

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032525\
 Data File : VN086090.D
 Acq On : 25 Mar 2025 10:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 26 03:12:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	231359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	157468	49.704	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.400%		
35) Dibromofluoromethane	8.165	113	134729	51.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.600%		
50) Toluene-d8	10.565	98	507830	53.276	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.560%		
62) 4-Bromofluorobenzene	12.847	95	185042	54.434	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	144351	47.094	ug/l	98
3) Chloromethane	2.359	50	148662	55.324	ug/l	99
4) Vinyl Chloride	2.512	62	156599	56.997	ug/l	99
5) Bromomethane	2.942	94	93603	50.015	ug/l	98
6) Chloroethane	3.112	64	94820	54.706	ug/l	92
7) Trichlorofluoromethane	3.494	101	235778	47.738	ug/l	99
8) Diethyl Ether	3.959	74	82945	54.858	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	137947	52.552	ug/l	98
10) Methyl Iodide	4.583	142	182352	53.314	ug/l	98
11) Tert butyl alcohol	5.518	59	109989	245.212	ug/l	98
12) 1,1-Dichloroethene	4.336	96	128882	54.374	ug/l	97
13) Acrolein	4.177	56	177814	371.677	ug/l	99
14) Allyl chloride	5.024	41	158570	53.625	ug/l	97
15) Acrylonitrile	5.718	53	349363	294.919	ug/l	99
16) Acetone	4.424	43	253871	262.295	ug/l	98
17) Carbon Disulfide	4.706	76	365486	46.887	ug/l	100
18) Methyl Acetate	5.018	43	149406	62.390	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	422716	54.424	ug/l	98
20) Methylene Chloride	5.271	84	148955	52.607	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	137136	52.941	ug/l	97
22) Diisopropyl ether	6.671	45	382340	60.675	ug/l	95
23) Vinyl Acetate	6.600	43	1404300	293.979	ug/l	98
24) 1,1-Dichloroethane	6.565	63	251273	54.227	ug/l	98
25) 2-Butanone	7.477	43	398097	285.048	ug/l	96
26) 2,2-Dichloropropane	7.482	77	226204	50.705	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	160726	54.602	ug/l	99
28) Bromochloromethane	7.812	49	109660	55.857	ug/l	95
29) Tetrahydrofuran	7.835	42	272777	316.370	ug/l	95
30) Chloroform	7.965	83	262080	51.169	ug/l	99
31) Cyclohexane	8.253	56	206158	52.225	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	238504	49.193	ug/l	100
36) 1,1-Dichloropropene	8.371	75	185156	53.539	ug/l	100
37) Ethyl Acetate	7.559	43	161103	55.218	ug/l	98
38) Carbon Tetrachloride	8.359	117	220942	48.589	ug/l	99
39) Methylcyclohexane	9.600	83	185925	54.188	ug/l	94
40) Benzene	8.600	78	579356	53.365	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	82410	59.153	ug/l	95
42) 1,2-Dichloroethane	8.665	62	179900	47.557	ug/l	98
43) Isopropyl Acetate	8.682	43	266532	42.158	ug/l	99
44) Trichloroethene	9.347	130	135986	48.329	ug/l	98
45) 1,2-Dichloropropane	9.618	63	142424	57.679	ug/l	100
46) Dibromomethane	9.706	93	101819	52.433	ug/l	99
47) Bromodichloromethane	9.882	83	210315	51.821	ug/l	98
48) Methyl methacrylate	9.676	41	121770	58.367	ug/l	97
49) 1,4-Dioxane	9.694	88	57108	1157.939	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	853814	306.218	ug/l	98
52) Toluene	10.629	92	370364	55.584	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	212820	53.995	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	227195	54.634	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	137870	54.212	ug/l	96
56) Ethyl methacrylate	10.870	69	216154	53.688	ug/l	98
57) 1,3-Dichloropropane	11.159	76	240537	55.686	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	465473	295.351	ug/l	97
59) 2-Hexanone	11.194	43	631957	311.121	ug/l	98
60) Dibromochloromethane	11.359	129	170058	51.820	ug/l	97
61) 1,2-Dibromoethane	11.465	107	138476	53.039	ug/l	97
64) Tetrachloroethene	11.100	164	133798	48.460	ug/l	99
65) Chlorobenzene	11.888	112	397294	50.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	146568	49.783	ug/l	99
67) Ethyl Benzene	11.959	91	687181	54.241	ug/l	98
68) m/p-Xylenes	12.070	106	549680	110.388	ug/l	100
69) o-Xylene	12.394	106	259301	56.737	ug/l	97
70) Styrene	12.406	104	449282	57.555	ug/l	98
71) Bromoform	12.576	173	120995	49.161	ug/l #	99
73) Isopropylbenzene	12.694	105	650447	52.382	ug/l	99
74) N-amyl acetate	12.494	43	235151	56.602	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	205127	48.828	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	197766m	48.579	ug/l	
77) Bromobenzene	12.976	156	168220	48.584	ug/l	98
78) n-propylbenzene	13.035	91	765735	54.458	ug/l	100
79) 2-Chlorotoluene	13.123	91	487099	52.155	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	568702	54.245	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	77298	50.200	ug/l	99
82) 4-Chlorotoluene	13.217	91	494232	51.460	ug/l	98
83) tert-Butylbenzene	13.435	119	454624	50.703	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	570180	53.922	ug/l	99
85) sec-Butylbenzene	13.611	105	648322	55.426	ug/l	99
86) p-Isopropyltoluene	13.729	119	548158	55.360	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	313749	50.271	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	308043	46.977	ug/l	100
89) n-Butylbenzene	14.053	91	437241	54.226	ug/l	99
90) Hexachloroethane	14.329	117	108700	47.576	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	299951	48.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40345	48.111	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	142178	45.575	ug/l	98
94) Hexachlorobutadiene	15.500	225	77894	43.038	ug/l	99
95) Naphthalene	15.635	128	432683	47.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	141022	47.640	ug/l	98

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ClientSampleId :
VSTDCCC050

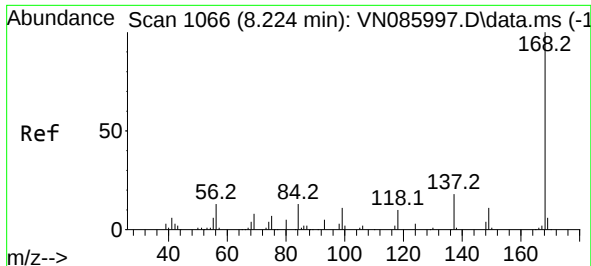
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/26/2025

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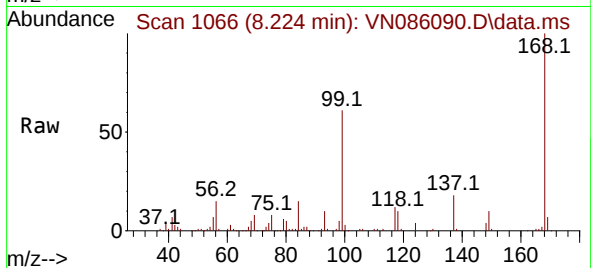
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

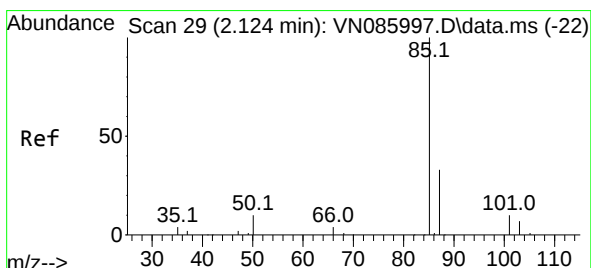
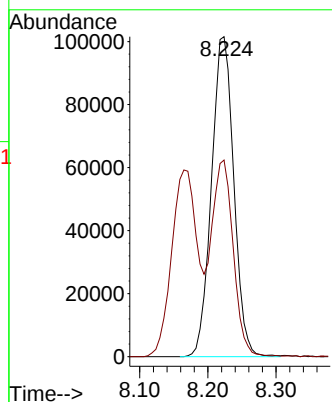
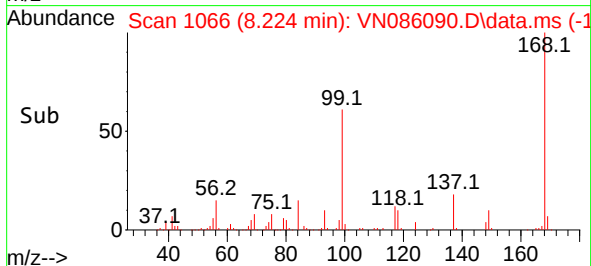
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 231359
Ion Ratio Lower Upper
168 100
99 61.2 49.4 74.2

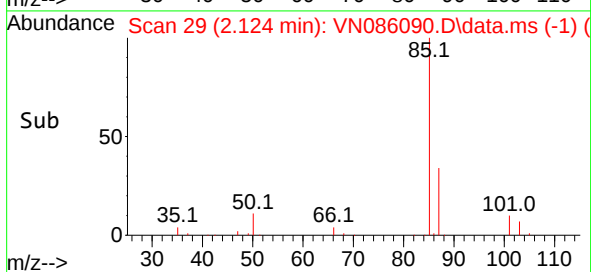
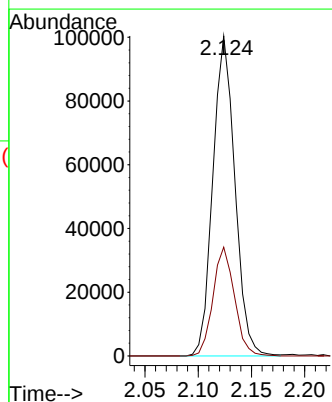
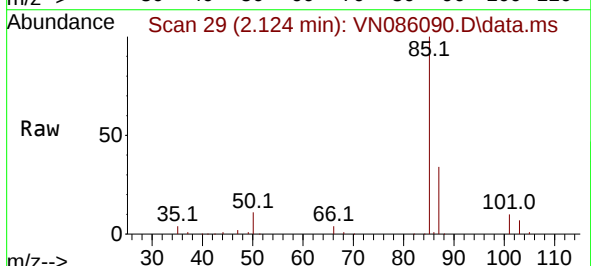
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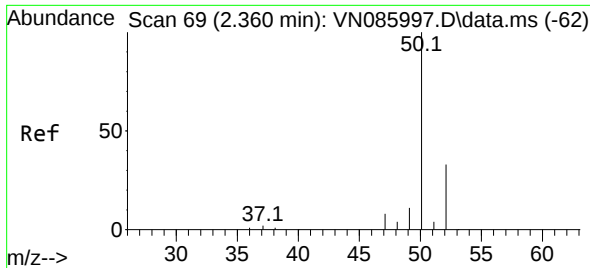
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 47.094 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

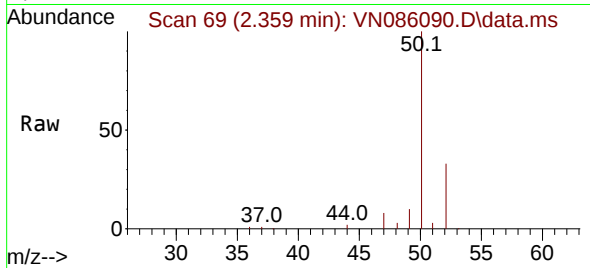
Tgt Ion: 85 Resp: 144351
Ion Ratio Lower Upper
85 100
87 34.0 16.5 49.5





#3
Chloromethane
Concen: 55.324 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

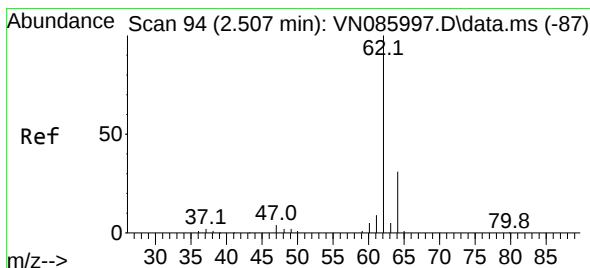
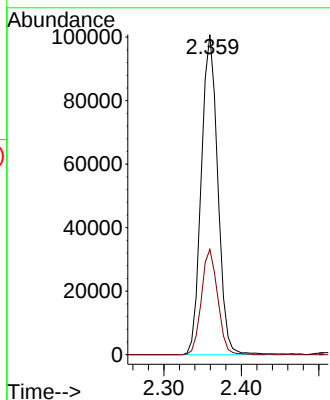
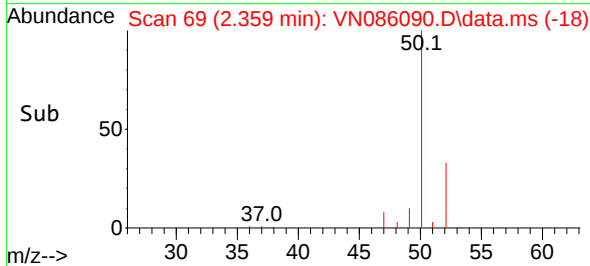
Instrument :
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Tgt Ion: 50 Resp: 148662
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0

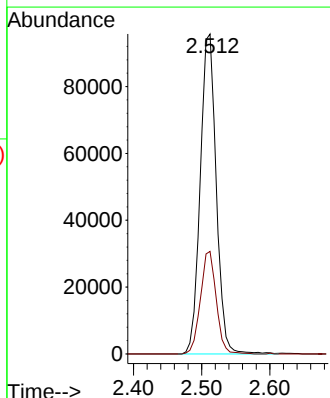
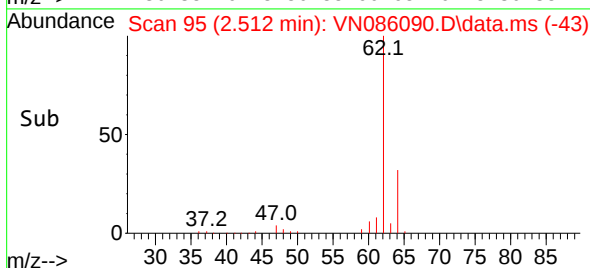
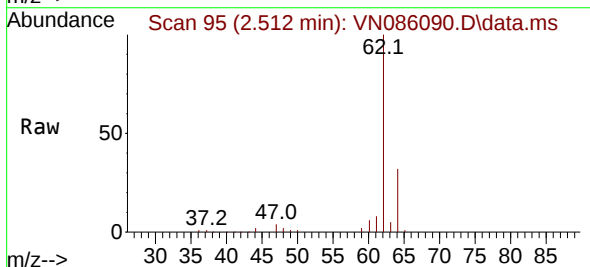
Manual Integrations
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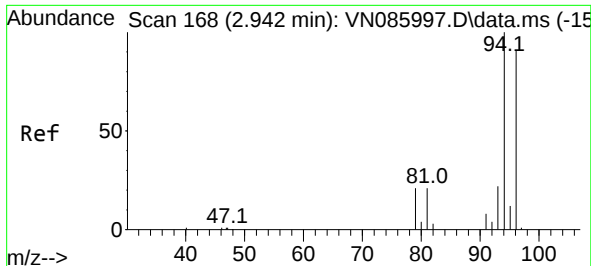
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#4
Vinyl Chloride
Concen: 56.997 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

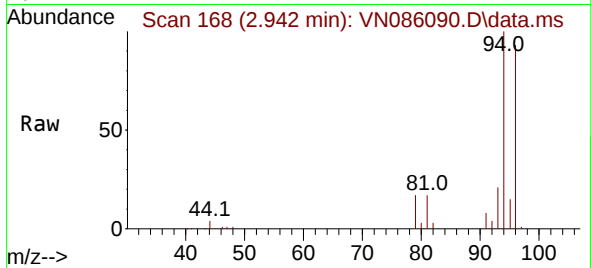
Tgt Ion: 62 Resp: 156599
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 50.015 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

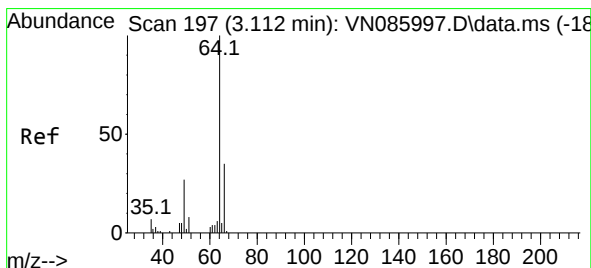
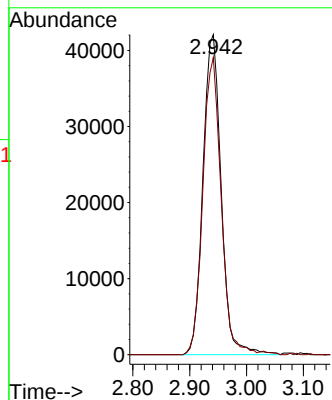
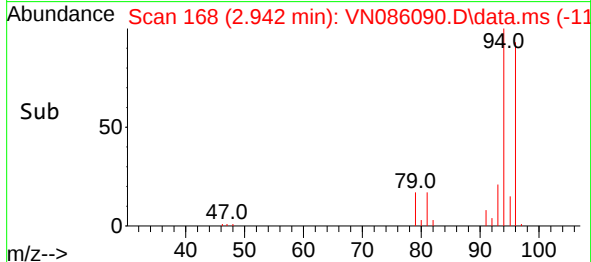
Instrument :
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Tgt Ion: 94 Resp: 9360
Ion Ratio Lower Upper
94 100
96 92.8 72.8 109.2

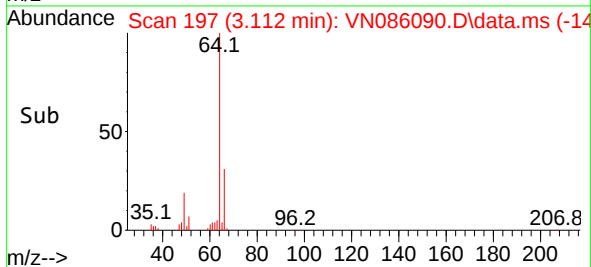
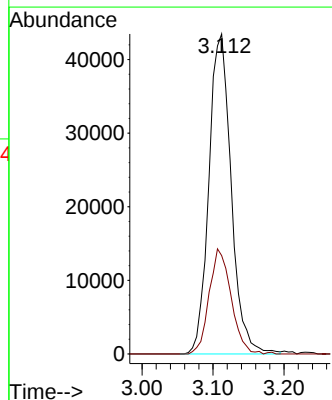
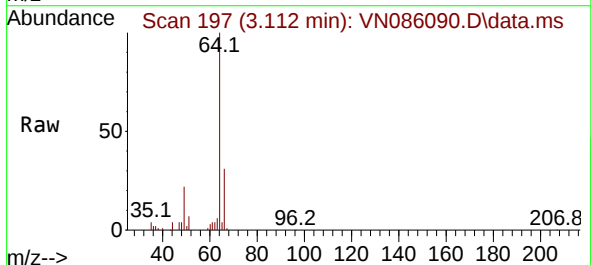
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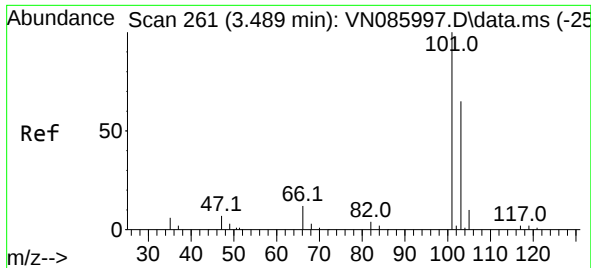
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#6
Chloroethane
Concen: 54.706 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

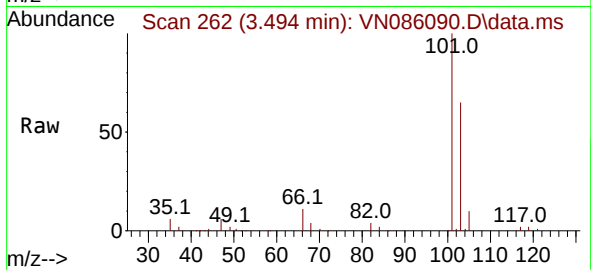
Tgt Ion: 64 Resp: 94820
Ion Ratio Lower Upper
64 100
66 30.7 28.3 42.5





#7
 Trichlorofluoromethane
 Concen: 47.738 ug/l
 RT: 3.494 min Scan# 261
 Delta R.T. 0.006 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27

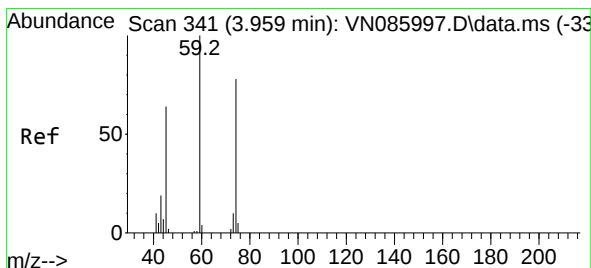
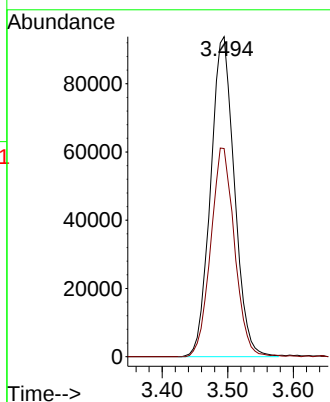
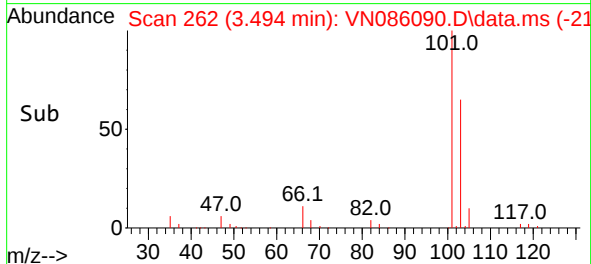
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 235778
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.7 77.5

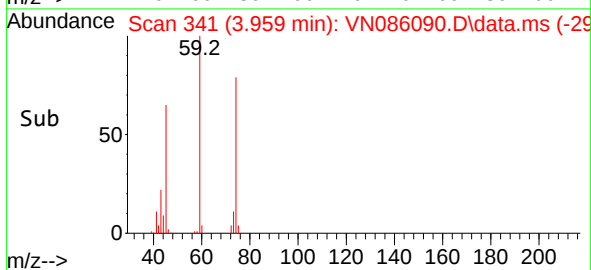
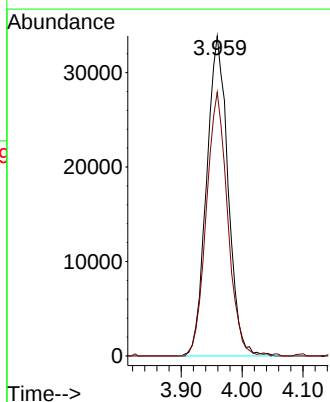
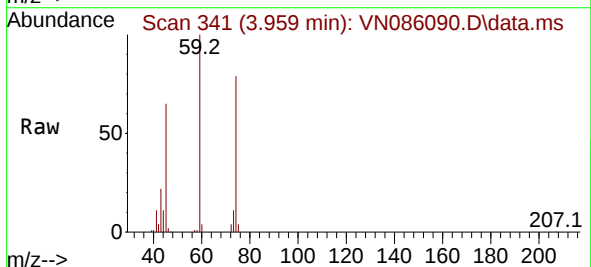
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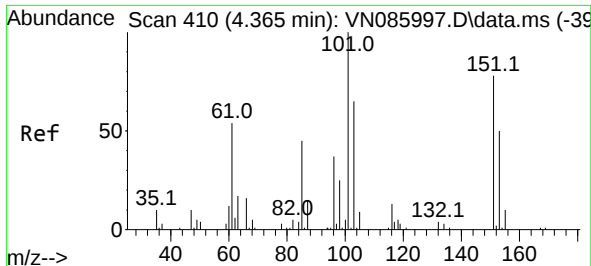
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#8
 Diethyl Ether
 Concen: 54.858 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27

Tgt Ion: 74 Resp: 82945
 Ion Ratio Lower Upper
 74 100
 45 81.4 38.0 113.9





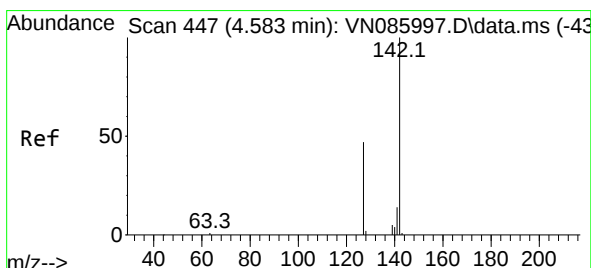
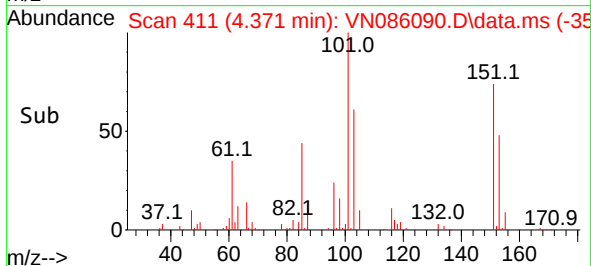
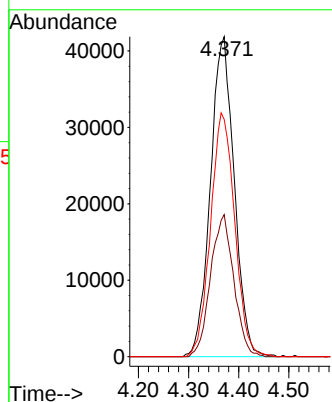
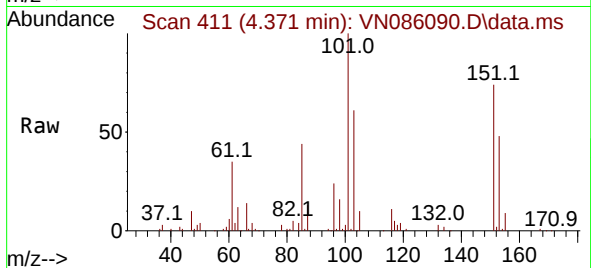
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.552 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 13794
Ion Ratio Lower Upper
101 100
85 43.4 36.5 54.7
151 77.5 63.4 95.0

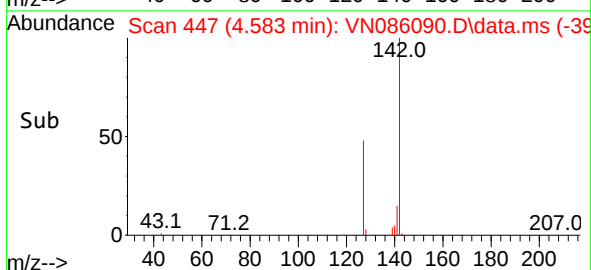
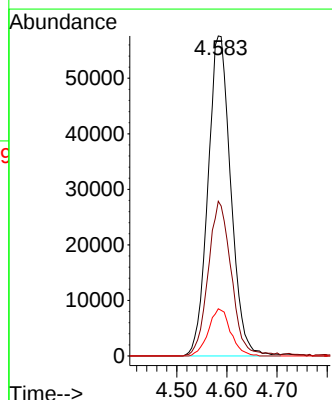
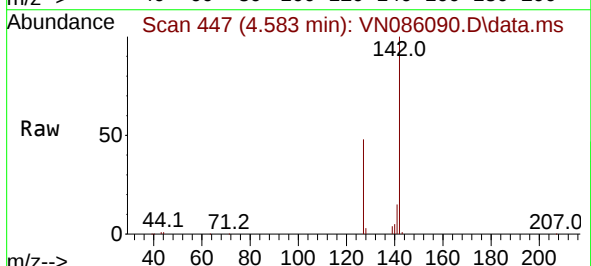
Manual Integrations
APPROVED

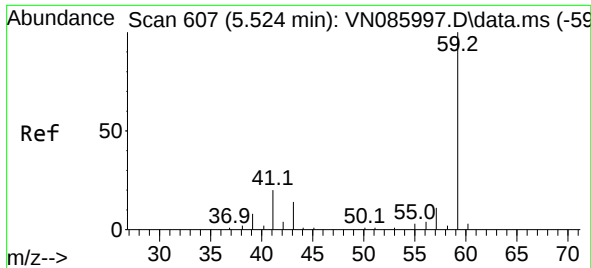
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#10
Methyl Iodide
Concen: 53.314 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

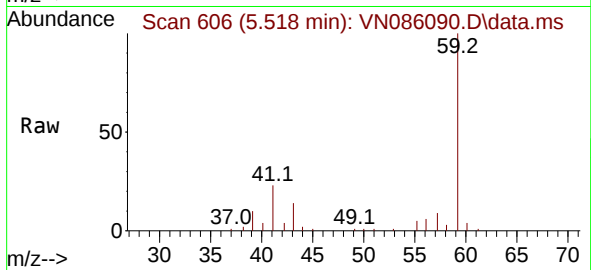
Tgt Ion:142 Resp: 182352
Ion Ratio Lower Upper
142 100
127 48.3 37.5 56.3
141 14.8 11.0 16.6





#11
Tert butyl alcohol
Concen: 245.212 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

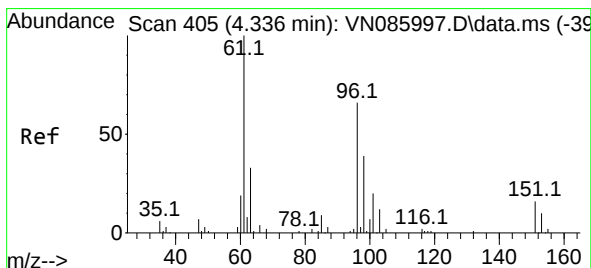
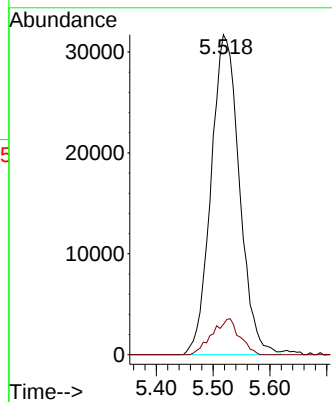
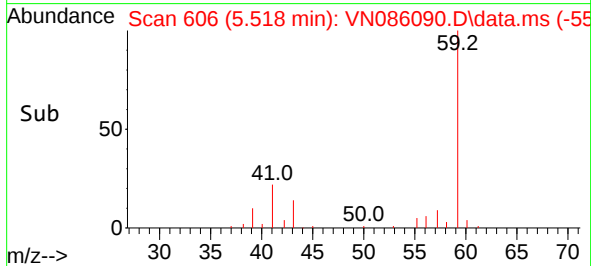
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



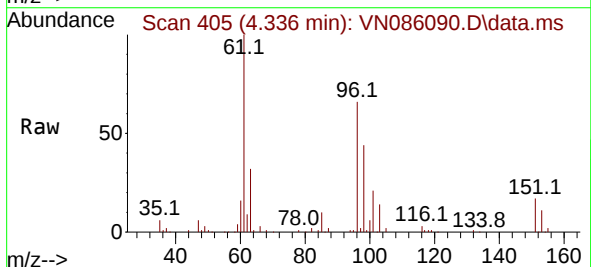
Tgt Ion: 59 Resp: 109989
Ion Ratio Lower Upper
59 100
57 10.8 7.9 11.9

Manual Integrations
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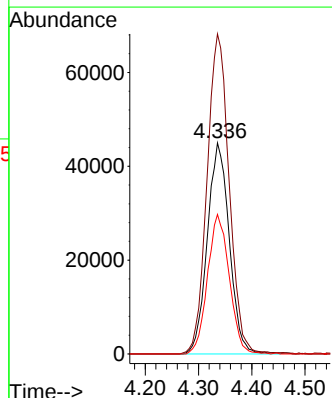
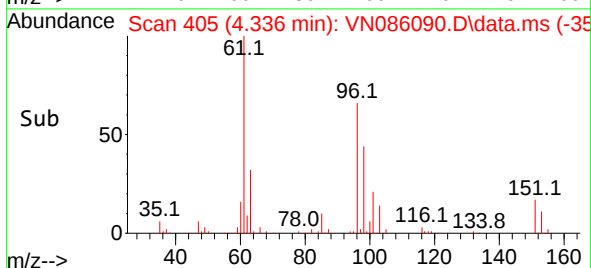
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

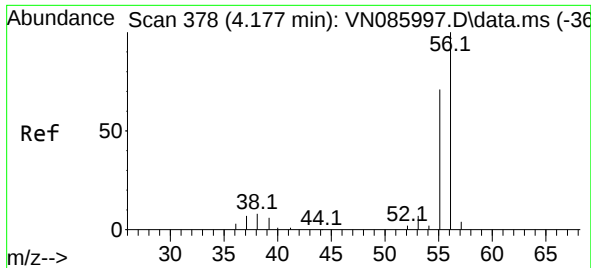


#12
1,1-Dichloroethene
Concen: 54.374 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



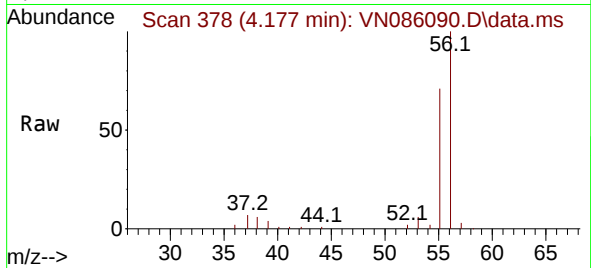
Tgt Ion: 96 Resp: 128882
Ion Ratio Lower Upper
96 100
61 151.6 120.5 180.7
98 66.1 47.4 71.0





#13
Acrolein
Concen: 371.677 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

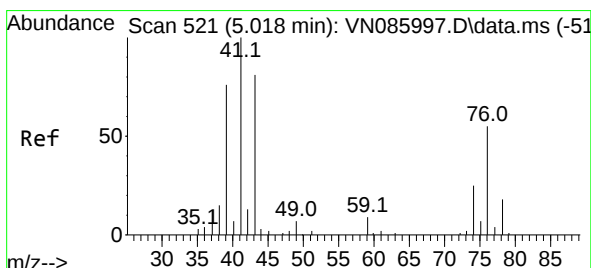
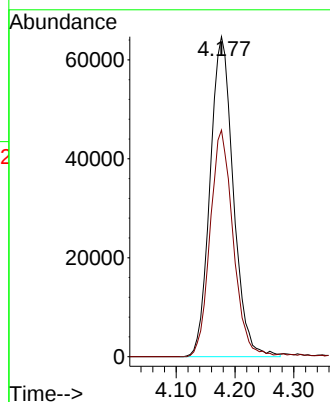
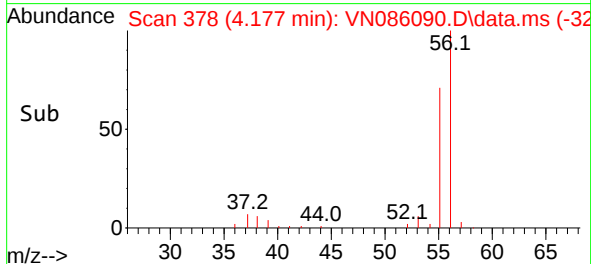
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



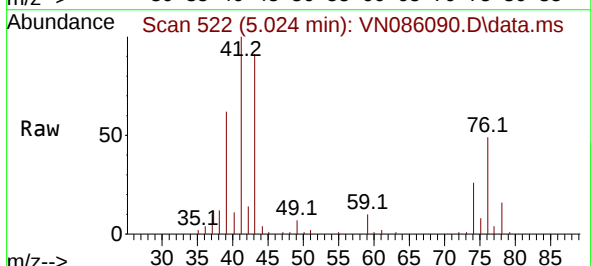
Tgt Ion: 56 Resp: 177814
Ion Ratio Lower Upper
56 100
55 69.9 55.1 82.7

Manual Integrations
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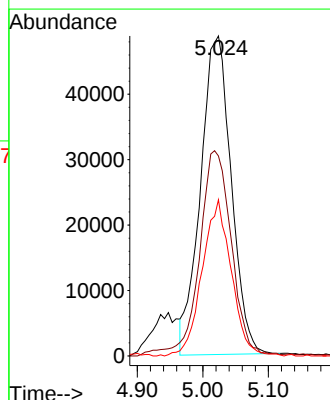
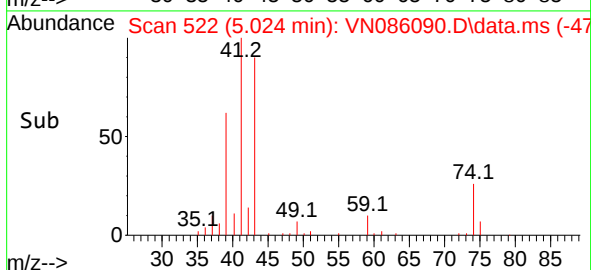
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

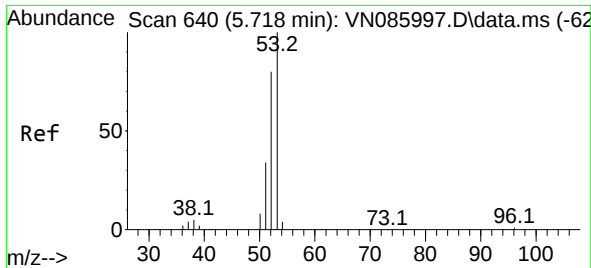


#14
Allyl chloride
Concen: 53.625 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



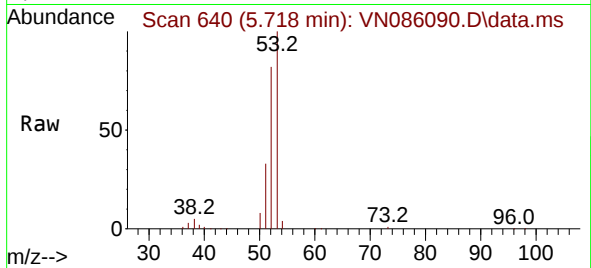
Tgt Ion: 41 Resp: 158570
Ion Ratio Lower Upper
41 100
39 67.4 55.5 83.3
76 46.4 39.1 58.7





#15
Acrylonitrile
Concen: 294.919 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

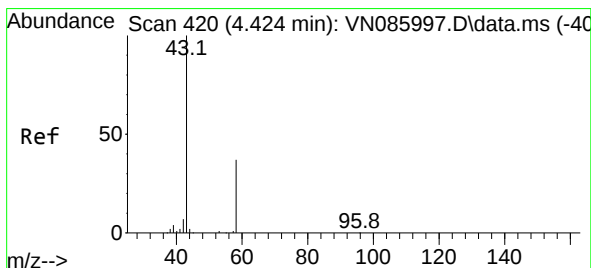
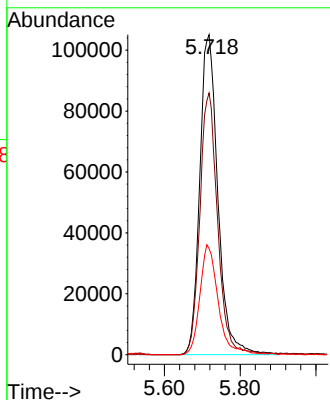
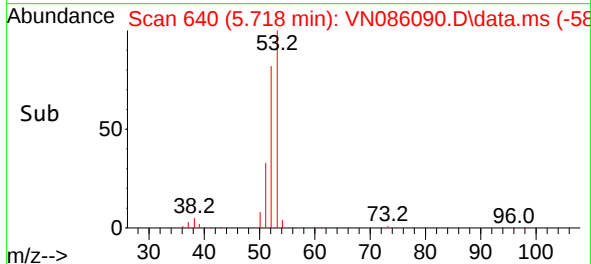
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 34936
Ion Ratio Lower Upper
53 100
52 80.2 63.9 95.9
51 34.5 27.1 40.7

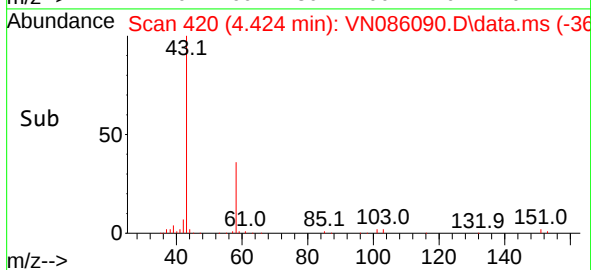
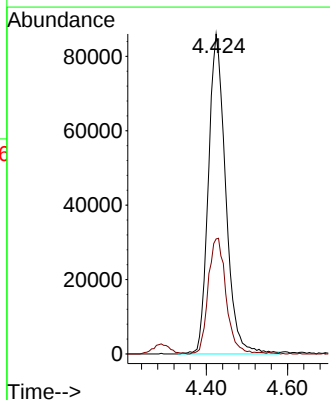
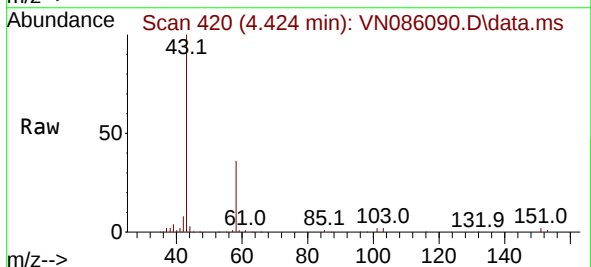
Manual Integrations
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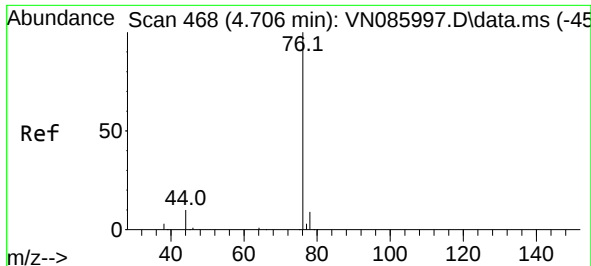
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#16
Acetone
Concen: 262.295 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

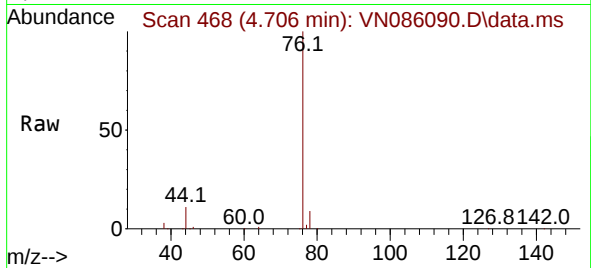
Tgt Ion: 43 Resp: 253871
Ion Ratio Lower Upper
43 100
58 35.8 29.4 44.2





#17
Carbon Disulfide
Concen: 46.887 ug/l
RT: 4.706 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

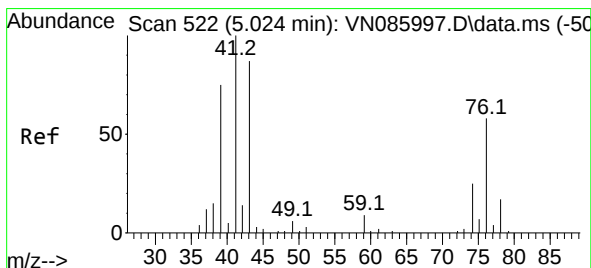
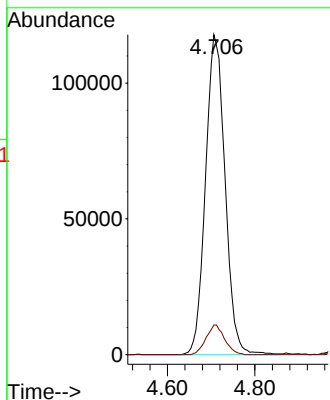
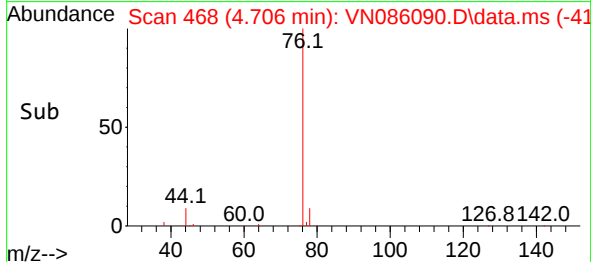
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



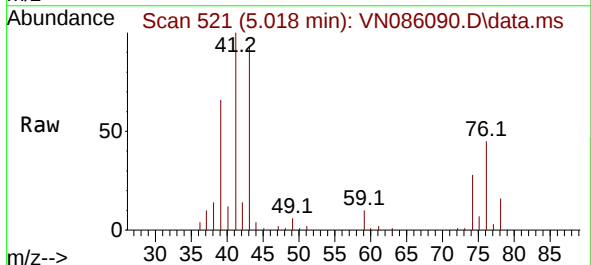
Tgt Ion: 76 Resp: 365486
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

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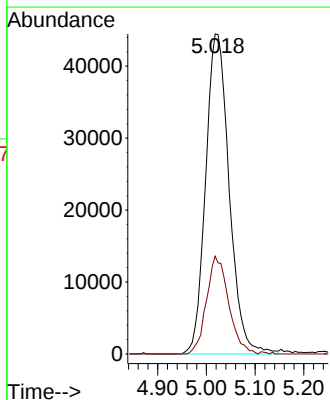
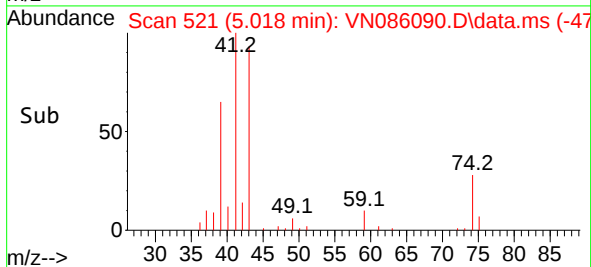
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

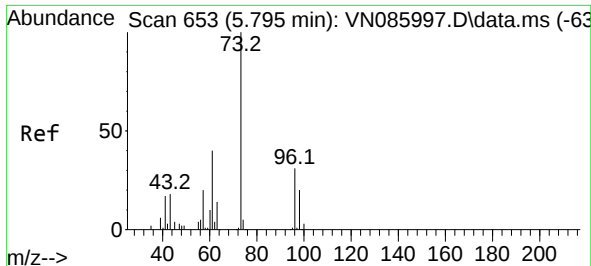


#18
Methyl Acetate
Concen: 62.390 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



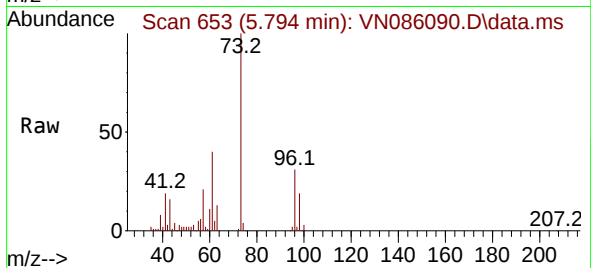
Tgt Ion: 43 Resp: 149406
Ion Ratio Lower Upper
43 100
74 28.6 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 54.424 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

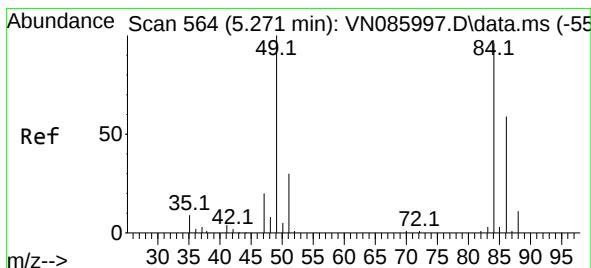
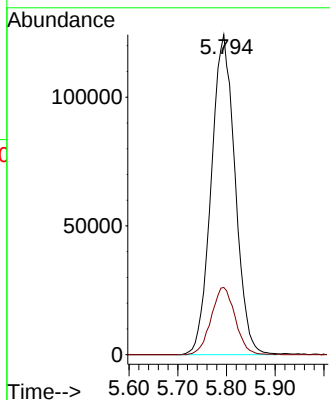
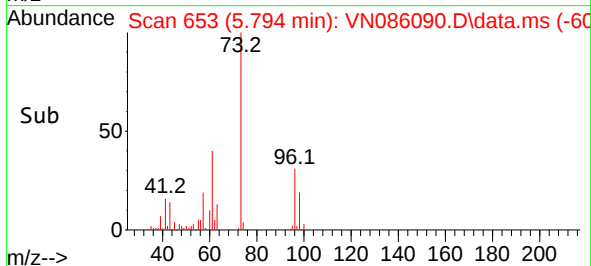
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 422710
Ion Ratio Lower Upper
73 100
57 21.0 16.1 24.1

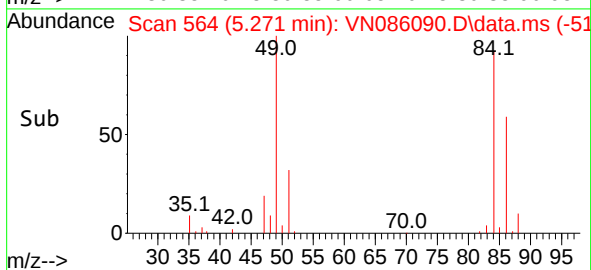
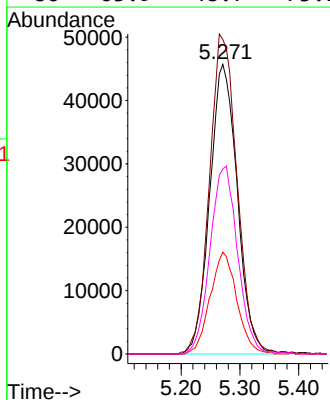
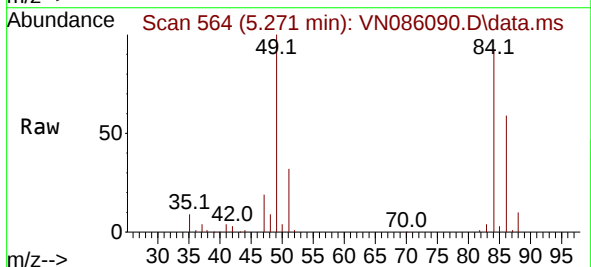
Manual Integrations
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Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 52.607 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

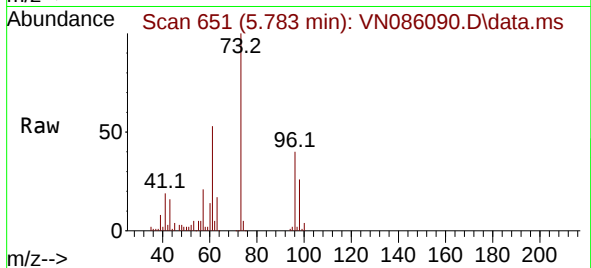
Tgt Ion: 84 Resp: 148955
Ion Ratio Lower Upper
84 100
49 108.6 83.3 124.9
51 35.1 24.8 37.2
86 63.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 52.941 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

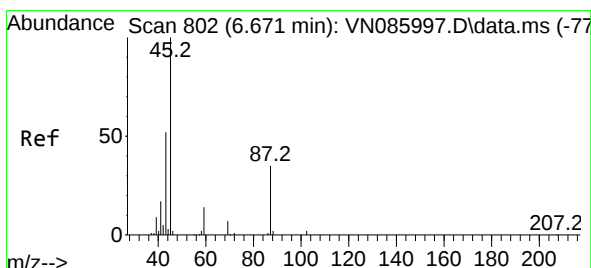
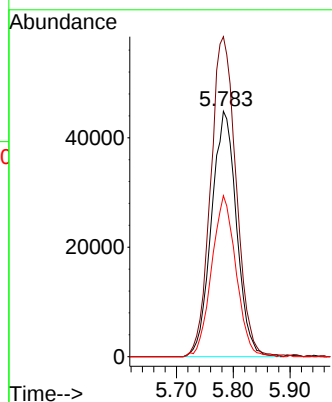
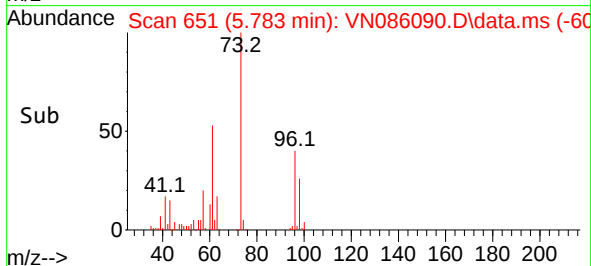
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 137130
Ion Ratio Lower Upper
96 100
61 130.3 106.6 160.0
98 65.6 50.0 75.0

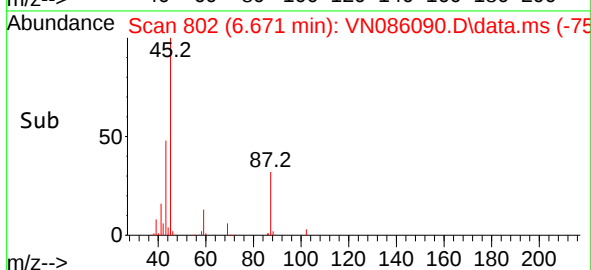
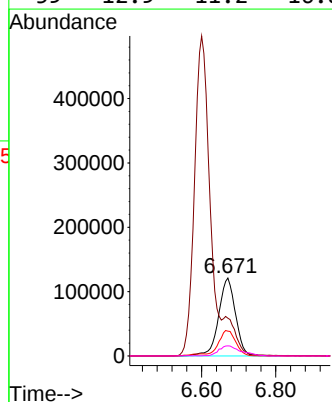
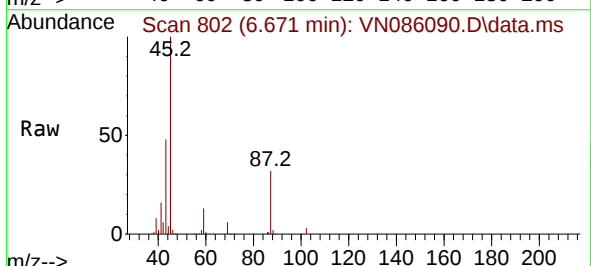
Manual Integrations
APPROVED

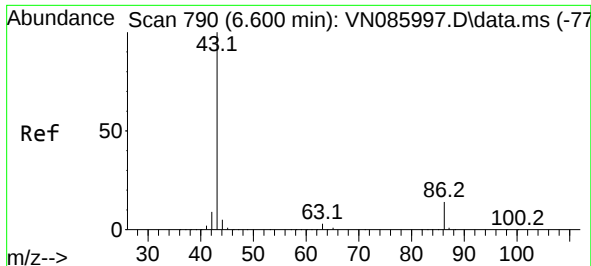
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#22
Diisopropyl ether
Concen: 60.675 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Tgt Ion: 45 Resp: 382340
Ion Ratio Lower Upper
45 100
43 47.7 41.2 61.8
87 31.8 28.5 42.7
59 12.9 11.2 16.8





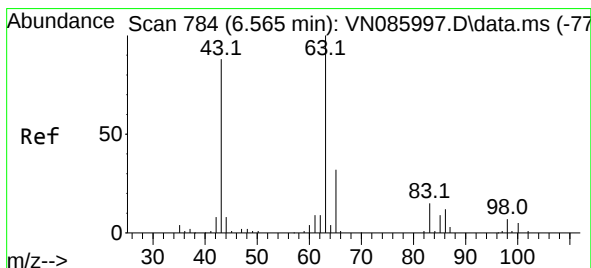
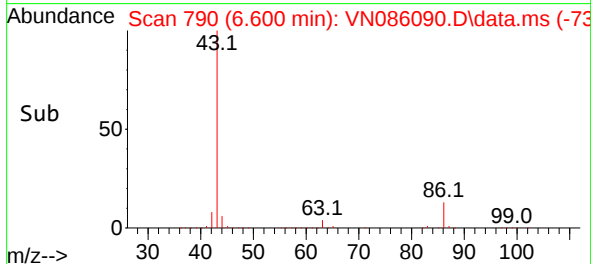
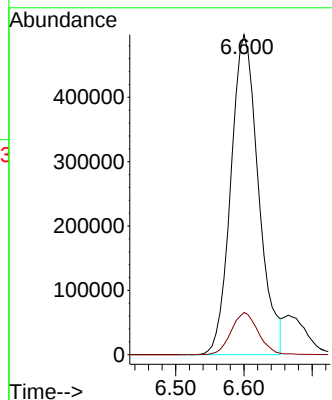
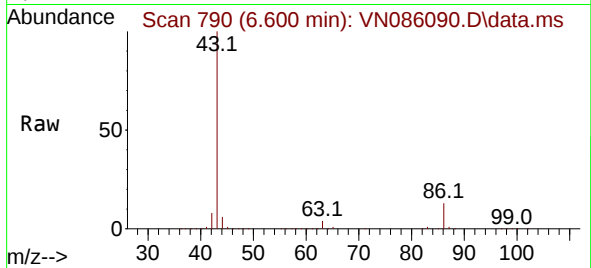
#23
 Vinyl Acetate
 Concen: 293.979 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1404300
 Ion Ratio Lower Upper
 43 100
 86 13.2 11.2 16.8

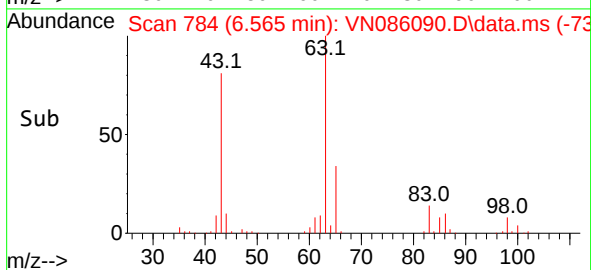
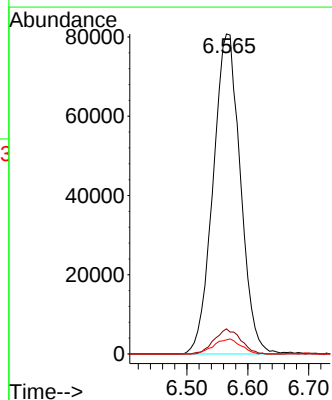
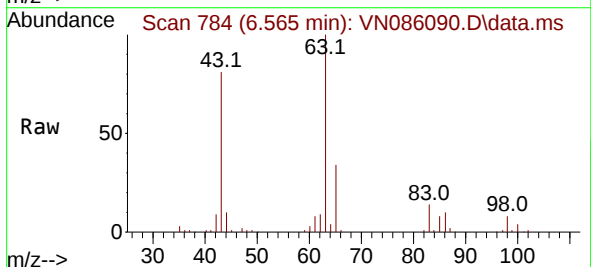
Manual Integrations
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Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#24
 1,1-Dichloroethane
 Concen: 54.227 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27

Tgt Ion: 63 Resp: 251273
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 4.4 2.5 7.5





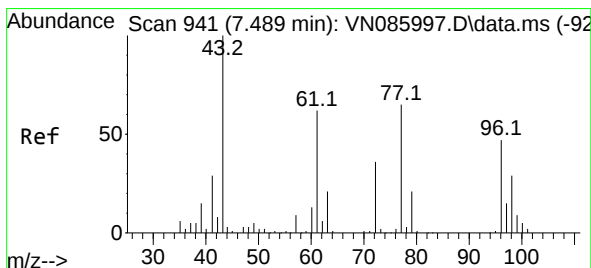
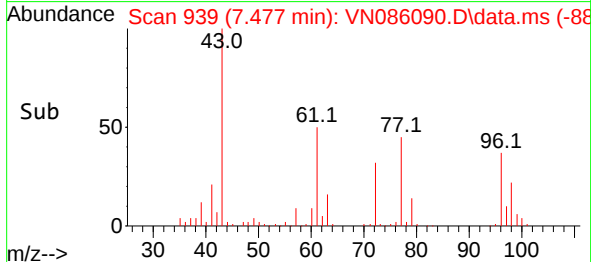
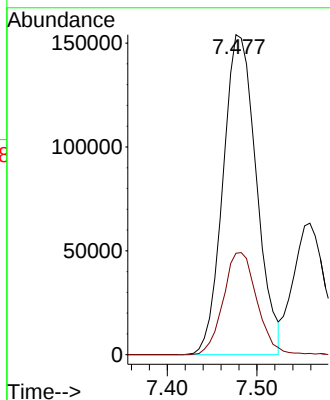
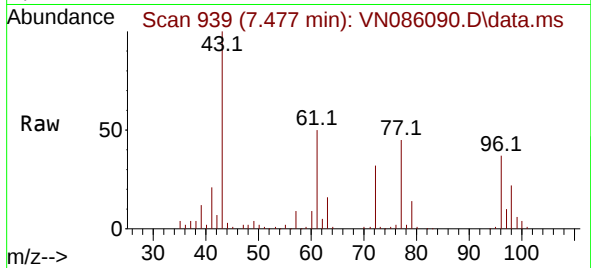
#25
2-Butanone
Concen: 285.048 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 39809
Ion Ratio Lower Upper
43 100
72 31.7 27.4 41.0

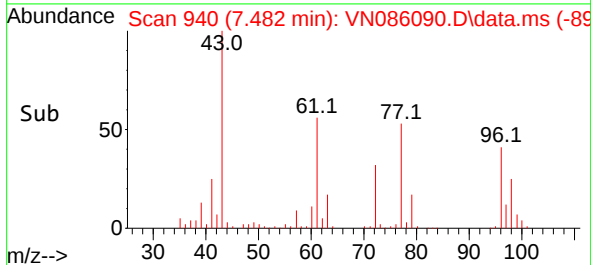
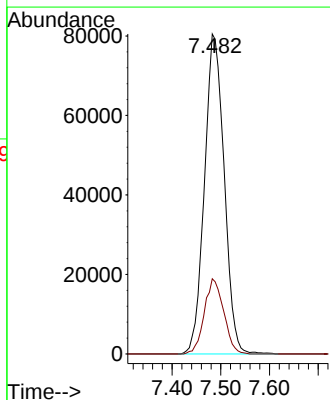
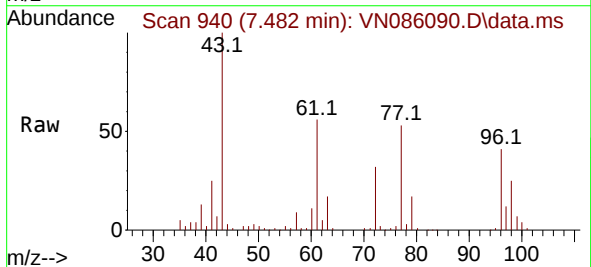
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#26
2,2-Dichloropropane
Concen: 50.705 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

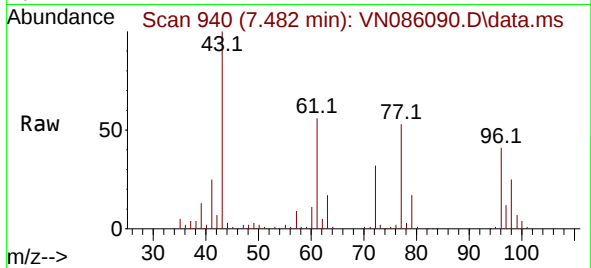
Tgt Ion: 77 Resp: 226204
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.602 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27

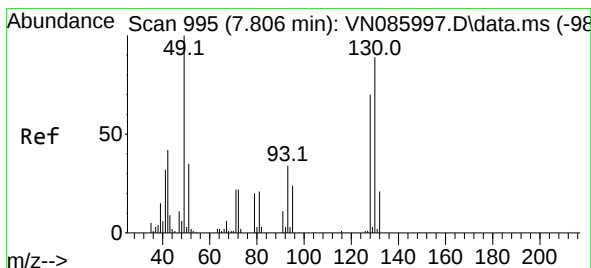
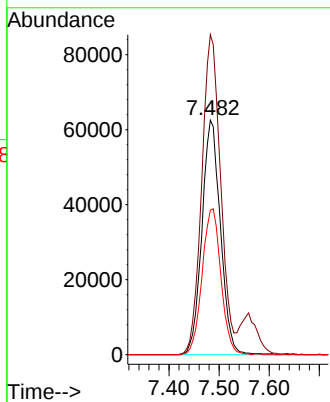
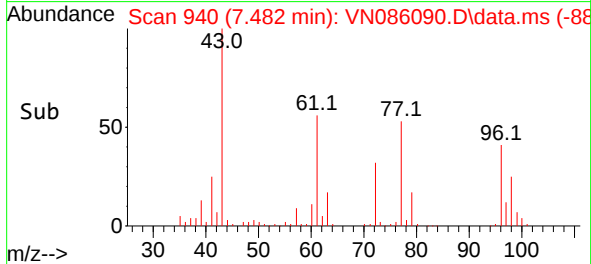
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 160720
 Ion Ratio Lower Upper
 96 100
 61 138.2 0.0 272.8
 98 63.0 0.0 124.8

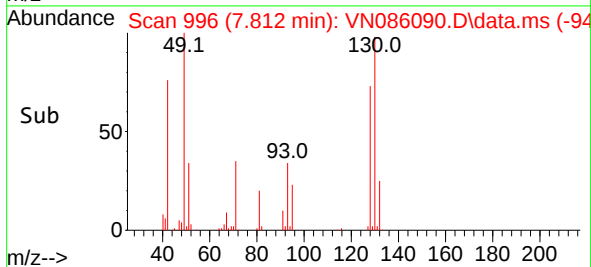
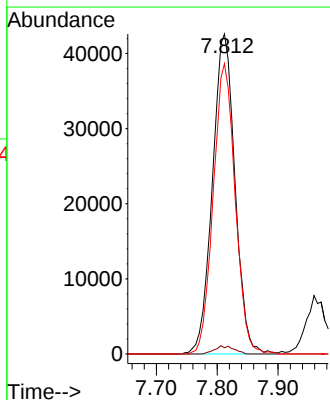
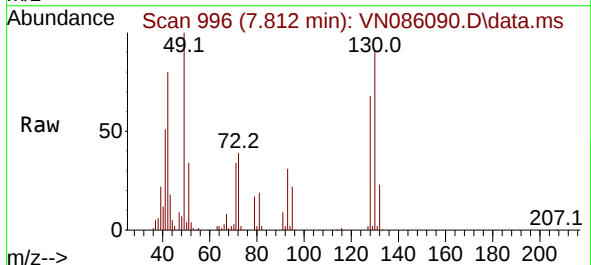
Manual Integrations
 APPROVED

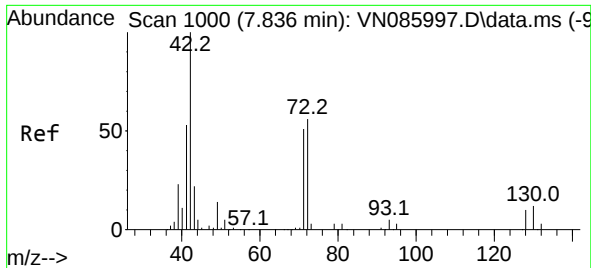
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#28
 Bromochloromethane
 Concen: 55.857 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27

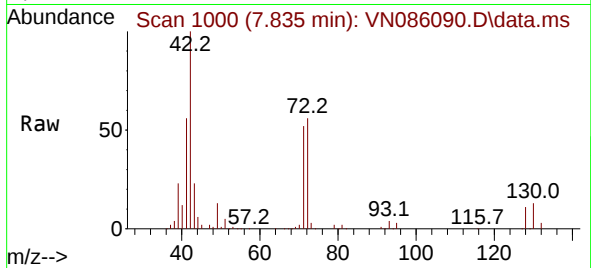
Tgt Ion: 49 Resp: 109660
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 88.2 74.2 111.4





#29
Tetrahydrofuran
Concen: 316.370 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

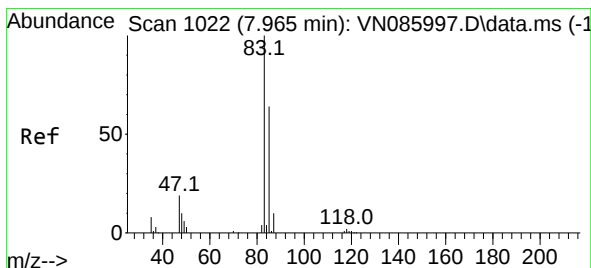
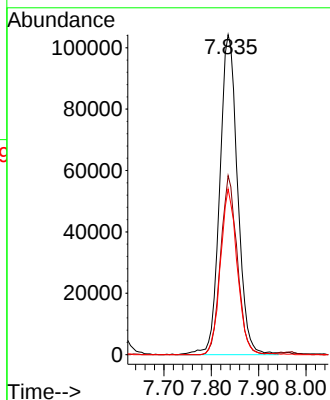
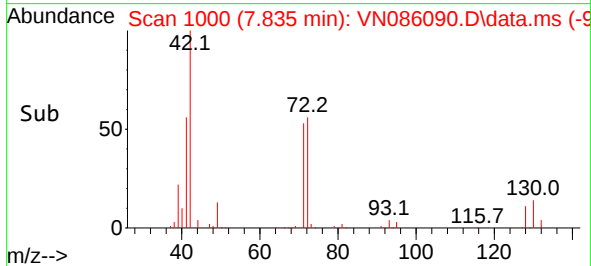
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 272777
Ion Ratio Lower Upper
42 100
72 52.1 45.0 67.4
71 48.7 41.9 62.9

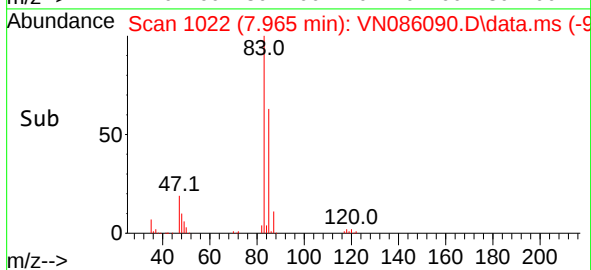
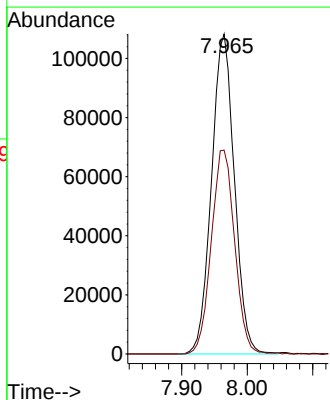
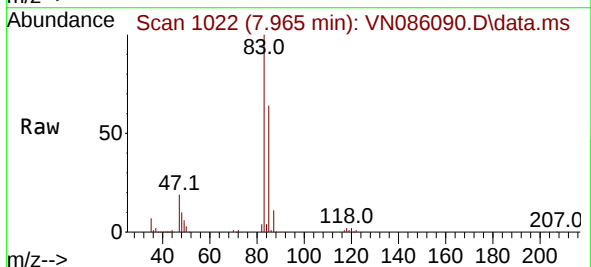
Manual Integrations
APPROVED

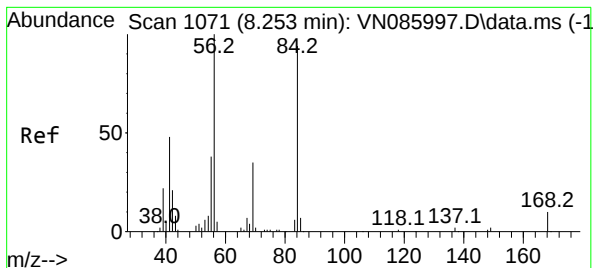
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#30
Chloroform
Concen: 51.169 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Tgt Ion: 83 Resp: 262080
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3





#31

Cyclohexane

Concen: 52.225 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 206158

Ion Ratio Lower Upper

56 100

69 32.3 28.0 42.0

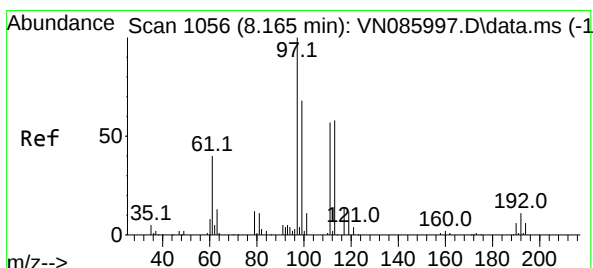
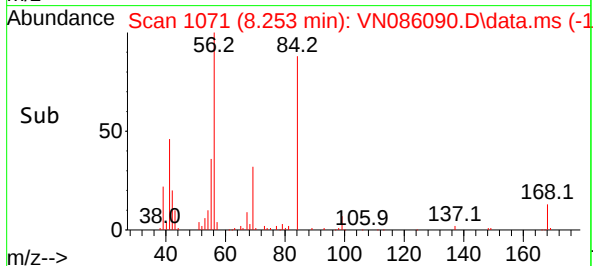
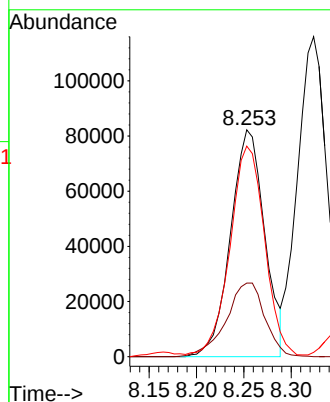
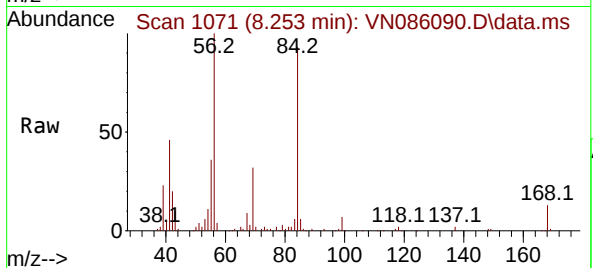
84 91.5 75.0 112.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#32

1,1,1-Trichloroethane

Concen: 49.193 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

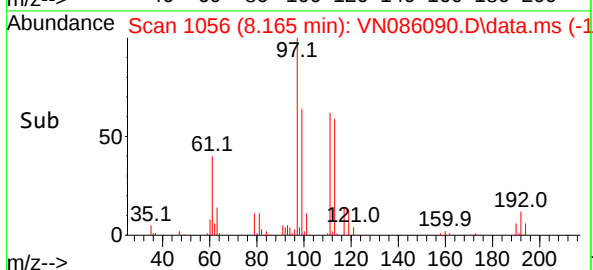
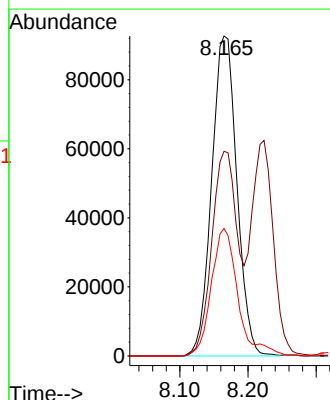
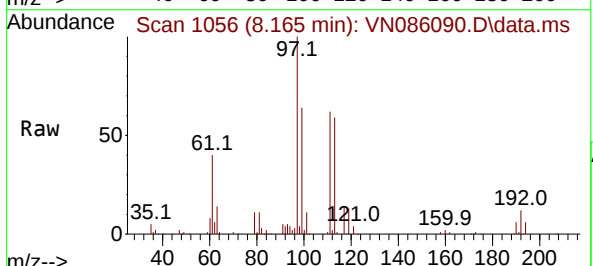
Tgt Ion: 97 Resp: 238504

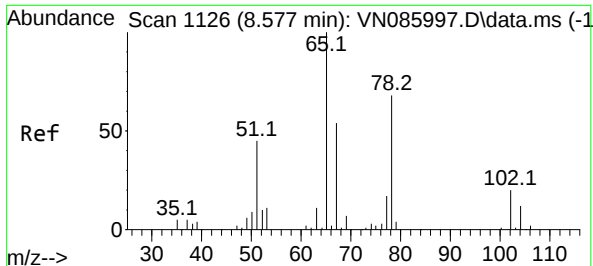
Ion Ratio Lower Upper

97 100

99 65.6 52.8 79.2

61 41.9 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 49.704 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050

Tgt Ion: 65 Resp: 15746

Ion Ratio Lower Upper

65 100

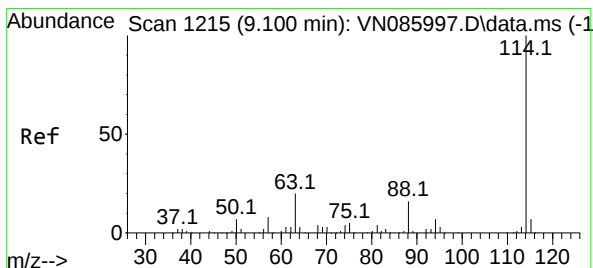
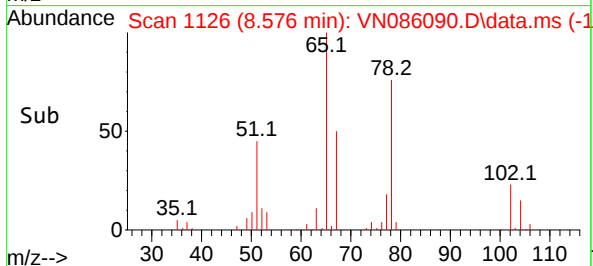
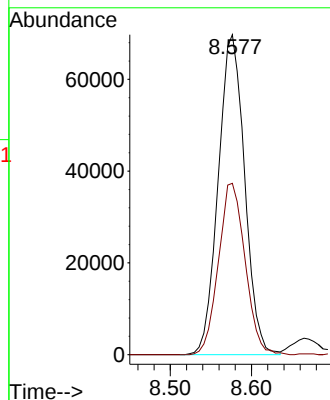
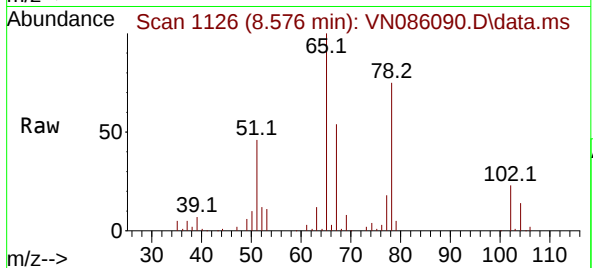
67 54.1 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

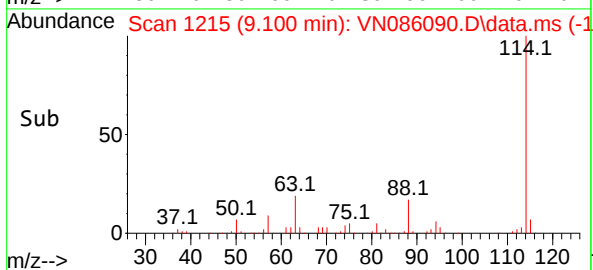
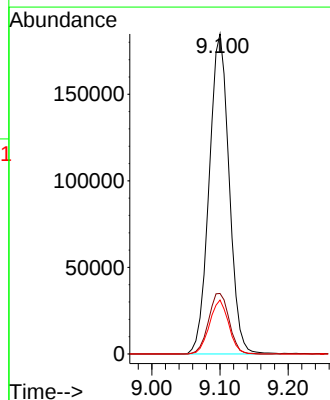
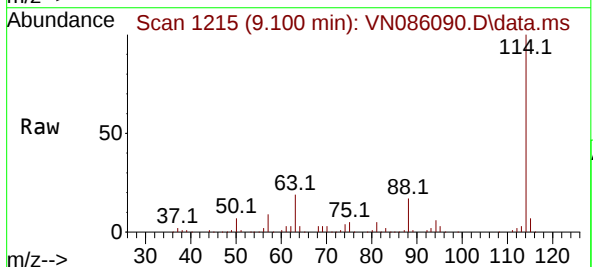
Tgt Ion:114 Resp: 376282

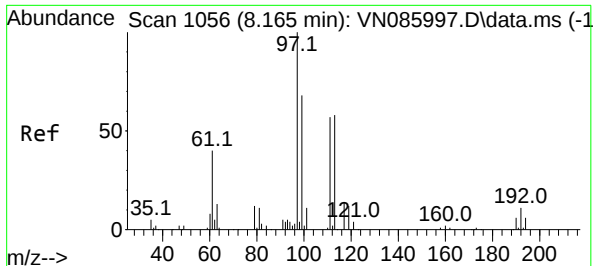
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.298 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 134729

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

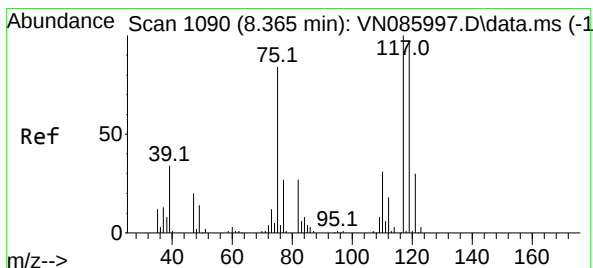
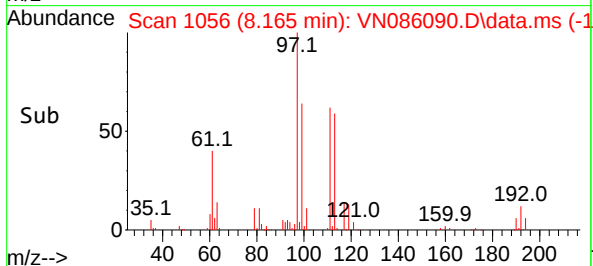
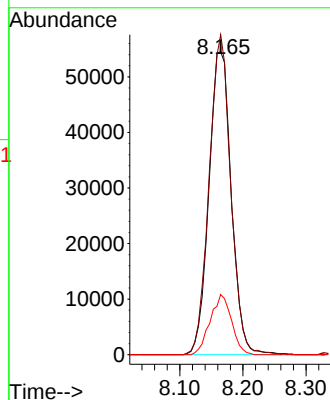
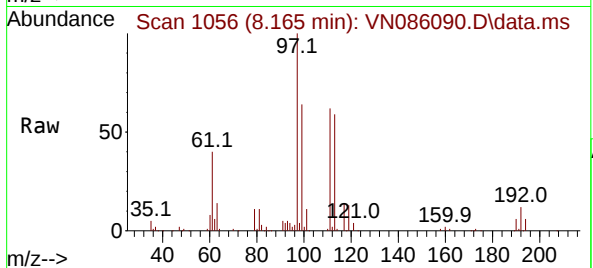
192 18.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#36

1,1-Dichloropropene

Concen: 53.539 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

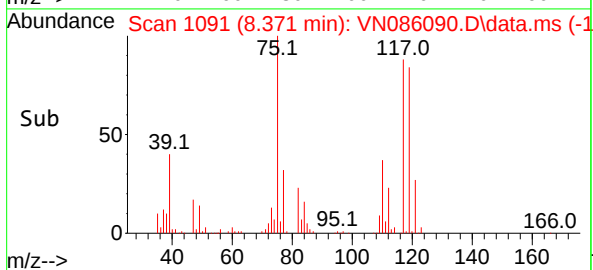
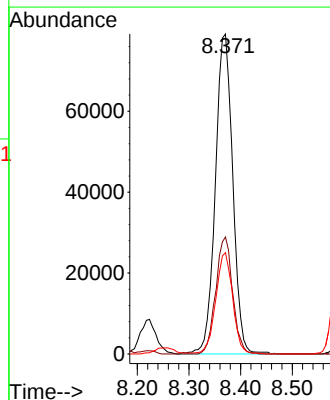
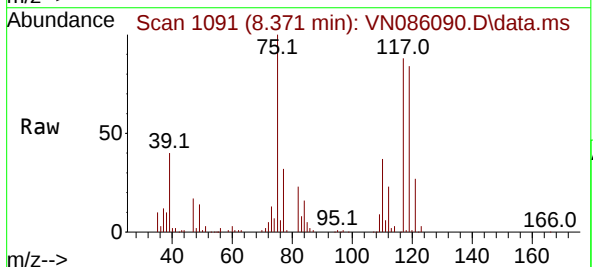
Tgt Ion: 75 Resp: 185156

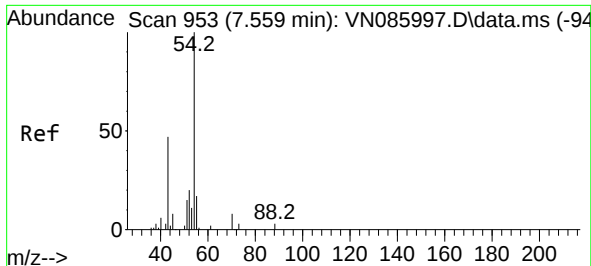
Ion Ratio Lower Upper

75 100

110 35.4 17.8 53.3

77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 55.218 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16110

Ion Ratio Lower Upper

43 100

61 15.0 13.0 19.4

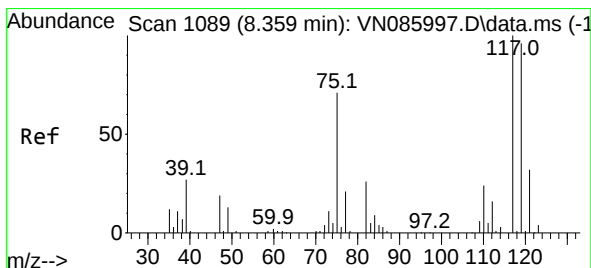
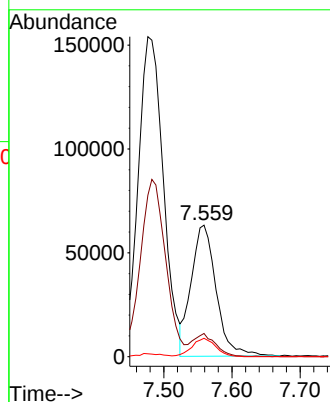
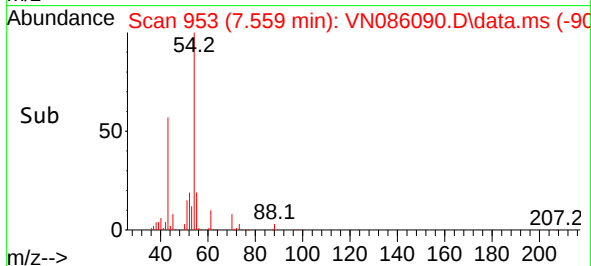
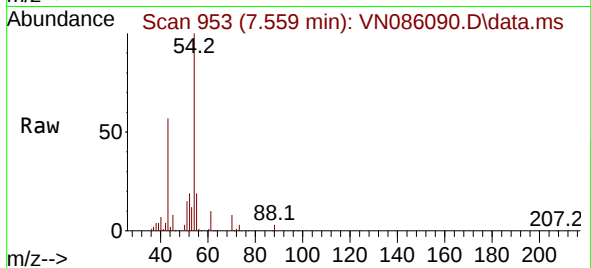
70 13.3 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#38

Carbon Tetrachloride

Concen: 48.589 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

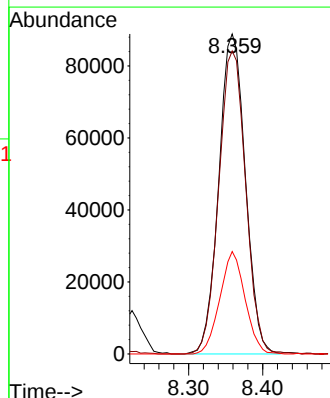
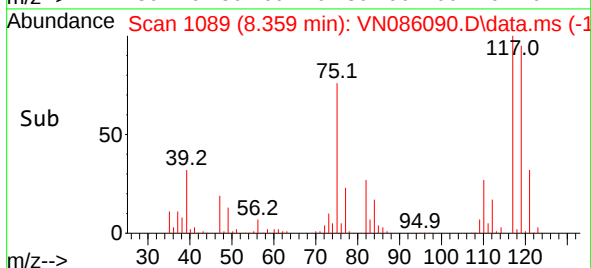
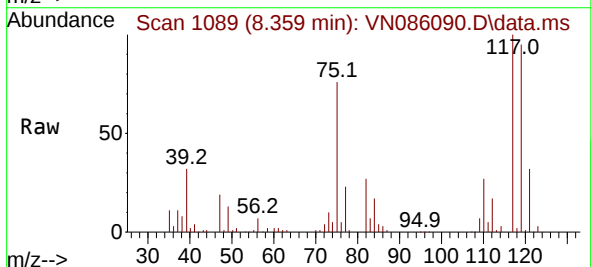
Tgt Ion:117 Resp: 220942

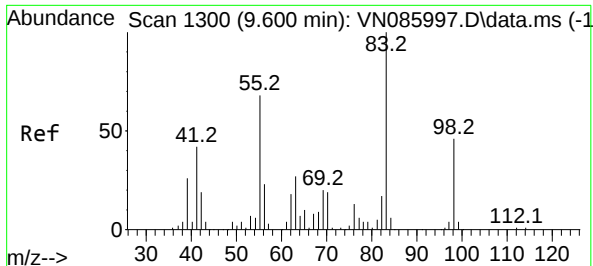
Ion Ratio Lower Upper

117 100

119 94.7 77.0 115.4

121 32.0 25.6 38.4





#39

Methylcyclohexane

Concen: 54.188 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

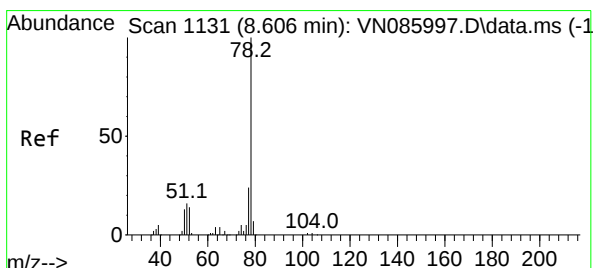
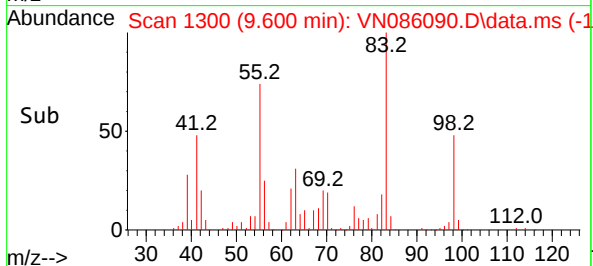
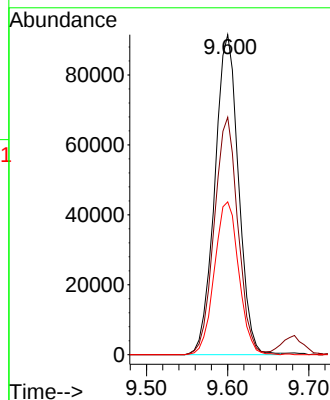
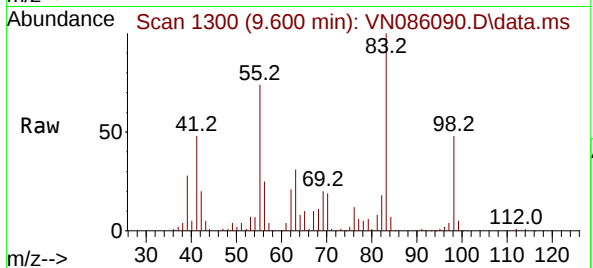
Tgt Ion:	83	Resp:	18592
Ion Ratio	Lower	Upper	
83	100		
55	74.2	54.2	81.2
98	47.7	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#40

Benzene

Concen: 53.365 ug/l

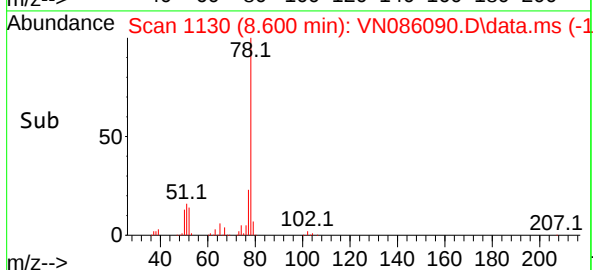
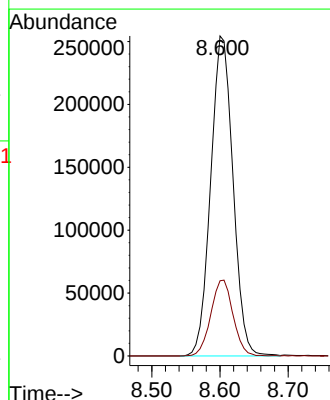
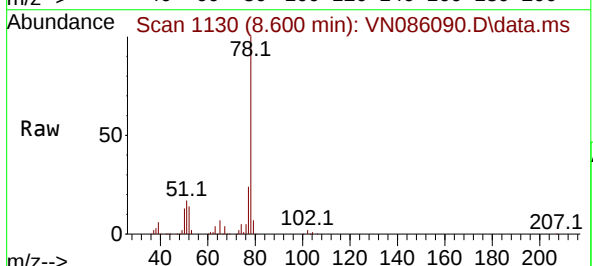
RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

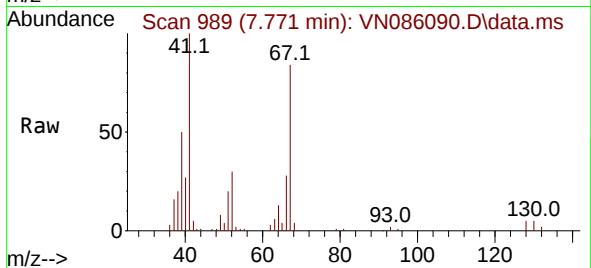
Tgt Ion:	78	Resp:	579356
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.9	28.3





#41
Methacrylonitrile
Concen: 59.153 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

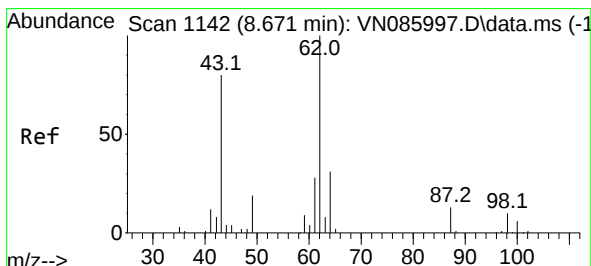
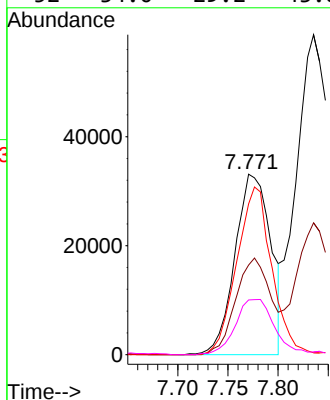
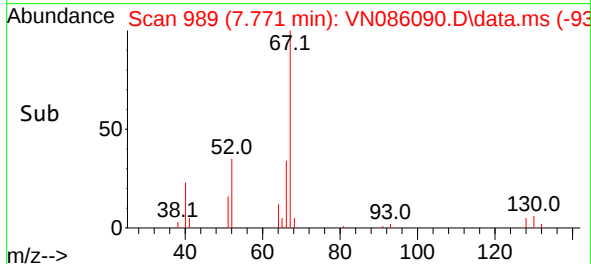
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



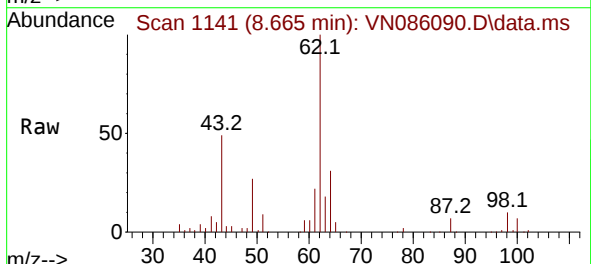
Tgt Ion: 41 Resp: 82410
Ion Ratio Lower Upper
41 100
39 51.8 46.2 69.2
67 90.7 75.9 113.9
52 34.0 29.2 43.8

Manual Integrations
APPROVED

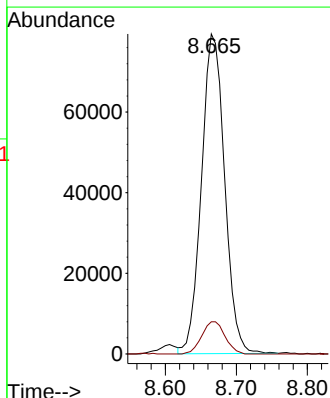
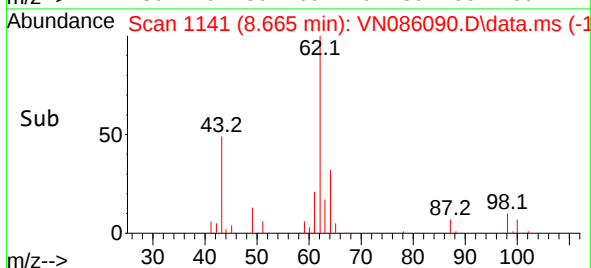
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

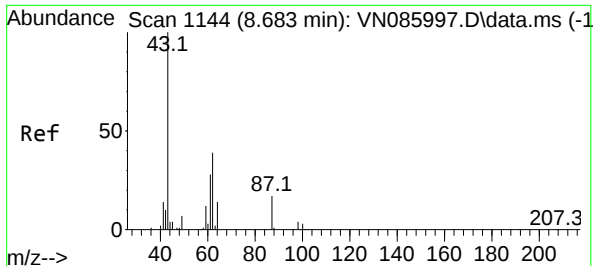


#42
1,2-Dichloroethane
Concen: 47.557 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



Tgt Ion: 62 Resp: 179900
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.6





#43

Isopropyl Acetate

Concen: 42.158 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 26653

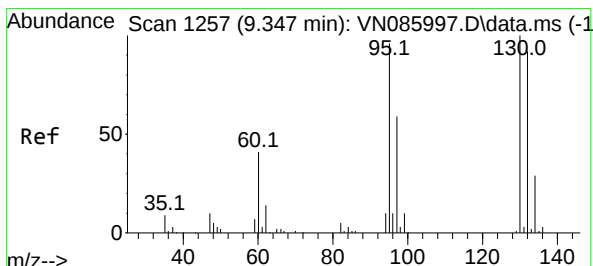
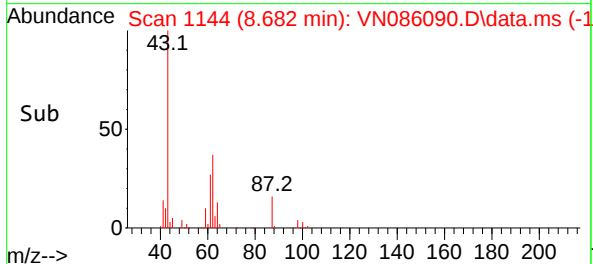
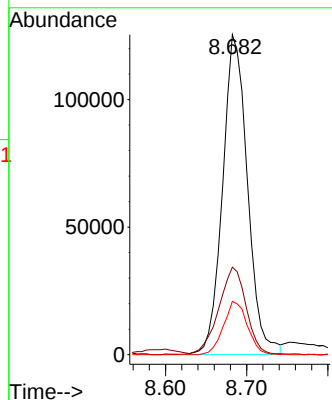
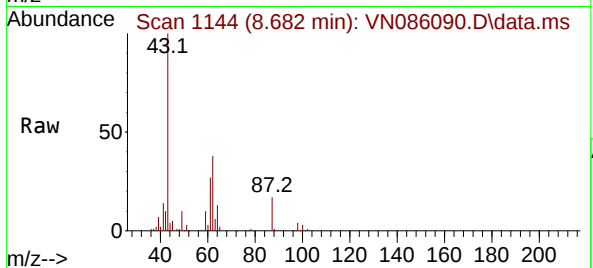
Ion	Ratio	Lower	Upper
43	100		
61	30.4	25.0	37.6
87	16.1	13.0	19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#44

Trichloroethene

Concen: 48.329 ug/l

RT: 9.347 min Scan# 1257

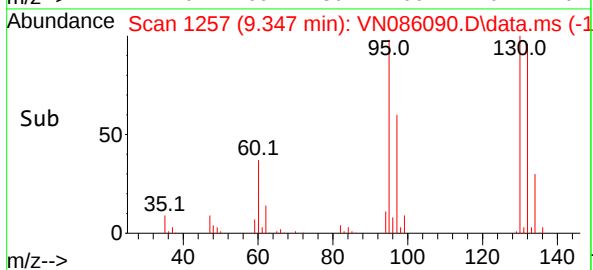
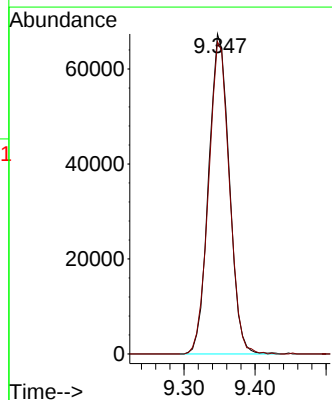
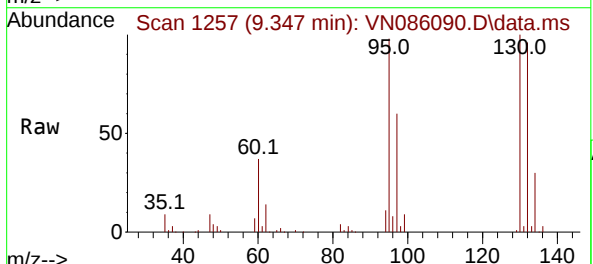
Delta R.T. -0.000 min

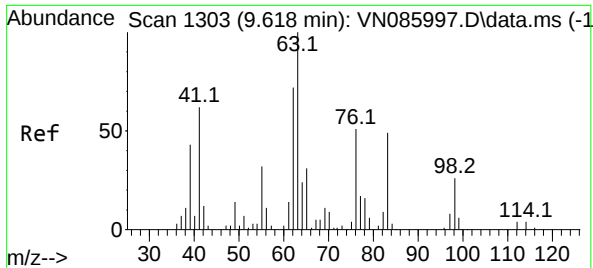
Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Tgt Ion:130 Resp: 135986

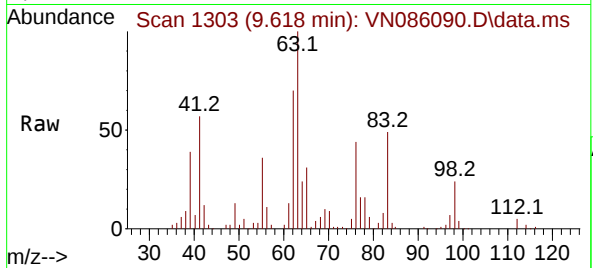
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	191.6





#45
1,2-Dichloropropane
Concen: 57.679 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

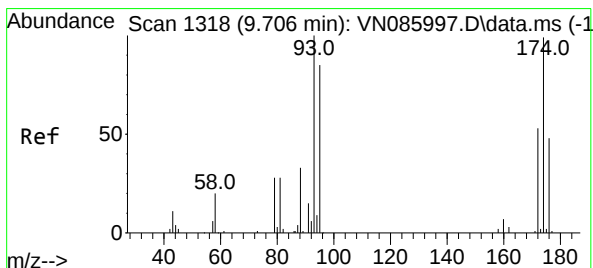
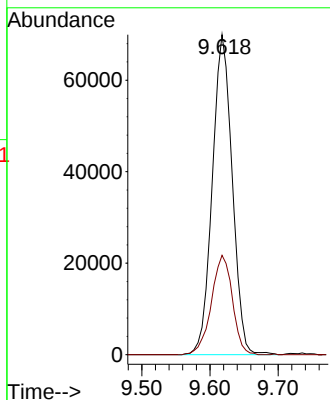
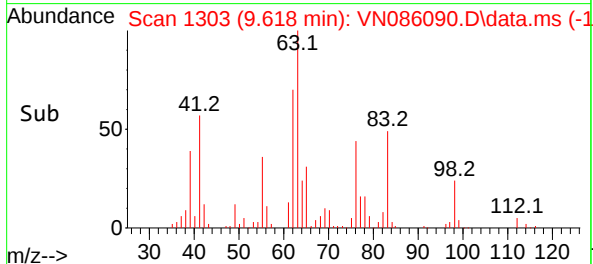
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



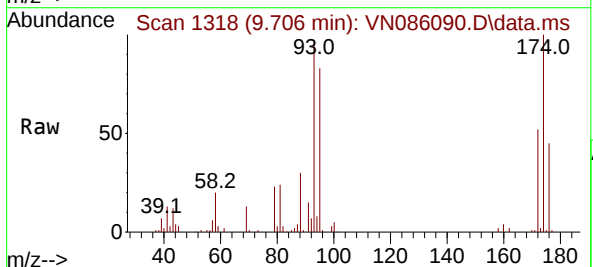
Tgt Ion: 63 Resp: 142424
Ion Ratio Lower Upper
63 100
65 31.1 24.7 37.1

Manual Integrations
APPROVED

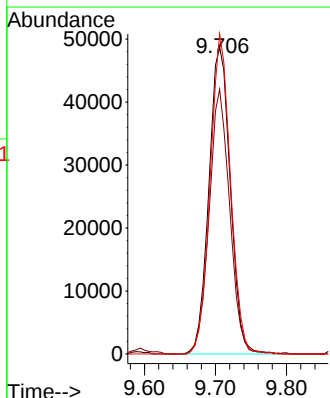
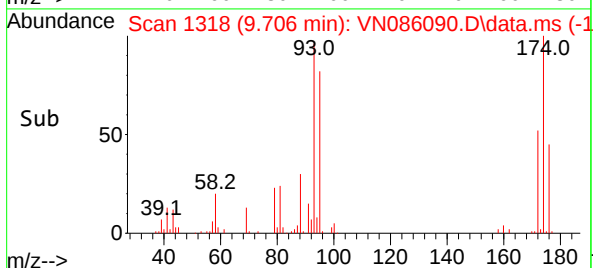
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

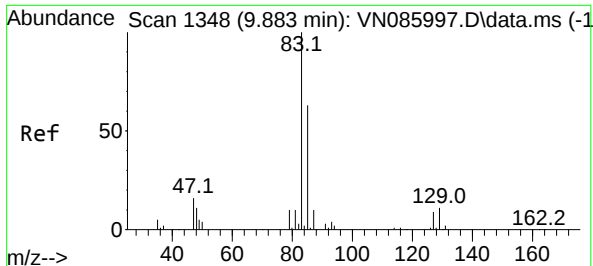


#46
Dibromomethane
Concen: 52.433 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



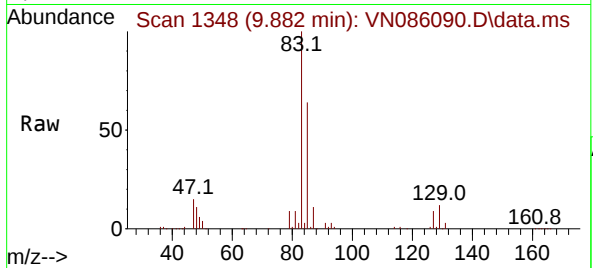
Tgt Ion: 93 Resp: 101819
Ion Ratio Lower Upper
93 100
95 82.9 66.2 99.2
174 99.2 80.1 120.1





#47
Bromodichloromethane
Concen: 51.821 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

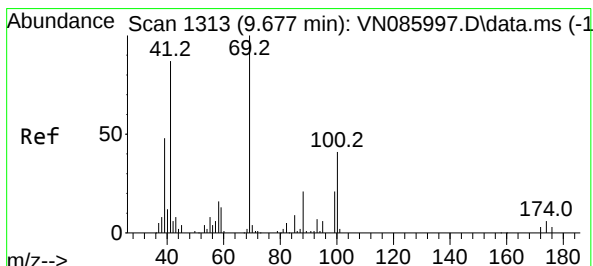
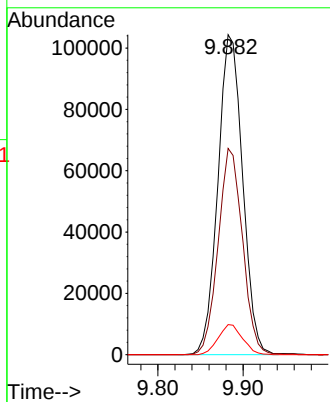
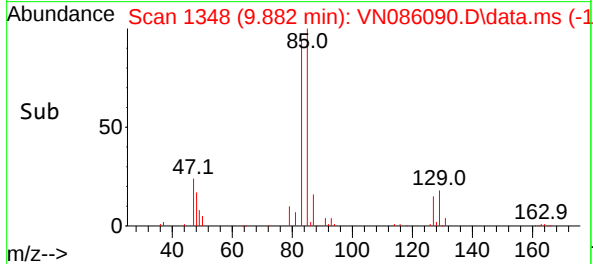
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



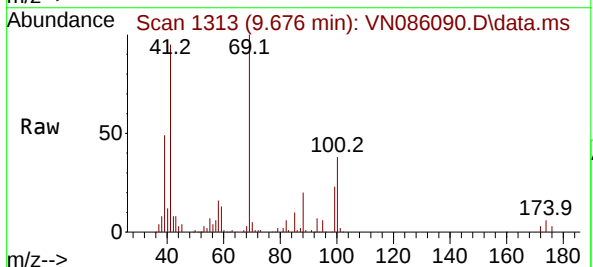
Tgt Ion: 83 Resp: 21031
Ion Ratio Lower Upper
83 100
85 64.4 50.2 75.2
127 9.4 7.1 10.7

Manual Integrations
APPROVED

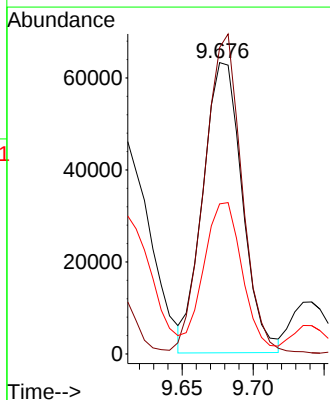
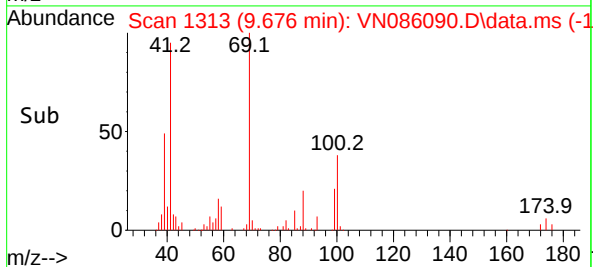
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

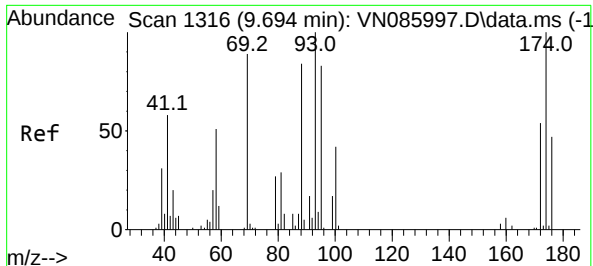


#48
Methyl methacrylate
Concen: 58.367 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



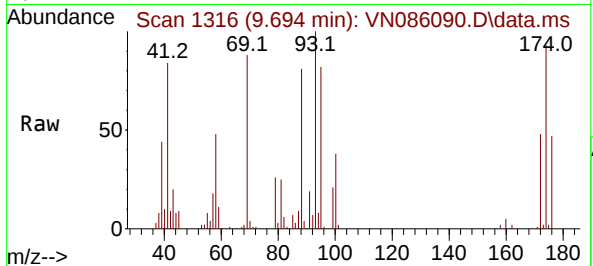
Tgt Ion: 41 Resp: 121770
Ion Ratio Lower Upper
41 100
69 104.8 83.1 124.7
39 52.0 45.6 68.4





#49
1,4-Dioxane
Concen: 1157.939 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

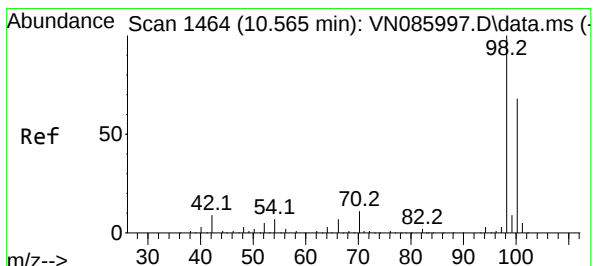
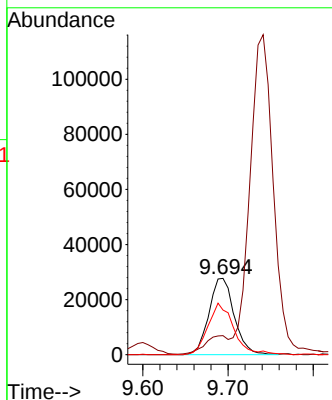
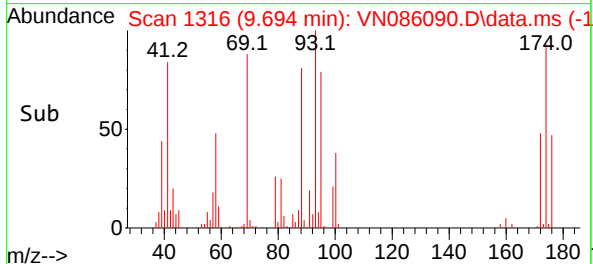
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 57108
Ion Ratio Lower Upper
88 100
43 22.1 21.7 32.5
58 69.2 50.4 75.6

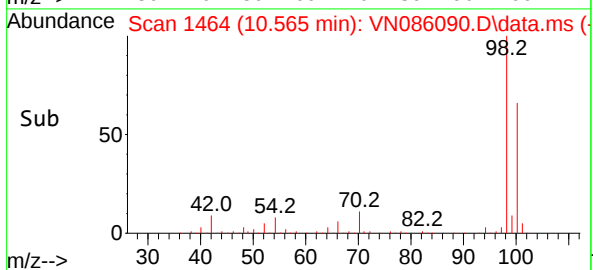
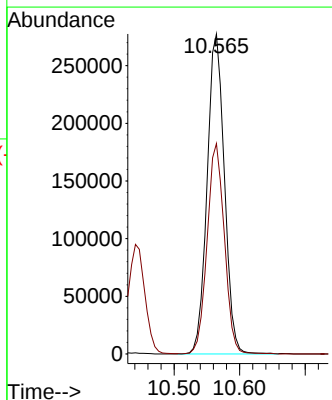
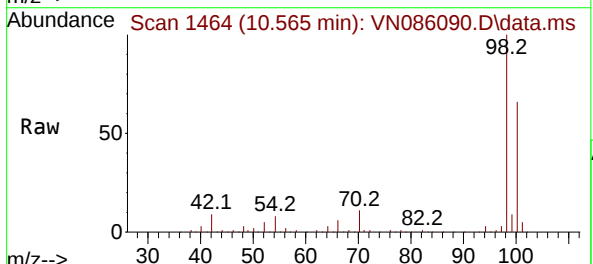
Manual Integrations
APPROVED

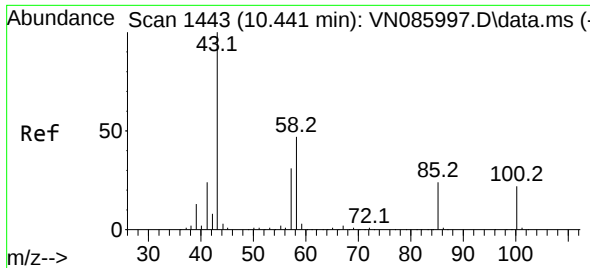
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#50
Toluene-d8
Concen: 53.276 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

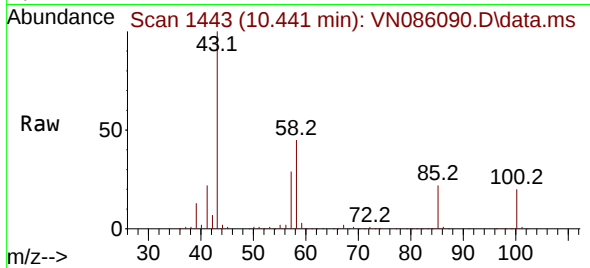
Tgt Ion: 98 Resp: 507830
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 306.218 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

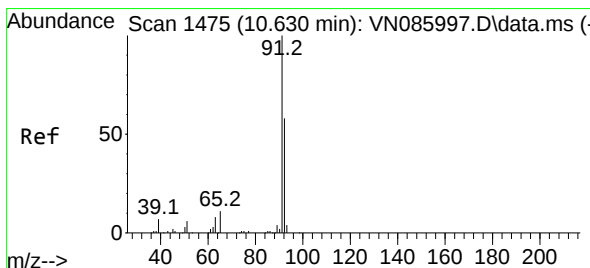
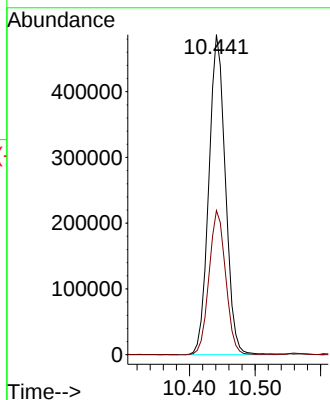
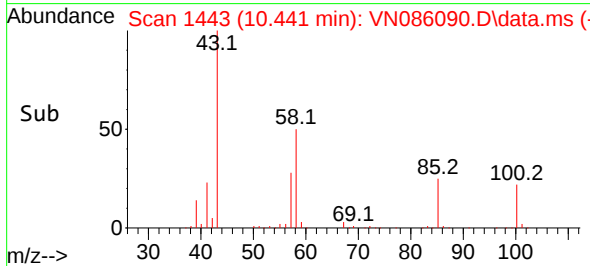
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 853814
Ion Ratio Lower Upper
43 100
58 45.3 37.4 56.0

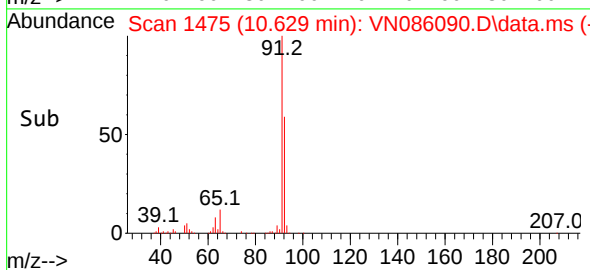
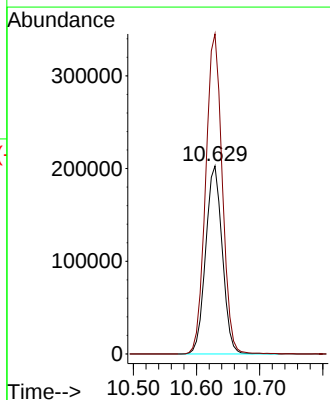
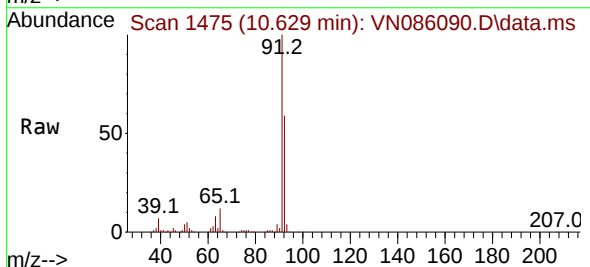
Manual Integrations
APPROVED

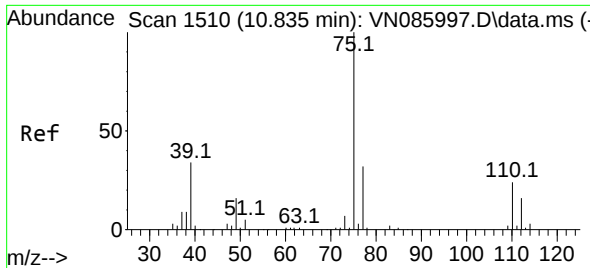
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#52
Toluene
Concen: 55.584 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

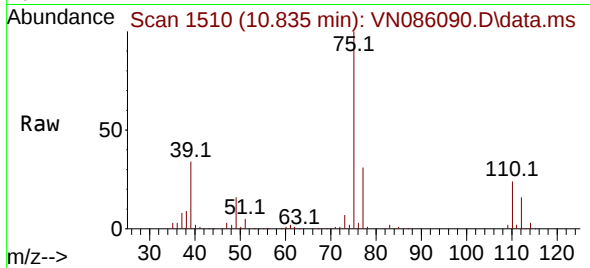
Tgt Ion: 92 Resp: 370364
Ion Ratio Lower Upper
92 100
91 169.8 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 53.995 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

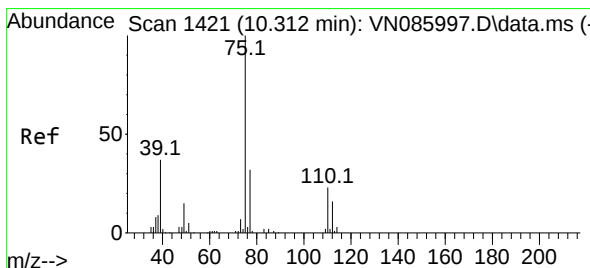
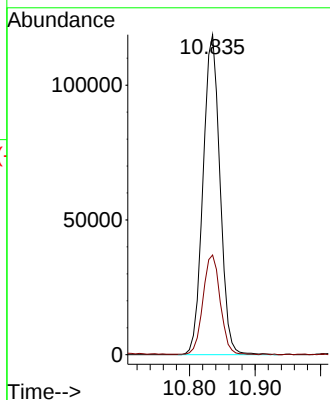
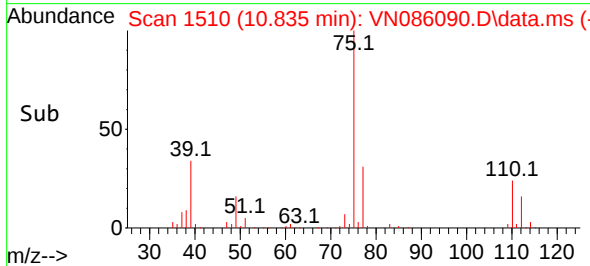
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



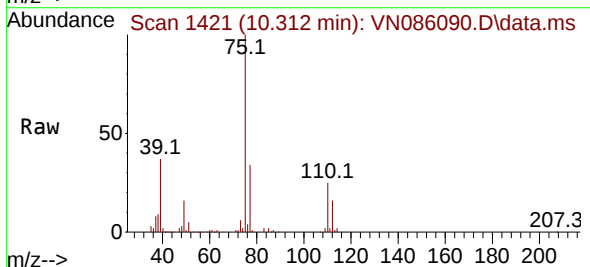
Tgt Ion: 75 Resp: 212820
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9

Manual Integrations
APPROVED

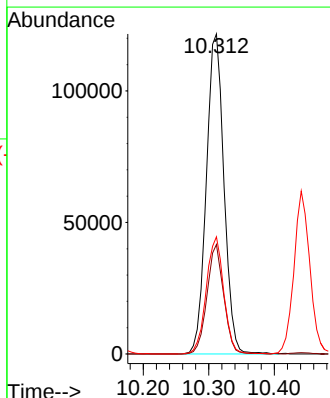
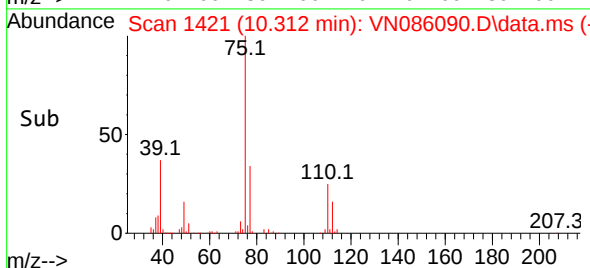
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

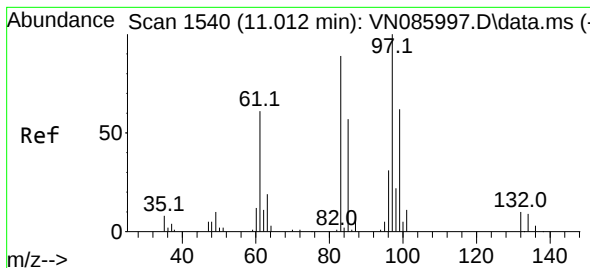


#54
cis-1,3-Dichloropropene
Concen: 54.634 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



Tgt Ion: 75 Resp: 227195
Ion Ratio Lower Upper
75 100
77 34.2 25.3 37.9
39 36.6 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 54.212 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 137870

Ion Ratio Lower Upper

97 100

83 84.0 71.2 106.8

85 55.2 45.4 68.0

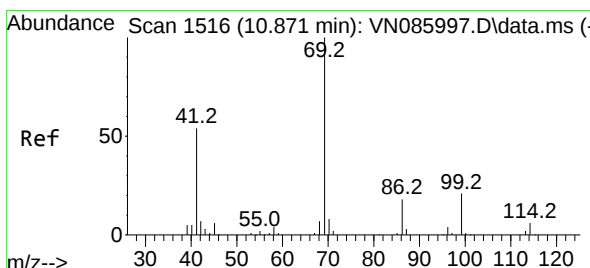
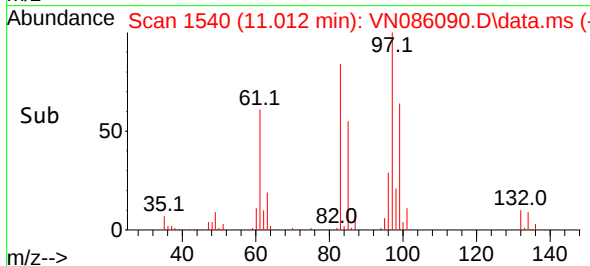
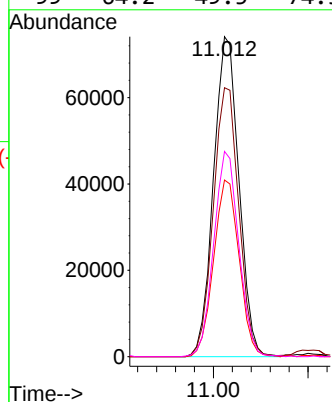
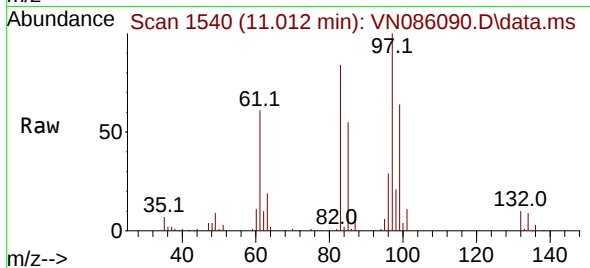
99 64.2 49.5 74.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#56

Ethyl methacrylate

Concen: 53.688 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.001 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

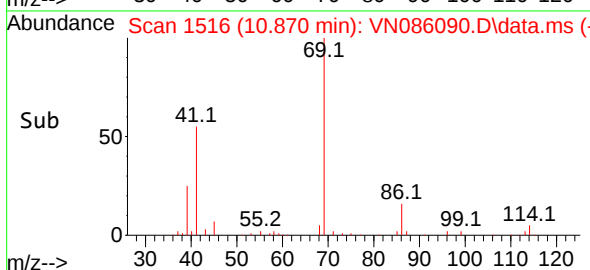
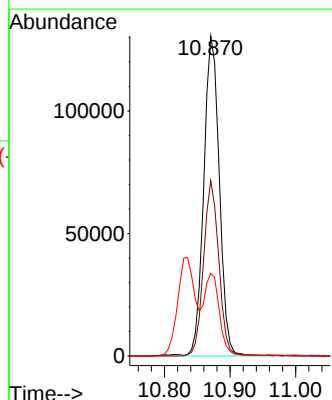
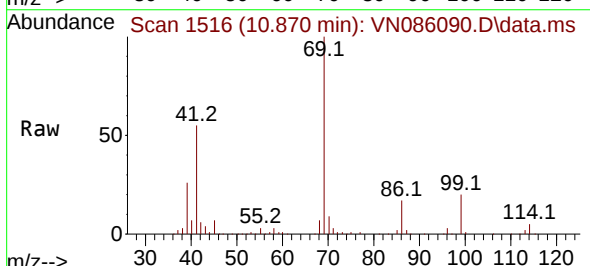
Tgt Ion: 69 Resp: 216154

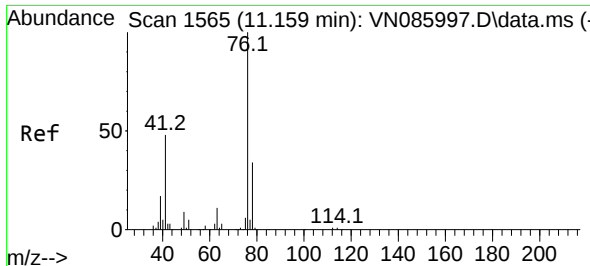
Ion Ratio Lower Upper

69 100

41 52.9 41.6 62.4

39 25.1 21.8 32.8





#57

1,3-Dichloropropane

Concen: 55.686 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 24053

Ion Ratio Lower Upper

76 100

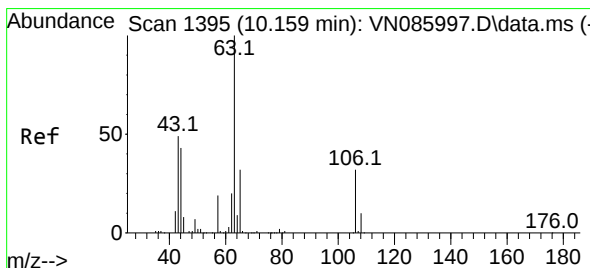
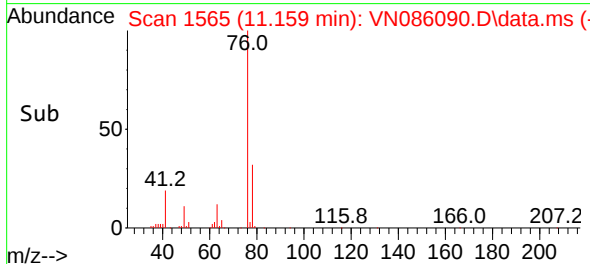
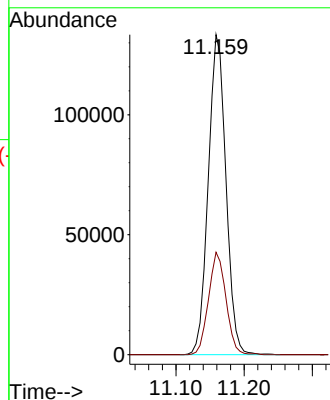
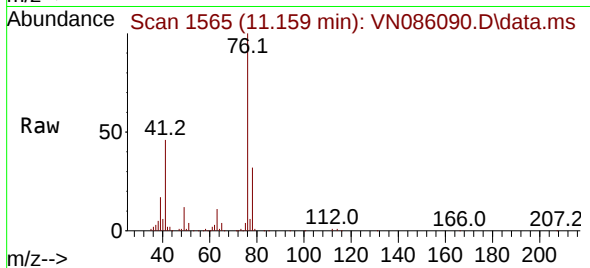
78 31.6 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 295.351 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086090.D

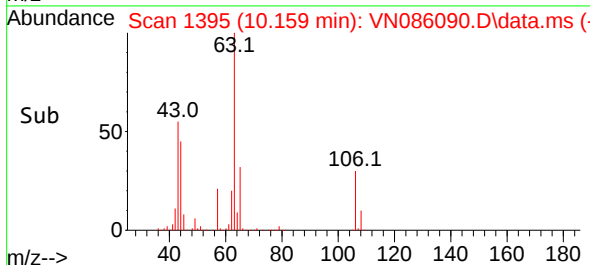
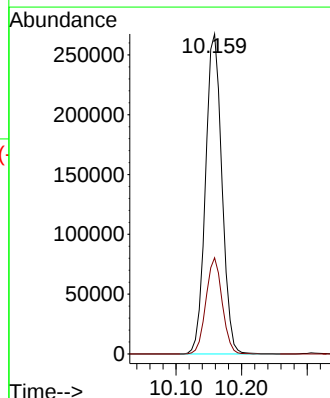
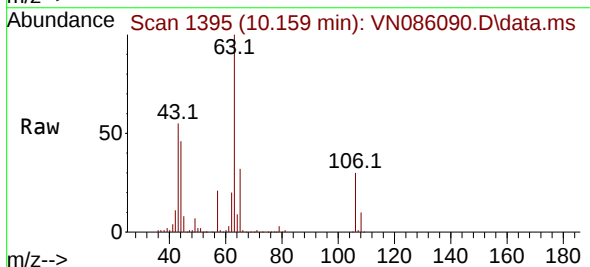
Acq: 25 Mar 2025 10:27

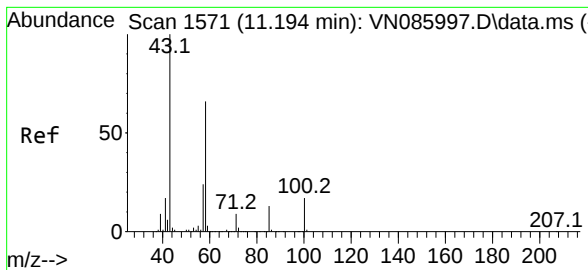
Tgt Ion: 63 Resp: 465473

Ion Ratio Lower Upper

63 100

106 29.7 25.0 37.6





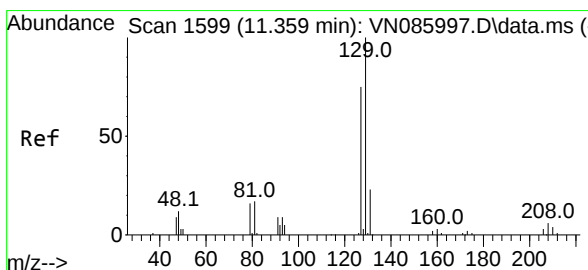
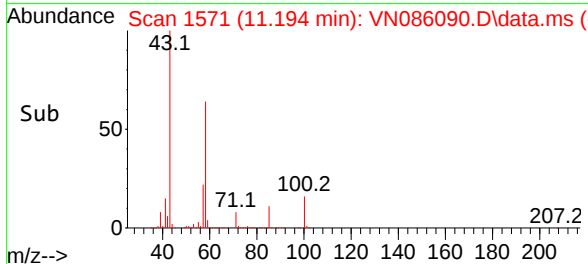
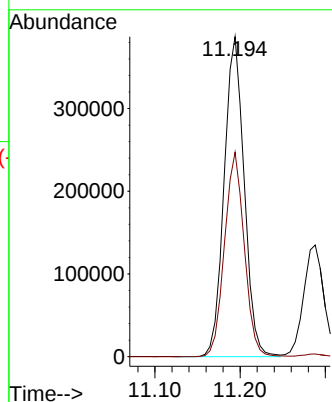
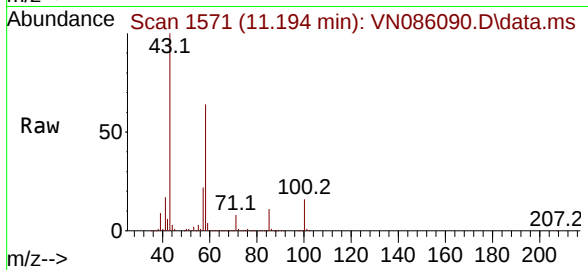
#59
2-Hexanone
Concen: 311.121 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 63195
Ion Ratio Lower Upper
43 100
58 63.0 32.4 97.2

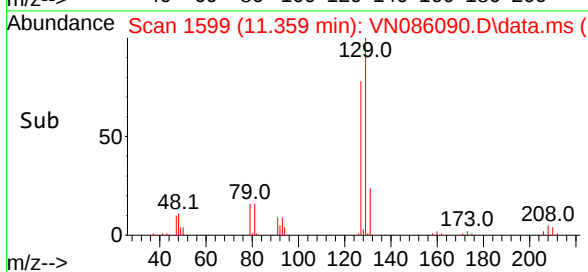
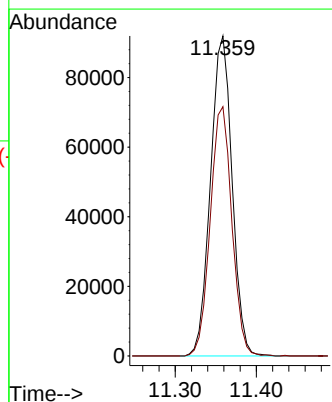
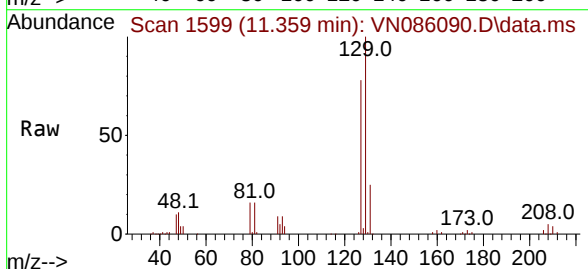
Manual Integrations
APPROVED

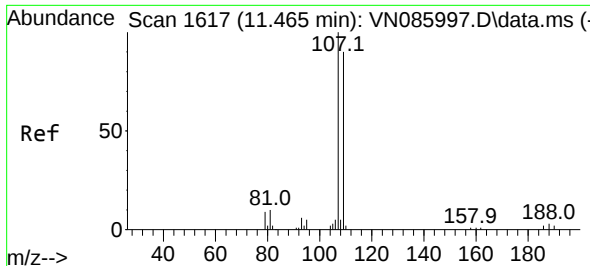
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#60
Dibromochloromethane
Concen: 51.820 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

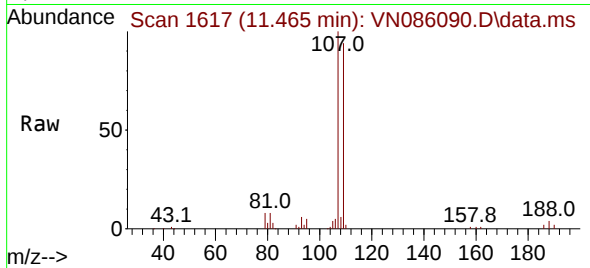
Tgt Ion:129 Resp: 170058
Ion Ratio Lower Upper
129 100
127 77.8 37.8 113.4





#61
1,2-Dibromoethane
Concen: 53.039 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

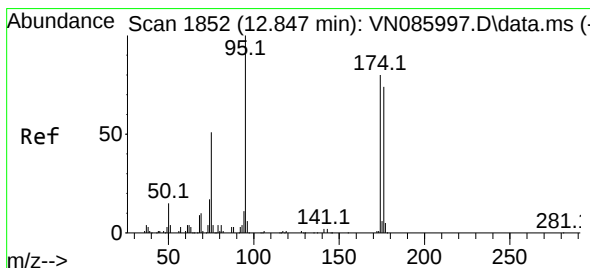
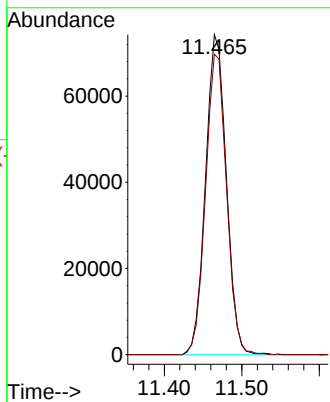
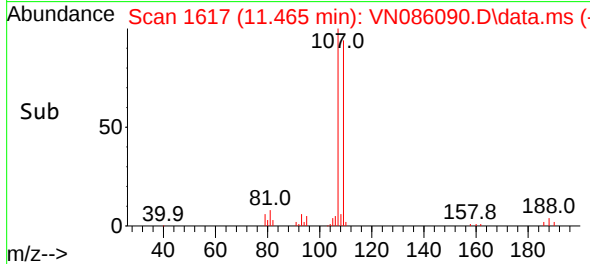
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



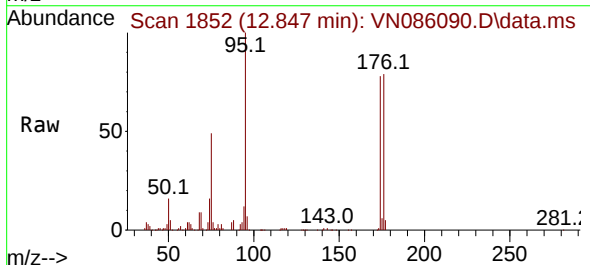
Tgt Ion:107 Resp: 138476
Ion Ratio Lower Upper
107 100
109 94.6 73.3 109.9

Manual Integrations
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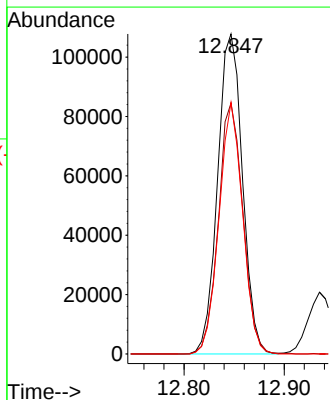
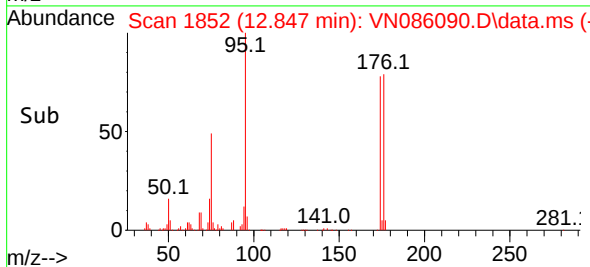
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

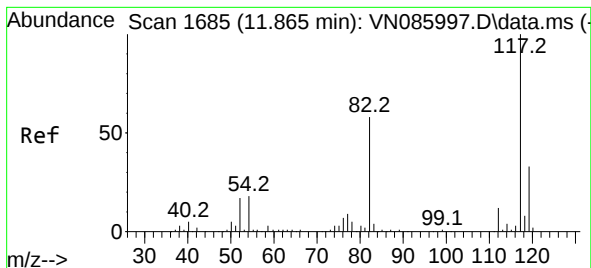


#62
4-Bromofluorobenzene
Concen: 54.434 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



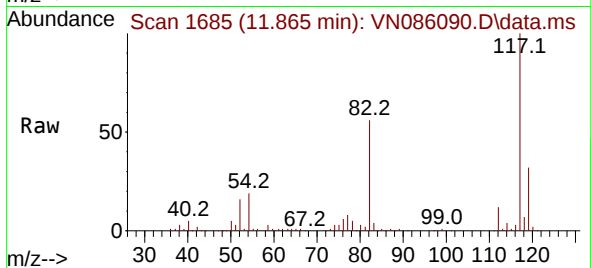
Tgt Ion: 95 Resp: 185042
Ion Ratio Lower Upper
95 100
174 77.5 0.0 156.8
176 74.8 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

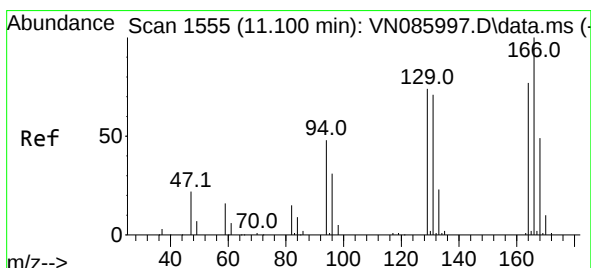
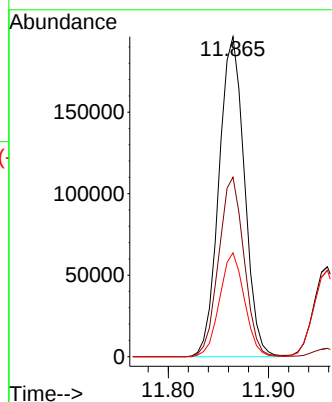
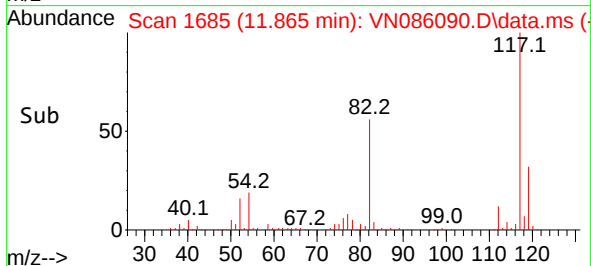
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



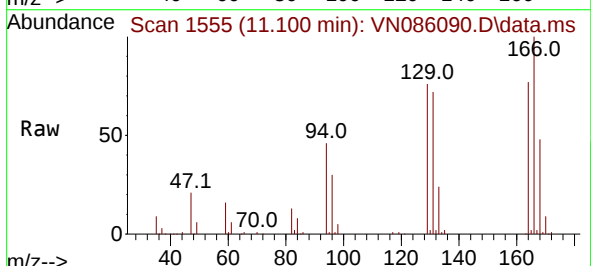
Tgt Ion:117 Resp: 346115
Ion Ratio Lower Upper
117 100
82 56.1 46.7 70.1
119 32.5 26.5 39.7

Manual Integrations
APPROVED

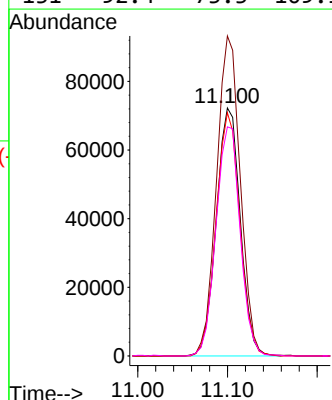
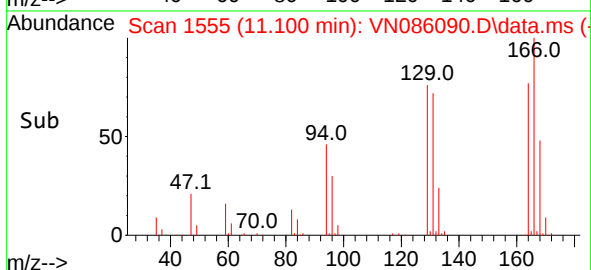
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

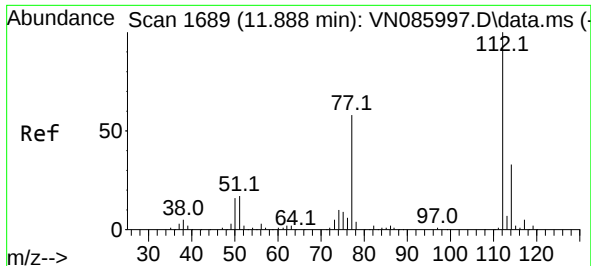


#64
Tetrachloroethene
Concen: 48.460 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



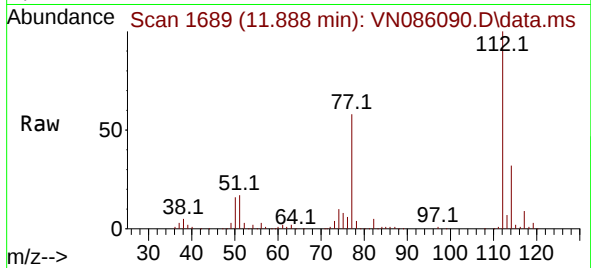
Tgt Ion:164 Resp: 133798
Ion Ratio Lower Upper
164 100
166 129.1 103.7 155.5
129 98.1 77.1 115.7
131 92.4 73.3 109.9





#65
Chlorobenzene
Concen: 50.163 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

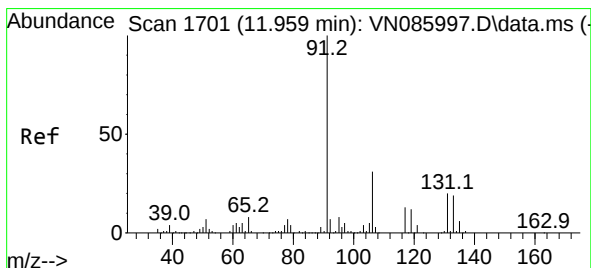
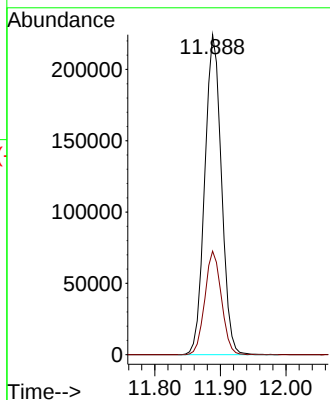
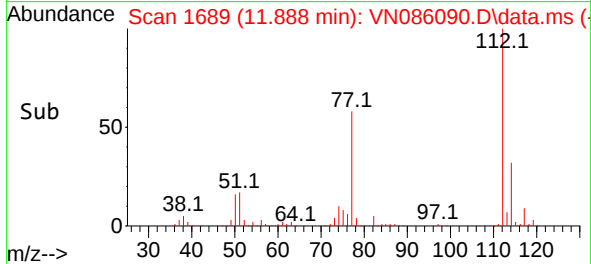
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 397294
Ion Ratio Lower Upper
112 100
114 32.3 26.3 39.5

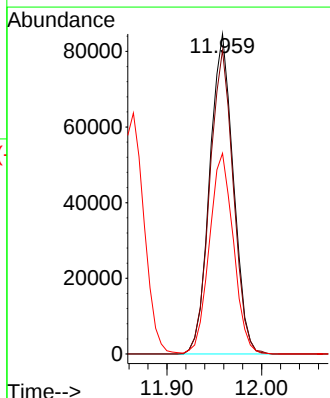
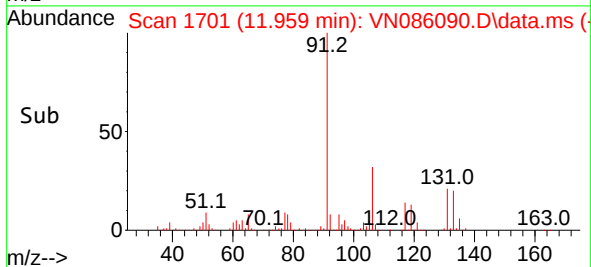
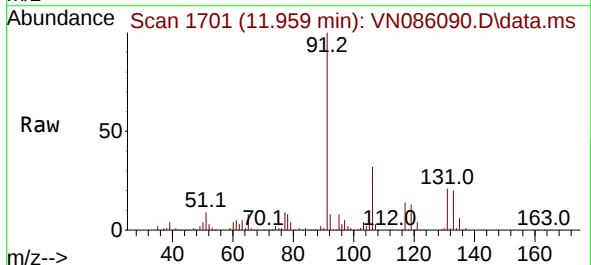
Manual Integrations
APPROVED

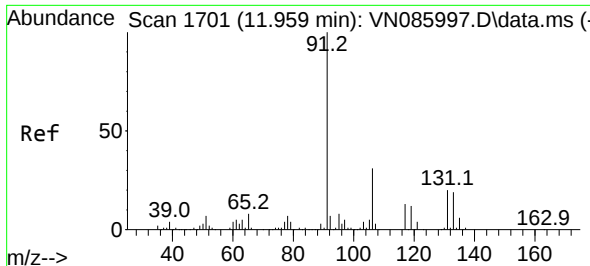
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.783 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Tgt Ion:131 Resp: 146568
Ion Ratio Lower Upper
131 100
133 95.0 47.0 141.0
119 63.7 31.4 94.0





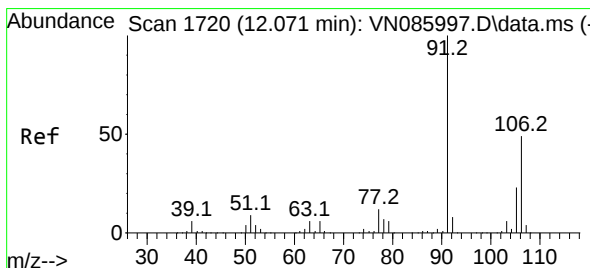
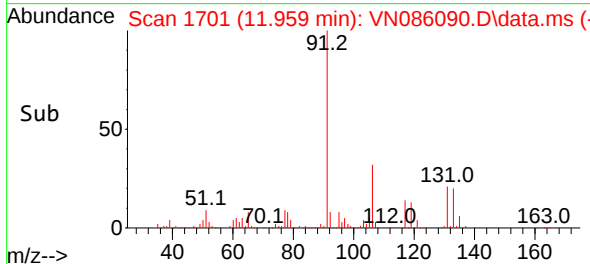
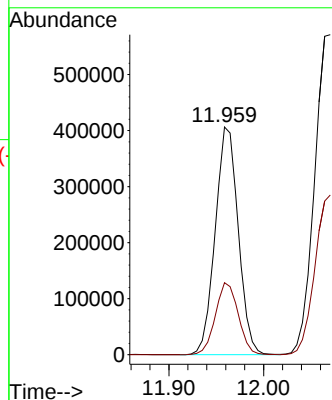
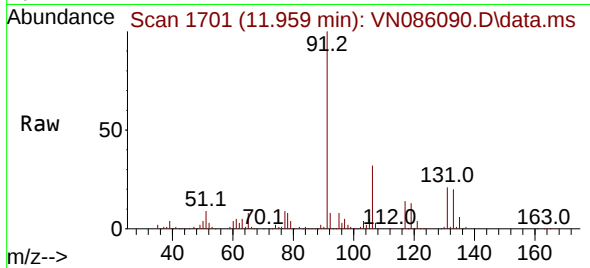
#67
Ethyl Benzene
Concen: 54.241 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 68718
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

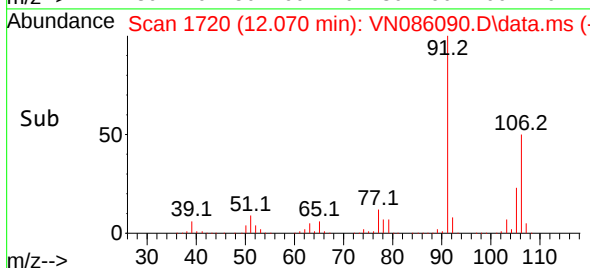
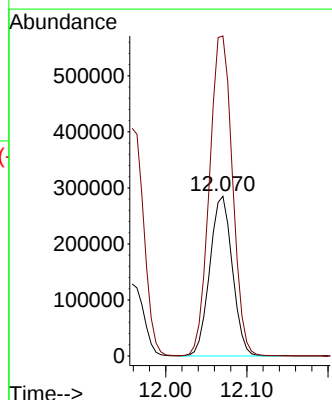
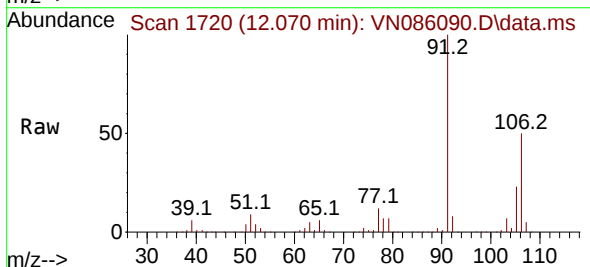
Manual Integrations
APPROVED

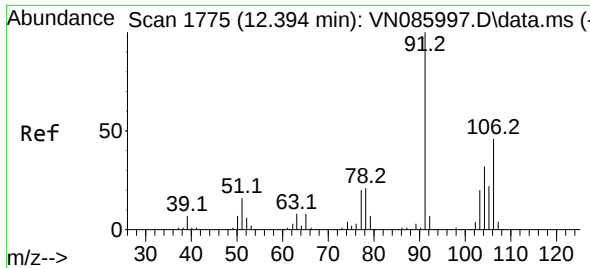
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#68
m/p-Xylenes
Concen: 110.388 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Tgt Ion:106 Resp: 549680
Ion Ratio Lower Upper
106 100
91 204.9 163.9 245.9





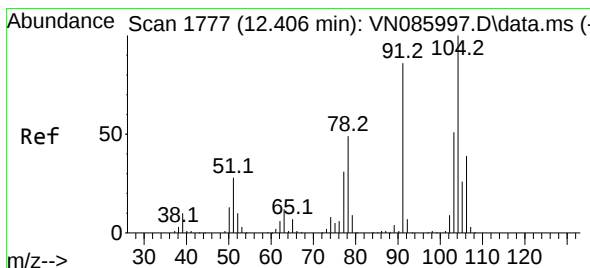
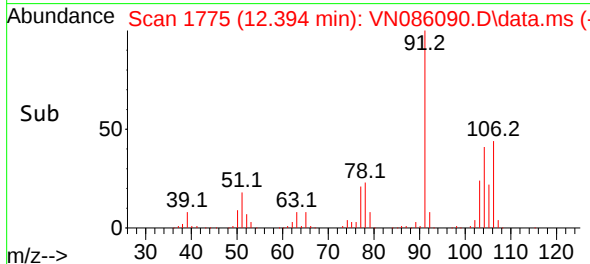
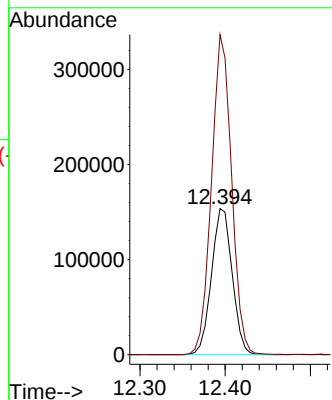
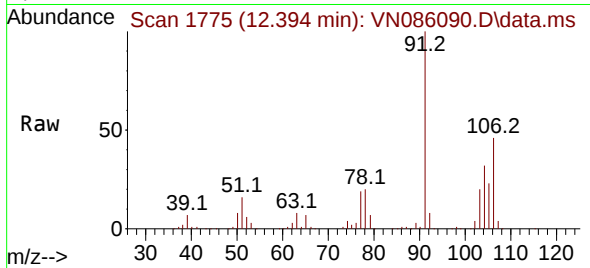
#69
o-Xylene
Concen: 56.737 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 25930
Ion Ratio Lower Upper
106 100
91 212.9 109.1 327.2

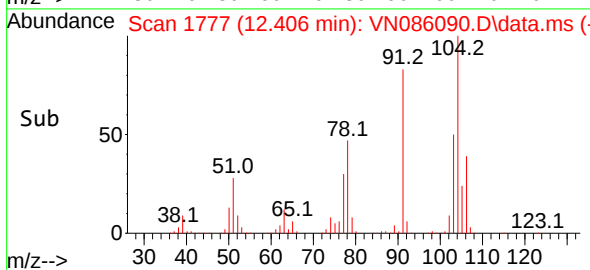
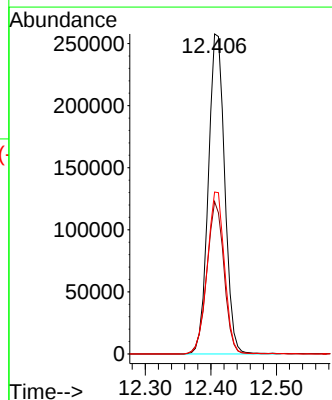
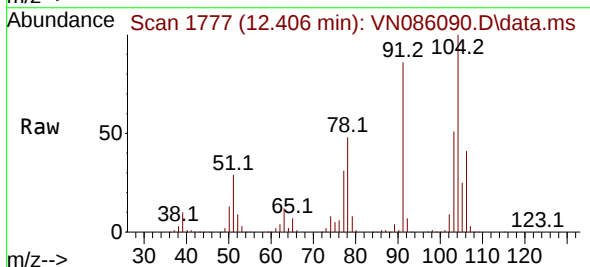
Manual Integrations
APPROVED

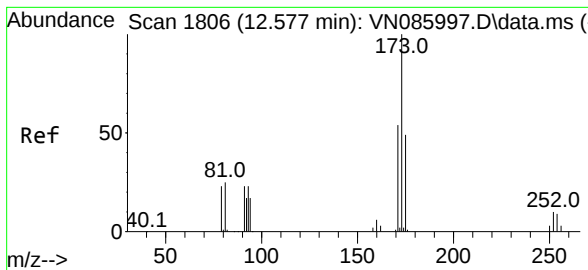
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#70
Styrene
Concen: 57.555 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

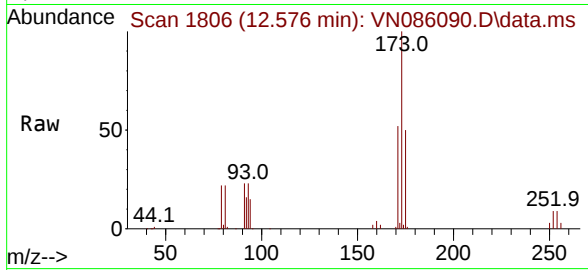
Tgt Ion:104 Resp: 449282
Ion Ratio Lower Upper
104 100
78 49.4 41.4 62.2
103 53.5 42.9 64.3





#71
Bromoform
Concen: 49.161 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

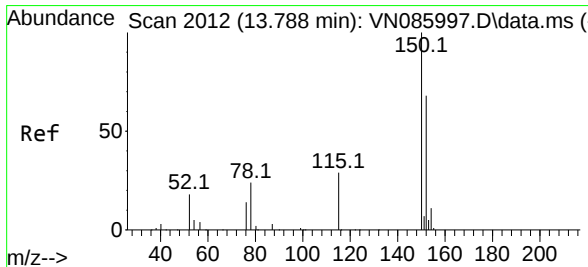
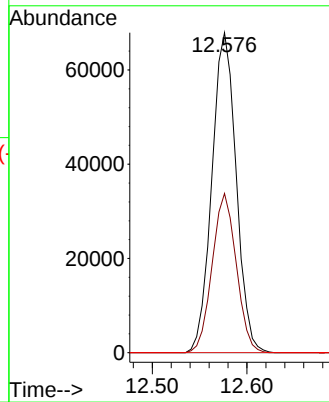
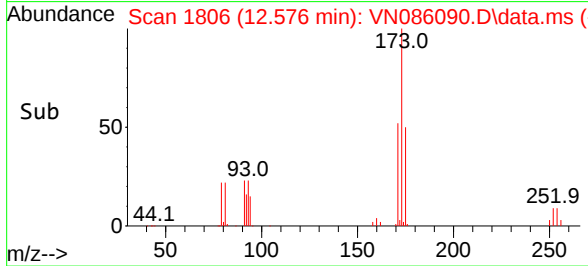
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



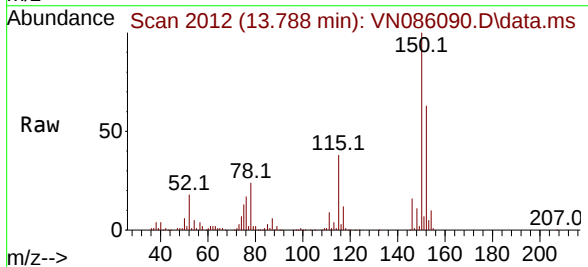
Tgt Ion:173 Resp: 120998
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

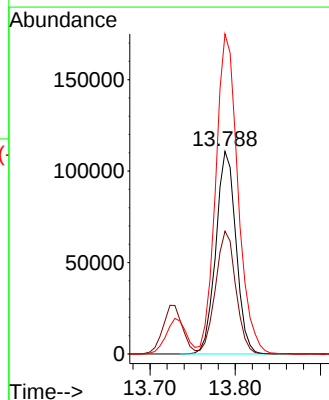
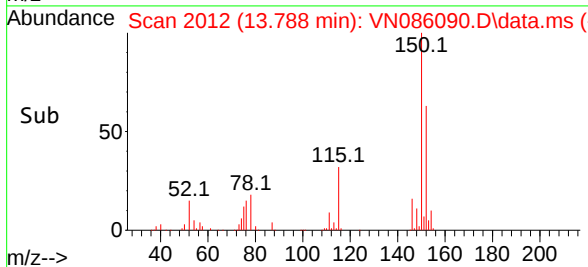
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

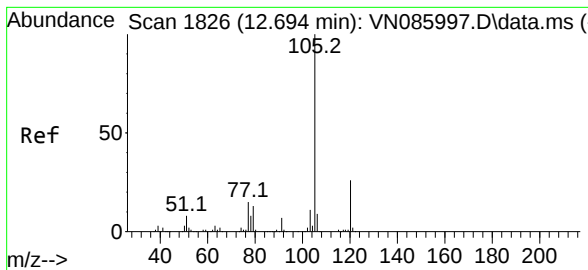


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



Tgt Ion:152 Resp: 181838
Ion Ratio Lower Upper
152 100
115 61.5 31.1 93.2
150 174.6 0.0 359.6





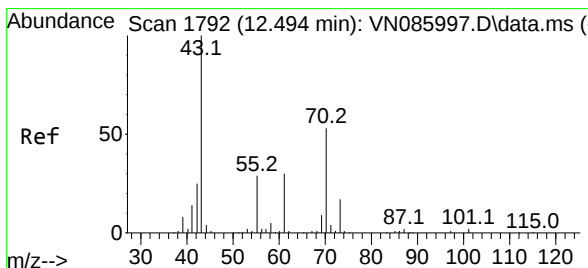
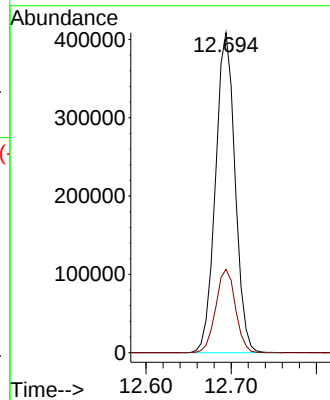
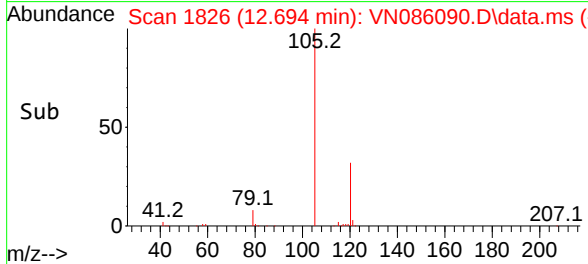
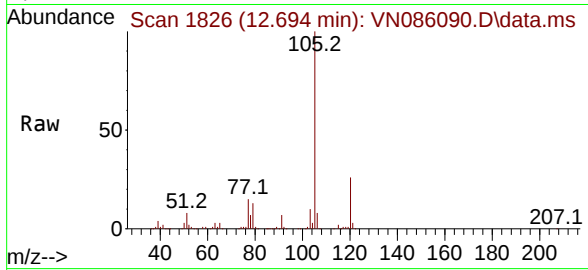
#73
Isopropylbenzene
Concen: 52.382 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 65044
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

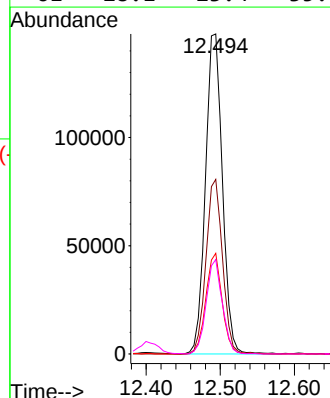
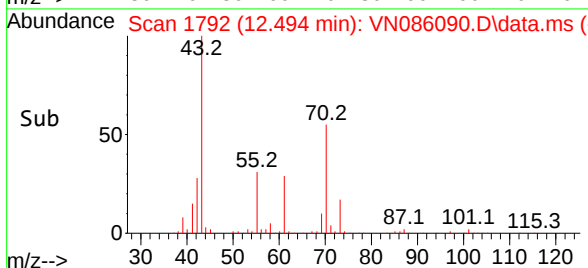
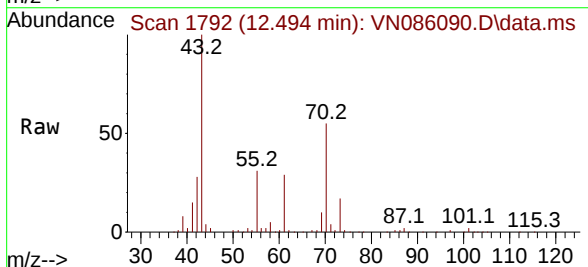
Manual Integrations
APPROVED

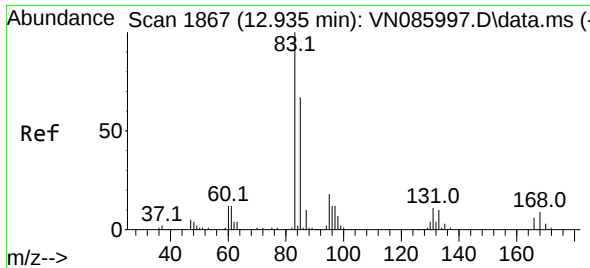
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#74
N-ethyl acetate
Concen: 56.602 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

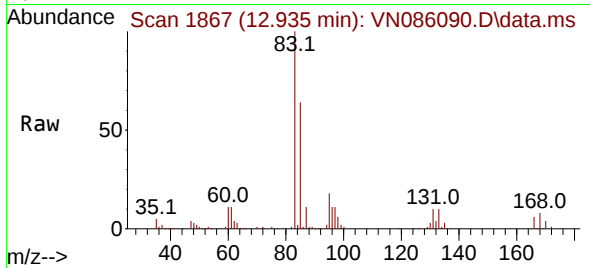
Tgt Ion: 43 Resp: 235151
Ion Ratio Lower Upper
43 100
70 53.2 43.0 64.4
55 30.3 23.8 35.8
61 28.1 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 48.828 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

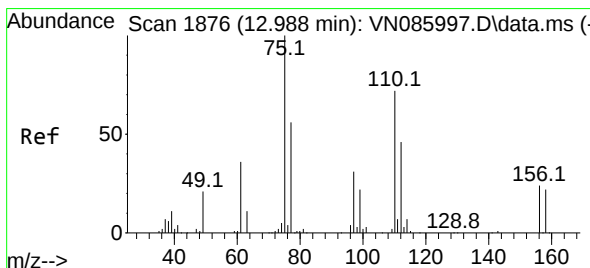
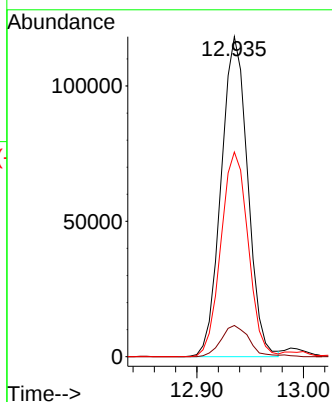
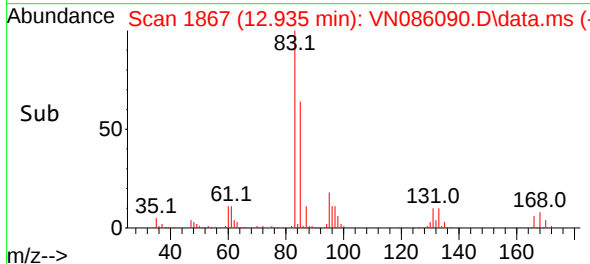
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 20512
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.5
85 65.4 32.6 97.8

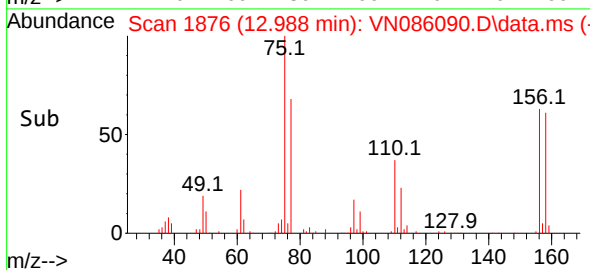
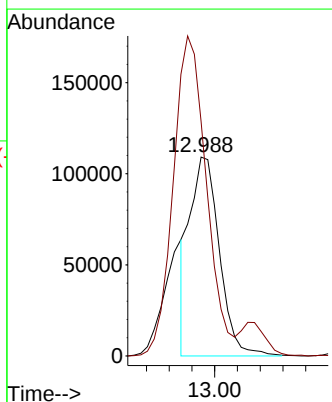
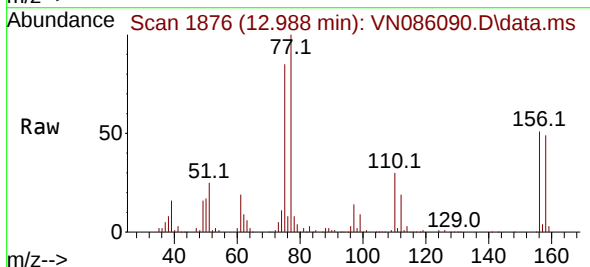
Manual Integrations
APPROVED

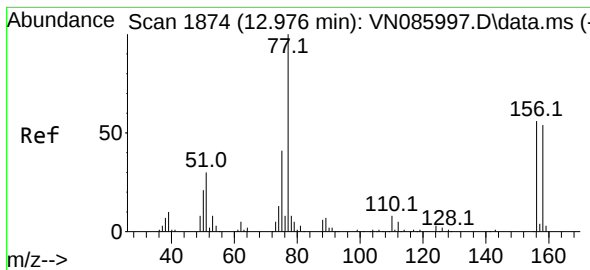
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#76
1,2,3-Trichloropropane
Concen: 48.579 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Tgt Ion: 75 Resp: 197766
Ion Ratio Lower Upper
75 100
77 179.6 83.7 251.0





#77

Bromobenzene

Concen: 48.584 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

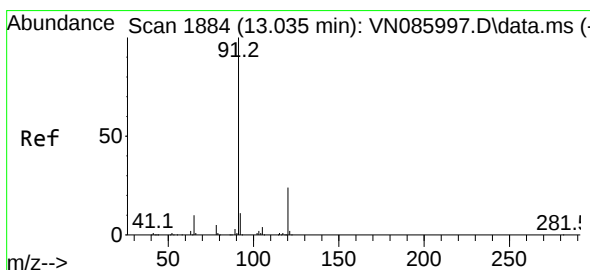
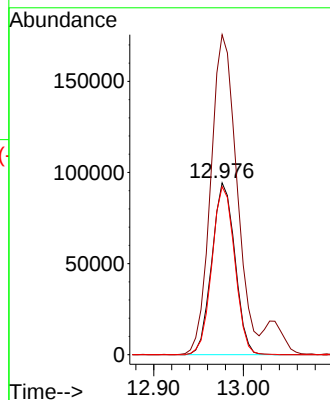
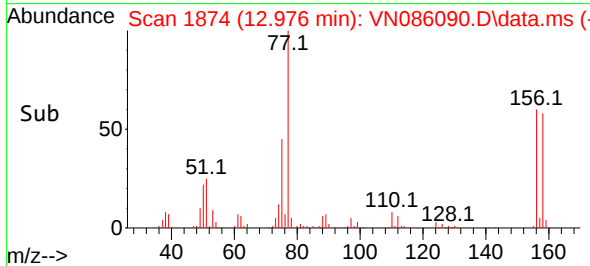
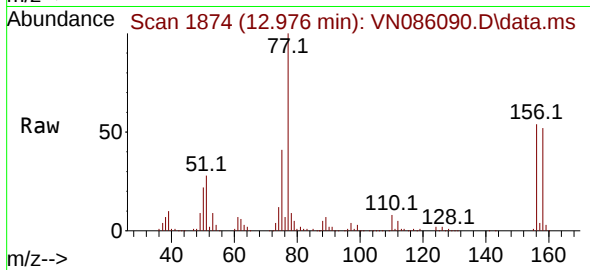
Tgt Ion:156 Resp: 168220
 Ion Ratio Lower Upper
 156 100
 77 211.1 104.1 312.3
 158 96.6 49.0 147.0

Manual Integrations

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Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#78

n-propylbenzene

Concen: 54.458 ug/l

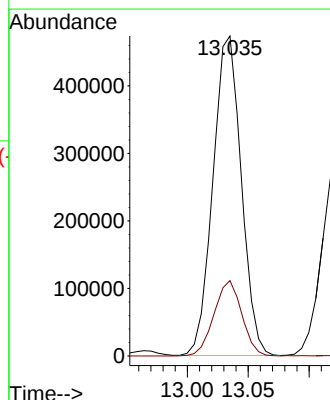
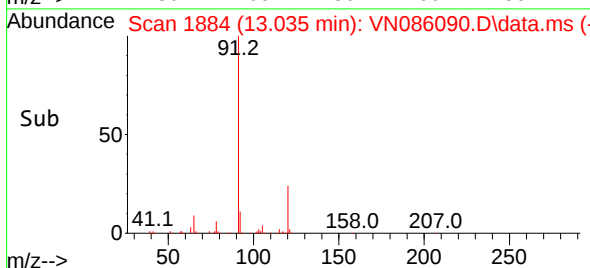
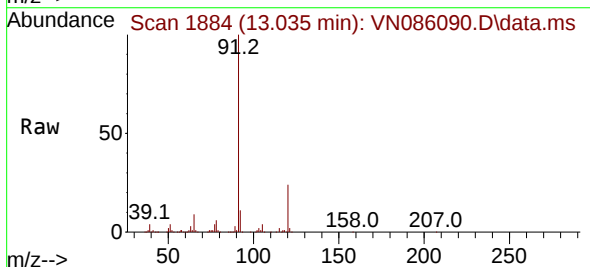
RT: 13.035 min Scan# 1884

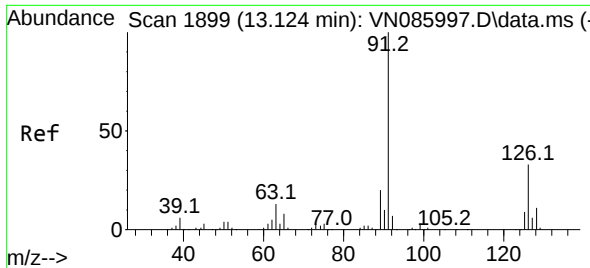
Delta R.T. -0.000 min

Lab File: VN086090.D

Acq: 25 Mar 2025 10:27

Tgt Ion: 91 Resp: 765735
 Ion Ratio Lower Upper
 91 100
 120 23.1 11.7 35.0





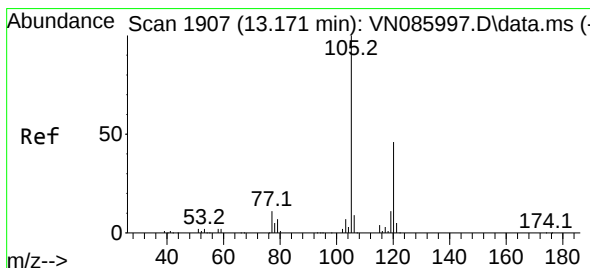
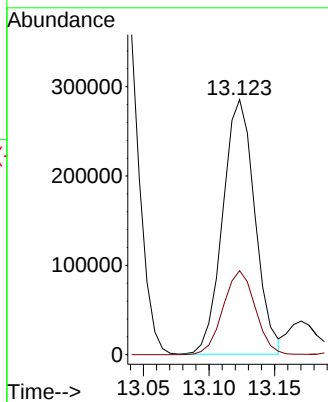
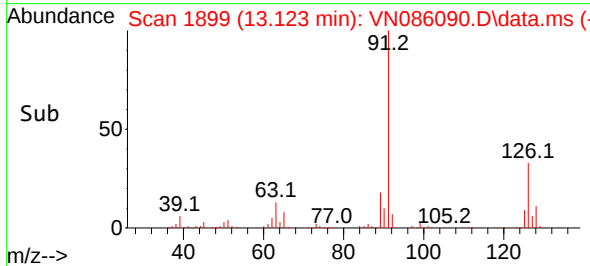
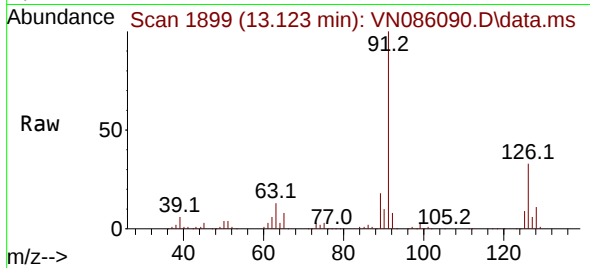
#79
2-Chlorotoluene
Concen: 52.155 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 487099
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2

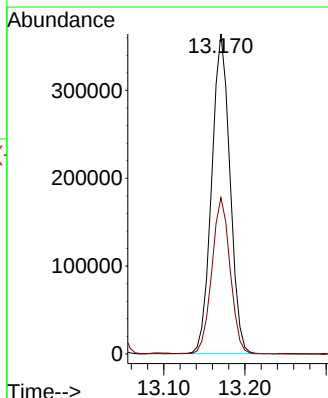
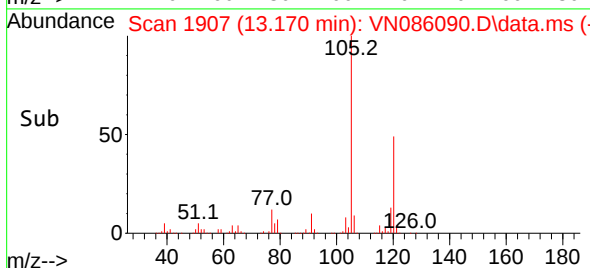
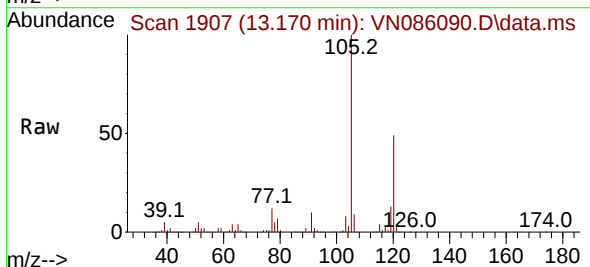
Manual Integrations
APPROVED

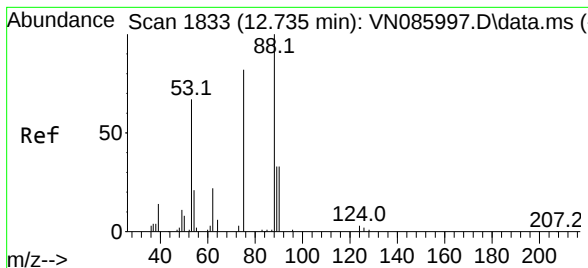
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.245 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

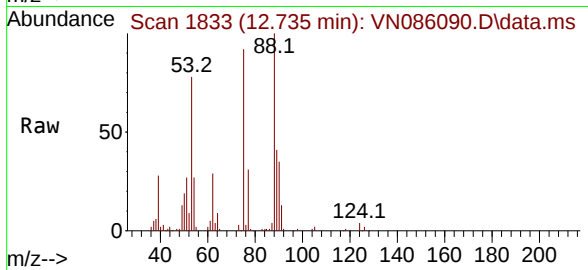
Tgt Ion:105 Resp: 568702
Ion Ratio Lower Upper
105 100
120 48.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 50.200 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

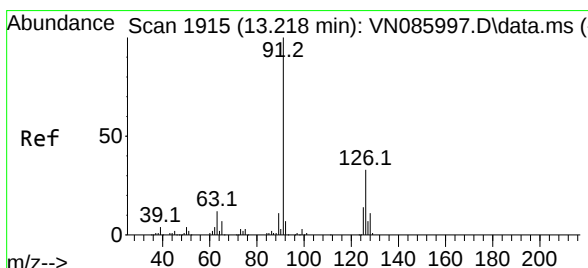
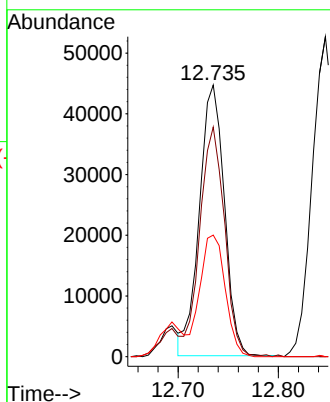
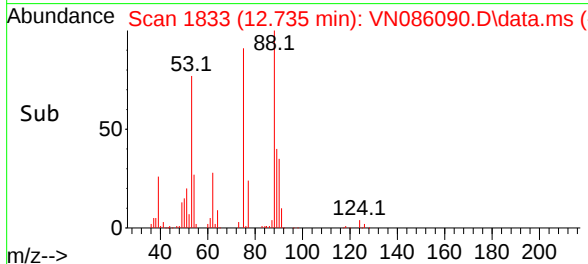
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 77298
Ion Ratio Lower Upper
75 100
53 83.2 66.0 99.0
89 46.3 36.9 55.3

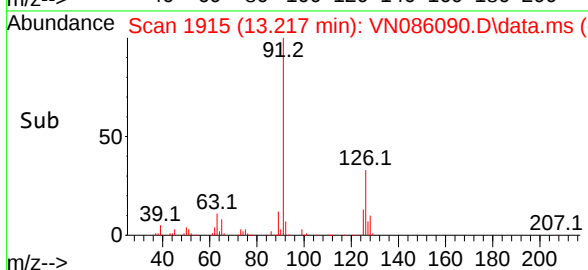
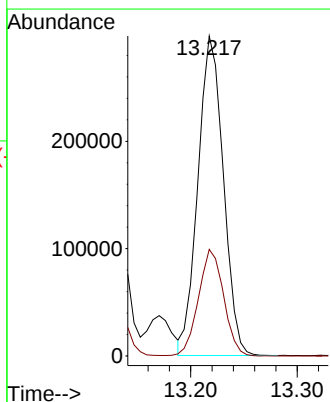
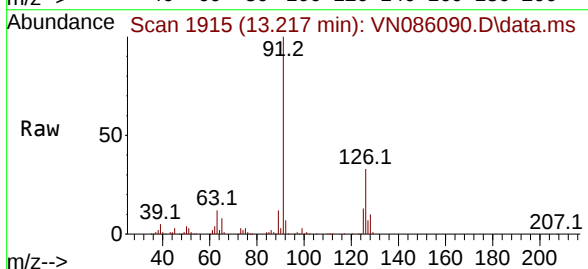
Manual Integrations
APPROVED

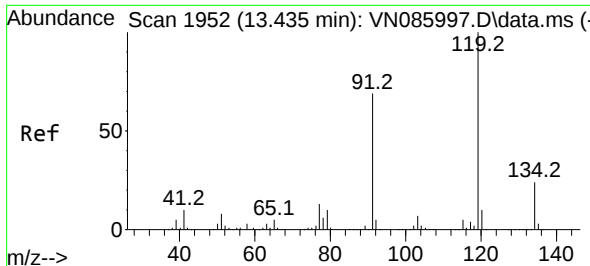
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#82
4-Chlorotoluene
Concen: 51.460 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

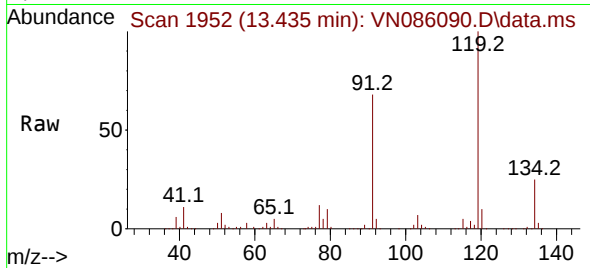
Tgt Ion: 91 Resp: 494232
Ion Ratio Lower Upper
91 100
126 33.1 16.1 48.2





#83
tert-Butylbenzene
Concen: 50.703 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

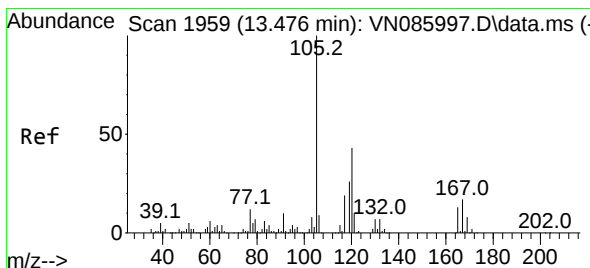
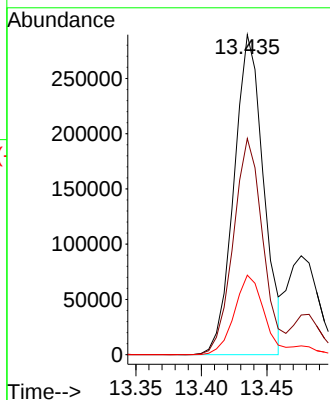
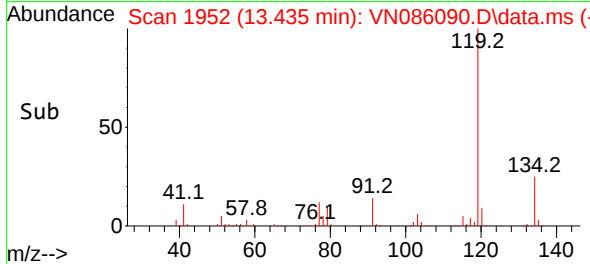
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



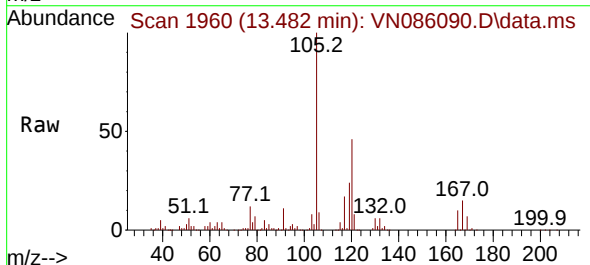
Tgt Ion:119 Resp: 454624
Ion Ratio Lower Upper
119 100
91 68.1 34.3 102.9
134 27.1 13.5 40.5

Manual Integrations
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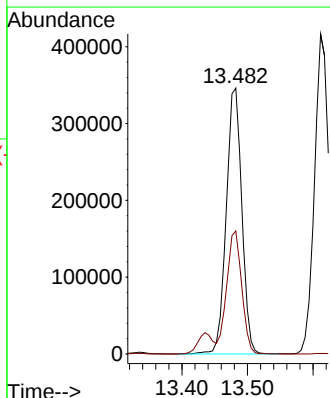
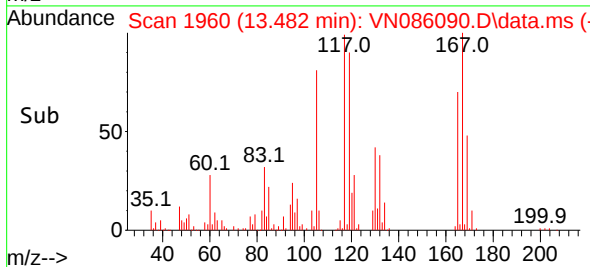
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

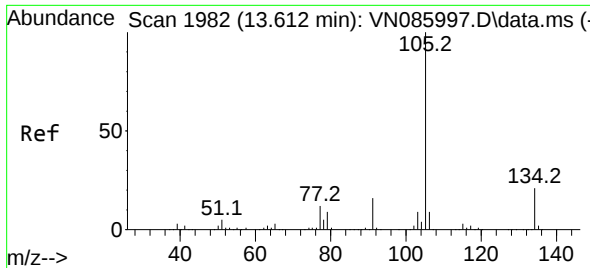


#84
1,2,4-Trimethylbenzene
Concen: 53.922 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



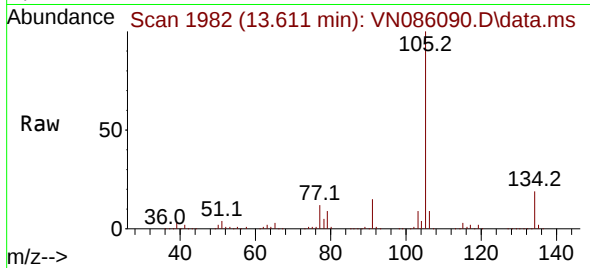
Tgt Ion:105 Resp: 570180
Ion Ratio Lower Upper
105 100
120 44.8 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 55.426 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27

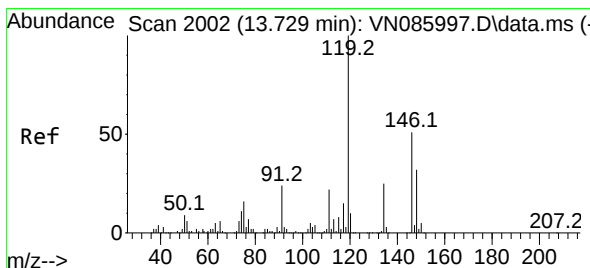
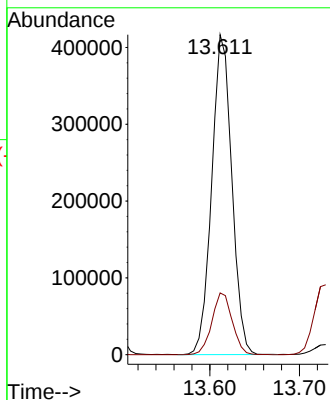
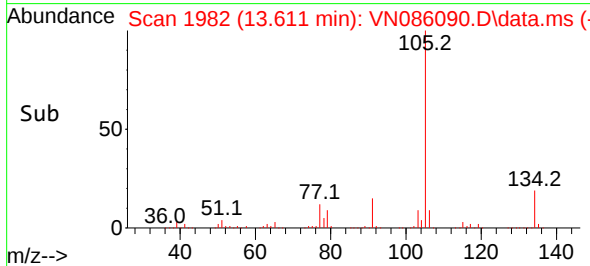
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



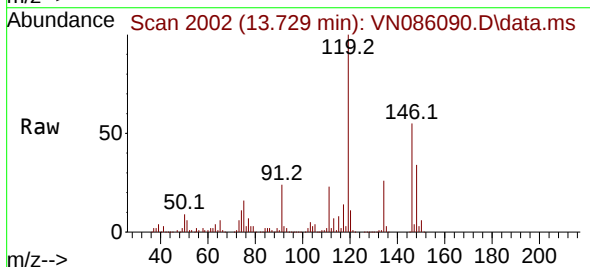
Tgt Ion:105 Resp: 64832
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1

Manual Integrations
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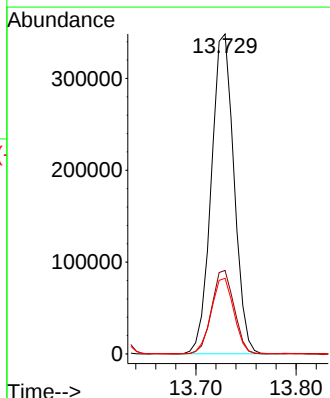
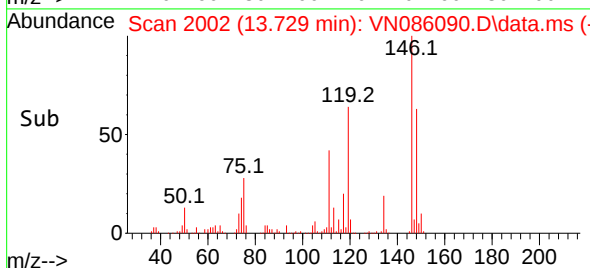
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

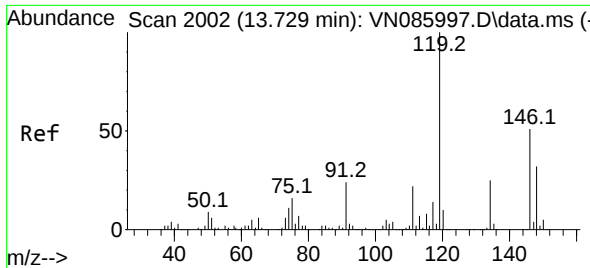


#86
 p-Isopropyltoluene
 Concen: 55.360 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27



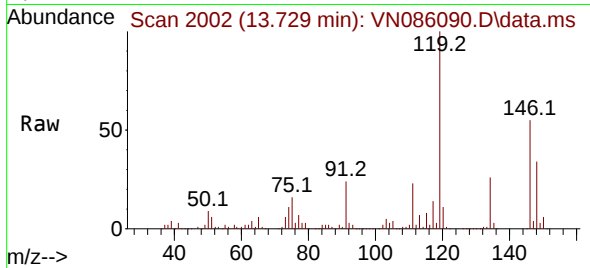
Tgt Ion:119 Resp: 548158
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 23.5 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 50.271 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27

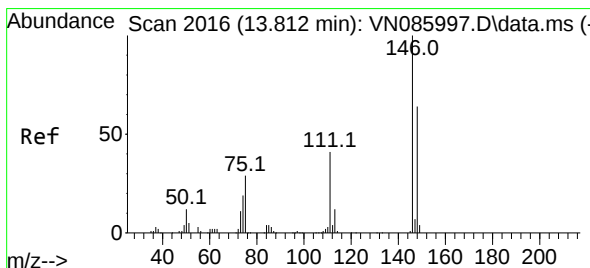
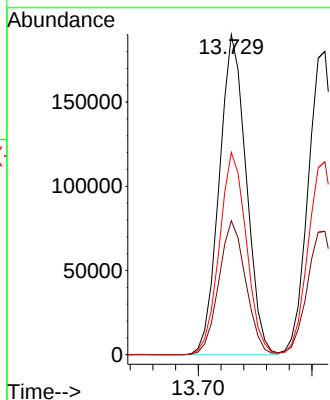
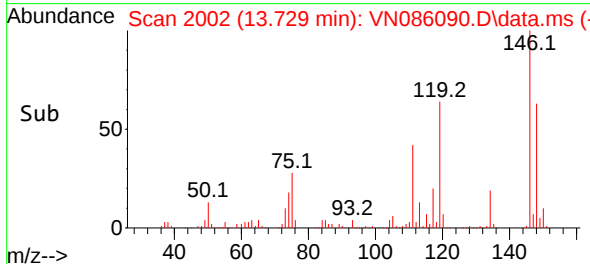
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



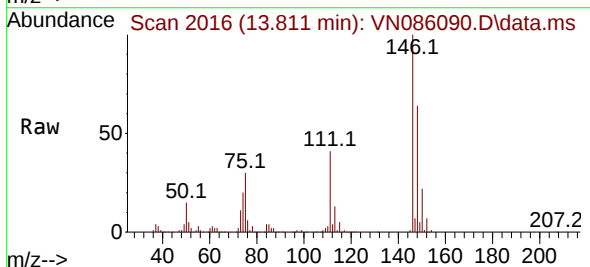
Tgt Ion:146 Resp: 313749
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.2 63.6
 148 63.3 31.8 95.4

Manual Integrations
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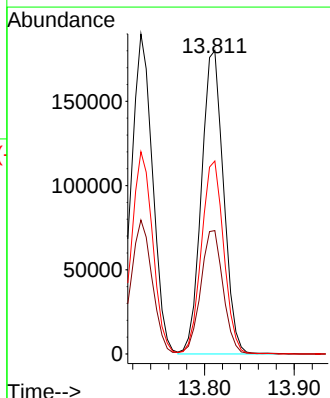
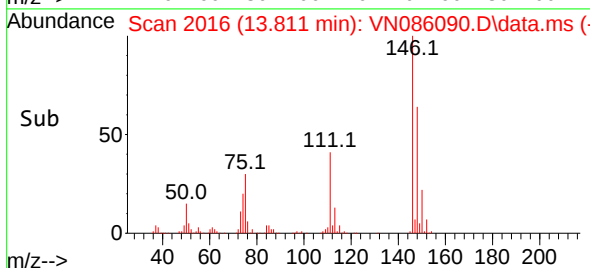
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025

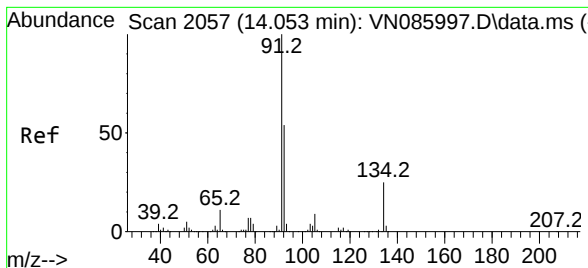


#88
 1,4-Dichlorobenzene
 Concen: 46.977 ug/l
 RT: 13.811 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086090.D
 Acq: 25 Mar 2025 10:27



Tgt Ion:146 Resp: 308043
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 64.3 32.1 96.5





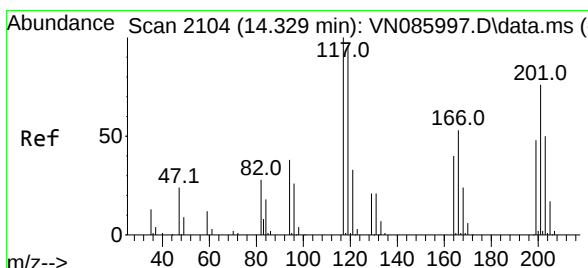
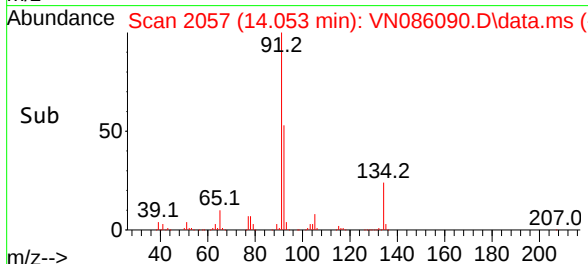
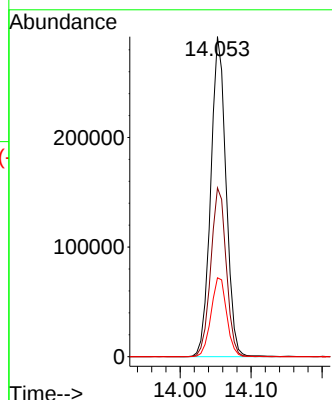
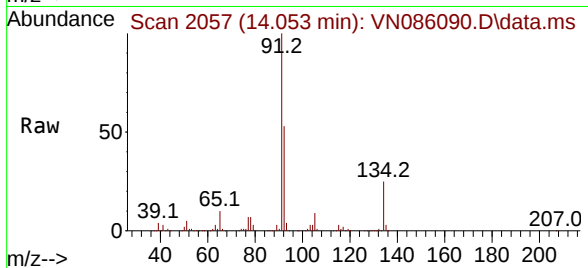
#89
n-Butylbenzene
Concen: 54.226 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 43724
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 25.2 13.0 39.0

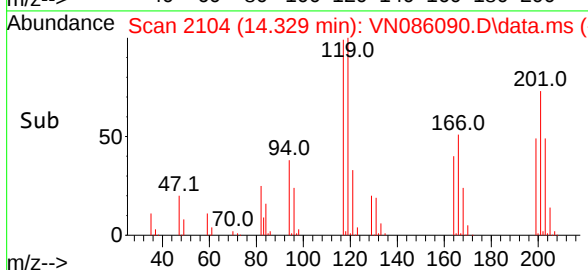
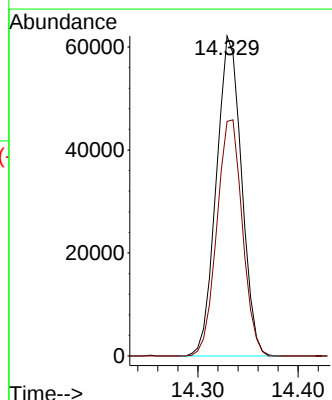
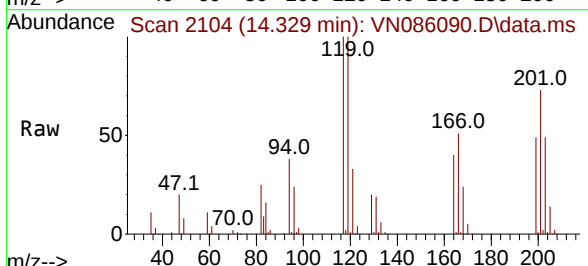
Manual Integrations
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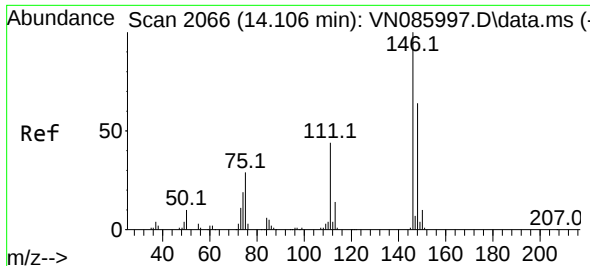
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#90
Hexachloroethane
Concen: 47.576 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

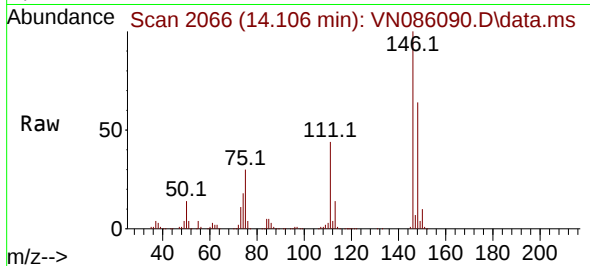
Tgt Ion:117 Resp: 108700
Ion Ratio Lower Upper
117 100
201 74.6 39.1 117.3





#91
1,2-Dichlorobenzene
Concen: 48.346 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

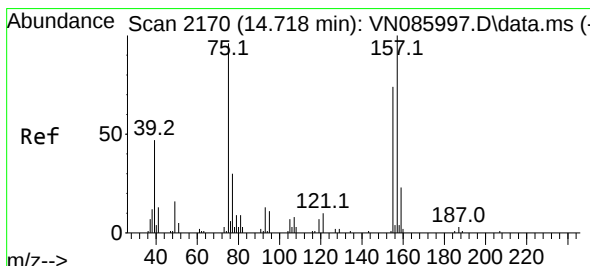
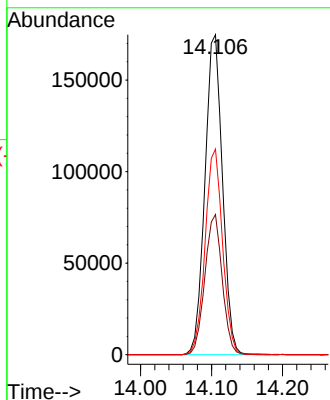
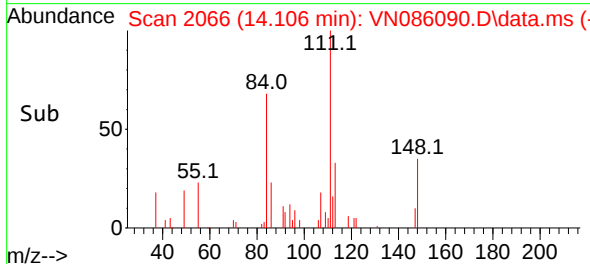
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



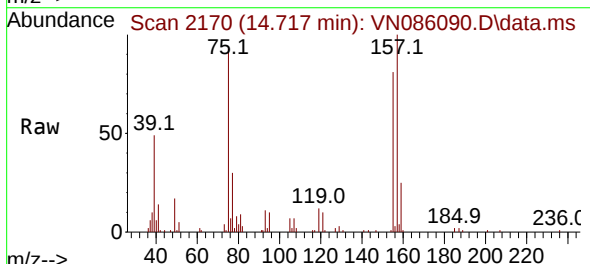
Tgt Ion:146 Resp: 29995
Ion Ratio Lower Upper
146 100
111 43.5 22.3 66.8
148 64.1 32.1 96.5

Manual Integrations
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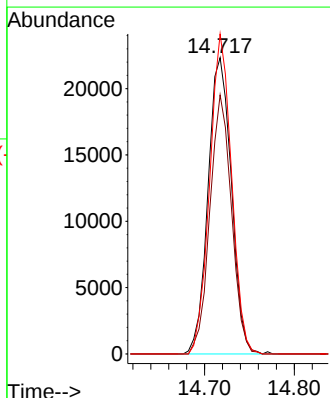
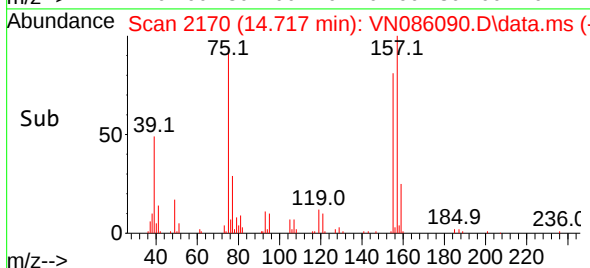
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

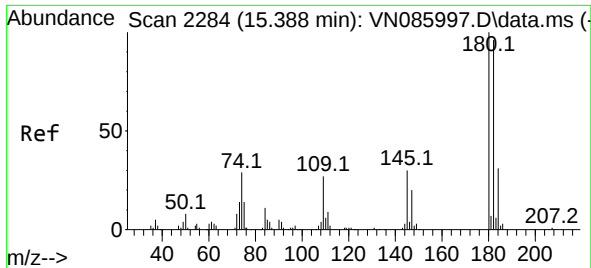


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.111 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



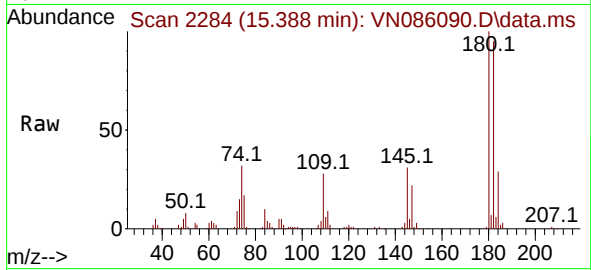
Tgt Ion: 75 Resp: 40345
Ion Ratio Lower Upper
75 100
155 81.0 41.0 123.0
157 101.1 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 45.575 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

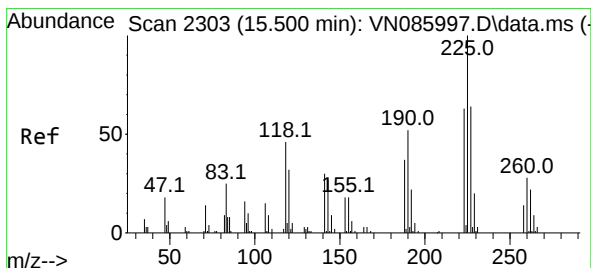
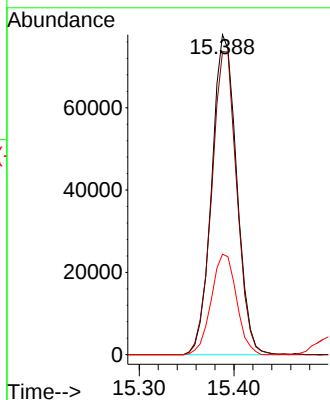
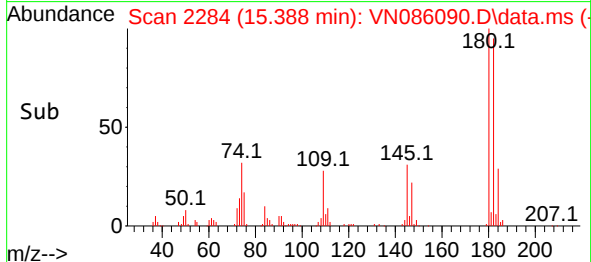
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



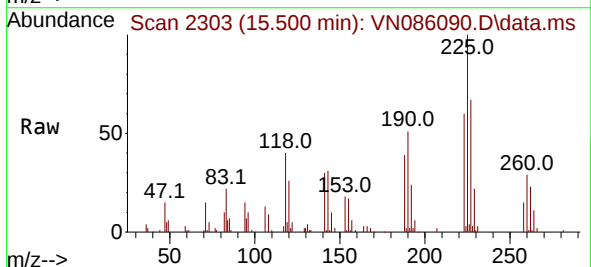
Tgt Ion:180 Resp: 142178
Ion Ratio Lower Upper
180 100
182 95.9 47.0 141.0
145 31.9 15.5 46.5

Manual Integrations
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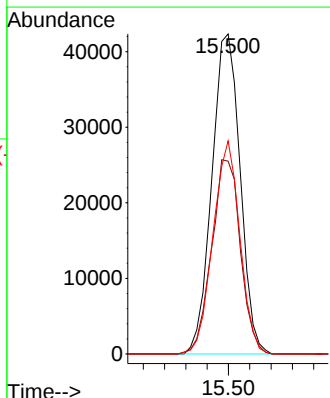
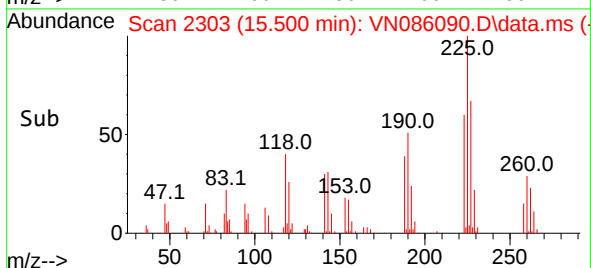
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

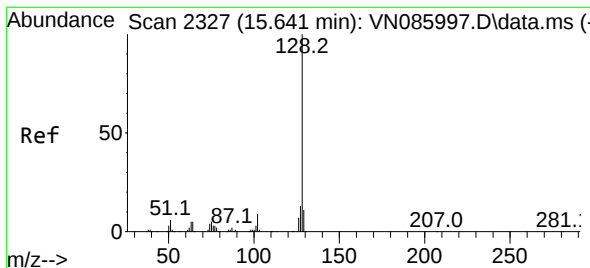


#94
Hexachlorobutadiene
Concen: 43.038 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27



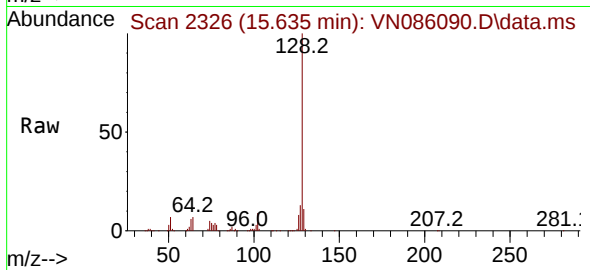
Tgt Ion:225 Resp: 77894
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.9
227 63.4 32.1 96.3





#95
Naphthalene
Concen: 47.898 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

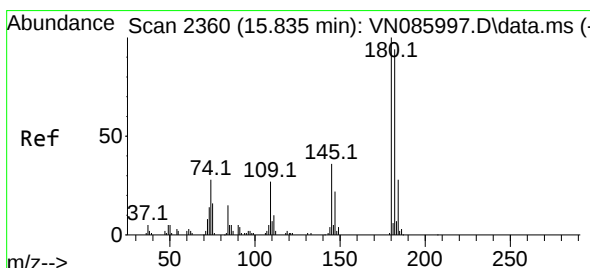
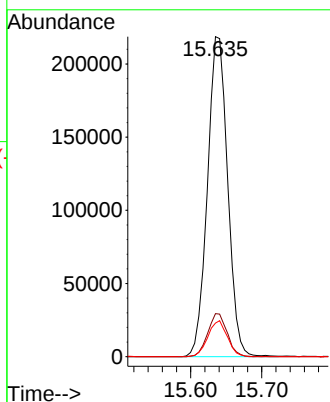
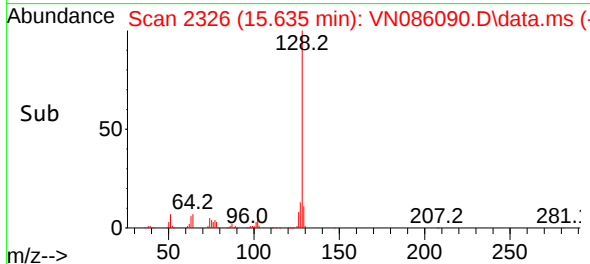
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 43268
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.640 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086090.D
Acq: 25 Mar 2025 10:27

Tgt Ion:180 Resp: 141022
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 33.4 17.7 53.1

