

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086034.D
 Acq On : 20 Mar 2025 19:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2025
 Supervised By : Mahesh Dadoda 03/21/2025

Quant Time: Mar 21 01:25:35 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	192543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306301	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120985	45.887	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.780%		
35) Dibromofluoromethane	8.165	113	101545	47.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.000%		
50) Toluene-d8	10.565	98	384968	49.614	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.847	95	141756	51.228	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119523	46.855	ug/l	99
3) Chloromethane	2.359	50	101462	45.371	ug/l	99
4) Vinyl Chloride	2.512	62	111198	48.632	ug/l	100
5) Bromomethane	2.953	94	67573	43.385	ug/l	94
6) Chloroethane	3.118	64	63709	44.167	ug/l	94
7) Trichlorofluoromethane	3.494	101	185397	45.105	ug/l	97
8) Diethyl Ether	3.959	74	60241	47.874	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	102426	46.886	ug/l	98
10) Methyl Iodide	4.589	142	138979	48.825	ug/l	92
11) Tert butyl alcohol	5.512	59	69672	186.642	ug/l	99
12) 1,1-Dichloroethene	4.341	96	97214	49.282	ug/l	95
13) Acrolein	4.177	56	79917	200.723	ug/l	96
14) Allyl chloride	5.024	41	118188	48.026	ug/l	97
15) Acrylonitrile	5.718	53	222717	225.912	ug/l	99
16) Acetone	4.424	43	156394	194.158	ug/l	99
17) Carbon Disulfide	4.712	76	277832	42.827	ug/l	99
18) Methyl Acetate	5.024	43	86601	43.454	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	314294	48.623	ug/l	100
20) Methylene Chloride	5.271	84	109806	46.599	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	102198	47.407	ug/l	96
22) Diisopropyl ether	6.671	45	271131	51.701	ug/l	97
23) Vinyl Acetate	6.600	43	999800	251.495	ug/l	97
24) 1,1-Dichloroethane	6.565	63	181224	46.994	ug/l	99
25) 2-Butanone	7.477	43	247178	212.666	ug/l	98
26) 2,2-Dichloropropane	7.488	77	164838	44.399	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	119482	48.774	ug/l	99
28) Bromochloromethane	7.806	49	72990	44.674	ug/l	99
29) Tetrahydrofuran	7.835	42	168602	234.968	ug/l	98
30) Chloroform	7.965	83	201768	47.336	ug/l	96
31) Cyclohexane	8.253	56	153558	46.742	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	190322	47.169	ug/l	99
36) 1,1-Dichloropropene	8.371	75	138197	49.091	ug/l	99
37) Ethyl Acetate	7.559	43	103975	43.779	ug/l	99
38) Carbon Tetrachloride	8.359	117	175173	47.326	ug/l	98
39) Methylcyclohexane	9.600	83	141579	50.691	ug/l	96
40) Benzene	8.600	78	434771	49.197	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59219	52.219	ug/l	93
42) 1,2-Dichloroethane	8.665	62	144169	46.818	ug/l	100
43) Isopropyl Acetate	8.682	43	180817	35.134	ug/l	99
44) Trichloroethene	9.347	130	103162	45.040	ug/l	97
45) 1,2-Dichloropropane	9.618	63	101906	50.699	ug/l	98
46) Dibromomethane	9.706	93	74834	47.341	ug/l	98
47) Bromodichloromethane	9.888	83	160786	48.669	ug/l	96
48) Methyl methacrylate	9.676	41	84333	49.658	ug/l	100
49) 1,4-Dioxane	9.694	88	36561	910.693	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	548540	241.680	ug/l	99
52) Toluene	10.629	92	284214	52.400	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	160051	49.885	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	170054	50.236	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	102621	49.571	ug/l	97
56) Ethyl methacrylate	10.870	69	157887	49.075	ug/l	99
57) 1,3-Dichloropropane	11.159	76	175245	49.840	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	314100	253.405	ug/l	100
59) 2-Hexanone	11.194	43	398366	240.929	ug/l	100
60) Dibromochloromethane	11.359	129	131049	49.057	ug/l	98
61) 1,2-Dibromoethane	11.465	107	103481	48.690	ug/l	97
64) Tetrachloroethene	11.100	164	103545	45.715	ug/l	98
65) Chlorobenzene	11.888	112	309205	47.590	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	113783	47.110	ug/l	100
67) Ethyl Benzene	11.965	91	533411	51.323	ug/l	98
68) m/p-Xylenes	12.070	106	422926	103.532	ug/l	99
69) o-Xylene	12.394	106	203150	54.184	ug/l	99
70) Styrene	12.412	104	347832	54.316	ug/l	99
71) Bromoform	12.576	173	93695	46.406	ug/l #	98
73) Isopropylbenzene	12.694	105	512349	49.598	ug/l	100
74) N-amyl acetate	12.488	43	164653	47.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	149310	42.723	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	139637m	41.231	ug/l	
77) Bromobenzene	12.976	156	131548	45.669	ug/l	97
78) n-propylbenzene	13.035	91	598058	51.127	ug/l	100
79) 2-Chlorotoluene	13.123	91	377651	48.606	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	440218	50.474	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	59229	46.237	ug/l	95
82) 4-Chlorotoluene	13.217	91	385258	48.218	ug/l	99
83) tert-Butylbenzene	13.435	119	367314	49.243	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	453310	51.532	ug/l	100
85) sec-Butylbenzene	13.611	105	506548	52.056	ug/l	99
86) p-Isopropyltoluene	13.729	119	430335	52.242	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	241566	46.526	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	243800	44.692	ug/l	98
89) n-Butylbenzene	14.053	91	353418	52.687	ug/l	100
90) Hexachloroethane	14.329	117	84785	44.607	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	235108	45.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30256	43.370	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	118625	45.709	ug/l	97
94) Hexachlorobutadiene	15.500	225	61840	41.071	ug/l	98
95) Naphthalene	15.635	128	355998	47.372	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	115671	46.972	ug/l	99

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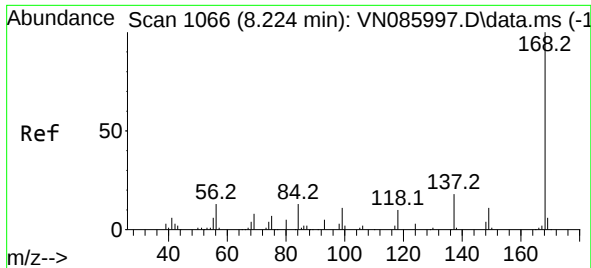
Manual Integrations
APPROVED

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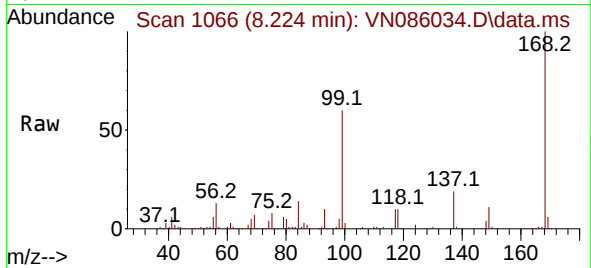
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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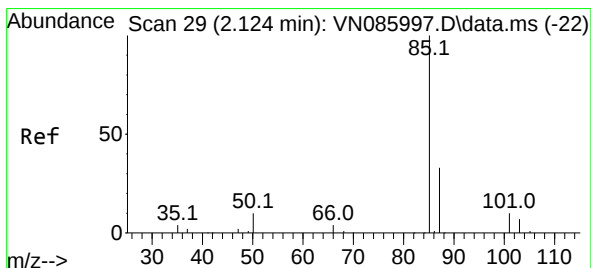
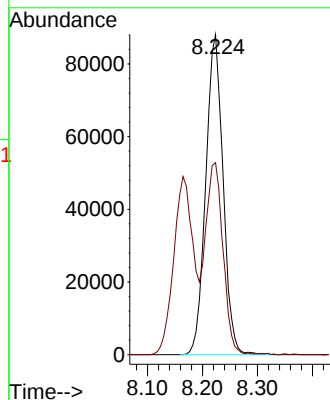
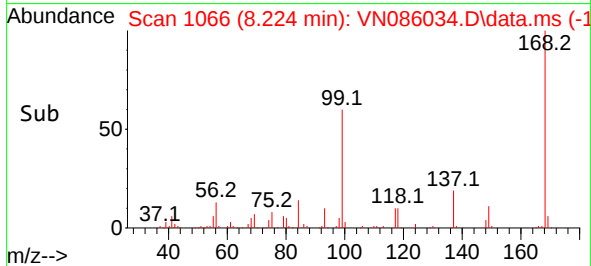
Instrument :
MSVOA_N
ClientSampleId :
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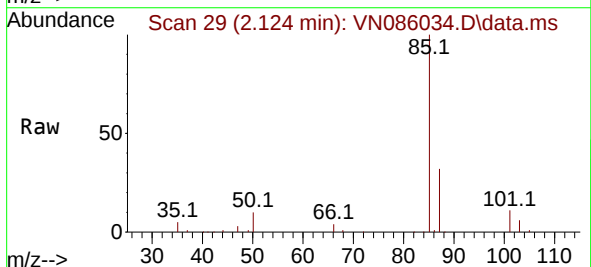
Tgt Ion:168 Resp: 19254
Ion Ratio Lower Upper
168 100
99 60.0 49.4 74.2

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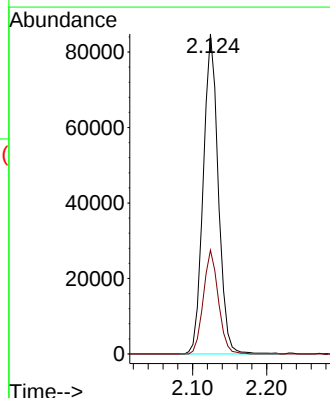
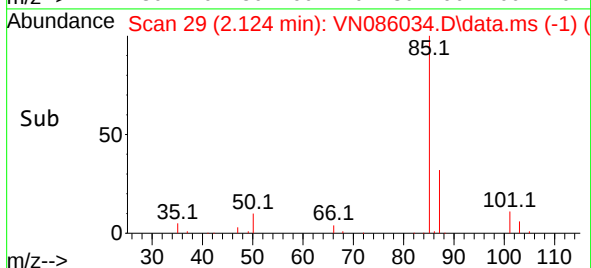
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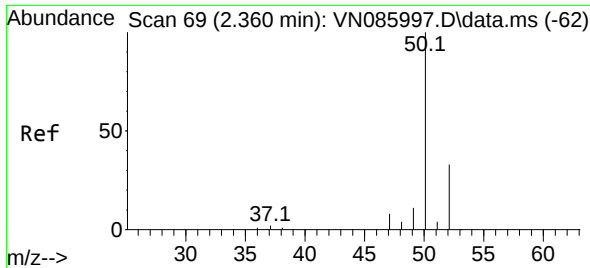


#2
Dichlorodifluoromethane
Concen: 46.855 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



Tgt Ion: 85 Resp: 119523
Ion Ratio Lower Upper
85 100
87 32.4 16.5 49.5





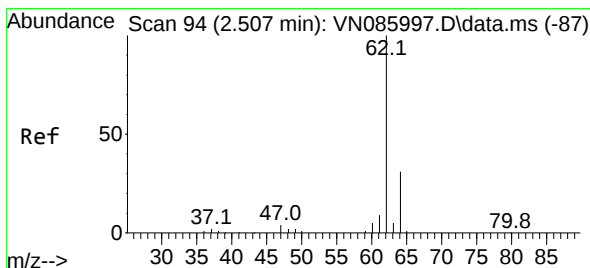
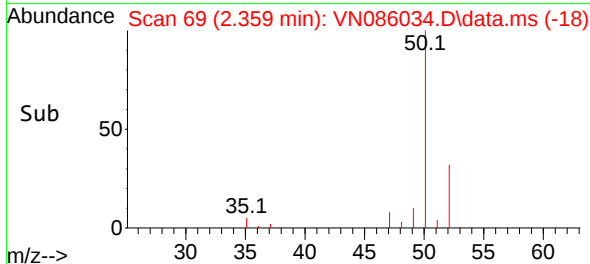
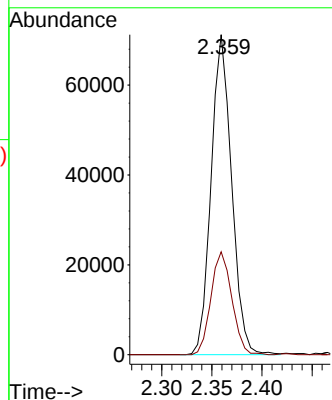
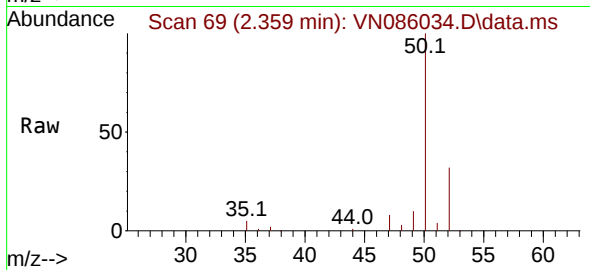
#3
Chloromethane
Concen: 45.371 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
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Tgt Ion: 50 Resp: 101462
Ion Ratio Lower Upper
50 100
52 32.2 26.0 39.0

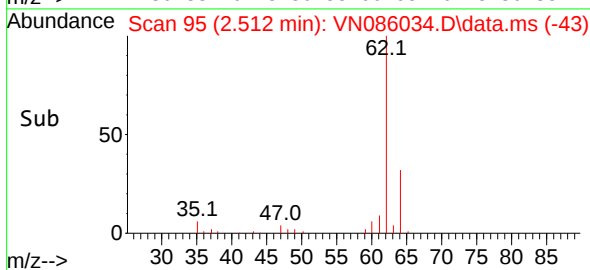
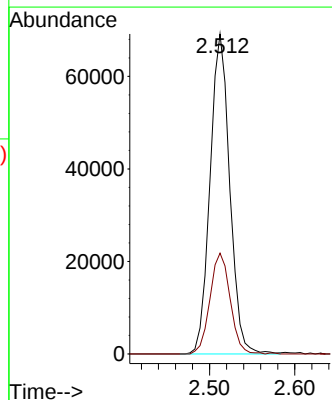
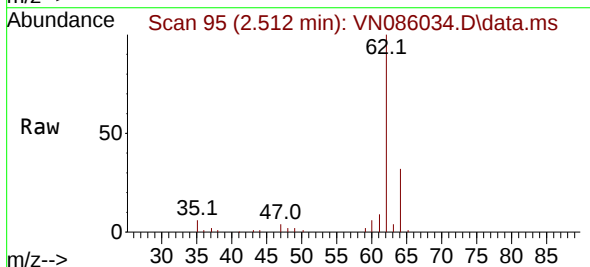
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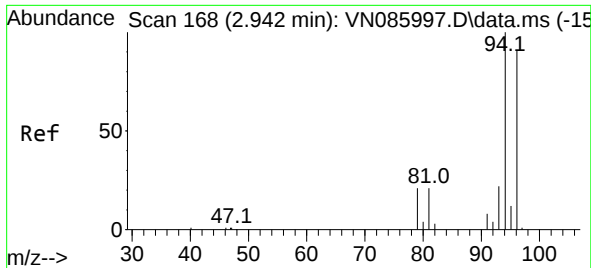
Reviewed By :John Carlone 03/21/2025
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#4
Vinyl Chloride
Concen: 48.632 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 62 Resp: 111198
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





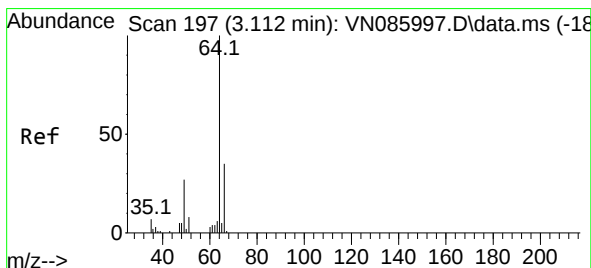
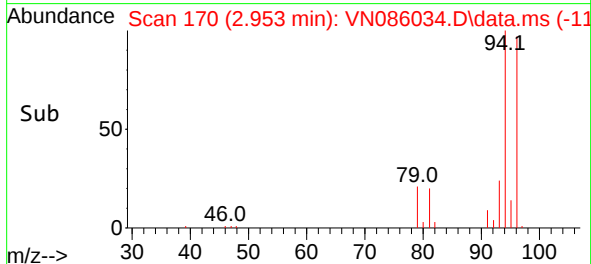
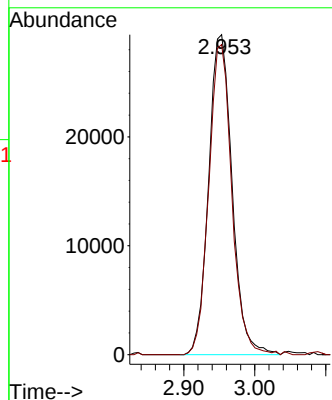
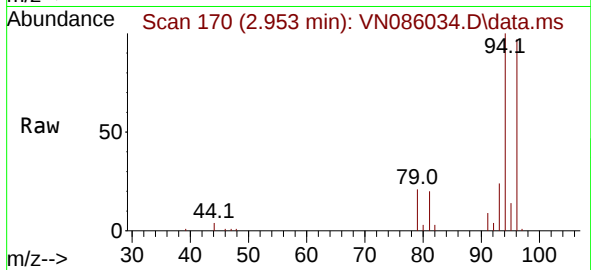
#5
Bromomethane
Concen: 43.385 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 6757
Ion Ratio Lower Upper
94 100
96 96.9 72.8 109.2

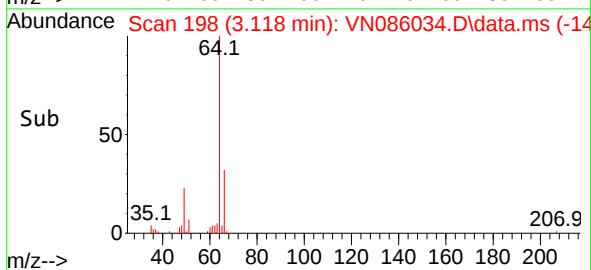
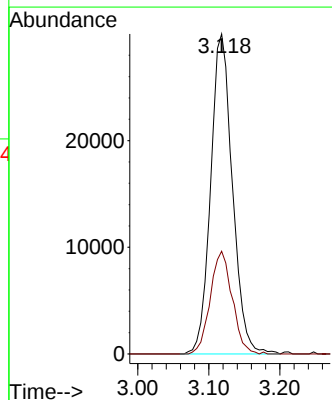
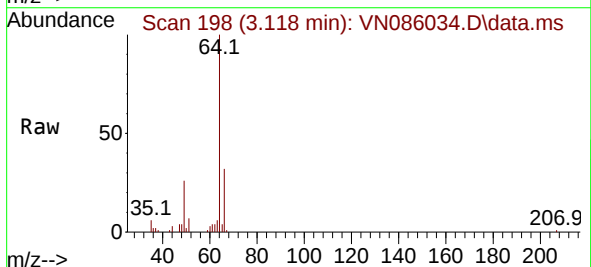
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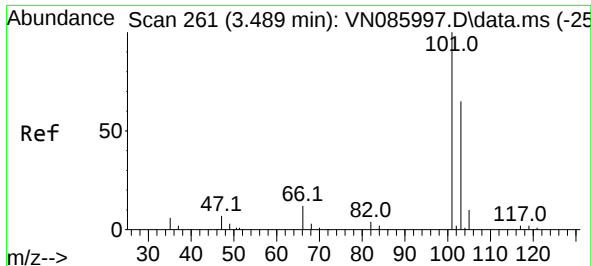
Reviewed By :John Carlone 03/21/2025
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#6
Chloroethane
Concen: 44.167 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 64 Resp: 63709
Ion Ratio Lower Upper
64 100
66 32.1 28.3 42.5





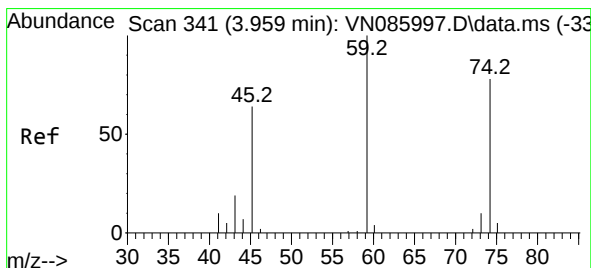
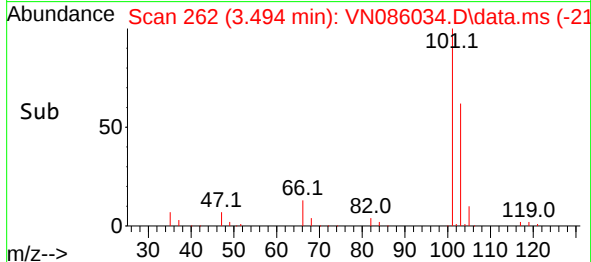
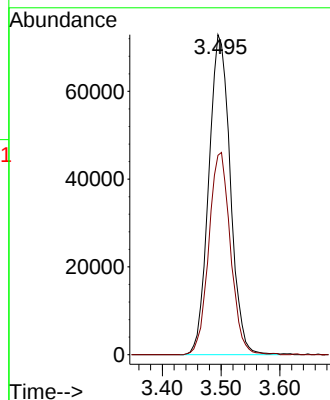
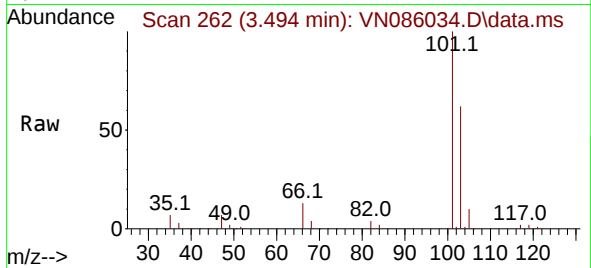
#7
Trichlorofluoromethane
Concen: 45.105 ug/l
RT: 3.494 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 18539
Ion Ratio Lower Upper
101 100
103 62.3 51.7 77.5

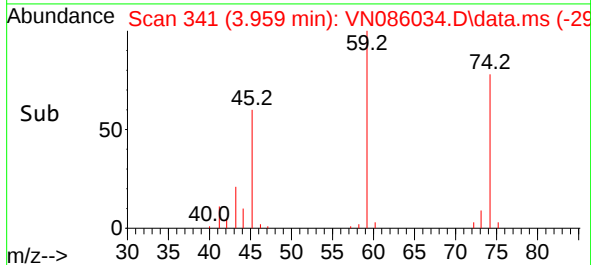
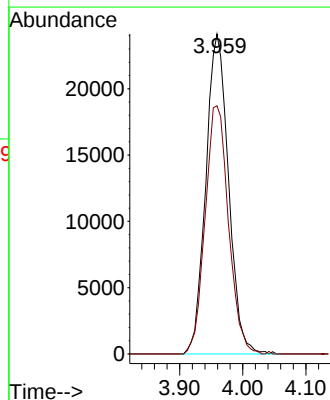
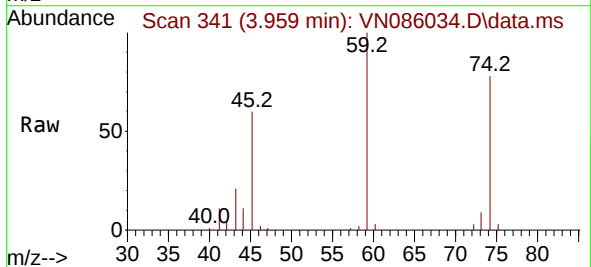
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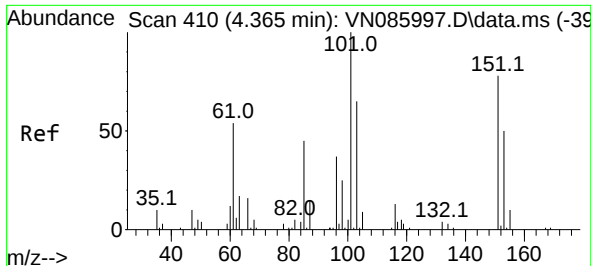
Reviewed By :John Carlone 03/21/2025
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#8
Diethyl Ether
Concen: 47.874 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 74 Resp: 60241
Ion Ratio Lower Upper
74 100
45 80.0 38.0 113.9





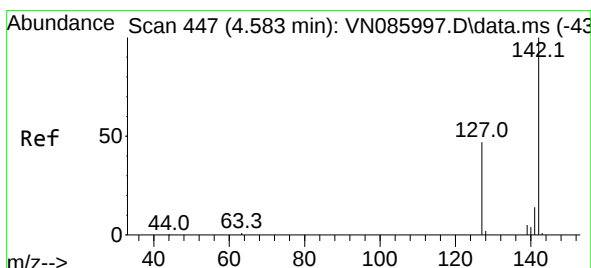
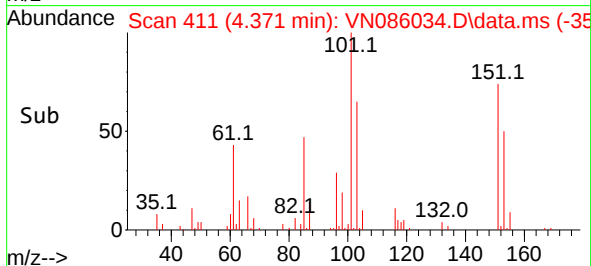
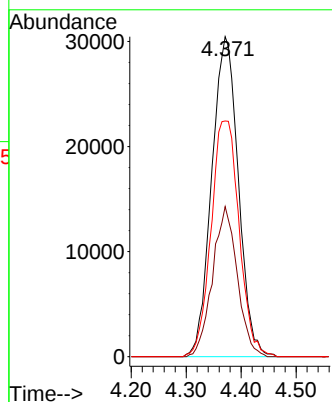
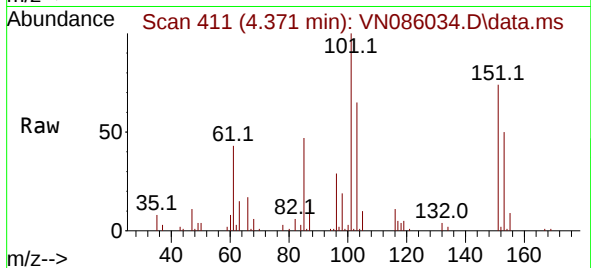
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.886 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 102420
Ion Ratio Lower Upper
101 100
85 43.6 36.5 54.7
151 77.7 63.4 95.0

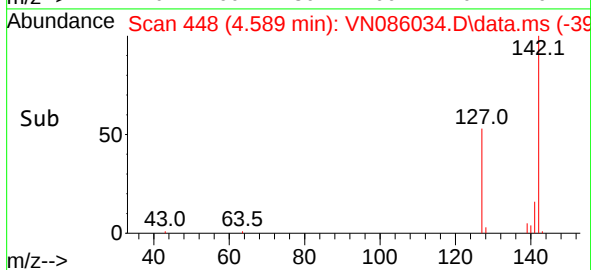
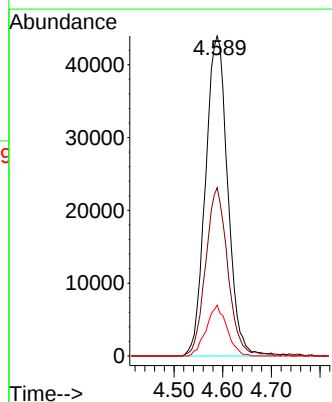
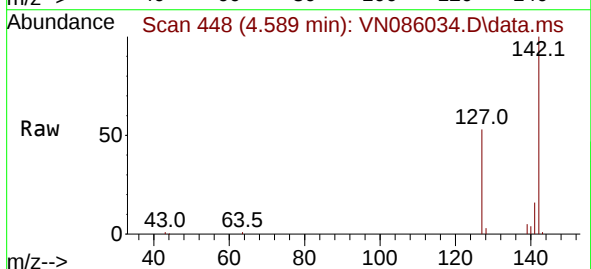
Manual Integrations
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Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#10
Methyl Iodide
Concen: 48.825 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

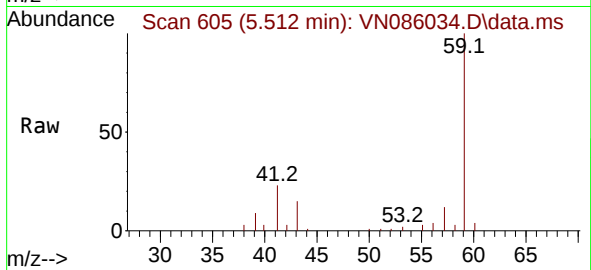
Tgt Ion:142 Resp: 138979
Ion Ratio Lower Upper
142 100
127 52.6 37.5 56.3
141 15.9 11.0 16.6





#11
Tert butyl alcohol
Concen: 186.642 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

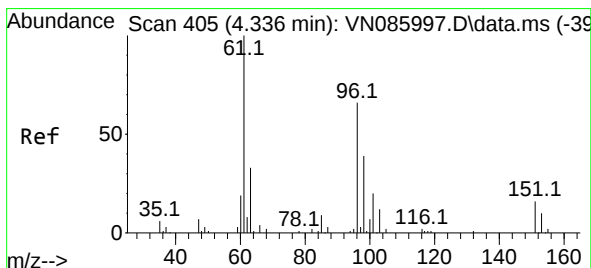
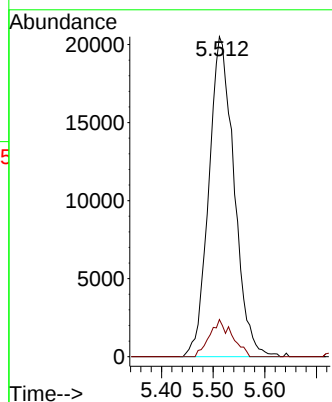
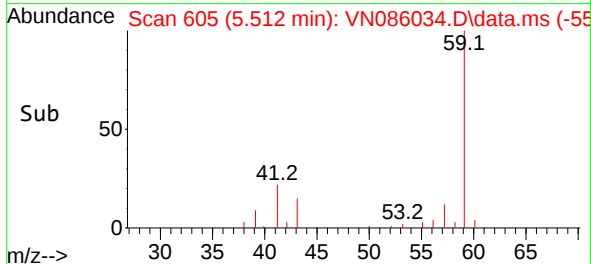
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



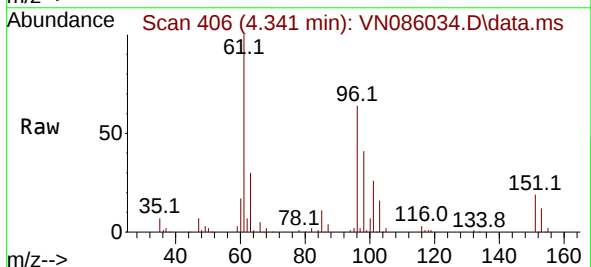
Tgt Ion: 59 Resp: 69672
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

Manual Integrations
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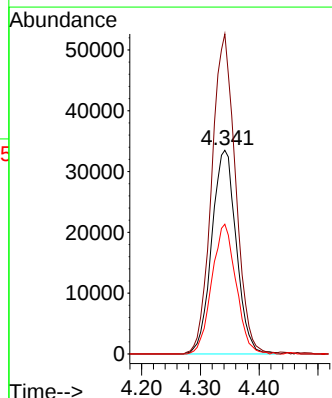
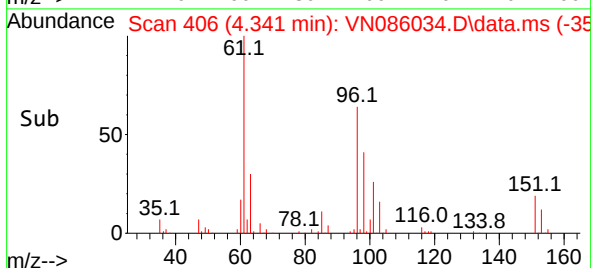
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

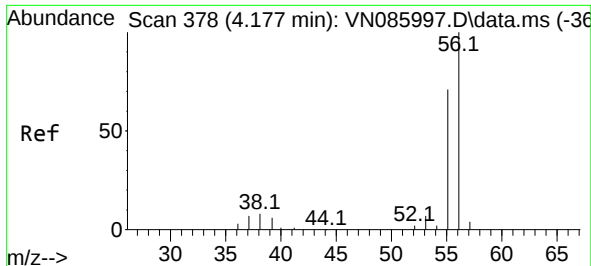


#12
1,1-Dichloroethene
Concen: 49.282 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



Tgt Ion: 96 Resp: 97214
Ion Ratio Lower Upper
96 100
61 157.1 120.5 180.7
98 63.7 47.4 71.0





#13

Acrolein

Concen: 200.723 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 7991

Ion Ratio Lower Upper

56 100

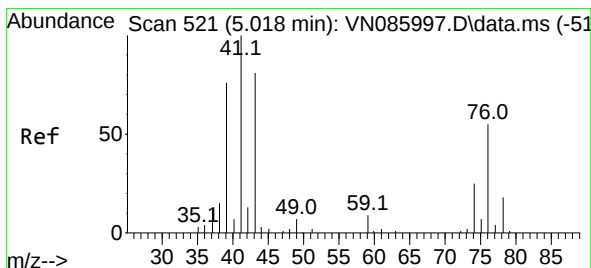
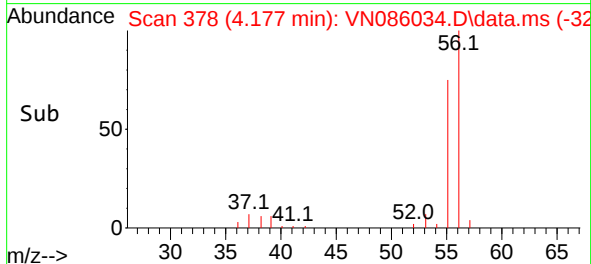
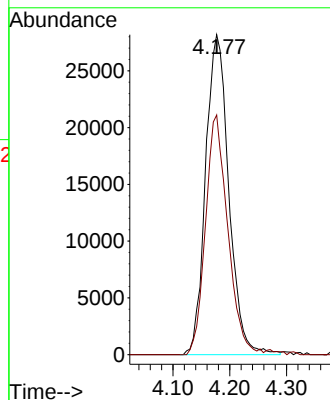
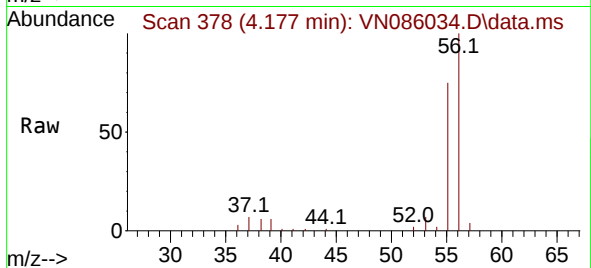
55 71.9 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#14

Allyl chloride

Concen: 48.026 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

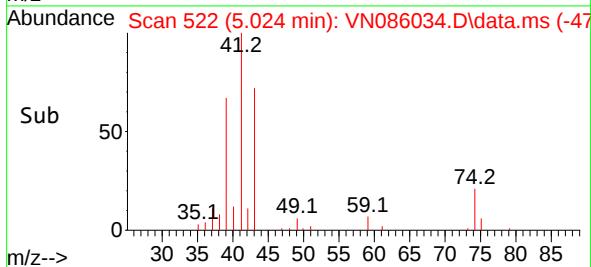
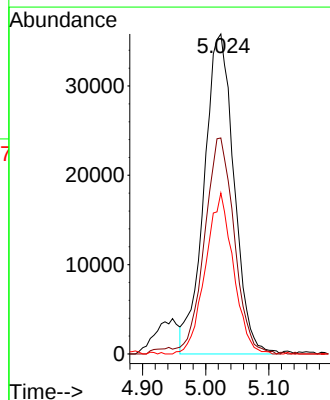
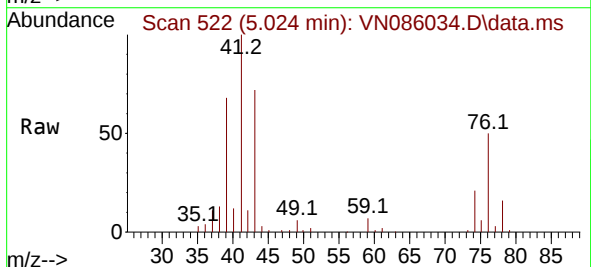
Tgt Ion: 41 Resp: 118188

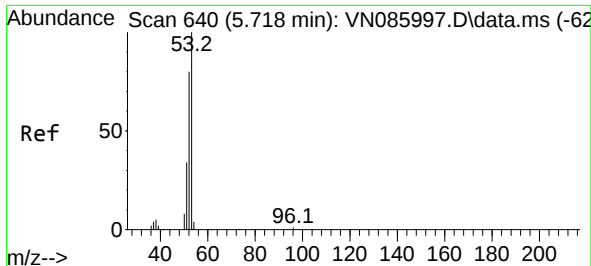
Ion Ratio Lower Upper

41 100

39 66.9 55.5 83.3

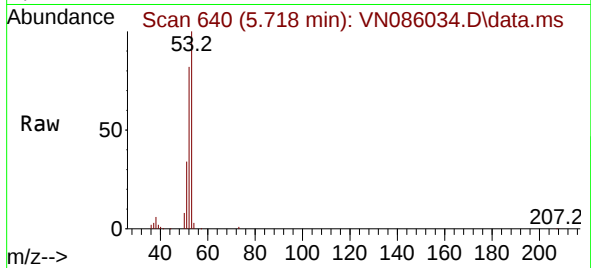
76 46.8 39.1 58.7





#15
Acrylonitrile
Concen: 225.912 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

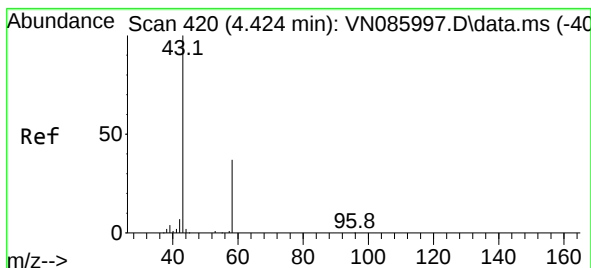
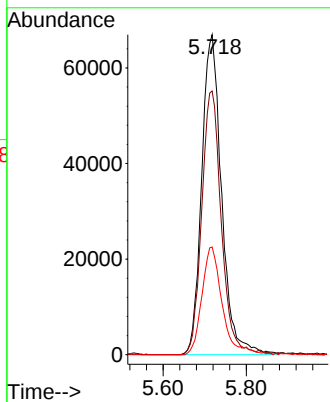
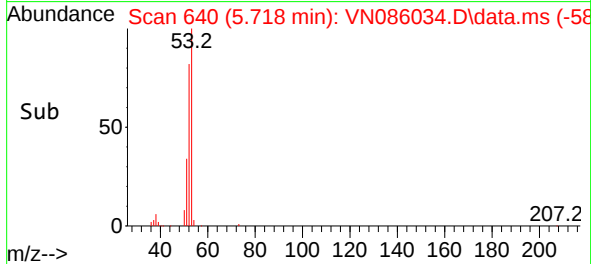
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



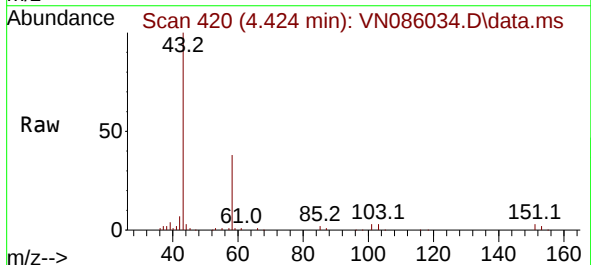
Tgt Ion: 53 Resp: 22271
Ion Ratio Lower Upper
53 100
52 80.7 63.9 95.9
51 34.3 27.1 40.7

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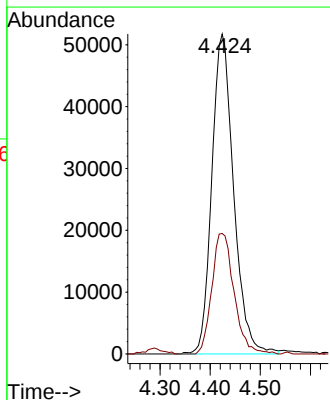
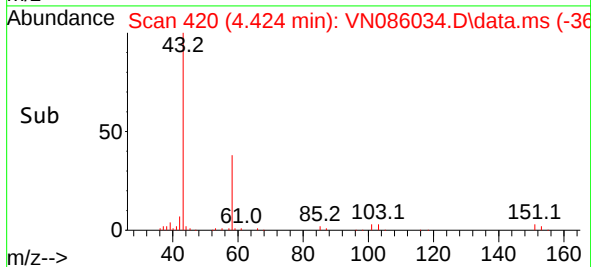
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

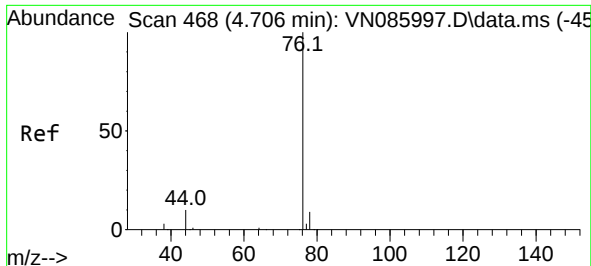


#16
Acetone
Concen: 194.158 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



Tgt Ion: 43 Resp: 156394
Ion Ratio Lower Upper
43 100
58 37.7 29.4 44.2





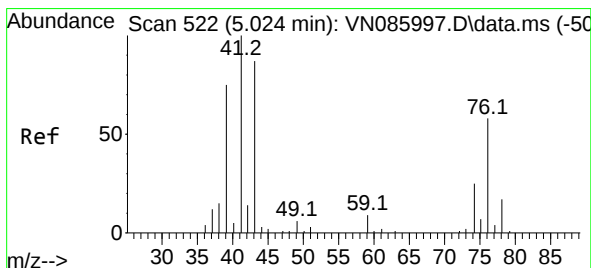
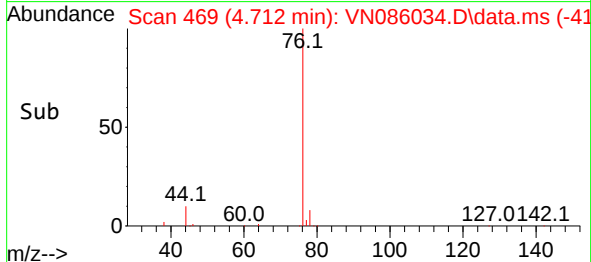
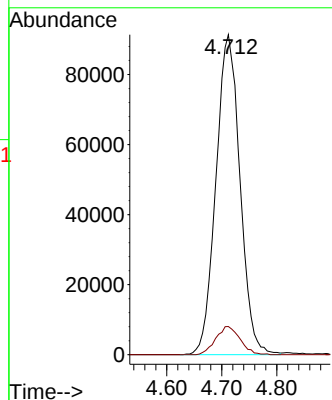
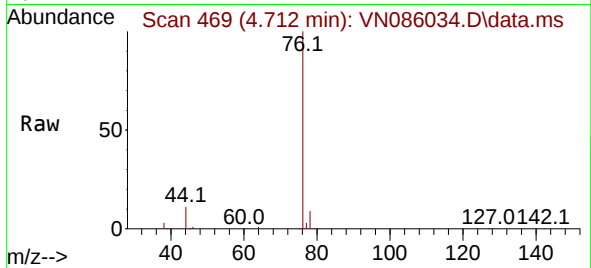
#17
Carbon Disulfide
Concen: 42.827 ug/l
RT: 4.712 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 277832
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

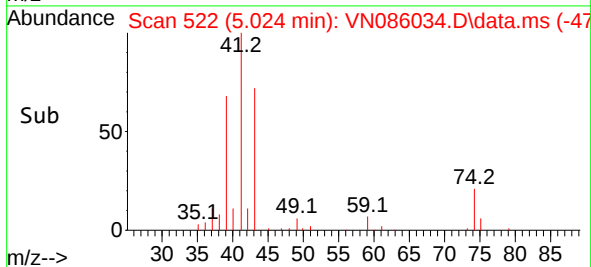
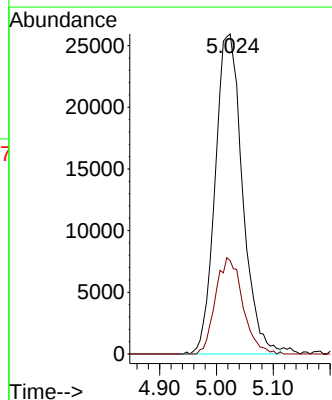
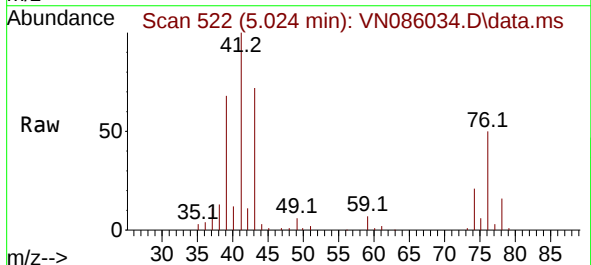
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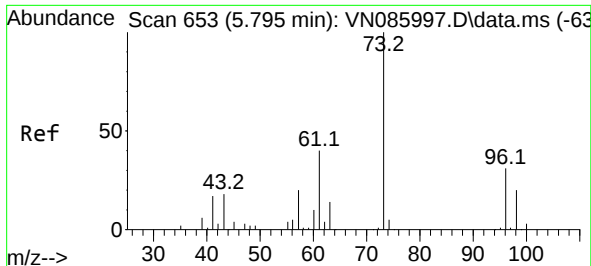
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#18
Methyl Acetate
Concen: 43.454 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 43 Resp: 86601
Ion Ratio Lower Upper
43 100
74 30.0 23.9 35.9





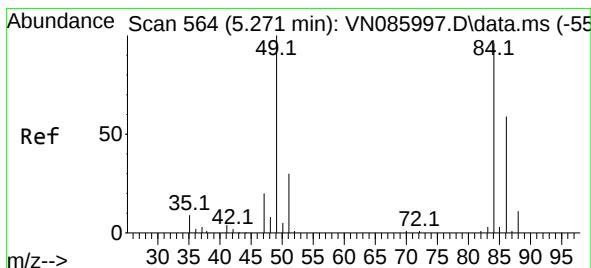
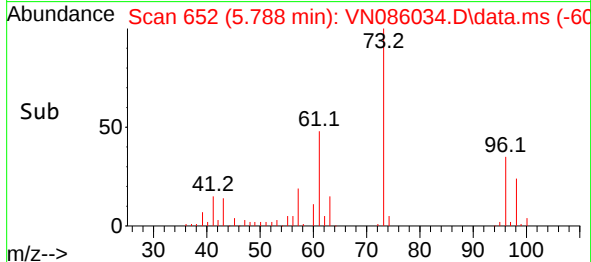
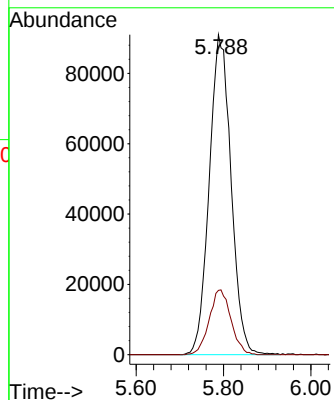
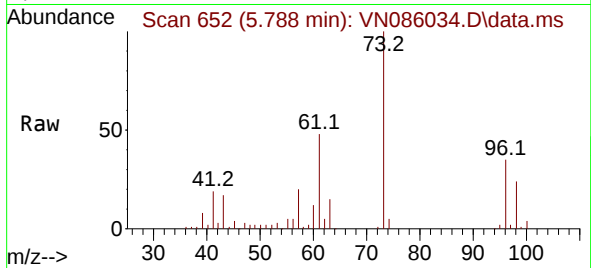
#19
Methyl tert-butyl Ether
Concen: 48.623 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 314294
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1

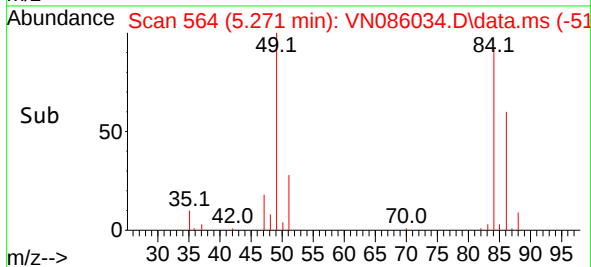
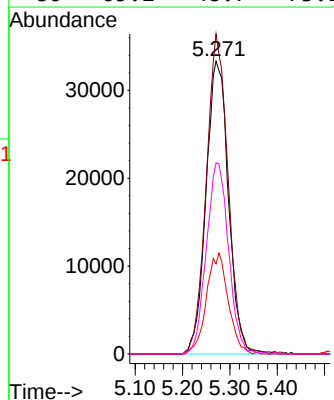
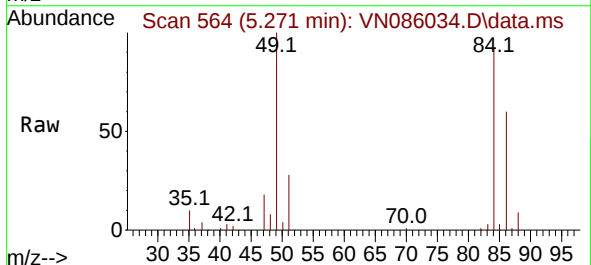
Manual Integrations
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Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#20
Methylene Chloride
Concen: 46.599 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

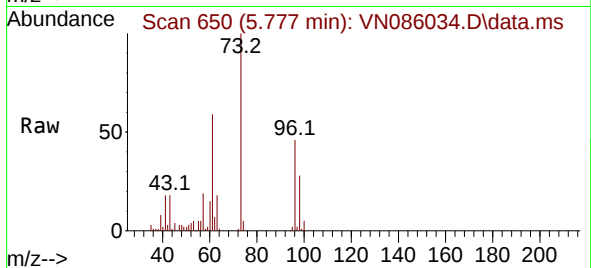
Tgt Ion: 84 Resp: 109806
Ion Ratio Lower Upper
84 100
49 109.3 83.3 124.9
51 30.8 24.8 37.2
86 65.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 47.407 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

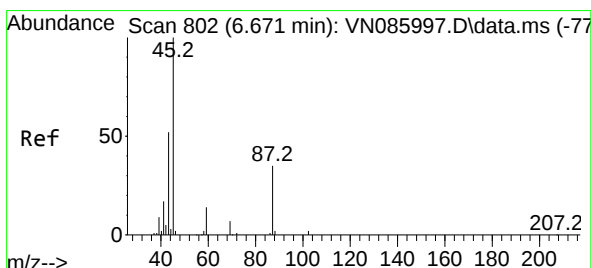
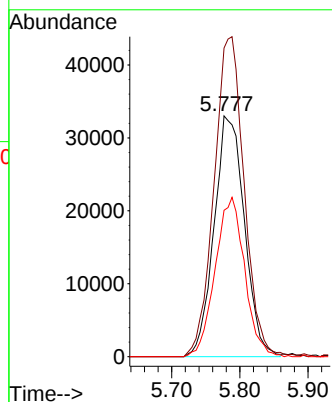
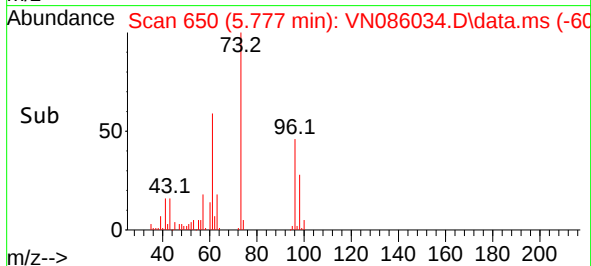
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 102198
Ion Ratio Lower Upper
96 100
61 128.2 106.6 160.0
98 60.8 50.0 75.0

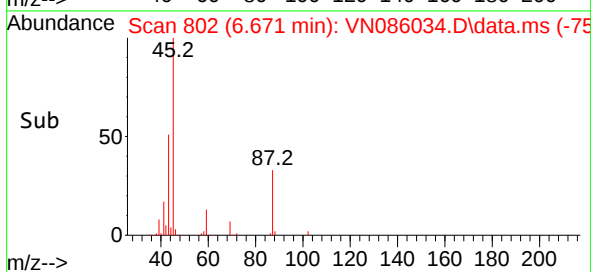
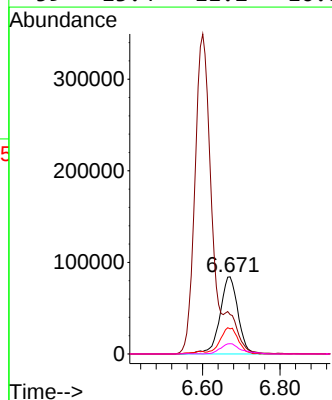
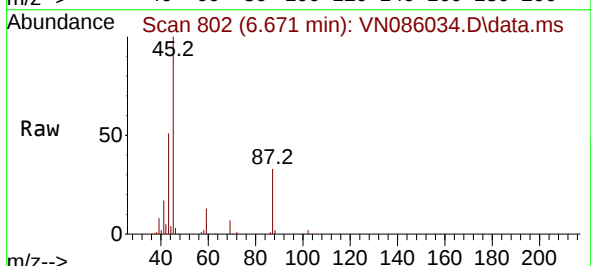
Manual Integrations
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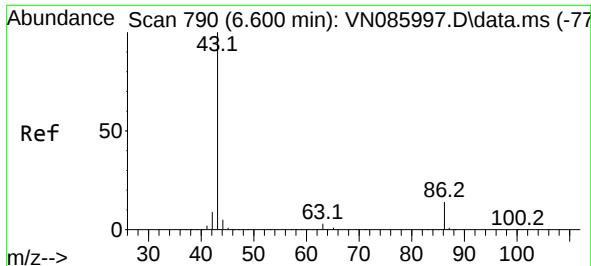
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#22
Diisopropyl ether
Concen: 51.701 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 45 Resp: 271131
Ion Ratio Lower Upper
45 100
43 50.2 41.2 61.8
87 32.6 28.5 42.7
59 13.4 11.2 16.8





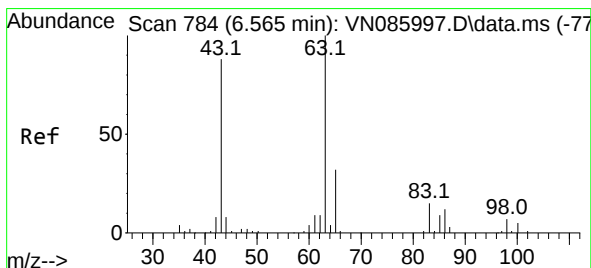
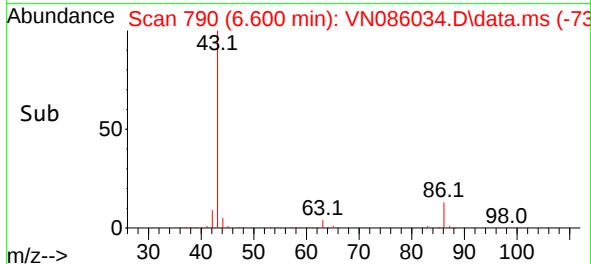
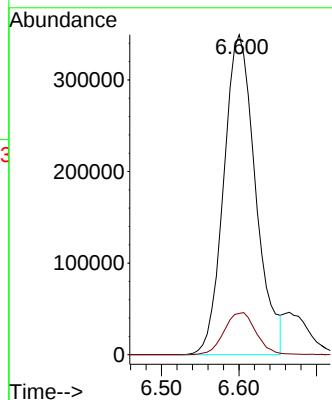
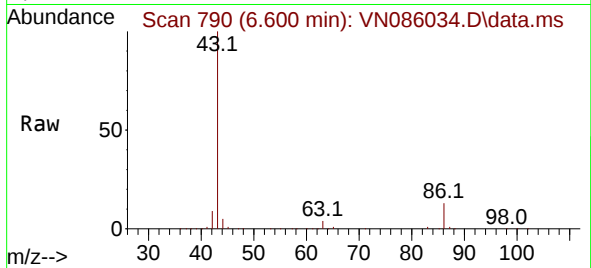
#23
 Vinyl Acetate
 Concen: 251.495 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086034.D
 Acq: 20 Mar 2025 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 999800
 Ion Ratio Lower Upper
 43 100
 86 12.9 11.2 16.8

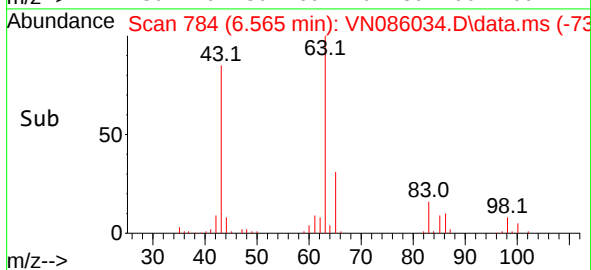
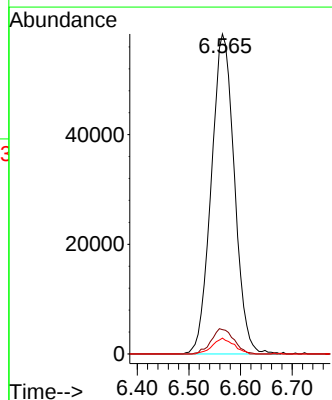
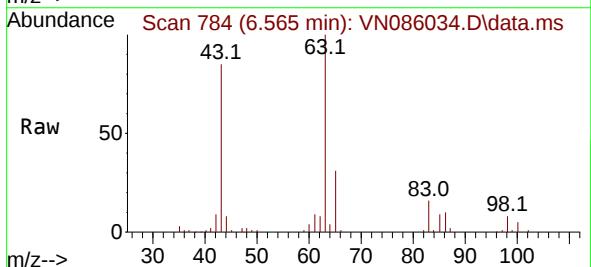
Manual Integrations
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Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#24
 1,1-Dichloroethane
 Concen: 46.994 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086034.D
 Acq: 20 Mar 2025 19:09

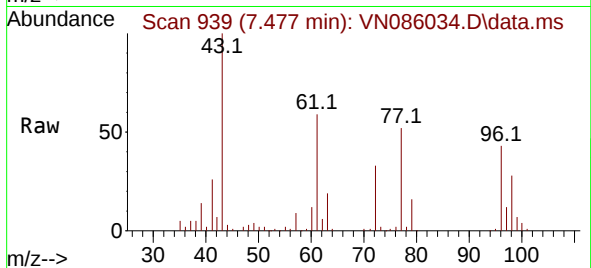
Tgt Ion: 63 Resp: 181224
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 5.0 2.5 7.5





#25
2-Butanone
Concen: 212.666 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

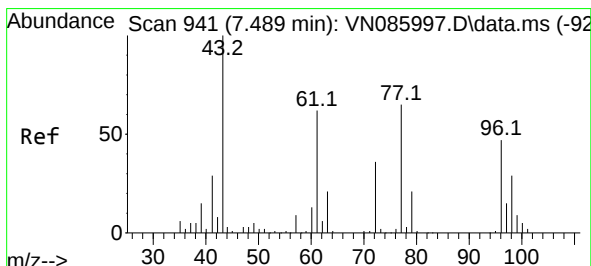
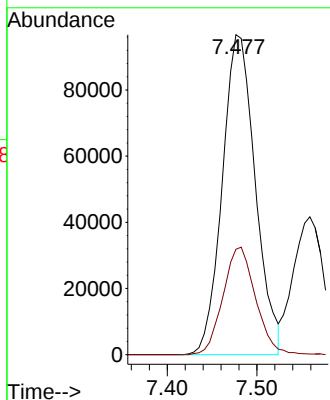
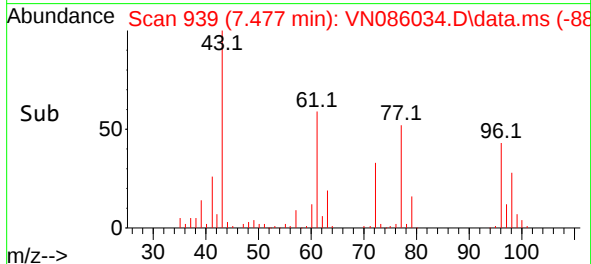
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



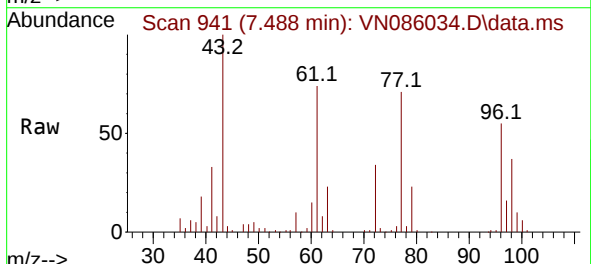
Tgt Ion: 43 Resp: 247178
Ion Ratio Lower Upper
43 100
72 32.9 27.4 41.0

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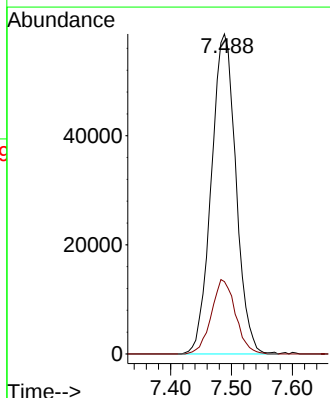
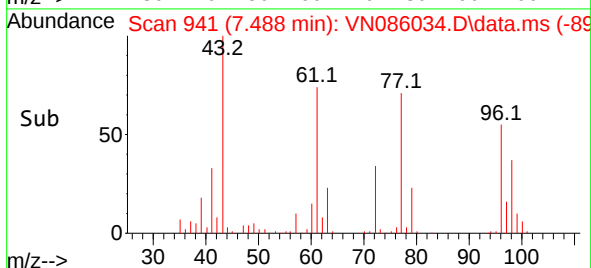
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#26
2,2-Dichloropropane
Concen: 44.399 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



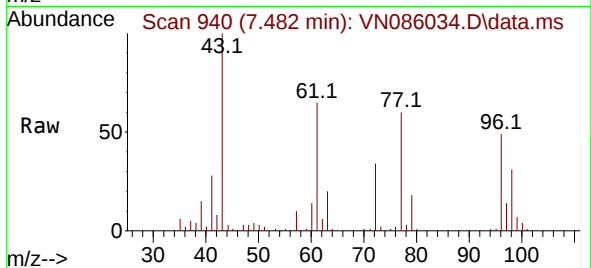
Tgt Ion: 77 Resp: 164838
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 48.774 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086034.D
 Acq: 20 Mar 2025 19:09

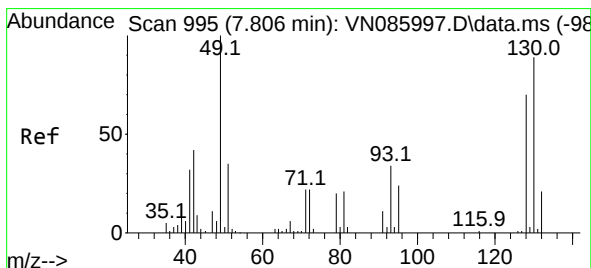
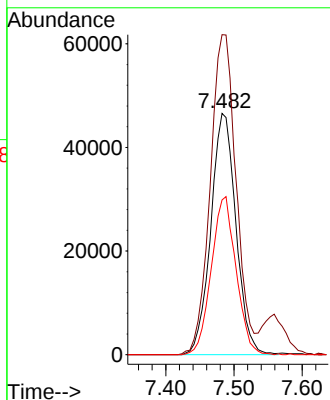
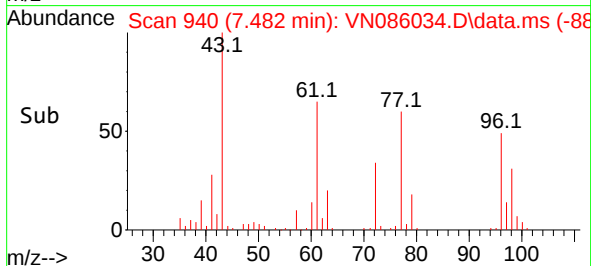
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 11948
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 272.8
 98 64.5 0.0 124.8

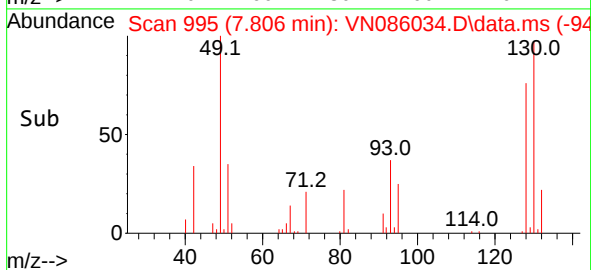
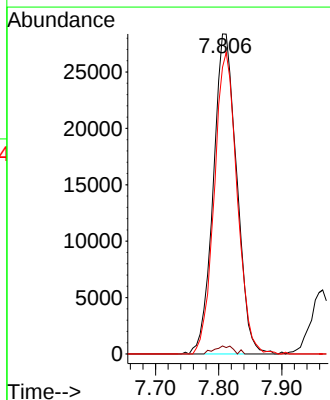
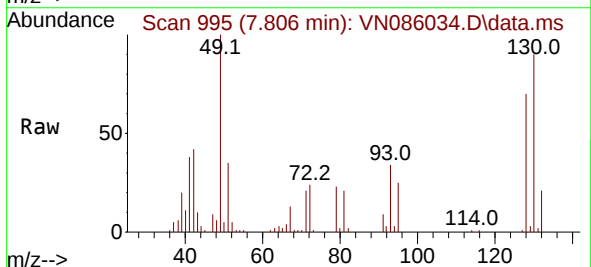
Manual Integrations
 APPROVED

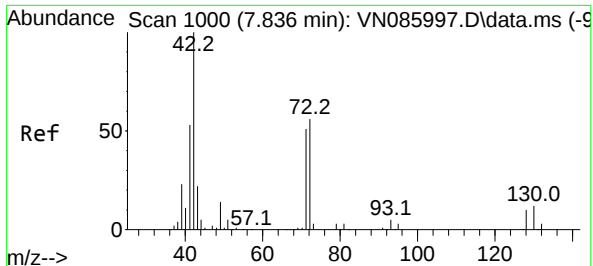
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#28
 Bromochloromethane
 Concen: 44.674 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086034.D
 Acq: 20 Mar 2025 19:09

Tgt Ion: 49 Resp: 72990
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 91.9 74.2 111.4





#29

Tetrahydrofuran

Concen: 234.968 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 168602

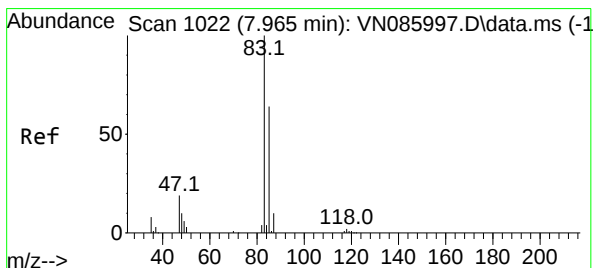
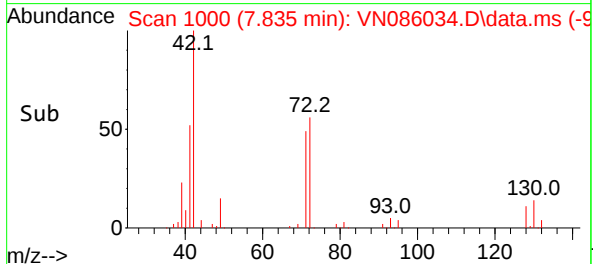
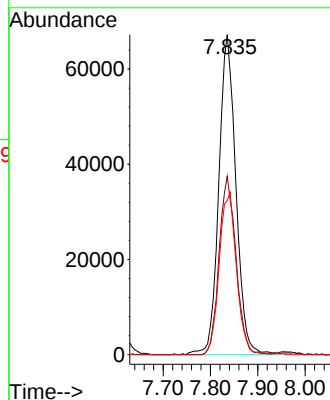
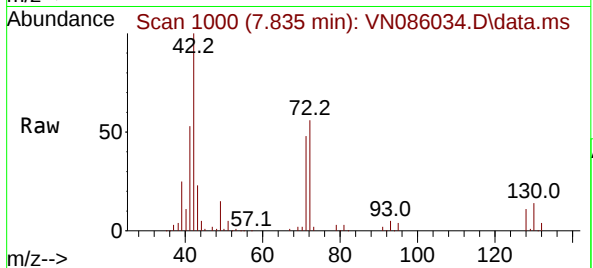
Ion	Ratio	Lower	Upper
42	100		
72	55.1	45.0	67.4
71	51.2	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#30

Chloroform

Concen: 47.336 ug/l

RT: 7.965 min Scan# 1022

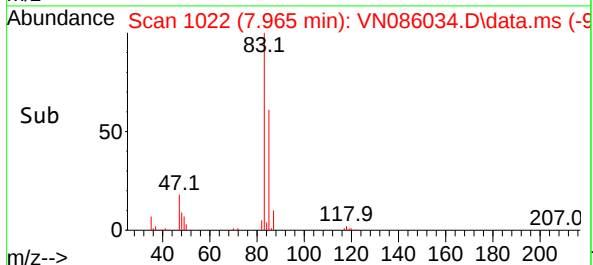
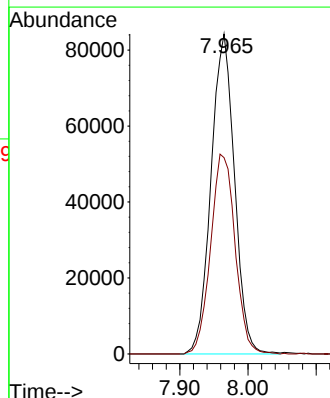
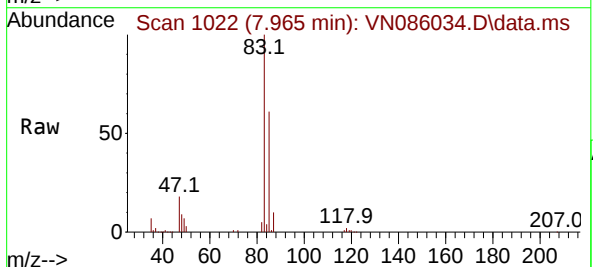
Delta R.T. -0.000 min

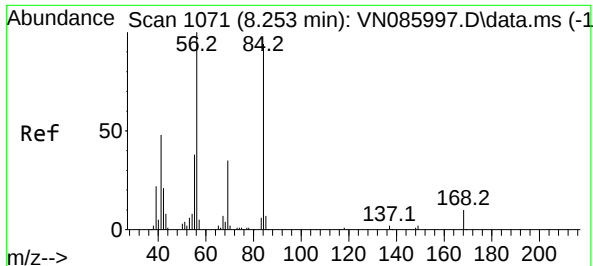
Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Tgt Ion: 83 Resp: 201768

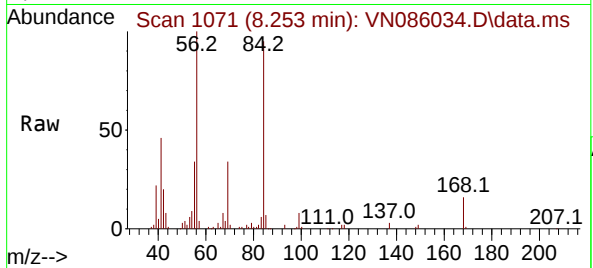
Ion	Ratio	Lower	Upper
83	100		
85	61.4	51.5	77.3





#31
Cyclohexane
Concen: 46.742 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

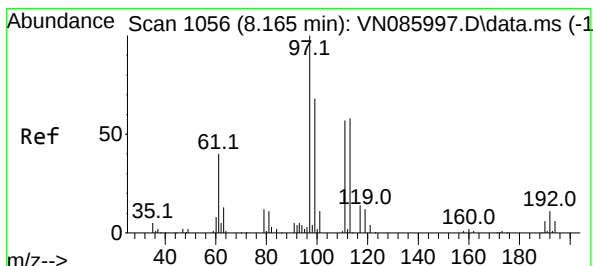
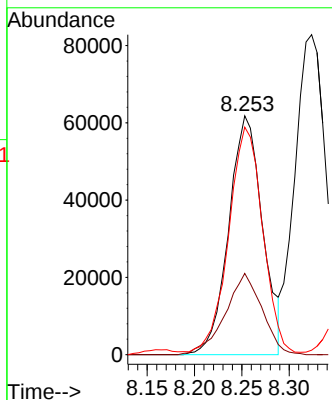
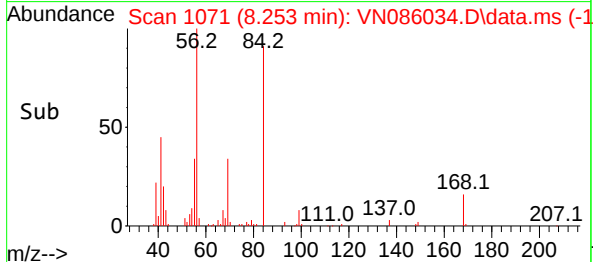
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



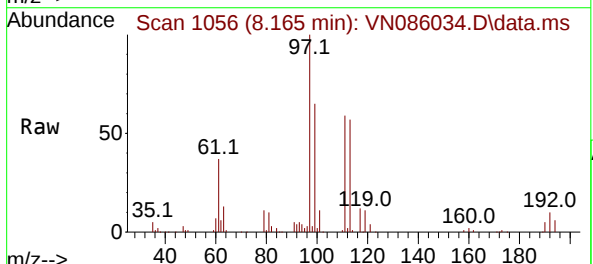
Tgt Ion: 56 Resp: 153558
Ion Ratio Lower Upper
56 100
69 34.0 28.0 42.0
84 94.1 75.0 112.6

Manual Integrations
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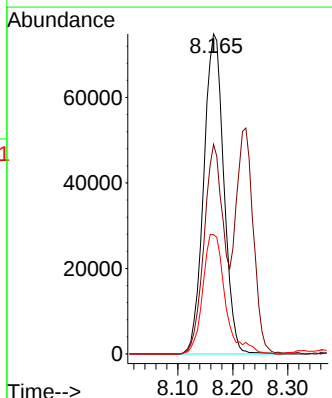
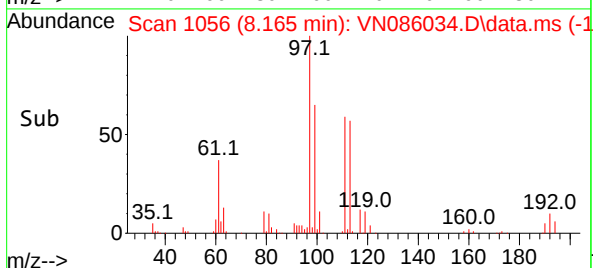
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#32
1,1,1-Trichloroethane
Concen: 47.169 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



Tgt Ion: 97 Resp: 190322
Ion Ratio Lower Upper
97 100
99 64.7 52.8 79.2
61 41.5 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 45.887 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 65 Resp: 12098

Ion Ratio Lower Upper

65 100

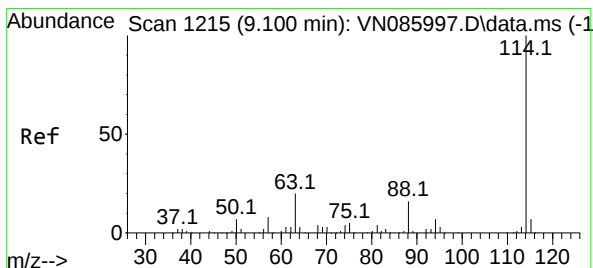
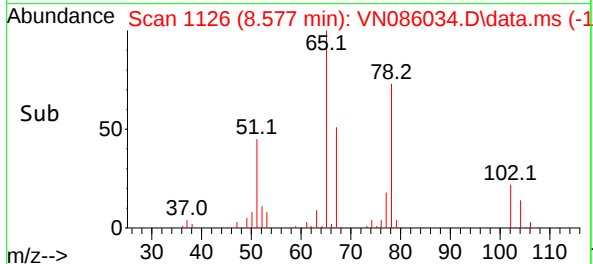
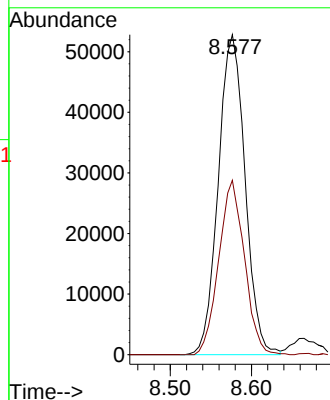
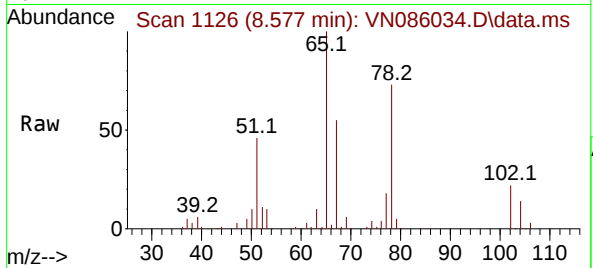
67 52.3 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

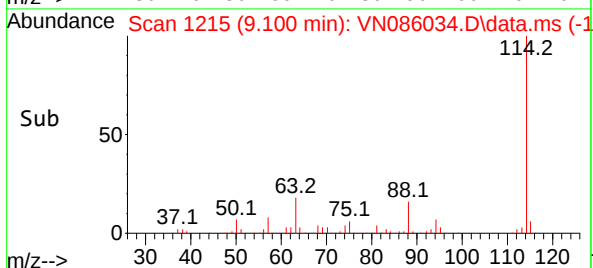
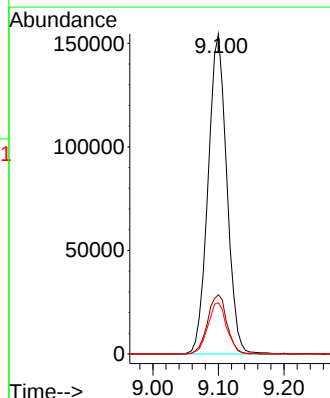
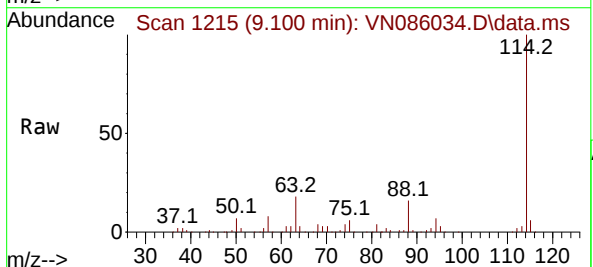
Tgt Ion:114 Resp: 306301

Ion Ratio Lower Upper

114 100

63 18.5 0.0 39.6

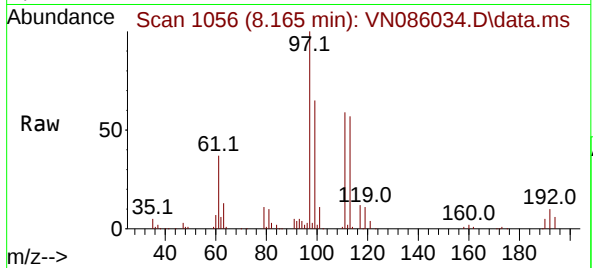
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.497 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

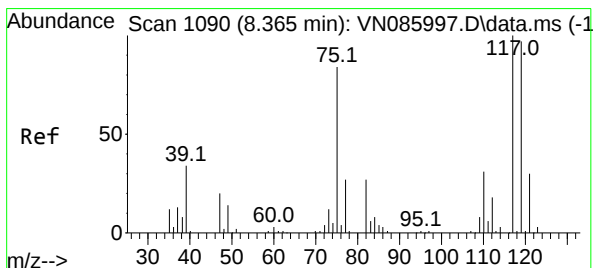
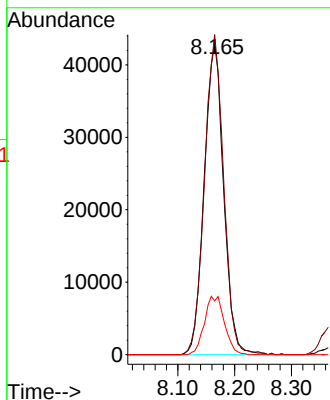
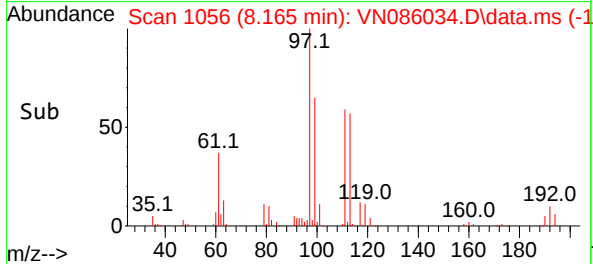
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



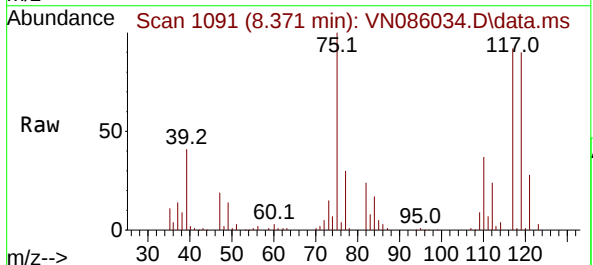
Tgt Ion: 113 Resp: 101549
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 19.4 15.9 23.9

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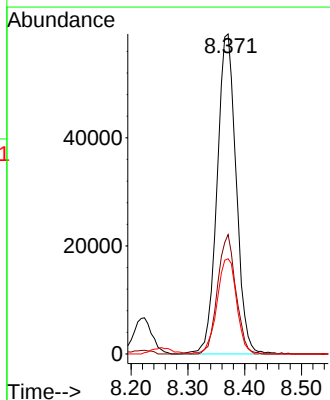
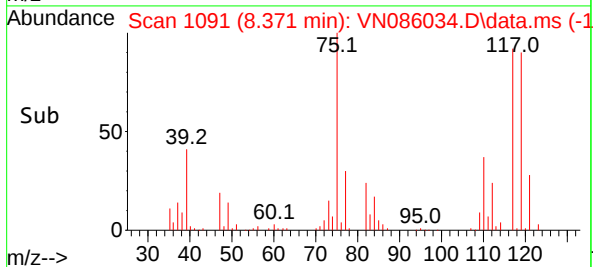
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

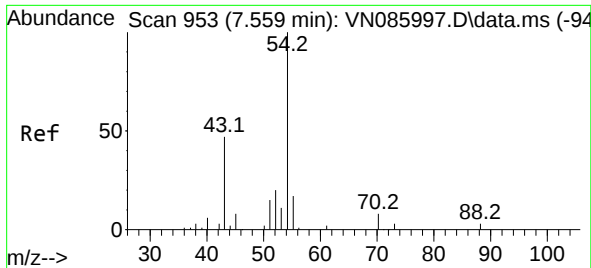


#36
1,1-Dichloropropene
Concen: 49.091 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



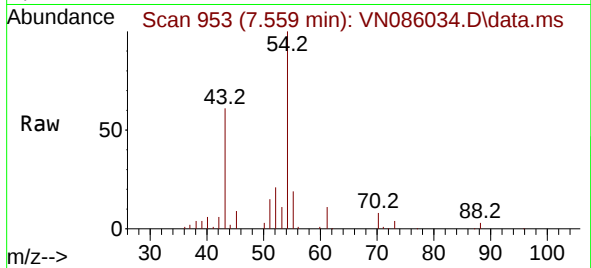
Tgt Ion: 75 Resp: 138197
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 30.5 25.0 37.4





#37
Ethyl Acetate
Concen: 43.779 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

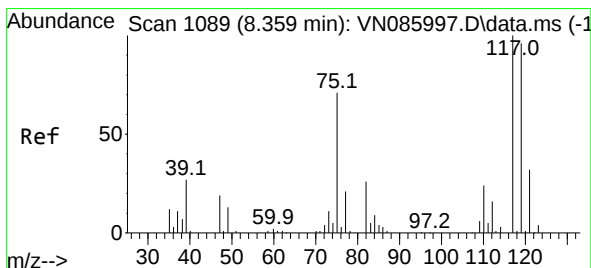
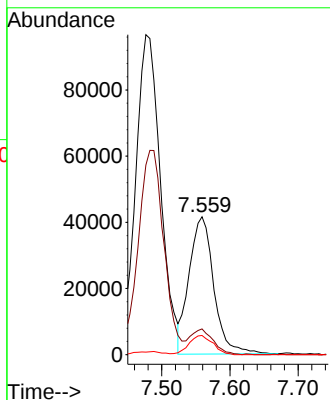
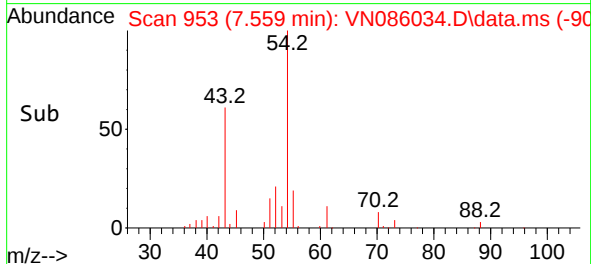
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10397
Ion Ratio Lower Upper
43 100
61 16.7 13.0 19.4
70 13.7 11.0 16.6

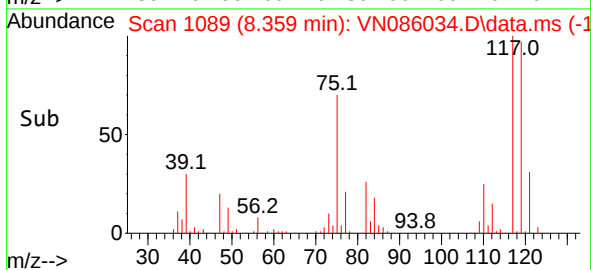
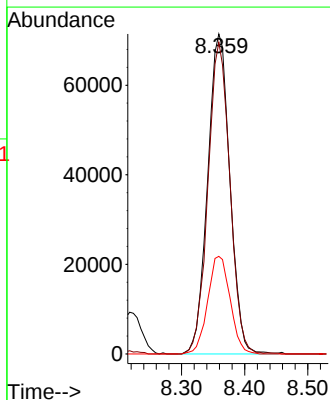
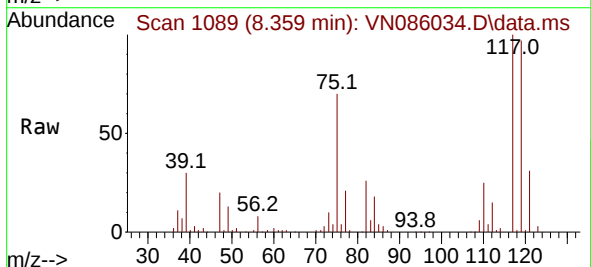
Manual Integrations
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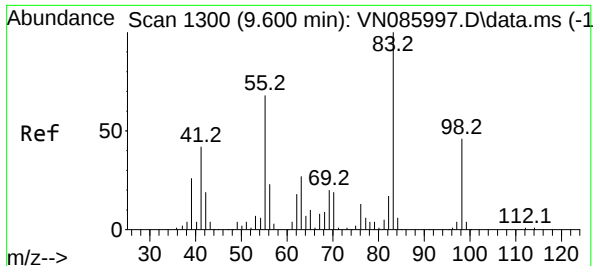
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#38
Carbon Tetrachloride
Concen: 47.326 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:117 Resp: 175173
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.4
121 30.5 25.6 38.4





#39

Methylcyclohexane

Concen: 50.691 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

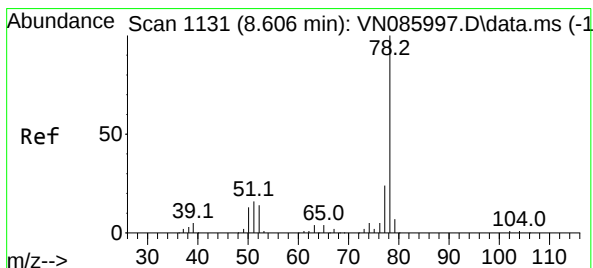
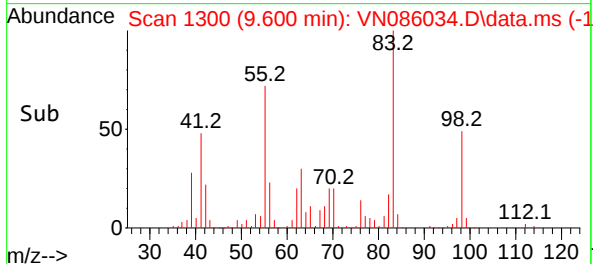
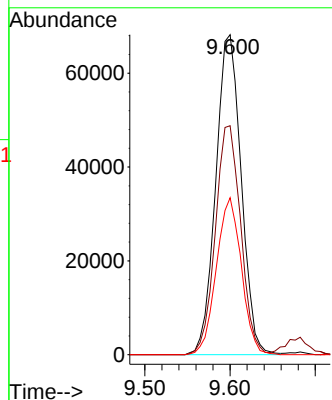
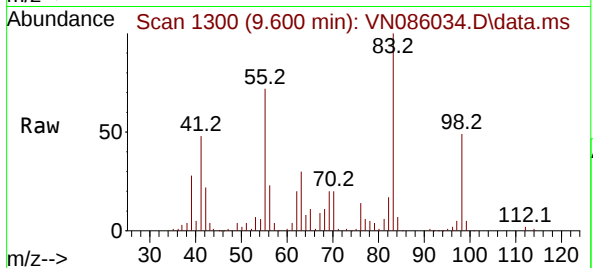
Tgt Ion: 83 Resp: 141579
 Ion Ratio Lower Upper
 83 100
 55 71.5 54.2 81.2
 98 49.1 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#40

Benzene

Concen: 49.197 ug/l

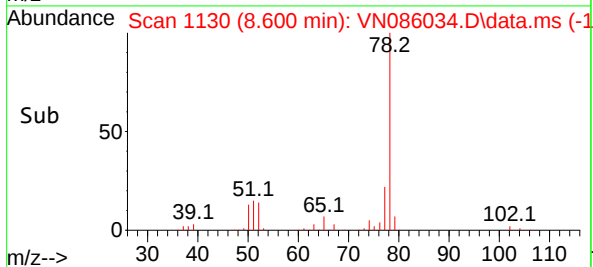
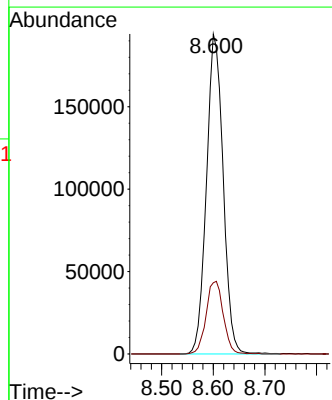
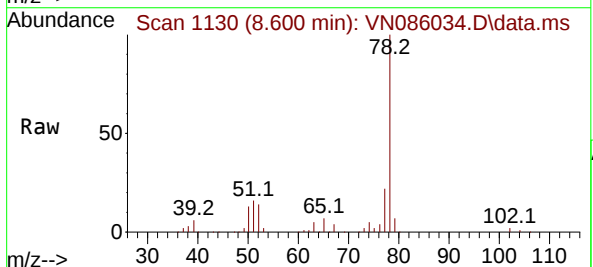
RT: 8.600 min Scan# 1130

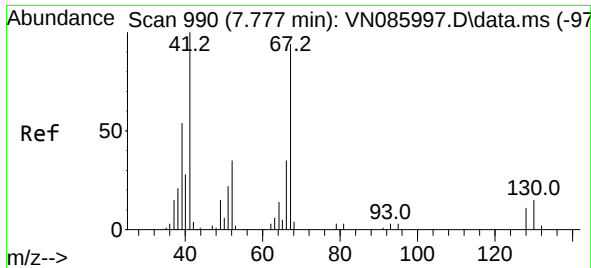
Delta R.T. -0.006 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Tgt Ion: 78 Resp: 434771
 Ion Ratio Lower Upper
 78 100
 77 22.2 18.9 28.3





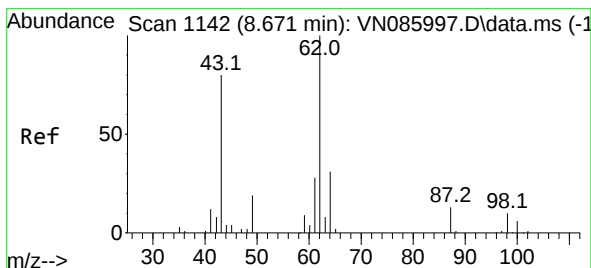
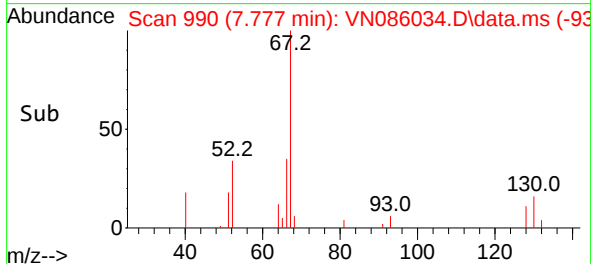
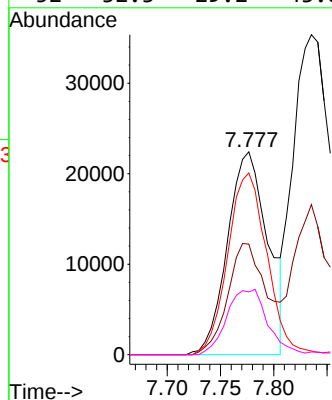
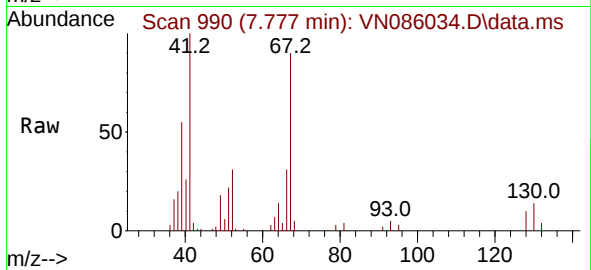
#41
Methacrylonitrile
Concen: 52.219 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	59219
Ion Ratio	Lower	Upper	
41	100		
39	53.4	46.2	69.2
67	86.7	75.9	113.9
52	32.3	29.2	43.8

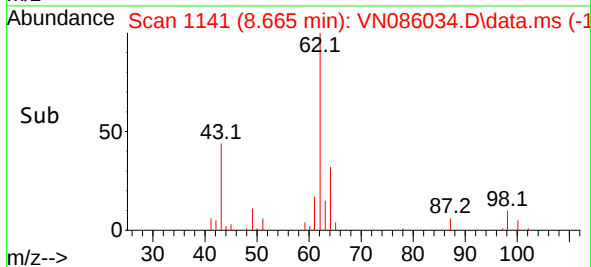
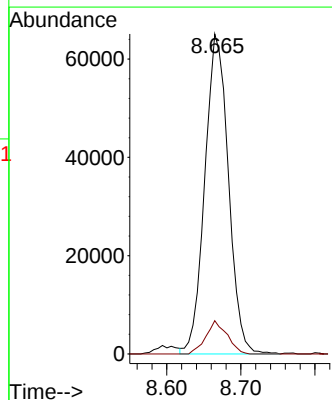
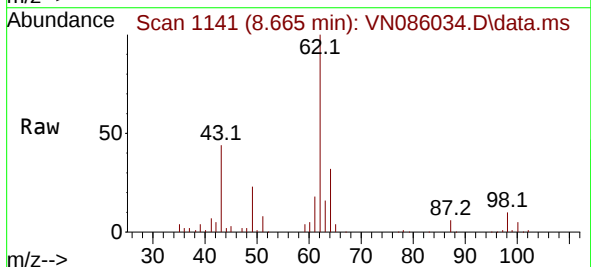
Manual Integrations
APPROVED

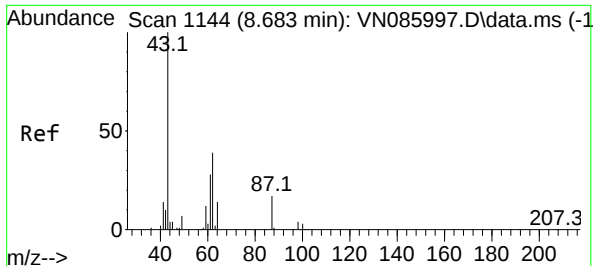
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#42
1,2-Dichloroethane
Concen: 46.818 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

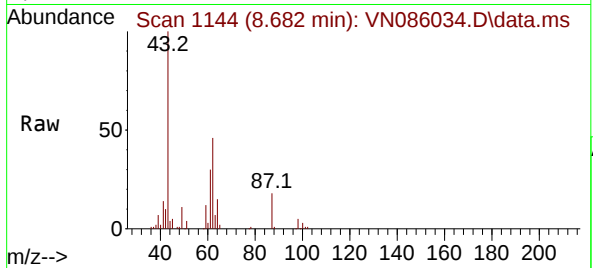
Tgt Ion:	62	Resp:	144169
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	18.6





#43
Isopropyl Acetate
Concen: 35.134 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

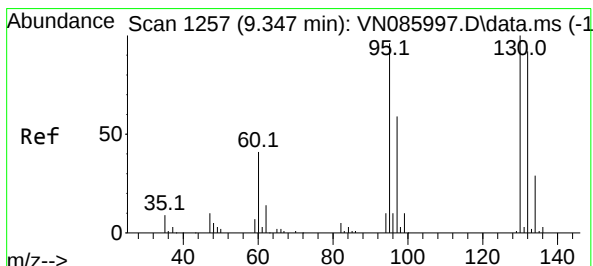
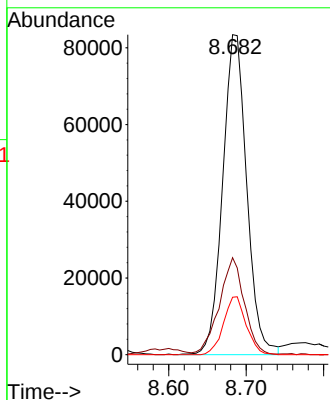
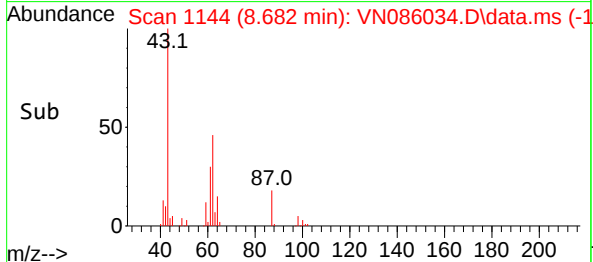
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 18081
Ion Ratio Lower Upper
43 100
61 30.9 25.0 37.6
87 16.9 13.0 19.4

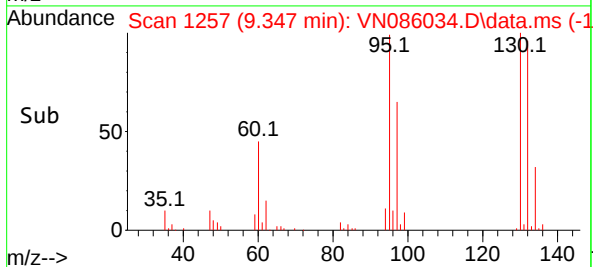
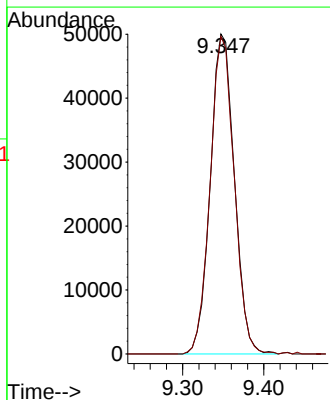
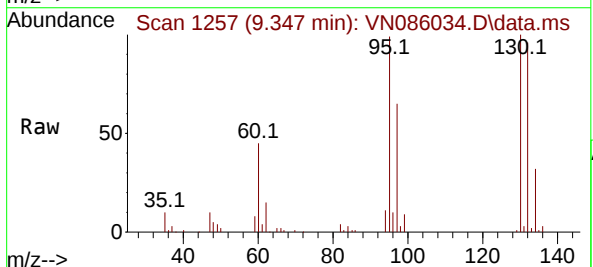
Manual Integrations
APPROVED

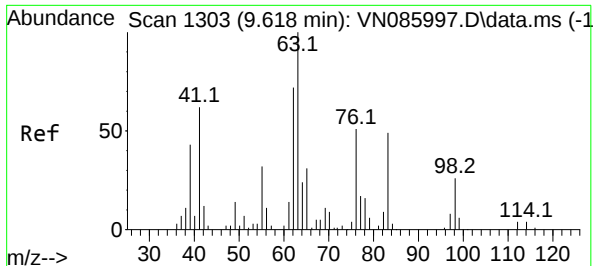
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#44
Trichloroethene
Concen: 45.040 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:130 Resp: 103162
Ion Ratio Lower Upper
130 100
95 99.2 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.699 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 101900

Ion Ratio Lower Upper

63 100

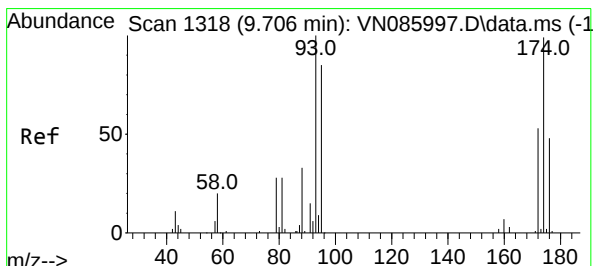
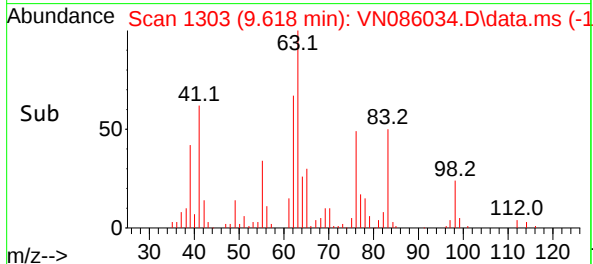
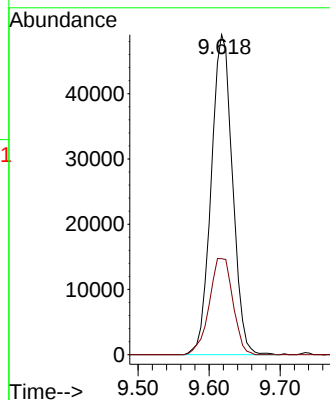
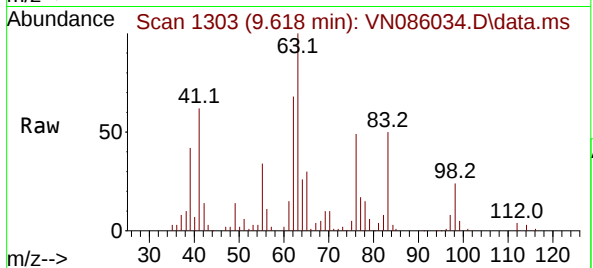
65 30.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#46

Dibromomethane

Concen: 47.341 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

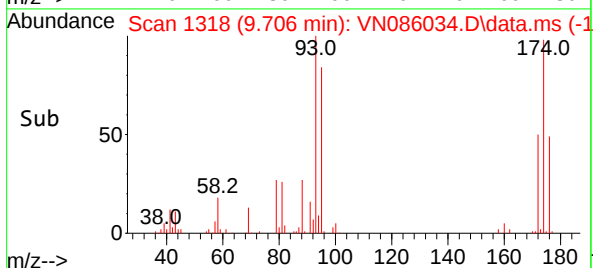
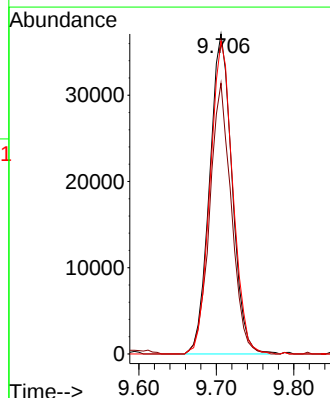
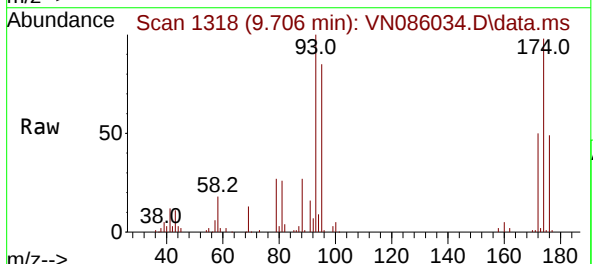
Tgt Ion: 93 Resp: 74834

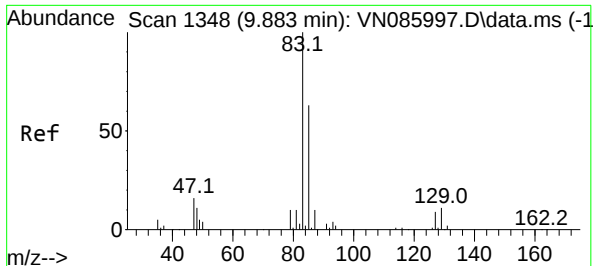
Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.2

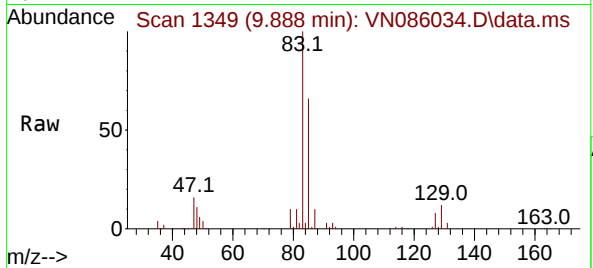
174 98.1 80.1 120.1





#47
Bromodichloromethane
Concen: 48.669 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

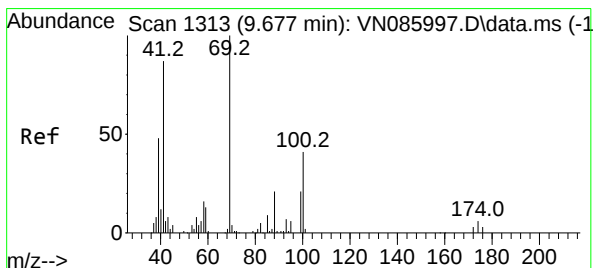
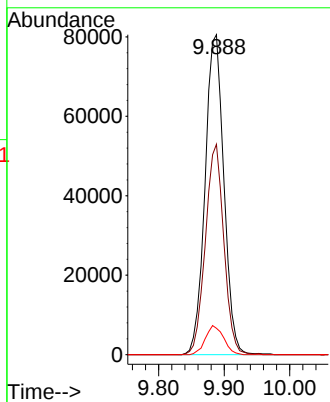
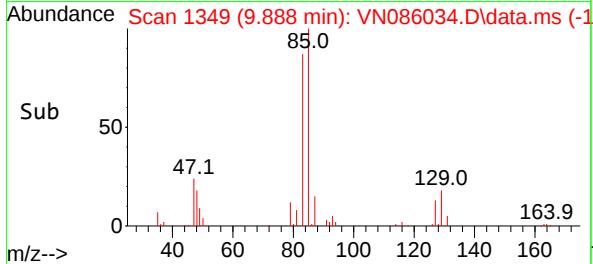
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 160780
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.2
127 8.3 7.1 10.7

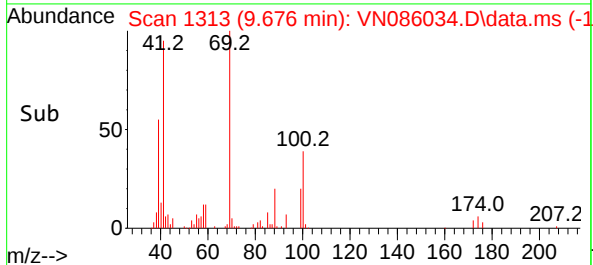
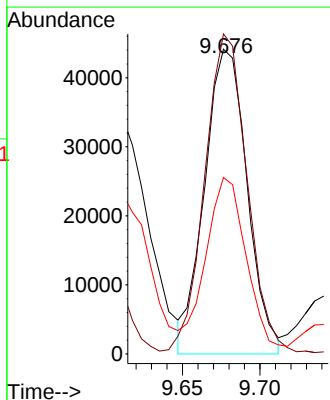
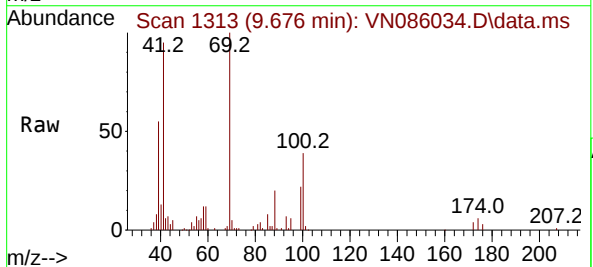
Manual Integrations
APPROVED

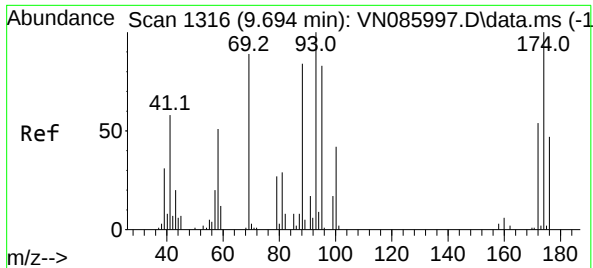
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#48
Methyl methacrylate
Concen: 49.658 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

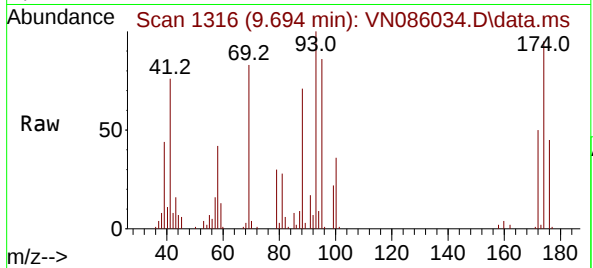
Tgt Ion: 41 Resp: 84333
Ion Ratio Lower Upper
41 100
69 103.6 83.1 124.7
39 56.3 45.6 68.4





#49
1,4-Dioxane
Concen: 910.693 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

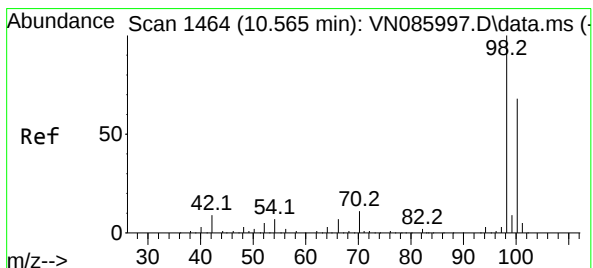
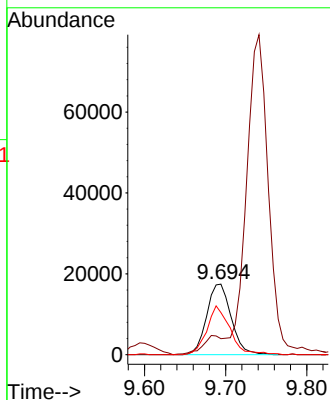
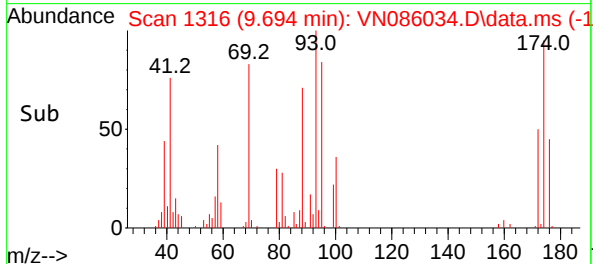
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



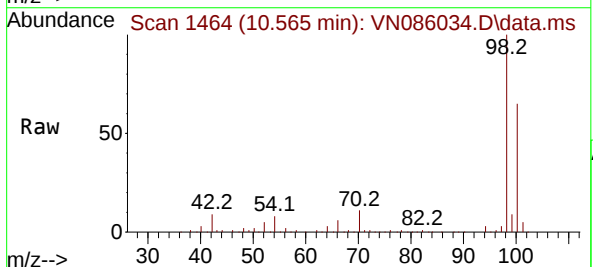
Tgt Ion: 88 Resp: 3656
Ion Ratio Lower Upper
88 100
43 20.6 21.7 32.5
58 65.6 50.4 75.6

Manual Integrations
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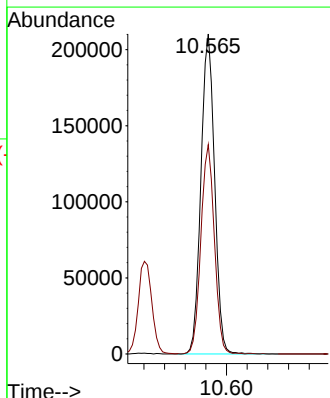
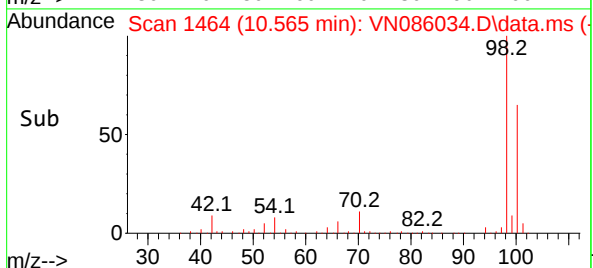
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

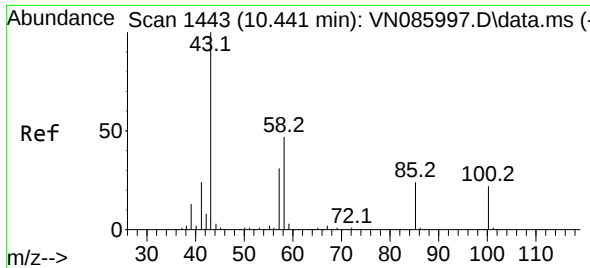


#50
Toluene-d8
Concen: 49.614 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



Tgt Ion: 98 Resp: 384968
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7





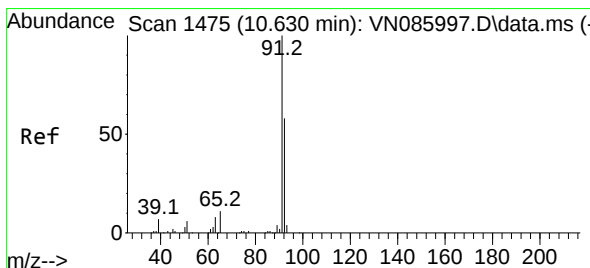
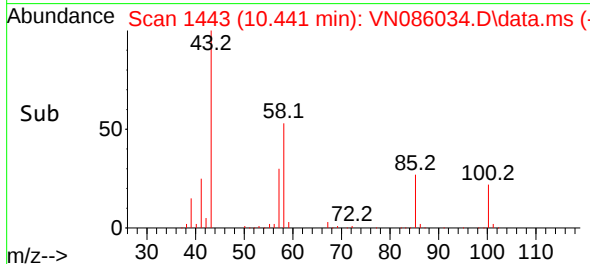
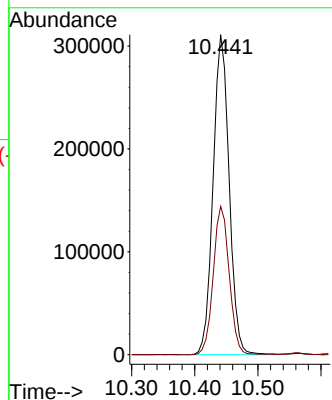
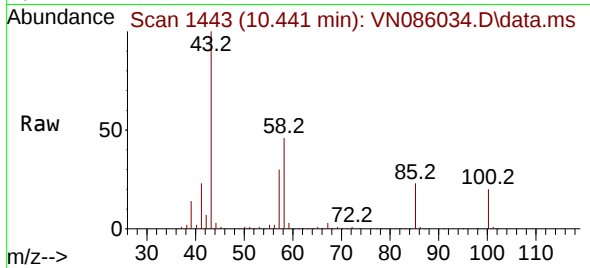
#51
4-Methyl-2-Pentanone
Concen: 241.680 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 548540
Ion Ratio Lower Upper
43 100
58 46.1 37.4 56.0

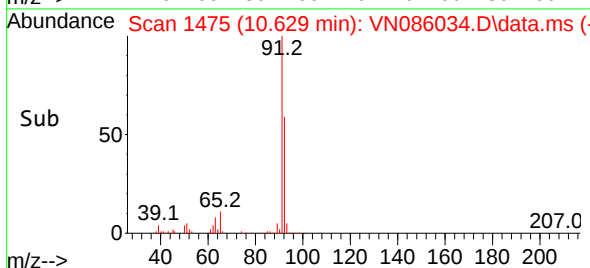
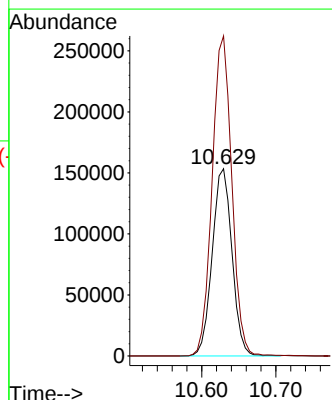
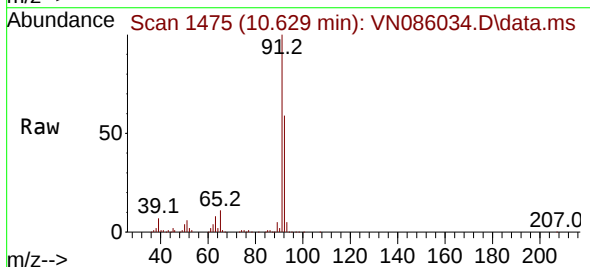
Manual Integrations
APPROVED

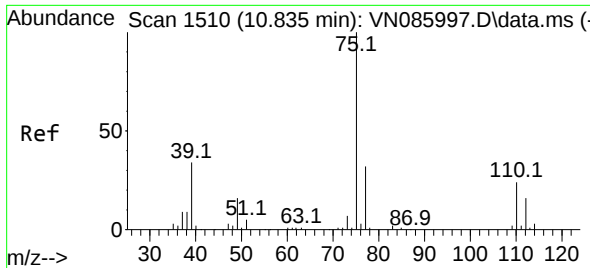
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#52
Toluene
Concen: 52.400 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

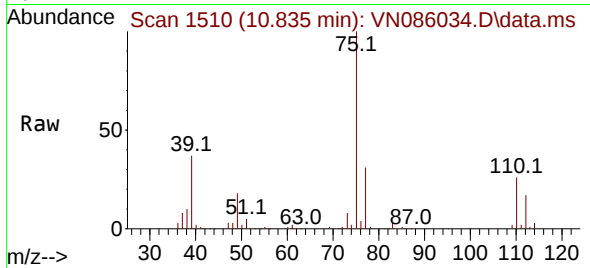
Tgt Ion: 92 Resp: 284214
Ion Ratio Lower Upper
92 100
91 170.0 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 49.885 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

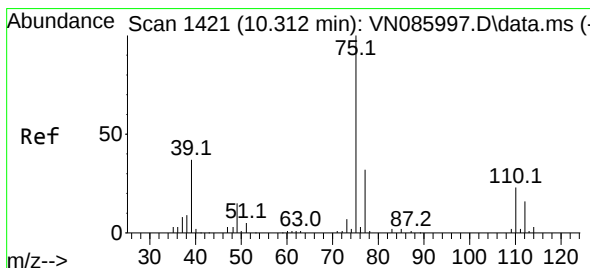
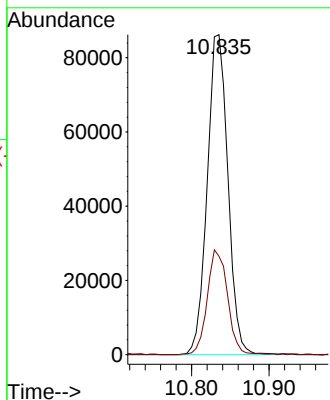
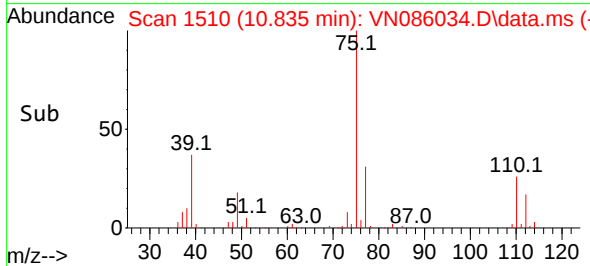
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



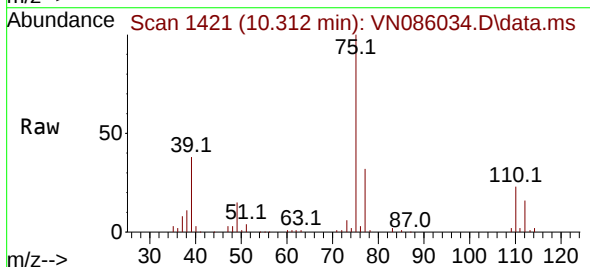
Tgt Ion: 75 Resp: 16005
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9

Manual Integrations
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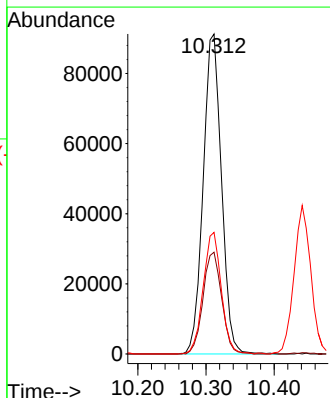
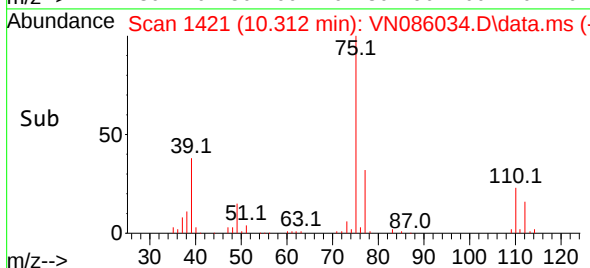
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

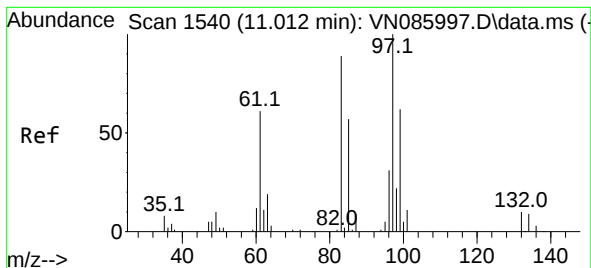


#54
cis-1,3-Dichloropropene
Concen: 50.236 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



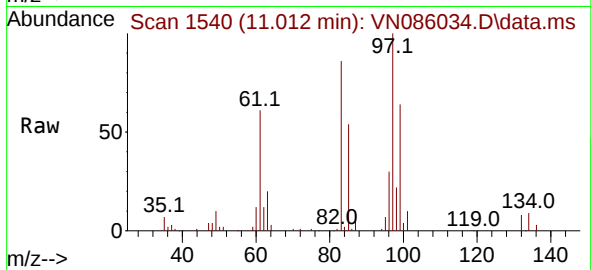
Tgt Ion: 75 Resp: 170054
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 38.0 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 49.571 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

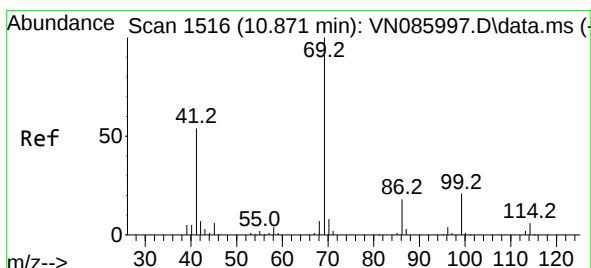
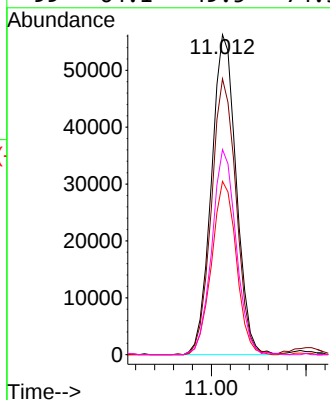
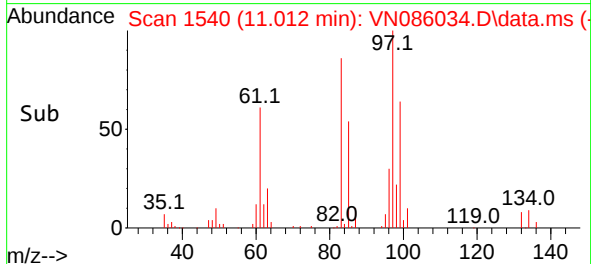
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 10262
Ion Ratio Lower Upper
97 100
83 85.9 71.2 106.8
85 54.1 45.4 68.0
99 64.1 49.5 74.3

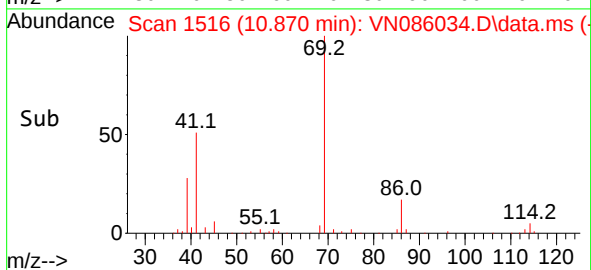
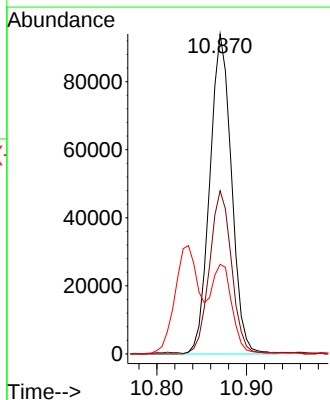
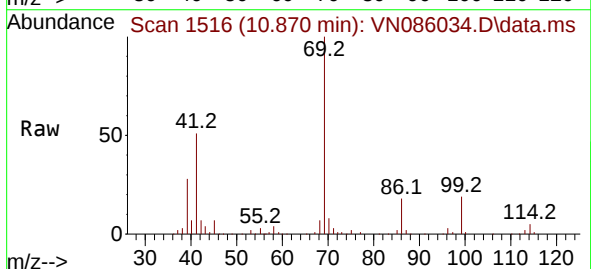
Manual Integrations
APPROVED

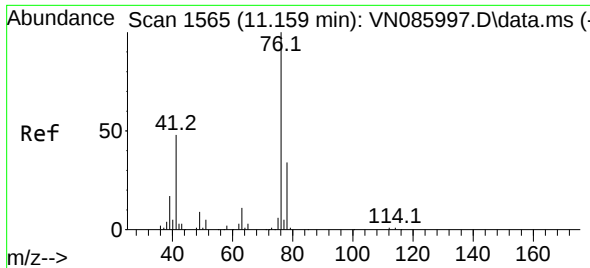
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#56
Ethyl methacrylate
Concen: 49.075 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

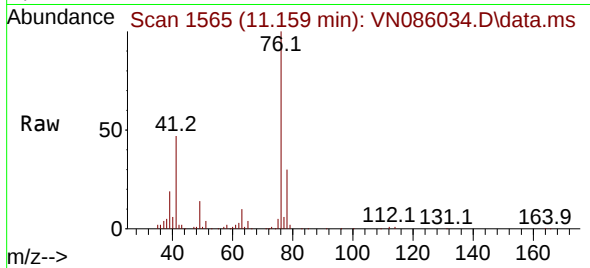
Tgt Ion: 69 Resp: 157887
Ion Ratio Lower Upper
69 100
41 51.3 41.6 62.4
39 27.7 21.8 32.8





#57
1,3-Dichloropropane
Concen: 49.840 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

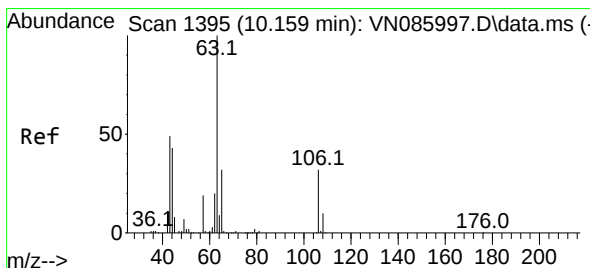
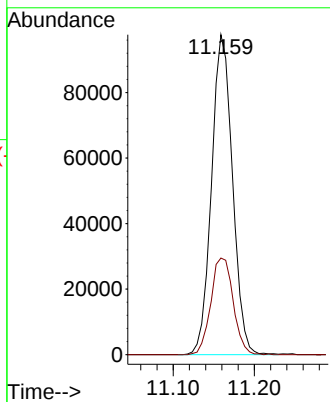
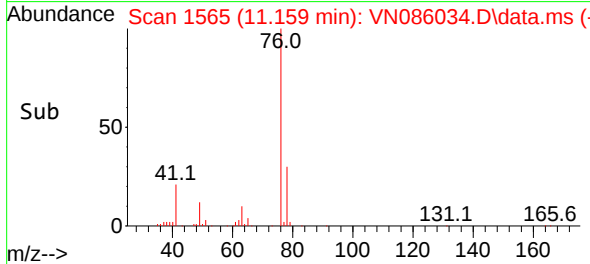
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 175249
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

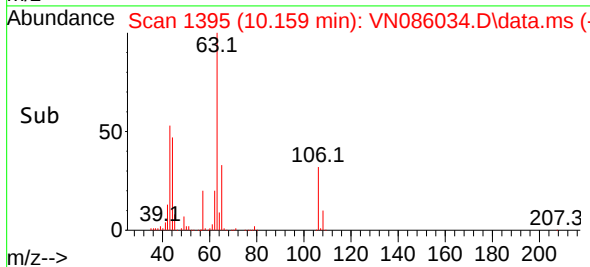
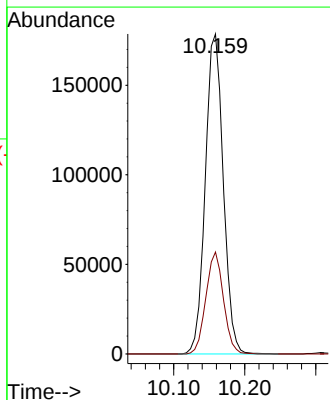
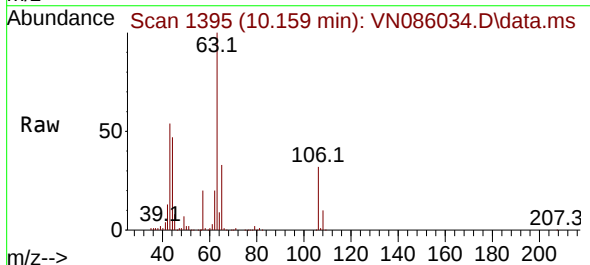
Manual Integrations
APPROVED

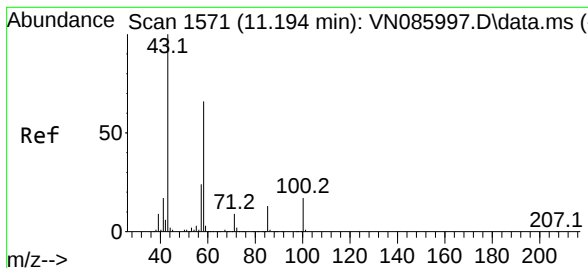
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 253.405 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 63 Resp: 314100
Ion Ratio Lower Upper
63 100
106 31.1 25.0 37.6





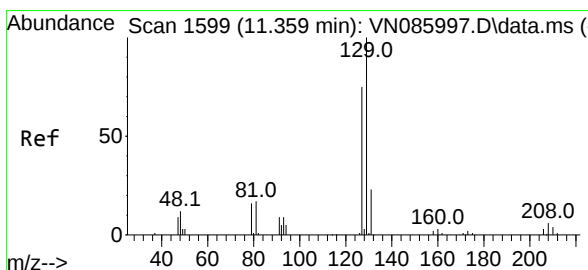
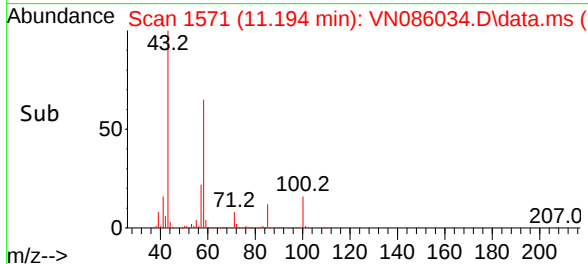
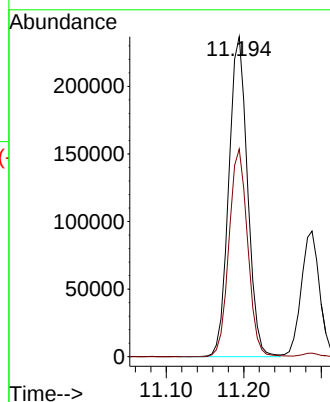
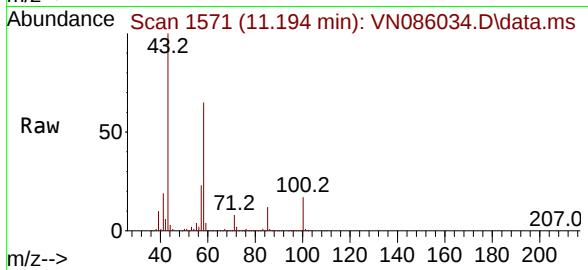
#59
2-Hexanone
Concen: 240.929 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 398360
Ion Ratio Lower Upper
43 100
58 64.6 32.4 97.2

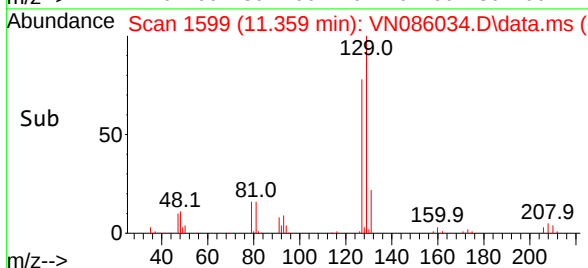
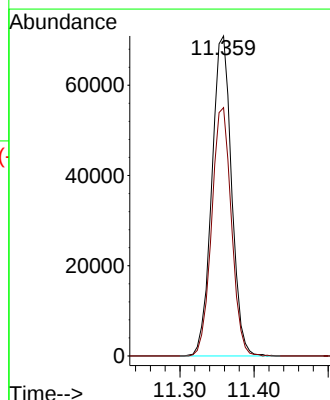
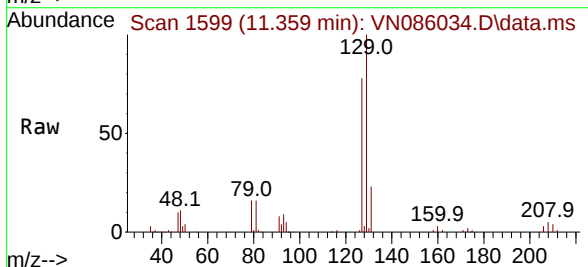
Manual Integrations
APPROVED

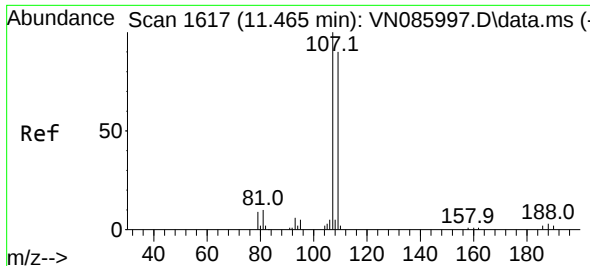
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#60
Dibromochloromethane
Concen: 49.057 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

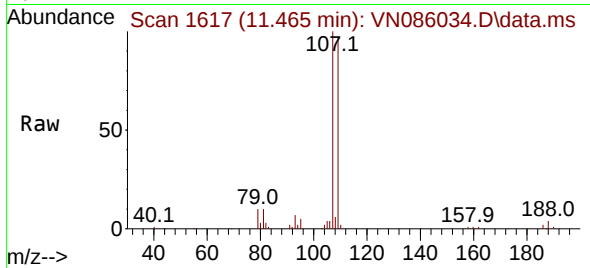
Tgt Ion:129 Resp: 131049
Ion Ratio Lower Upper
129 100
127 77.5 37.8 113.4





#61
1,2-Dibromoethane
Concen: 48.690 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

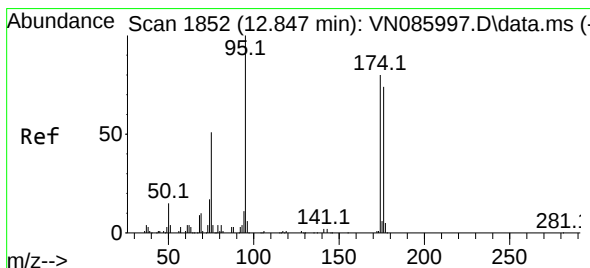
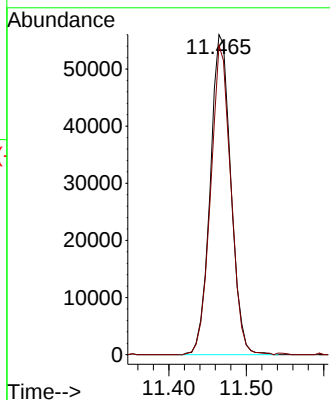
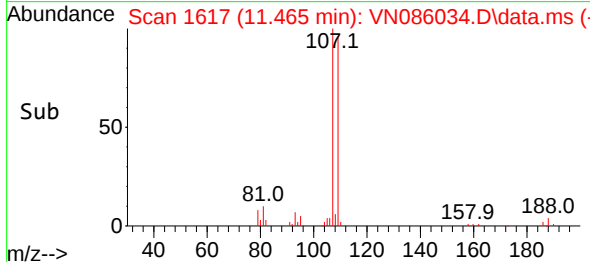
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



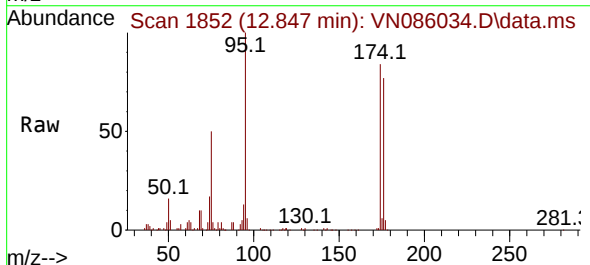
Tgt Ion:107 Resp: 10348
Ion Ratio Lower Upper
107 100
109 94.7 73.3 109.9

Manual Integrations
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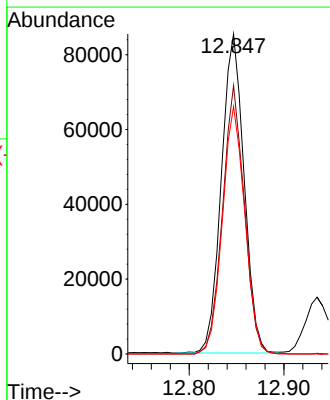
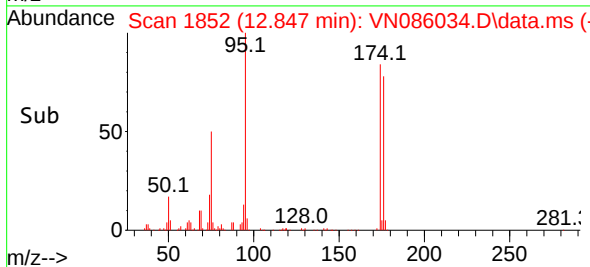
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

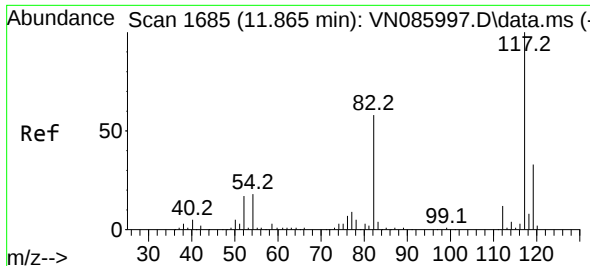


#62
4-Bromofluorobenzene
Concen: 51.228 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



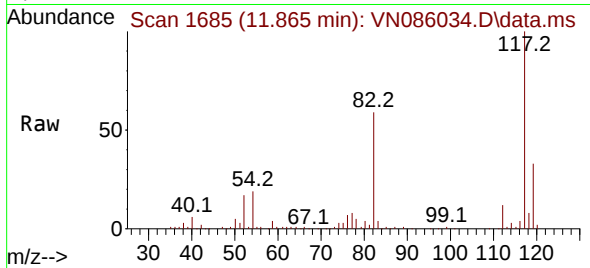
Tgt Ion: 95 Resp: 141756
Ion Ratio Lower Upper
95 100
174 80.9 0.0 156.8
176 76.9 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

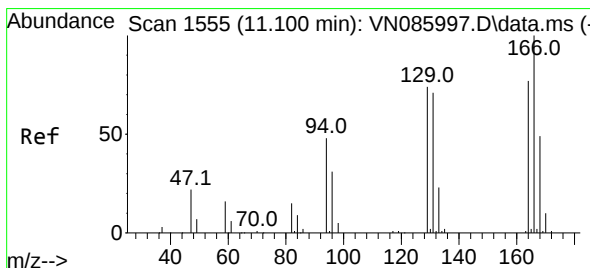
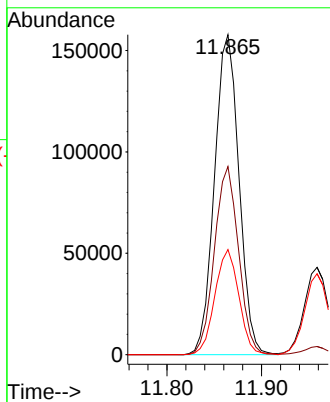
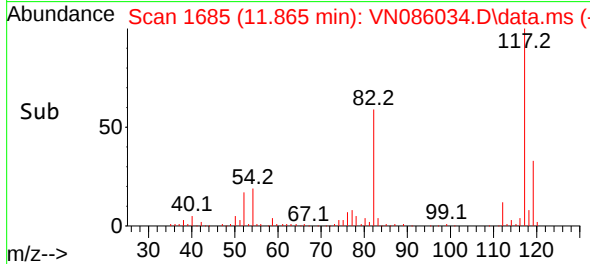
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



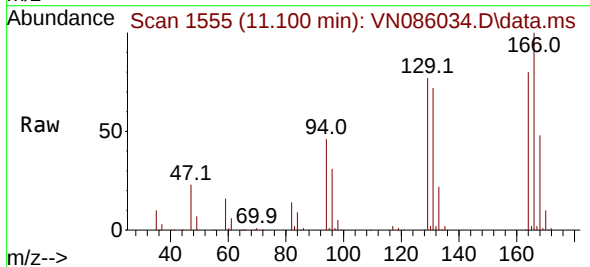
Tgt Ion:117 Resp: 28393
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.9 26.5 39.7

Manual Integrations
APPROVED

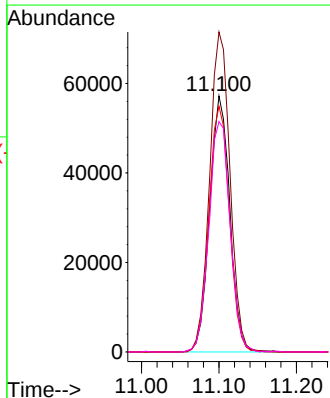
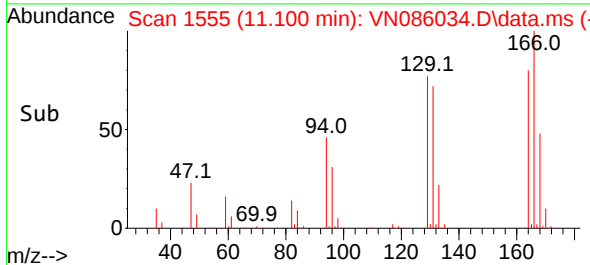
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

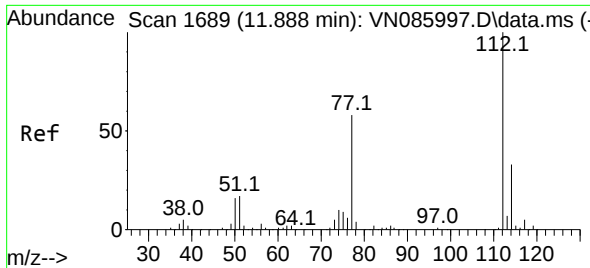


#64
Tetrachloroethene
Concen: 45.715 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



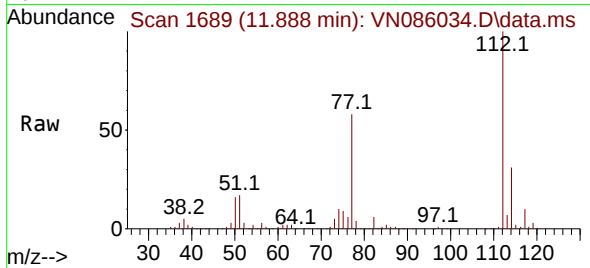
Tgt Ion:164 Resp: 103545
Ion Ratio Lower Upper
164 100
166 125.0 103.7 155.5
129 95.9 77.1 115.7
131 90.0 73.3 109.9





#65
Chlorobenzene
Concen: 47.590 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

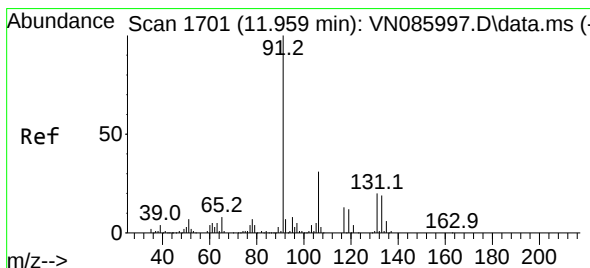
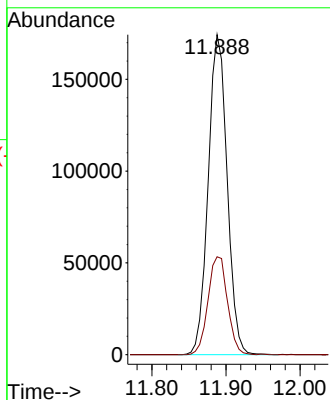
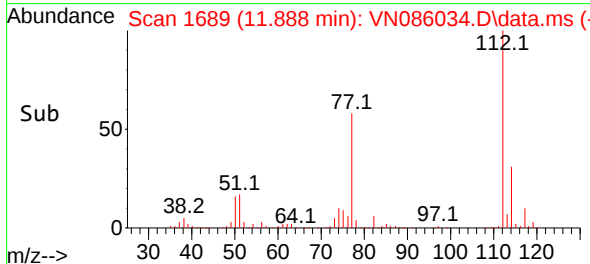
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



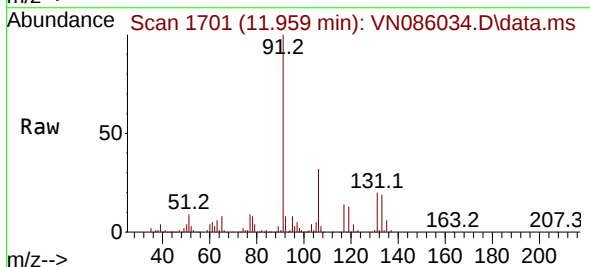
Tgt Ion:112 Resp: 30920
Ion Ratio Lower Upper
112 100
114 30.6 26.3 39.5

Manual Integrations
APPROVED

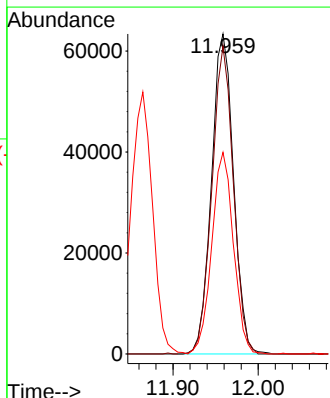
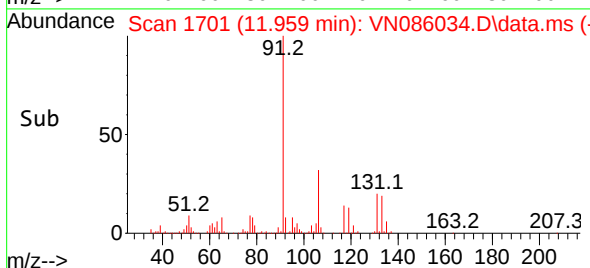
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

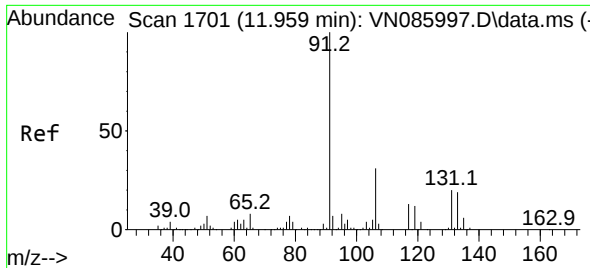


#66
1,1,1,2-Tetrachloroethane
Concen: 47.110 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



Tgt Ion:131 Resp: 113783
Ion Ratio Lower Upper
131 100
133 93.9 47.0 141.0
119 62.0 31.4 94.0





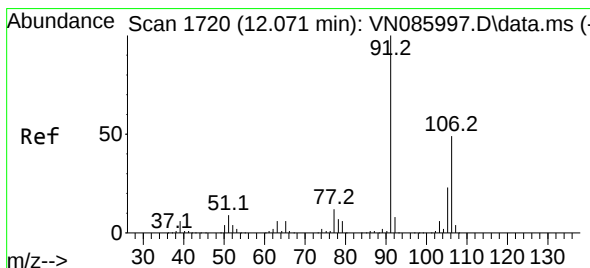
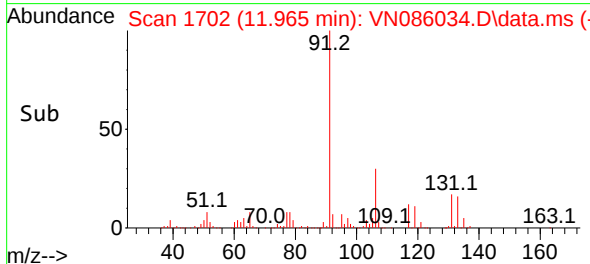
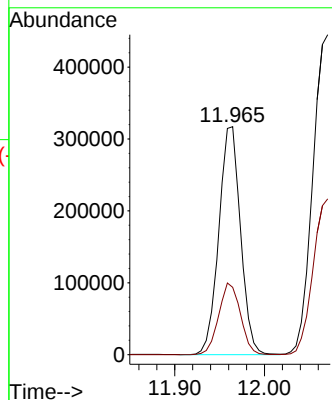
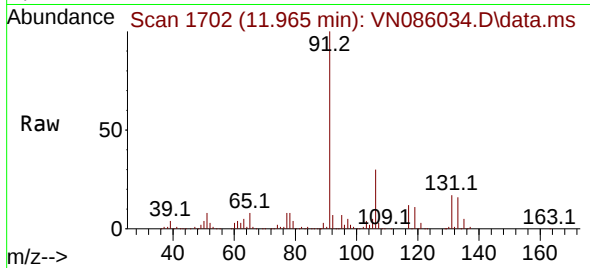
#67
Ethyl Benzene
Concen: 51.323 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 53341
Ion Ratio Lower Upper
91 100
106 29.5 24.5 36.7

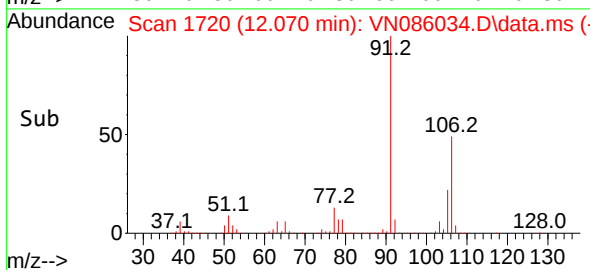
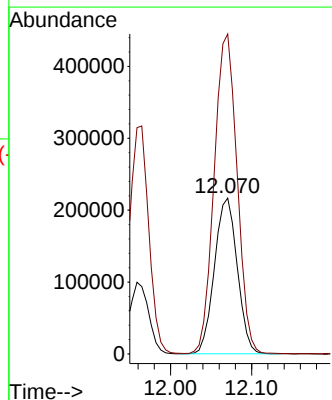
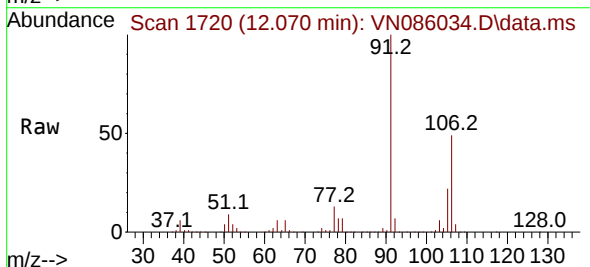
Manual Integrations
APPROVED

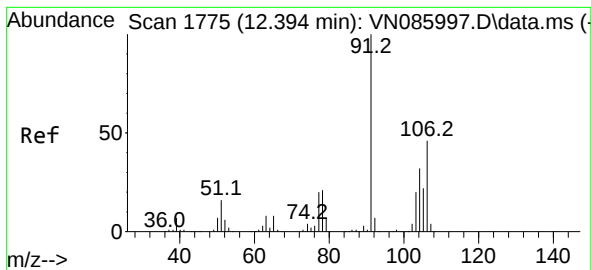
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#68
m/p-Xylenes
Concen: 103.532 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:106 Resp: 422926
Ion Ratio Lower Upper
106 100
91 206.7 163.9 245.9





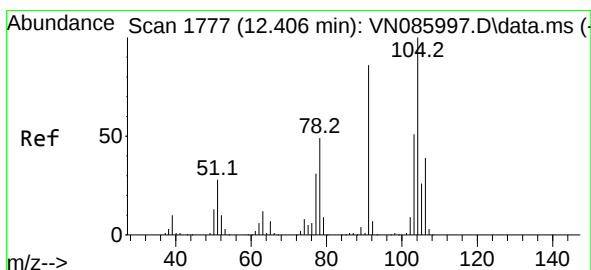
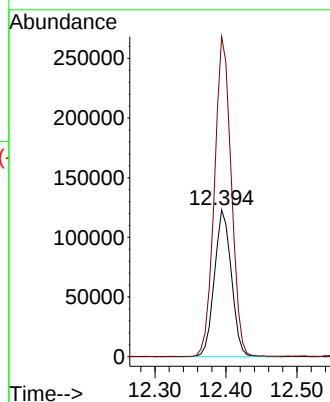
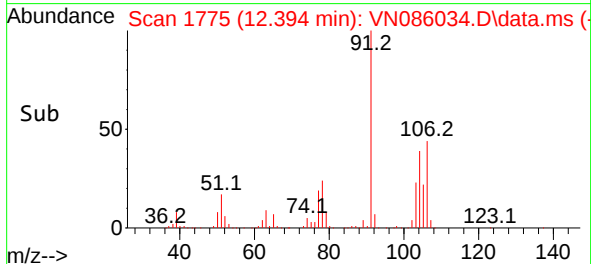
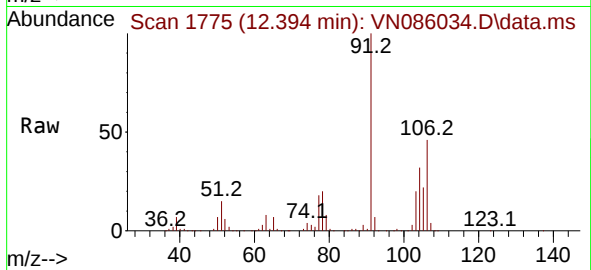
#69
o-Xylene
Concen: 54.184 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 203150
Ion Ratio Lower Upper
106 100
91 217.0 109.1 327.2

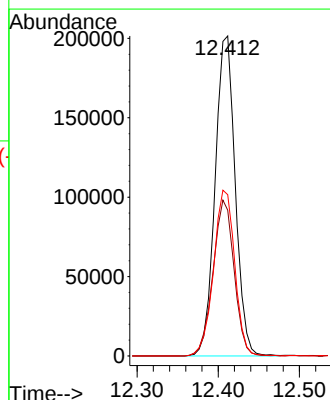
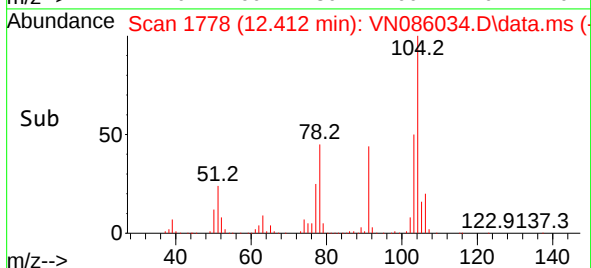
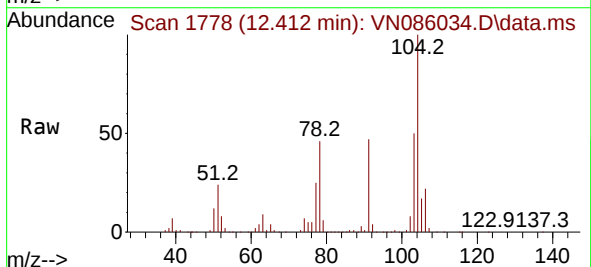
Manual Integrations
APPROVED

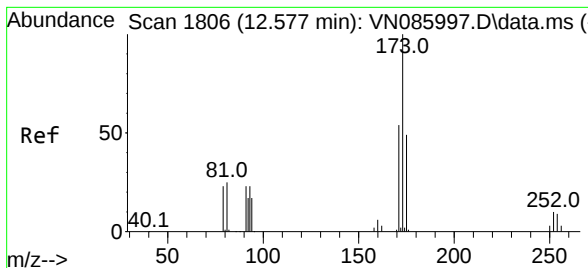
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#70
Styrene
Concen: 54.316 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:104 Resp: 347832
Ion Ratio Lower Upper
104 100
78 51.1 41.4 62.2
103 54.5 42.9 64.3





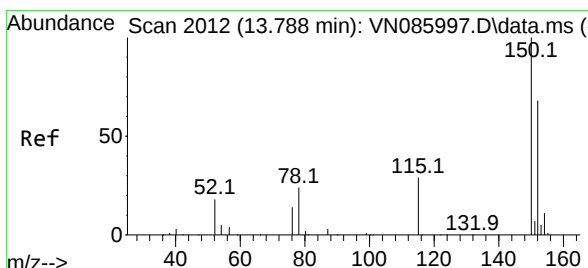
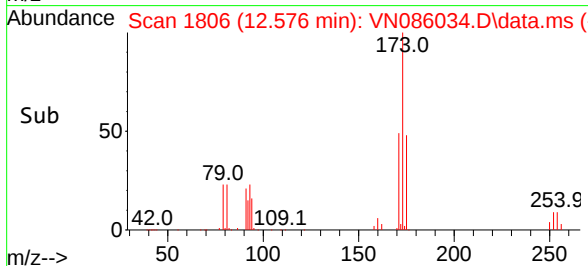
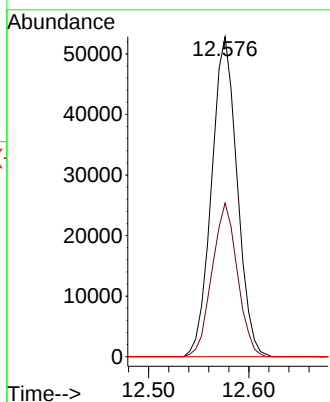
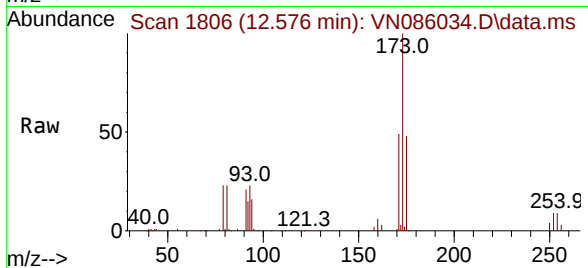
#71
Bromoform
Concen: 46.406 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 9369
Ion Ratio Lower Upper
173 100
175 47.5 24.3 73.0
254 0.0 0.0 0.0

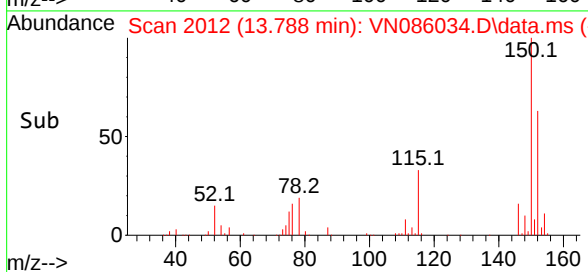
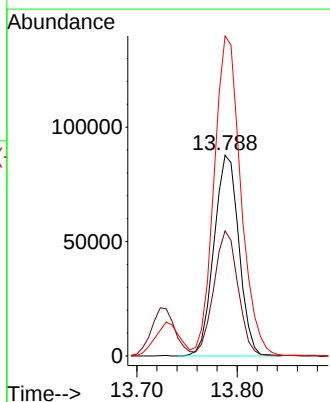
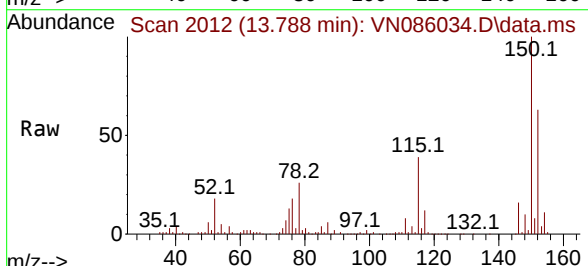
Manual Integrations
APPROVED

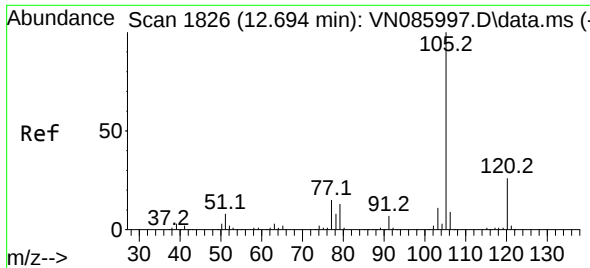
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:152 Resp: 151272
Ion Ratio Lower Upper
152 100
115 61.1 31.1 93.2
150 170.8 0.0 359.6





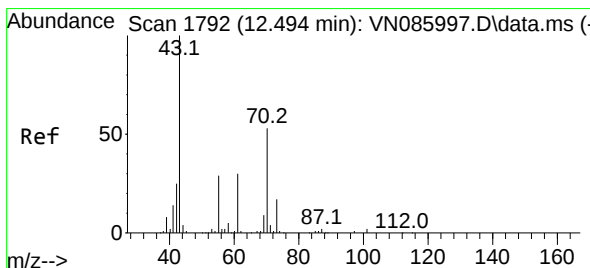
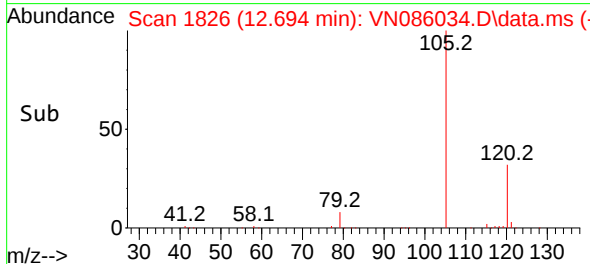
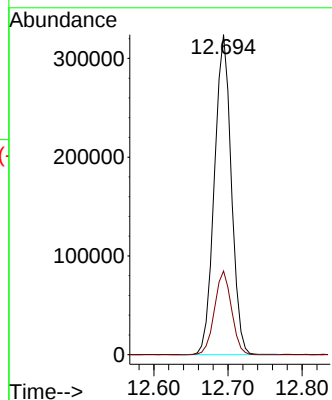
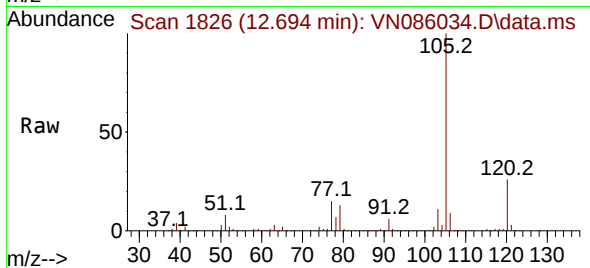
#73
Isopropylbenzene
Concen: 49.598 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 512349
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

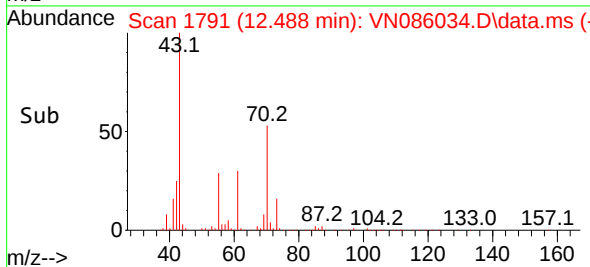
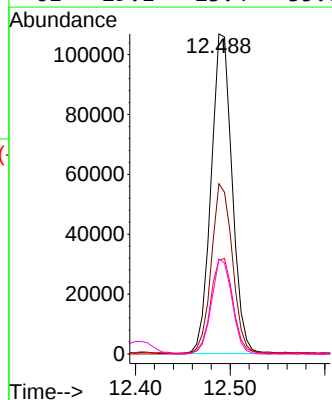
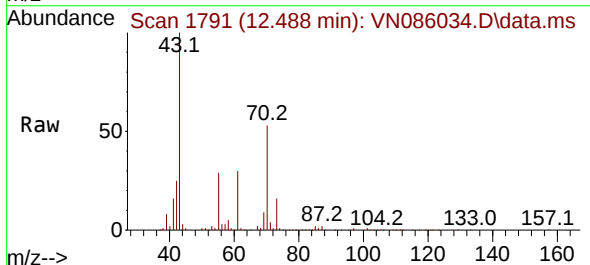
Manual Integrations
APPROVED

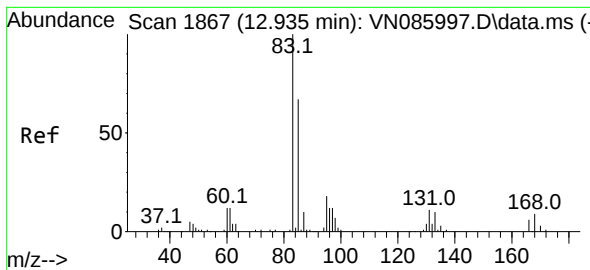
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#74
N-ethyl acetate
Concen: 47.641 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 43 Resp: 164653
Ion Ratio Lower Upper
43 100
70 53.5 43.0 64.4
55 30.5 23.8 35.8
61 29.1 23.4 35.0





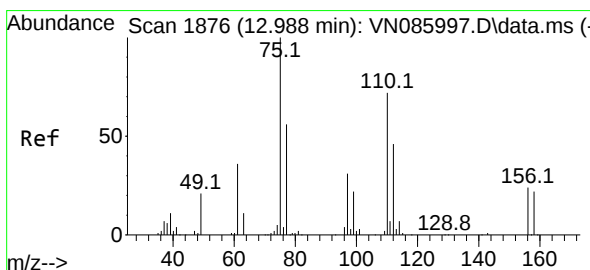
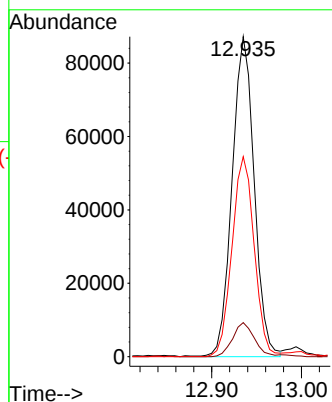
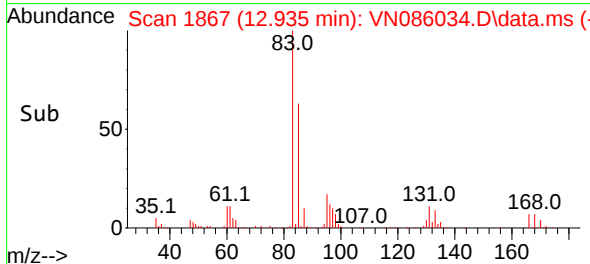
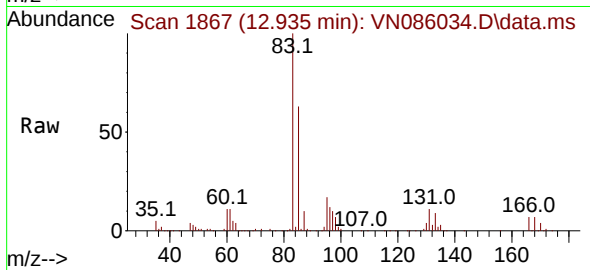
#75
1,1,2,2-Tetrachloroethane
Concen: 42.723 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 149310
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.5
85 62.8 32.6 97.8

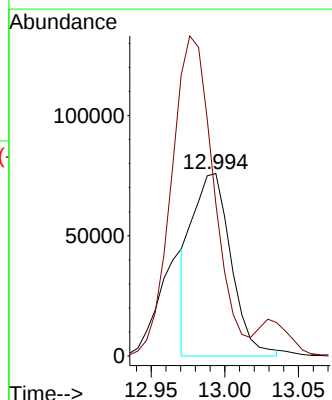
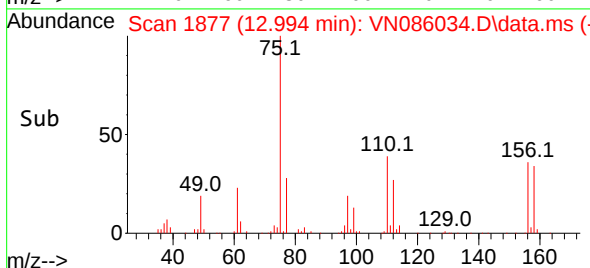
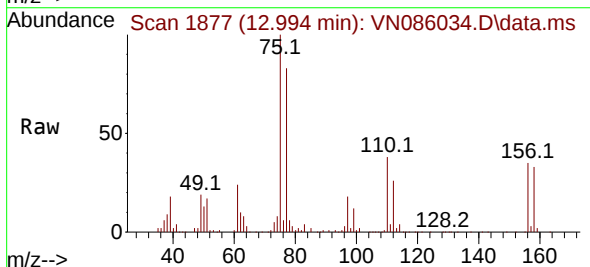
Manual Integrations
APPROVED

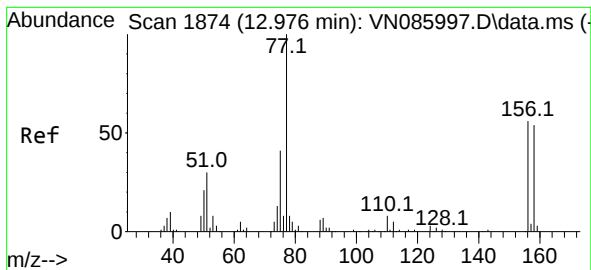
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#76
1,2,3-Trichloropropane
Concen: 41.231 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 75 Resp: 139637
Ion Ratio Lower Upper
75 100
77 191.3 83.7 251.0





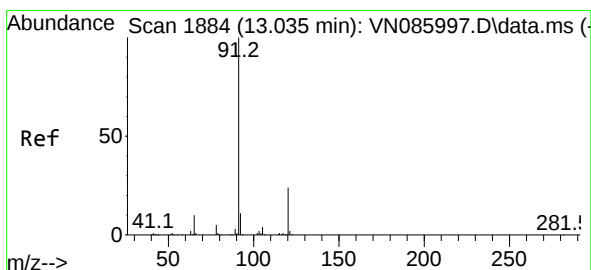
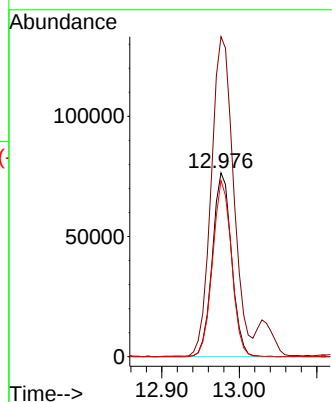
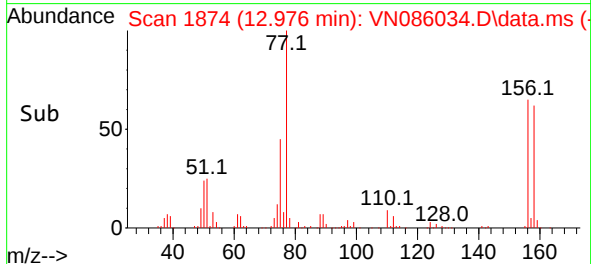
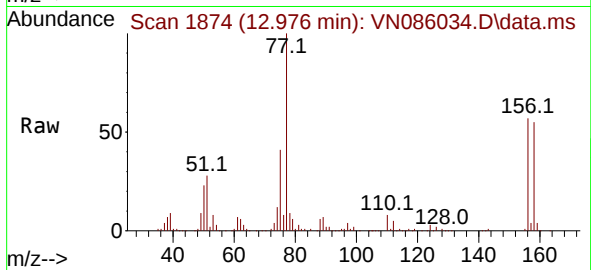
#77
Bromobenzene
Concen: 45.669 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 131548
Ion Ratio Lower Upper
156 100
77 203.1 104.1 312.3
158 94.2 49.0 147.0

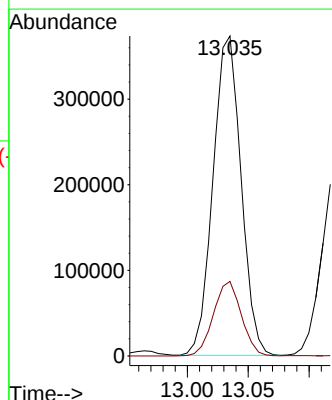
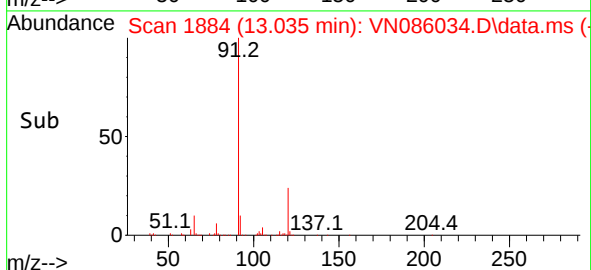
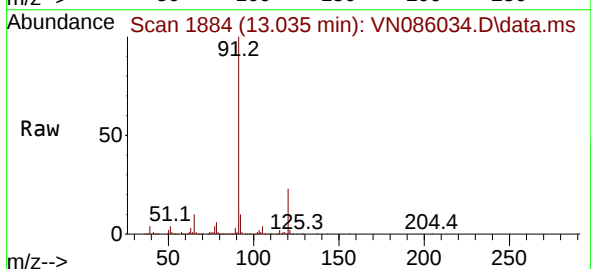
Manual Integrations
APPROVED

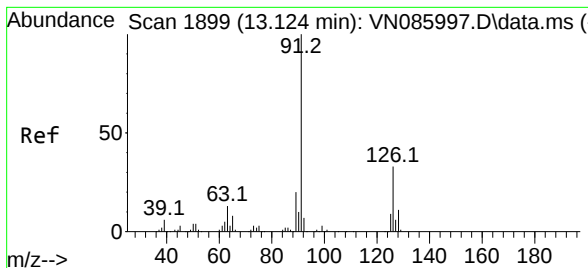
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#78
n-propylbenzene
Concen: 51.127 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 91 Resp: 598058
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.0





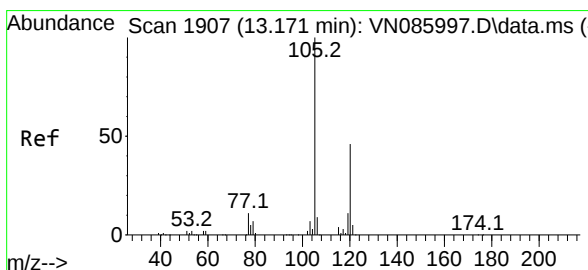
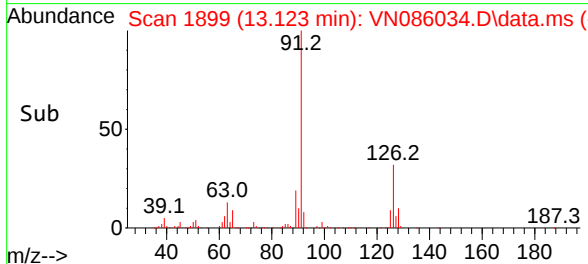
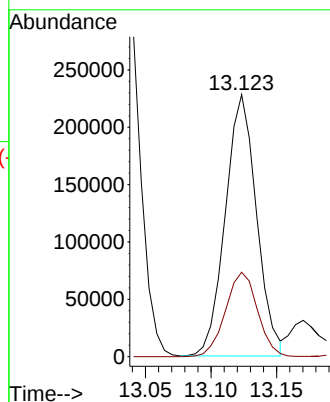
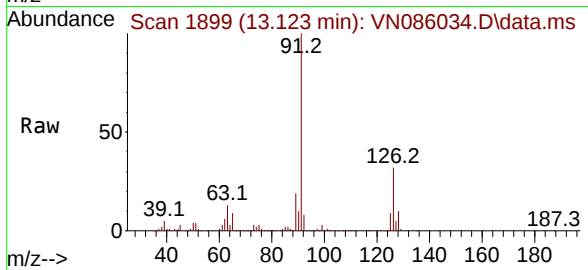
#79
2-Chlorotoluene
Concen: 48.606 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 37765
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2

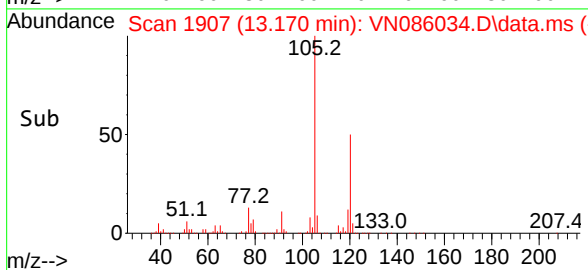
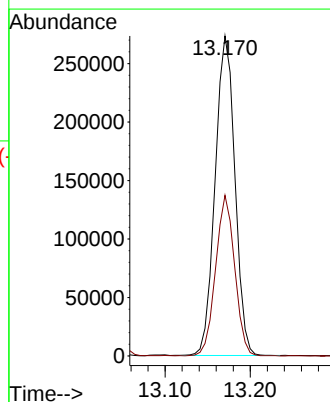
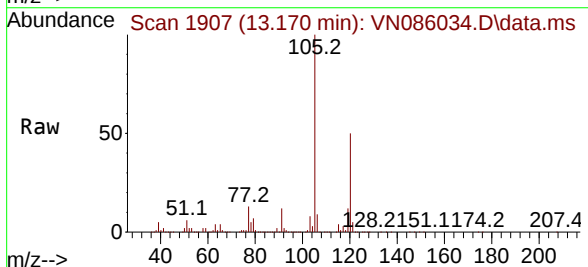
Manual Integrations
APPROVED

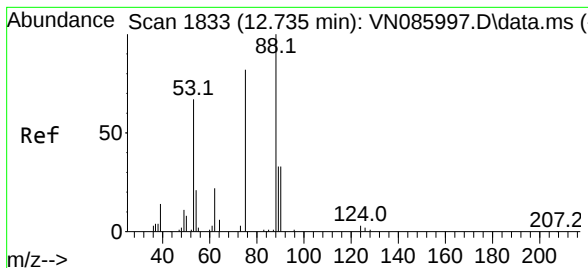
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.474 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:105 Resp: 440218
Ion Ratio Lower Upper
105 100
120 48.6 23.7 71.1





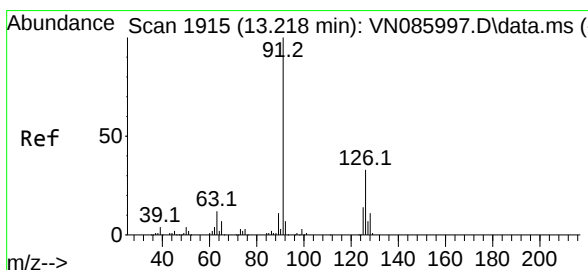
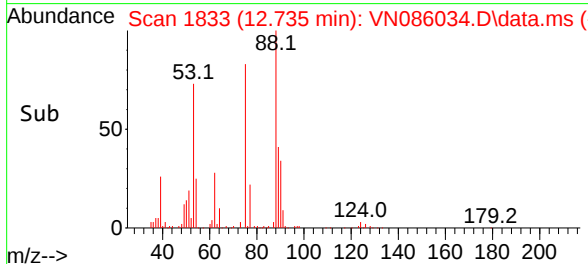
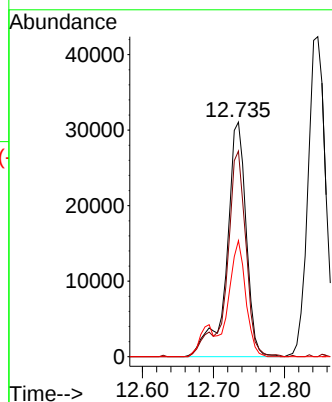
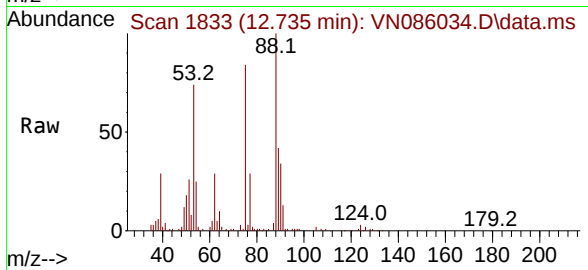
#81
trans-1,4-Dichloro-2-butene
Concen: 46.237 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 59229
Ion Ratio Lower Upper
75 100
53 85.8 66.0 99.0
89 42.0 36.9 55.3

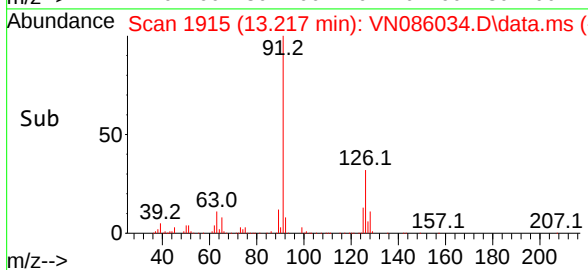
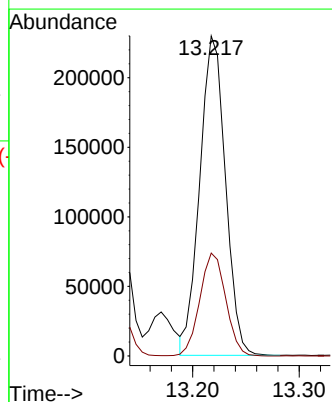
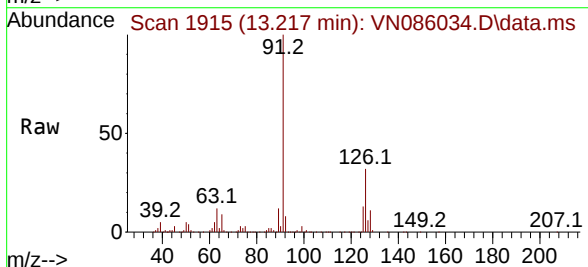
Manual Integrations
APPROVED

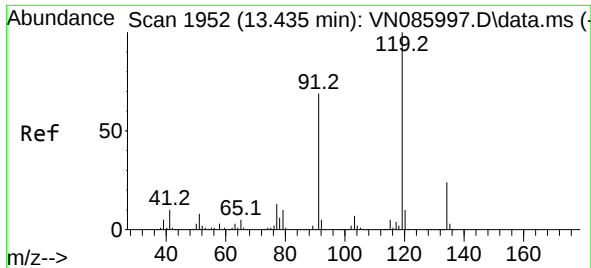
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#82
4-Chlorotoluene
Concen: 48.218 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion: 91 Resp: 385258
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2





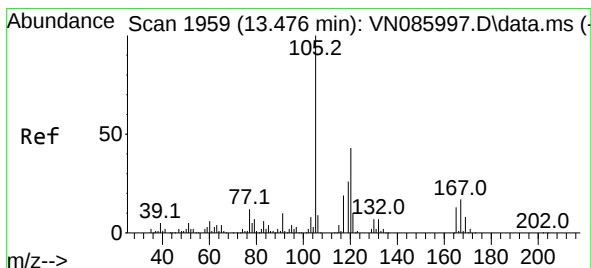
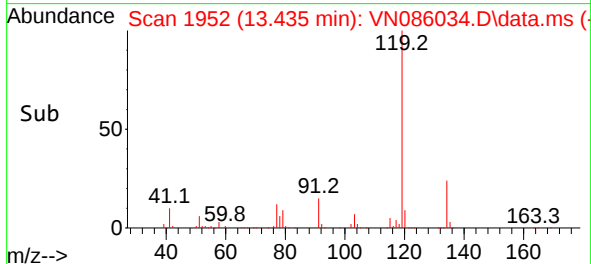
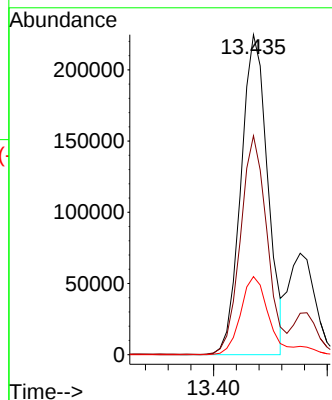
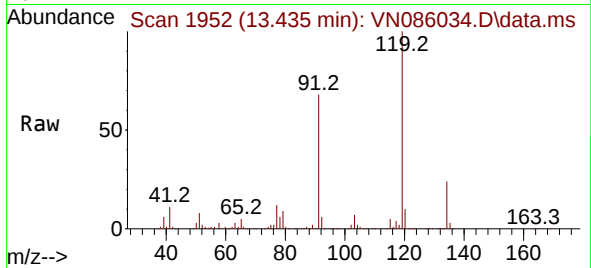
#83
tert-Butylbenzene
Concen: 49.243 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 367314
Ion Ratio Lower Upper
119 100
91 68.2 34.3 102.9
134 27.0 13.5 40.5

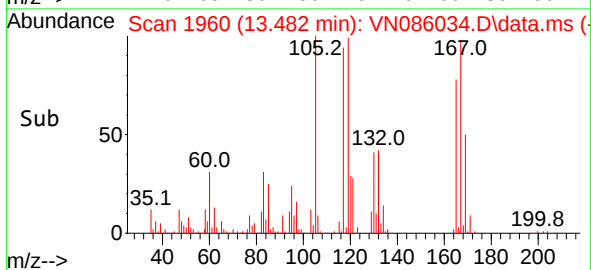
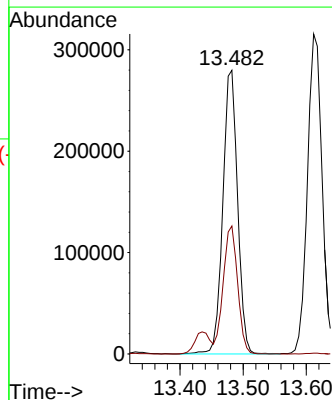
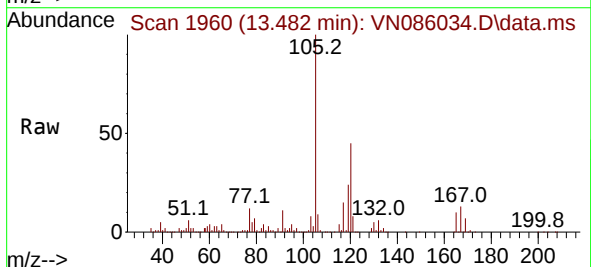
Manual Integrations
APPROVED

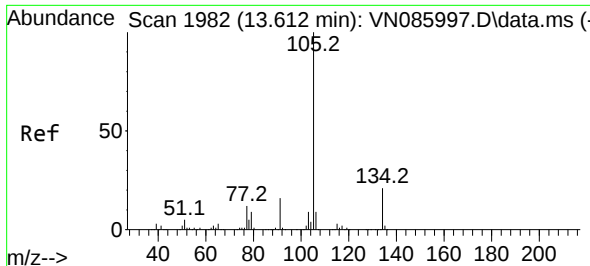
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.532 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:105 Resp: 453310
Ion Ratio Lower Upper
105 100
120 44.1 21.9 65.8





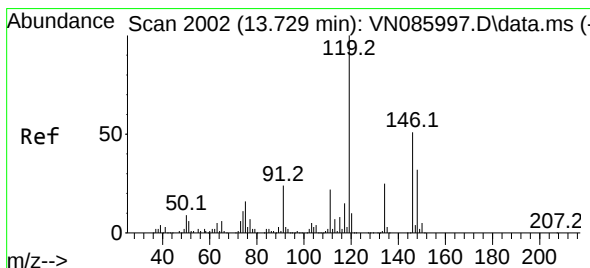
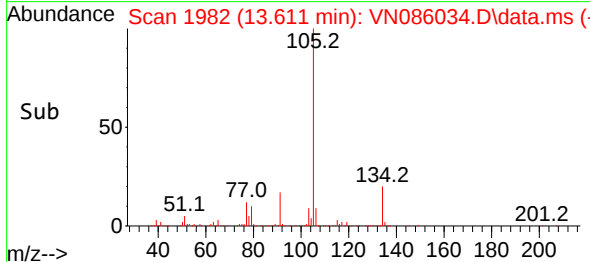
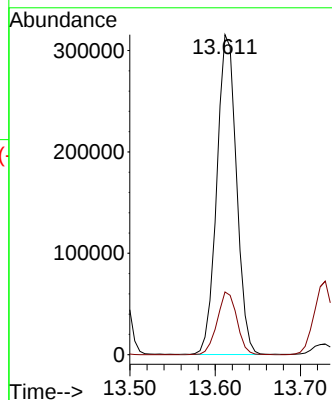
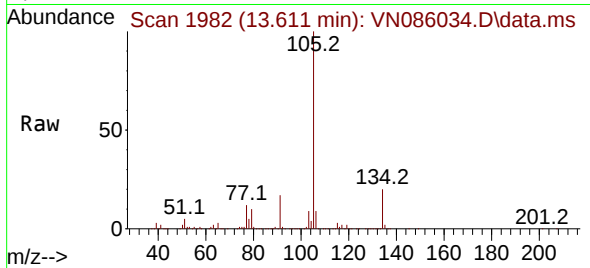
#85
 sec-Butylbenzene
 Concen: 52.056 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086034.D
 Acq: 20 Mar 2025 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 506548
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

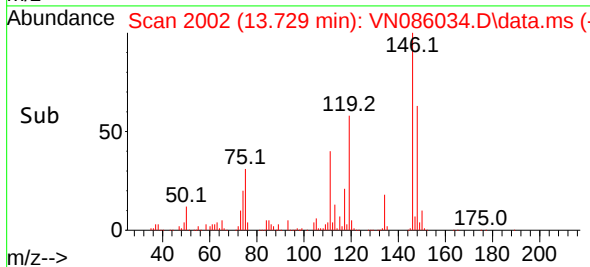
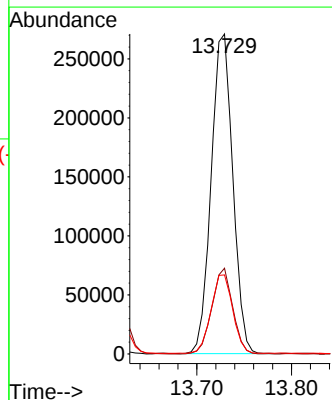
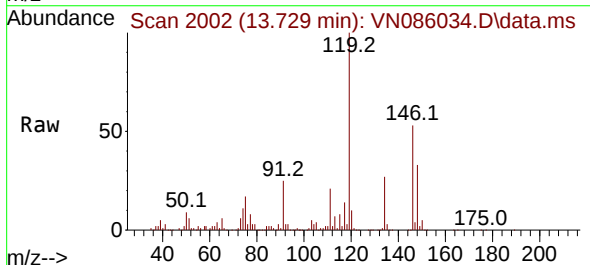
Manual Integrations
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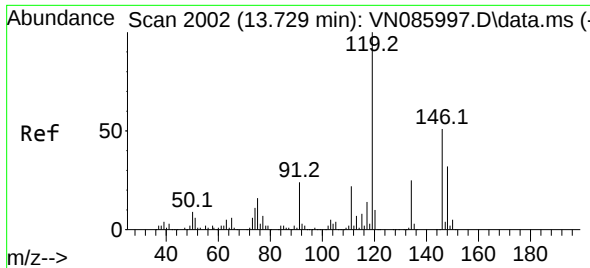
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#86
 p-Isopropyltoluene
 Concen: 52.242 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086034.D
 Acq: 20 Mar 2025 19:09

Tgt Ion:119 Resp: 430335
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.6 12.3 36.8





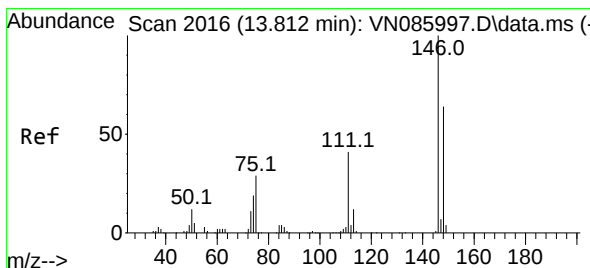
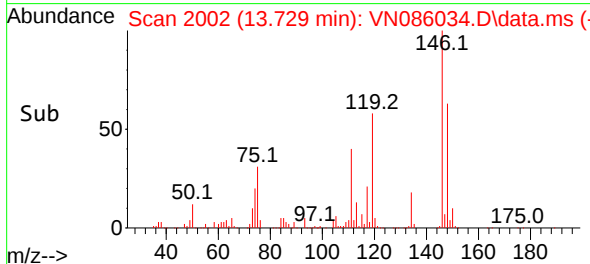
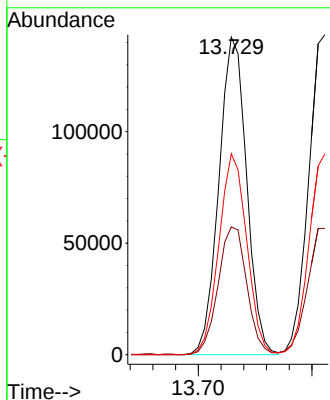
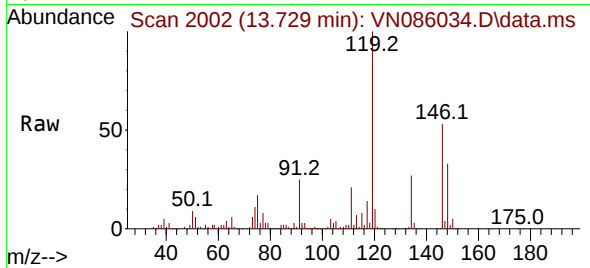
#87
1,3-Dichlorobenzene
Concen: 46.526 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 241560
Ion Ratio Lower Upper
146 100
111 41.7 21.2 63.6
148 63.6 31.8 95.4

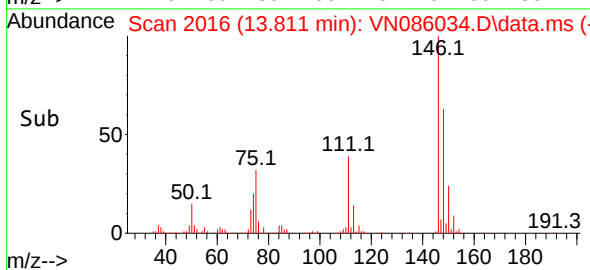
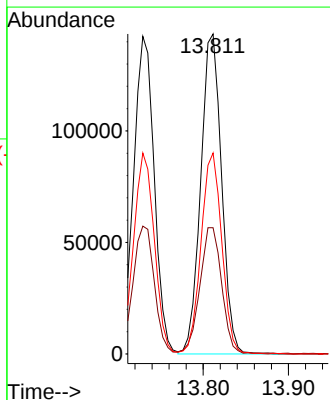
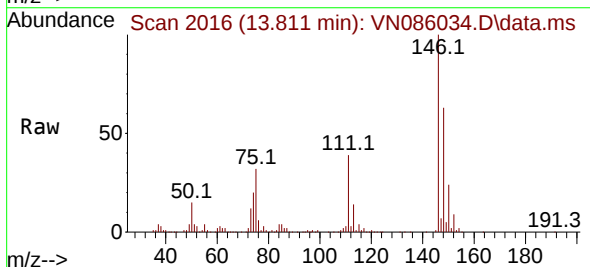
Manual Integrations
APPROVED

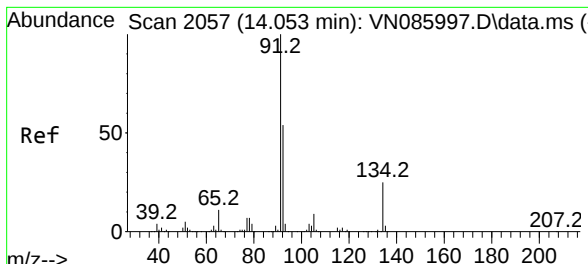
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#88
1,4-Dichlorobenzene
Concen: 44.692 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:146 Resp: 243800
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 62.6 32.1 96.5





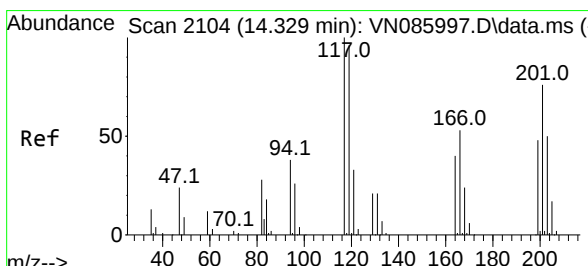
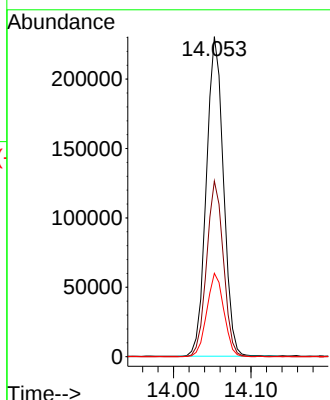
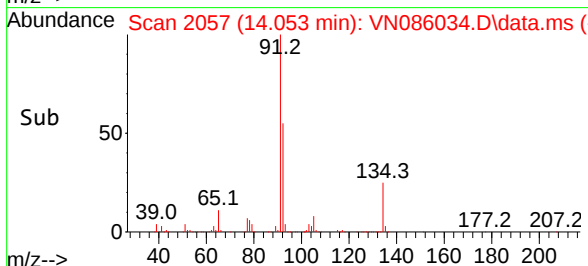
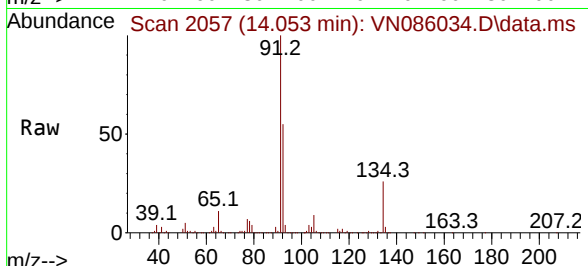
#89
n-Butylbenzene
Concen: 52.687 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 353418
Ion Ratio Lower Upper
91 100
92 53.8 26.9 80.6
134 26.0 13.0 39.0

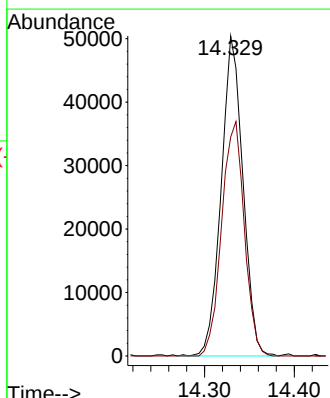
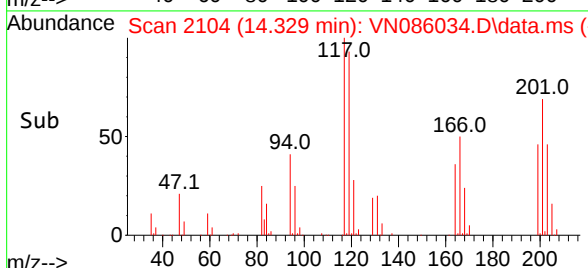
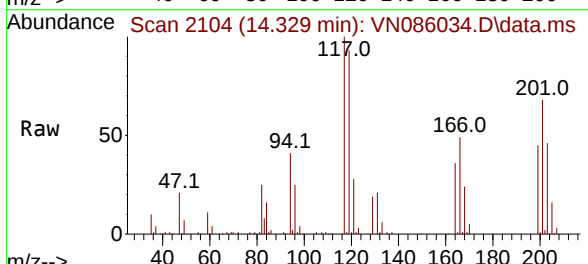
Manual Integrations
APPROVED

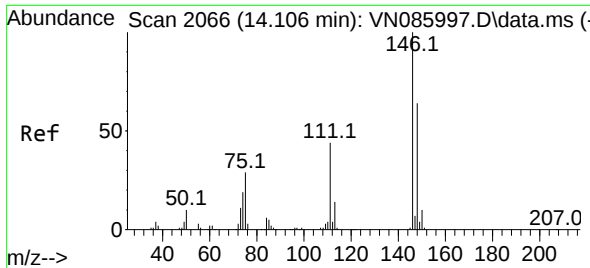
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#90
Hexachloroethane
Concen: 44.607 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Tgt Ion:117 Resp: 84785
Ion Ratio Lower Upper
117 100
201 76.3 39.1 117.3





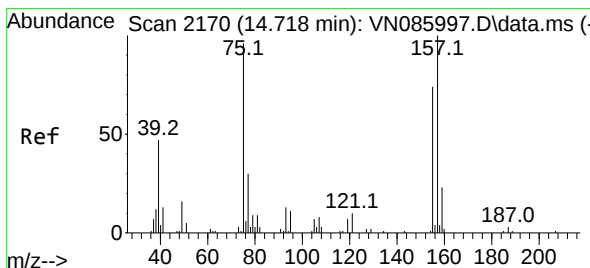
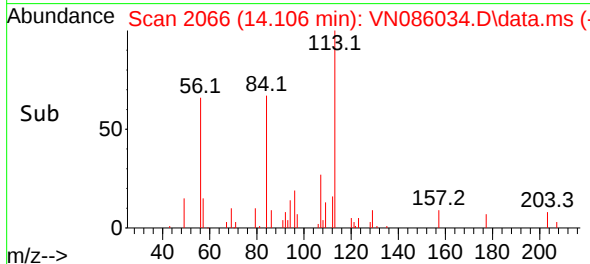
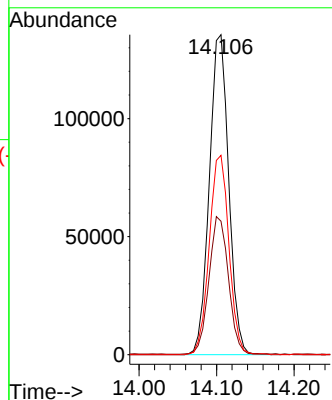
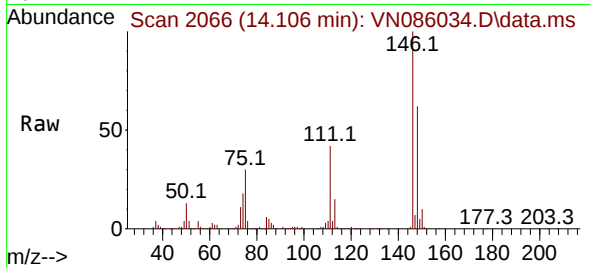
#91
1,2-Dichlorobenzene
Concen: 45.551 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 235108
Ion Ratio Lower Upper
146 100
111 43.3 22.3 66.8
148 63.4 32.1 96.5

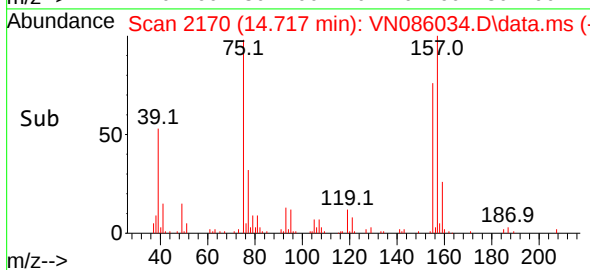
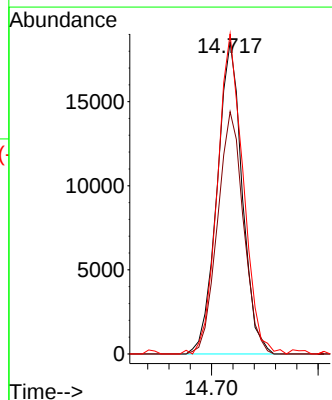
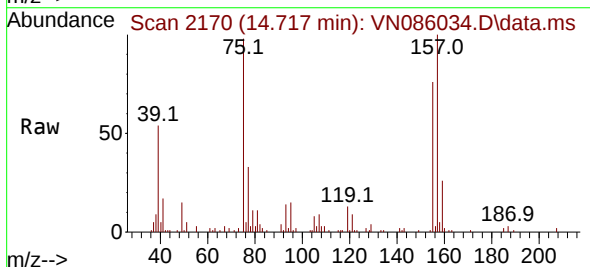
Manual Integrations
APPROVED

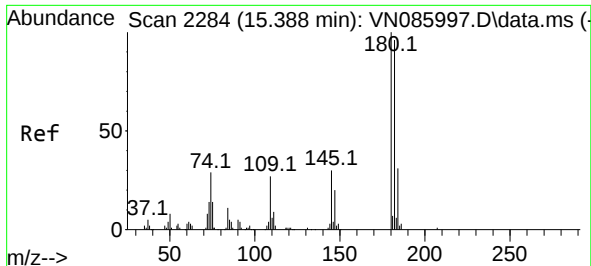
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.370 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

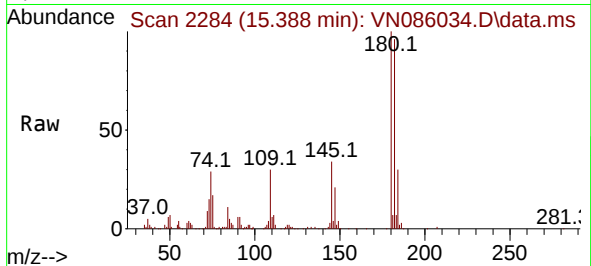
Tgt Ion: 75 Resp: 30256
Ion Ratio Lower Upper
75 100
155 80.5 41.0 123.0
157 105.1 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 45.709 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09

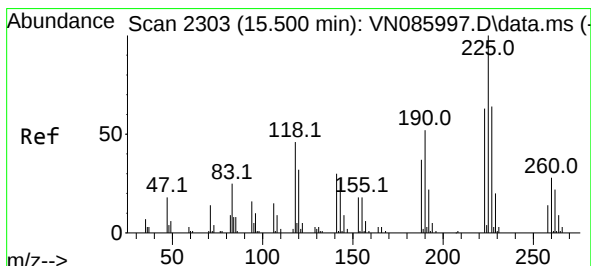
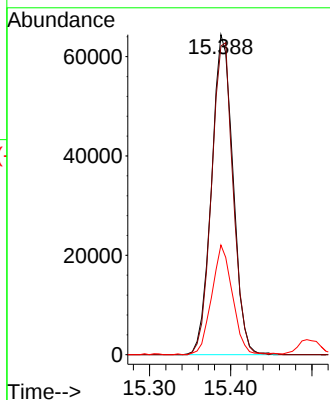
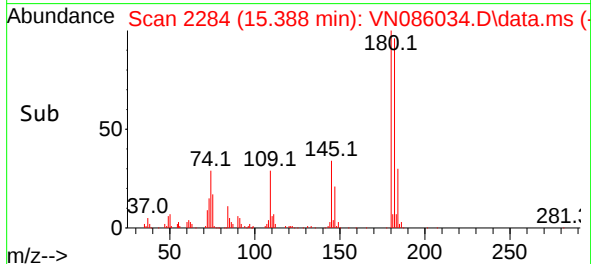
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



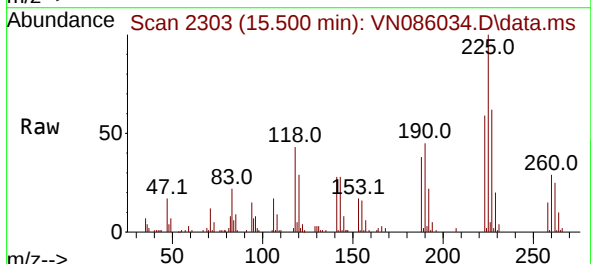
Tgt Ion:180 Resp: 11862
Ion Ratio Lower Upper
180 100
182 97.3 47.0 141.0
145 33.0 15.5 46.5

Manual Integrations
APPROVED

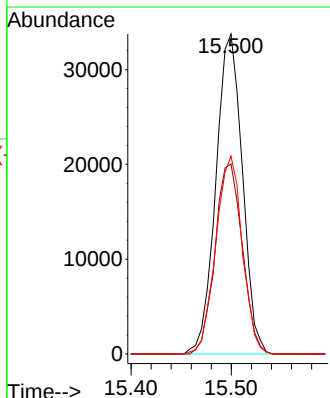
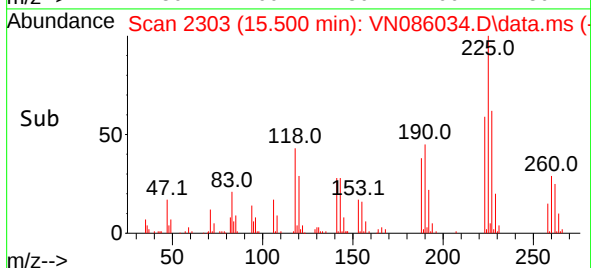
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

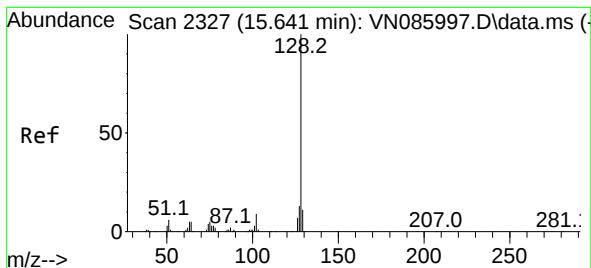


#94
Hexachlorobutadiene
Concen: 41.071 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086034.D
Acq: 20 Mar 2025 19:09



Tgt Ion:225 Resp: 61840
Ion Ratio Lower Upper
225 100
223 61.2 31.3 93.9
227 61.8 32.1 96.3





#95

Naphthalene

Concen: 47.372 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

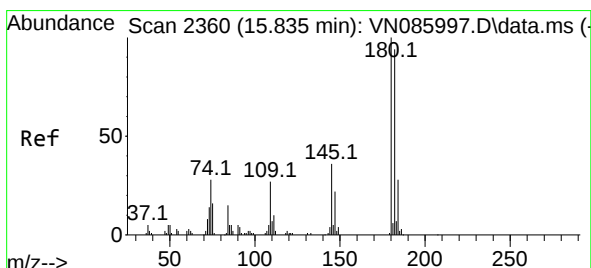
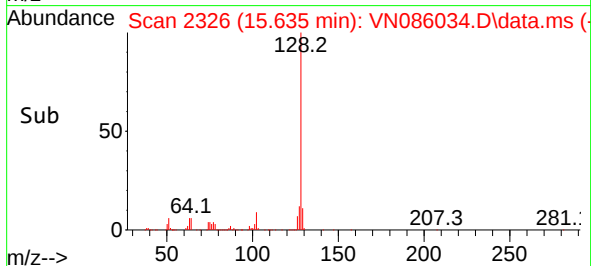
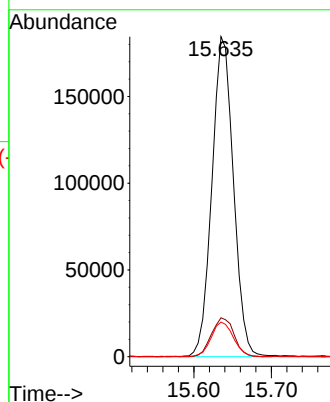
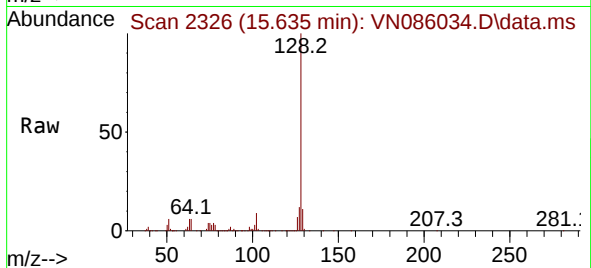
Tgt Ion:	128	Resp:	35598
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.3	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 46.972 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086034.D

Acq: 20 Mar 2025 19:09

Tgt Ion:	180	Resp:	115671
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.5	142.5
145	35.1	17.7	53.1

