

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086025.D
 Acq On : 20 Mar 2025 15:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 21 01:18:51 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	154803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	113962	53.761	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.520%			
35) Dibromofluoromethane	8.159	113	92044	53.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.580%			
50) Toluene-d8	10.565	98	346047	55.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.400%			
62) 4-Bromofluorobenzene	12.847	95	128808	57.615	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.240%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	93979	45.823	ug/l	100
3) Chloromethane	2.359	50	85452	47.527	ug/l	98
4) Vinyl Chloride	2.512	62	89469	48.668	ug/l	97
5) Bromomethane	2.948	94	58465	46.689	ug/l	99
6) Chloroethane	3.118	64	54521	47.012	ug/l	91
7) Trichlorofluoromethane	3.501	101	160837	48.669	ug/l	97
8) Diethyl Ether	3.959	74	49121	48.554	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	80470	45.816	ug/l	99
10) Methyl Iodide	4.589	142	119968	52.421	ug/l	94
11) Tert butyl alcohol	5.512	59	57207	190.612	ug/l	99
12) 1,1-Dichloroethene	4.342	96	84447	53.247	ug/l	92
13) Acrolein	4.177	56	74729	233.451	ug/l	97
14) Allyl chloride	5.018	41	93518	47.266	ug/l	98
15) Acrylonitrile	5.712	53	199607	251.831	ug/l	98
16) Acetone	4.418	43	145559	224.762	ug/l	98
17) Carbon Disulfide	4.706	76	250288	47.987	ug/l	99
18) Methyl Acetate	5.018	43	74247	46.338	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	270062	51.965	ug/l	100
20) Methylene Chloride	5.271	84	99746	52.649	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	93395	53.886	ug/l	95
22) Diisopropyl ether	6.671	45	242664	57.554	ug/l	97
23) Vinyl Acetate	6.600	43	861647	269.583	ug/l	100
24) 1,1-Dichloroethane	6.565	63	166057	53.559	ug/l	100
25) 2-Butanone	7.477	43	222188	237.770	ug/l	97
26) 2,2-Dichloropropane	7.488	77	126154	42.263	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	106942	54.297	ug/l	97
28) Bromochloromethane	7.812	49	69649	53.022	ug/l	97
29) Tetrahydrofuran	7.836	42	152013	263.497	ug/l	100
30) Chloroform	7.959	83	187036	54.577	ug/l	97
31) Cyclohexane	8.259	56	123942	46.925	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	170959	52.700	ug/l	99
36) 1,1-Dichloropropene	8.365	75	122938	54.053	ug/l	99
37) Ethyl Acetate	7.559	43	93093	48.517	ug/l	99
38) Carbon Tetrachloride	8.359	117	163954	54.825	ug/l	97
39) Methylcyclohexane	9.600	83	103843	46.019	ug/l	93
40) Benzene	8.600	78	395449	55.386	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	48706	53.159	ug/l	98
42) 1,2-Dichloroethane	8.671	62	133848	53.801	ug/l	98
43) Isopropyl Acetate	8.688	43	155437	37.383	ug/l	99
44) Trichloroethene	9.347	130	91356	49.368	ug/l	96
45) 1,2-Dichloropropane	9.618	63	92539	56.984	ug/l	100
46) Dibromomethane	9.706	93	70570	55.257	ug/l	98
47) Bromodichloromethane	9.882	83	146986	55.069	ug/l	94
48) Methyl methacrylate	9.677	41	73109	53.284	ug/l	97
49) 1,4-Dioxane	9.688	88	34598	1066.684	ug/l #	83
51) 4-Methyl-2-Pentanone	10.441	43	497894	271.519	ug/l	100
52) Toluene	10.629	92	256576	58.551	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	138522	53.439	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	147818	54.049	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	96806	57.879	ug/l	97
56) Ethyl methacrylate	10.871	69	133903	51.097	ug/l	100
57) 1,3-Dichloropropane	11.159	76	159265	56.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	304809	294.324	ug/l	99
59) 2-Hexanone	11.194	43	366684	274.492	ug/l	97
60) Dibromochloromethane	11.353	129	123307	57.133	ug/l	98
61) 1,2-Dibromoethane	11.465	107	94758	55.186	ug/l	97
64) Tetrachloroethene	11.100	164	96937	51.608	ug/l	98
65) Chlorobenzene	11.888	112	279618	51.895	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	106600	53.221	ug/l	99
67) Ethyl Benzene	11.959	91	480272	55.722	ug/l	100
68) m/p-Xylenes	12.071	106	394800	116.540	ug/l	99
69) o-Xylene	12.400	106	181408	58.345	ug/l	98
70) Styrene	12.412	104	319210	60.107	ug/l	99
71) Bromoform	12.576	173	87123	52.033	ug/l #	100
73) Isopropylbenzene	12.694	105	451097	49.767	ug/l	100
74) N-amyl acetate	12.494	43	143054	47.173	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	137380	44.800	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	145365m	48.918	ug/l	
77) Bromobenzene	12.976	156	120866	47.822	ug/l	99
78) n-propylbenzene	13.035	91	547585	53.351	ug/l	100
79) 2-Chlorotoluene	13.123	91	347336	50.948	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	412146	53.856	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	45995	40.921	ug/l	88
82) 4-Chlorotoluene	13.218	91	360446	51.414	ug/l	99
83) tert-Butylbenzene	13.435	119	326011	49.810	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	426152	55.211	ug/l	99
85) sec-Butylbenzene	13.612	105	457942	53.634	ug/l	100
86) p-Isopropyltoluene	13.729	119	400311	55.385	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	235074	51.600	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	233938	48.874	ug/l	99
89) n-Butylbenzene	14.053	91	306455	52.067	ug/l	98
90) Hexachloroethane	14.329	117	81056	48.602	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	225879	49.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27013	44.130	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	104096	45.713	ug/l	99
94) Hexachlorobutadiene	15.500	225	56841	43.024	ug/l	99
95) Naphthalene	15.641	128	290937	44.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	103654	47.971	ug/l	99

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QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

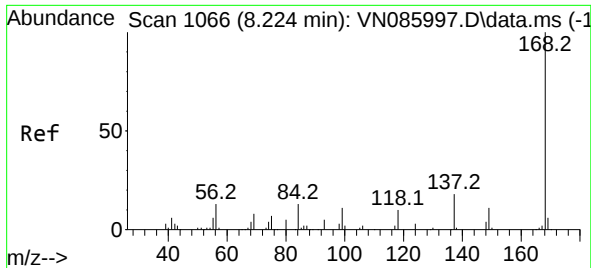
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

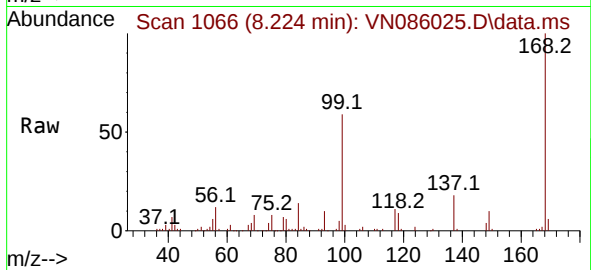
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086025.D
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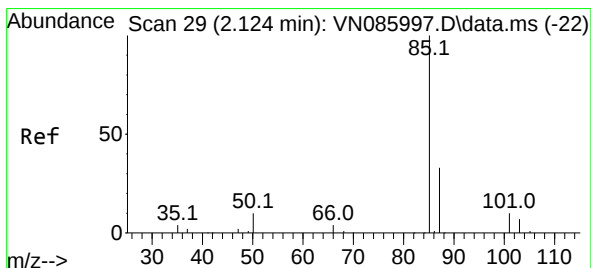
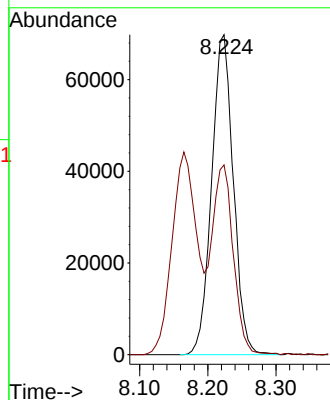
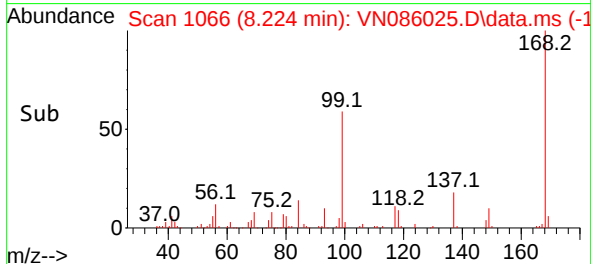
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 15480
Ion Ratio Lower Upper
168 100
99 59.3 49.4 74.2

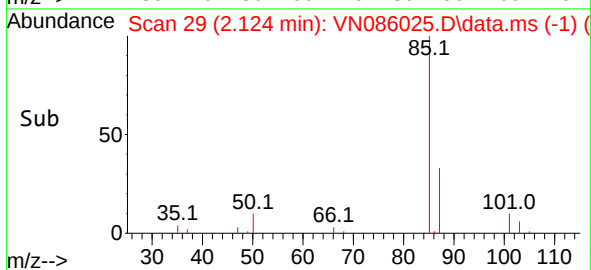
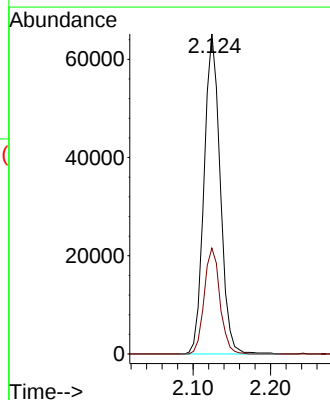
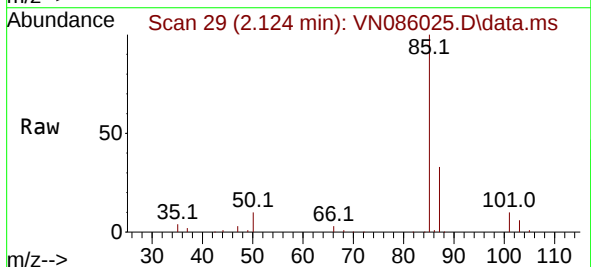
Manual Integrations
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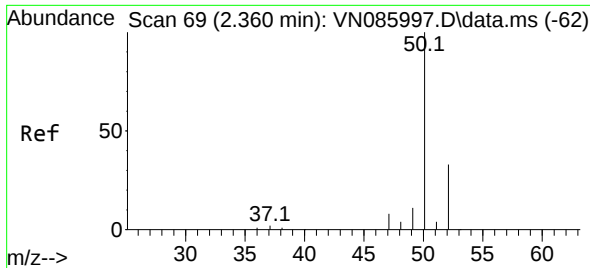
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#2
Dichlorodifluoromethane
Concen: 45.823 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 85 Resp: 93979
Ion Ratio Lower Upper
85 100
87 33.1 16.5 49.5





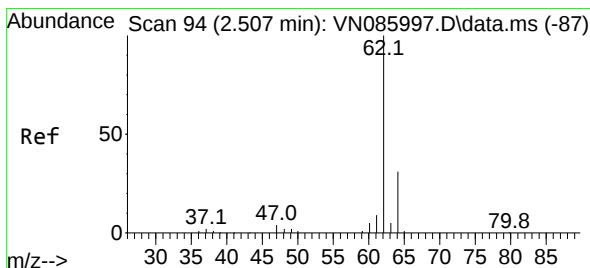
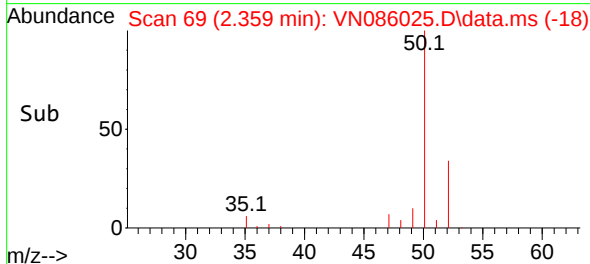
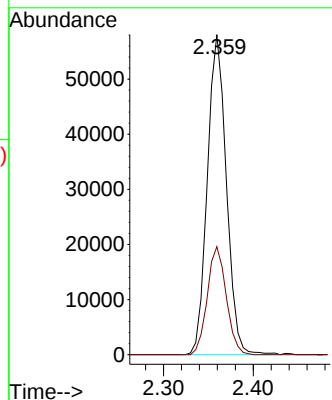
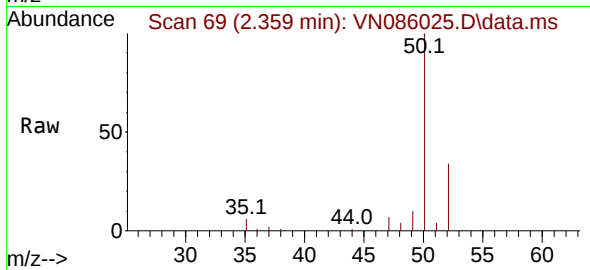
#3
Chloromethane
Concen: 47.527 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 85452
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0

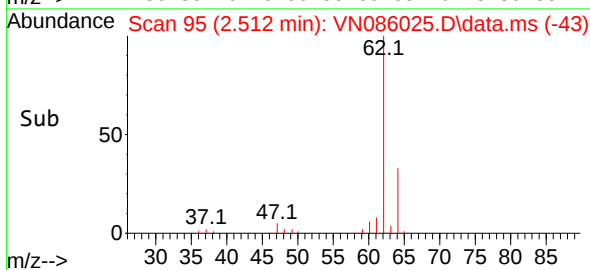
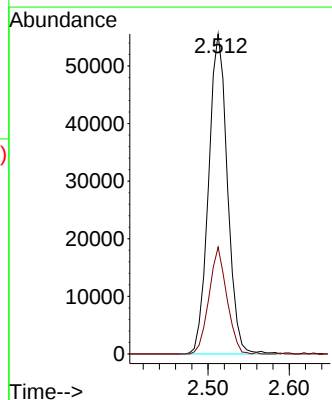
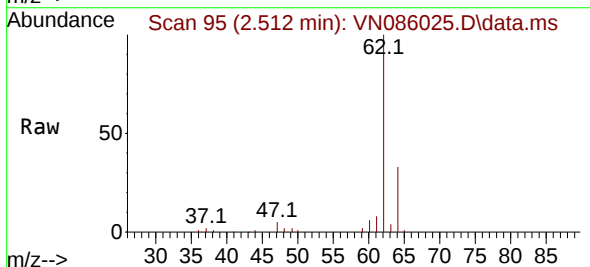
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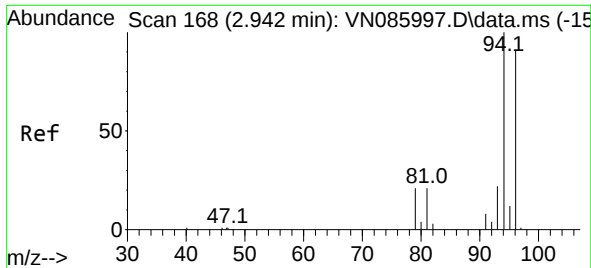
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#4
Vinyl Chloride
Concen: 48.668 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 62 Resp: 89469
Ion Ratio Lower Upper
62 100
64 33.4 25.2 37.8





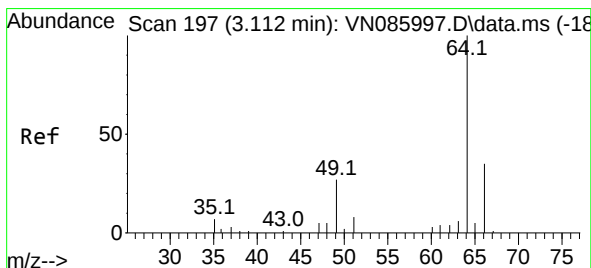
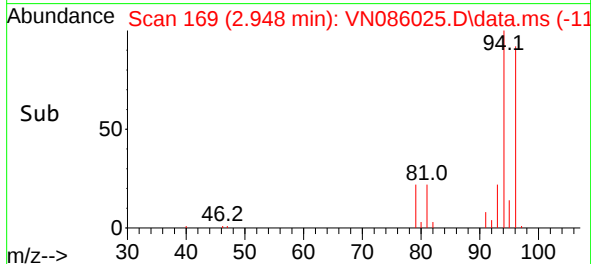
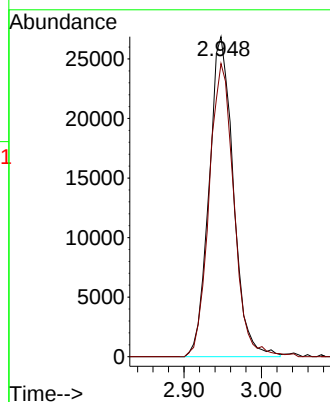
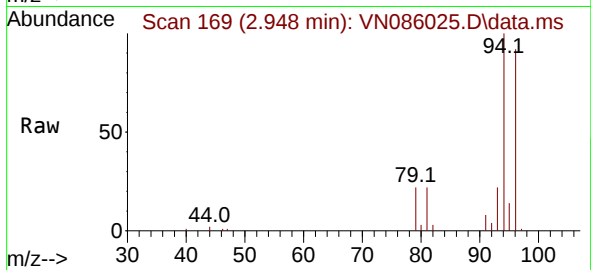
#5
Bromomethane
Concen: 46.689 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 5846
Ion Ratio Lower Upper
94 100
96 91.6 72.8 109.2

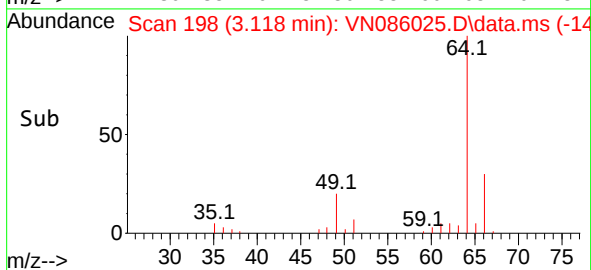
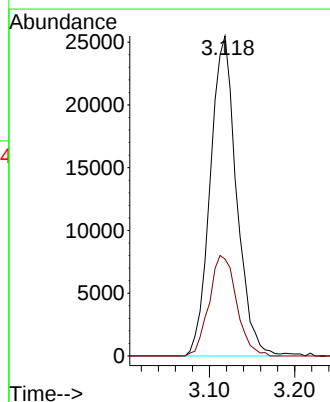
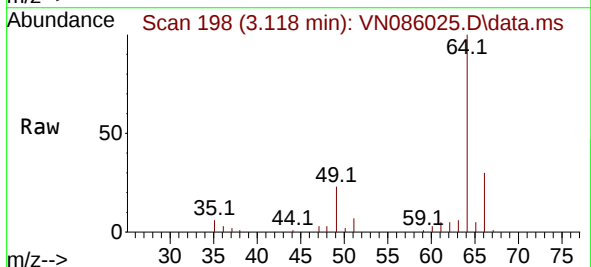
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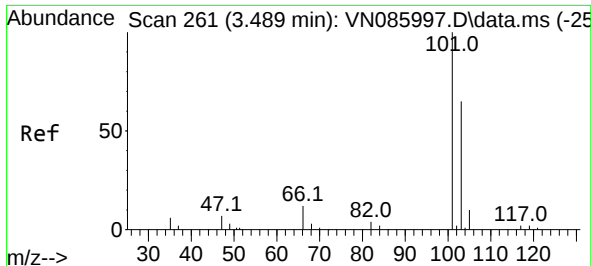
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#6
Chloroethane
Concen: 47.012 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 64 Resp: 54521
Ion Ratio Lower Upper
64 100
66 30.3 28.3 42.5





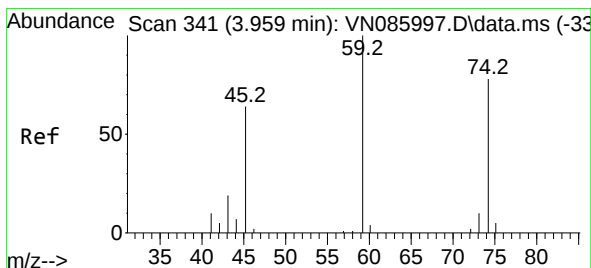
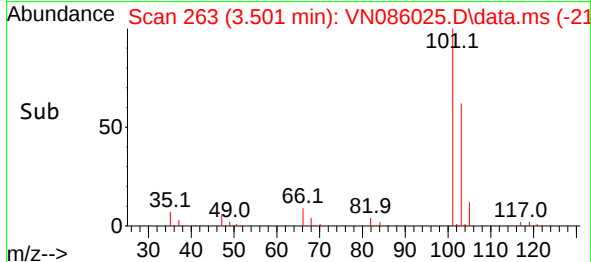
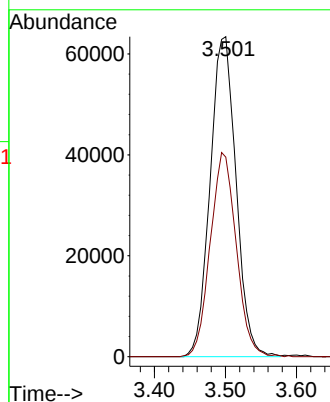
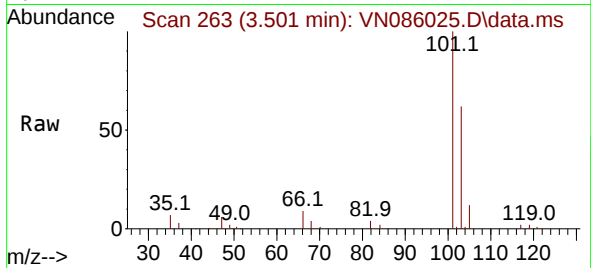
#7
Trichlorofluoromethane
Concen: 48.669 ug/l
RT: 3.501 min Scan# 263
Delta R.T. 0.012 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 16083
Ion Ratio Lower Upper
101 100
103 62.3 51.7 77.5

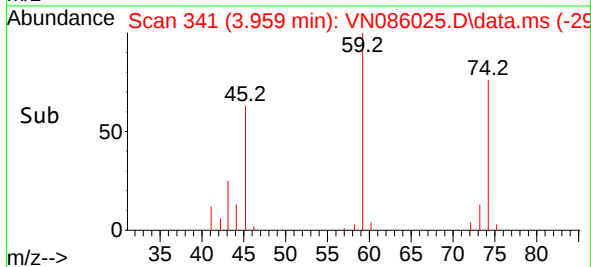
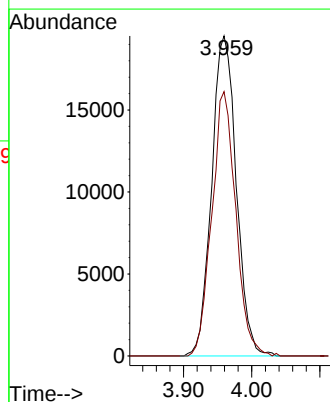
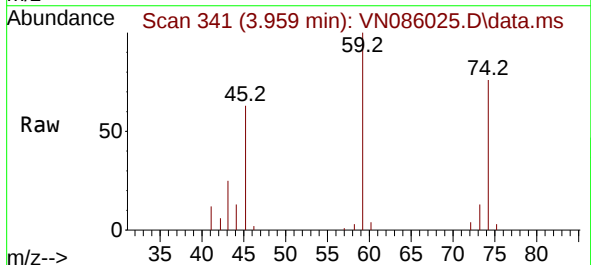
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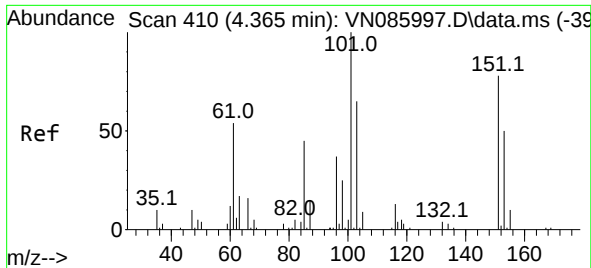
Reviewed By :John Carlone 03/21/2025
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#8
Diethyl Ether
Concen: 48.554 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 74 Resp: 49121
Ion Ratio Lower Upper
74 100
45 80.4 38.0 113.9





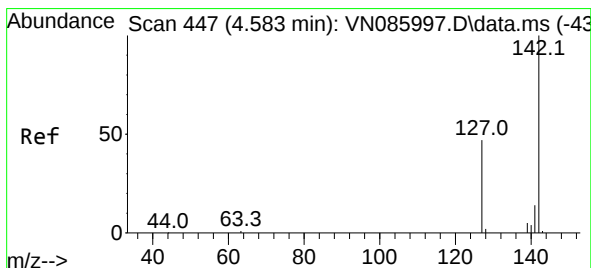
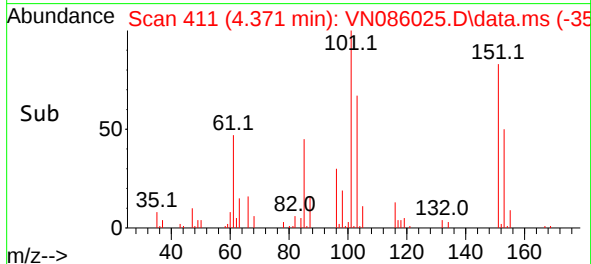
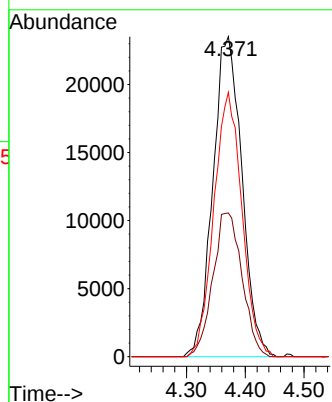
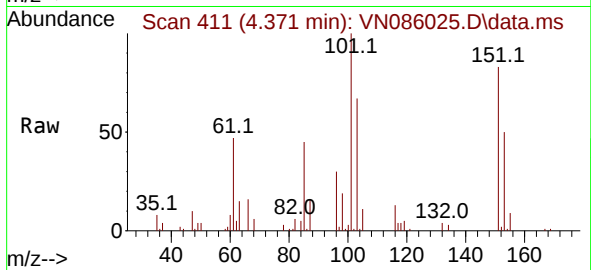
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.816 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 80470
Ion Ratio Lower Upper
101 100
85 45.3 36.5 54.7
151 80.0 63.4 95.0

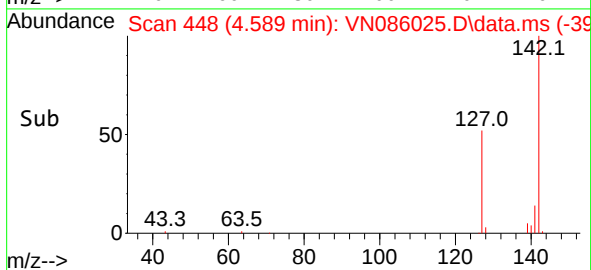
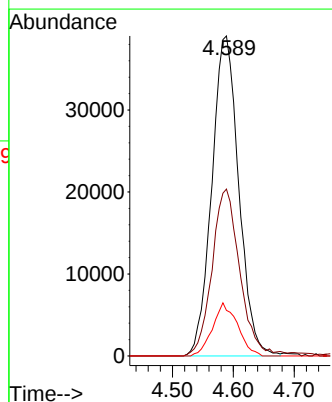
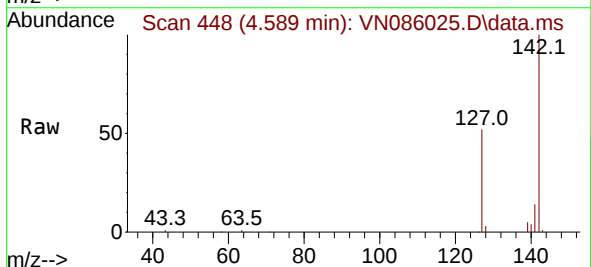
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 52.421 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

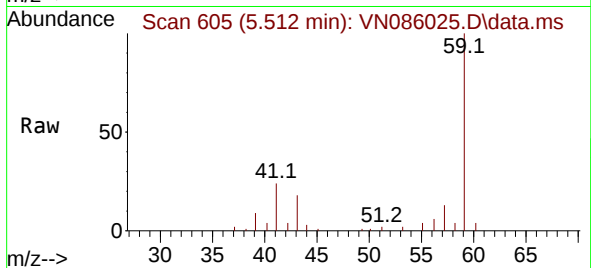
Tgt Ion:142 Resp: 119968
Ion Ratio Lower Upper
142 100
127 52.2 37.5 56.3
141 14.3 11.0 16.6





#11
Tert butyl alcohol
Concen: 190.612 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

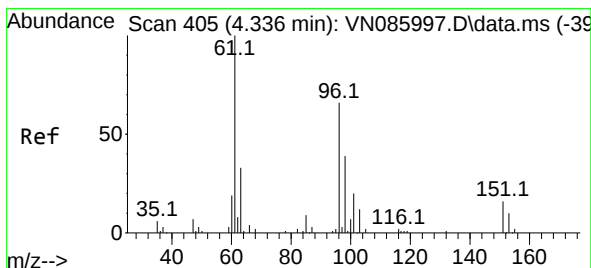
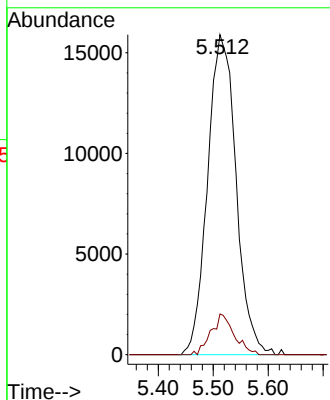
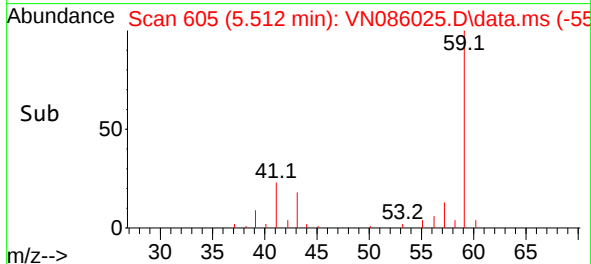
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



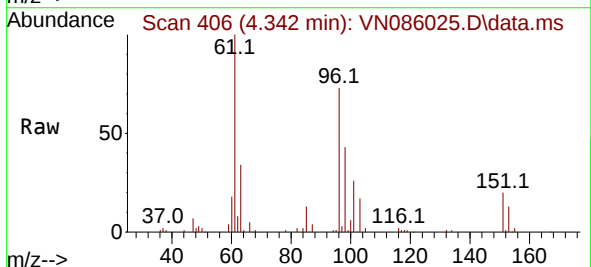
Tgt Ion: 59 Resp: 5720
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

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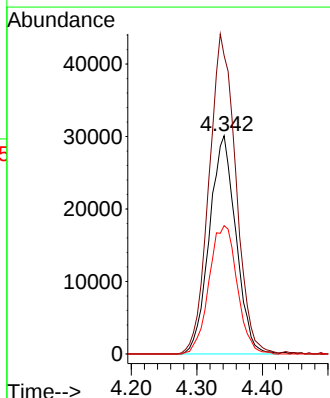
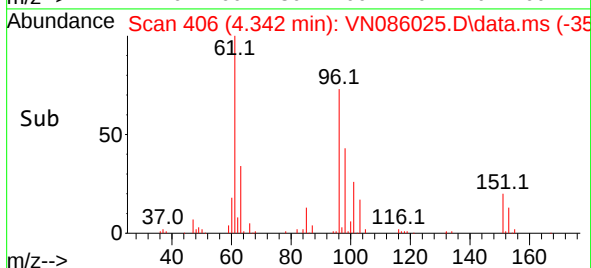
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

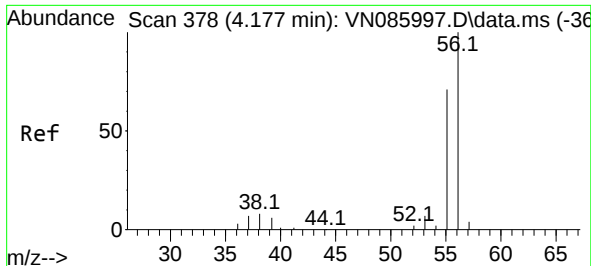


#12
1,1-Dichloroethene
Concen: 53.247 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



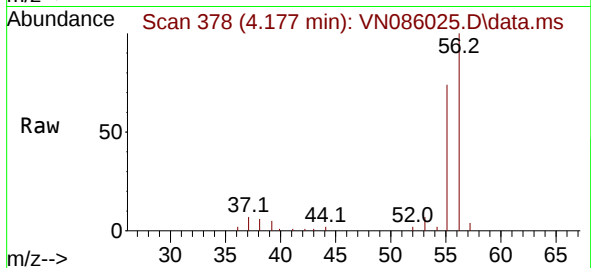
Tgt Ion: 96 Resp: 84447
Ion Ratio Lower Upper
96 100
61 136.8 120.5 180.7
98 58.8 47.4 71.0





#13
Acrolein
Concen: 233.451 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

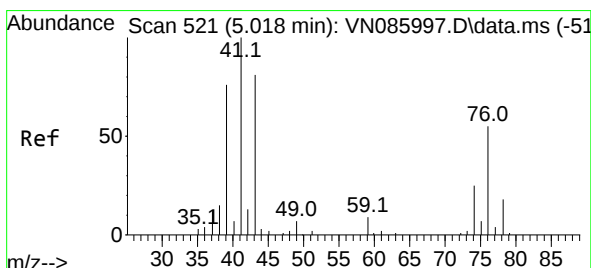
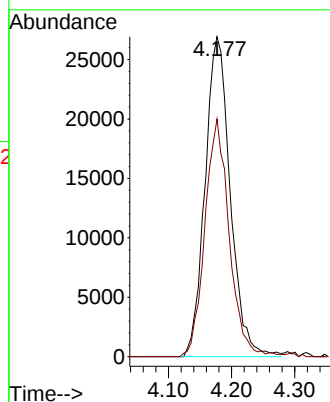
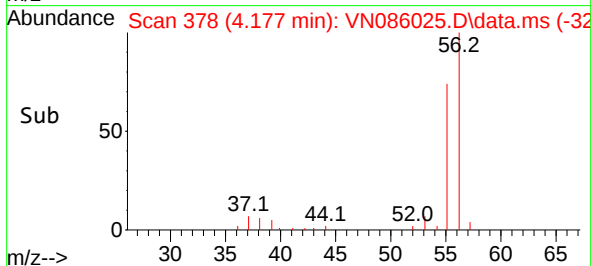
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



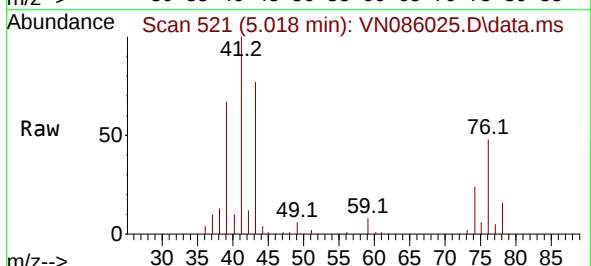
Tgt Ion: 56 Resp: 74729
Ion Ratio Lower Upper
56 100
55 71.6 55.1 82.7

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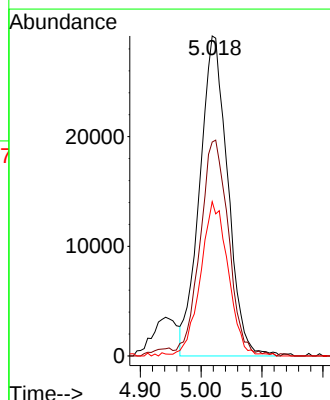
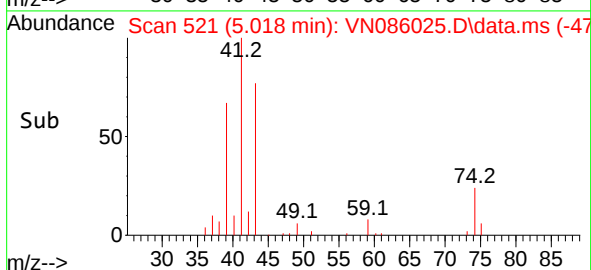
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

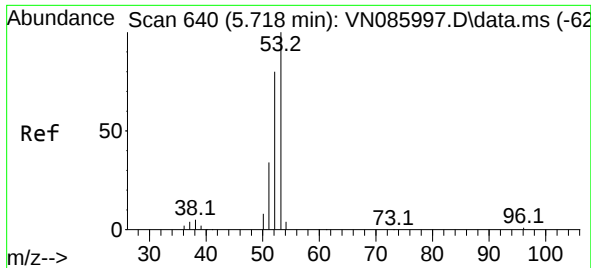


#14
Allyl chloride
Concen: 47.266 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



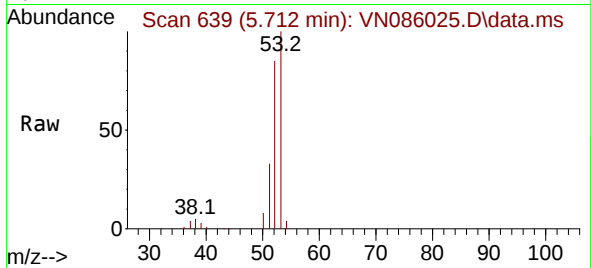
Tgt Ion: 41 Resp: 93518
Ion Ratio Lower Upper
41 100
39 68.6 55.5 83.3
76 45.8 39.1 58.7





#15
Acrylonitrile
Concen: 251.831 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

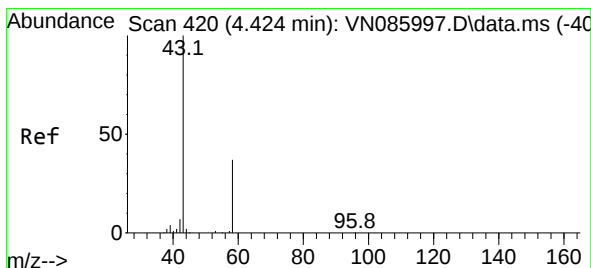
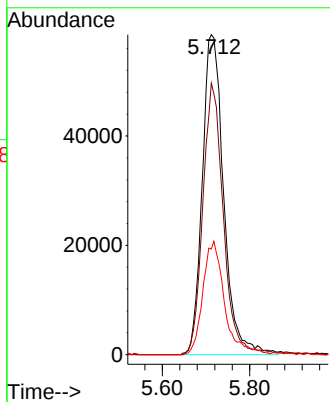
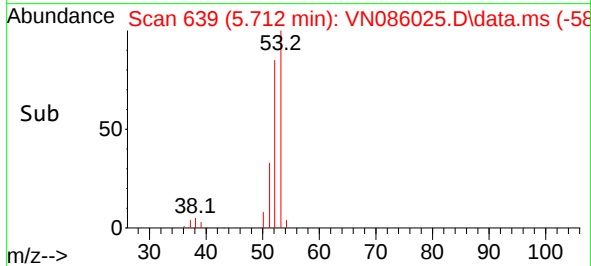
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 19960
Ion Ratio Lower Upper
53 100
52 81.2 63.9 95.9
51 35.7 27.1 40.7

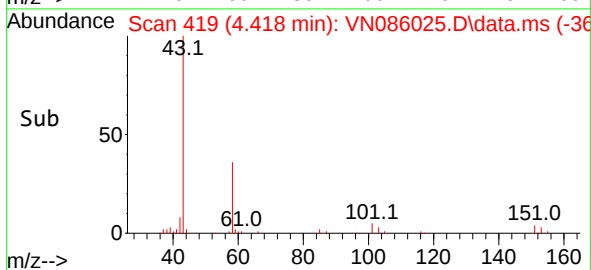
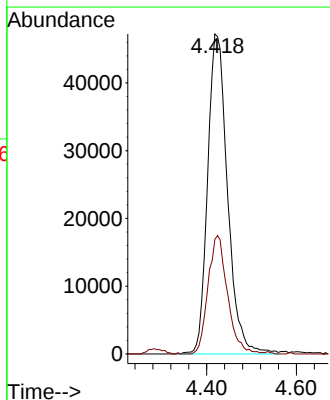
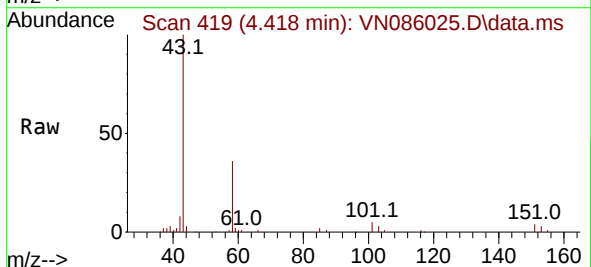
Manual Integrations
APPROVED

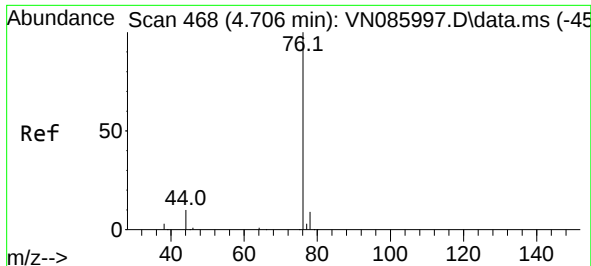
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#16
Acetone
Concen: 224.762 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 43 Resp: 145559
Ion Ratio Lower Upper
43 100
58 35.8 29.4 44.2





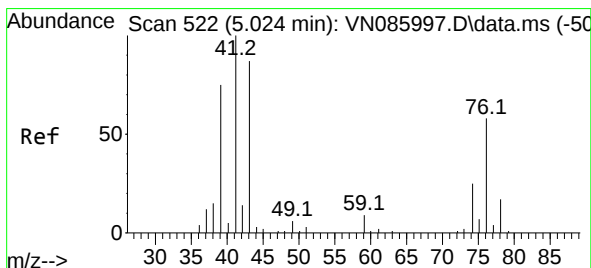
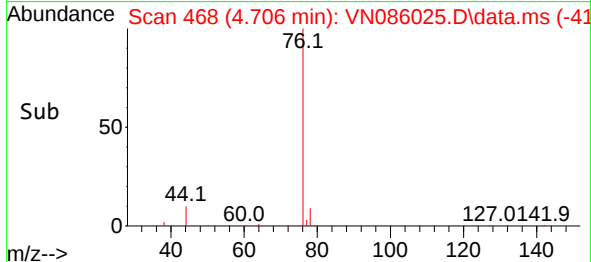
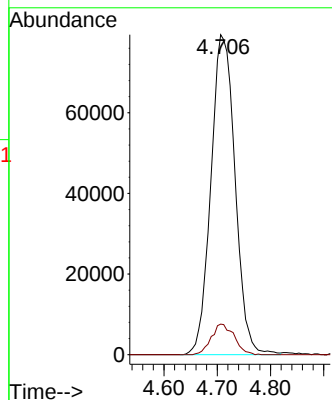
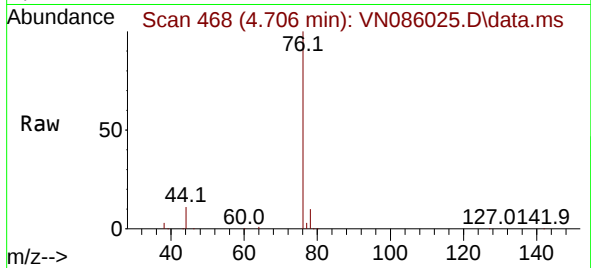
#17
Carbon Disulfide
Concen: 47.987 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 25028
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

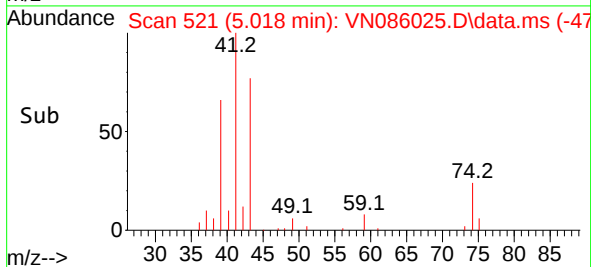
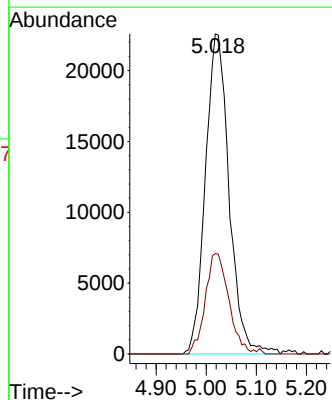
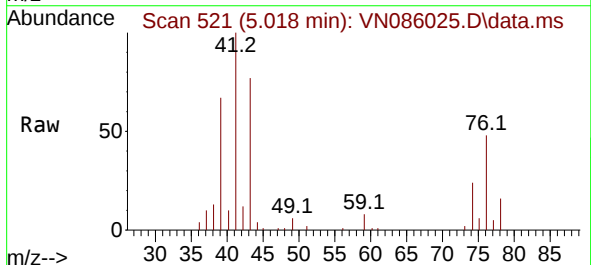
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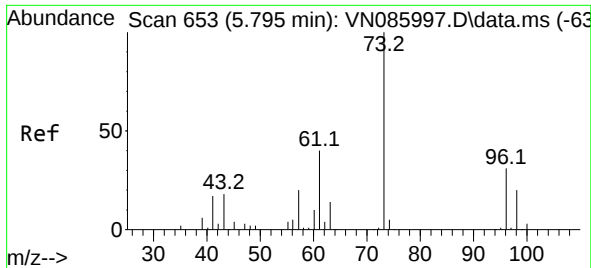
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#18
Methyl Acetate
Concen: 46.338 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 43 Resp: 74247
Ion Ratio Lower Upper
43 100
74 30.9 23.9 35.9





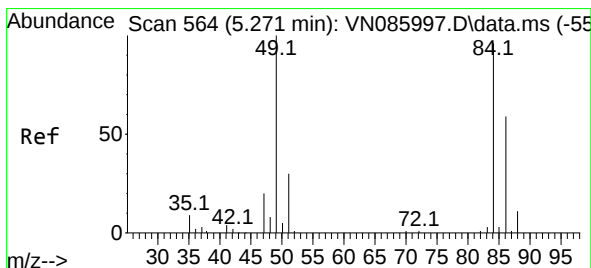
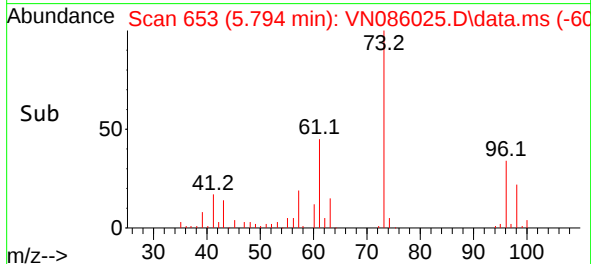
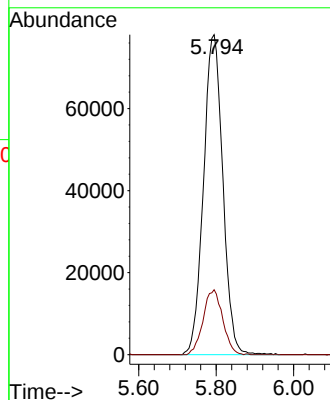
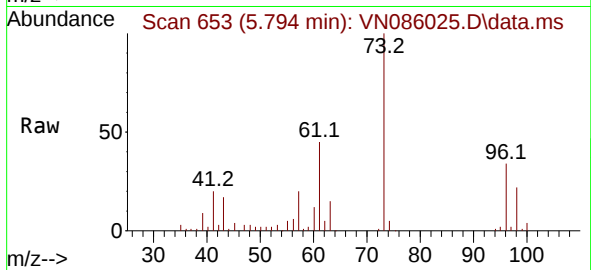
#19
Methyl tert-butyl Ether
Concen: 51.965 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 270062
Ion Ratio Lower Upper
73 100
57 20.3 16.1 24.1

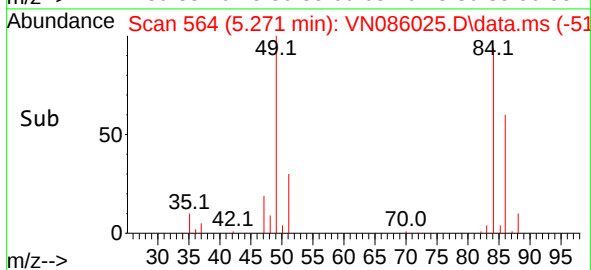
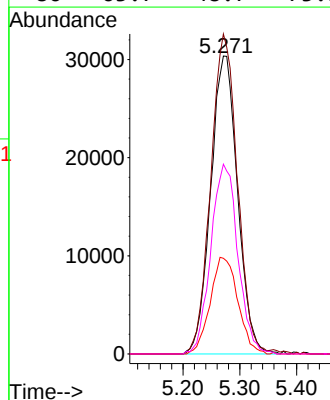
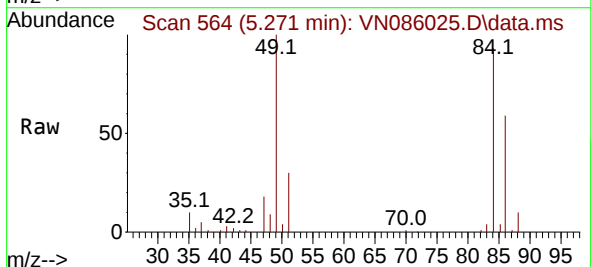
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 52.649 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

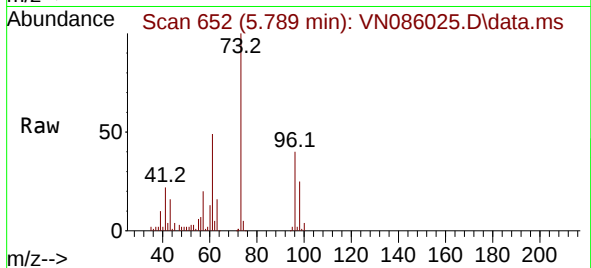
Tgt Ion: 84 Resp: 99746
Ion Ratio Lower Upper
84 100
49 107.4 83.3 124.9
51 32.1 24.8 37.2
86 63.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 53.886 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

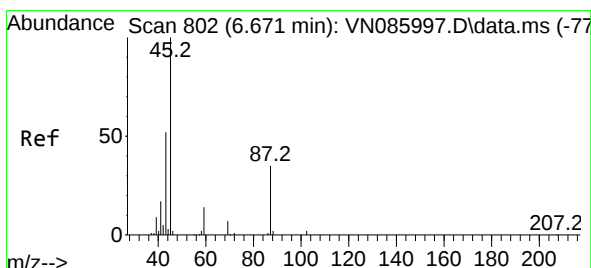
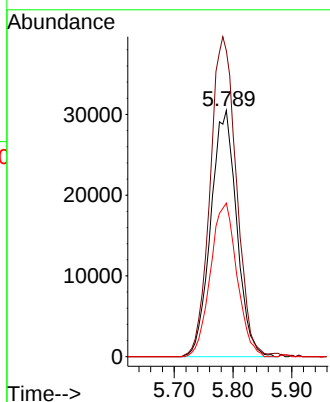
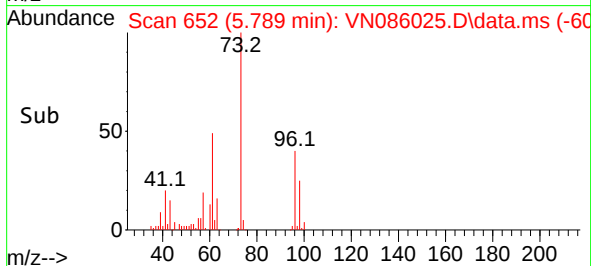
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 9339
Ion Ratio Lower Upper
96 100
61 124.3 106.6 160.0
98 62.4 50.0 75.0

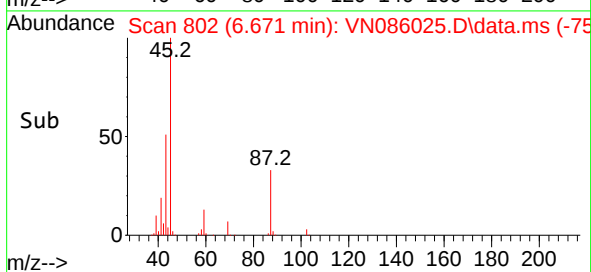
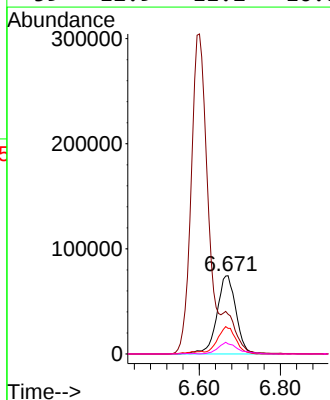
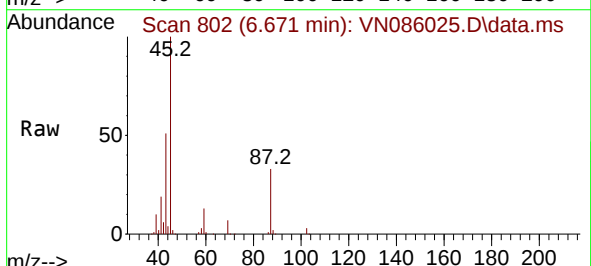
Manual Integrations
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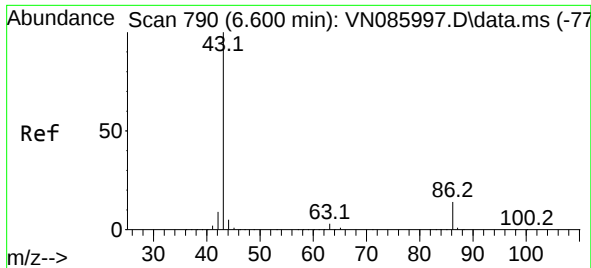
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#22
Diisopropyl ether
Concen: 57.554 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion: 45 Resp: 242664
Ion Ratio Lower Upper
45 100
43 49.9 41.2 61.8
87 32.8 28.5 42.7
59 12.9 11.2 16.8





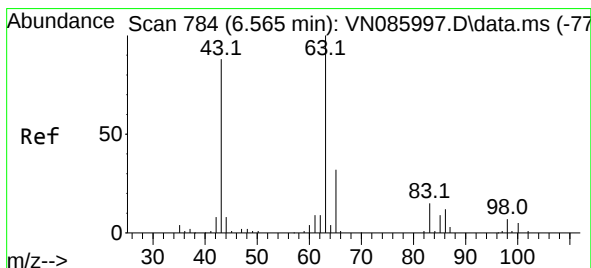
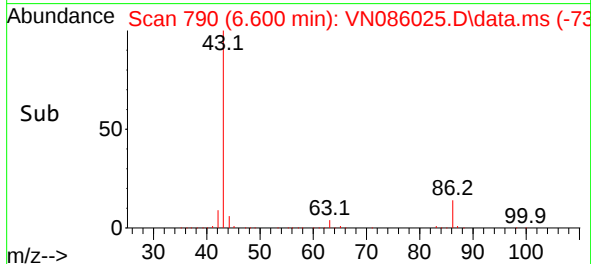
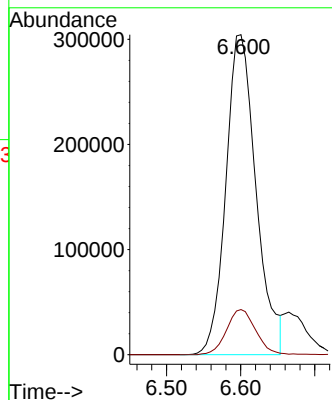
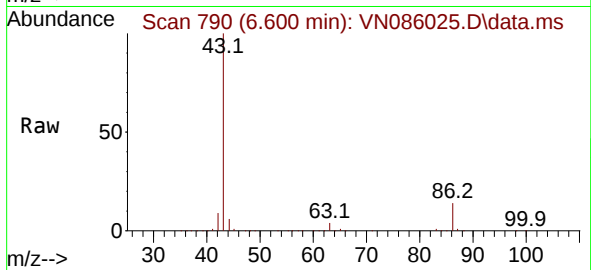
#23
 Vinyl Acetate
 Concen: 269.583 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086025.D
 Acq: 20 Mar 2025 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 86164
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.2 16.8

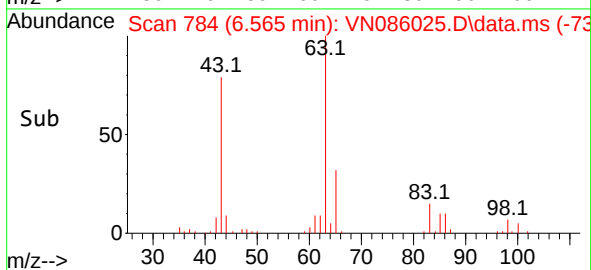
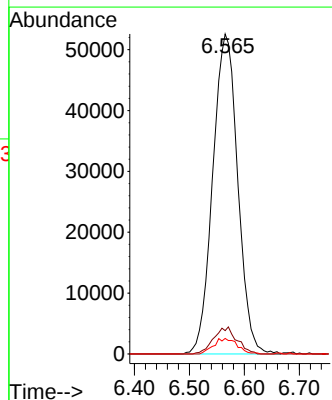
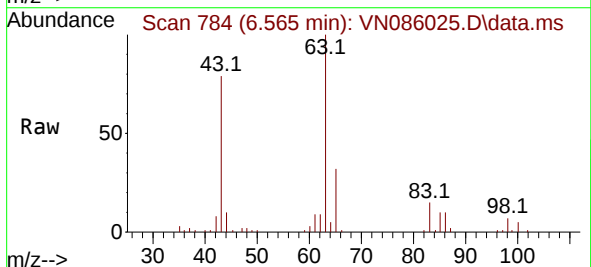
Manual Integrations
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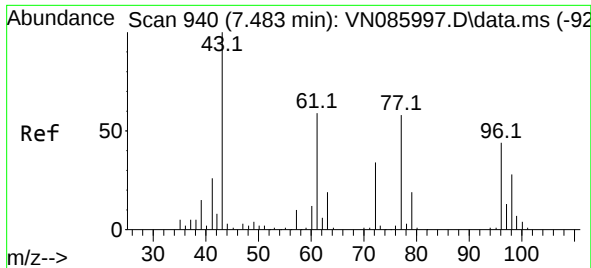
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025



#24
 1,1-Dichloroethane
 Concen: 53.559 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086025.D
 Acq: 20 Mar 2025 15:13

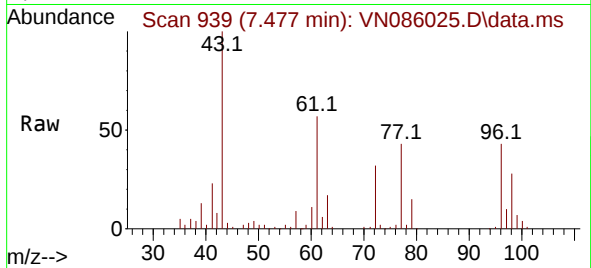
Tgt Ion: 63 Resp: 166057
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.9 2.5 7.5





#25
2-Butanone
Concen: 237.770 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

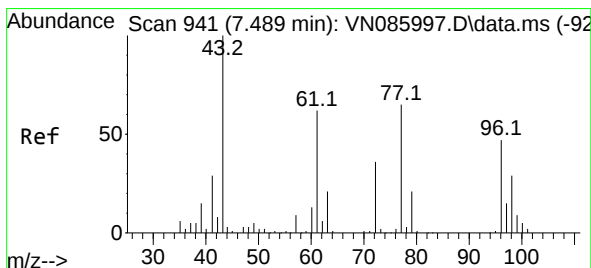
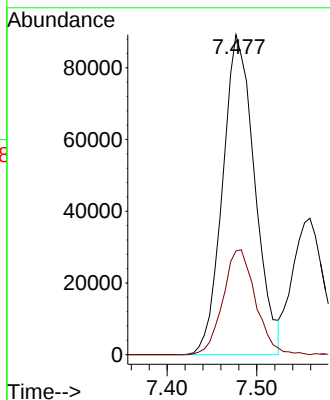
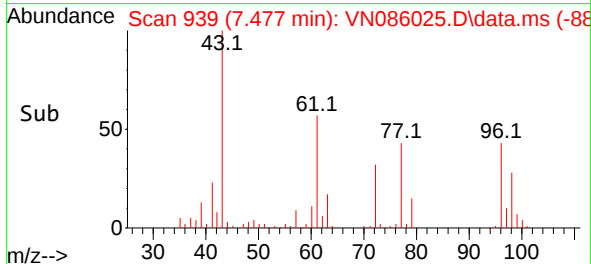
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



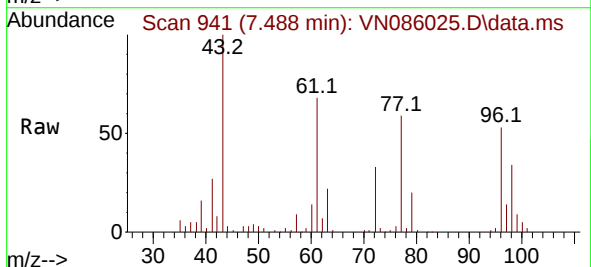
Tgt Ion: 43 Resp: 222188
Ion Ratio Lower Upper
43 100
72 32.4 27.4 41.0

Manual Integrations
APPROVED

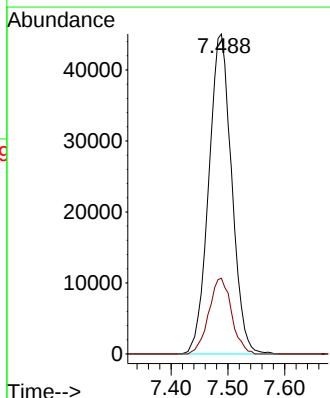
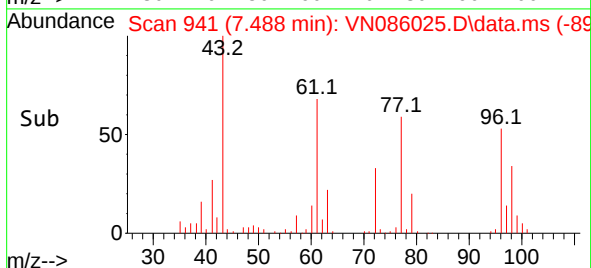
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#26
2,2-Dichloropropane
Concen: 42.263 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



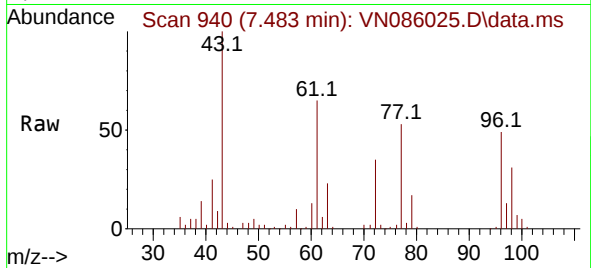
Tgt Ion: 77 Resp: 126154
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 54.297 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086025.D
 Acq: 20 Mar 2025 15:13

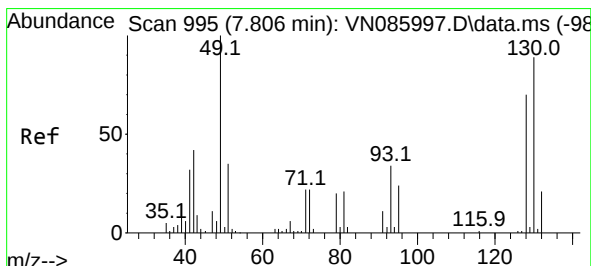
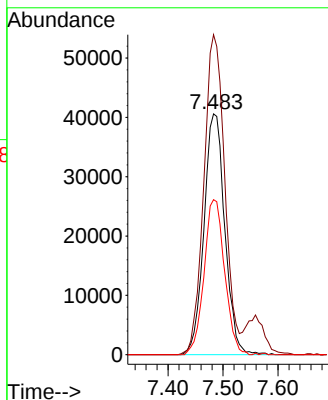
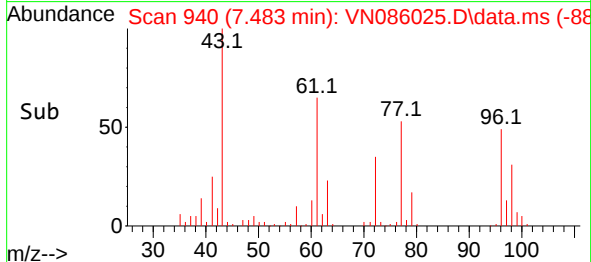
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



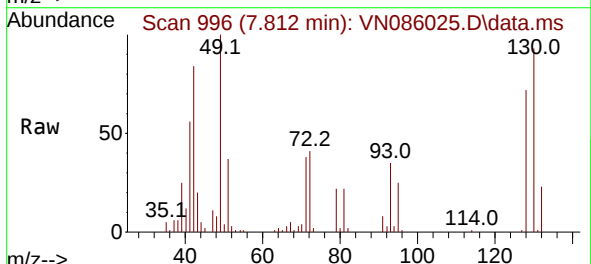
Tgt Ion: 96 Resp: 10694
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 272.8
 98 63.4 0.0 124.8

Manual Integrations
 APPROVED

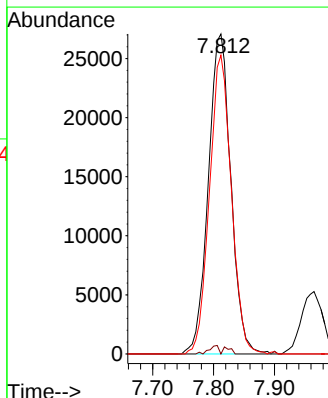
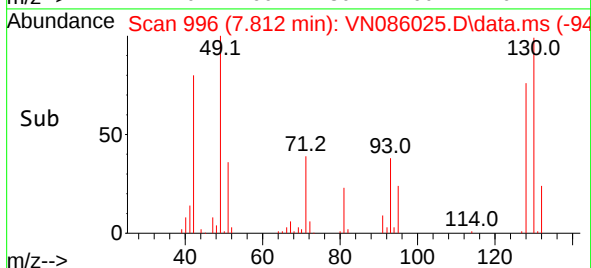
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

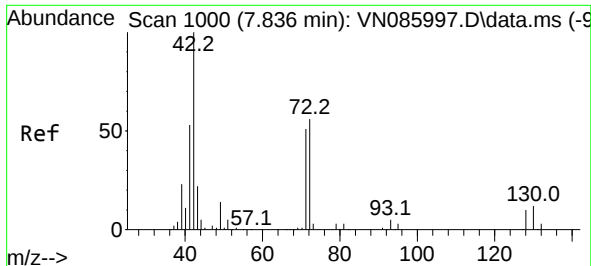


#28
 Bromochloromethane
 Concen: 53.022 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086025.D
 Acq: 20 Mar 2025 15:13



Tgt Ion: 49 Resp: 69649
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.2
 130 90.4 74.2 111.4





#29

Tetrahydrofuran

Concen: 263.497 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086025.D

Acq: 20 Mar 2025 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 15201

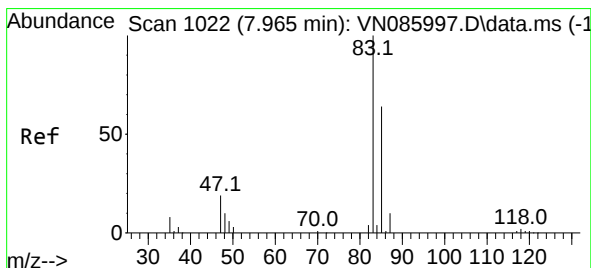
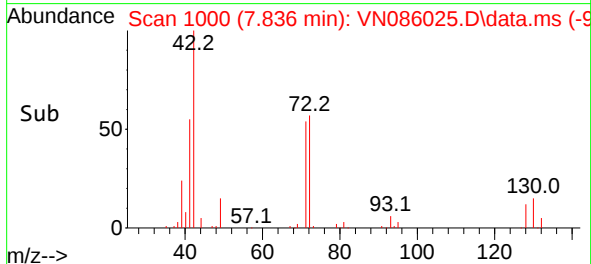
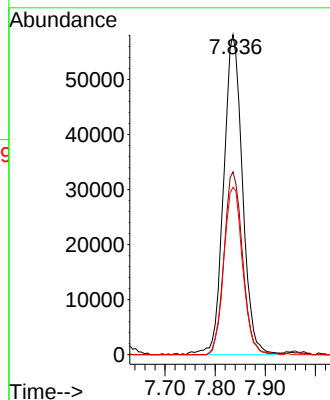
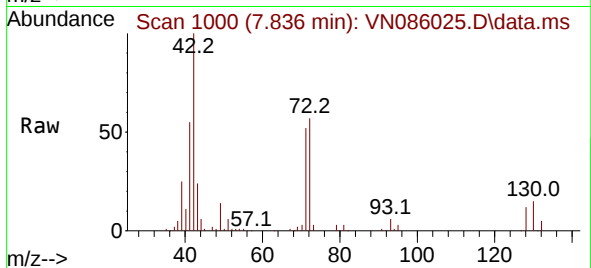
Ion	Ratio	Lower	Upper
42	100		
72	55.8	45.0	67.4
71	52.3	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#30

Chloroform

Concen: 54.577 ug/l

RT: 7.959 min Scan# 1021

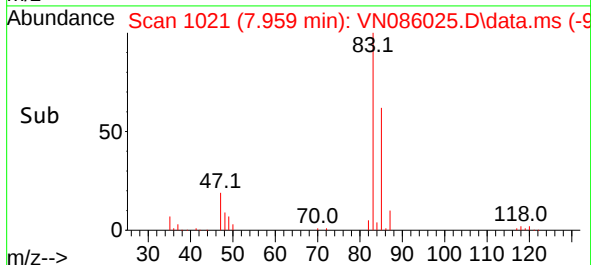
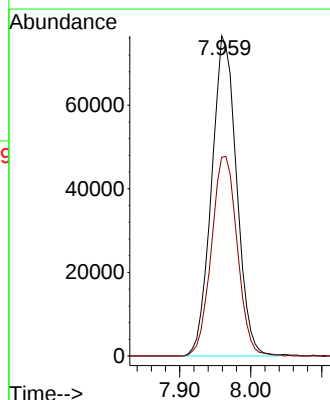
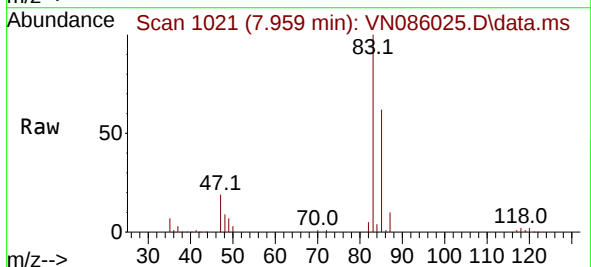
Delta R.T. -0.006 min

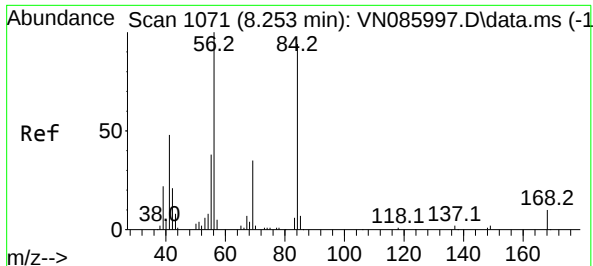
Lab File: VN086025.D

Acq: 20 Mar 2025 15:13

Tgt Ion: 83 Resp: 187036

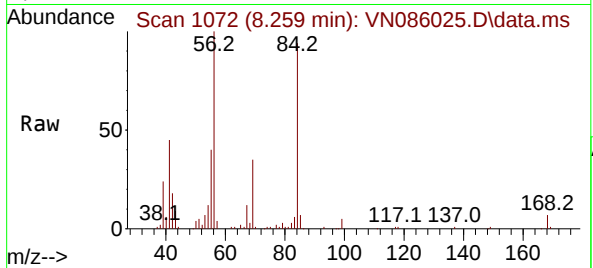
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.5	77.3





#31
Cyclohexane
Concen: 46.925 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

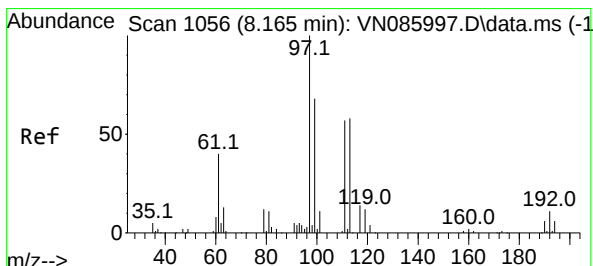
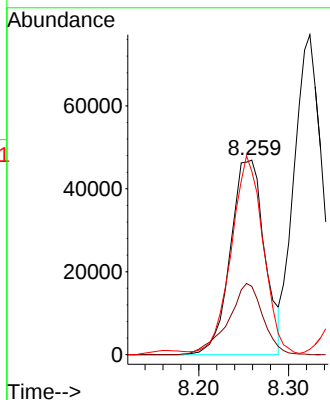
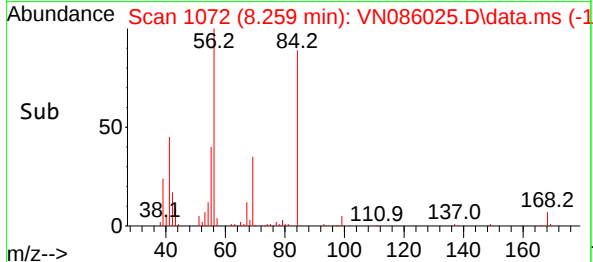
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



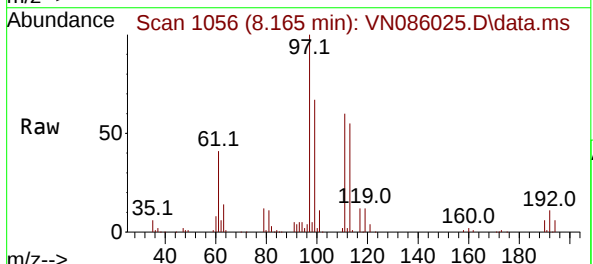
Tgt Ion: 56 Resp: 12394
Ion Ratio Lower Upper
56 100
69 35.1 28.0 42.0
84 92.4 75.0 112.6

Manual Integrations
APPROVED

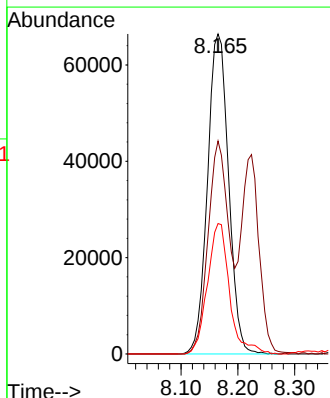
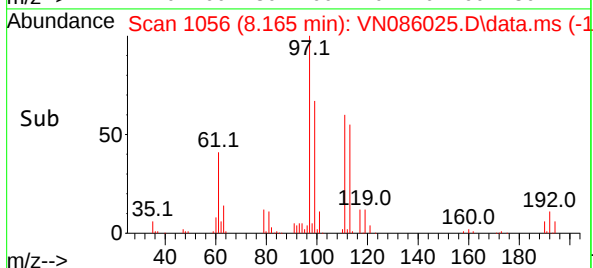
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

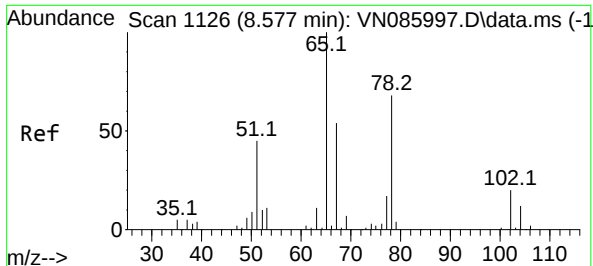


#32
1,1,1-Trichloroethane
Concen: 52.700 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



Tgt Ion: 97 Resp: 170959
Ion Ratio Lower Upper
97 100
99 65.2 52.8 79.2
61 42.7 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 53.761 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086025.D

Acq: 20 Mar 2025 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 113962

Ion Ratio Lower Upper

65 100

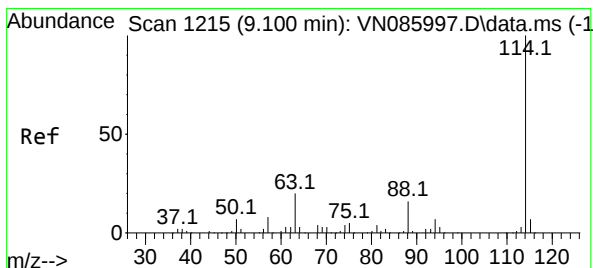
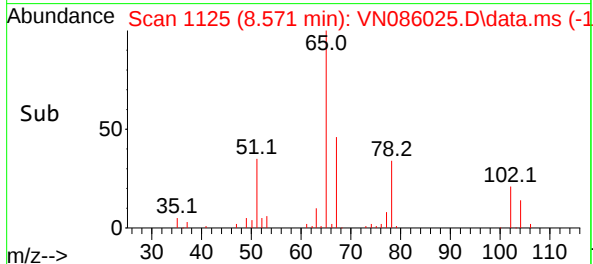
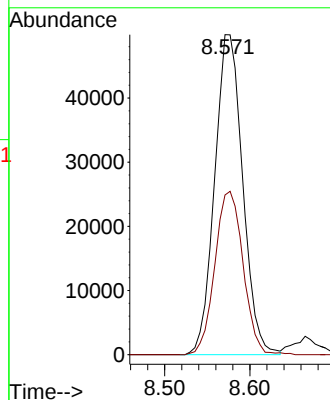
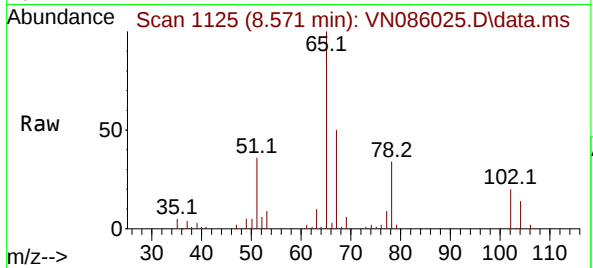
67 51.4 0.0 102.2

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: VN086025.D

Acq: 20 Mar 2025 15:13

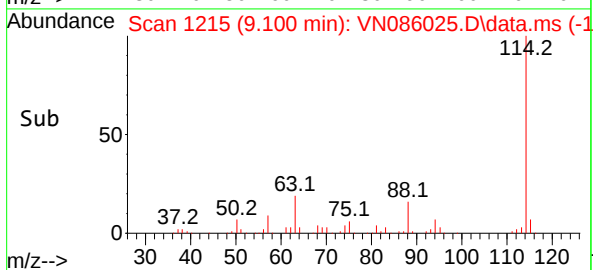
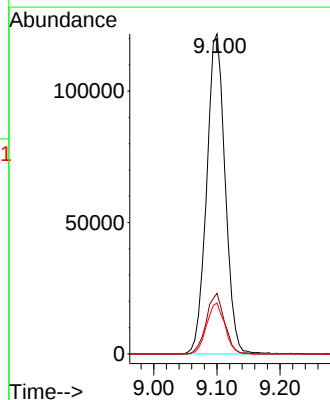
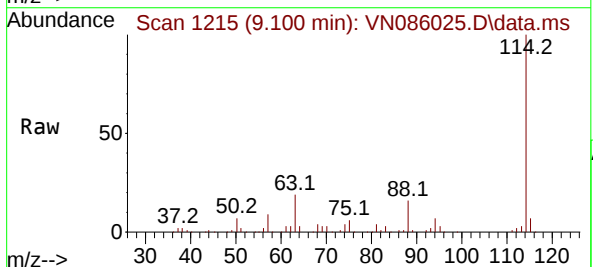
Tgt Ion:114 Resp: 247467

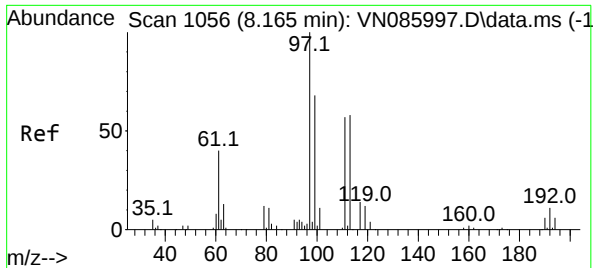
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

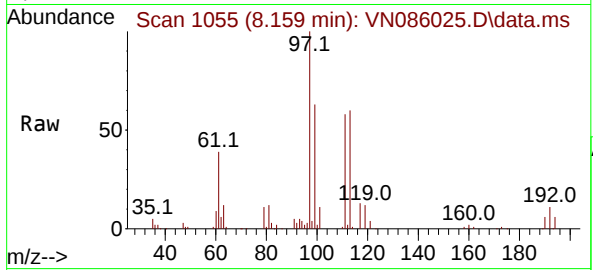
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.288 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

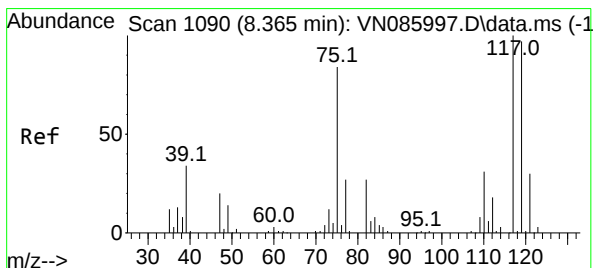
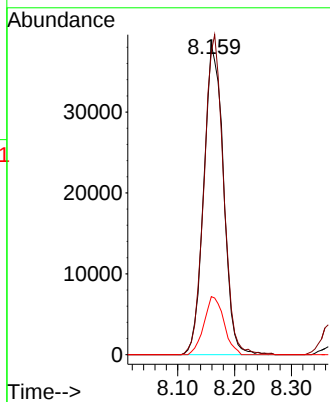
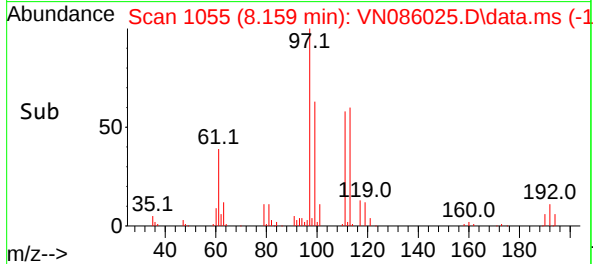
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



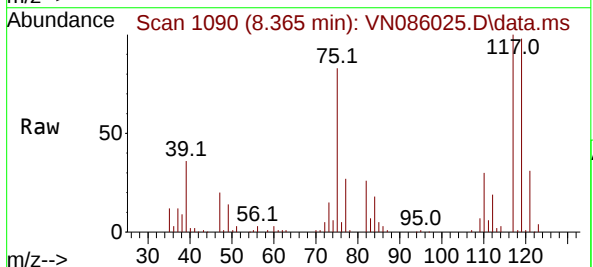
Tgt Ion: 113 Resp: 92044
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 18.9 15.9 23.9

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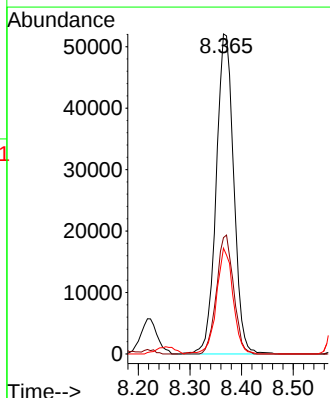
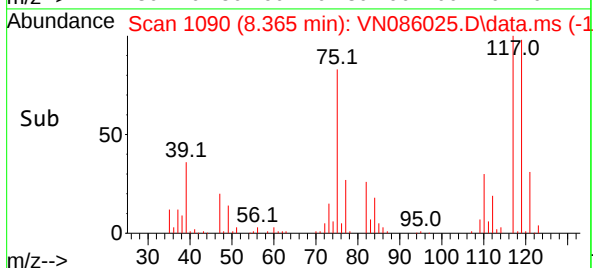
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

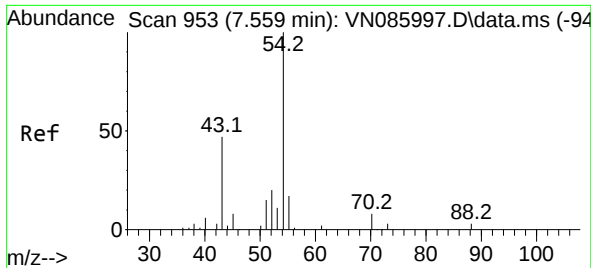


#36
1,1-Dichloropropene
Concen: 54.053 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



Tgt Ion: 75 Resp: 122938
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.3
77 31.3 25.0 37.4





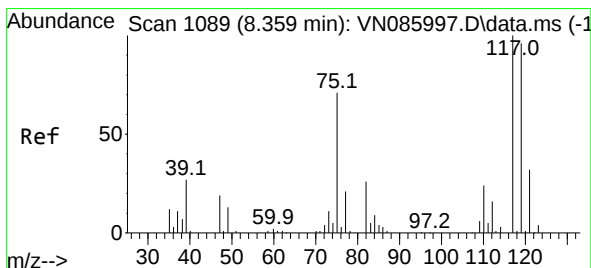
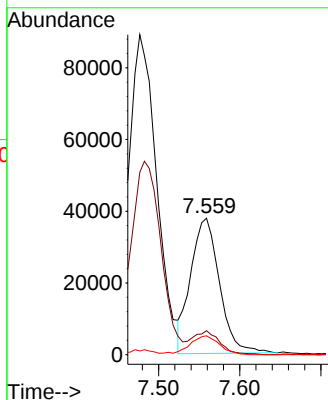
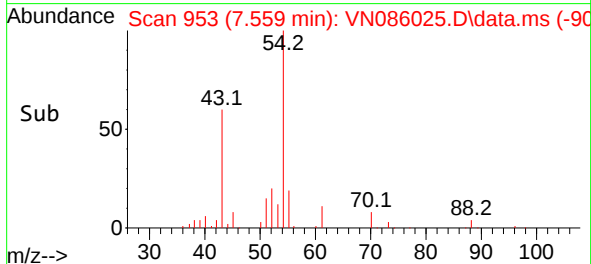
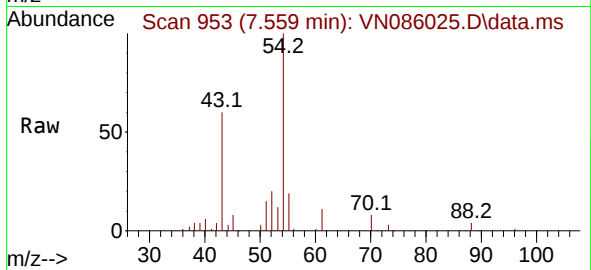
#37
Ethyl Acetate
Concen: 48.517 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 9309
Ion Ratio Lower Upper
43 100
61 15.7 13.0 19.4
70 14.4 11.0 16.6

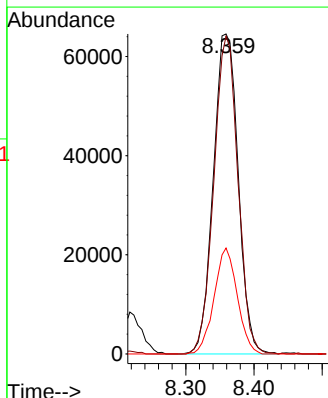
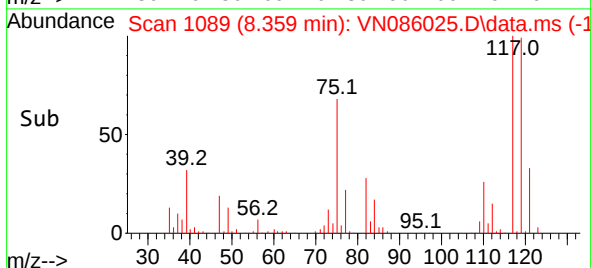
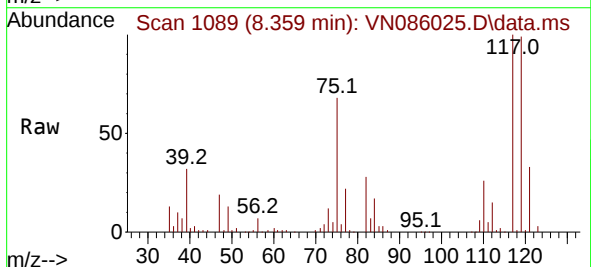
Manual Integrations
APPROVED

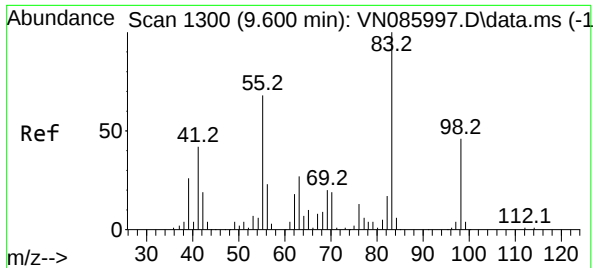
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#38
Carbon Tetrachloride
Concen: 54.825 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

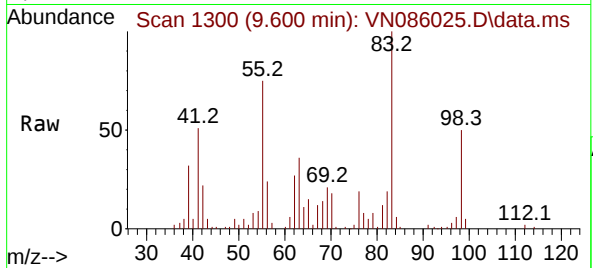
Tgt Ion:117 Resp: 163954
Ion Ratio Lower Upper
117 100
119 99.3 77.0 115.4
121 33.1 25.6 38.4





#39
Methylcyclohexane
Concen: 46.019 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

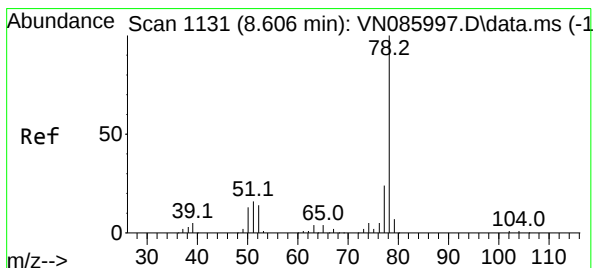
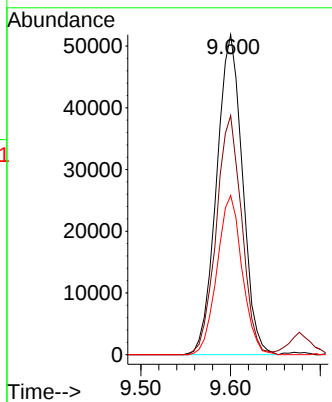
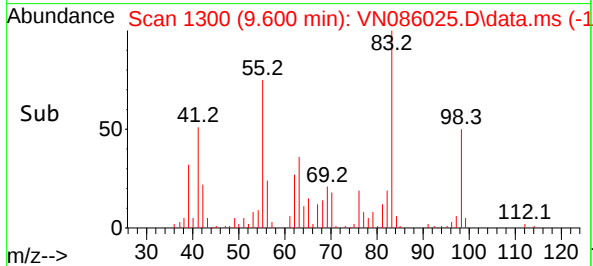
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



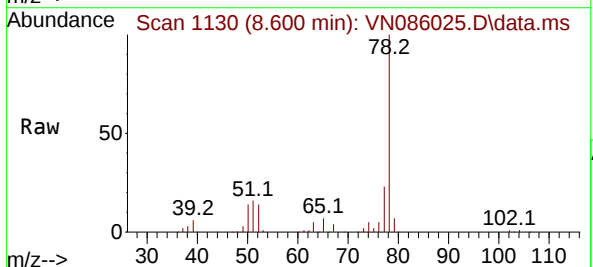
Tgt Ion: 83 Resp: 10384
Ion Ratio Lower Upper
83 100
55 74.7 54.2 81.2
98 49.8 37.1 55.7

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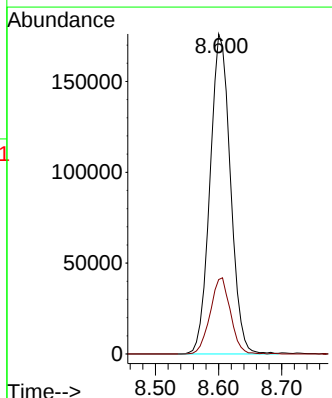
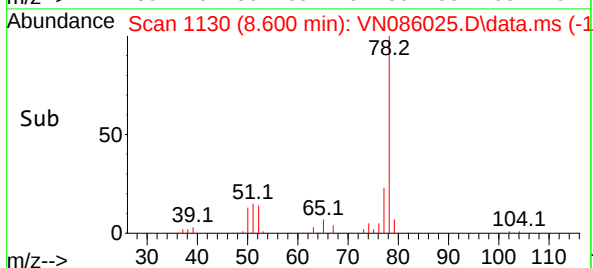
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#40
Benzene
Concen: 55.386 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



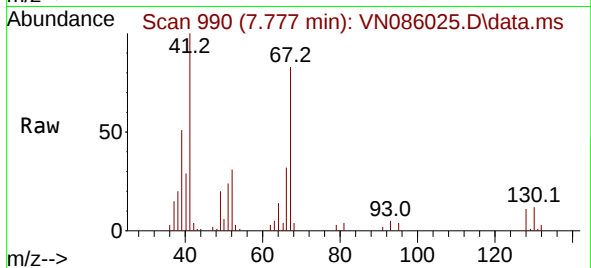
Tgt Ion: 78 Resp: 395449
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





#41
Methacrylonitrile
Concen: 53.159 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

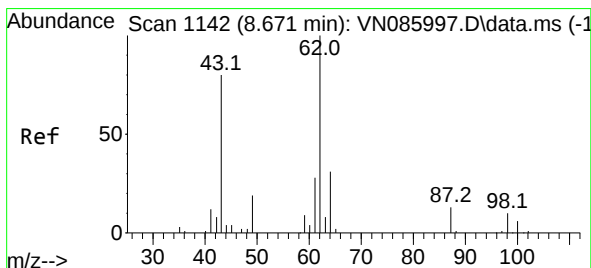
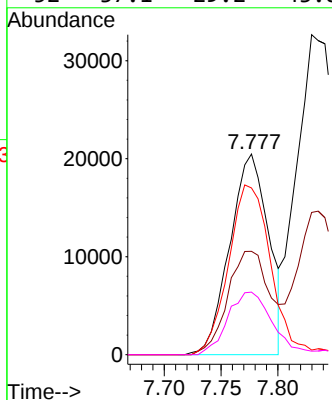
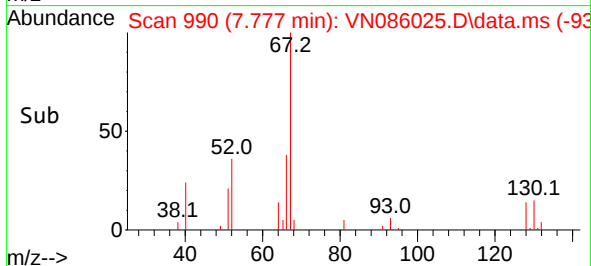
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



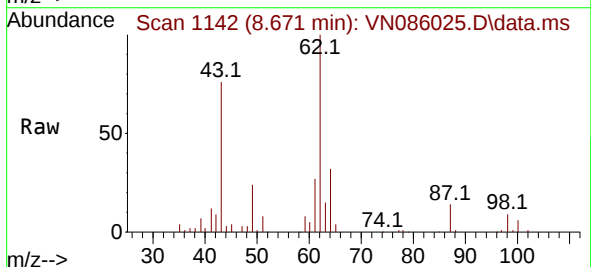
Tgt Ion: 41 Resp: 48700
Ion Ratio Lower Upper
41 100
39 55.1 46.2 69.2
67 92.8 75.9 113.9
52 37.1 29.2 43.8

Manual Integrations
APPROVED

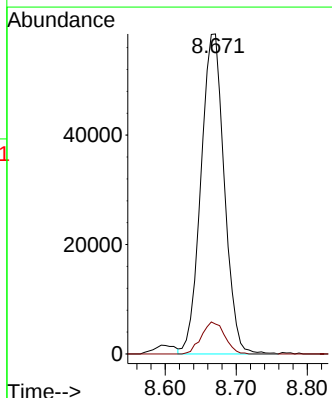
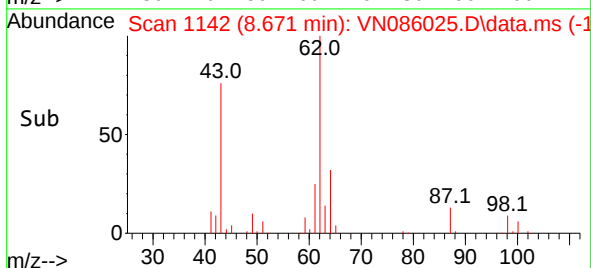
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#42
1,2-Dichloroethane
Concen: 53.801 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



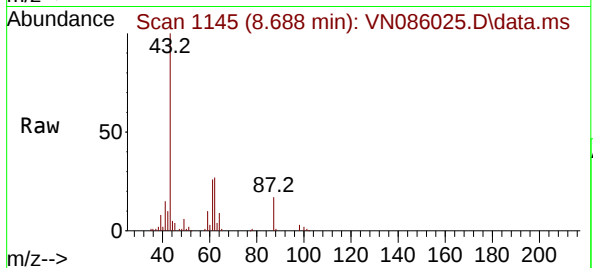
Tgt Ion: 62 Resp: 133848
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.6





#43
Isopropyl Acetate
Concen: 37.383 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

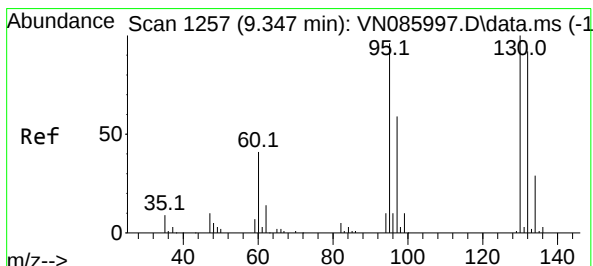
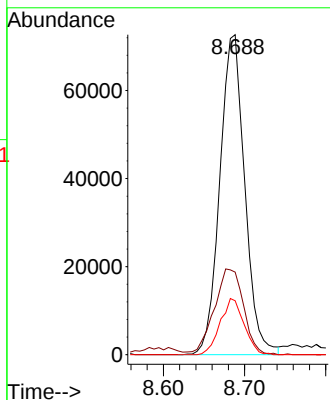
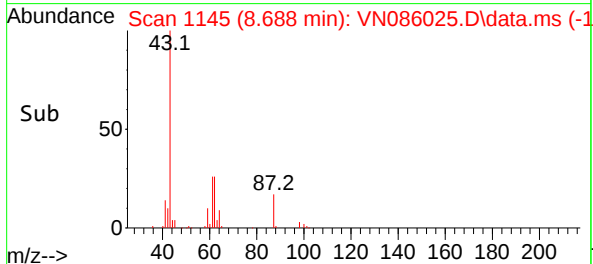
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15543
Ion Ratio Lower Upper
43 100
61 31.4 25.0 37.6
87 16.7 13.0 19.4

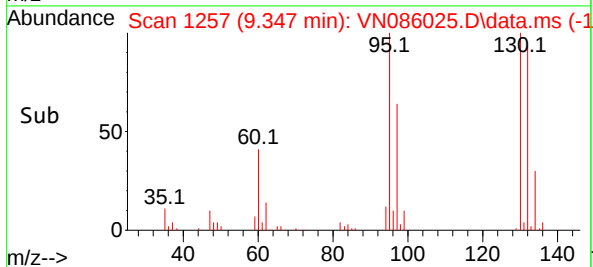
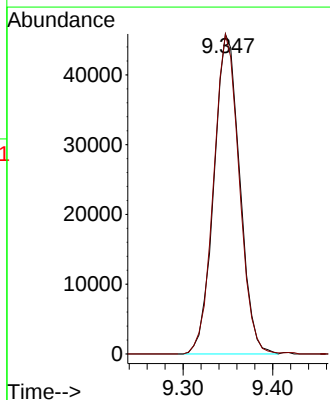
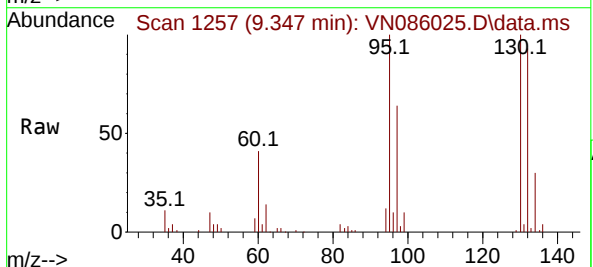
Manual Integrations
APPROVED

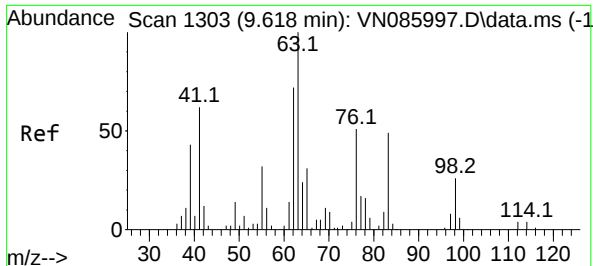
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#44
Trichloroethene
Concen: 49.368 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion:130 Resp: 91356
Ion Ratio Lower Upper
130 100
95 99.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 56.984 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086025.D

Acq: 20 Mar 2025 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 92539

Ion Ratio Lower Upper

63 100

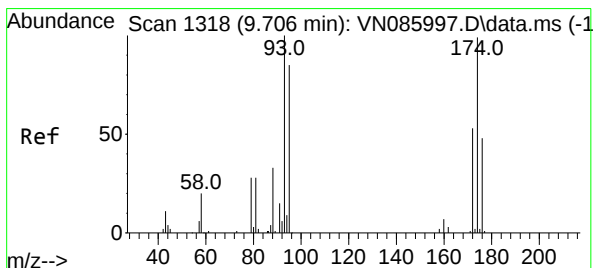
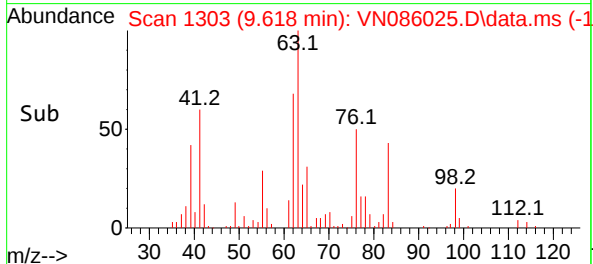
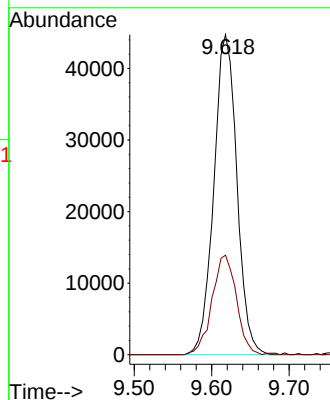
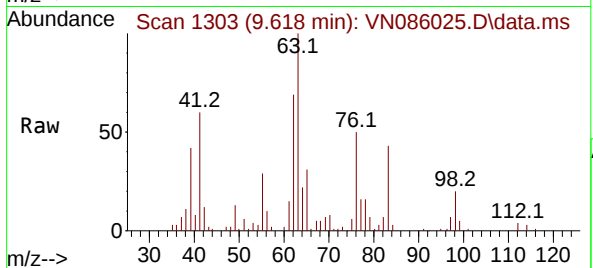
65 31.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#46

Dibromomethane

Concen: 55.257 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086025.D

Acq: 20 Mar 2025 15:13

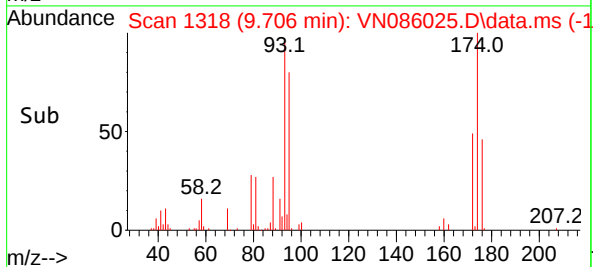
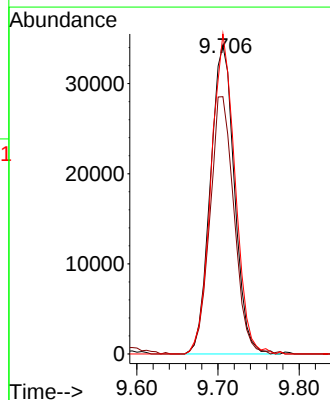
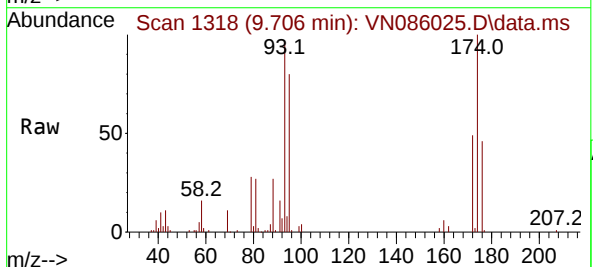
Tgt Ion: 93 Resp: 70570

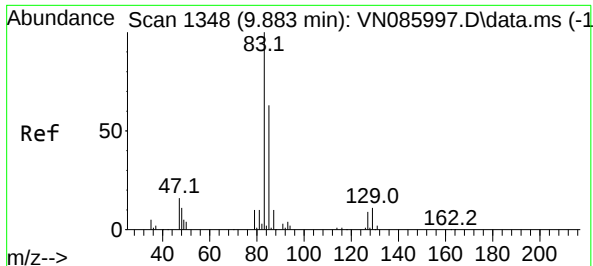
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

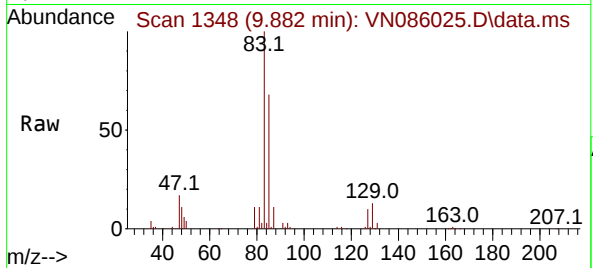
174 103.0 80.1 120.1





#47
Bromodichloromethane
Concen: 55.069 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

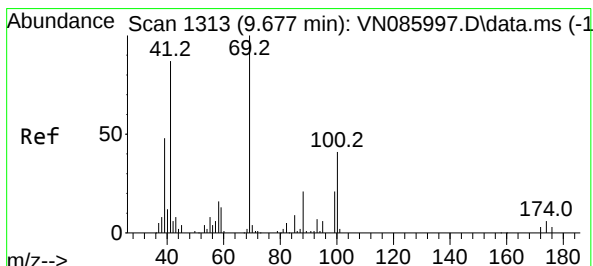
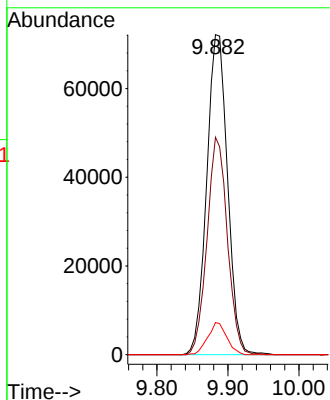
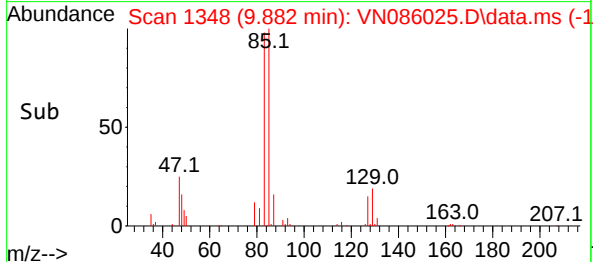
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 146980
Ion Ratio Lower Upper
83 100
85 67.9 50.2 75.2
127 10.1 7.1 10.7

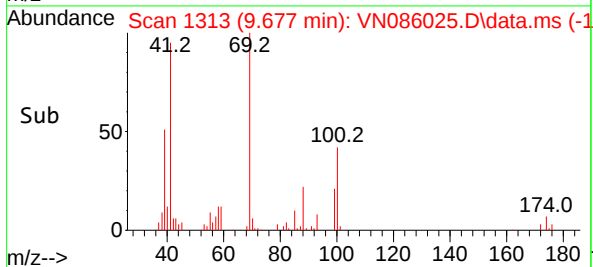
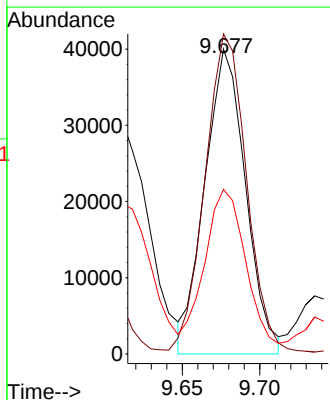
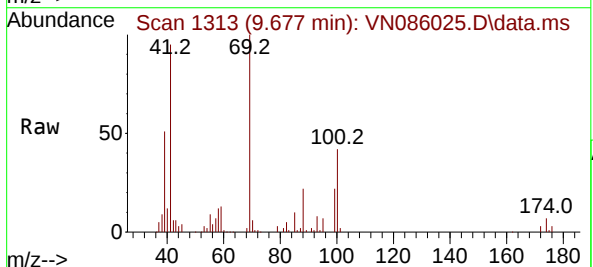
Manual Integrations
APPROVED

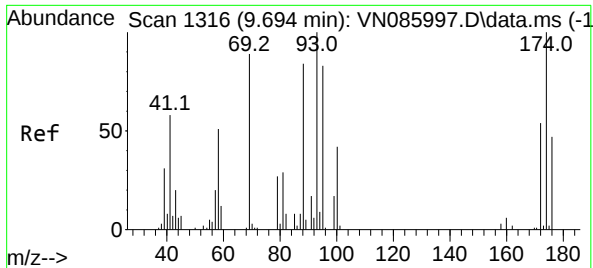
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#48
Methyl methacrylate
Concen: 53.284 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

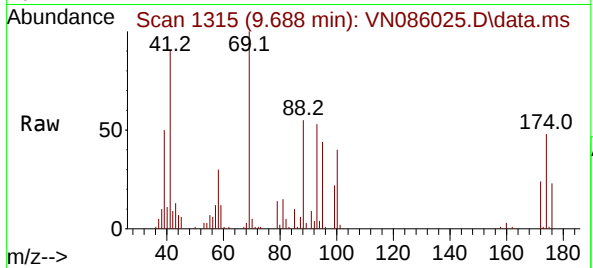
Tgt Ion: 41 Resp: 73109
Ion Ratio Lower Upper
41 100
69 108.1 83.1 124.7
39 56.1 45.6 68.4





#49
1,4-Dioxane
Concen: 1066.684 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

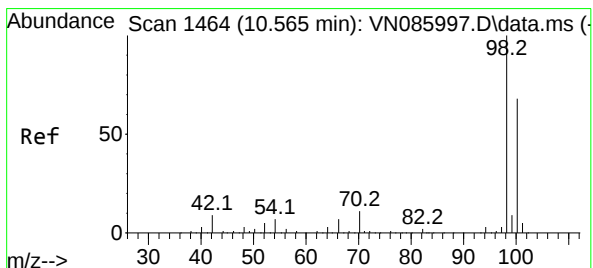
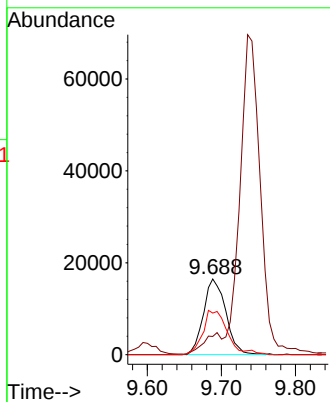
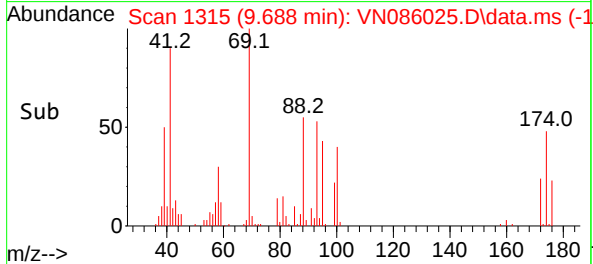
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



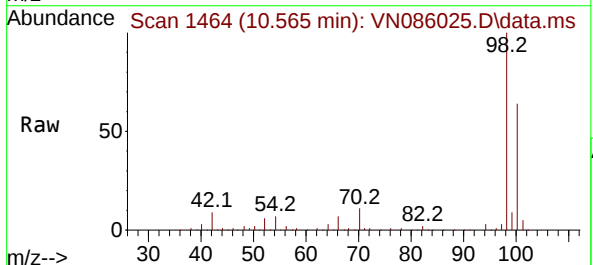
Tgt Ion: 88 Resp: 34598
Ion Ratio Lower Upper
88 100
43 0.0 21.7 32.5
58 64.3 50.4 75.6

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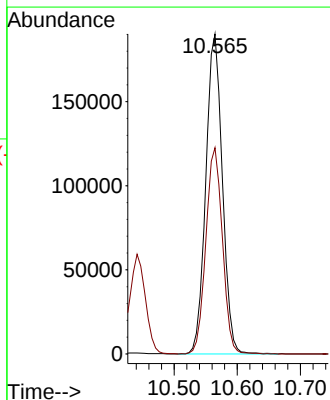
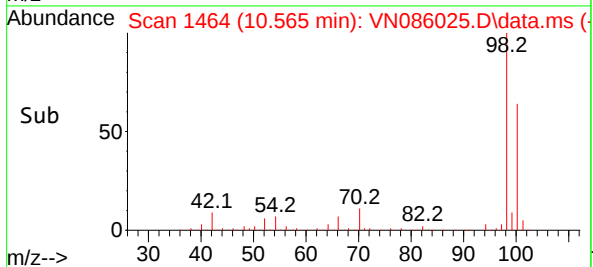
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

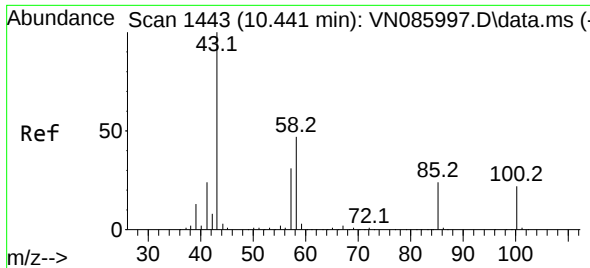


#50
Toluene-d8
Concen: 55.201 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



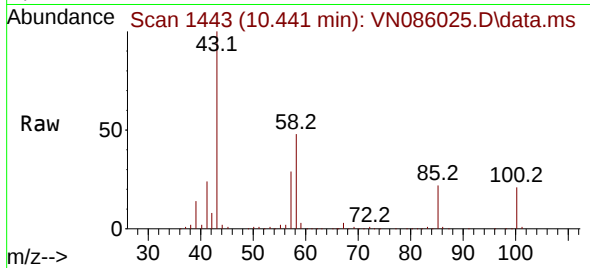
Tgt Ion: 98 Resp: 346047
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 271.519 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

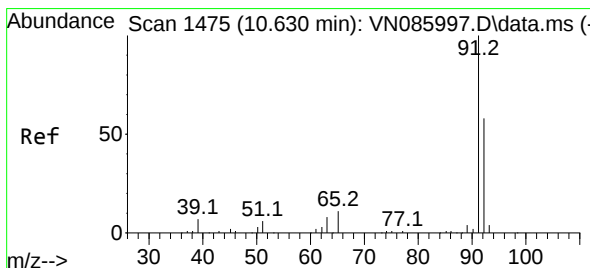
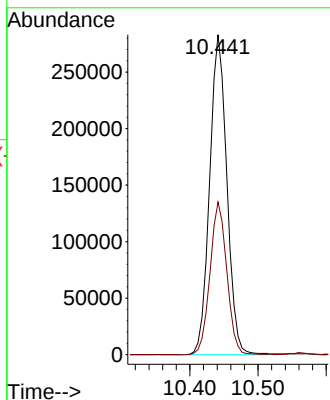
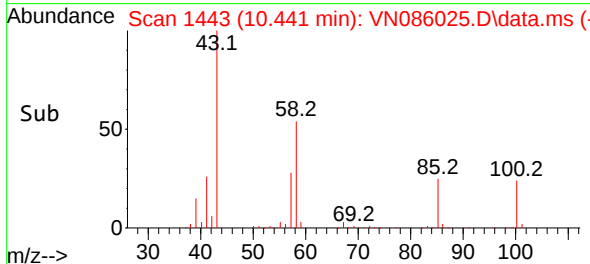
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 497894
Ion Ratio Lower Upper
43 100
58 46.5 37.4 56.0

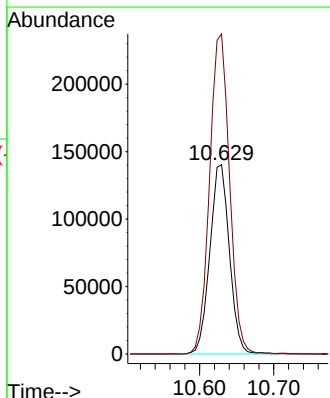
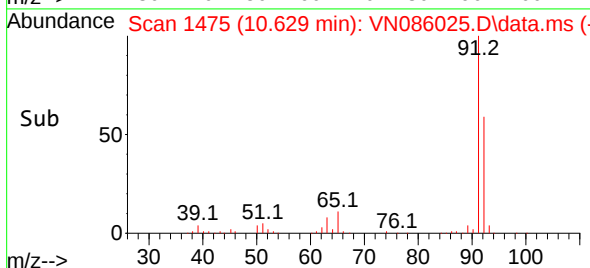
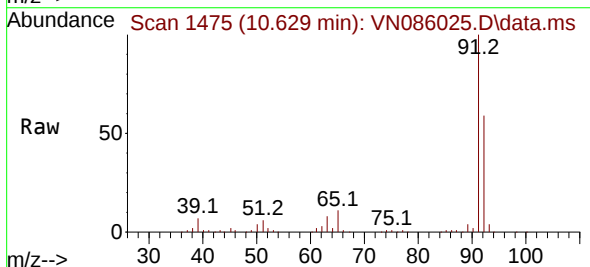
Manual Integrations
APPROVED

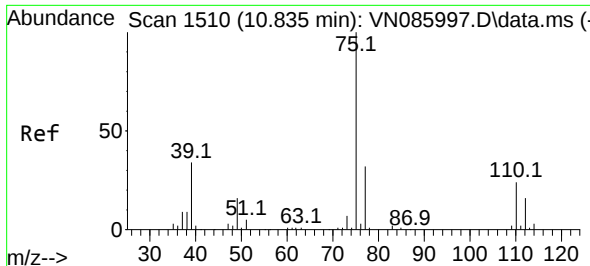
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#52
Toluene
Concen: 58.551 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

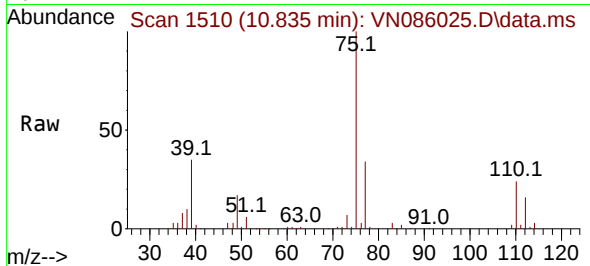
Tgt Ion: 92 Resp: 256576
Ion Ratio Lower Upper
92 100
91 173.0 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 53.439 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

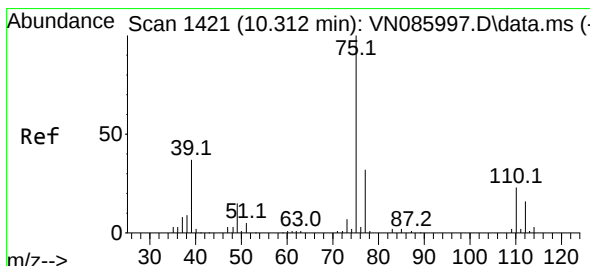
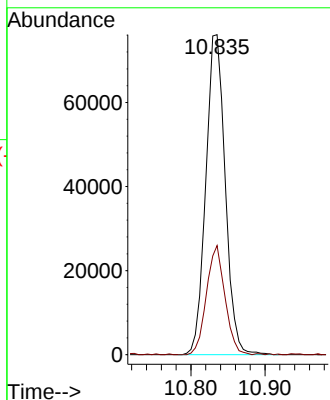
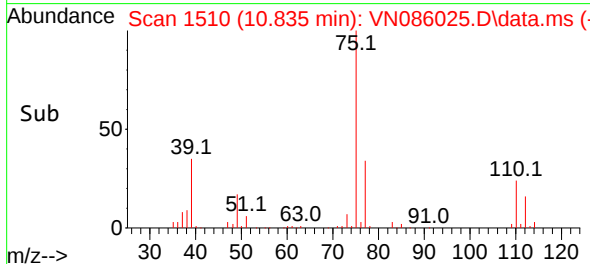
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



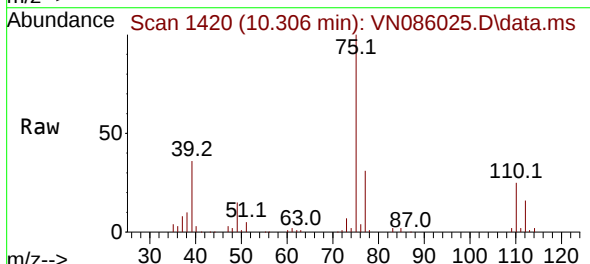
Tgt Ion: 75 Resp: 13852
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9

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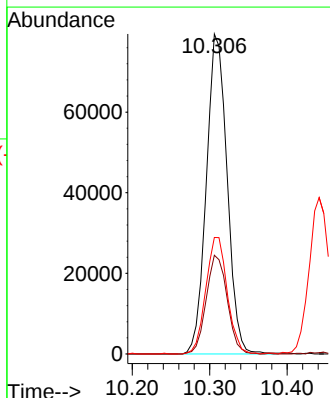
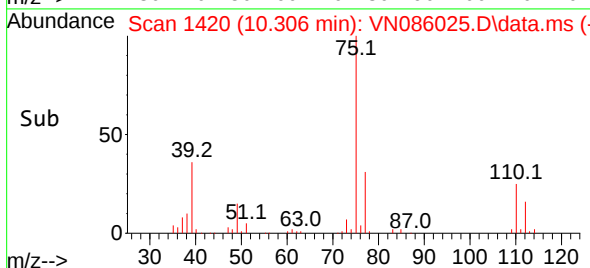
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

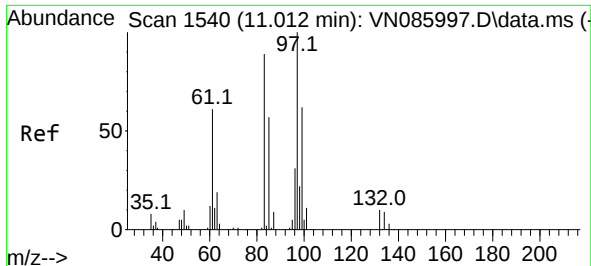


#54
cis-1,3-Dichloropropene
Concen: 54.049 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



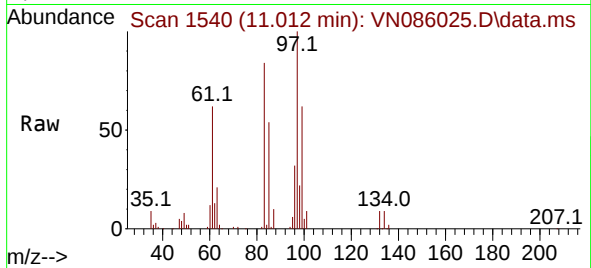
Tgt Ion: 75 Resp: 147818
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9
39 36.4 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 57.879 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

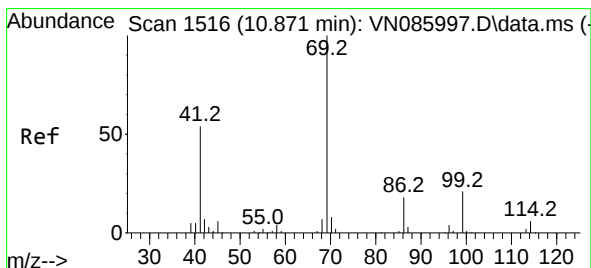
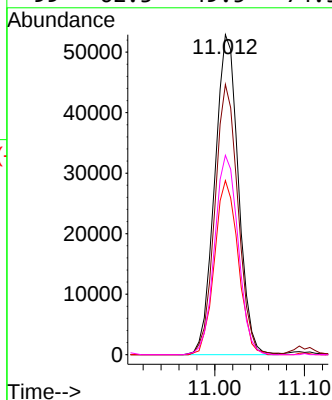
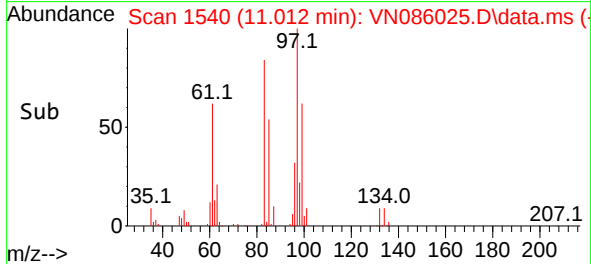
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	96800
Ion Ratio	100	Lower	Upper
97	100		
83	84.5	71.2	106.8
85	54.4	45.4	68.0
99	62.3	49.5	74.3

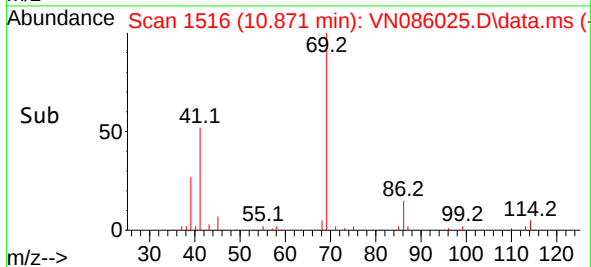
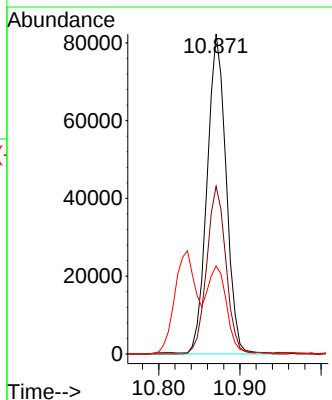
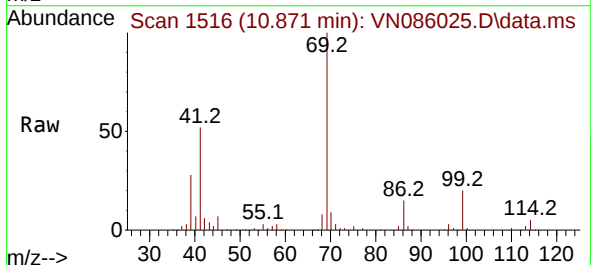
Manual Integrations
APPROVED

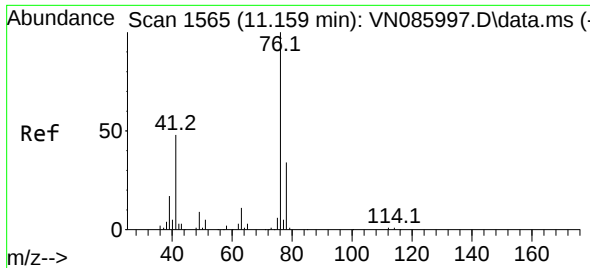
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#56
Ethyl methacrylate
Concen: 51.097 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

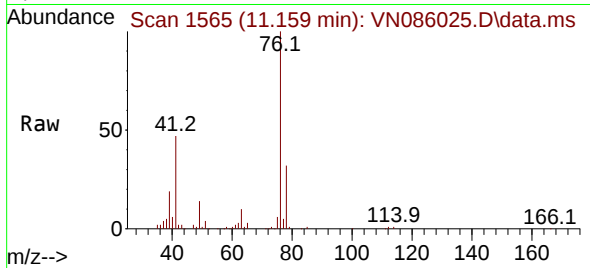
Tgt Ion:	69	Resp:	133903
Ion Ratio	100	Lower	Upper
69	100		
41	51.9	41.6	62.4
39	27.7	21.8	32.8





#57
1,3-Dichloropropane
Concen: 56.064 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

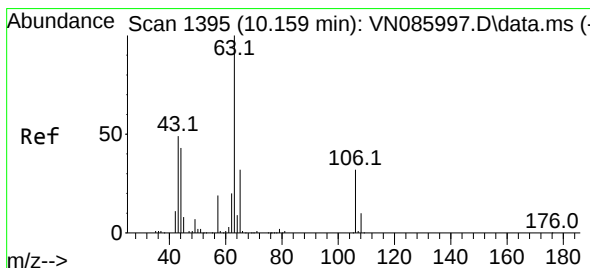
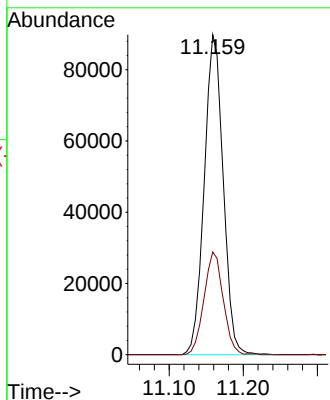
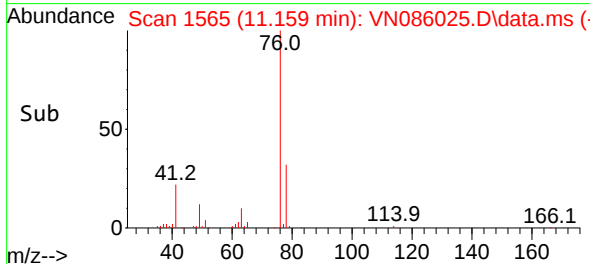
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 15926
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.6

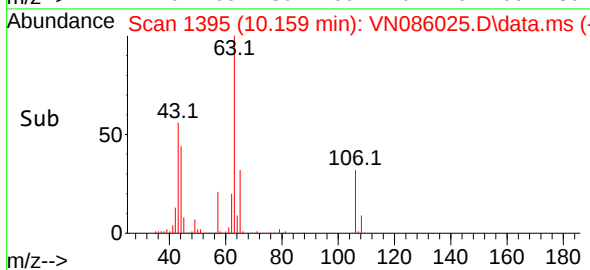
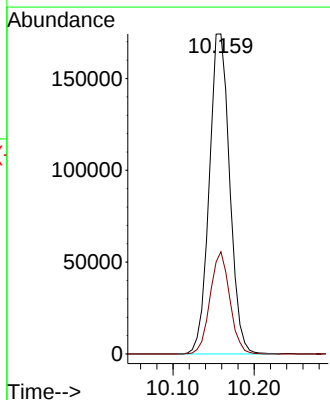
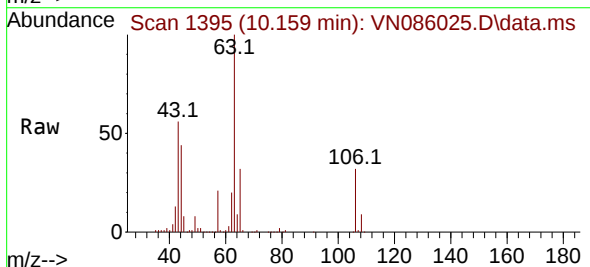
Manual Integrations
APPROVED

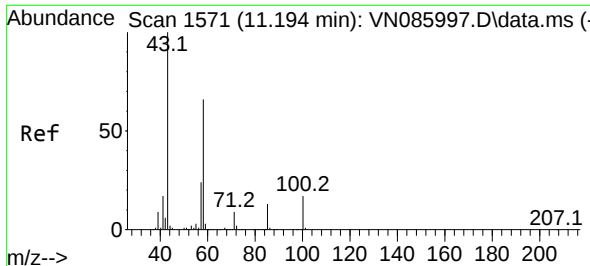
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#58
2-Chloroethyl Vinyl ether
Concen: 294.324 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

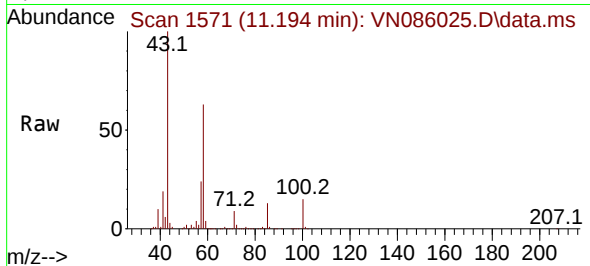
Tgt Ion: 63 Resp: 304809
Ion Ratio Lower Upper
63 100
106 30.7 25.0 37.6





#59
2-Hexanone
Concen: 274.492 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

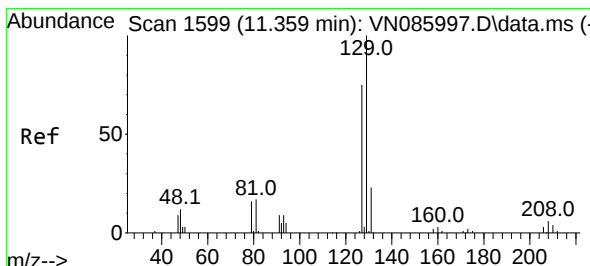
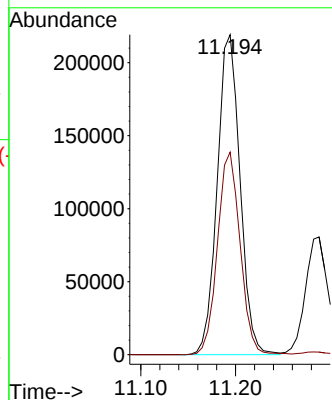
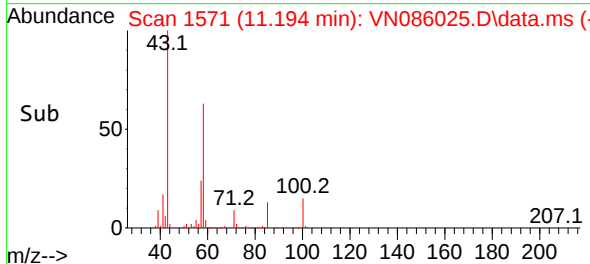
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



Tgt Ion: 43 Resp: 366684
Ion Ratio Lower Upper
43 100
58 62.7 32.4 97.2

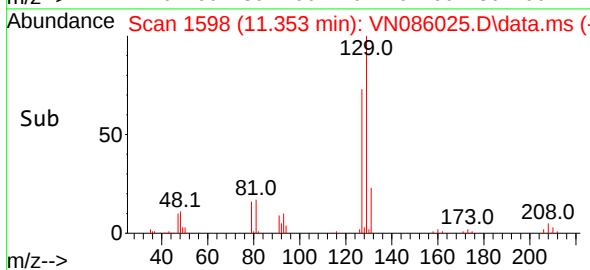
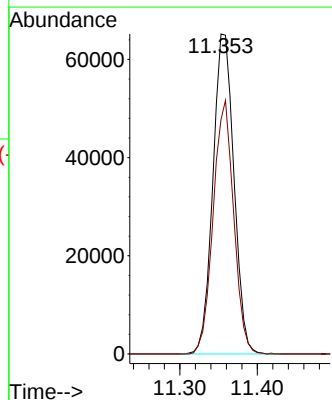
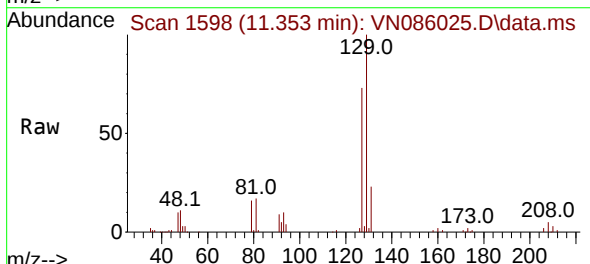
Manual Integrations
APPROVED

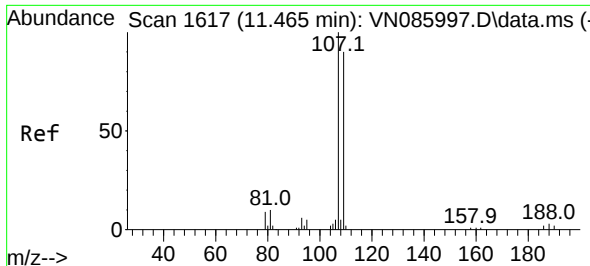
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#60
Dibromochloromethane
Concen: 57.133 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

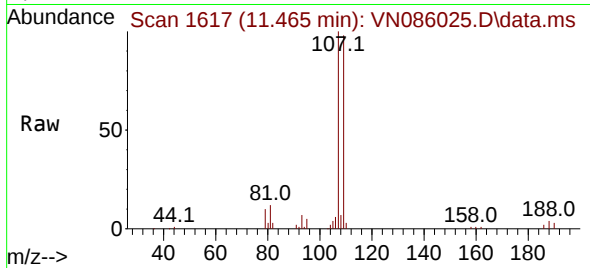
Tgt Ion:129 Resp: 123307
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.4





#61
1,2-Dibromoethane
Concen: 55.186 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

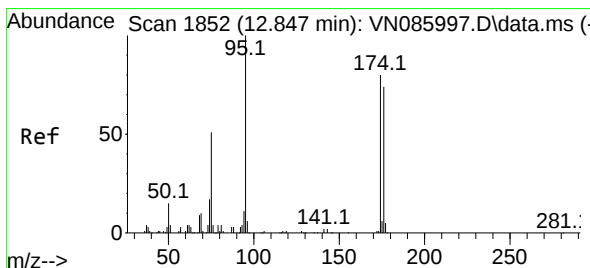
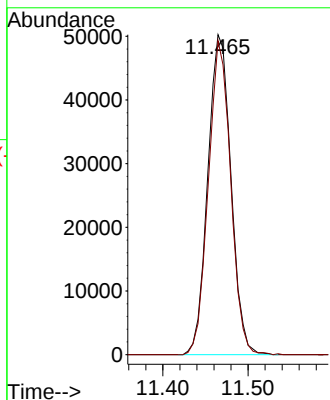
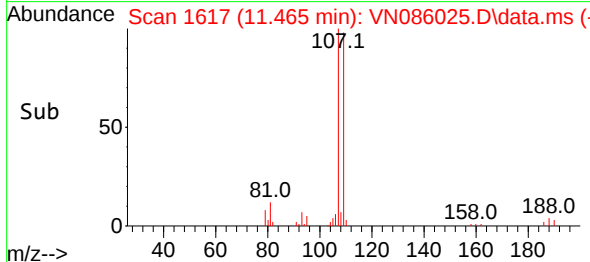
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



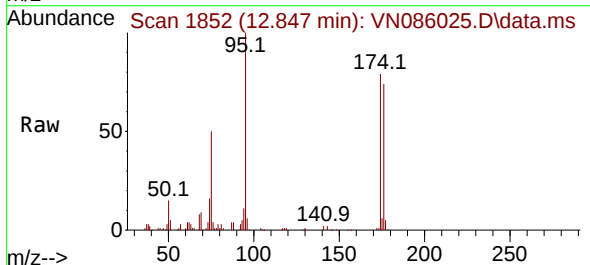
Tgt Ion:107 Resp: 94758
Ion Ratio Lower Upper
107 100
109 94.5 73.3 109.9

Manual Integrations
APPROVED

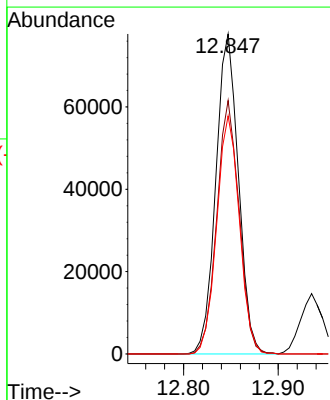
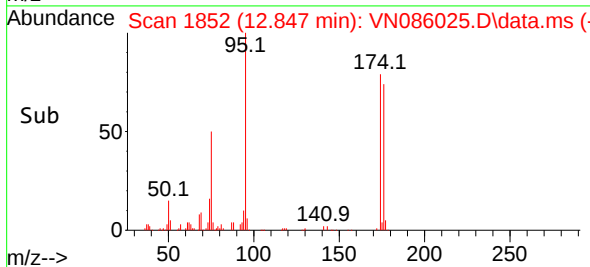
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

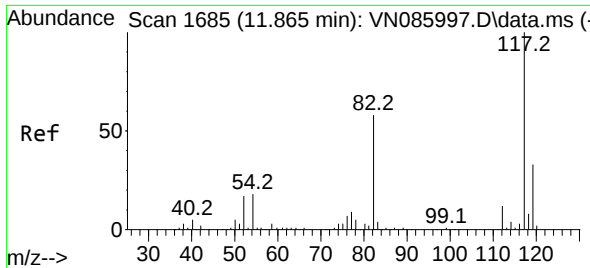


#62
4-Bromofluorobenzene
Concen: 57.615 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



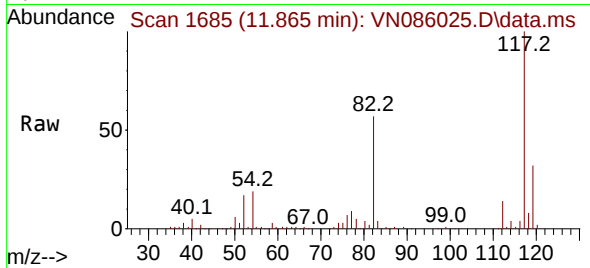
Tgt Ion: 95 Resp: 128808
Ion Ratio Lower Upper
95 100
174 78.4 0.0 156.8
176 74.7 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

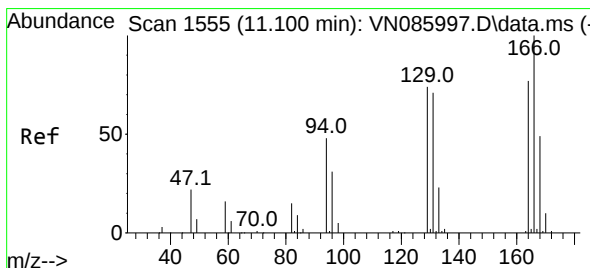
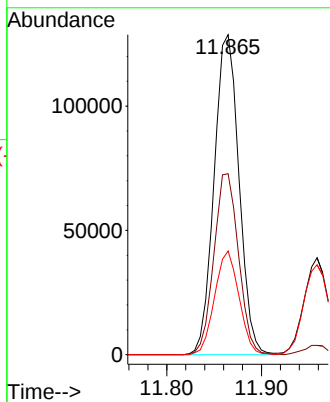
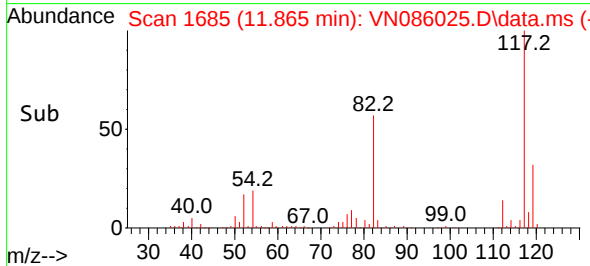
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



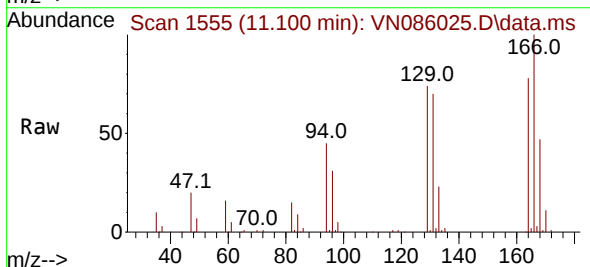
Tgt Ion:117 Resp: 235468
Ion Ratio Lower Upper
117 100
82 56.6 46.7 70.1
119 32.4 26.5 39.7

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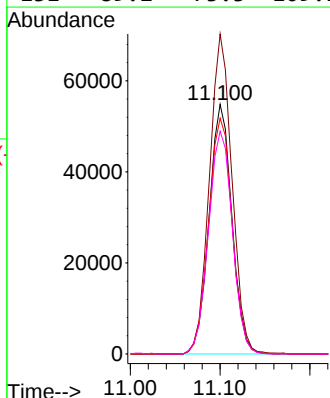
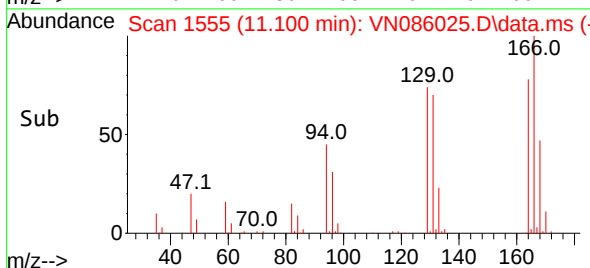
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

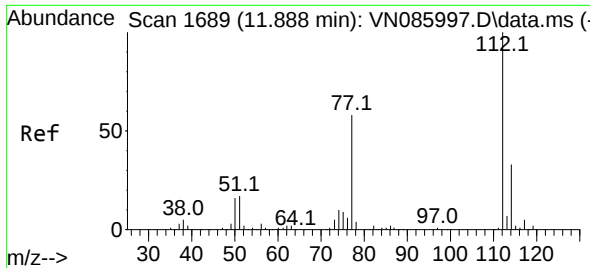


#64
Tetrachloroethene
Concen: 51.608 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



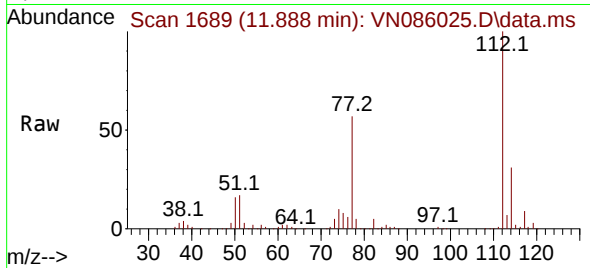
Tgt Ion:164 Resp: 96937
Ion Ratio Lower Upper
164 100
166 128.2 103.7 155.5
129 94.4 77.1 115.7
131 89.2 73.3 109.9





#65
Chlorobenzene
Concen: 51.895 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

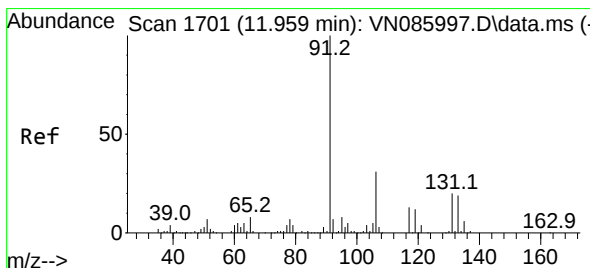
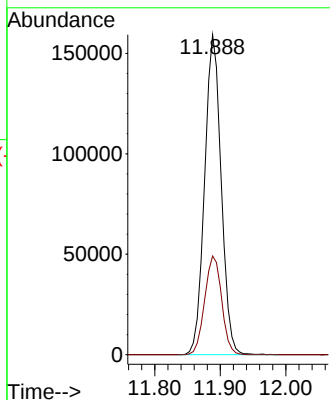
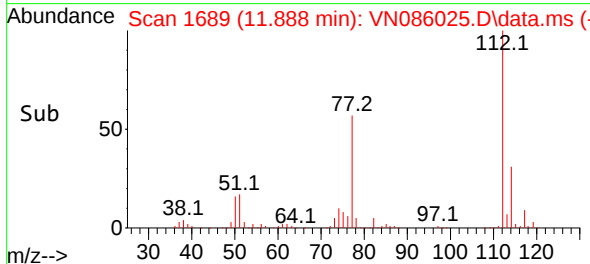
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



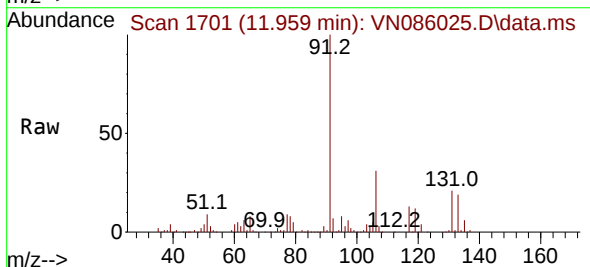
Tgt Ion:112 Resp: 279618
Ion Ratio Lower Upper
112 100
114 30.9 26.3 39.5

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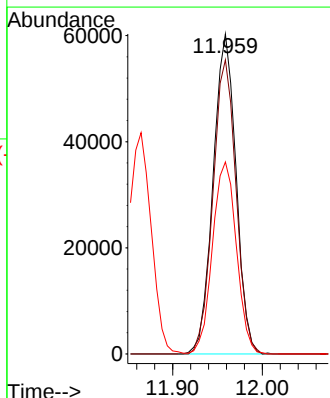
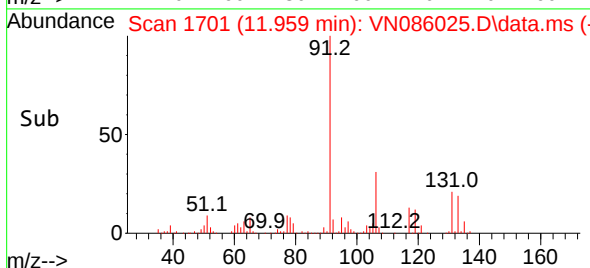
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.221 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



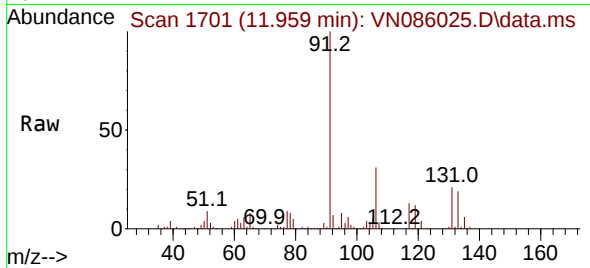
Tgt Ion:131 Resp: 106600
Ion Ratio Lower Upper
131 100
133 93.0 47.0 141.0
119 62.7 31.4 94.0





#67
Ethyl Benzene
Concen: 55.722 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

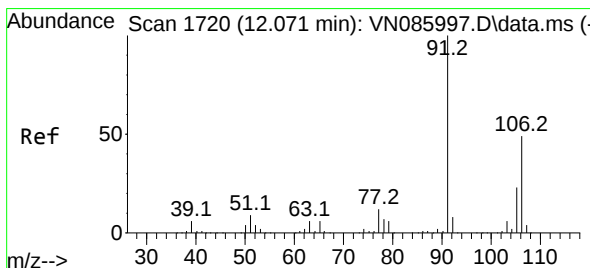
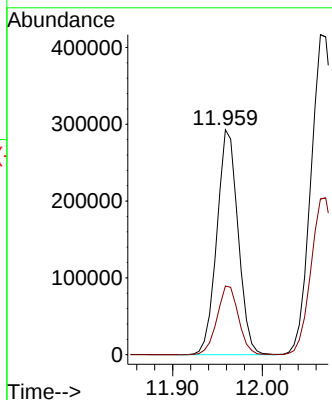
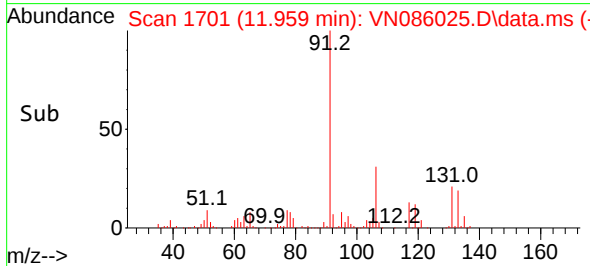
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 480272
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

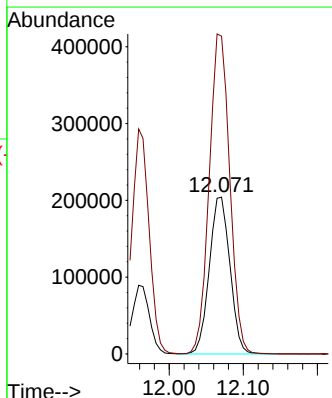
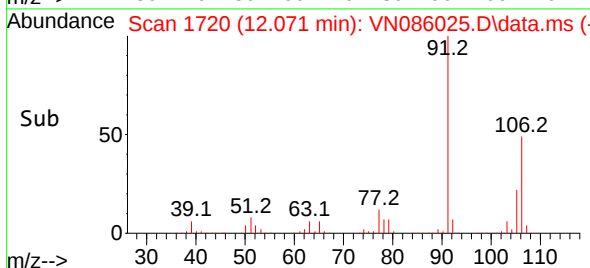
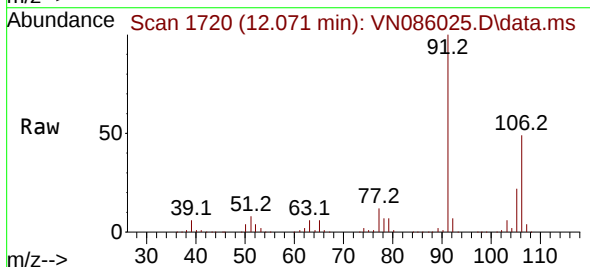
Manual Integrations
APPROVED

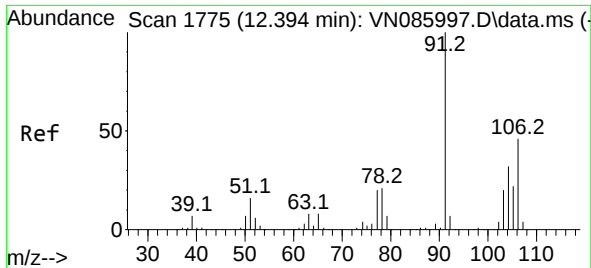
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#68
m/p-Xylenes
Concen: 116.540 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion:106 Resp: 394800
Ion Ratio Lower Upper
106 100
91 203.1 163.9 245.9





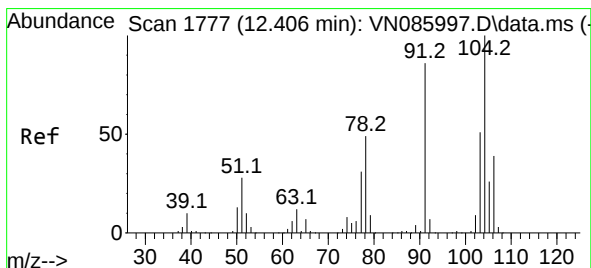
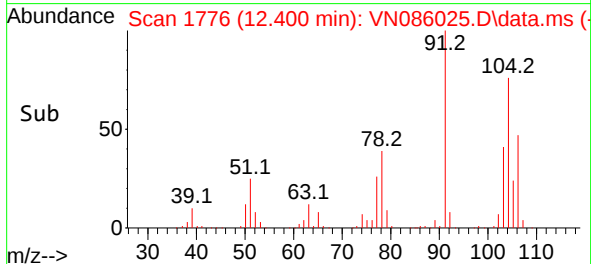
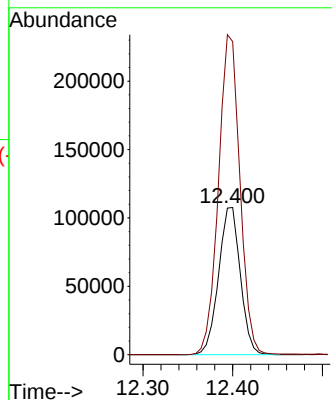
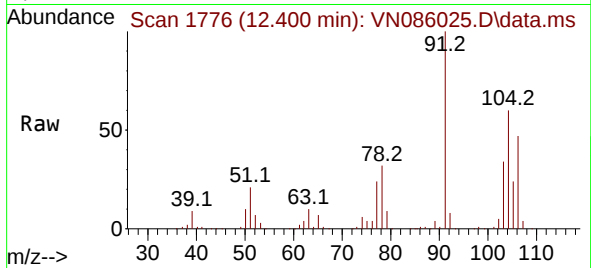
#69
o-Xylene
Concen: 58.345 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 181408
Ion Ratio Lower Upper
106 100
91 214.6 109.1 327.2

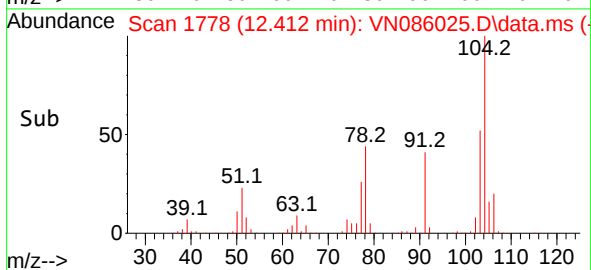
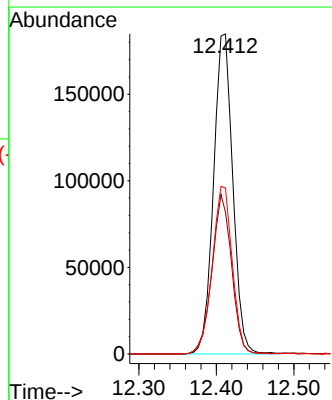
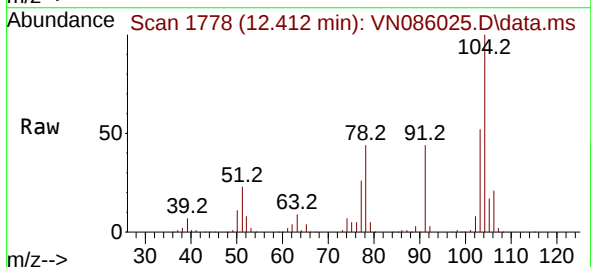
Manual Integrations
APPROVED

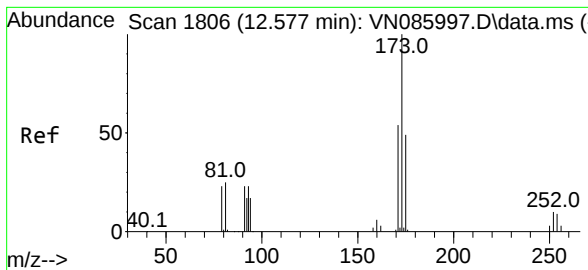
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#70
Styrene
Concen: 60.107 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion:104 Resp: 319210
Ion Ratio Lower Upper
104 100
78 50.6 41.4 62.2
103 54.5 42.9 64.3





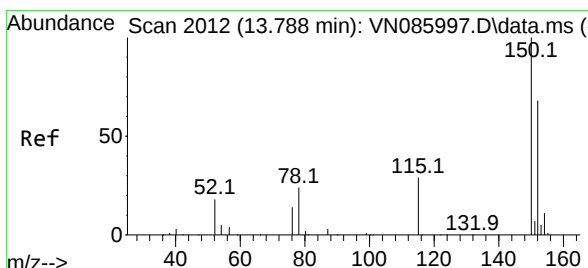
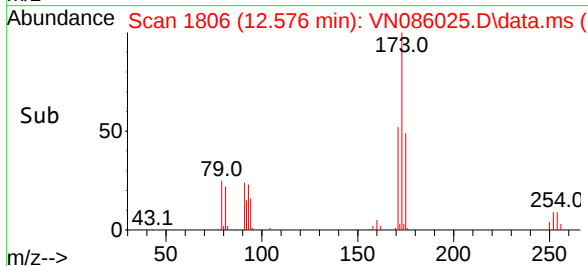
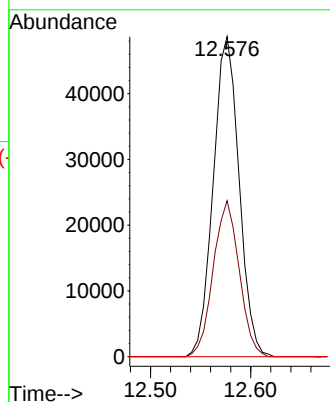
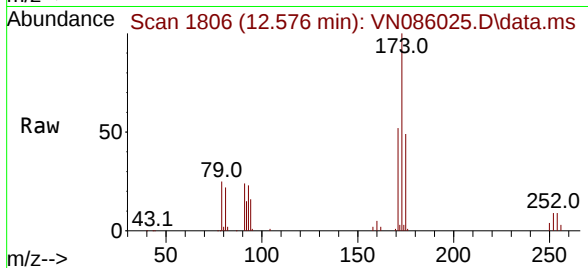
#71
Bromoform
Concen: 52.033 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 8712
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

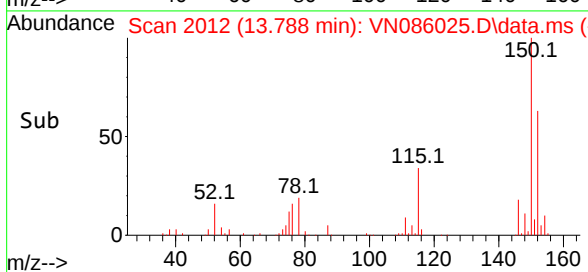
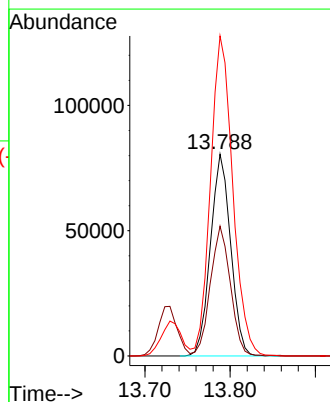
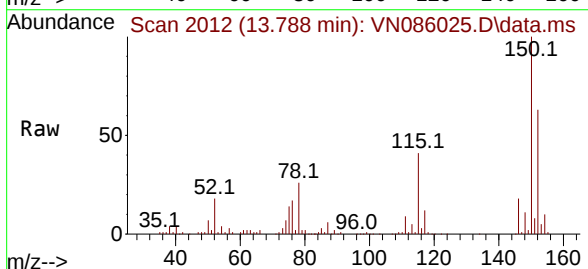
Manual Integrations
APPROVED

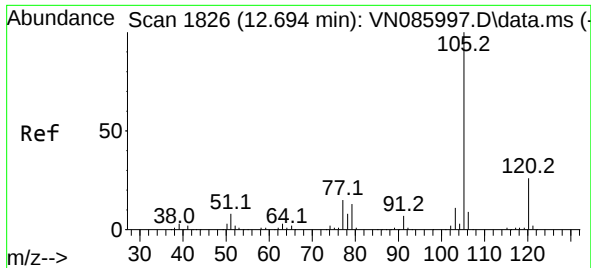
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion:152 Resp: 132733
Ion Ratio Lower Upper
152 100
115 63.7 31.1 93.2
150 174.6 0.0 359.6





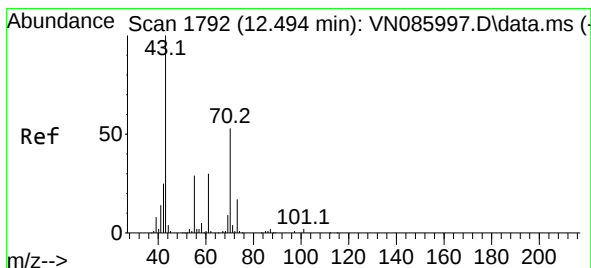
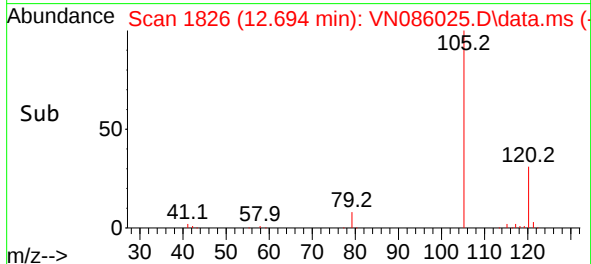
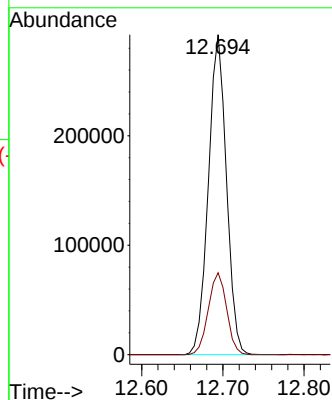
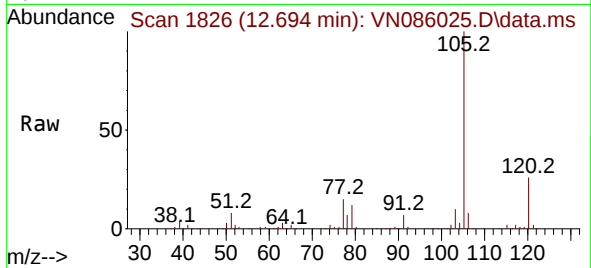
#73
Isopropylbenzene
Concen: 49.767 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 45109
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

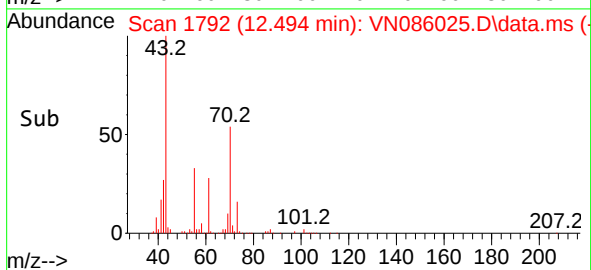
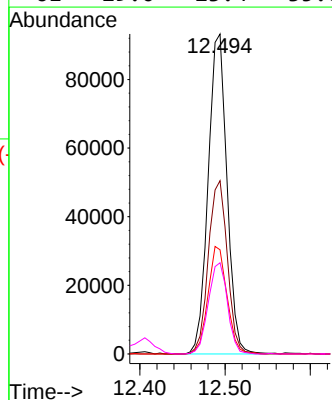
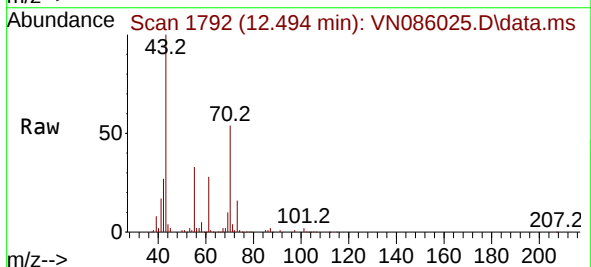
Manual Integrations
APPROVED

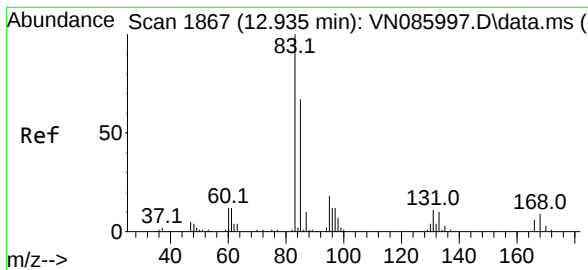
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#74
N-ethyl acetate
Concen: 47.173 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

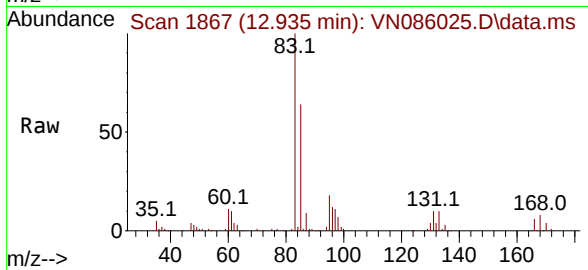
Tgt Ion: 43 Resp: 143054
Ion Ratio Lower Upper
43 100
70 54.8 43.0 64.4
55 33.9 23.8 35.8
61 29.0 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 44.800 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

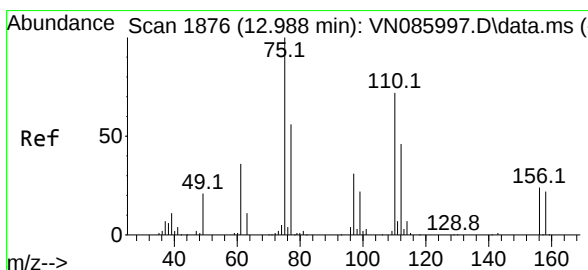
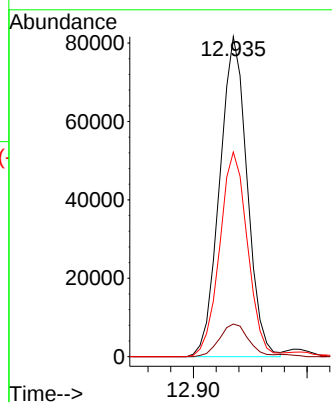
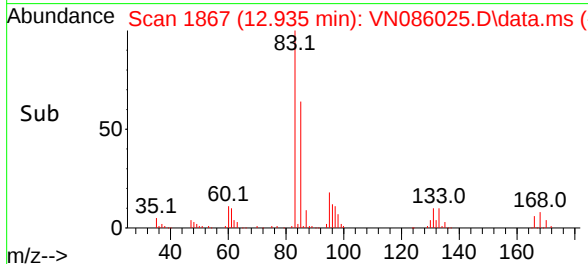
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 137380
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.5
85 64.8 32.6 97.8

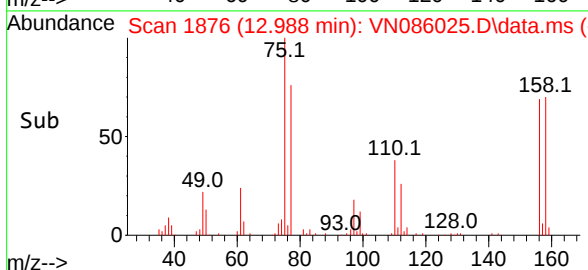
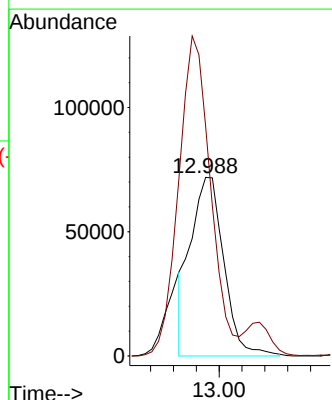
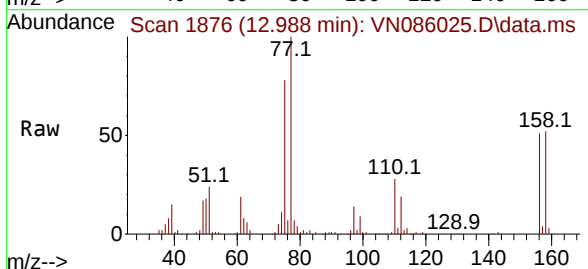
Manual Integrations
APPROVED

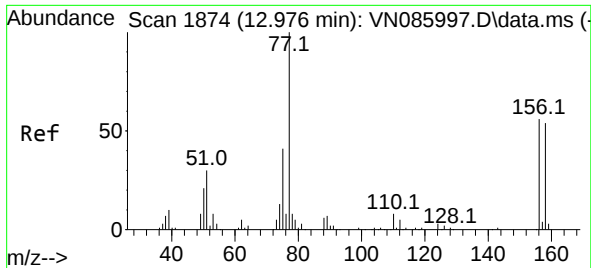
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#76
1,2,3-Trichloropropane
Concen: 48.918 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

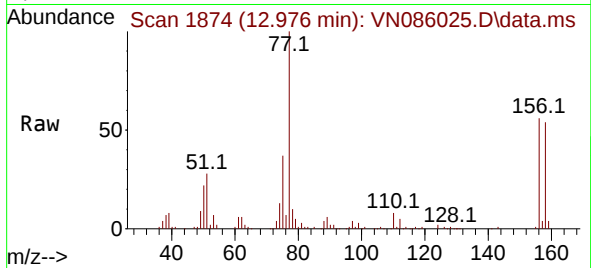
Tgt Ion: 75 Resp: 145365
Ion Ratio Lower Upper
75 100
77 171.9 83.7 251.0





#77
Bromobenzene
Concen: 47.822 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

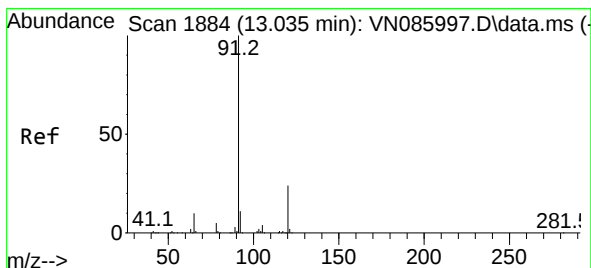
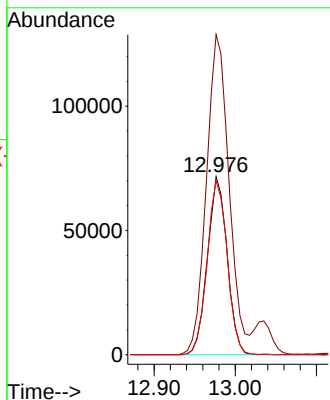
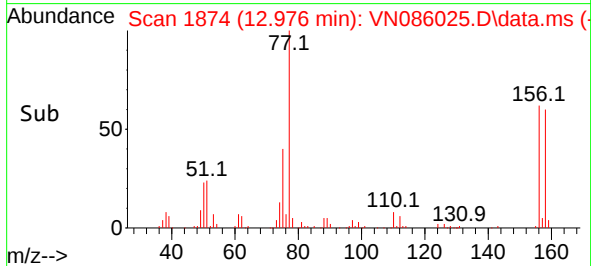
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



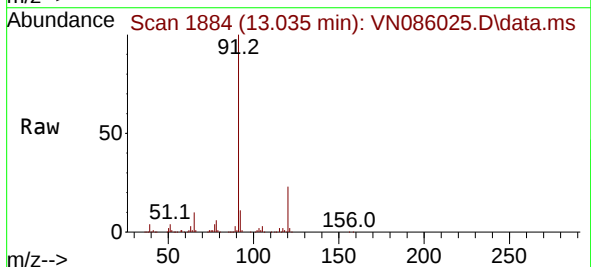
Tgt Ion:156 Resp: 120860
Ion Ratio Lower Upper
156 100
77 206.7 104.1 312.3
158 99.3 49.0 147.0

Manual Integrations
APPROVED

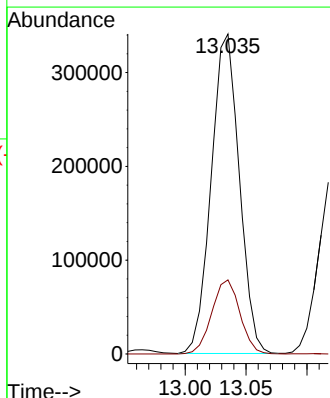
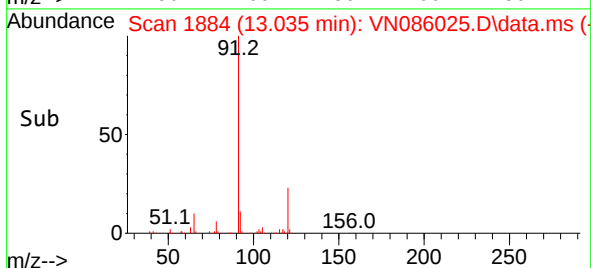
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

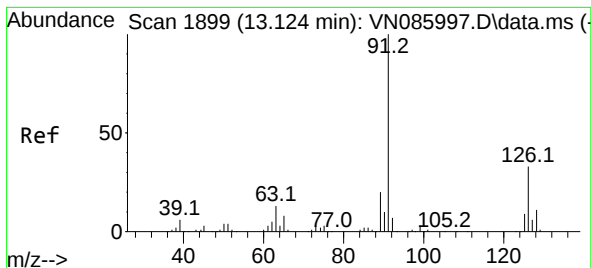


#78
n-propylbenzene
Concen: 53.351 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



Tgt Ion: 91 Resp: 547585
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.0





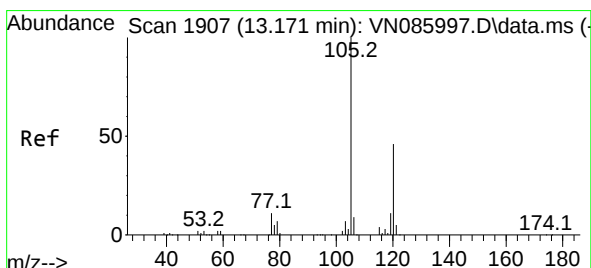
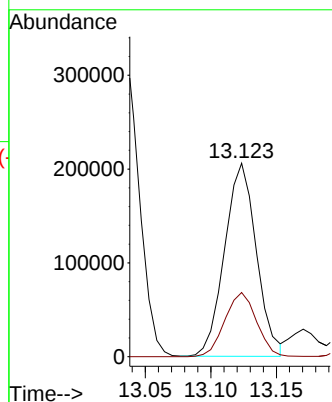
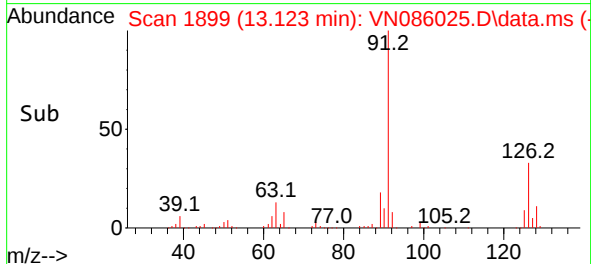
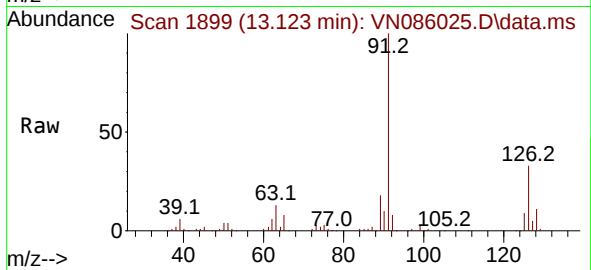
#79
2-Chlorotoluene
Concen: 50.948 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 347330
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2

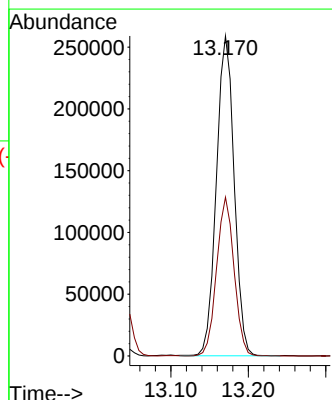
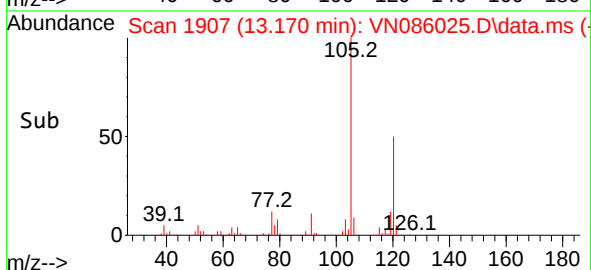
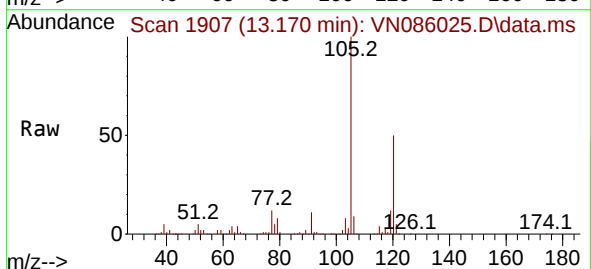
Manual Integrations
APPROVED

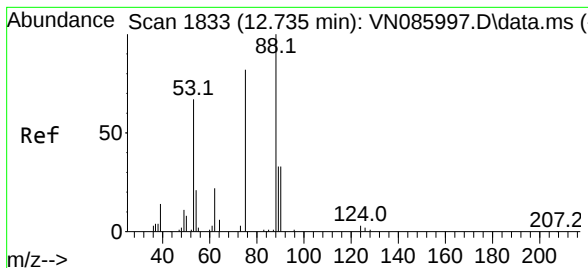
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.856 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

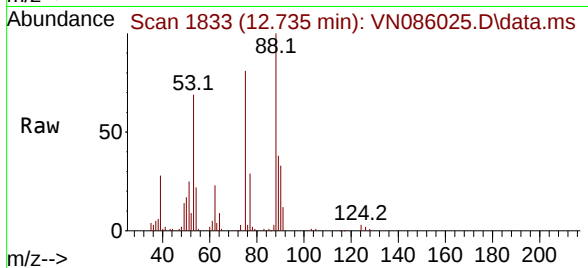
Tgt Ion:105 Resp: 412146
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 40.921 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

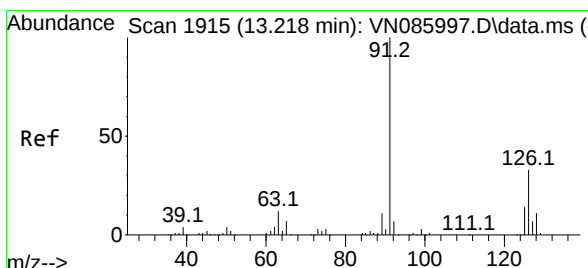
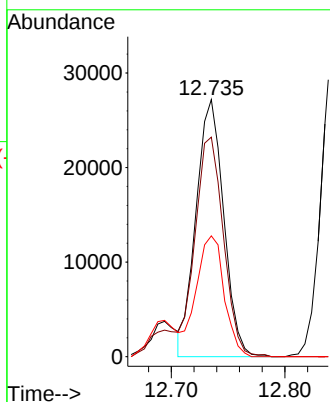
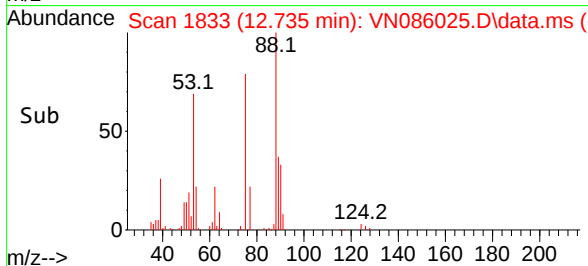
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



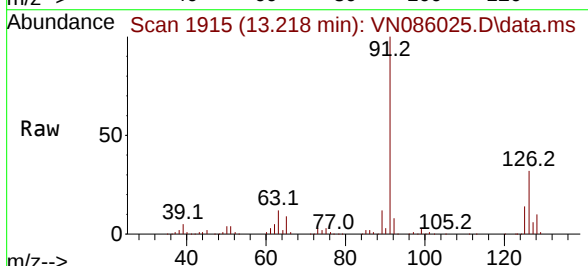
Tgt Ion: 75 Resp: 4599
Ion Ratio Lower Upper
75 100
53 98.2 66.0 99.0
89 48.1 36.9 55.3

Manual Integrations
APPROVED

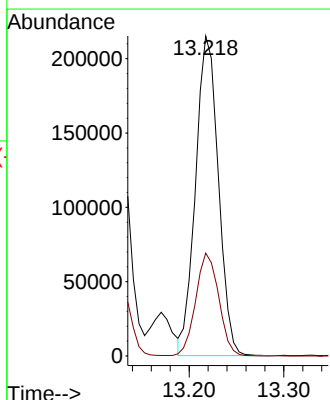
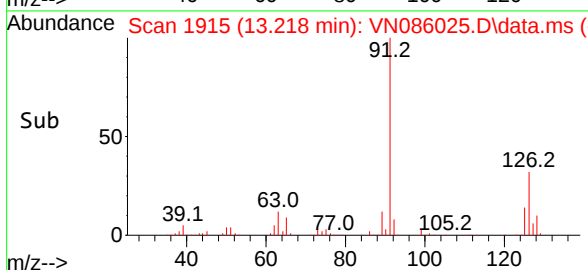
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

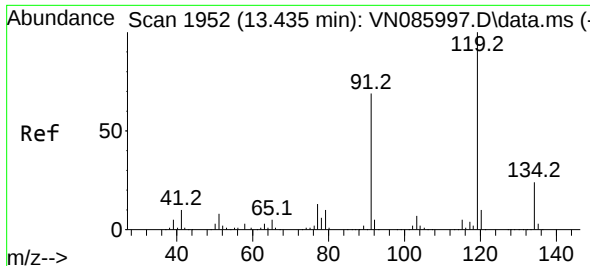


#82
4-Chlorotoluene
Concen: 51.414 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



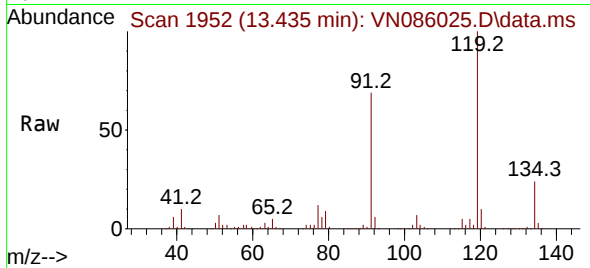
Tgt Ion: 91 Resp: 360446
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.2





#83
tert-Butylbenzene
Concen: 49.810 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

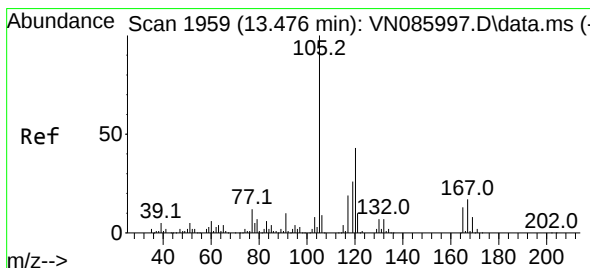
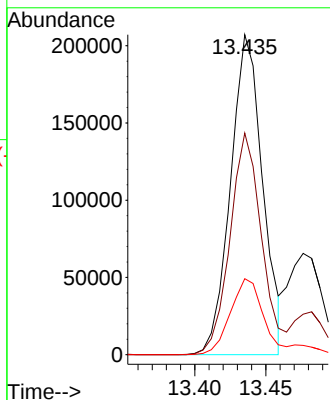
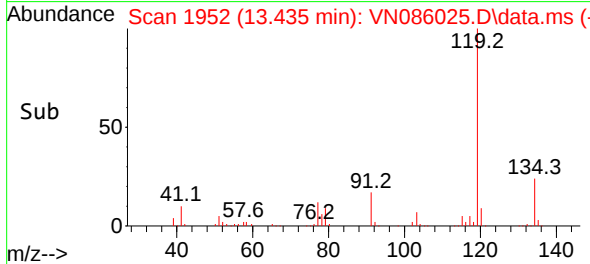
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



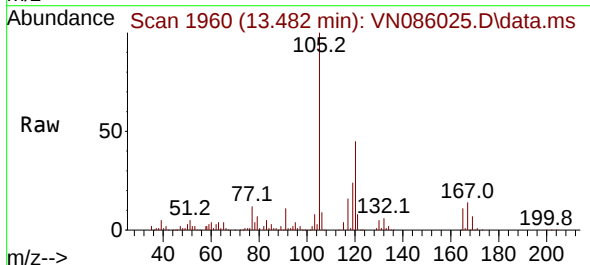
Tgt Ion:119 Resp: 32601
Ion Ratio Lower Upper
119 100
91 68.5 34.3 102.9
134 24.2 13.5 40.5

Manual Integrations
APPROVED

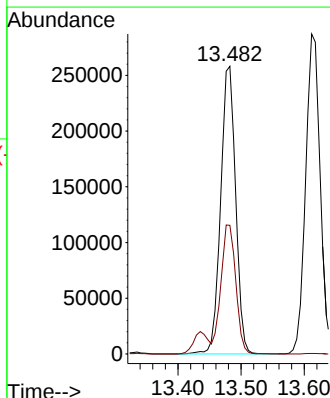
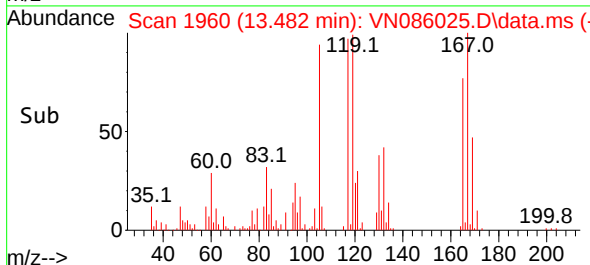
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025

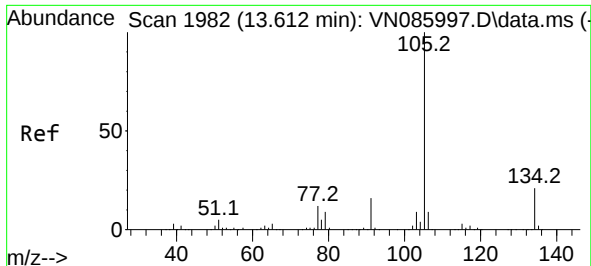


#84
1,2,4-Trimethylbenzene
Concen: 55.211 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13



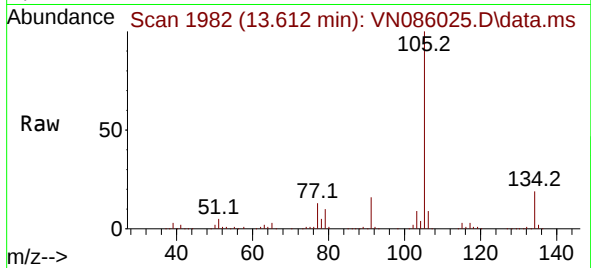
Tgt Ion:105 Resp: 426152
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 53.634 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086025.D
 Acq: 20 Mar 2025 15:13

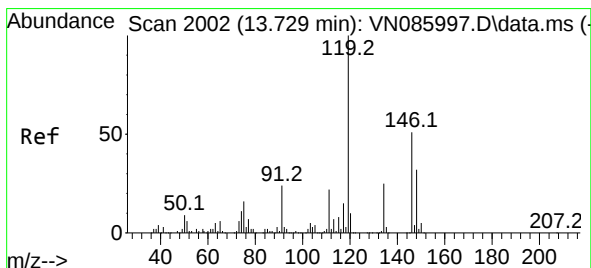
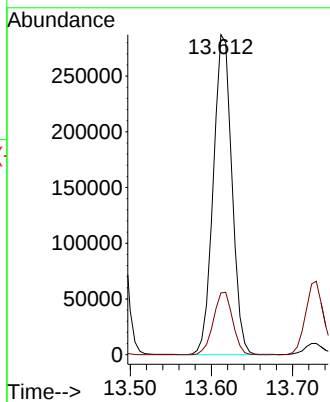
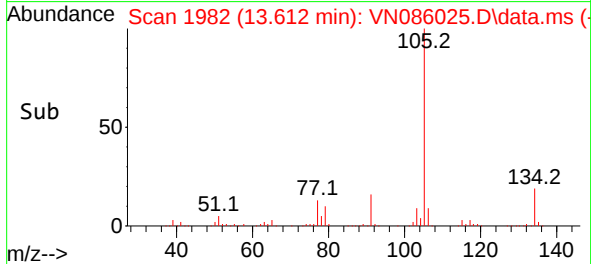
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



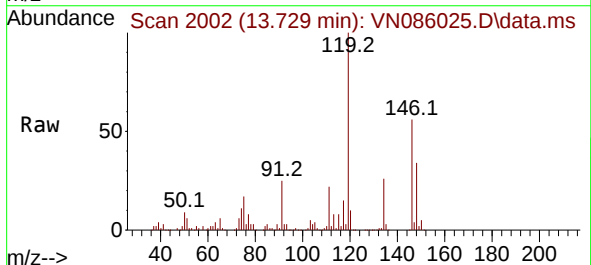
Tgt Ion:105 Resp: 45794
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

Manual Integrations
 APPROVED

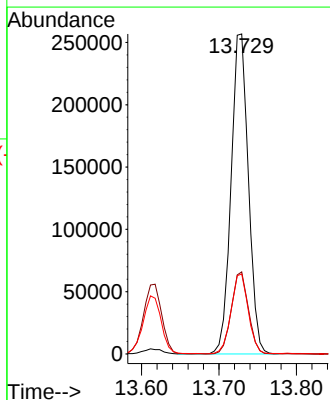
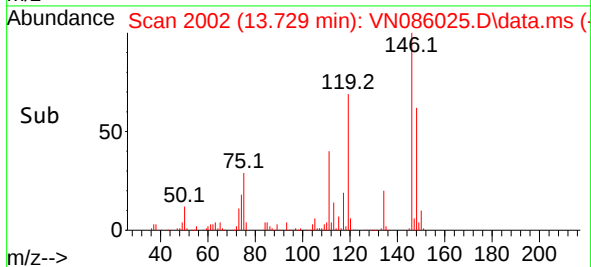
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

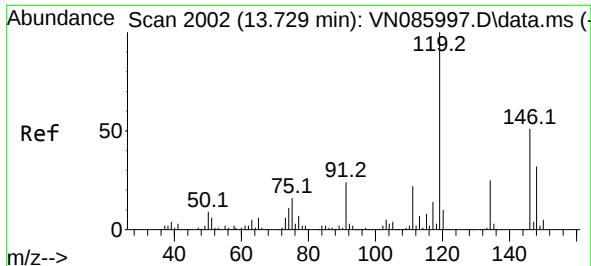


#86
 p-Isopropyltoluene
 Concen: 55.385 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086025.D
 Acq: 20 Mar 2025 15:13



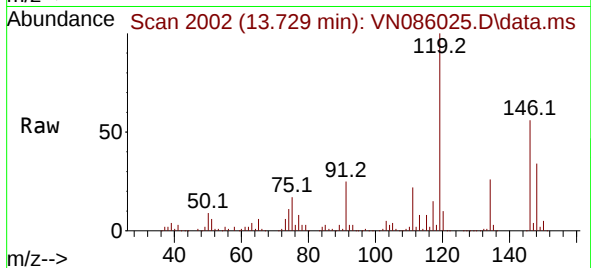
Tgt Ion:119 Resp: 400311
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 24.7 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 51.600 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086025.D
 Acq: 20 Mar 2025 15:13

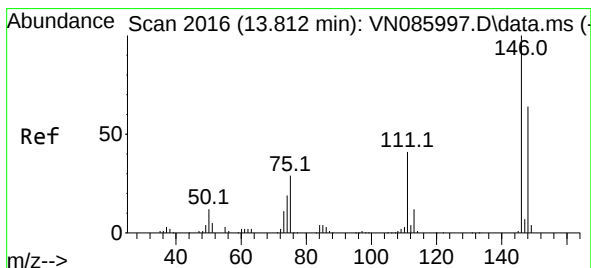
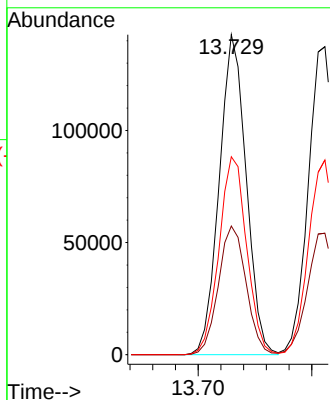
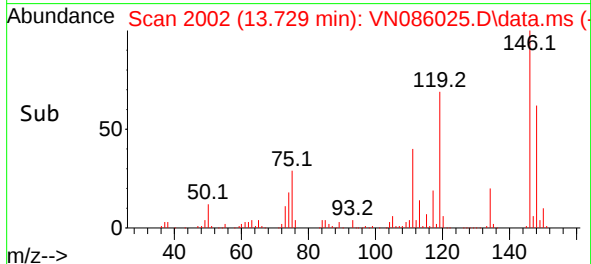
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



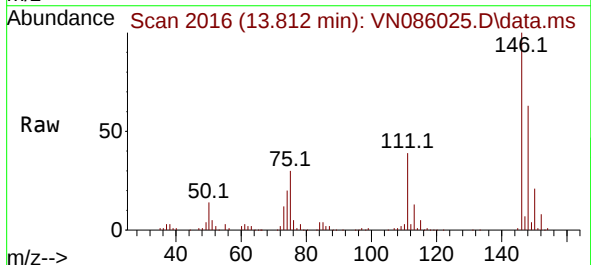
Tgt Ion:146 Resp: 235074
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.2 63.6
 148 63.5 31.8 95.4

Manual Integrations
 APPROVED

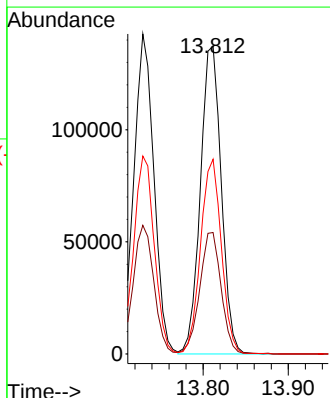
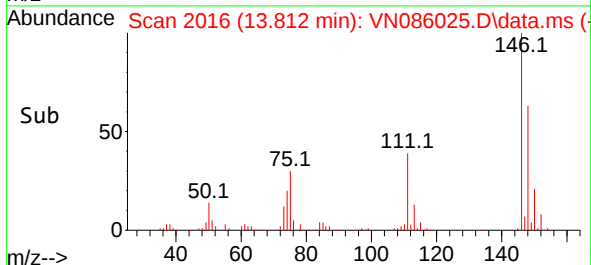
Reviewed By :John Carlone 03/21/2025
 Supervised By :Mahesh Dadoda 03/21/2025

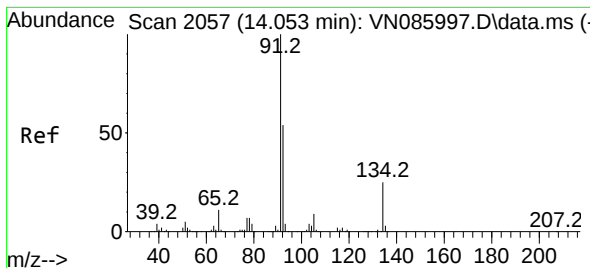


#88
 1,4-Dichlorobenzene
 Concen: 48.874 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086025.D
 Acq: 20 Mar 2025 15:13



Tgt Ion:146 Resp: 233938
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.3
 148 63.0 32.1 96.5





#89

n-Butylbenzene

Concen: 52.067 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086025.D

Acq: 20 Mar 2025 15:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

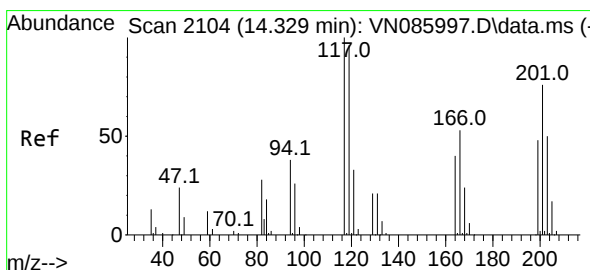
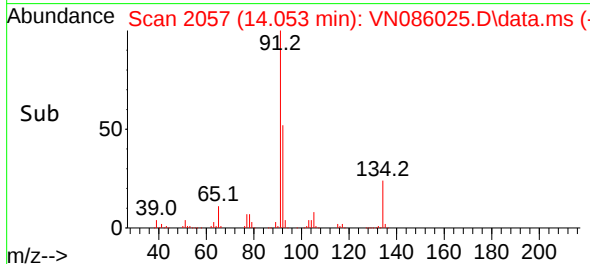
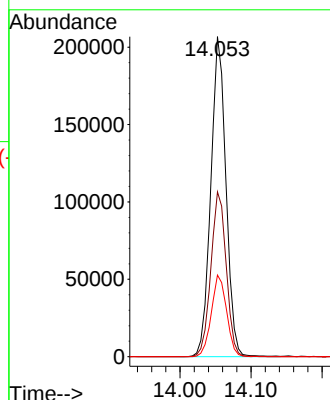
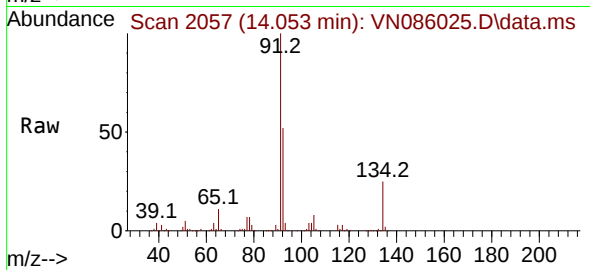
Tgt Ion:	91	Resp:	30645
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.9	80.6
134	25.7	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2025

Supervised By :Mahesh Dadoda 03/21/2025



#90

Hexachloroethane

Concen: 48.602 ug/l

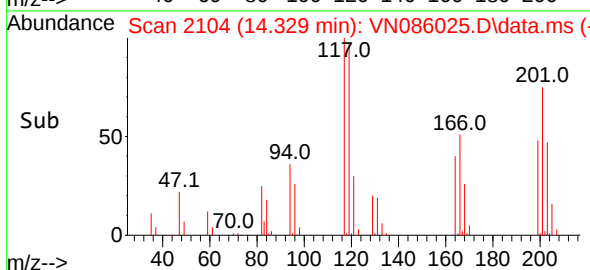
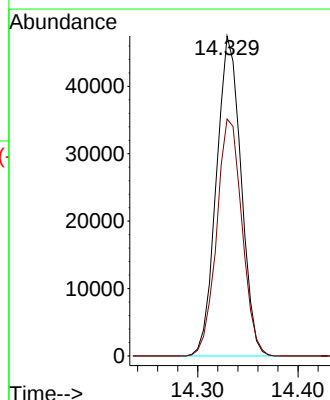
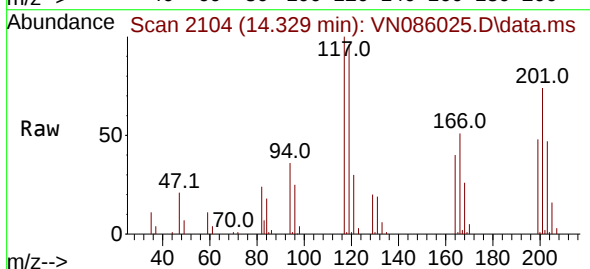
RT: 14.329 min Scan# 2104

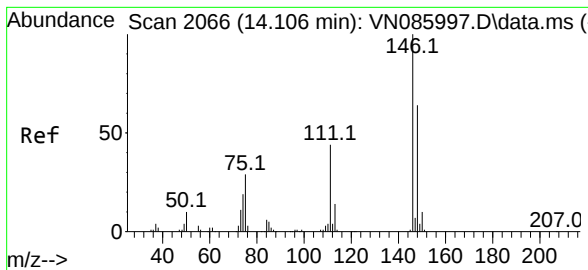
Delta R.T. -0.000 min

Lab File: VN086025.D

Acq: 20 Mar 2025 15:13

Tgt Ion:	117	Resp:	81056
Ion	Ratio	Lower	Upper
117	100		
201	76.1	39.1	117.3





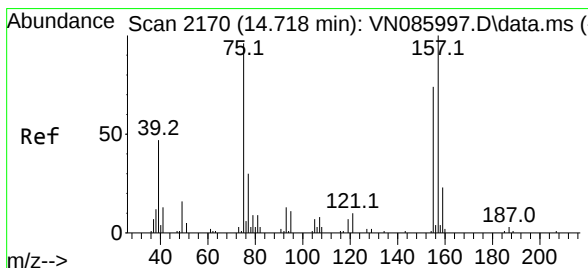
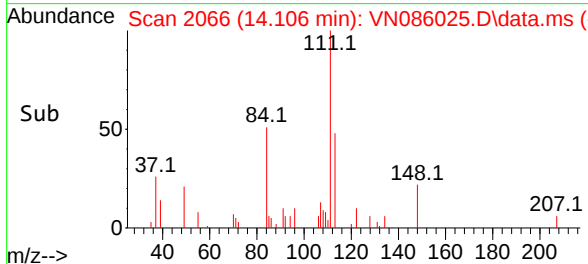
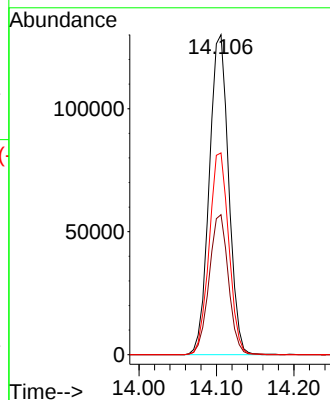
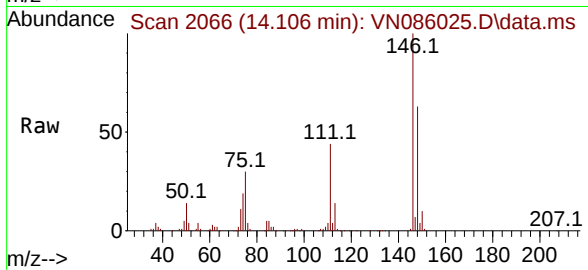
#91
1,2-Dichlorobenzene
Concen: 49.876 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 225879
Ion Ratio Lower Upper
146 100
111 43.6 22.3 66.8
148 63.9 32.1 96.5

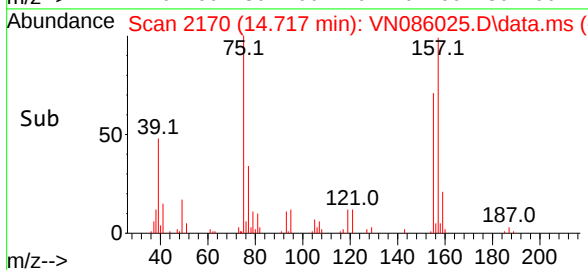
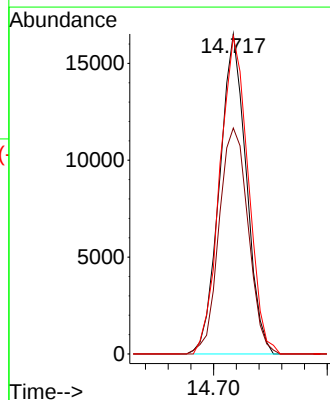
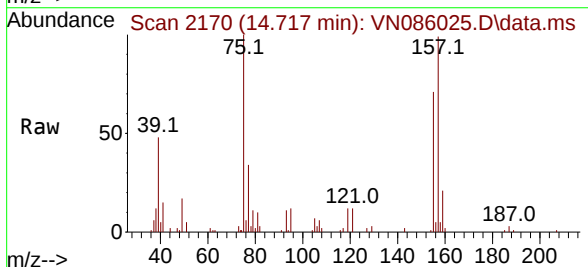
Manual Integrations
APPROVED

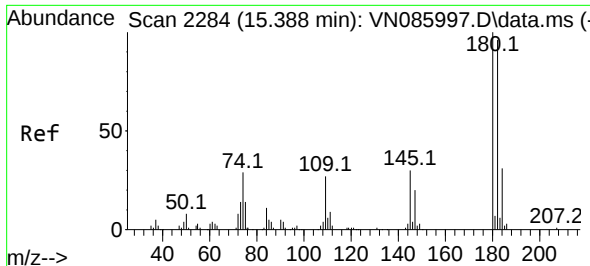
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.130 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

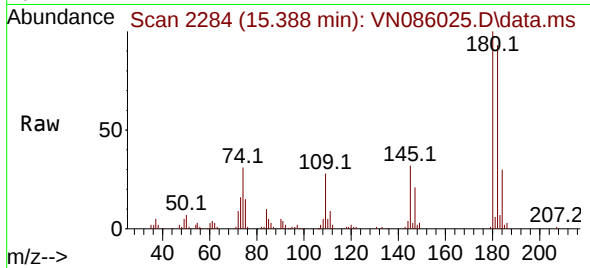
Tgt Ion: 75 Resp: 27013
Ion Ratio Lower Upper
75 100
155 76.8 41.0 123.0
157 105.2 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 45.713 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

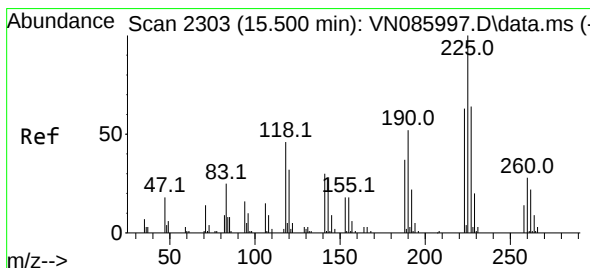
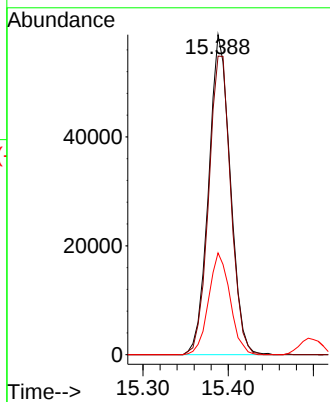
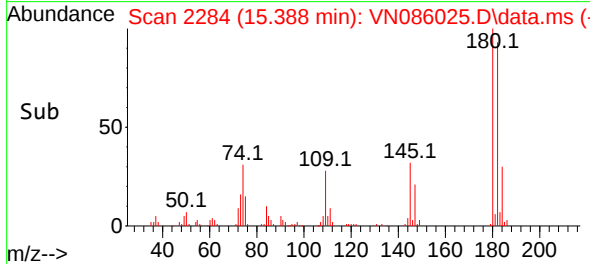
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 104090
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 31.4 15.5 46.5

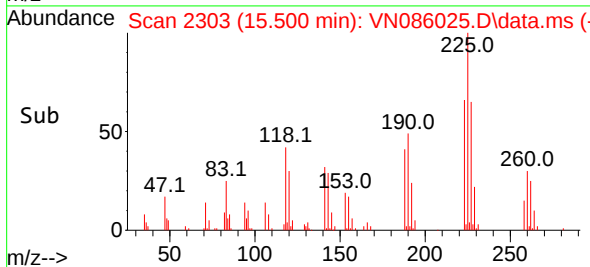
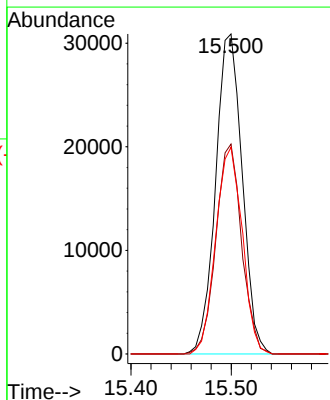
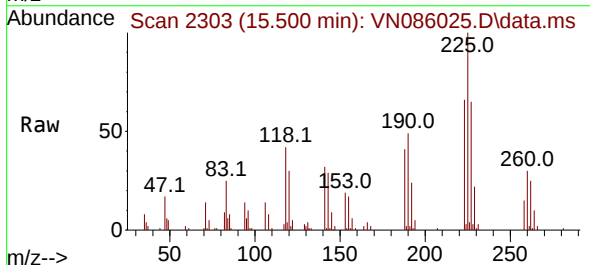
Manual Integrations
APPROVED

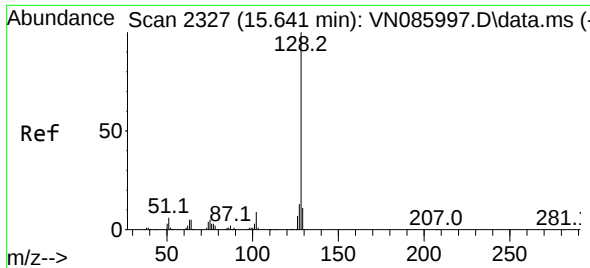
Reviewed By :John Carlone 03/21/2025
Supervised By :Mahesh Dadoda 03/21/2025



#94
Hexachlorobutadiene
Concen: 43.024 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

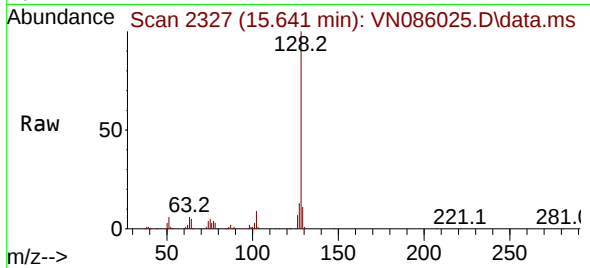
Tgt Ion:225 Resp: 56841
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.9
227 64.4 32.1 96.3





#95
Naphthalene
Concen: 44.122 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

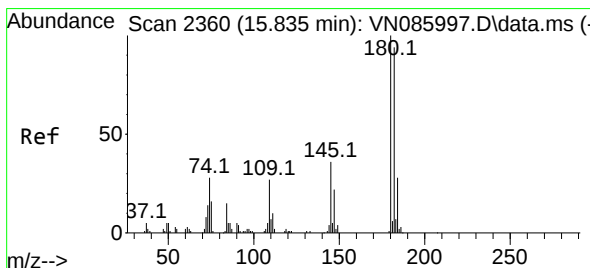
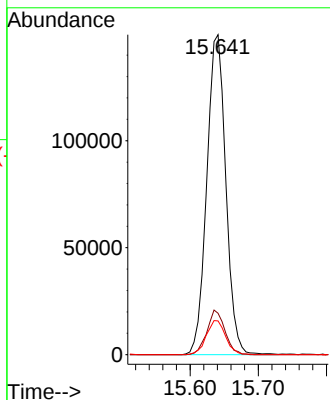
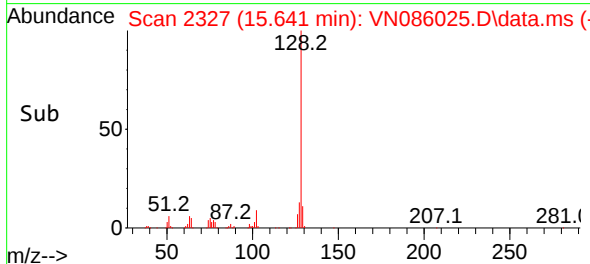
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 290937
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 10.8 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: 47.971 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086025.D
Acq: 20 Mar 2025 15:13

Tgt Ion:180 Resp: 103654
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 33.9 17.7 53.1

