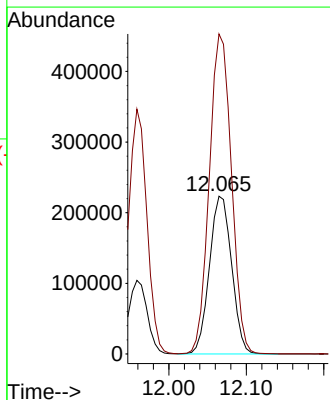
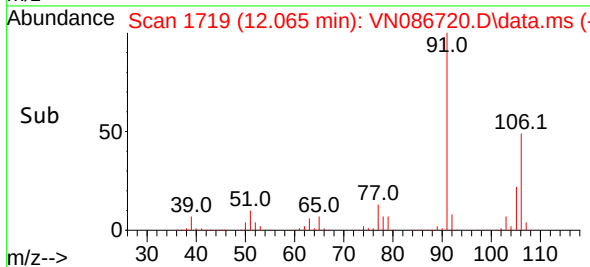
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

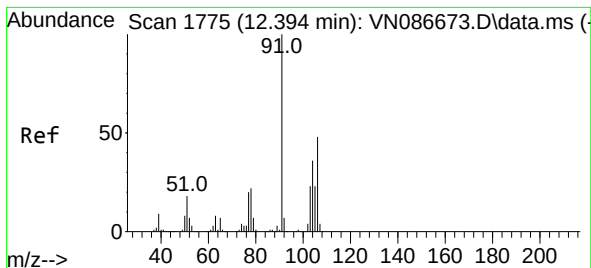


#68
m/p-Xylenes
Concen: 100.096 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion:106 Resp: 443708
Ion Ratio Lower Upper
106 100
91 202.8 162.4 243.6





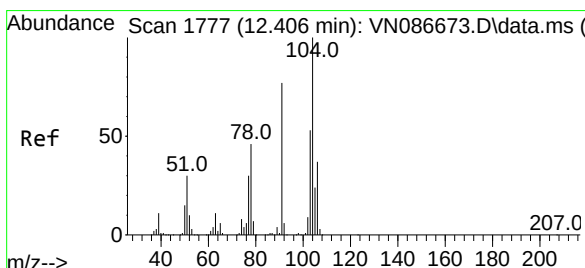
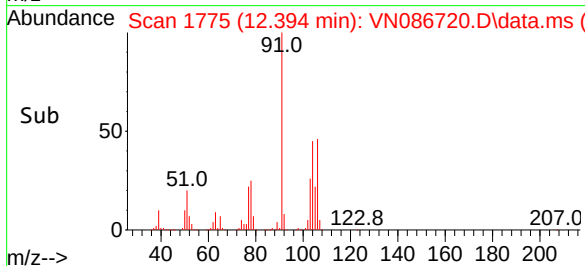
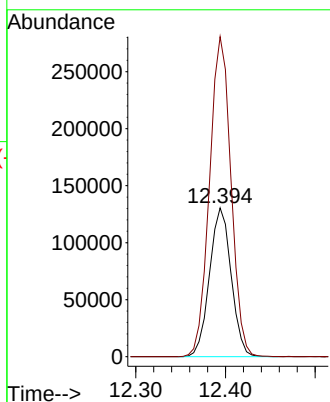
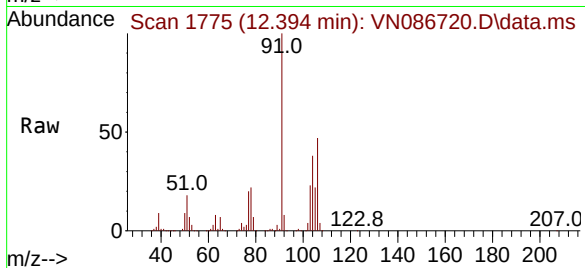
#69
o-Xylene
Concen: 49.540 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 21832
Ion Ratio Lower Upper
106 100
91 213.9 105.1 315.1

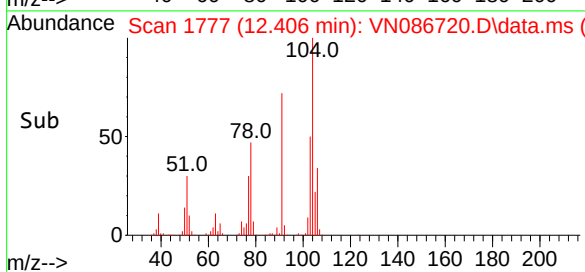
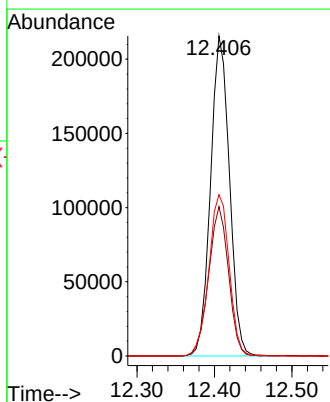
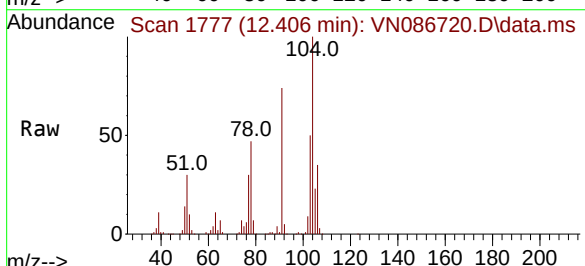
Manual Integrations
APPROVED

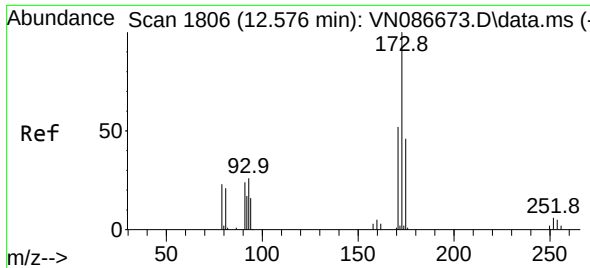
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
Styrene
Concen: 50.841 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Tgt Ion:104 Resp: 366832
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.1 43.8 65.8





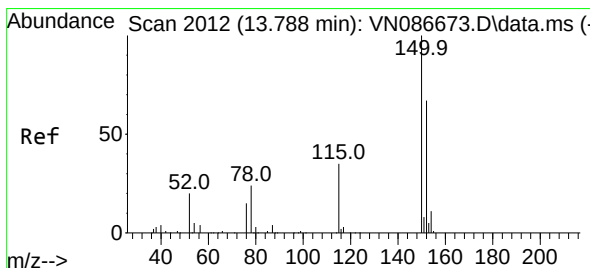
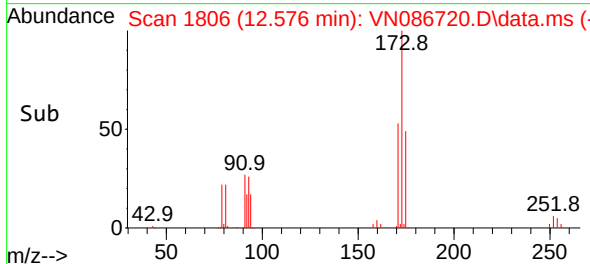
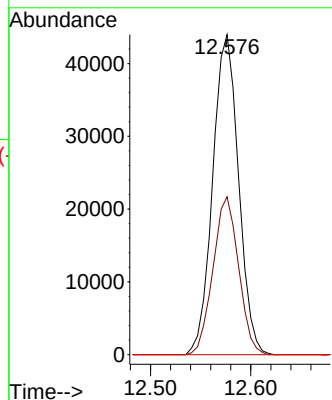
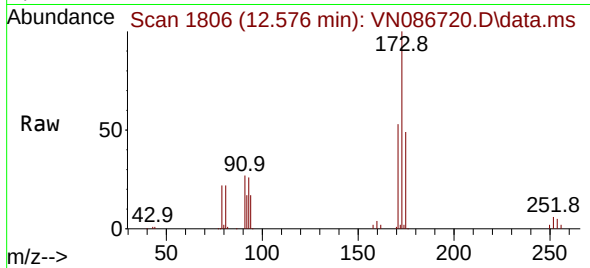
#71
Bromoform
Concen: 50.072 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 78549
Ion Ratio Lower Upper
173 100
175 48.8 23.4 70.2
254 0.0 0.0 0.0

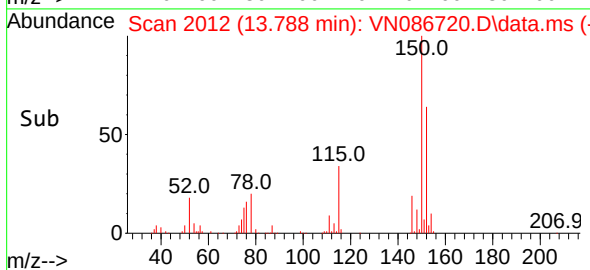
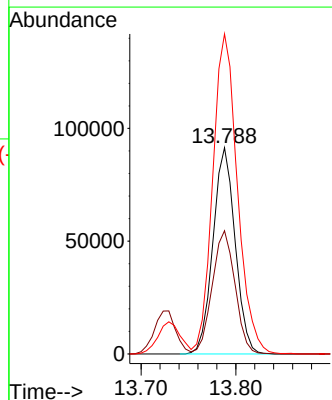
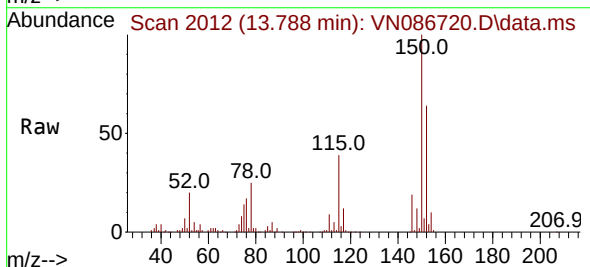
Manual Integrations
APPROVED

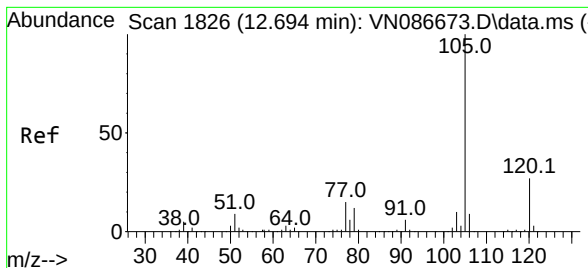
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Tgt Ion:152 Resp: 149036
Ion Ratio Lower Upper
152 100
115 61.4 30.0 90.1
150 172.4 0.0 347.8





#73

Isopropylbenzene

Concen: 45.500 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 523738

Ion Ratio Lower Upper

105 100

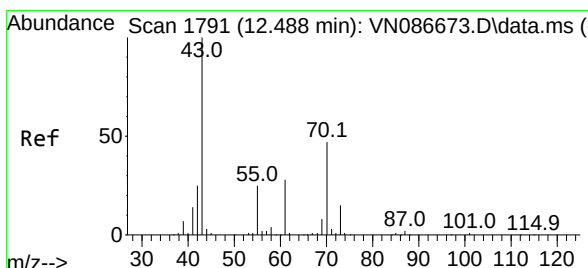
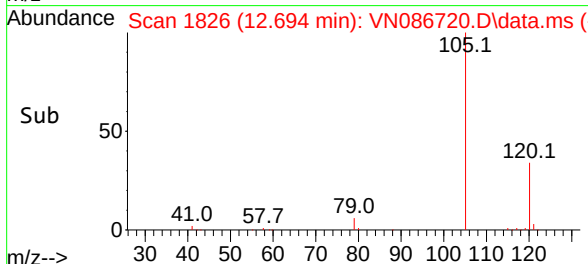
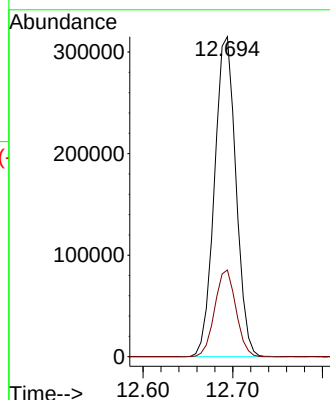
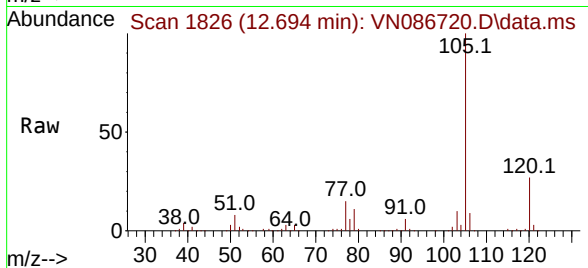
120 26.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#74

N-ethyl acetate

Concen: 46.875 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086720.D

Acq: 20 May 2025 16:03

Tgt Ion: 43 Resp: 225434

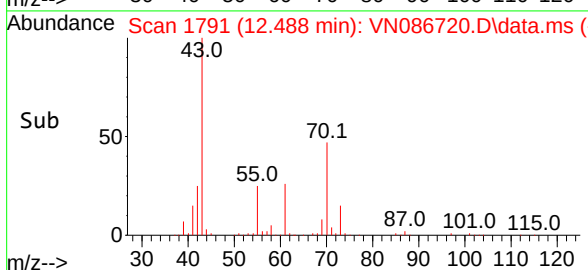
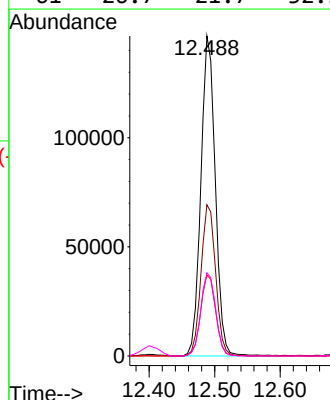
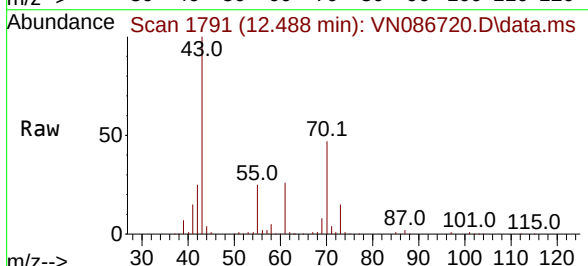
Ion Ratio Lower Upper

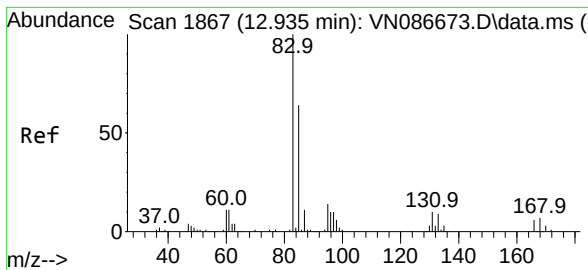
43 100

70 47.8 37.9 56.9

55 26.1 20.5 30.7

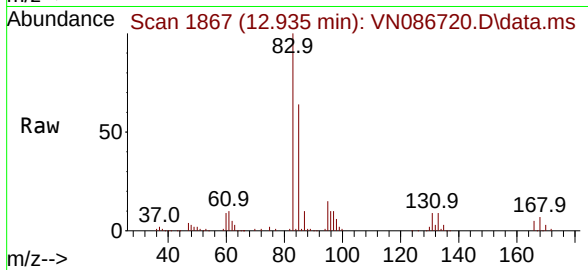
61 26.7 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 43.913 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

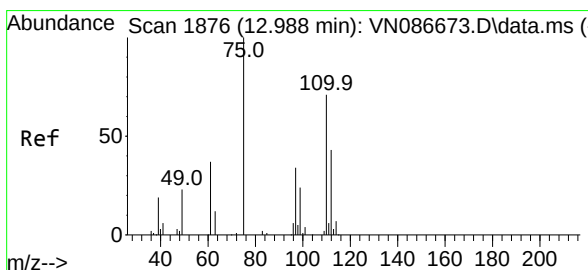
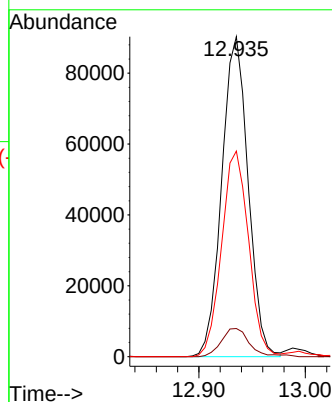
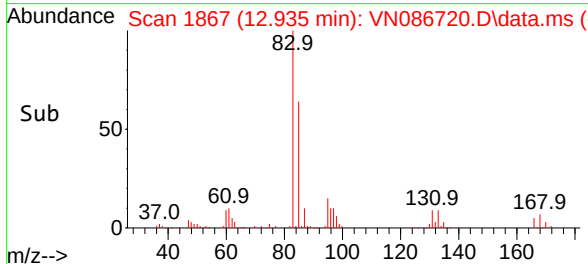
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



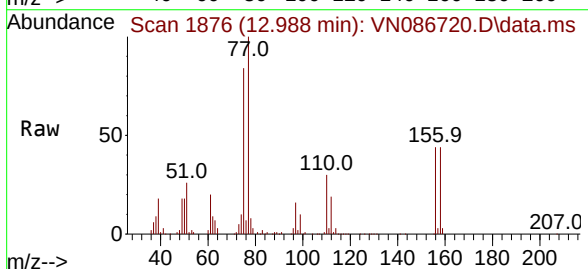
Tgt Ion: 83 Resp: 155289
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 65.5 32.4 97.2

Manual Integrations
APPROVED

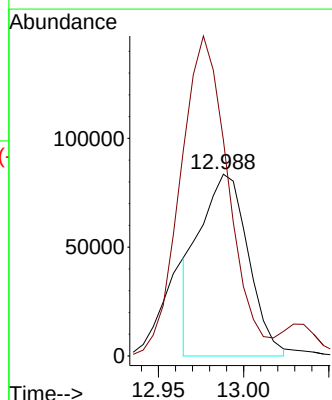
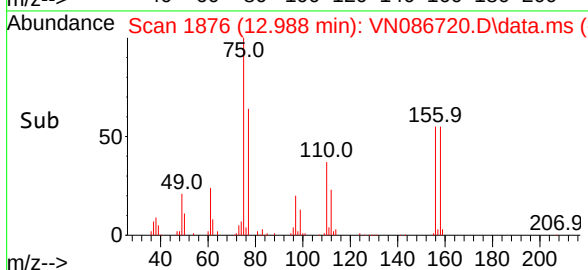
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

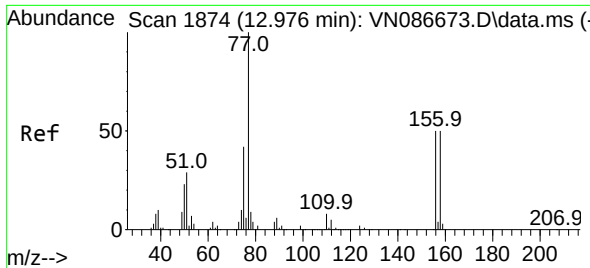


#76
1,2,3-Trichloropropane
Concen: 49.245 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



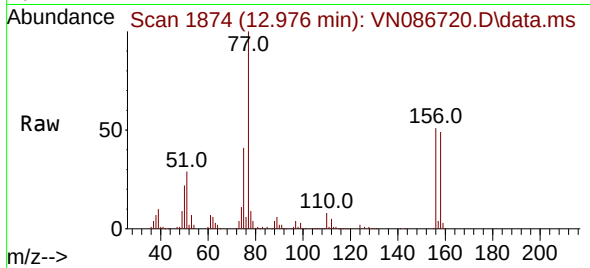
Tgt Ion: 75 Resp: 165983
Ion Ratio Lower Upper
75 100
77 174.5 96.0 288.1





#77
Bromobenzene
Concen: 43.514 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

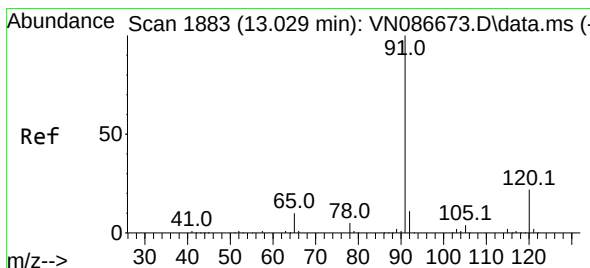
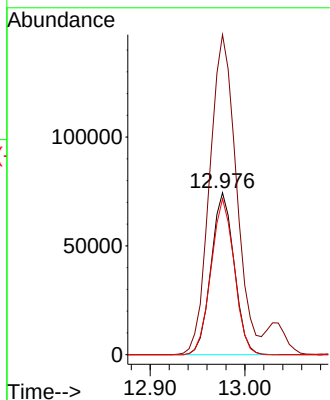
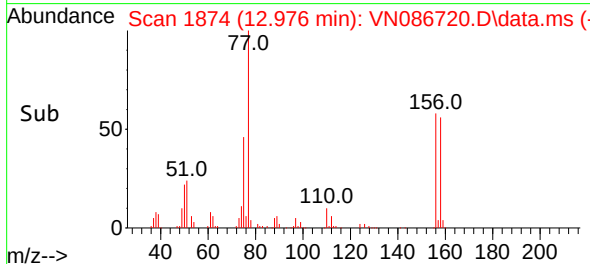
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



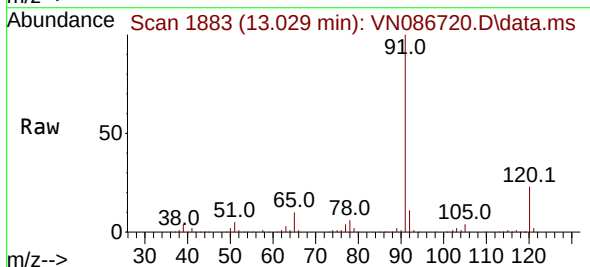
Tgt Ion: 156 Resp: 125994
Ion Ratio Lower Upper
156 100
77 229.8 113.1 339.2
158 96.5 48.6 145.9

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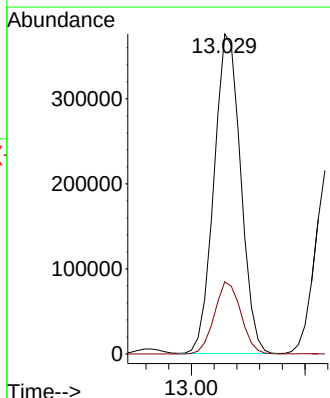
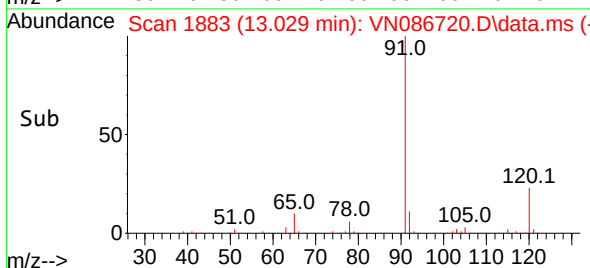
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

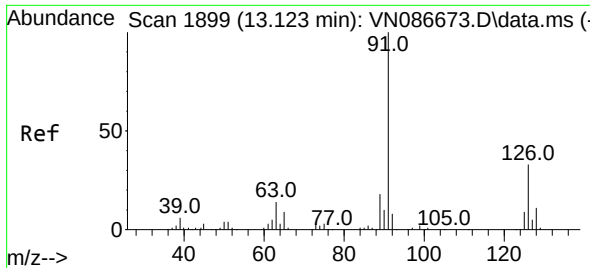


#78
n-propylbenzene
Concen: 46.467 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion: 91 Resp: 613812
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1





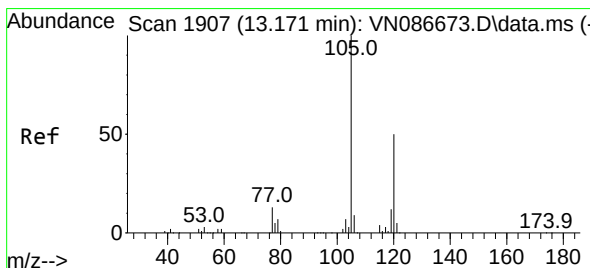
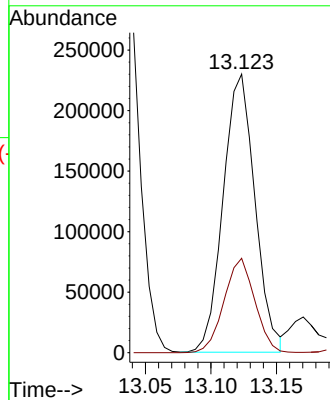
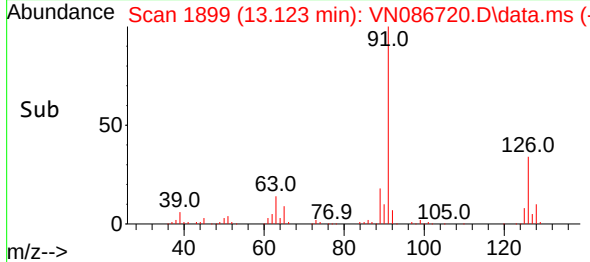
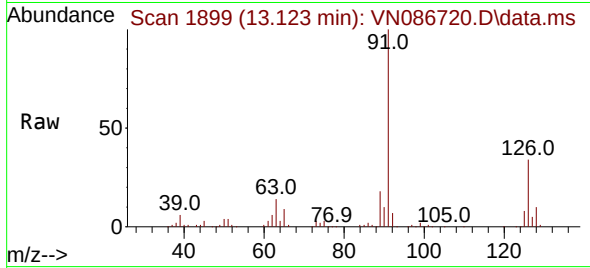
#79
2-Chlorotoluene
Concen: 45.221 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 38840
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7

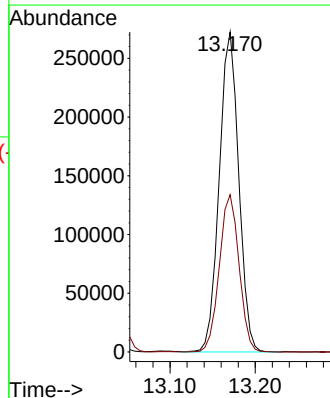
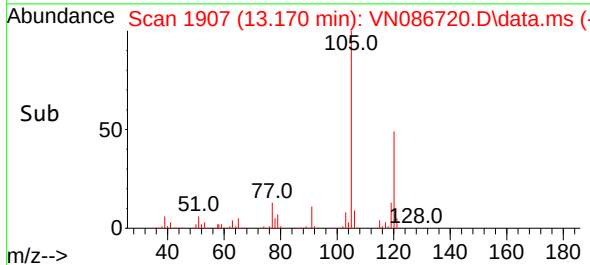
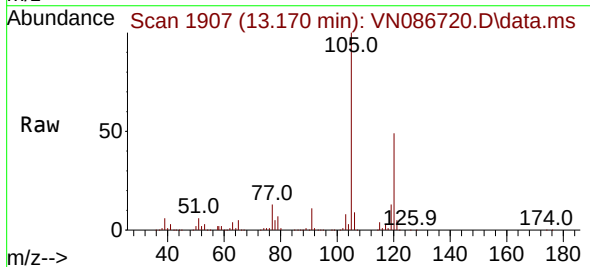
Manual Integrations
APPROVED

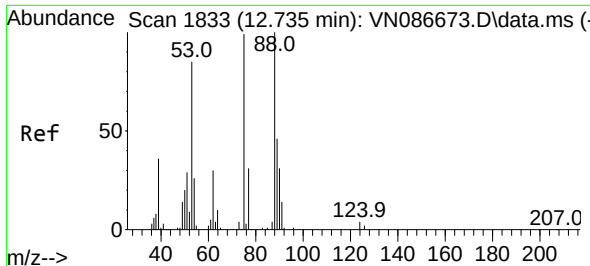
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 46.924 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

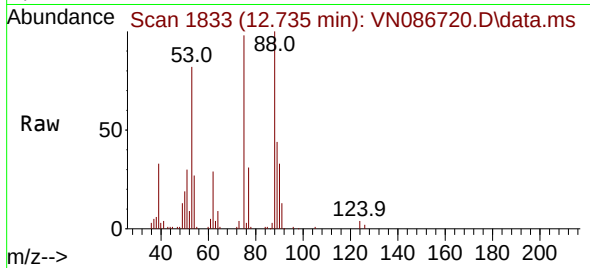
Tgt Ion:105 Resp: 432742
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 48.151 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

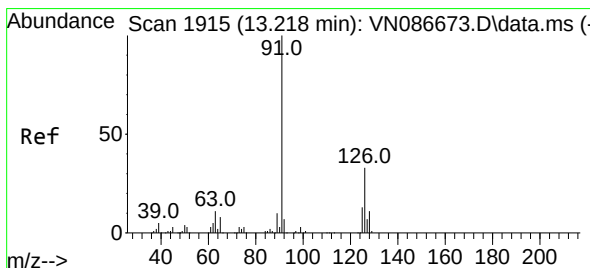
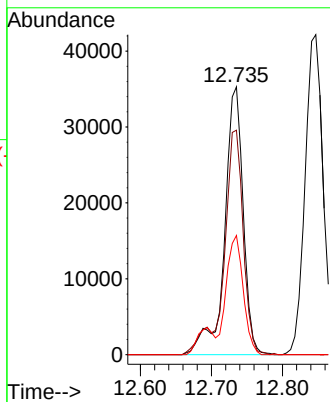
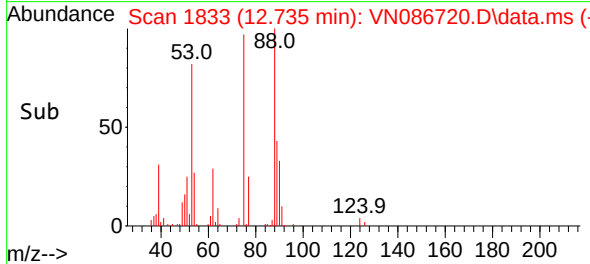
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 64310
Ion Ratio Lower Upper
75 100
53 86.9 70.4 105.6
89 40.7 32.4 48.6

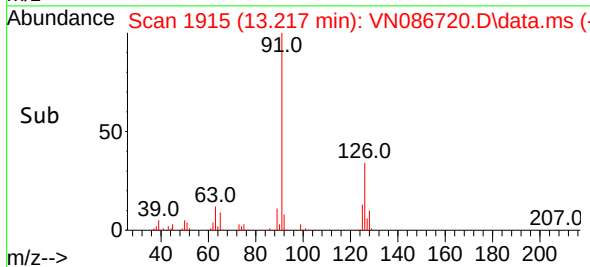
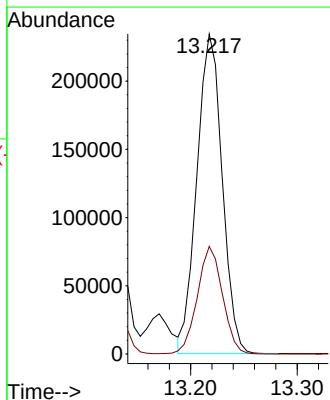
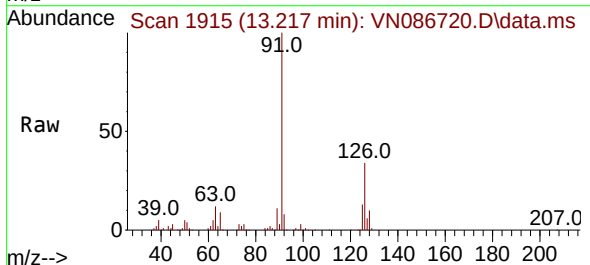
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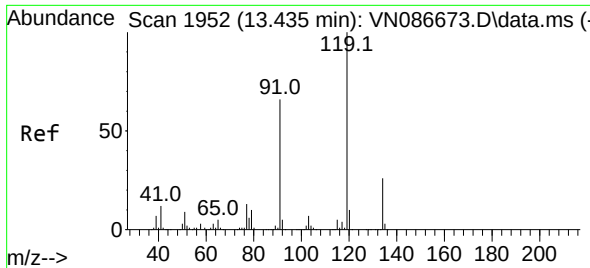
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#82
4-Chlorotoluene
Concen: 45.500 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

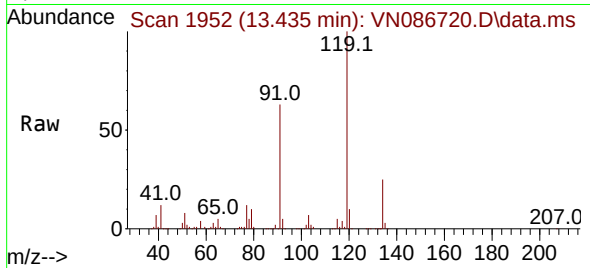
Tgt Ion: 91 Resp: 387177
Ion Ratio Lower Upper
91 100
126 33.4 17.0 50.9





#83
tert-Butylbenzene
Concen: 45.632 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

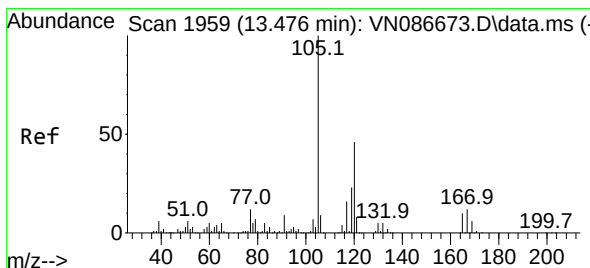
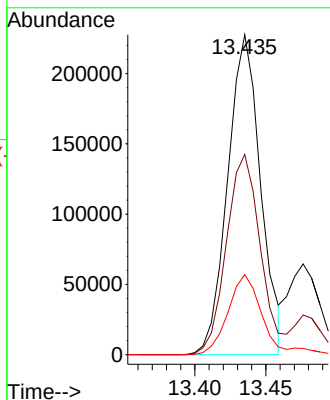
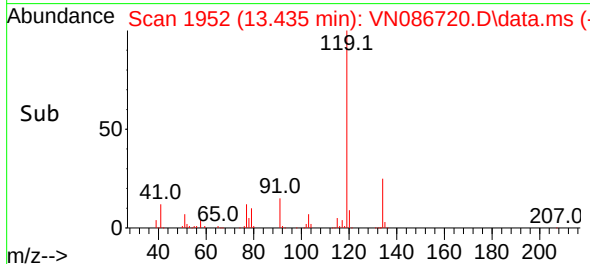
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



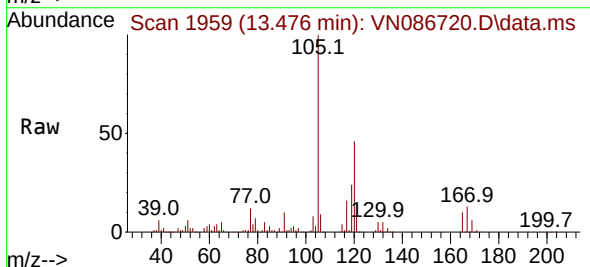
Tgt Ion:119 Resp: 366992
Ion Ratio Lower Upper
119 100
91 65.0 32.9 98.7
134 26.3 13.4 40.1

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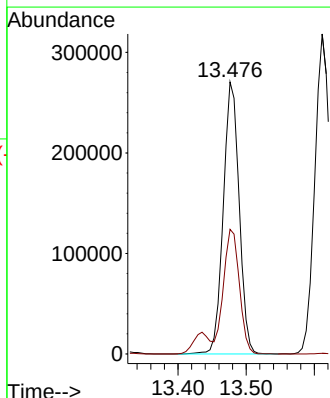
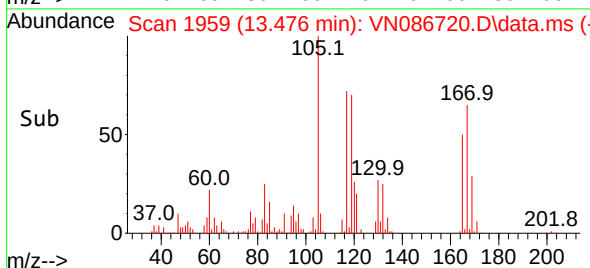
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

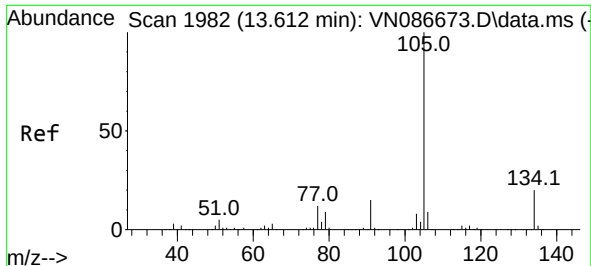


#84
1,2,4-Trimethylbenzene
Concen: 47.790 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion:105 Resp: 438878
Ion Ratio Lower Upper
105 100
120 45.6 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 47.121 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086720.D
 Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

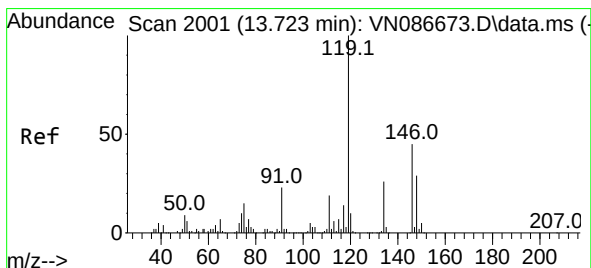
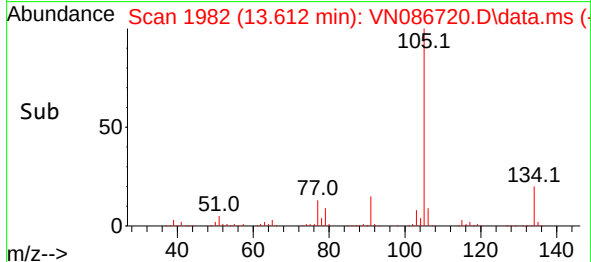
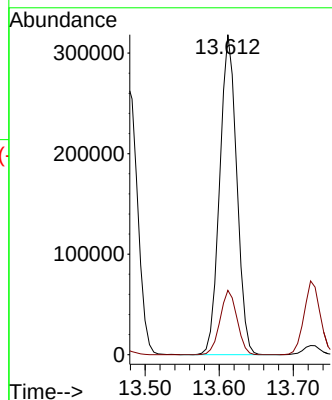
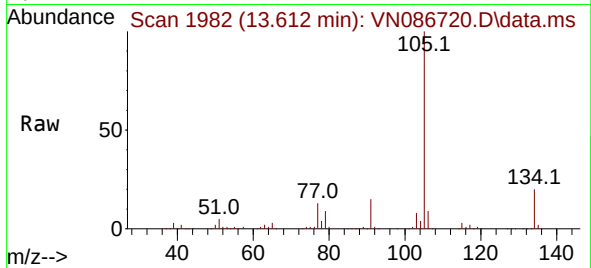
ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 50814
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

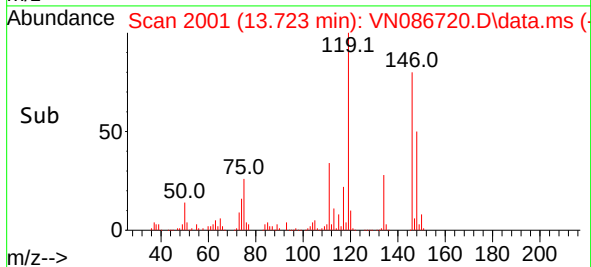
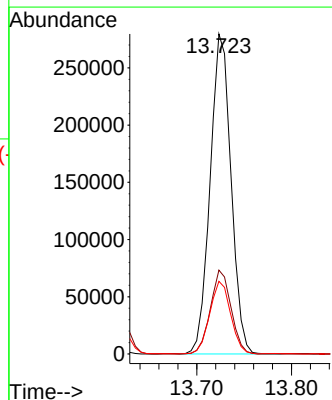
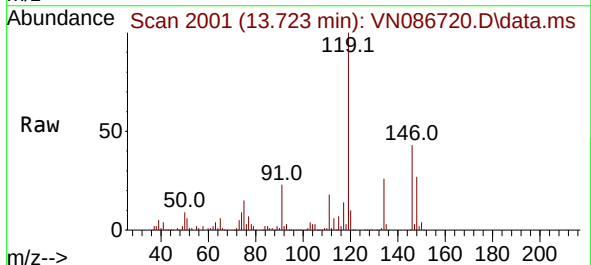
Manual Integrations
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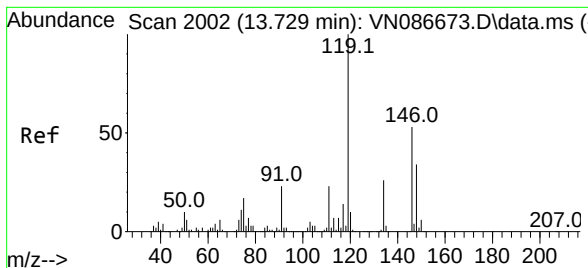
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#86
 p-Isopropyltoluene
 Concen: 48.458 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086720.D
 Acq: 20 May 2025 16:03

Tgt Ion:119 Resp: 428338
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 22.7 11.5 34.5





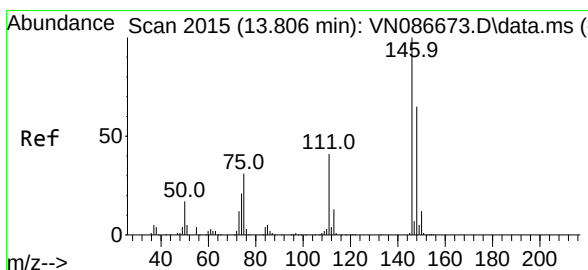
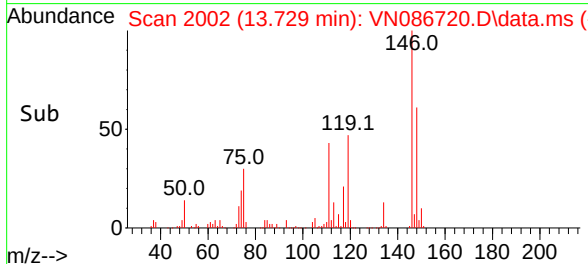
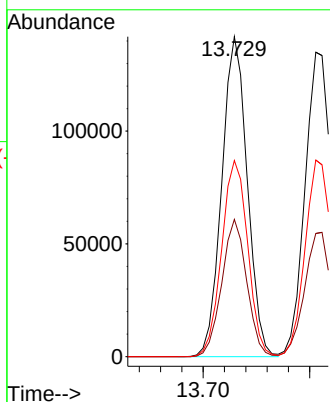
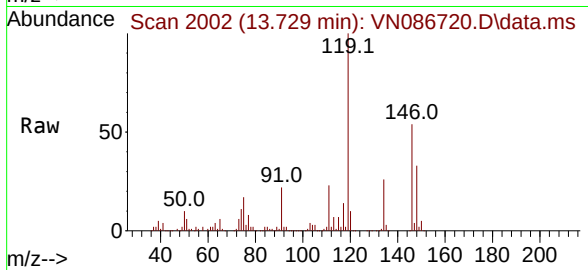
#87
1,3-Dichlorobenzene
Concen: 47.021 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 235762
Ion Ratio Lower Upper
146 100
111 42.1 20.9 62.7
148 62.7 31.8 95.4

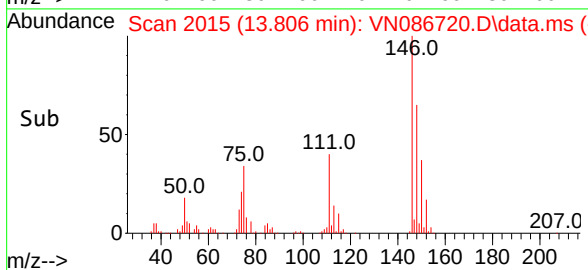
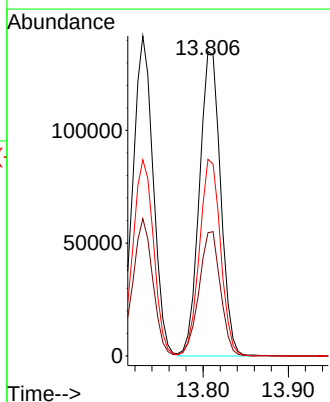
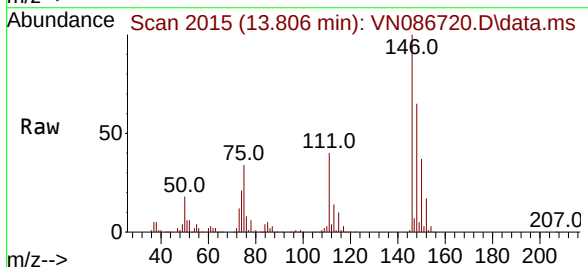
Manual Integrations
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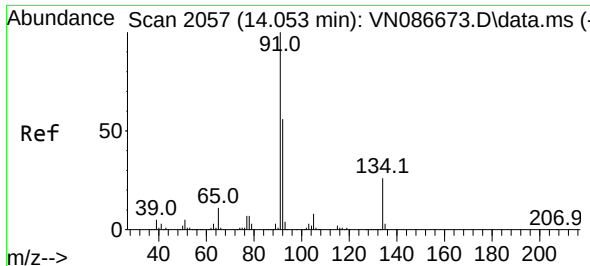
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#88
1,4-Dichlorobenzene
Concen: 47.049 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

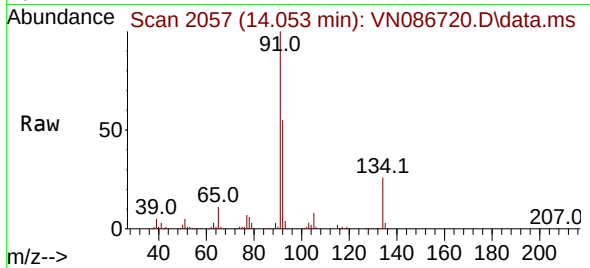
Tgt Ion:146 Resp: 233732
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 64.2 32.0 96.0





#89
n-Butylbenzene
Concen: 49.256 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

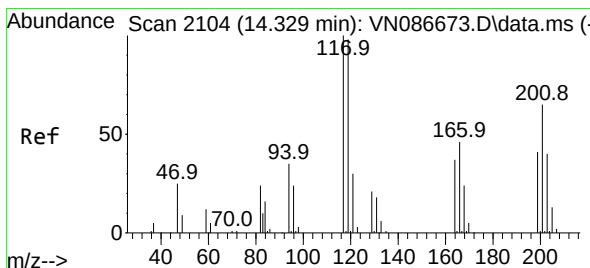
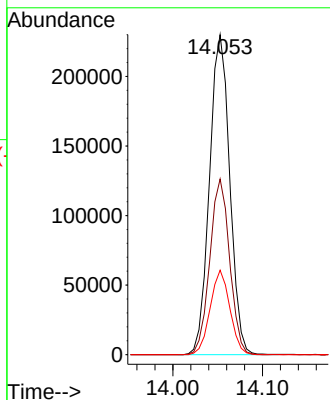
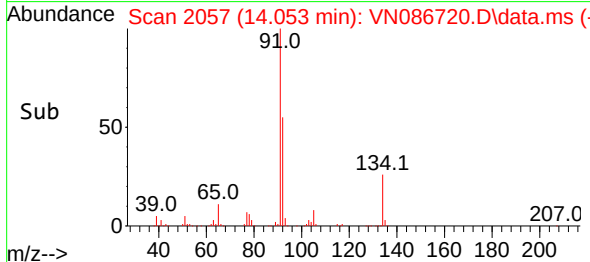
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 36094
Ion Ratio Lower Upper
91 100
92 53.7 27.4 82.0
134 25.6 12.8 38.4

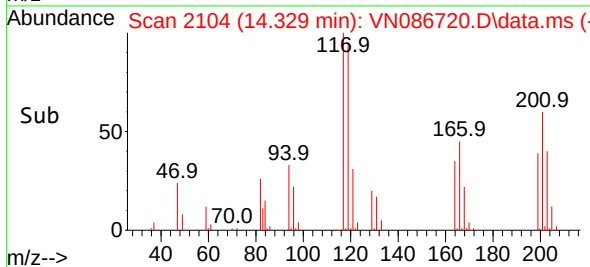
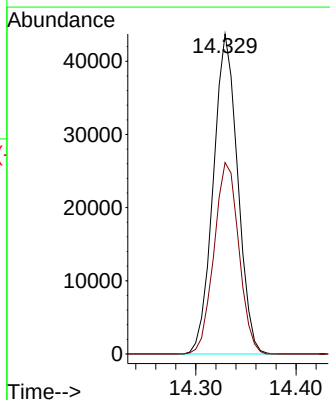
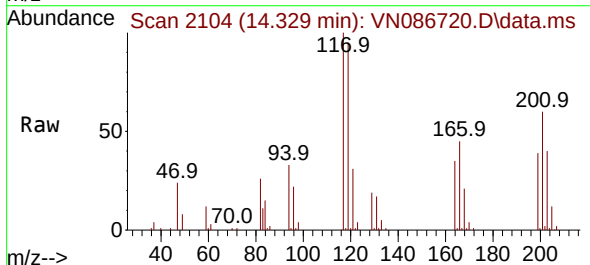
Manual Integrations
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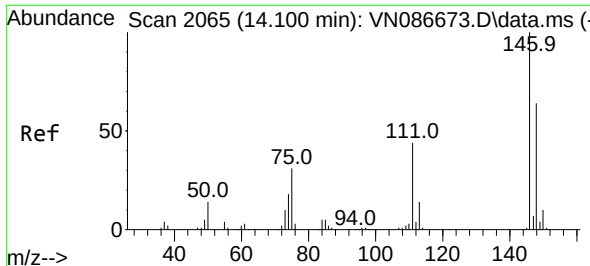
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#90
Hexachloroethane
Concen: 50.288 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

Tgt Ion:117 Resp: 73754
Ion Ratio Lower Upper
117 100
201 60.9 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 48.098 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN086720.D

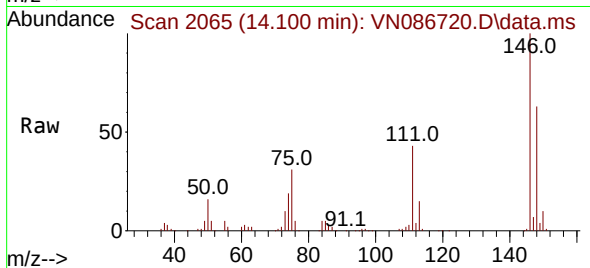
Acq: 20 May 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 229380

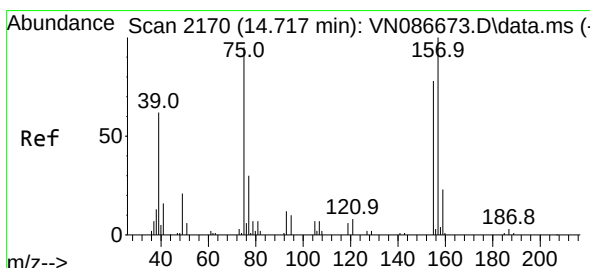
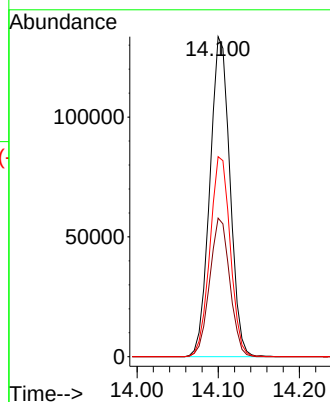
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.6	65.0
148	63.4	31.7	95.1

Manual Integrations

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Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.846 ug/l

RT: 14.717 min Scan# 2170

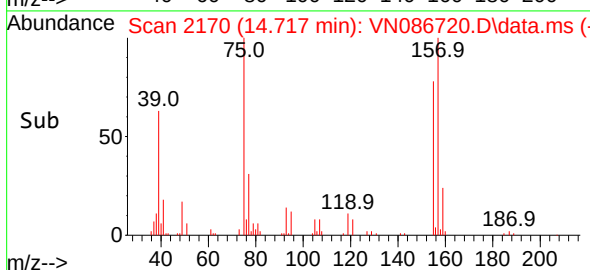
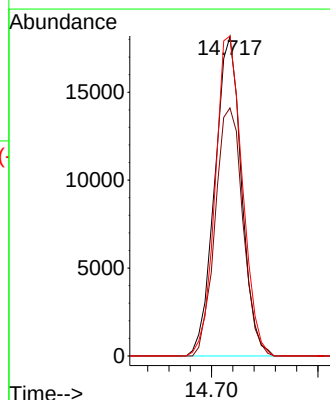
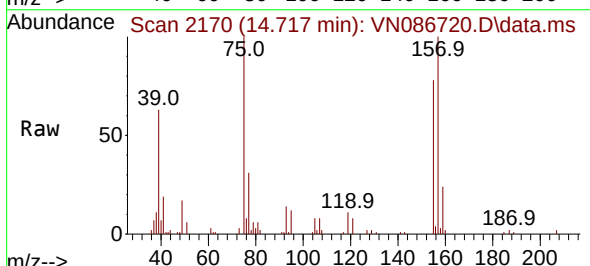
Delta R.T. -0.000 min

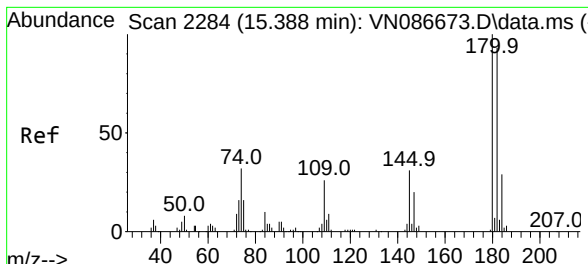
Lab File: VN086720.D

Acq: 20 May 2025 16:03

Tgt Ion: 75 Resp: 31544

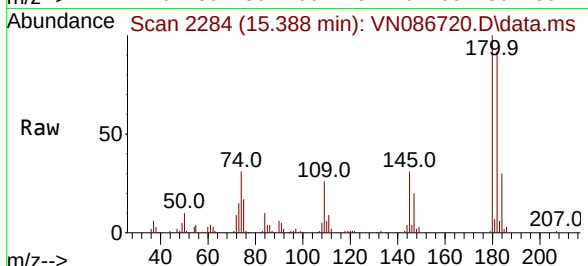
Ion	Ratio	Lower	Upper
75	100		
155	80.7	40.5	121.5
157	101.3	53.6	160.8





#93
 1,2,4-Trichlorobenzene
 Concen: 52.612 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086720.D
 Acq: 20 May 2025 16:03

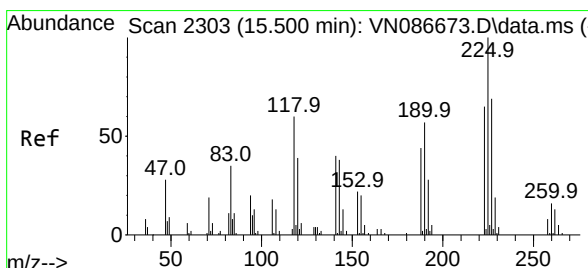
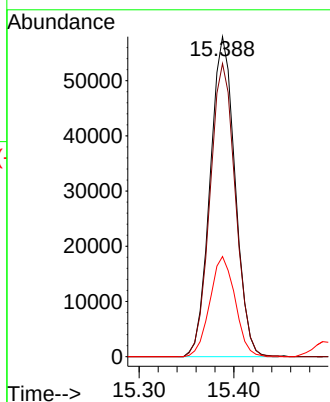
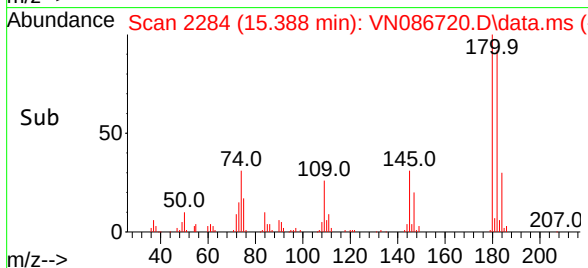
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



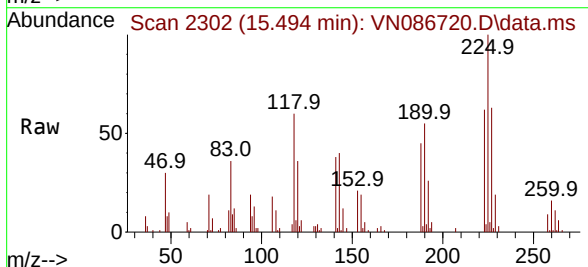
Tgt Ion:180 Resp: 105909
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.1 141.3
 145 31.7 15.6 46.8

Manual Integrations
 APPROVED

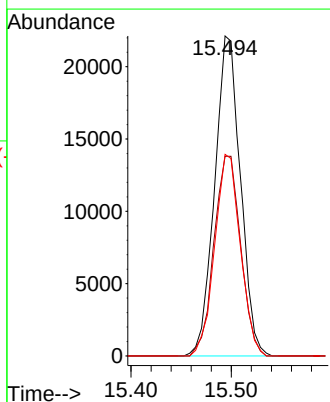
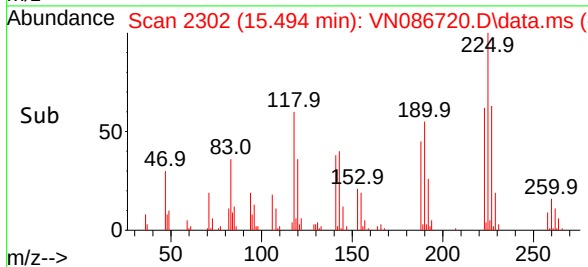
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

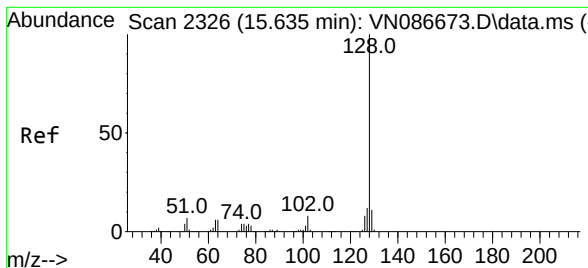


#94
 Hexachlorobutadiene
 Concen: 47.322 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086720.D
 Acq: 20 May 2025 16:03



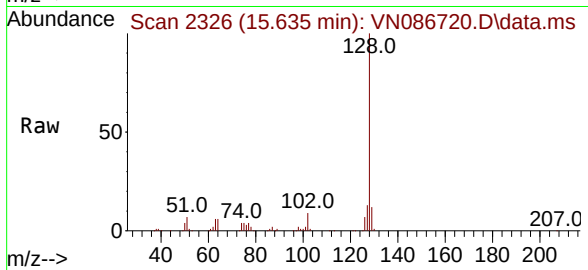
Tgt Ion:225 Resp: 39523
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.9 98.6
 227 62.6 32.4 97.2





#95
Naphthalene
Concen: 51.396 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03

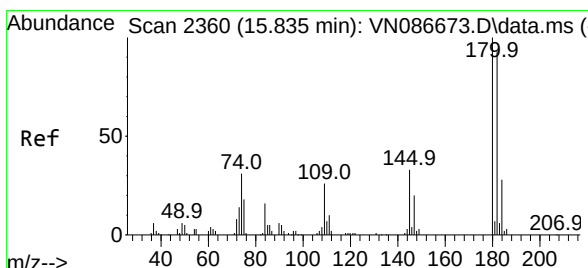
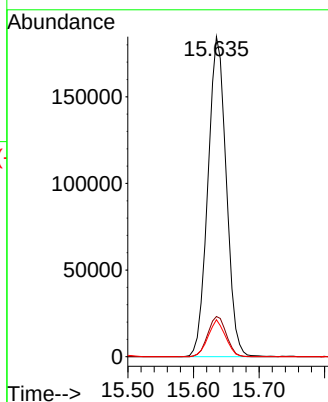
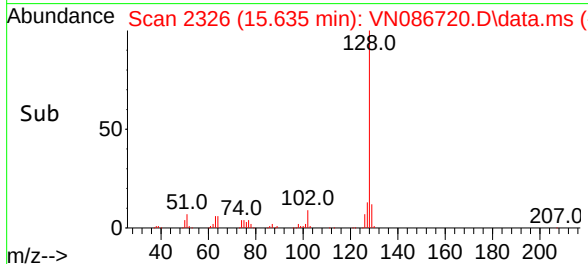
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



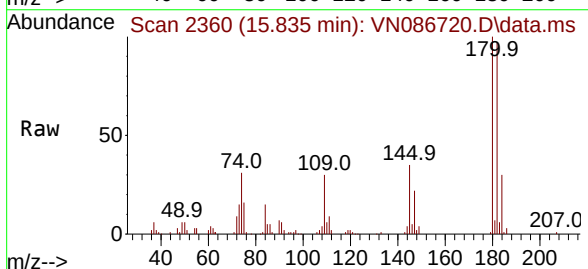
Tgt Ion:128 Resp: 359239
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.267 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086720.D
Acq: 20 May 2025 16:03



Tgt Ion:180 Resp: 99094
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.2
145 33.9 16.7 50.1

