

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032825\
 Data File : VN086166.D
 Acq On : 28 Mar 2025 21:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 28 23:41:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2025
 Supervised By : Mahesh Dadoda 03/31/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	210321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	346214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	318058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144102	50.035	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.080%			
35) Dibromofluoromethane	8.165	113	121452	50.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	10.565	98	454147	51.782	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.847	95	163231	52.188	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	122243	43.871	ug/l	98
3) Chloromethane	2.359	50	118433	48.483	ug/l	98
4) Vinyl Chloride	2.512	62	112930	45.214	ug/l	97
5) Bromomethane	2.948	94	66225	38.926	ug/l	100
6) Chloroethane	3.118	64	63977	40.603	ug/l	90
7) Trichlorofluoromethane	3.495	101	205293	45.724	ug/l	100
8) Diethyl Ether	3.959	74	76454	55.623	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	120047	50.307	ug/l	97
10) Methyl Iodide	4.583	142	163244	52.502	ug/l	98
11) Tert butyl alcohol	5.518	59	92992	228.057	ug/l	100
12) 1,1-Dichloroethene	4.336	96	114328	53.059	ug/l	97
13) Acrolein	4.177	56	91822	211.130	ug/l	99
14) Allyl chloride	5.024	41	142688	53.081	ug/l	97
15) Acrylonitrile	5.718	53	293060	272.136	ug/l	99
16) Acetone	4.424	43	214194	243.438	ug/l	98
17) Carbon Disulfide	4.712	76	311422	43.947	ug/l	100
18) Methyl Acetate	5.024	43	131325	60.325	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	383754	54.350	ug/l	98
20) Methylene Chloride	5.277	84	135468	52.630	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	120012	50.965	ug/l	98
22) Diisopropyl ether	6.671	45	345577	60.327	ug/l	97
23) Vinyl Acetate	6.600	43	1221019	281.179	ug/l	98
24) 1,1-Dichloroethane	6.565	63	227813	54.082	ug/l	98
25) 2-Butanone	7.477	43	334165	263.205	ug/l	93
26) 2,2-Dichloropropane	7.488	77	173095	42.682	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	144497	53.999	ug/l	99
28) Bromochloromethane	7.812	49	92492	51.825	ug/l	95
29) Tetrahydrofuran	7.836	42	222796	284.249	ug/l	96
30) Chloroform	7.965	83	240863	51.731	ug/l	99
31) Cyclohexane	8.253	56	180993	50.437	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	220735	50.083	ug/l	99
36) 1,1-Dichloropropene	8.371	75	162469	51.059	ug/l	100
37) Ethyl Acetate	7.559	43	133256	49.640	ug/l	99
38) Carbon Tetrachloride	8.359	117	201902	48.258	ug/l	98
39) Methylcyclohexane	9.600	83	158641	50.251	ug/l	95
40) Benzene	8.606	78	526888	52.747	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	71913	56.102	ug/l	97
42) 1,2-Dichloroethane	8.665	62	167466	48.114	ug/l	97
43) Isopropyl Acetate	8.683	43	238567	41.012	ug/l	97
44) Trichloroethene	9.347	130	124823	48.215	ug/l	98
45) 1,2-Dichloropropane	9.618	63	127012	55.905	ug/l	99
46) Dibromomethane	9.706	93	90461	50.629	ug/l	100
47) Bromodichloromethane	9.888	83	194310	52.036	ug/l	97
48) Methyl methacrylate	9.677	41	108500	56.523	ug/l	96
49) 1,4-Dioxane	9.688	88	49659	1094.348	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	716542	279.305	ug/l	99
52) Toluene	10.629	92	339293	55.343	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	190340	52.486	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	202406	52.900	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	126840	54.206	ug/l	98
56) Ethyl methacrylate	10.871	69	191873	52.120	ug/l	98
57) 1,3-Dichloropropane	11.159	76	213808	53.797	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	425270	293.672	ug/l	97
59) 2-Hexanone	11.194	43	522901	279.789	ug/l	97
60) Dibromochloromethane	11.359	129	157495	52.160	ug/l	99
61) 1,2-Dibromoethane	11.465	107	124531	51.840	ug/l	98
64) Tetrachloroethene	11.100	164	121299	47.809	ug/l	97
65) Chlorobenzene	11.888	112	365826	50.264	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	135401	50.047	ug/l	98
67) Ethyl Benzene	11.959	91	622062	53.432	ug/l	100
68) m/p-Xylenes	12.071	106	497171	108.650	ug/l	99
69) o-Xylene	12.394	106	237972	56.663	ug/l	97
70) Styrene	12.406	104	406282	56.637	ug/l	98
71) Bromoform	12.576	173	108020	47.761	ug/l #	99
73) Isopropylbenzene	12.694	105	584723	52.045	ug/l	99
74) N-amyl acetate	12.494	43	203109	54.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	179170	47.139	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	166177m	45.116	ug/l	
77) Bromobenzene	12.976	156	151277	48.289	ug/l	99
78) n-propylbenzene	13.035	91	684572	53.810	ug/l	99
79) 2-Chlorotoluene	13.123	91	433706	51.326	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	506789	53.428	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	61105	43.860	ug/l	97
82) 4-Chlorotoluene	13.218	91	444967	51.207	ug/l	99
83) tert-Butylbenzene	13.435	119	413288	50.944	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	512402	53.558	ug/l	99
85) sec-Butylbenzene	13.612	105	576561	54.479	ug/l	99
86) p-Isopropyltoluene	13.729	119	483106	53.926	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	279358	49.472	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	276384	46.585	ug/l	100
89) n-Butylbenzene	14.053	91	381961	52.357	ug/l	99
90) Hexachloroethane	14.329	117	96912	46.882	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	271654	48.393	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	34252	45.144	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	132728	47.024	ug/l	99
94) Hexachlorobutadiene	15.494	225	66925	40.869	ug/l	99
95) Naphthalene	15.635	128	396774	48.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	132370	49.424	ug/l	99

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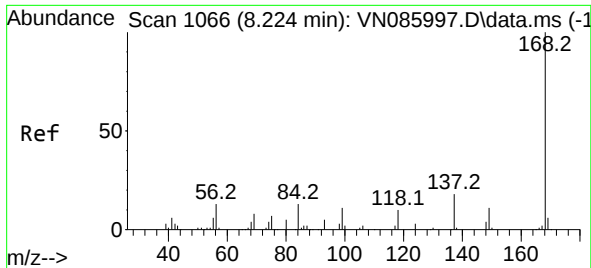
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/31/2025

Quant Time: Mar 28 23:41:37 2025
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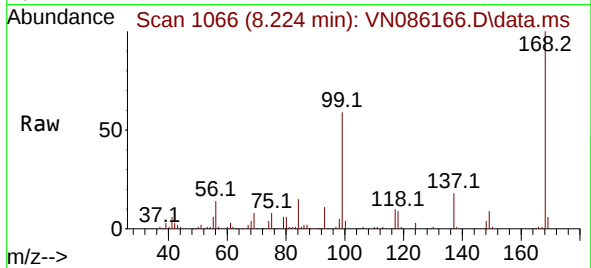
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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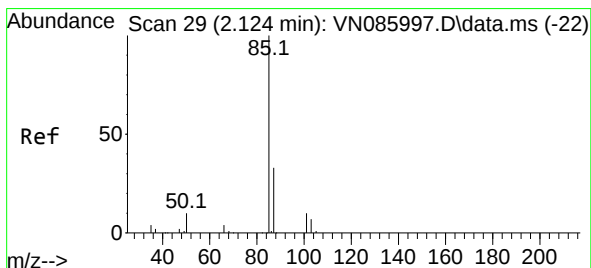
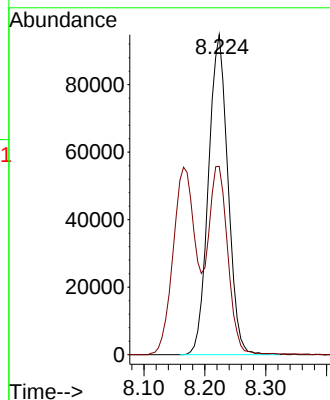
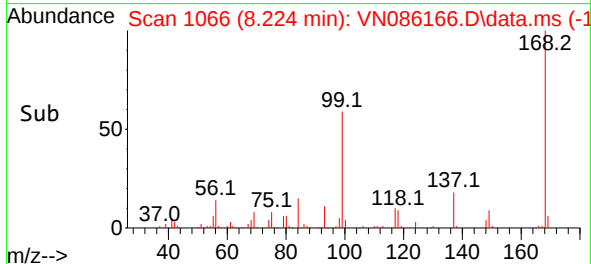
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 21032
Ion Ratio Lower Upper
168 100
99 58.6 49.4 74.2

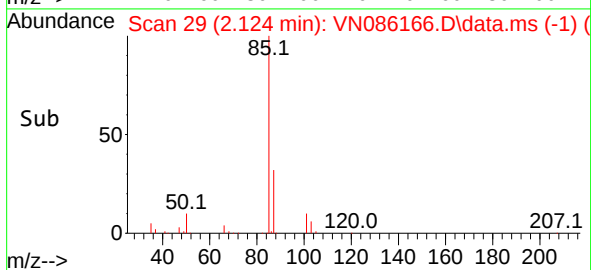
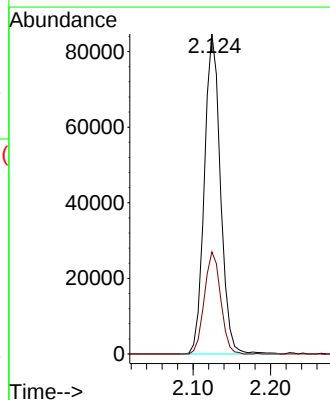
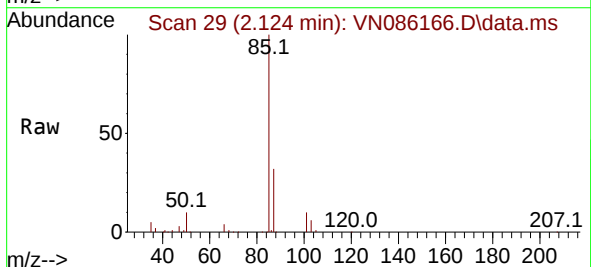
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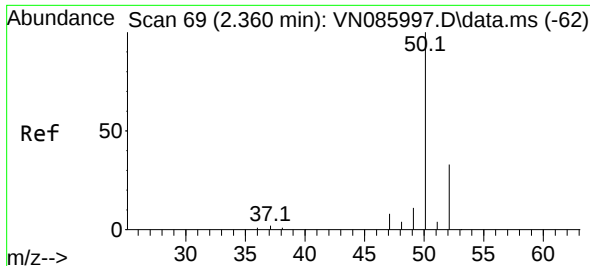
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#2
Dichlorodifluoromethane
Concen: 43.871 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 85 Resp: 122243
Ion Ratio Lower Upper
85 100
87 31.9 16.5 49.5





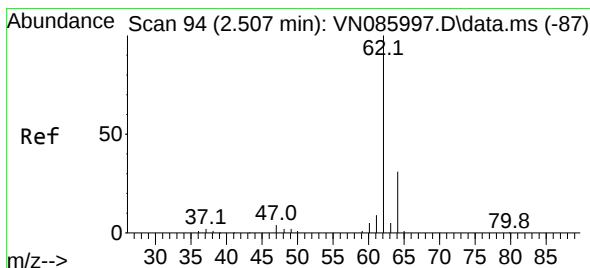
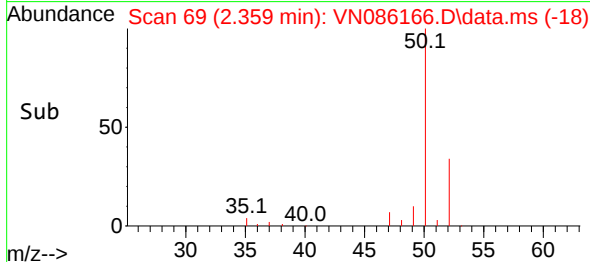
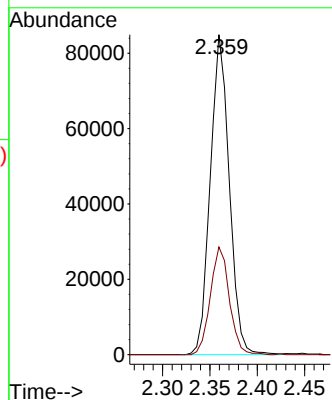
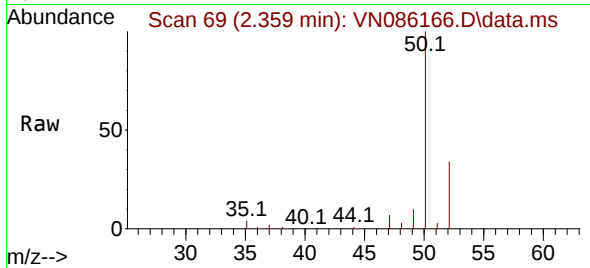
#3
Chloromethane
Concen: 48.483 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086166.D
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Tgt Ion: 50 Resp: 11843
Ion Ratio Lower Upper
50 100
52 33.7 26.0 39.0

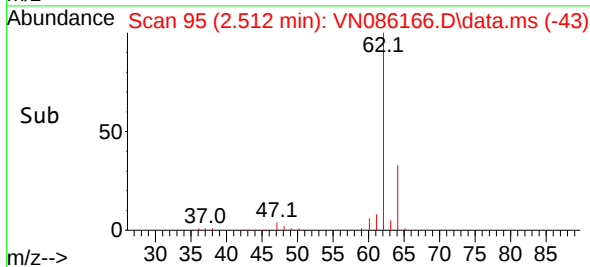
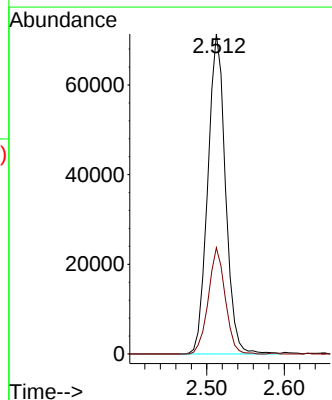
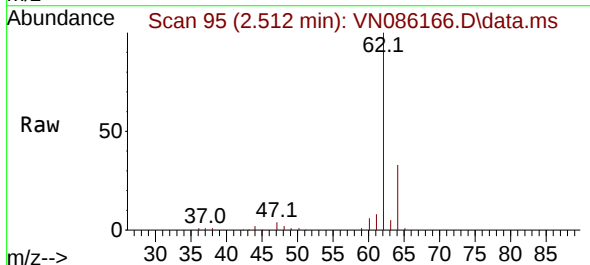
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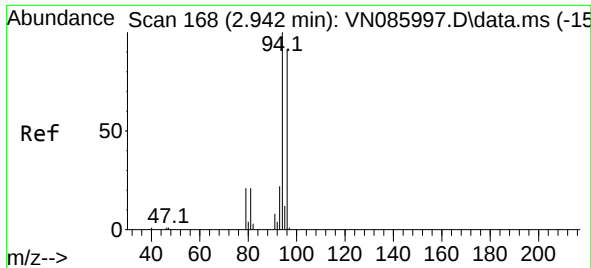
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#4
Vinyl Chloride
Concen: 45.214 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 62 Resp: 112930
Ion Ratio Lower Upper
62 100
64 33.2 25.2 37.8





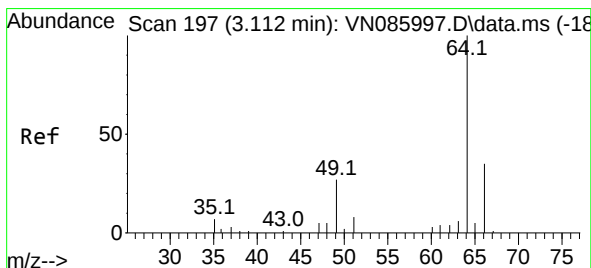
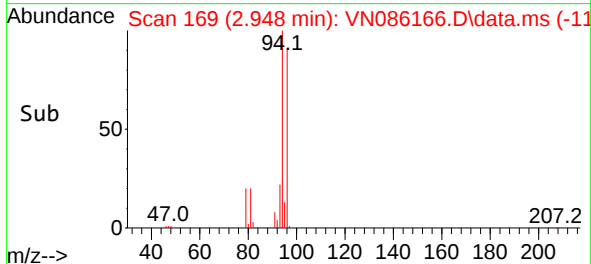
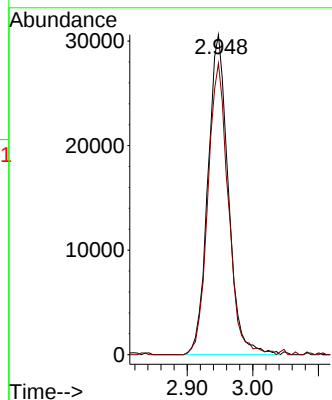
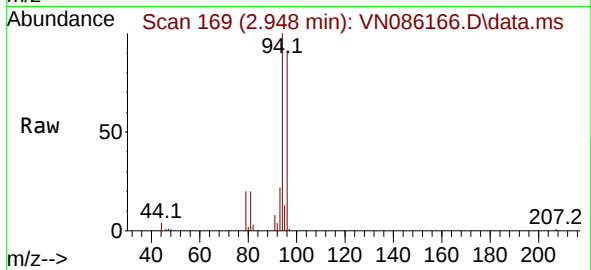
#5
Bromomethane
Concen: 38.926 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
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Tgt Ion: 94 Resp: 66225
Ion Ratio Lower Upper
94 100
96 91.1 72.8 109.2

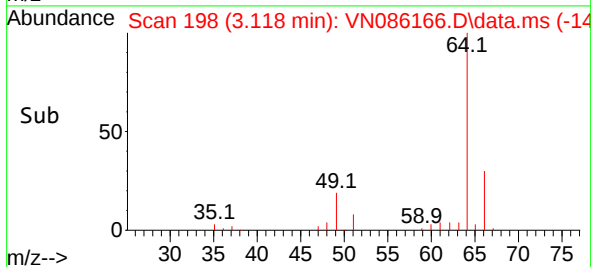
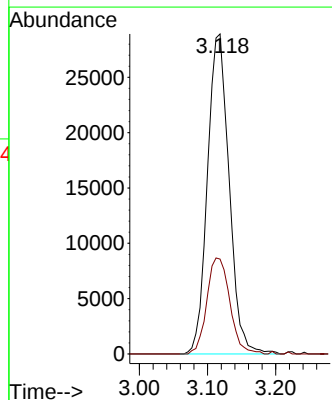
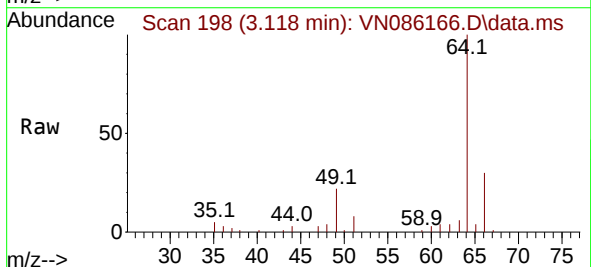
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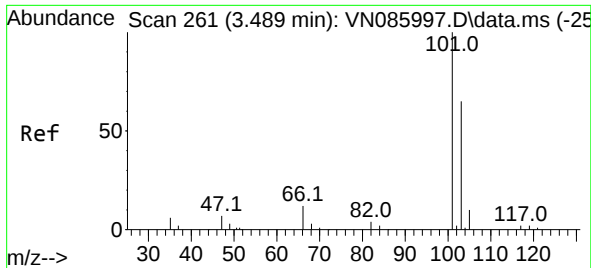
Reviewed By :John Carlone 03/31/2025
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#6
Chloroethane
Concen: 40.603 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 64 Resp: 63977
Ion Ratio Lower Upper
64 100
66 29.6 28.3 42.5





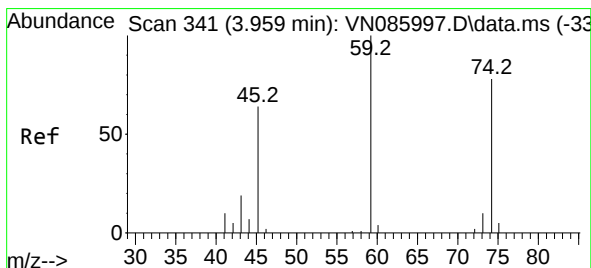
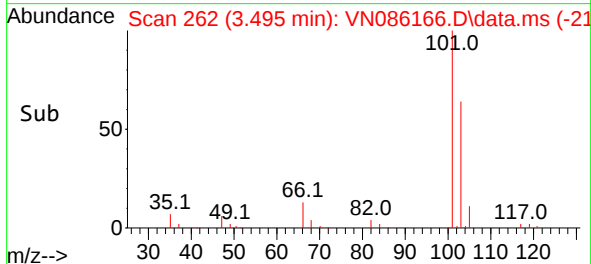
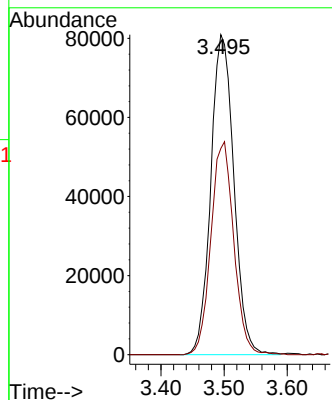
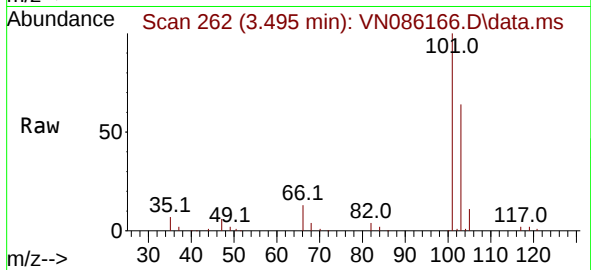
#7
Trichlorofluoromethane
Concen: 45.724 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 20529
Ion Ratio Lower Upper
101 100
103 64.5 51.7 77.5

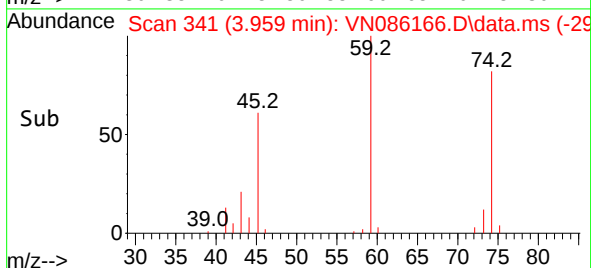
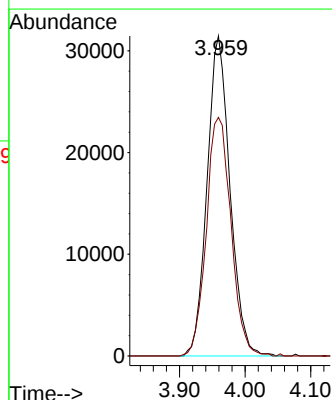
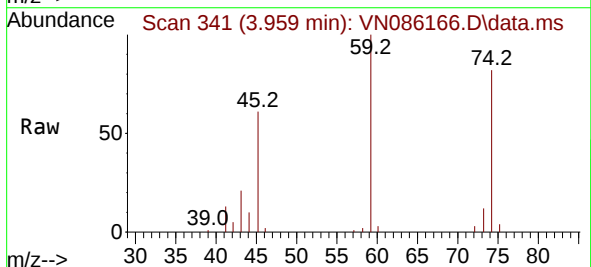
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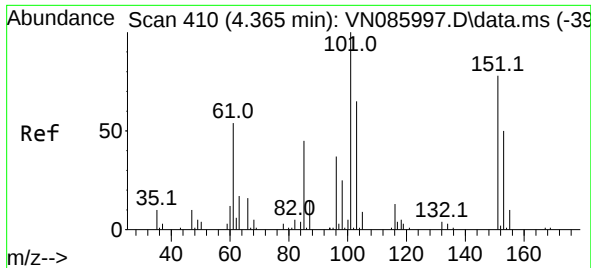
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#8
Diethyl Ether
Concen: 55.623 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 74 Resp: 76454
Ion Ratio Lower Upper
74 100
45 80.2 38.0 113.9





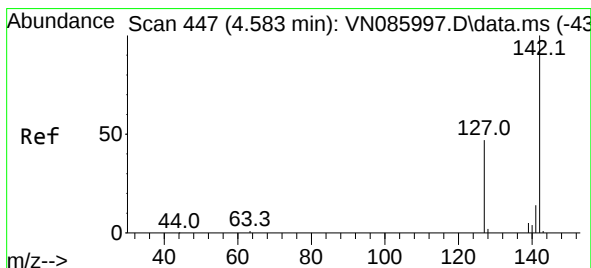
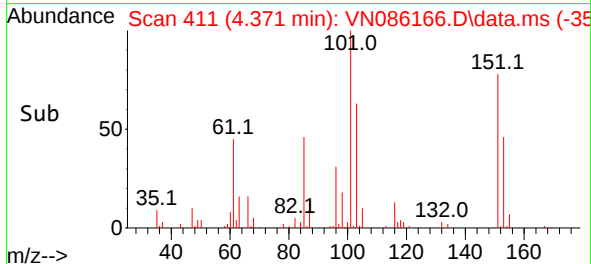
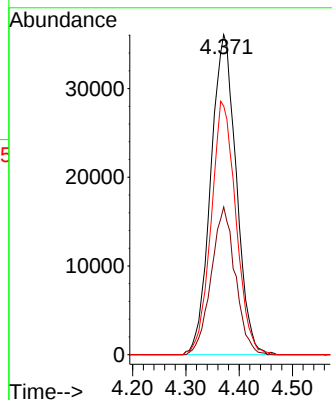
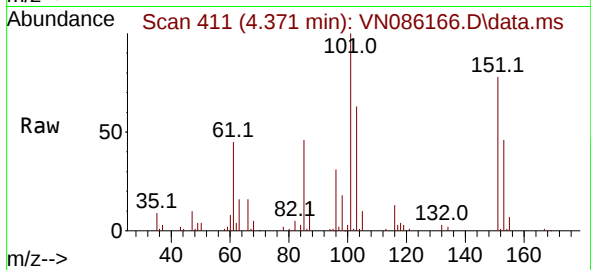
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.307 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12004
Ion Ratio Lower Upper
101 100
85 43.6 36.5 54.7
151 76.9 63.4 95.0

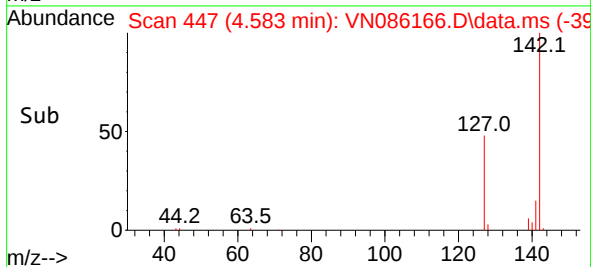
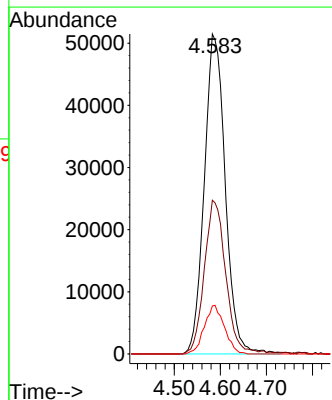
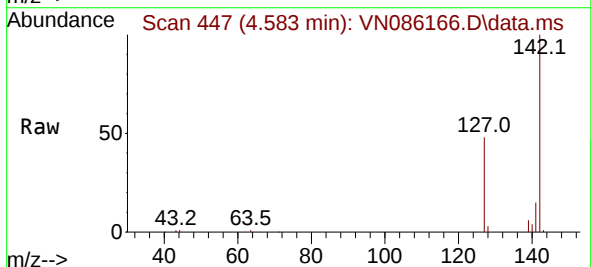
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#10
Methyl Iodide
Concen: 52.502 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

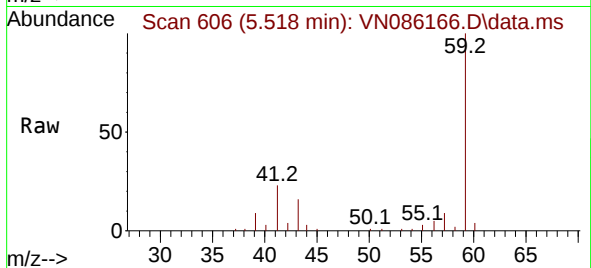
Tgt Ion:142 Resp: 163244
Ion Ratio Lower Upper
142 100
127 48.1 37.5 56.3
141 15.0 11.0 16.6





#11
Tert butyl alcohol
Concen: 228.057 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

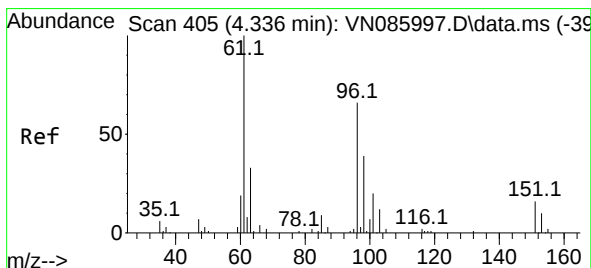
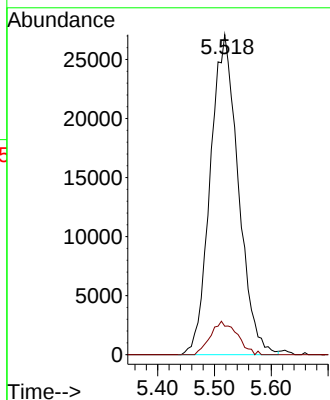
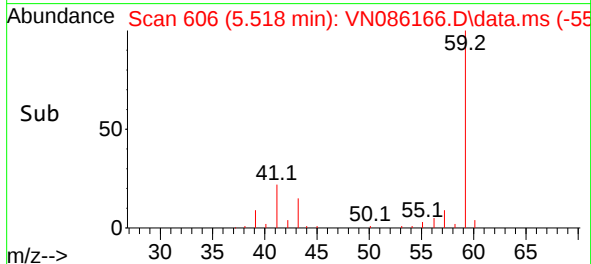
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



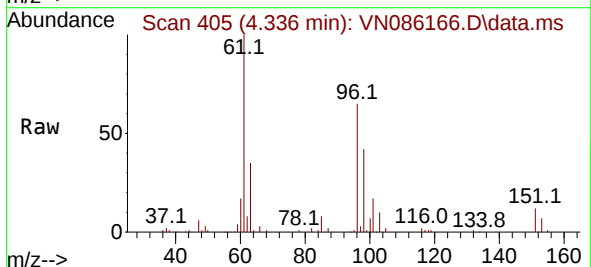
Tgt Ion: 59 Resp: 92992
Ion Ratio Lower Upper
59 100
57 9.9 7.9 11.9

Manual Integrations
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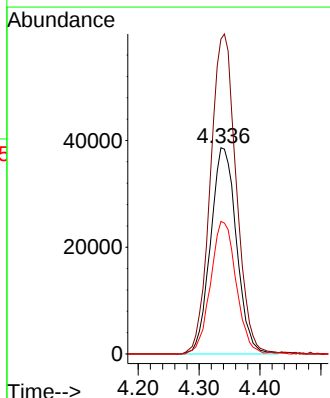
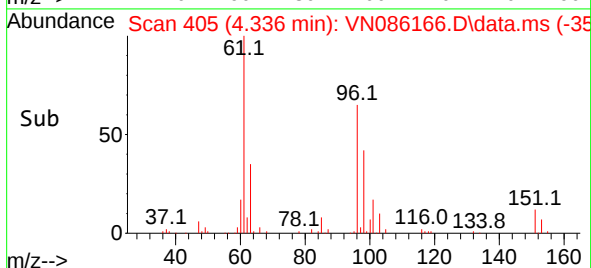
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

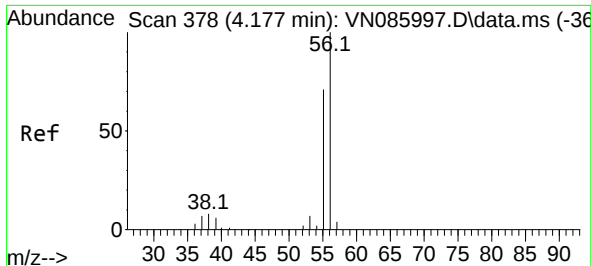


#12
1,1-Dichloroethene
Concen: 53.059 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



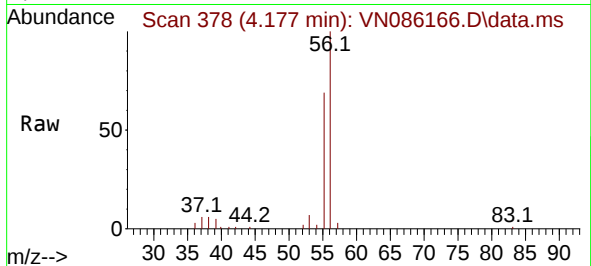
Tgt Ion: 96 Resp: 114328
Ion Ratio Lower Upper
96 100
61 152.7 120.5 180.7
98 64.2 47.4 71.0





#13
Acrolein
Concen: 211.130 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

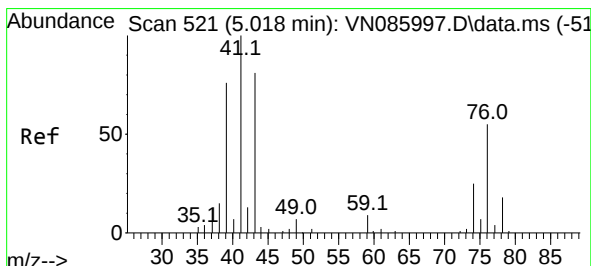
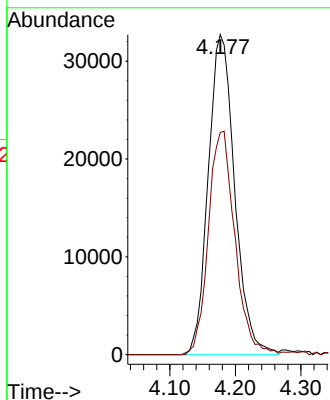
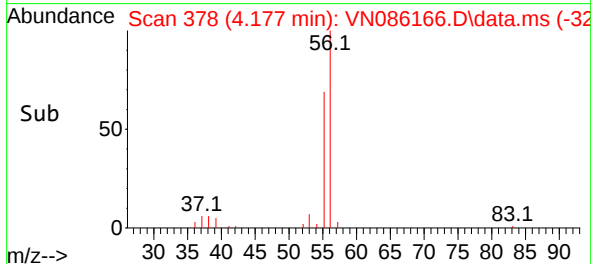
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



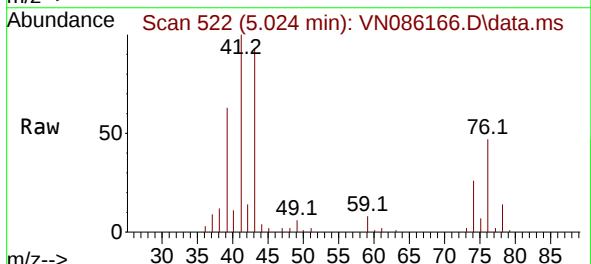
Tgt Ion: 56 Resp: 9182
Ion Ratio Lower Upper
56 100
55 69.9 55.1 82.7

Manual Integrations
APPROVED

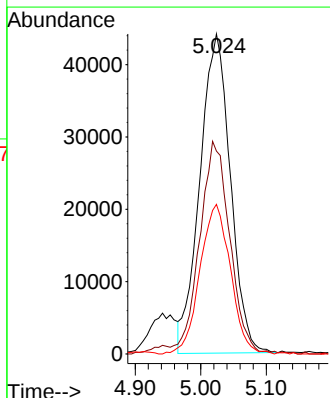
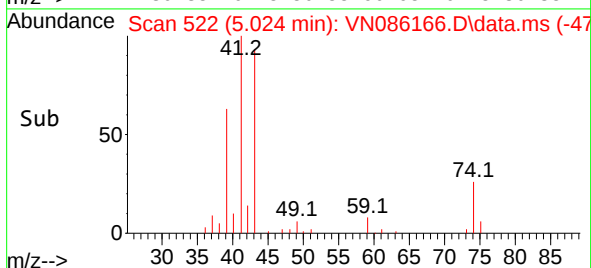
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#14
Allyl chloride
Concen: 53.081 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



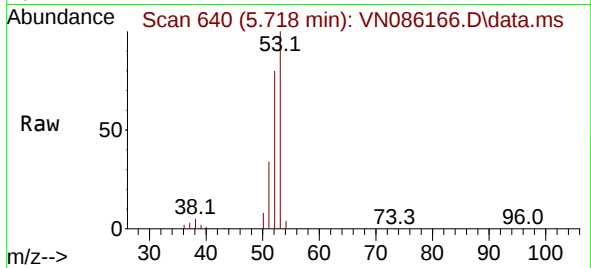
Tgt Ion: 41 Resp: 142688
Ion Ratio Lower Upper
41 100
39 66.3 55.5 83.3
76 47.0 39.1 58.7





#15
Acrylonitrile
Concen: 272.136 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

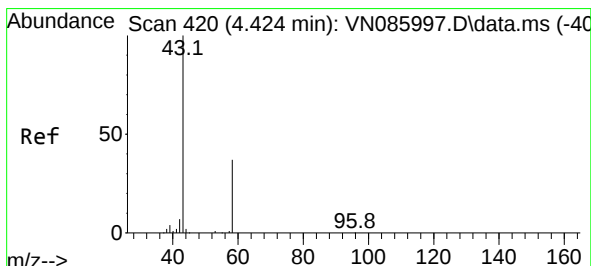
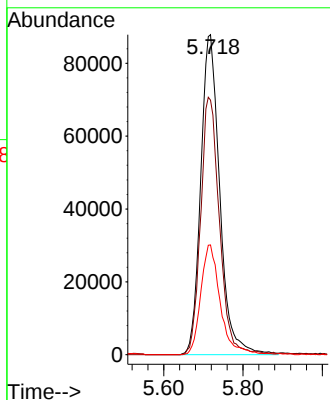
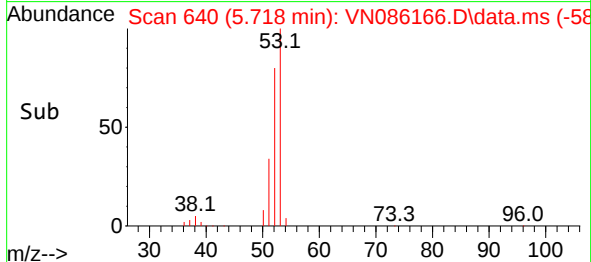
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 293060
Ion Ratio Lower Upper
53 100
52 79.3 63.9 95.9
51 35.1 27.1 40.7

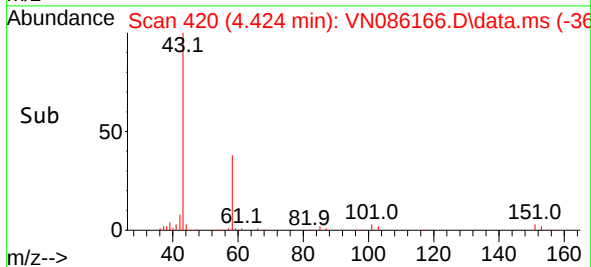
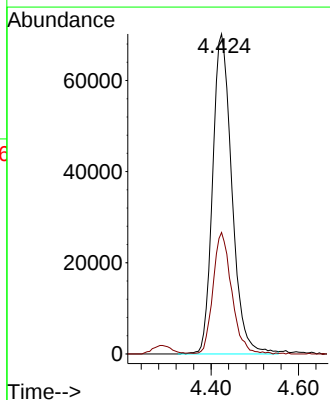
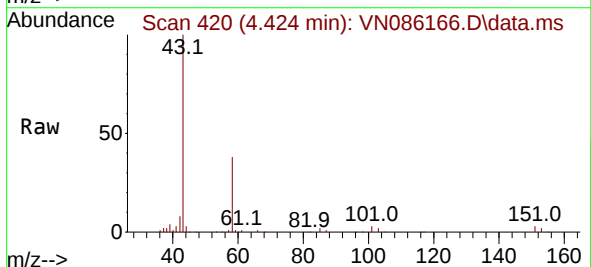
Manual Integrations
APPROVED

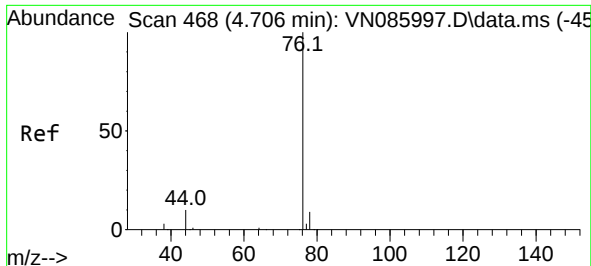
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#16
Acetone
Concen: 243.438 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

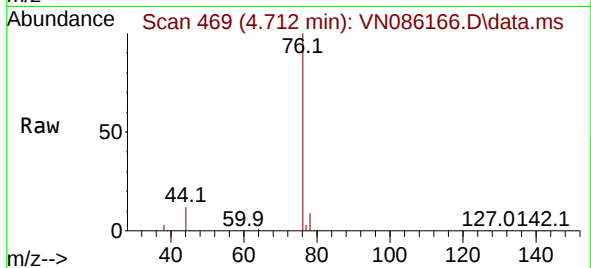
Tgt Ion: 43 Resp: 214194
Ion Ratio Lower Upper
43 100
58 37.7 29.4 44.2





#17
Carbon Disulfide
Concen: 43.947 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

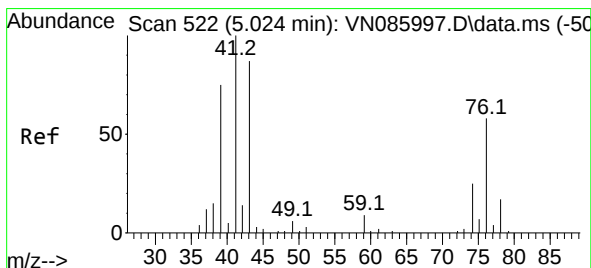
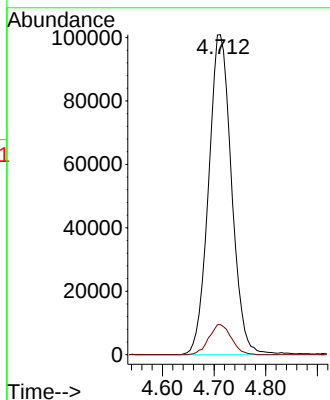
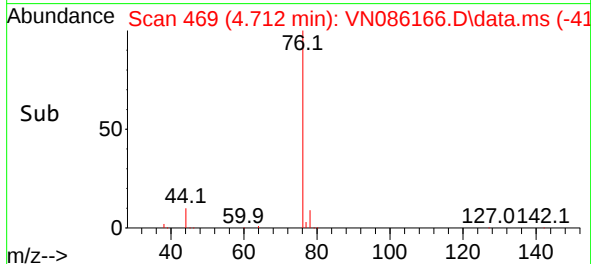
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 31142
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

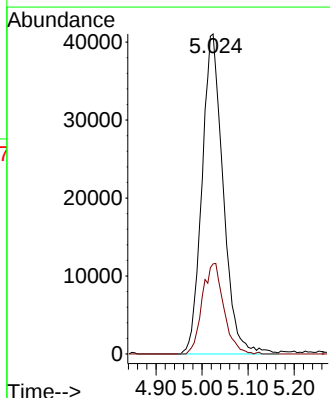
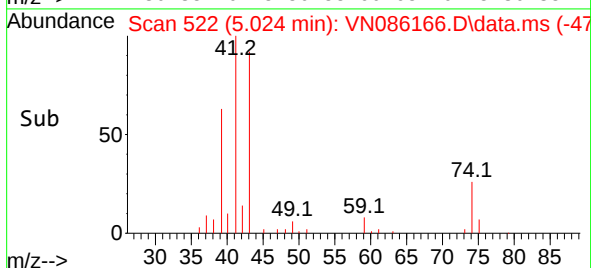
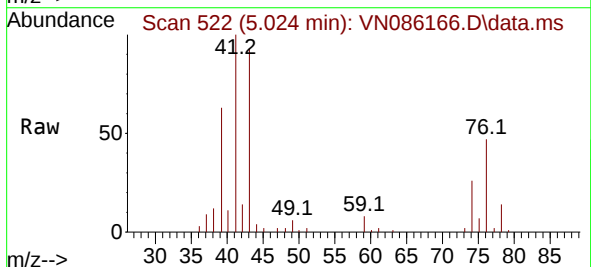
Manual Integrations
APPROVED

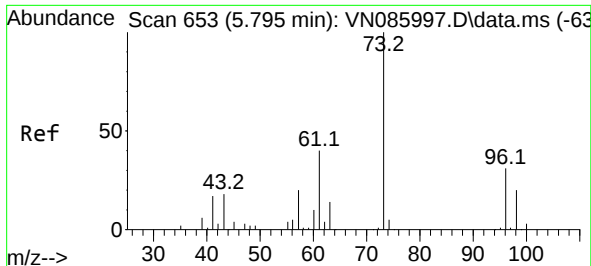
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#18
Methyl Acetate
Concen: 60.325 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

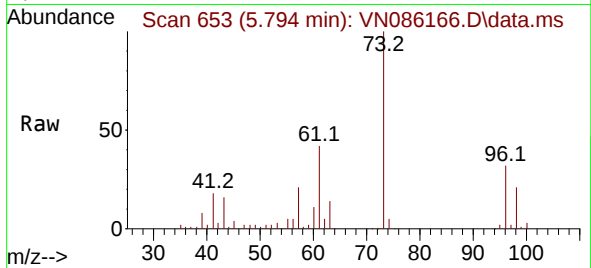
Tgt Ion: 43 Resp: 131325
Ion Ratio Lower Upper
43 100
74 28.6 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 54.350 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

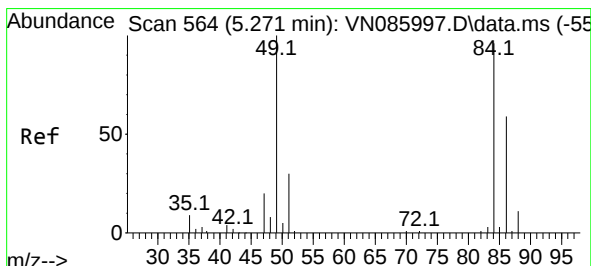
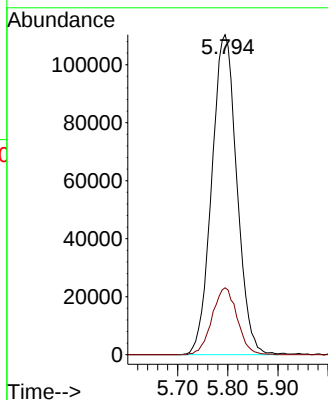
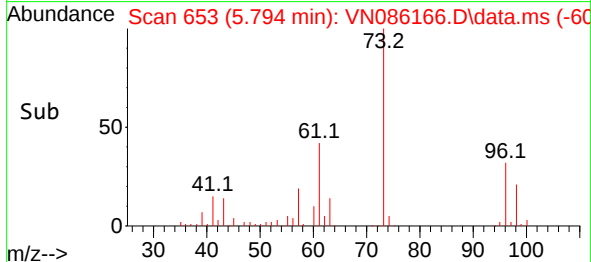
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



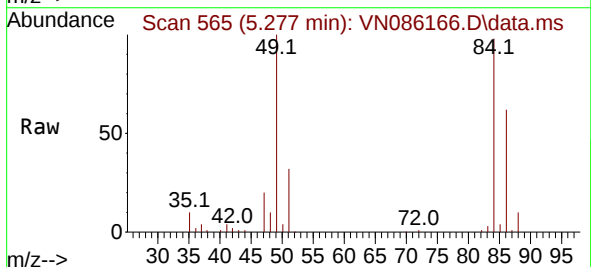
Tgt Ion: 73 Resp: 383754
Ion Ratio Lower Upper
73 100
57 20.9 16.1 24.1

Manual Integrations
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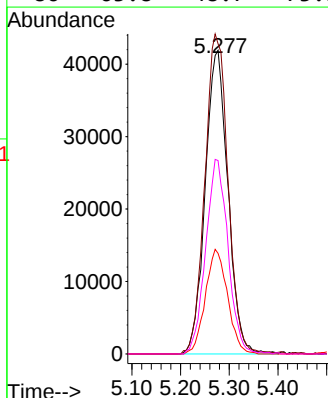
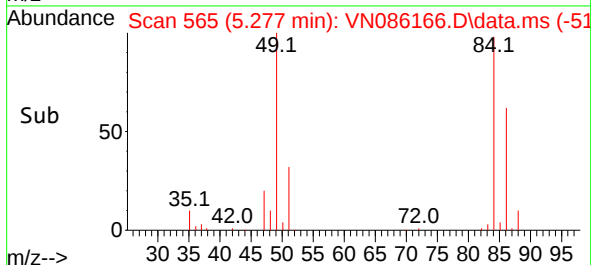
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#20
Methylene Chloride
Concen: 52.630 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



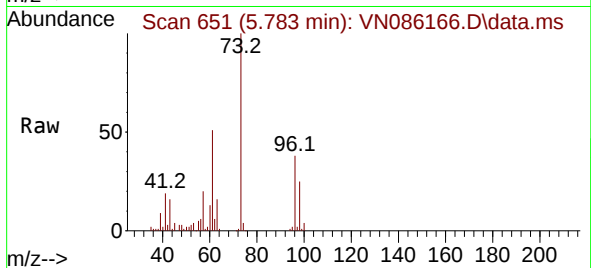
Tgt Ion: 84 Resp: 135468
Ion Ratio Lower Upper
84 100
49 102.3 83.3 124.9
51 33.2 24.8 37.2
86 63.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 50.965 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

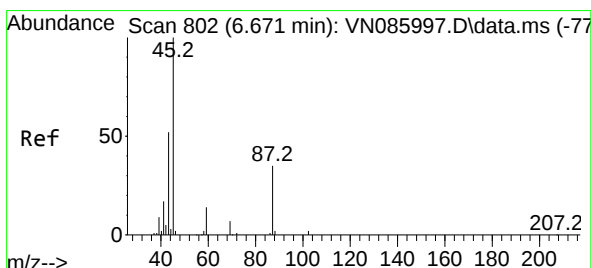
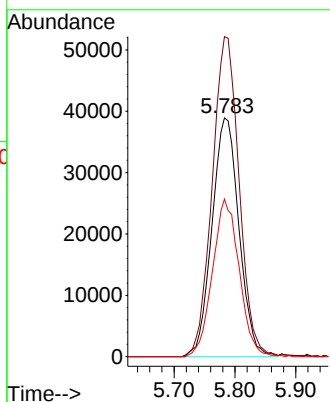
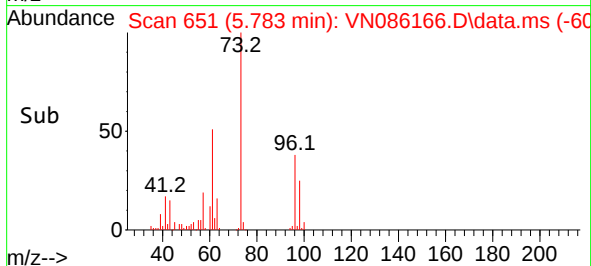
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 120012
Ion Ratio Lower Upper
96 100
61 134.1 106.6 160.0
98 66.0 50.0 75.0

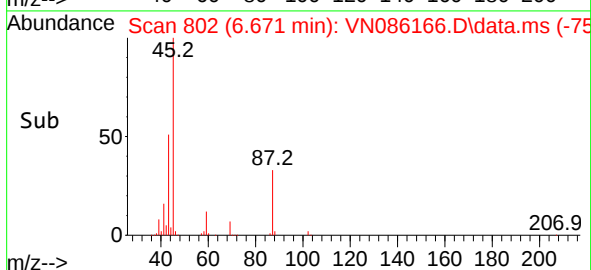
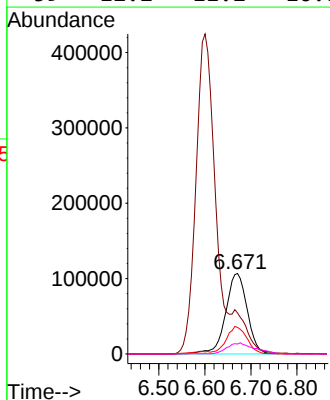
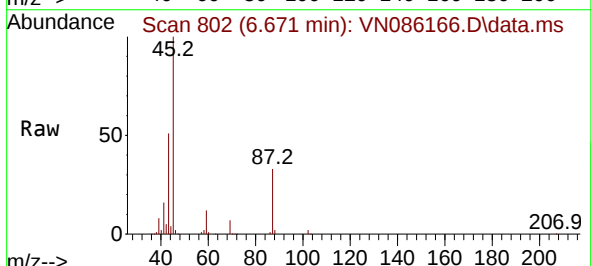
Manual Integrations
APPROVED

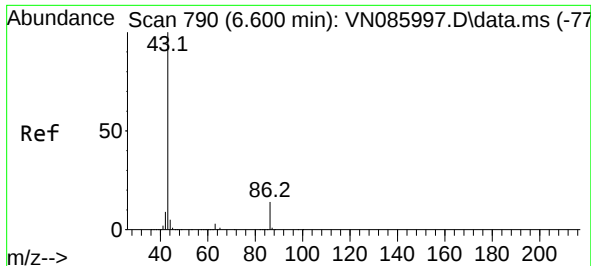
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#22
Diisopropyl ether
Concen: 60.327 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

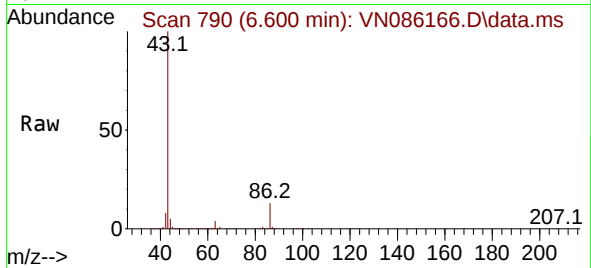
Tgt Ion: 45 Resp: 345577
Ion Ratio Lower Upper
45 100
43 49.6 41.2 61.8
87 33.1 28.5 42.7
59 12.2 11.2 16.8





#23
 Vinyl Acetate
 Concen: 281.179 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086166.D
 Acq: 28 Mar 2025 21:30

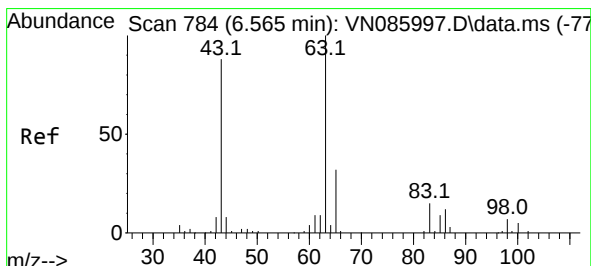
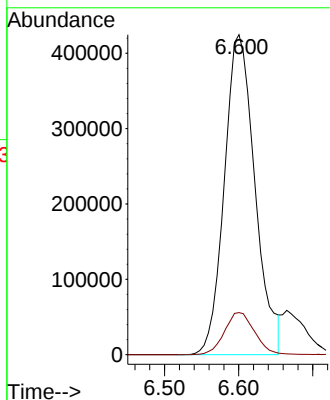
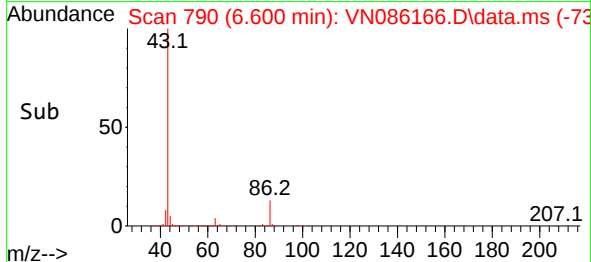
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



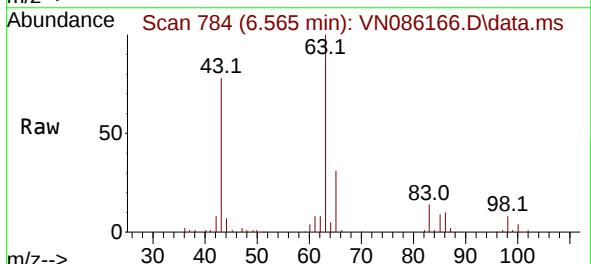
Tgt Ion: 43 Resp: 1221019
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8

Manual Integrations
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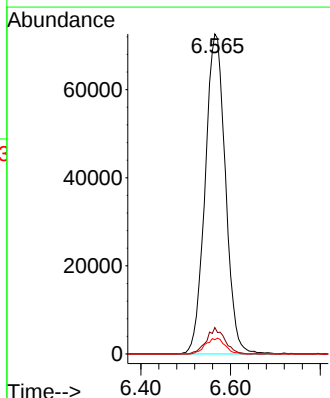
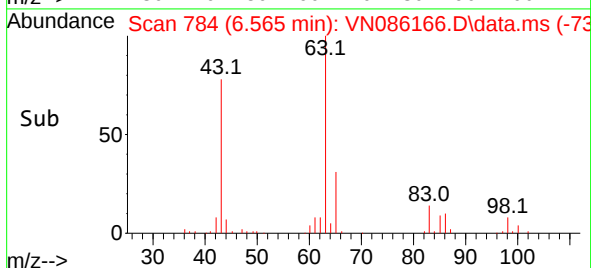
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#24
 1,1-Dichloroethane
 Concen: 54.082 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086166.D
 Acq: 28 Mar 2025 21:30



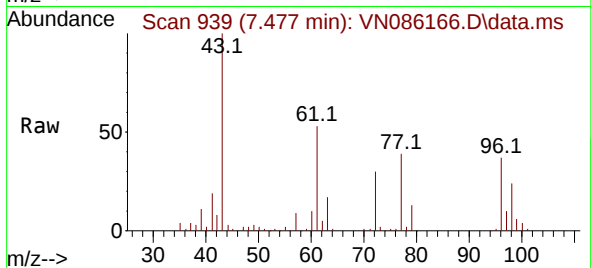
Tgt Ion: 63 Resp: 227813
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 4.5 2.5 7.5





#25
2-Butanone
Concen: 263.205 ug/l
RT: 7.477 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

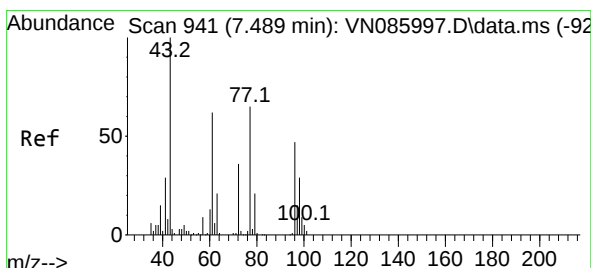
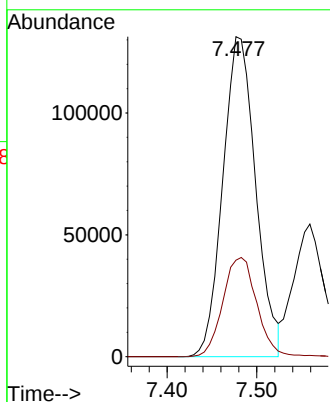
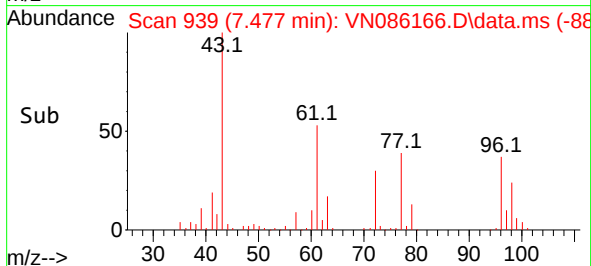
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



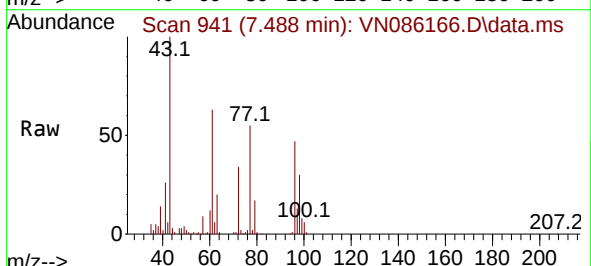
Tgt Ion: 43 Resp: 33416
Ion Ratio Lower Upper
43 100
72 30.2 27.4 41.0

Manual Integrations
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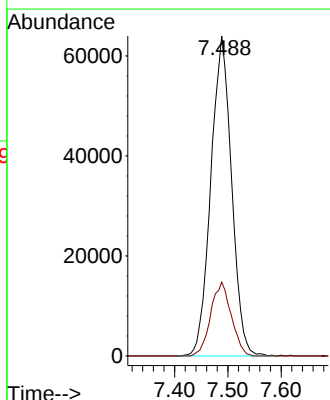
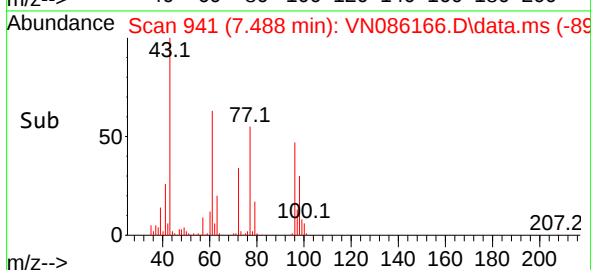
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#26
2,2-Dichloropropane
Concen: 42.682 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



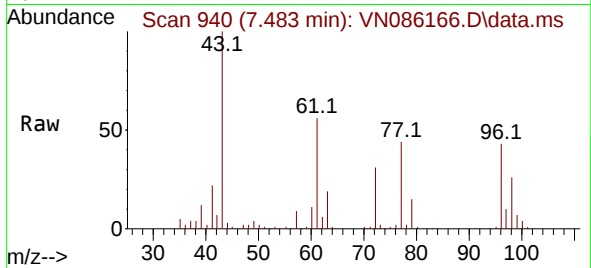
Tgt Ion: 77 Resp: 173095
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 53.999 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086166.D
 Acq: 28 Mar 2025 21:30

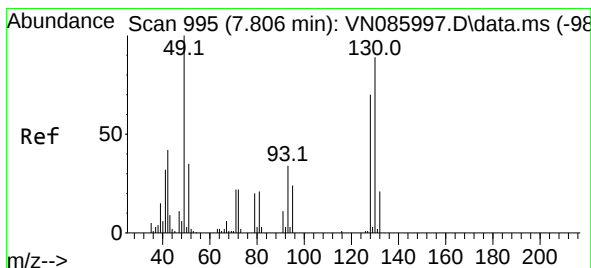
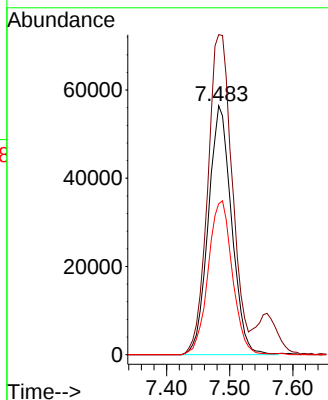
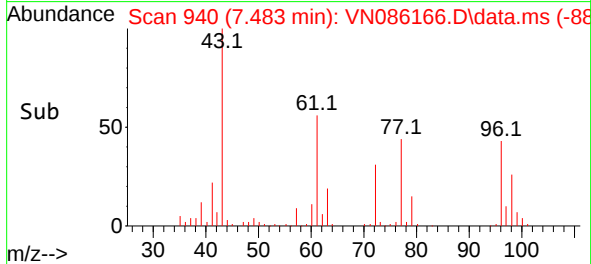
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 14449
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 272.8
 98 64.2 0.0 124.8

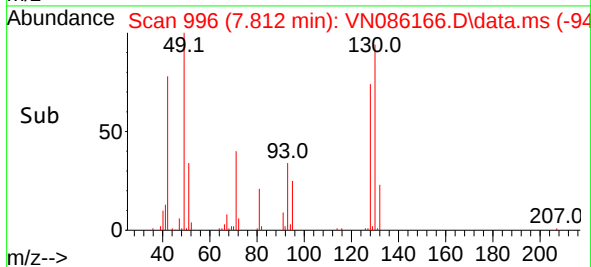
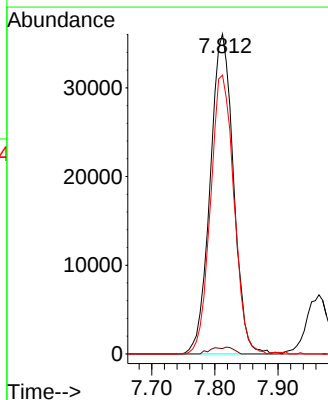
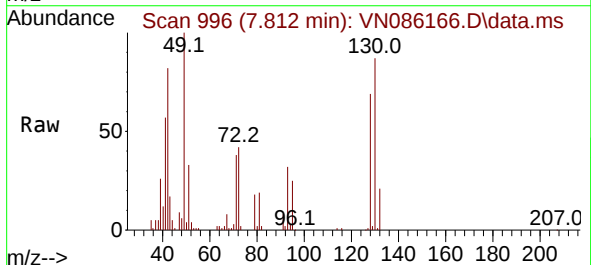
Manual Integrations
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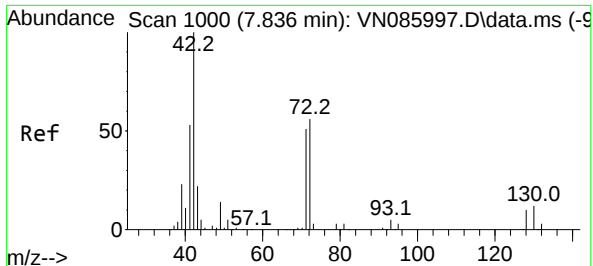
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025



#28
 Bromochloromethane
 Concen: 51.825 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086166.D
 Acq: 28 Mar 2025 21:30

Tgt Ion: 49 Resp: 92492
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 87.5 74.2 111.4





#29

Tetrahydrofuran

Concen: 284.249 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 222790

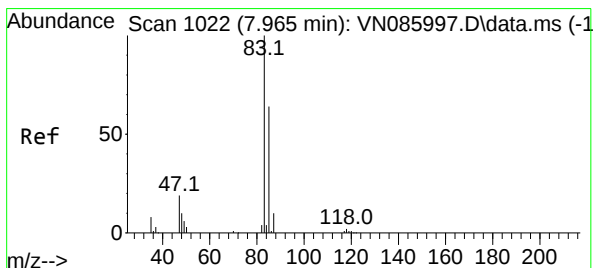
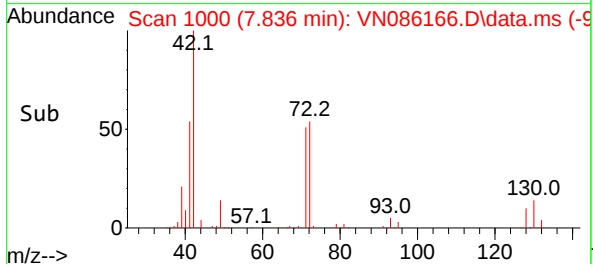
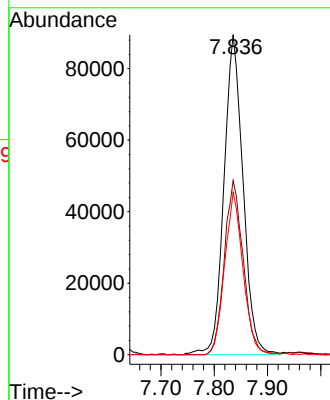
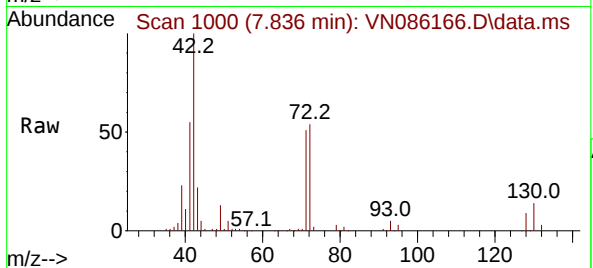
Ion	Ratio	Lower	Upper
42	100		
72	53.7	45.0	67.4
71	49.0	41.9	62.9

Manual Integrations

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#30

Chloroform

Concen: 51.731 ug/l

RT: 7.965 min Scan# 1022

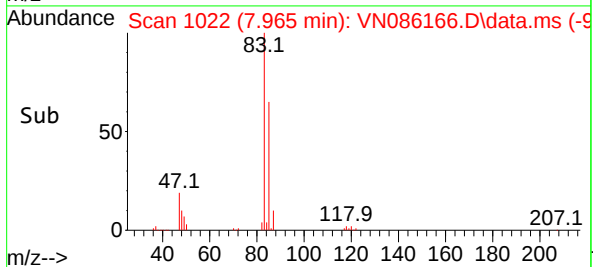
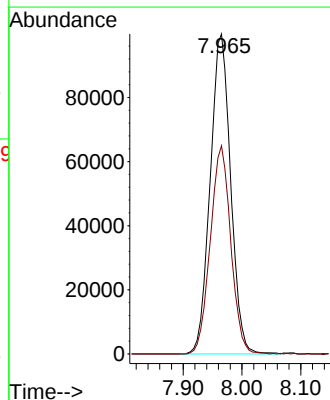
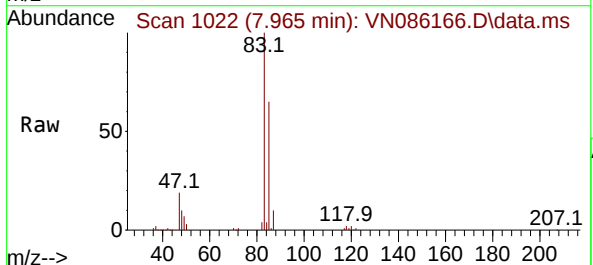
Delta R.T. -0.000 min

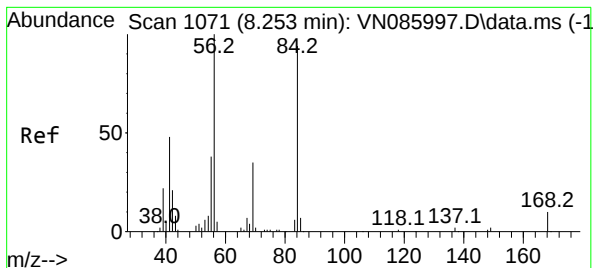
Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Tgt Ion: 83 Resp: 240863

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.5	77.3





#31

Cyclohexane

Concen: 50.437 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086166.D

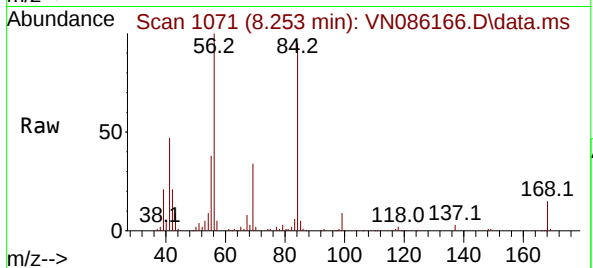
Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 18099

Ion Ratio Lower Upper

56 100

69 34.1 28.0 42.0

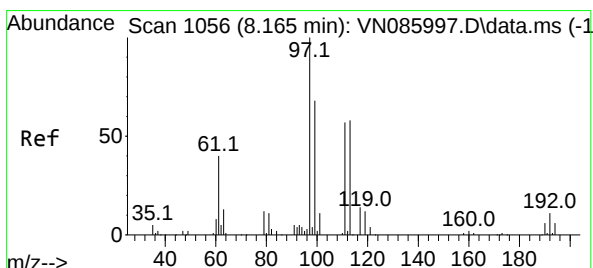
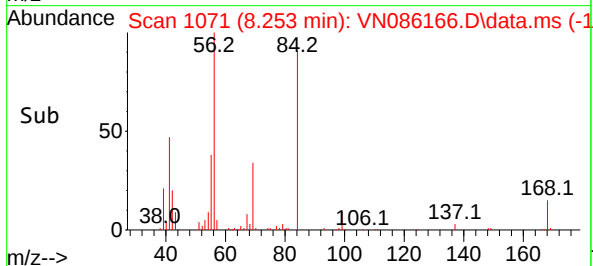
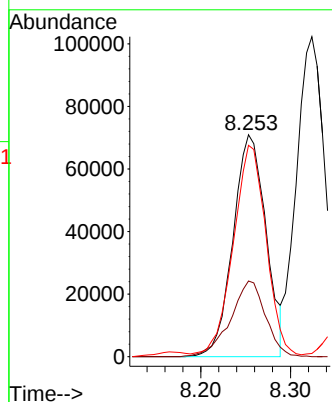
84 93.4 75.0 112.6

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#32

1,1,1-Trichloroethane

Concen: 50.083 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

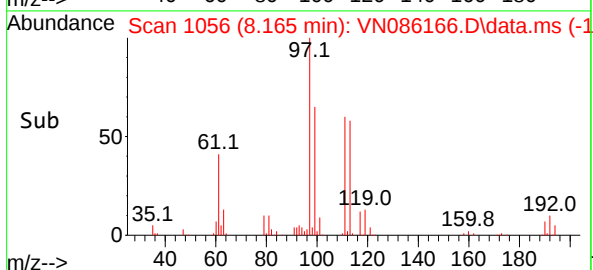
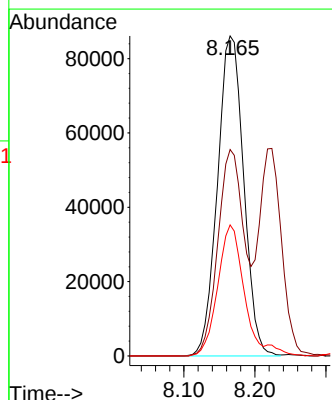
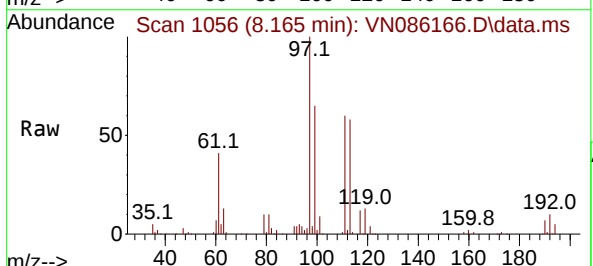
Tgt Ion: 97 Resp: 220735

Ion Ratio Lower Upper

97 100

99 64.3 52.8 79.2

61 41.9 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 50.035 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 14410

Ion Ratio Lower Upper

65 100

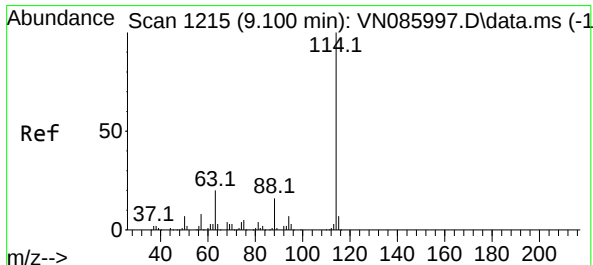
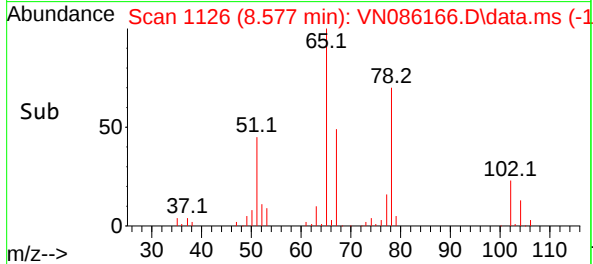
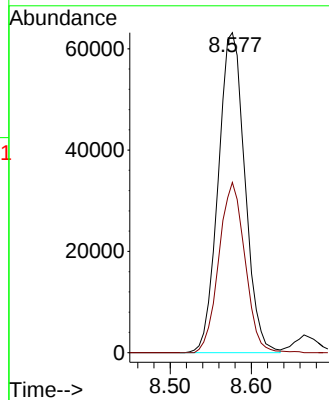
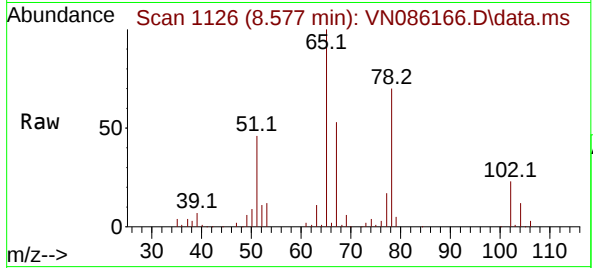
67 52.2 0.0 102.2

Manual Integrations

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

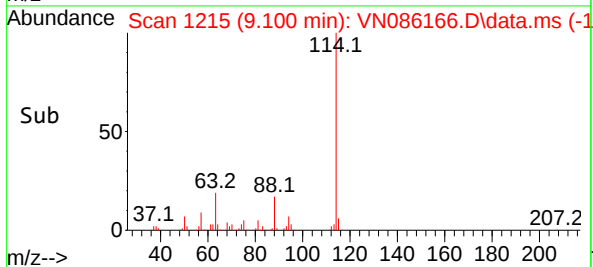
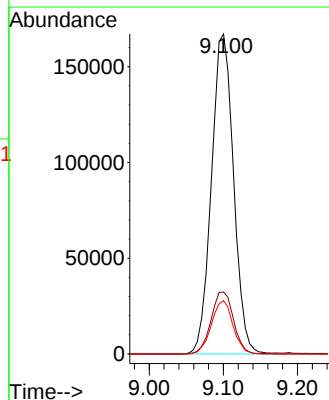
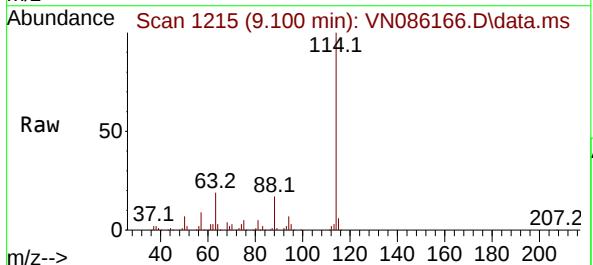
Tgt Ion:114 Resp: 346214

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

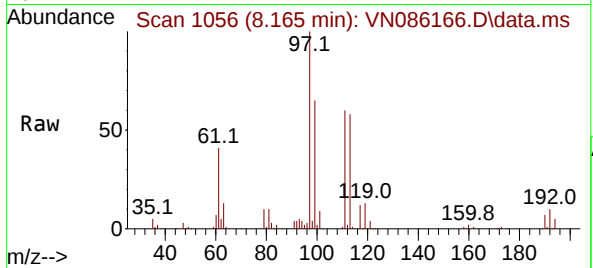
88 16.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.259 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

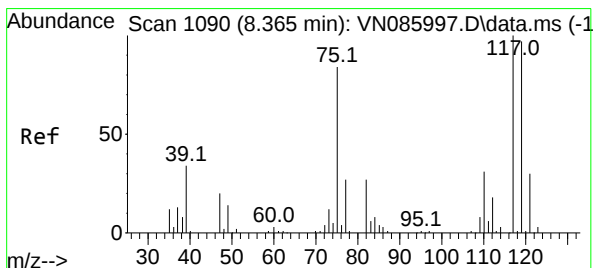
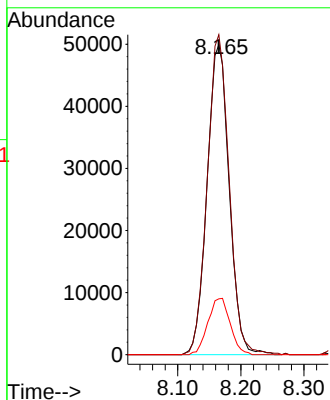
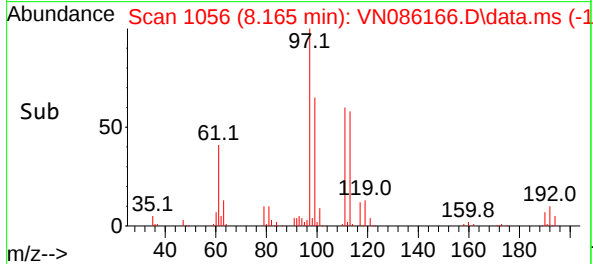
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



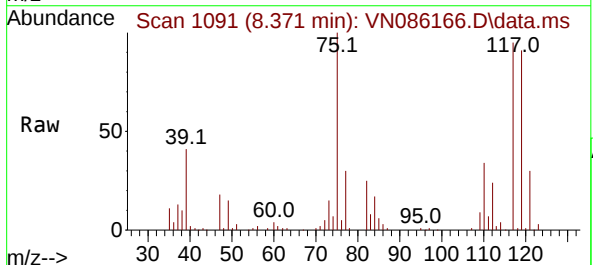
Tgt Ion: 113 Resp: 121452
Ion Ratio Lower Upper
113 100
111 102.2 81.8 122.8
192 18.3 15.9 23.9

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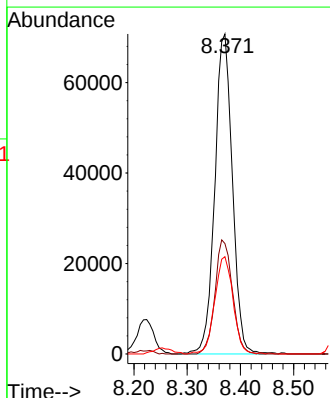
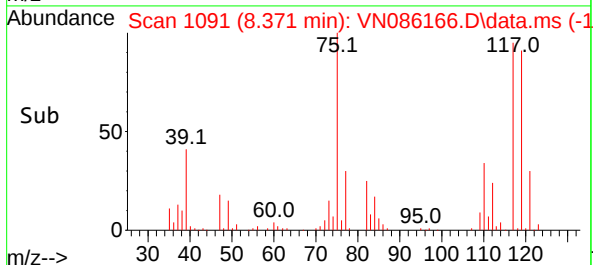
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

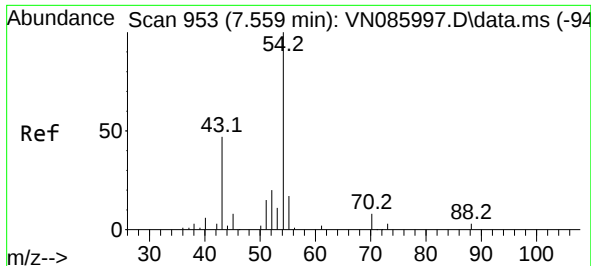


#36
1,1-Dichloropropene
Concen: 51.059 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



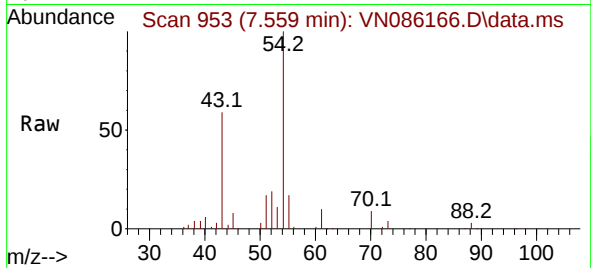
Tgt Ion: 75 Resp: 162469
Ion Ratio Lower Upper
75 100
110 35.4 17.8 53.3
77 31.6 25.0 37.4





#37
Ethyl Acetate
Concen: 49.640 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

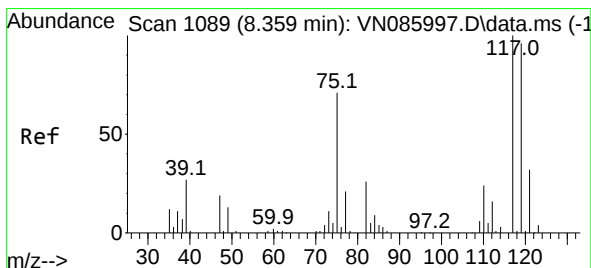
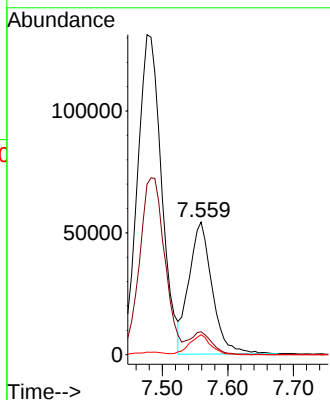
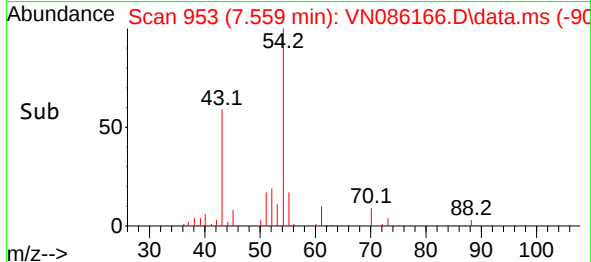
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 133250
Ion Ratio Lower Upper
43 100
61 15.7 13.0 19.4
70 13.7 11.0 16.6

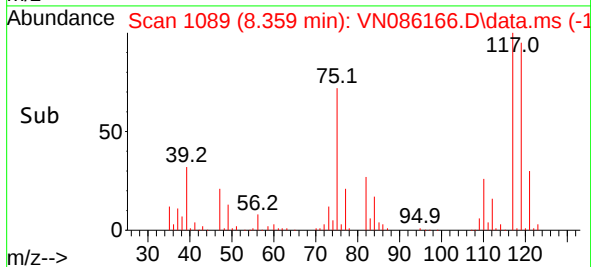
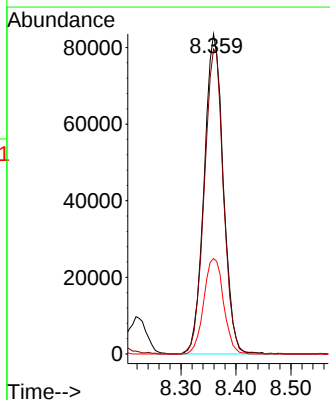
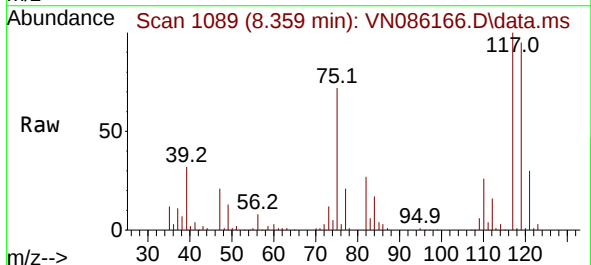
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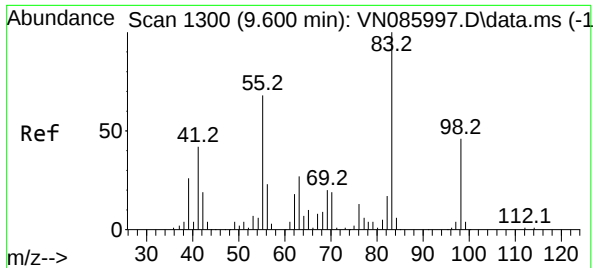
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#38
Carbon Tetrachloride
Concen: 48.258 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion:117 Resp: 201902
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4
121 29.8 25.6 38.4





#39
Methylcyclohexane
Concen: 50.251 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

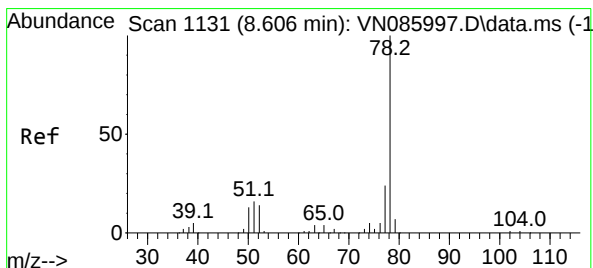
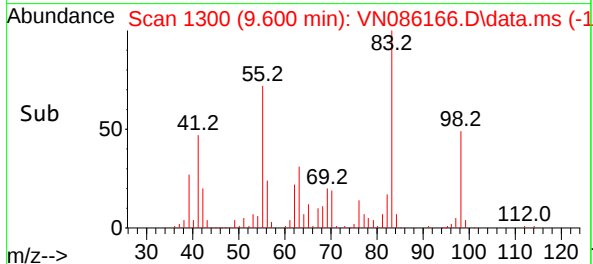
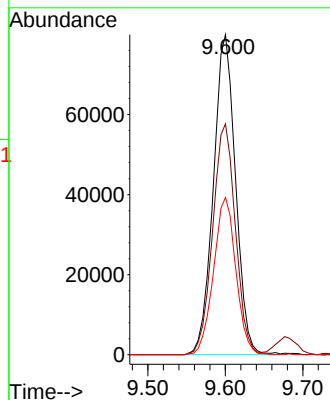
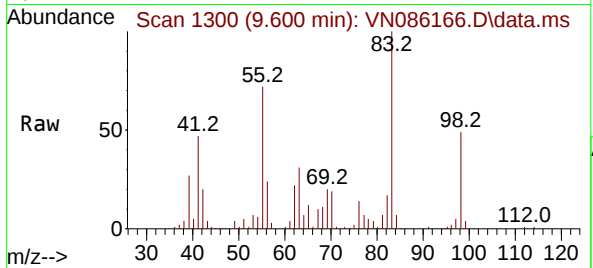
VSTDCCC050EC

Tgt Ion: 83 Resp: 15864
Ion Ratio Lower Upper
83 100
55 72.2 54.2 81.2
98 49.2 37.1 55.7

Manual Integrations

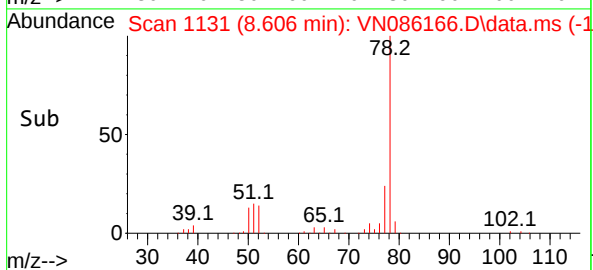
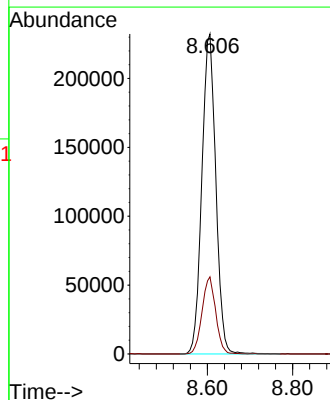
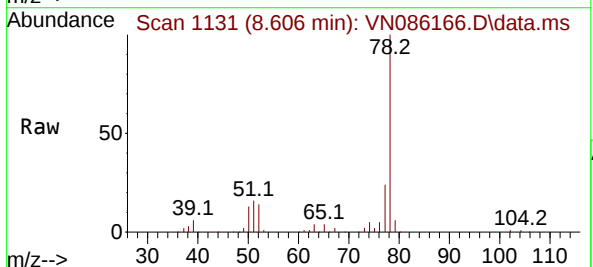
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Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#40
Benzene
Concen: 52.747 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 78 Resp: 526888
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3





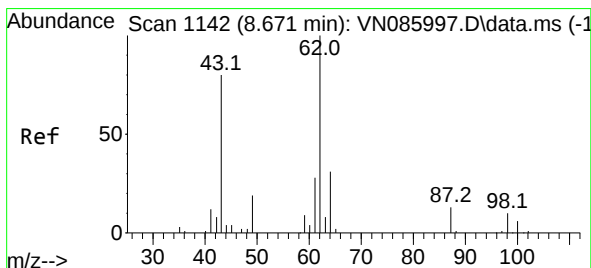
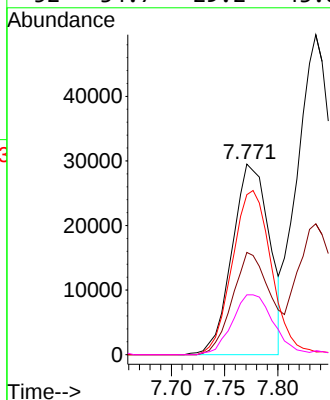
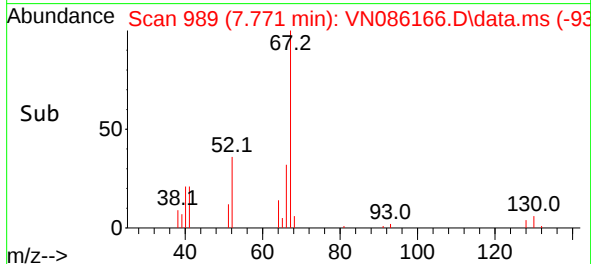
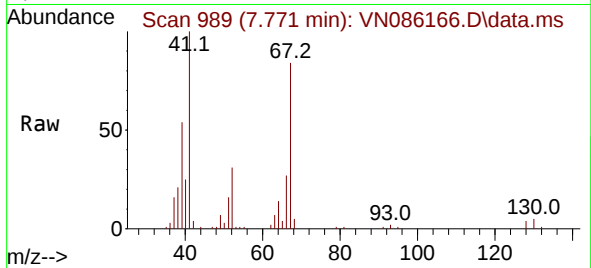
#41
Methacrylonitrile
Concen: 56.102 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 71911
Ion Ratio Lower Upper
41 100
39 55.7 46.2 69.2
67 91.4 75.9 113.9
52 34.7 29.2 43.8

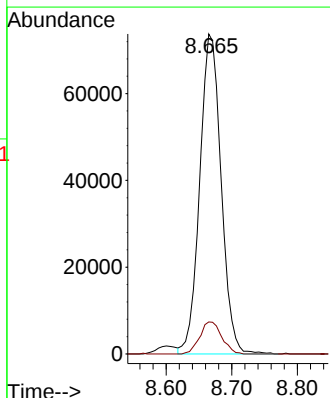
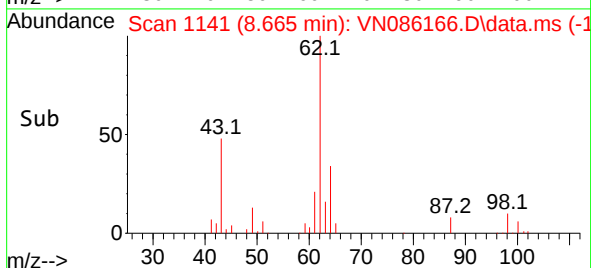
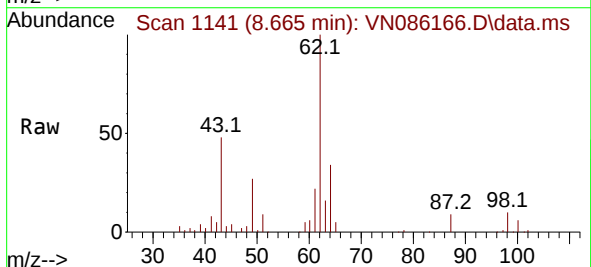
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Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#42
1,2-Dichloroethane
Concen: 48.114 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 62 Resp: 167466
Ion Ratio Lower Upper
62 100
98 10.3 0.0 18.6





#43

Isopropyl Acetate

Concen: 41.012 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 23856

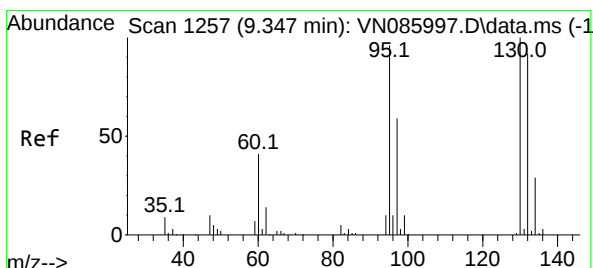
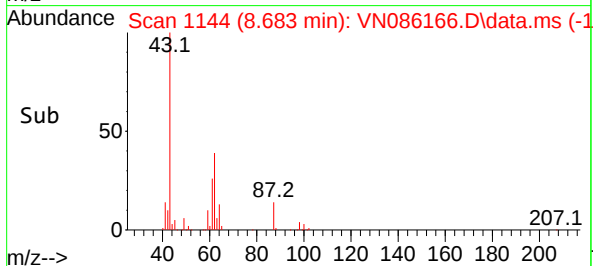
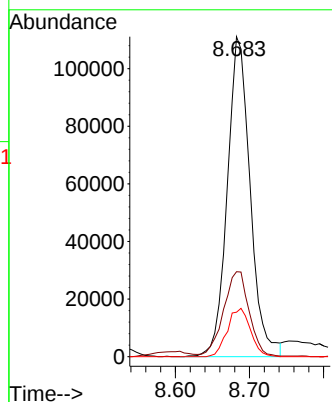
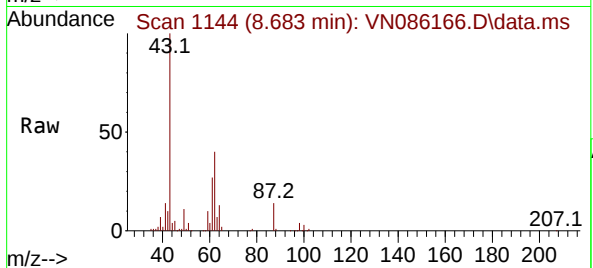
Ion	Ratio	Lower	Upper
43	100		
61	29.3	25.0	37.6
87	15.2	13.0	19.4

Manual Integrations

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Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#44

Trichloroethene

Concen: 48.215 ug/l

RT: 9.347 min Scan# 1257

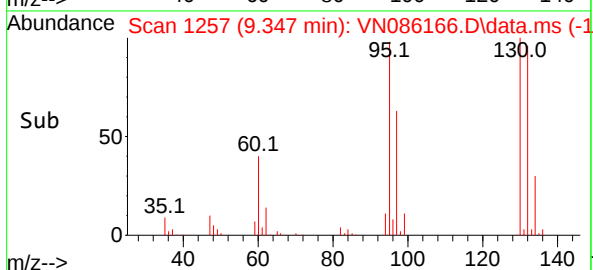
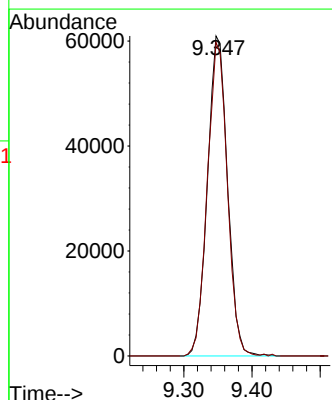
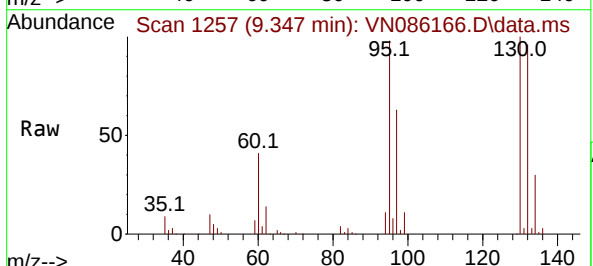
Delta R.T. -0.000 min

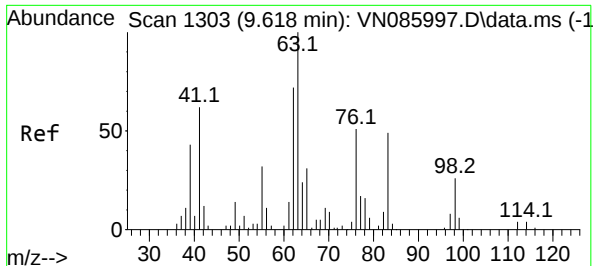
Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Tgt Ion:130 Resp: 124823

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	191.6





#45

1,2-Dichloropropane

Concen: 55.905 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 63 Resp: 12701

Ion Ratio Lower Upper

63 100

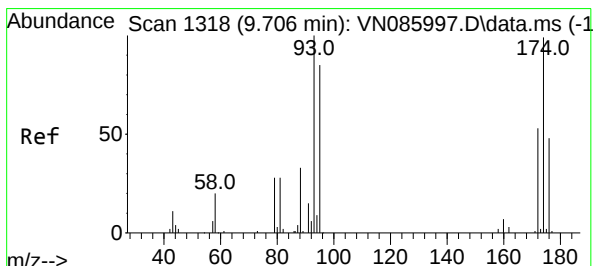
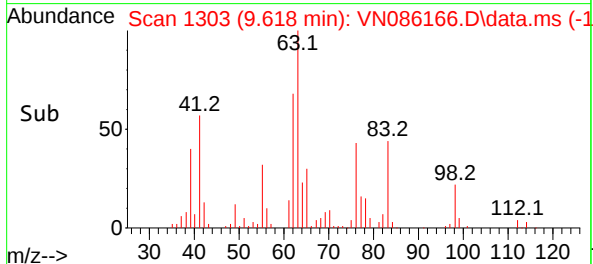
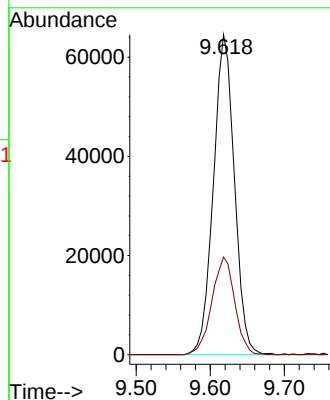
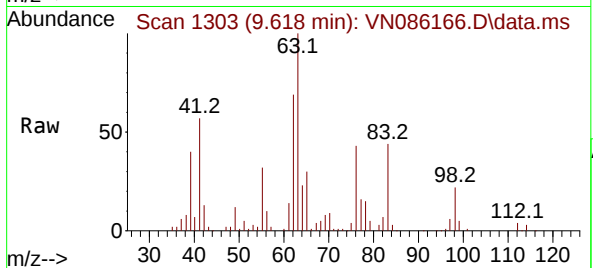
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#46

Dibromomethane

Concen: 50.629 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

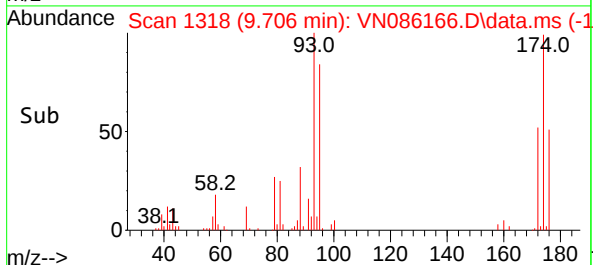
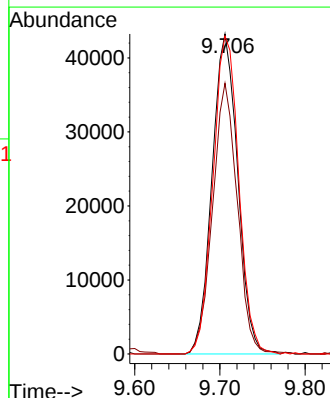
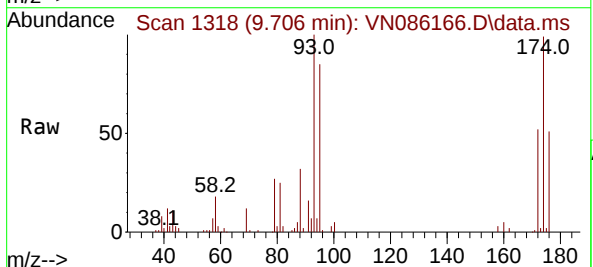
Tgt Ion: 93 Resp: 90461

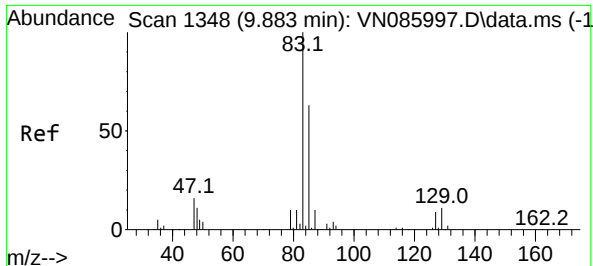
Ion Ratio Lower Upper

93 100

95 81.8 66.2 99.2

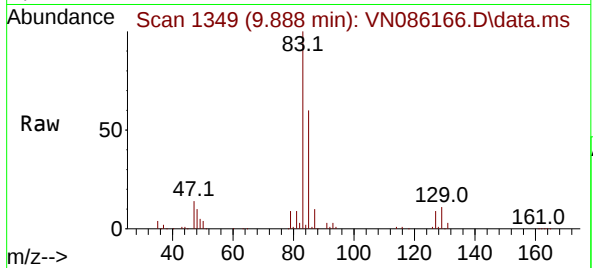
174 100.1 80.1 120.1





#47
Bromodichloromethane
Concen: 52.036 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

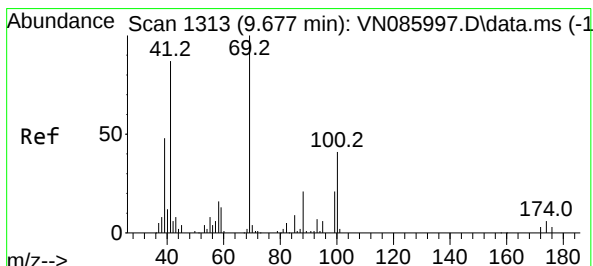
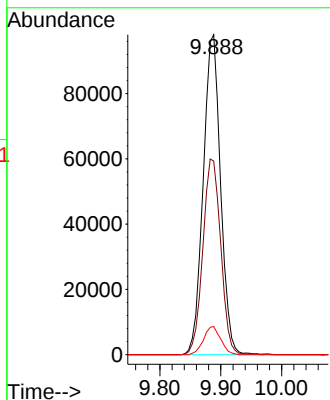
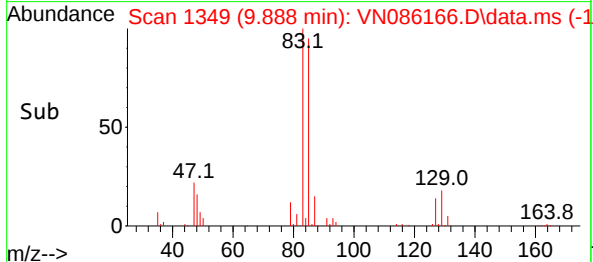
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 194310
Ion Ratio Lower Upper
83 100
85 60.5 50.2 75.2
127 8.8 7.1 10.7

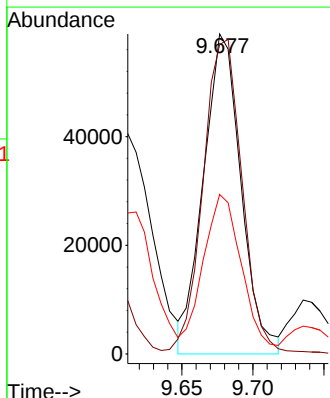
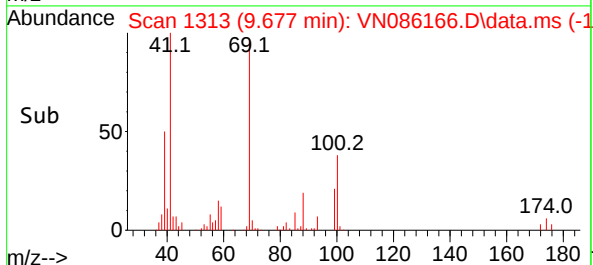
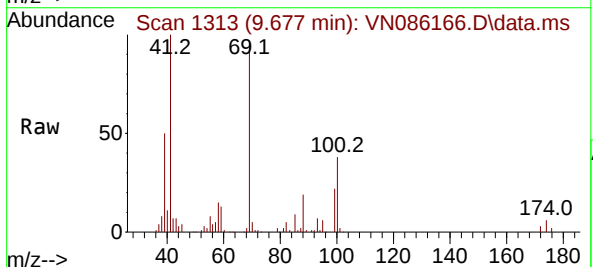
Manual Integrations
APPROVED

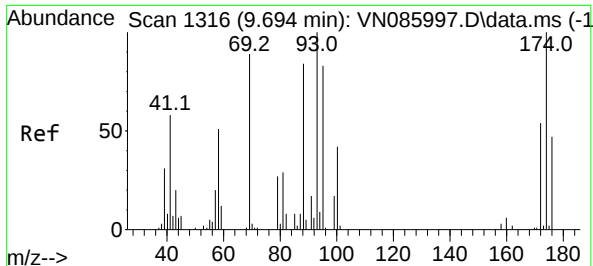
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#48
Methyl methacrylate
Concen: 56.523 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 41 Resp: 108500
Ion Ratio Lower Upper
41 100
69 101.2 83.1 124.7
39 51.9 45.6 68.4





#49

1,4-Dioxane

Concen: 1094.348 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 4965

Ion Ratio Lower Upper

88 100

43 26.9 21.7 32.5

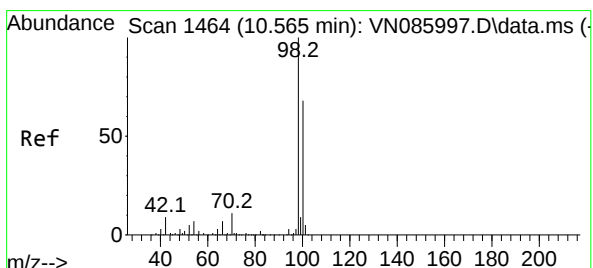
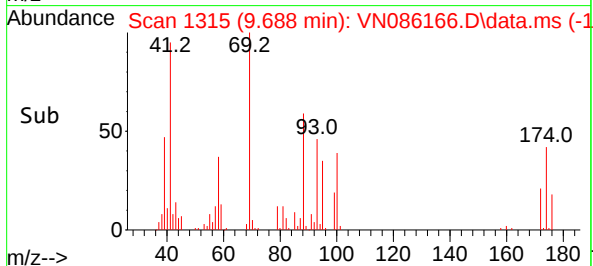
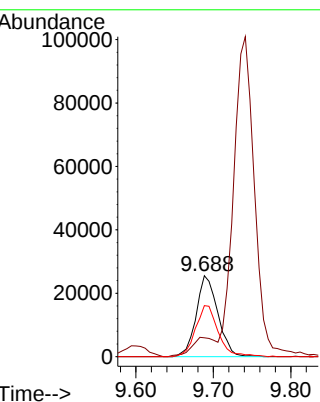
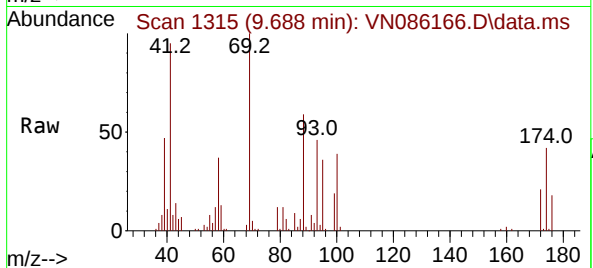
58 66.3 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#50

Toluene-d8

Concen: 51.782 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086166.D

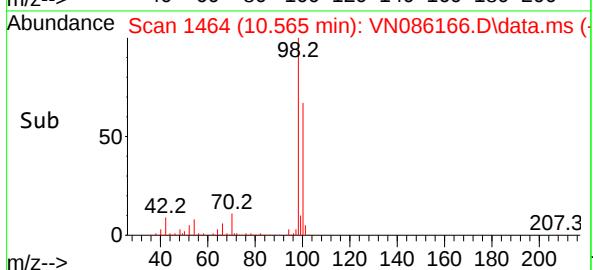
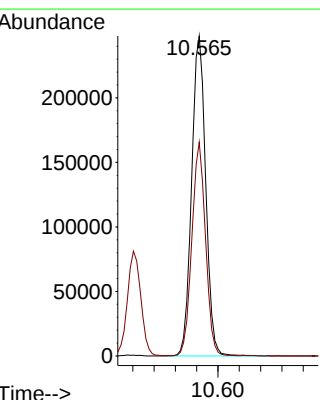
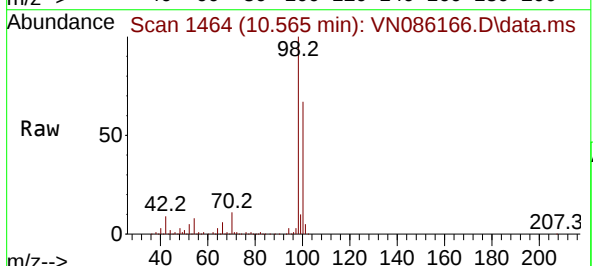
Acq: 28 Mar 2025 21:30

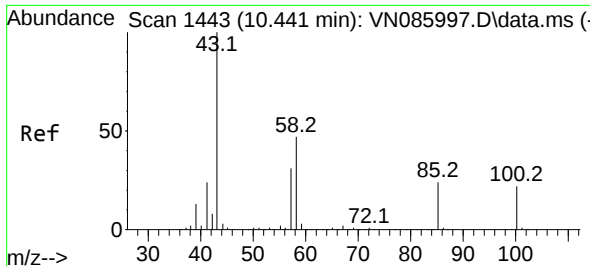
Tgt Ion: 98 Resp: 454147

Ion Ratio Lower Upper

98 100

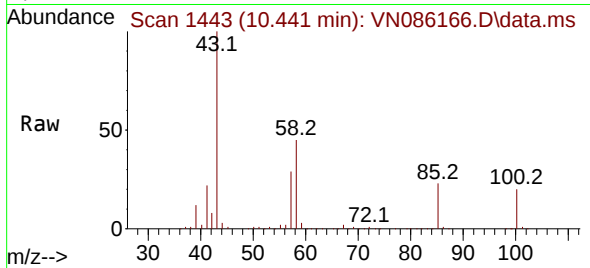
100 64.7 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 279.305 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

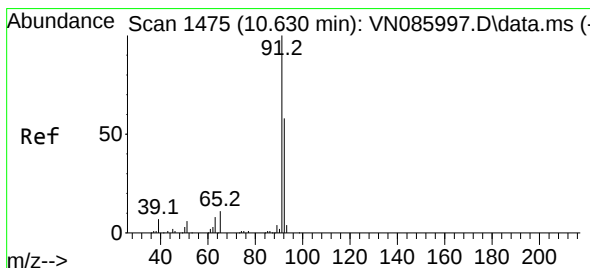
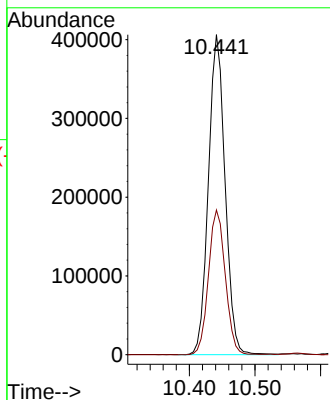
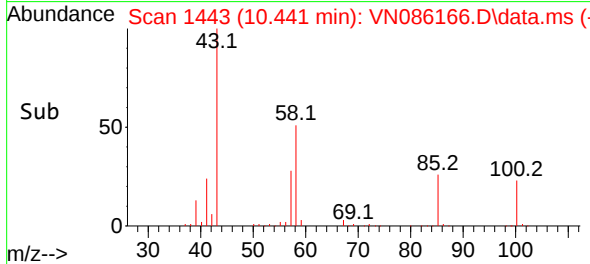
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 716542
Ion Ratio Lower Upper
43 100
58 45.8 37.4 56.0

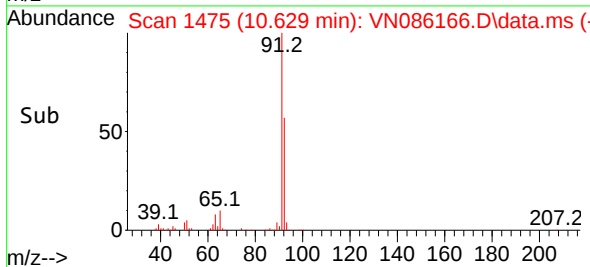
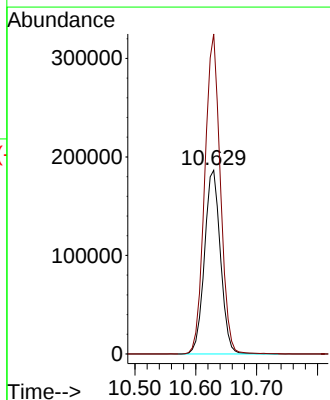
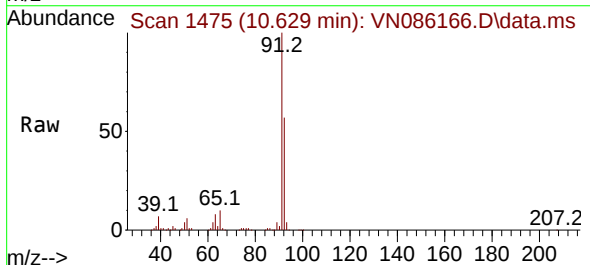
Manual Integrations
APPROVED

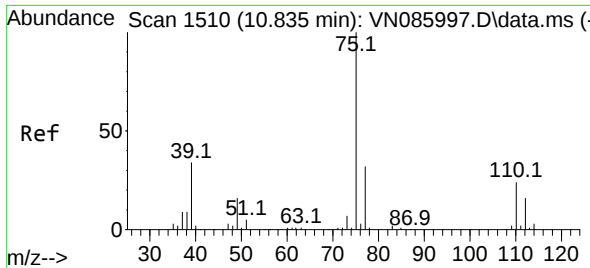
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#52
Toluene
Concen: 55.343 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 92 Resp: 339293
Ion Ratio Lower Upper
92 100
91 170.5 136.2 204.4





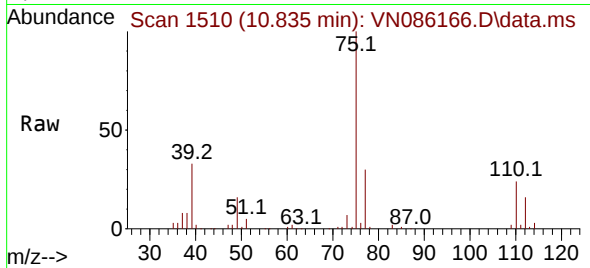
#53
t-1,3-Dichloropropene
Concen: 52.486 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



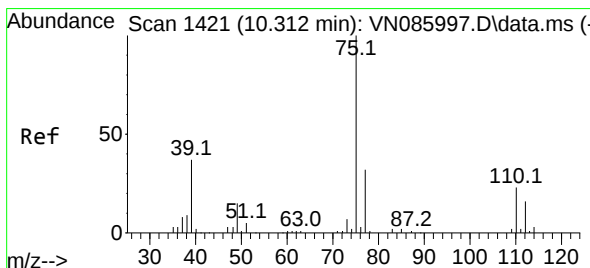
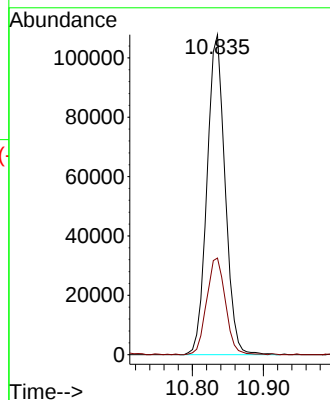
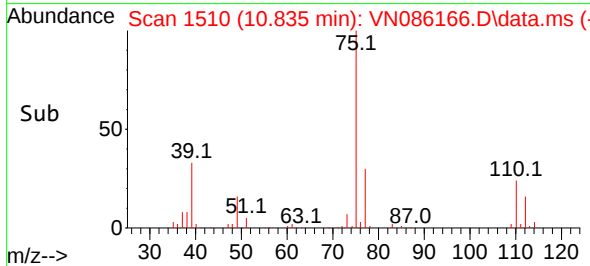
Tgt Ion: 75 Resp: 190340
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9

Manual Integrations

APPROVED

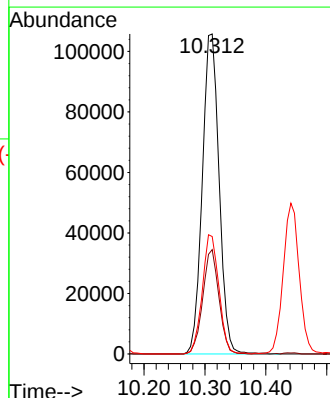
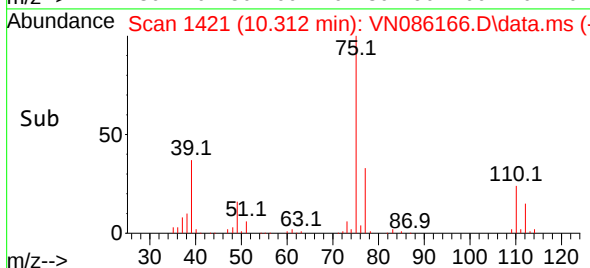
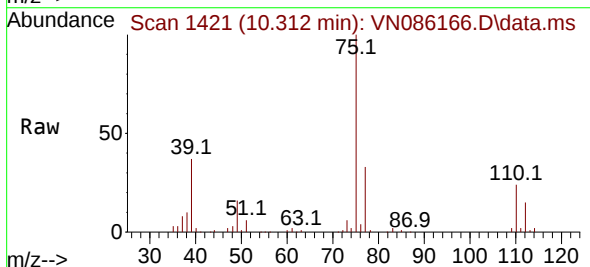
Reviewed By :John Carlone 03/31/2025

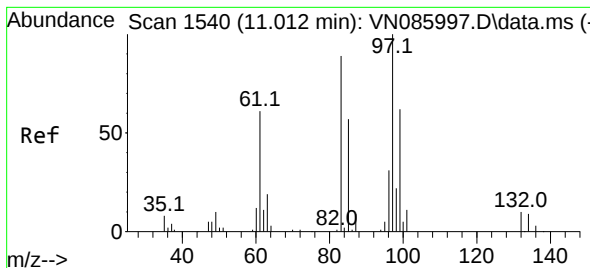
Supervised By :Mahesh Dadoda 03/31/2025



#54
cis-1,3-Dichloropropene
Concen: 52.900 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

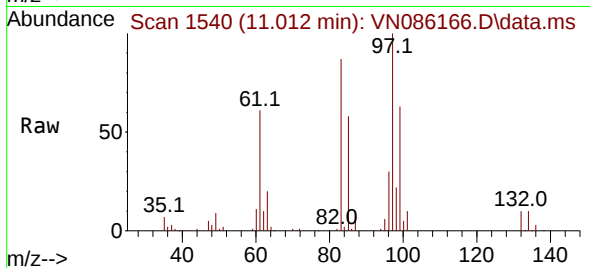
Tgt Ion: 75 Resp: 202406
Ion Ratio Lower Upper
75 100
77 32.6 25.3 37.9
39 36.7 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 54.206 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

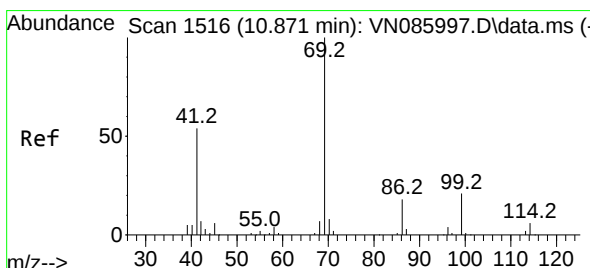
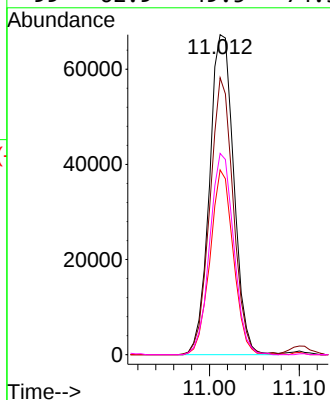
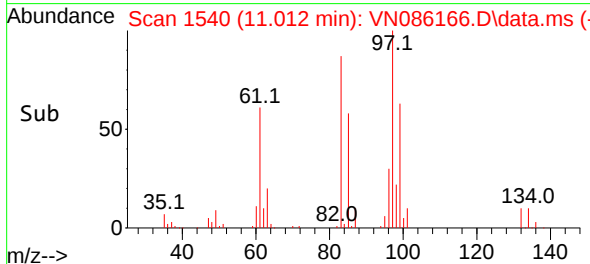
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



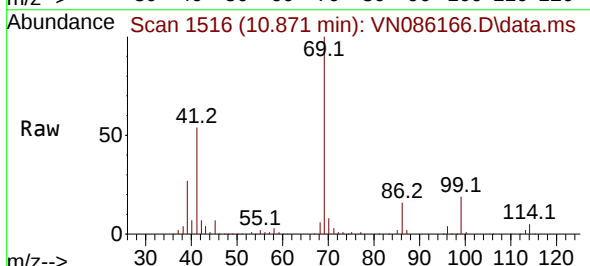
Tgt Ion: 97 Resp: 126840
Ion Ratio Lower Upper
97 100
83 86.6 71.2 106.8
85 57.7 45.4 68.0
99 62.9 49.5 74.3

Manual Integrations
APPROVED

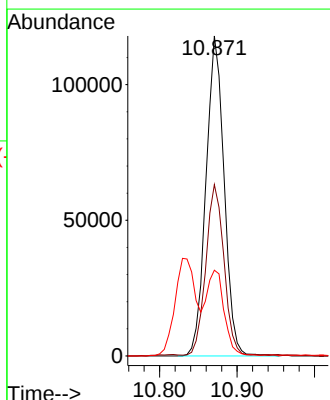
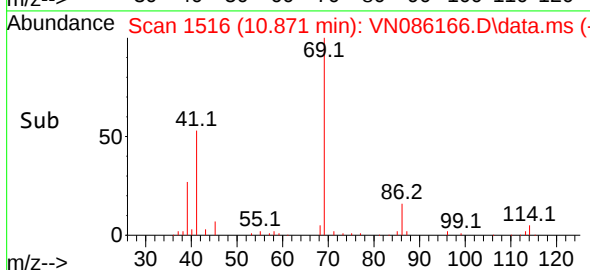
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

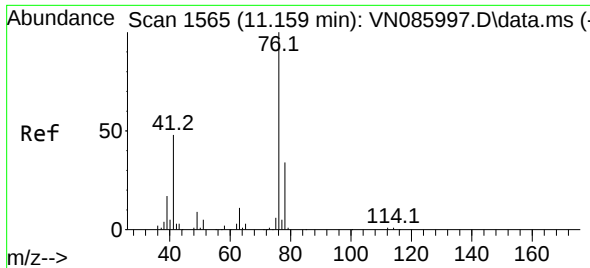


#56
Ethyl methacrylate
Concen: 52.120 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



Tgt Ion: 69 Resp: 191873
Ion Ratio Lower Upper
69 100
41 53.4 41.6 62.4
39 26.0 21.8 32.8





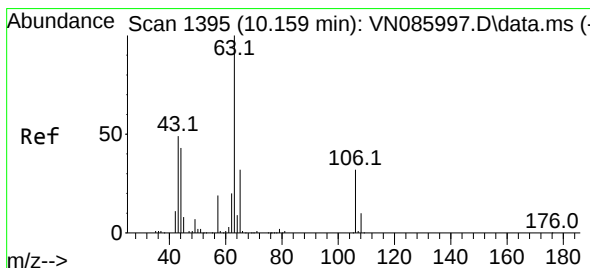
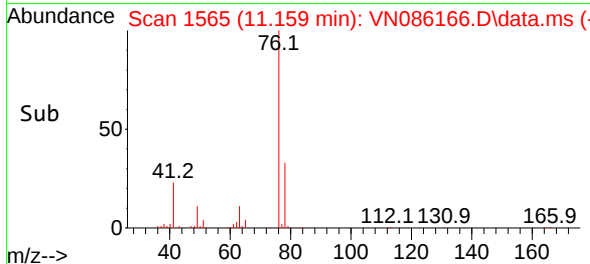
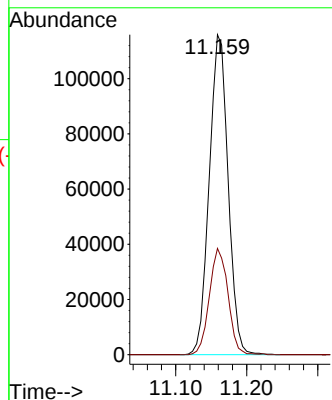
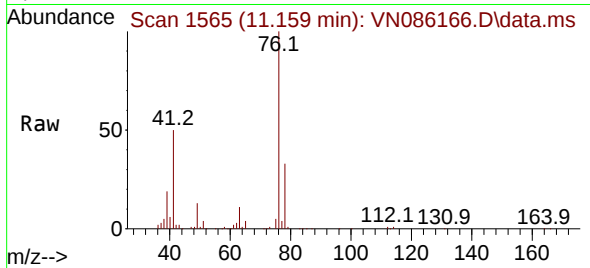
#57
1,3-Dichloropropane
Concen: 53.797 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 213808
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

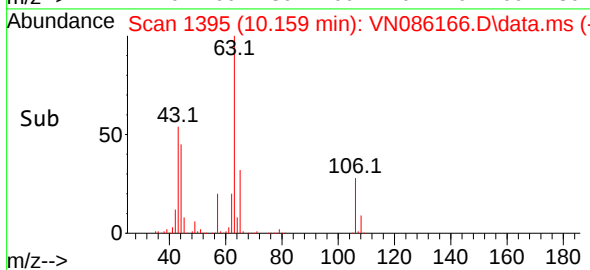
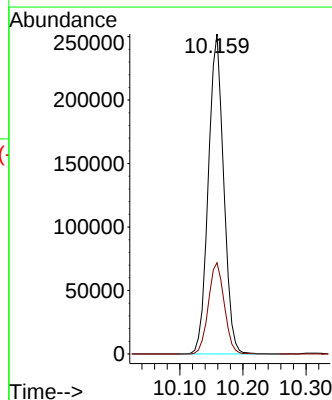
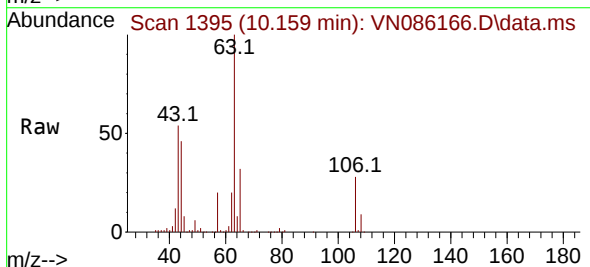
Manual Integrations
APPROVED

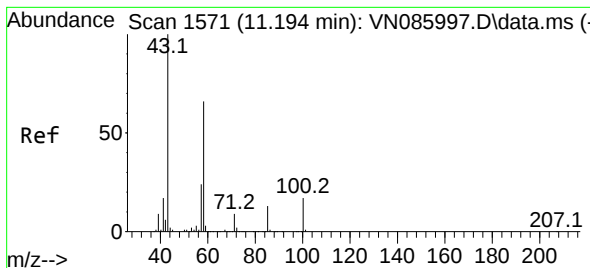
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#58
2-Chloroethyl Vinyl ether
Concen: 293.672 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

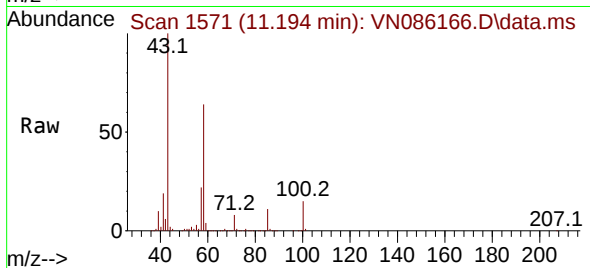
Tgt Ion: 63 Resp: 425270
Ion Ratio Lower Upper
63 100
106 29.4 25.0 37.6





#59
2-Hexanone
Concen: 279.789 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

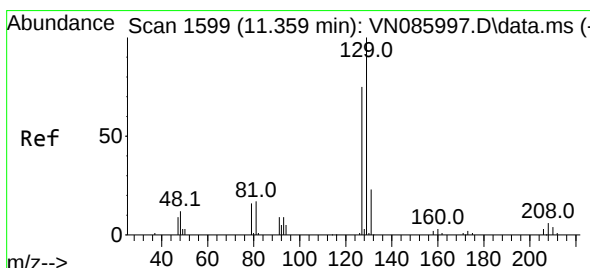
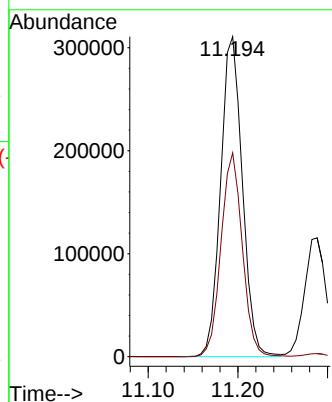
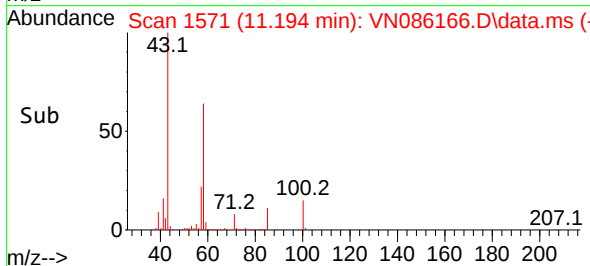
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 52290
Ion Ratio Lower Upper
43 100
58 62.4 32.4 97.2

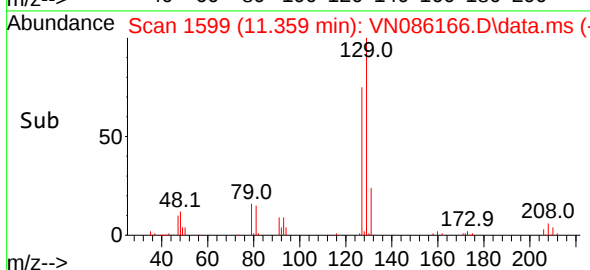
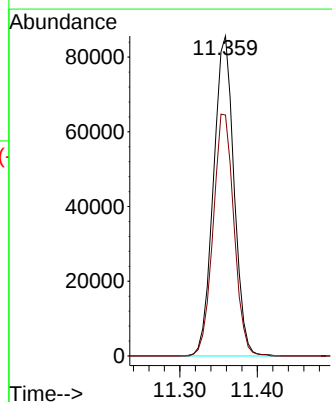
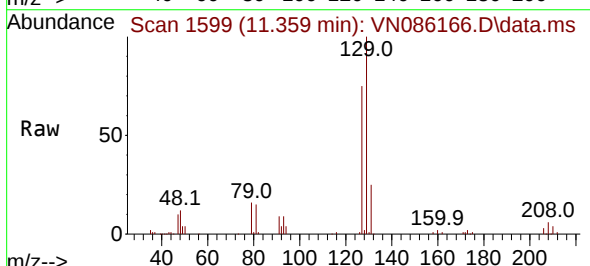
Manual Integrations
APPROVED

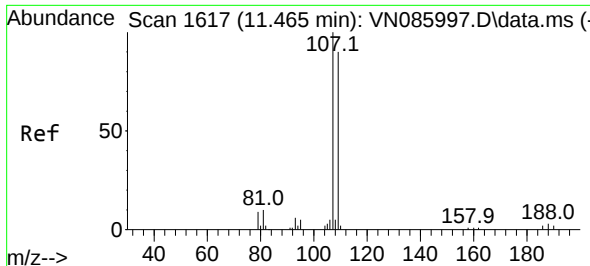
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#60
Dibromochloromethane
Concen: 52.160 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

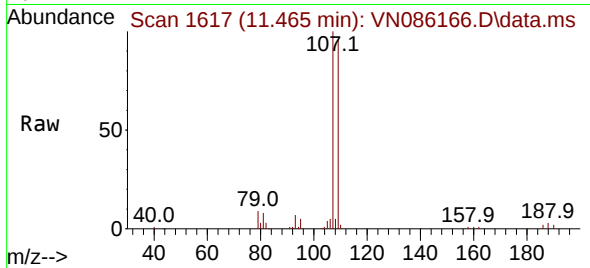
Tgt Ion:129 Resp: 157495
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61
1,2-Dibromoethane
Concen: 51.840 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

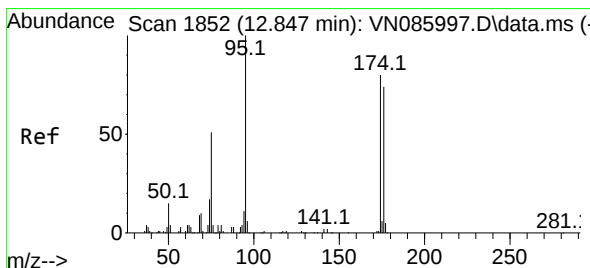
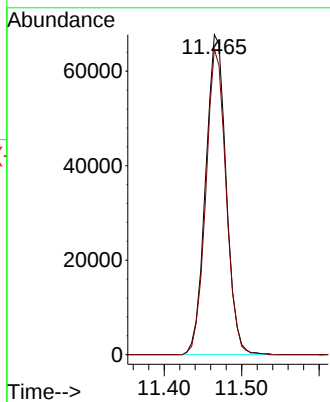
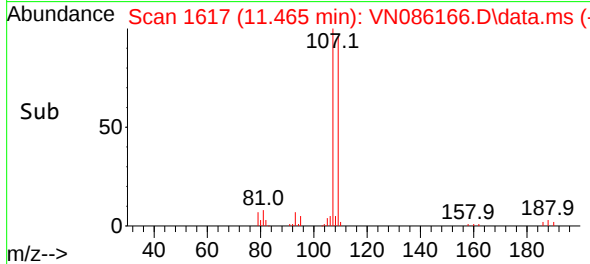
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



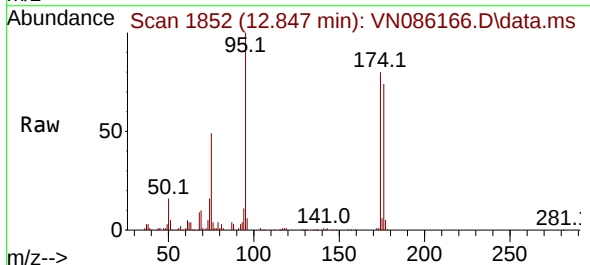
Tgt Ion:107 Resp: 124531
Ion Ratio Lower Upper
107 100
109 93.9 73.3 109.9

Manual Integrations
APPROVED

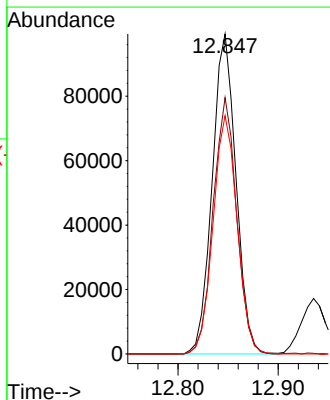
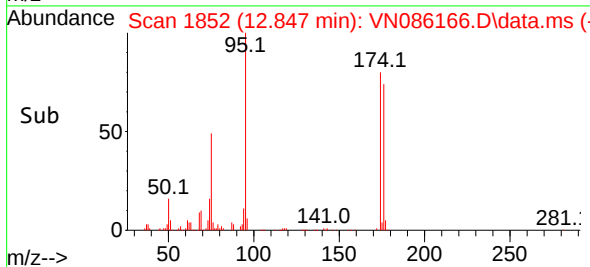
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

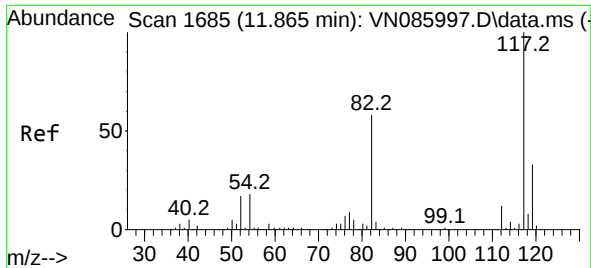


#62
4-Bromofluorobenzene
Concen: 52.188 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



Tgt Ion: 95 Resp: 163231
Ion Ratio Lower Upper
95 100
174 79.1 0.0 156.8
176 75.5 0.0 152.2





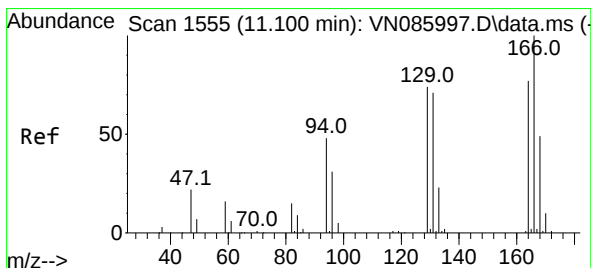
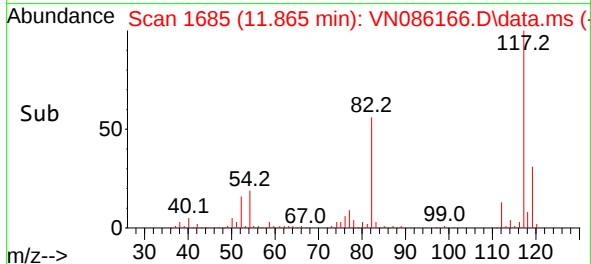
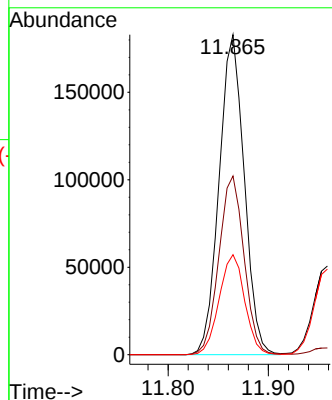
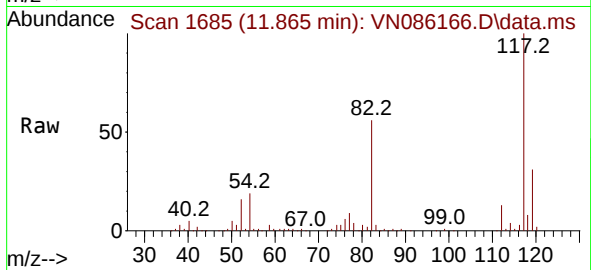
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 31805
Ion Ratio Lower Upper
117 100
82 55.9 46.7 70.1
119 31.2 26.5 39.7

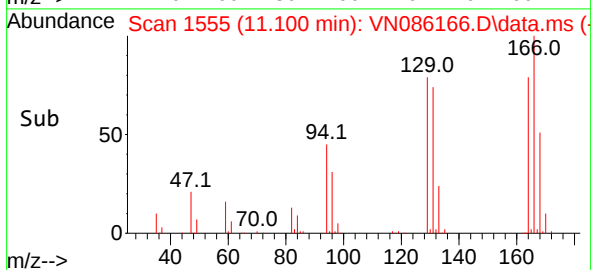
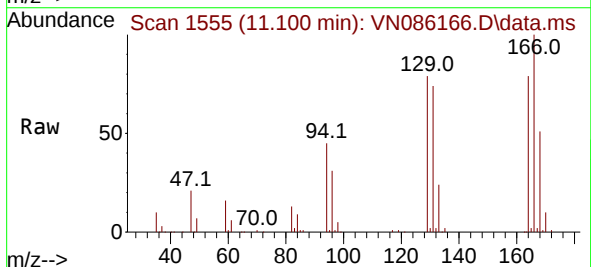
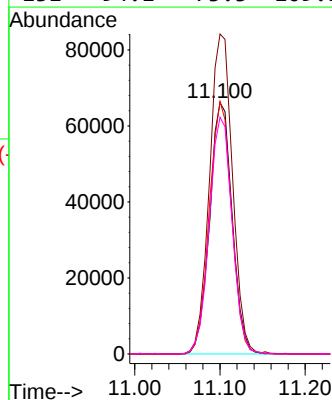
Manual Integrations
APPROVED

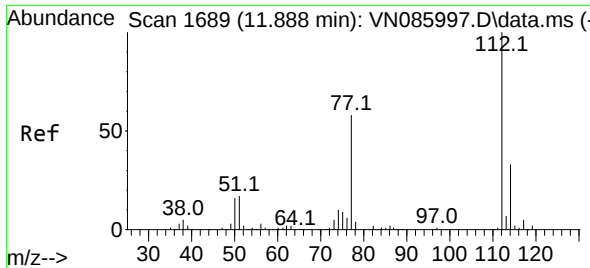
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#64
Tetrachloroethene
Concen: 47.809 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

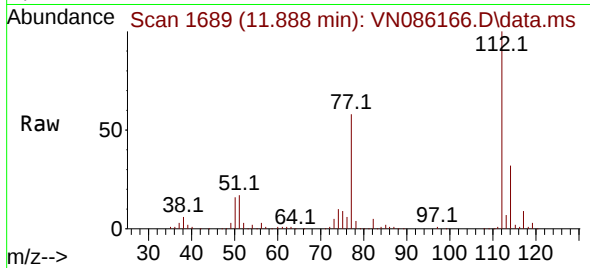
Tgt Ion:164 Resp: 121299
Ion Ratio Lower Upper
164 100
166 127.3 103.7 155.5
129 100.4 77.1 115.7
131 94.1 73.3 109.9





#65
Chlorobenzene
Concen: 50.264 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

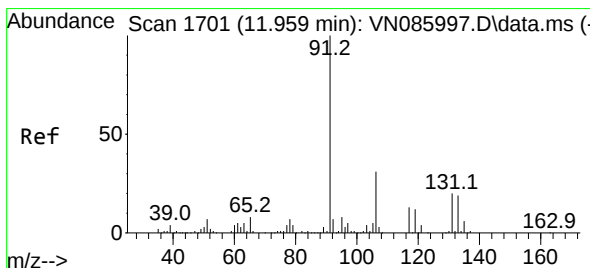
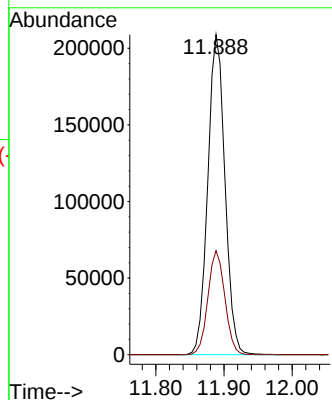
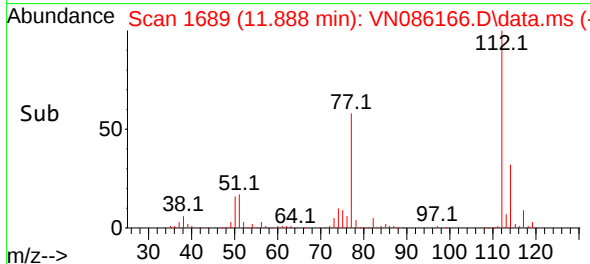
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



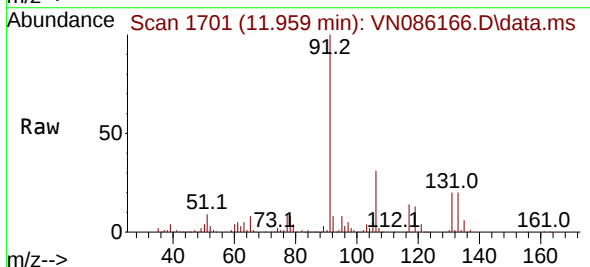
Tgt Ion:112 Resp: 365820
Ion Ratio Lower Upper
112 100
114 32.5 26.3 39.5

Manual Integrations
APPROVED

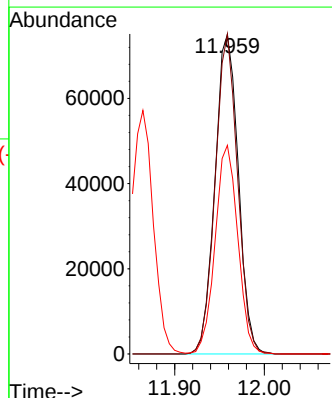
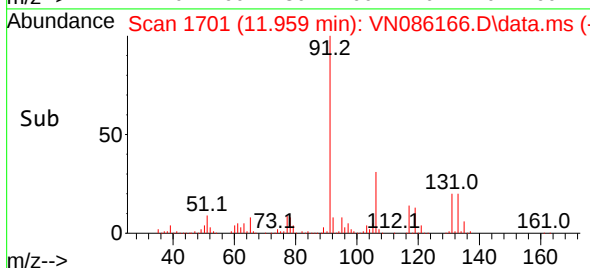
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.047 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



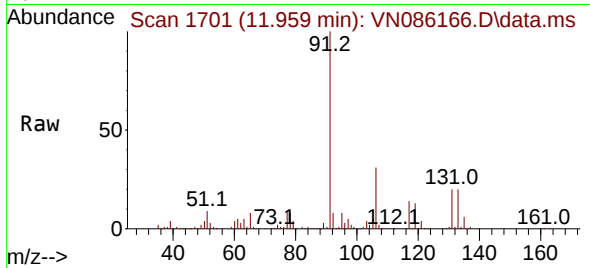
Tgt Ion:131 Resp: 135401
Ion Ratio Lower Upper
131 100
133 96.0 47.0 141.0
119 63.6 31.4 94.0





#67
Ethyl Benzene
Concen: 53.432 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

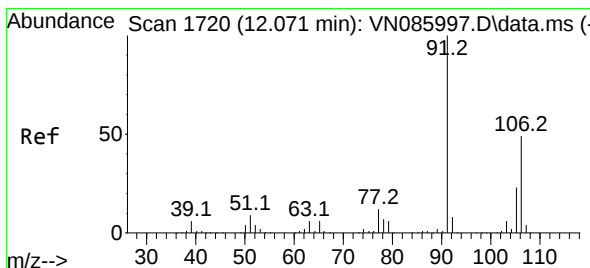
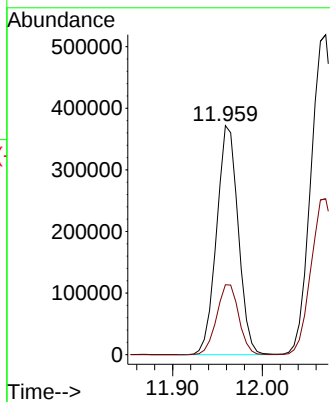
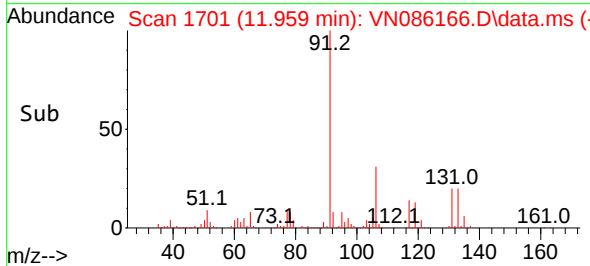
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 622062
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

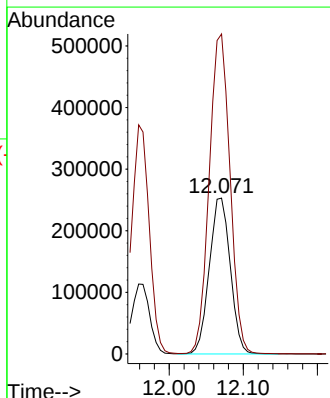
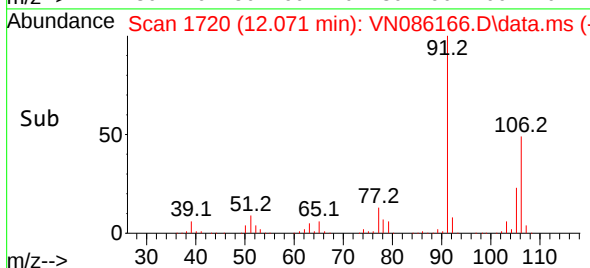
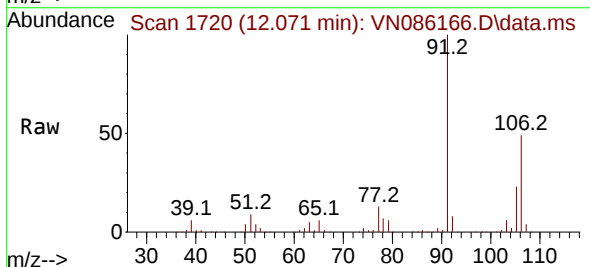
Manual Integrations
APPROVED

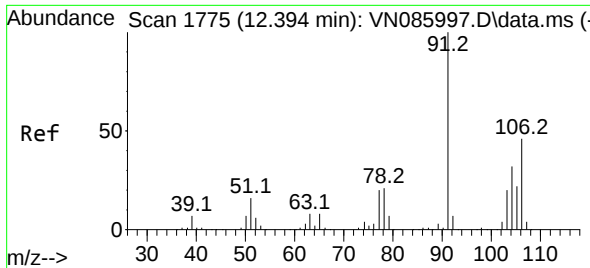
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#68
m/p-Xylenes
Concen: 108.650 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion:106 Resp: 497171
Ion Ratio Lower Upper
106 100
91 203.7 163.9 245.9





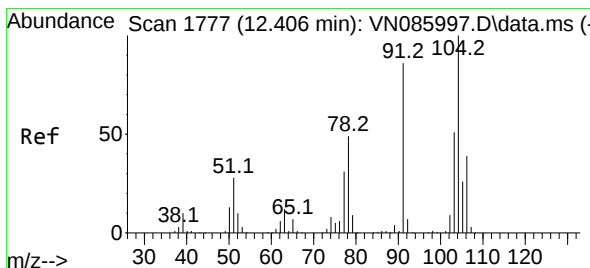
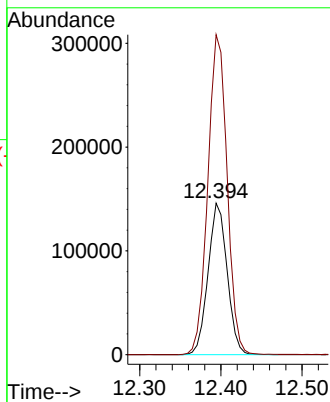
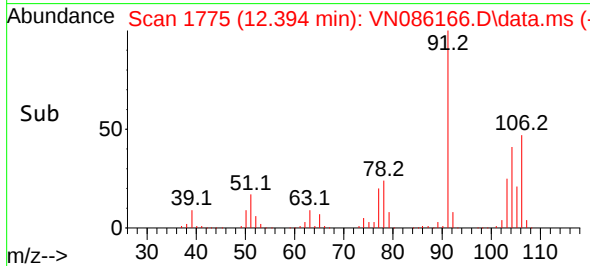
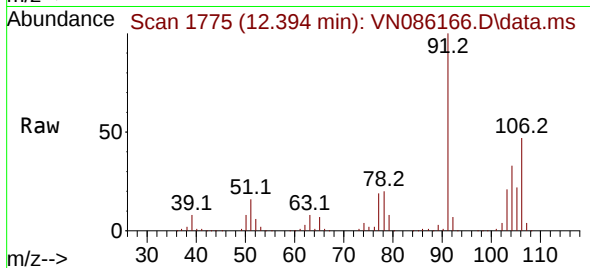
#69
o-Xylene
Concen: 56.663 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 237972
Ion Ratio Lower Upper
106 100
91 213.8 109.1 327.2

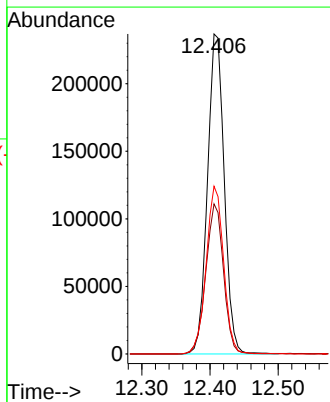
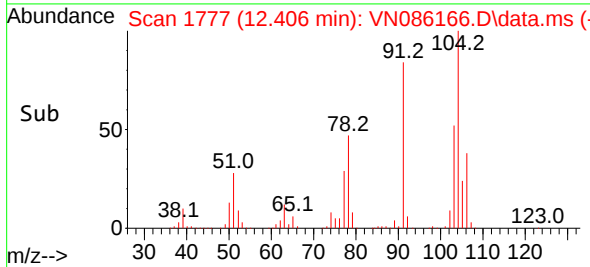
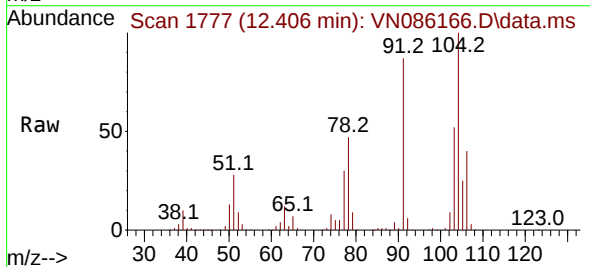
Manual Integrations
APPROVED

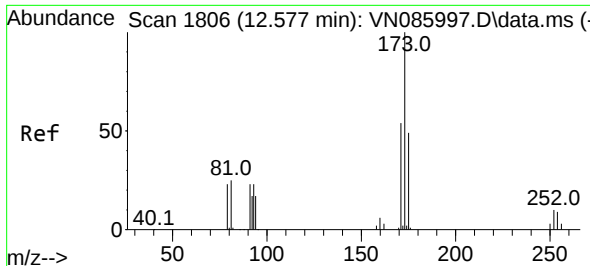
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#70
Styrene
Concen: 56.637 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

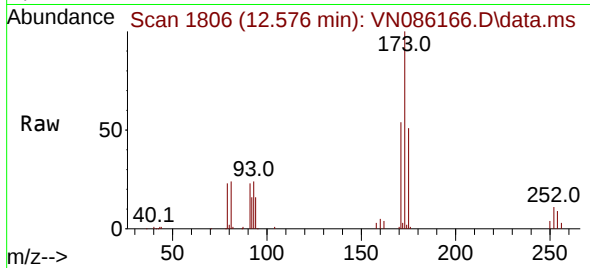
Tgt Ion:104 Resp: 406282
Ion Ratio Lower Upper
104 100
78 49.4 41.4 62.2
103 54.6 42.9 64.3





#71
Bromoform
Concen: 47.761 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

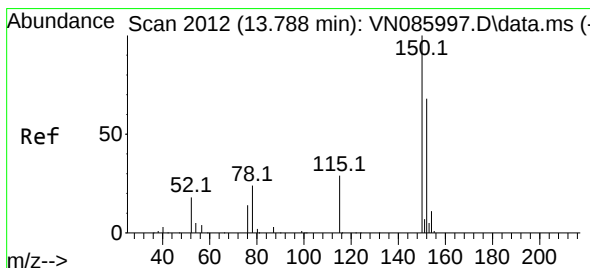
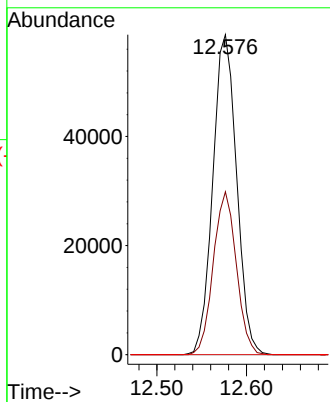
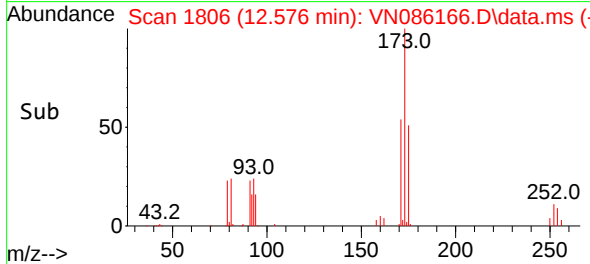
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



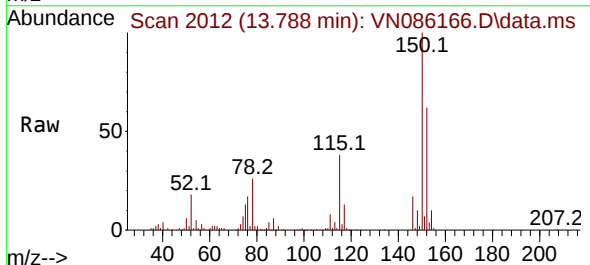
Tgt Ion:173 Resp: 108020
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

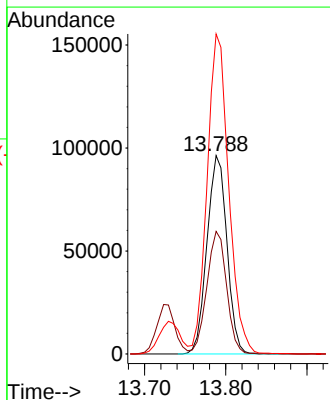
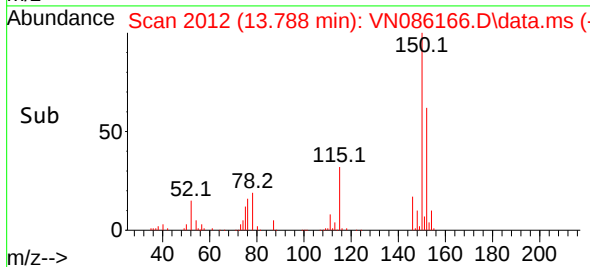
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

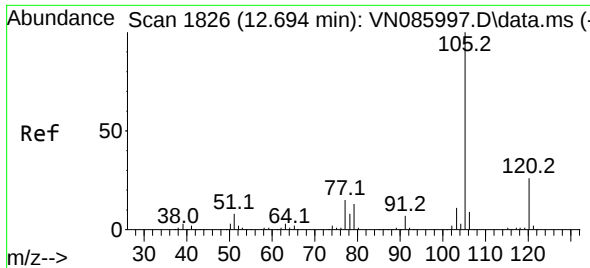


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



Tgt Ion:152 Resp: 164521
Ion Ratio Lower Upper
152 100
115 61.2 31.1 93.2
150 174.5 0.0 359.6





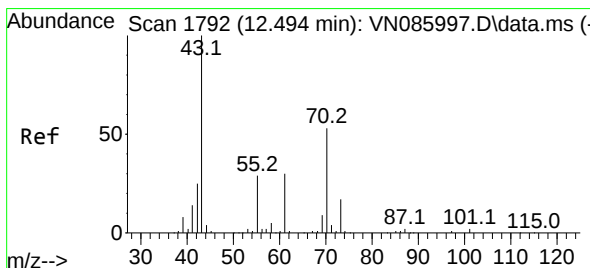
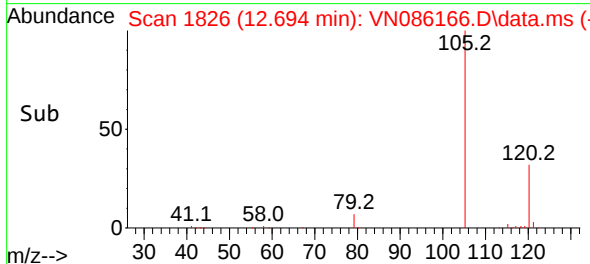
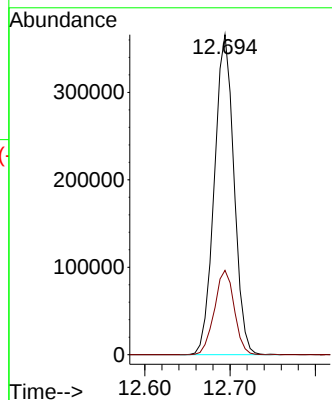
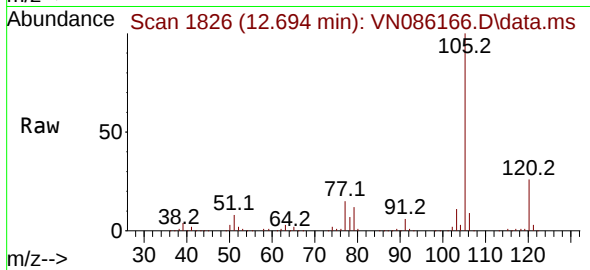
#73
Isopropylbenzene
Concen: 52.045 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 58472
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

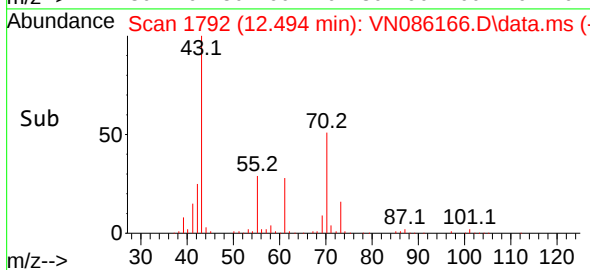
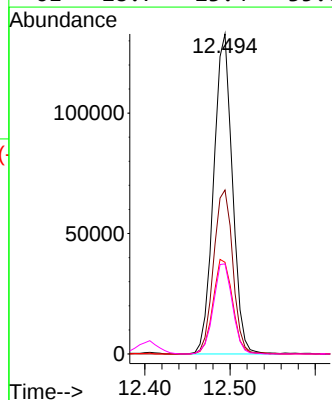
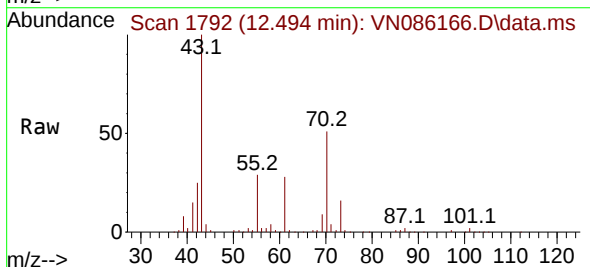
Manual Integrations
APPROVED

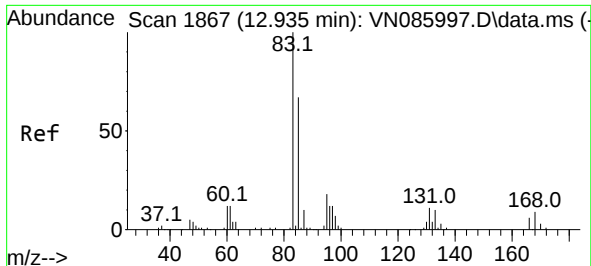
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#74
N-ethyl acetate
Concen: 54.035 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

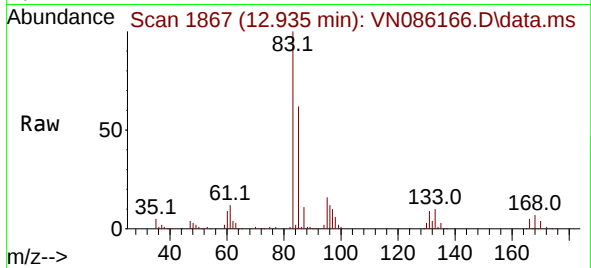
Tgt Ion: 43 Resp: 203109
Ion Ratio Lower Upper
43 100
70 52.6 43.0 64.4
55 30.8 23.8 35.8
61 28.7 23.4 35.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.139 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

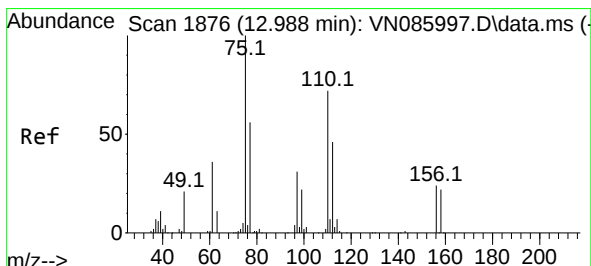
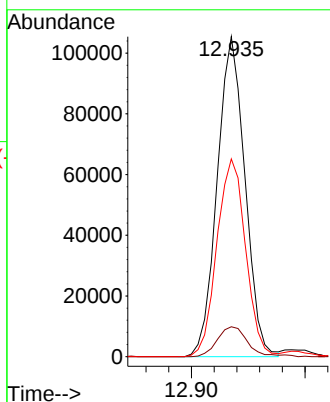
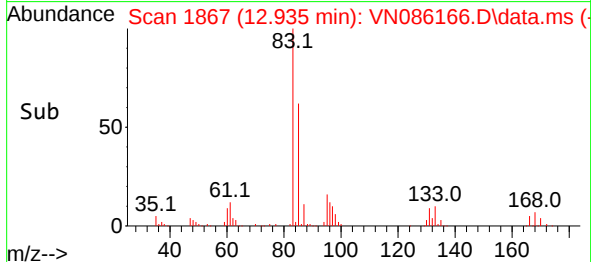
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



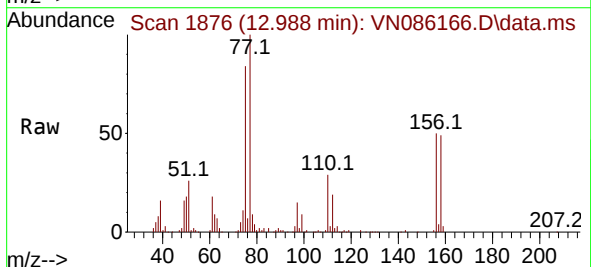
Tgt Ion: 83 Resp: 179170
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 63.7 32.6 97.8

Manual Integrations
APPROVED

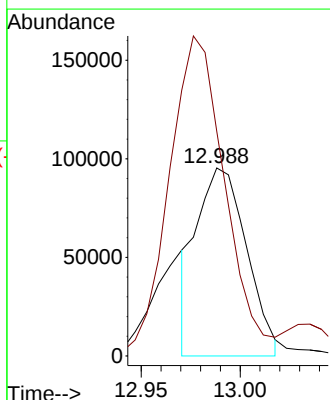
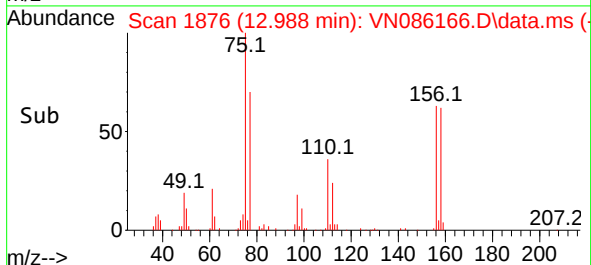
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

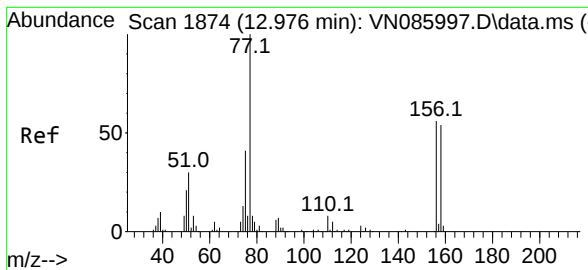


#76
1,2,3-Trichloropropane
Concen: 45.116 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



Tgt Ion: 75 Resp: 166177
Ion Ratio Lower Upper
75 100
77 191.3 83.7 251.0





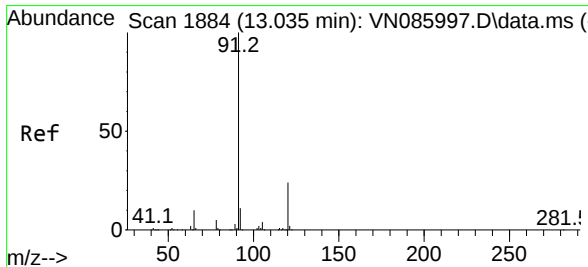
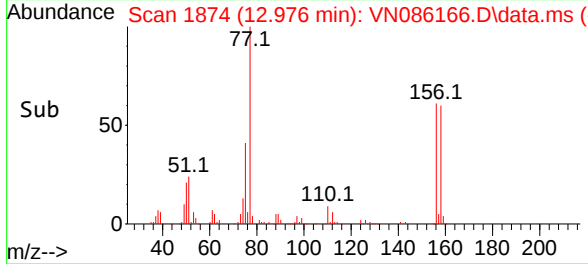
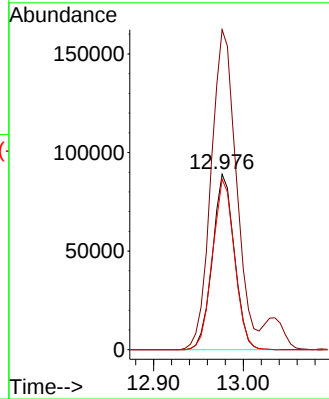
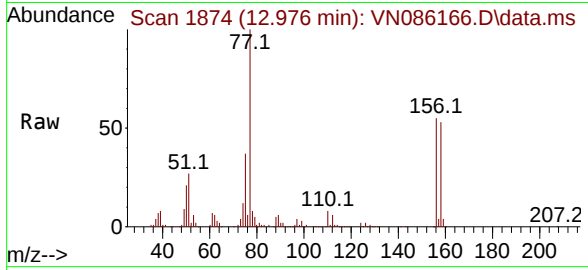
#77
Bromobenzene
Concen: 48.289 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 15127
Ion Ratio Lower Upper
156 100
77 210.2 104.1 312.3
158 97.3 49.0 147.0

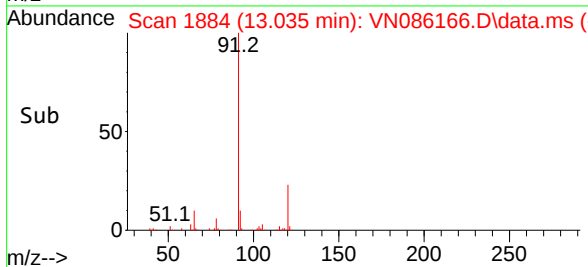
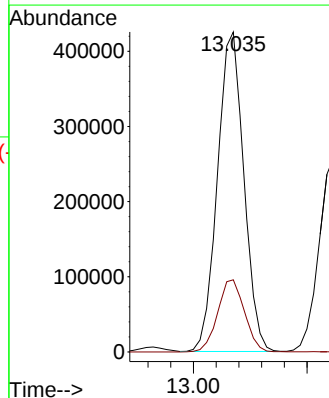
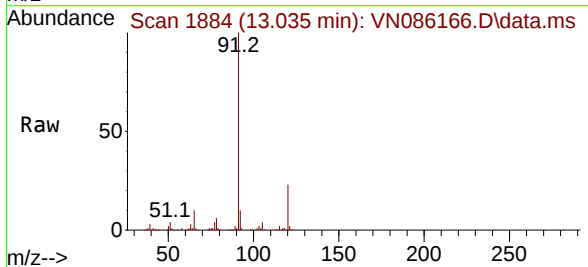
Manual Integrations
APPROVED

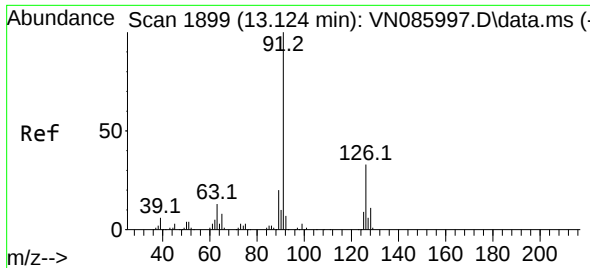
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#78
n-propylbenzene
Concen: 53.810 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 91 Resp: 684572
Ion Ratio Lower Upper
91 100
120 22.9 11.7 35.0





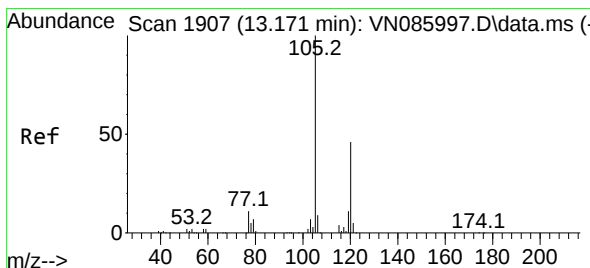
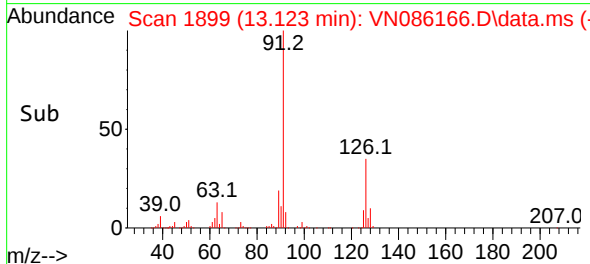
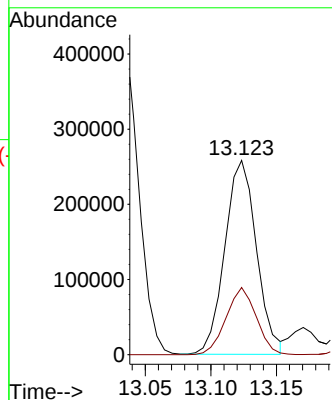
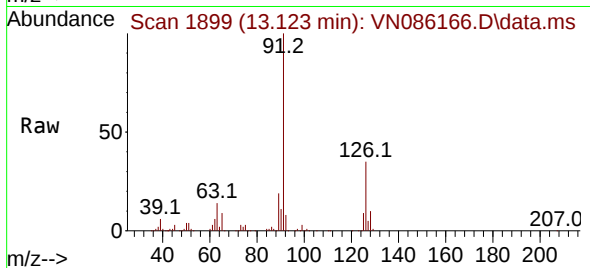
#79
2-Chlorotoluene
Concen: 51.326 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 433700
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2

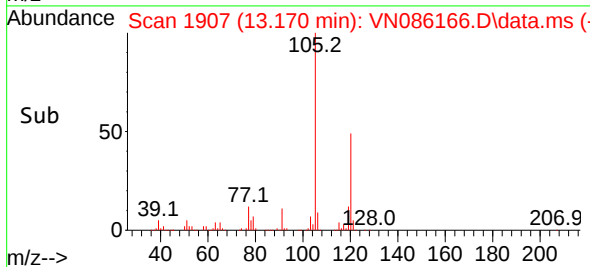
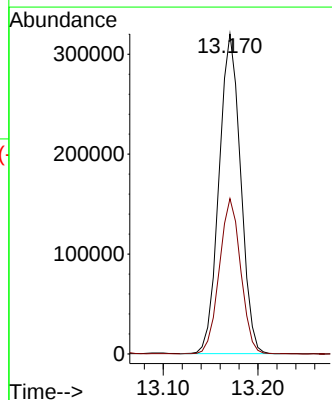
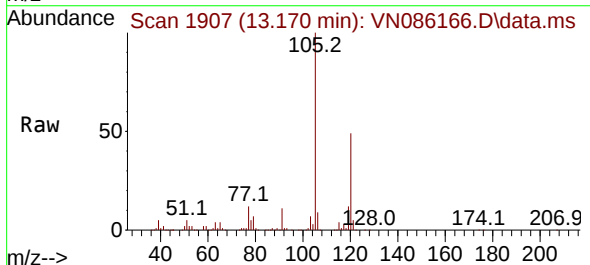
Manual Integrations
APPROVED

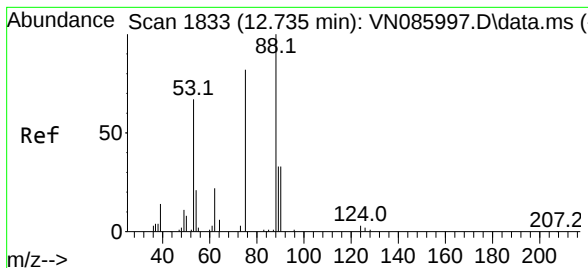
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.428 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion:105 Resp: 506789
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





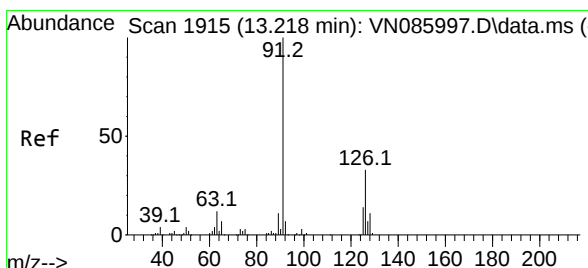
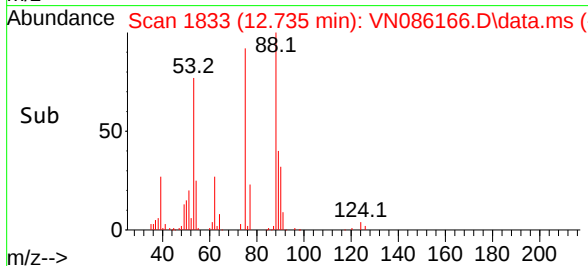
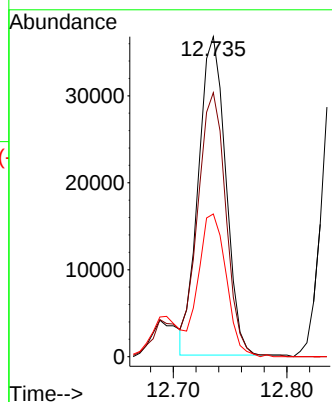
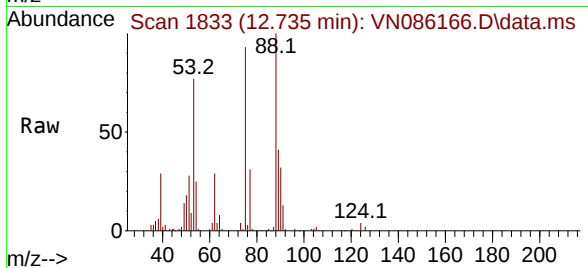
#81
trans-1,4-Dichloro-2-butene
Concen: 43.860 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 6110
Ion Ratio Lower Upper
75 100
53 85.6 66.0 99.0
89 44.9 36.9 55.3

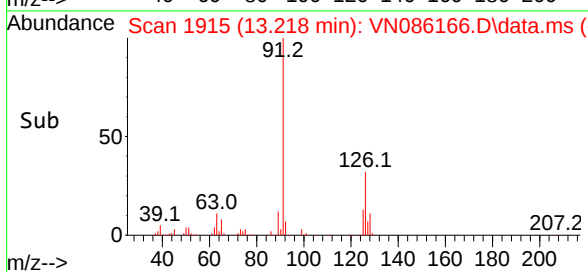
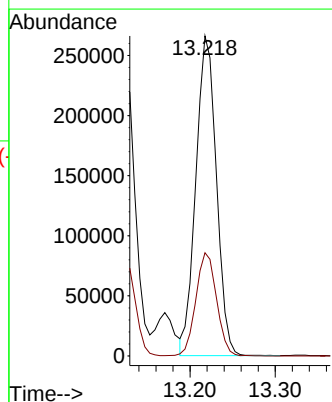
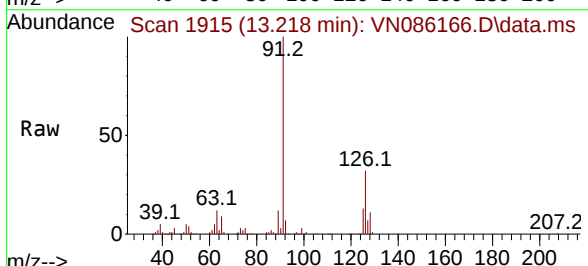
Manual Integrations
APPROVED

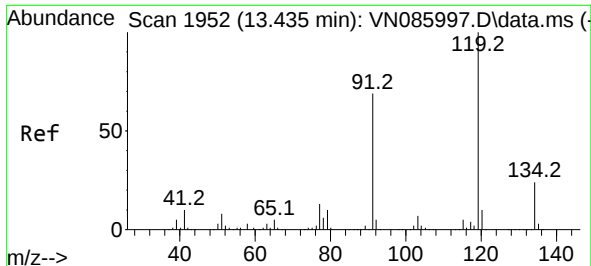
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#82
4-Chlorotoluene
Concen: 51.207 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

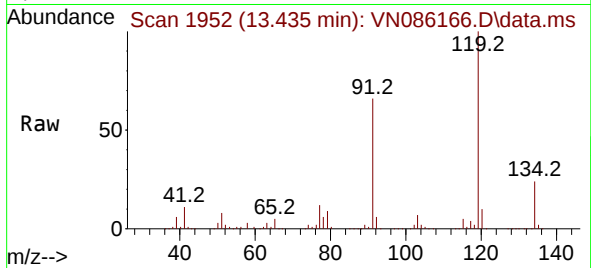
Tgt Ion: 91 Resp: 444967
Ion Ratio Lower Upper
91 100
126 32.6 16.1 48.2





#83
tert-Butylbenzene
Concen: 50.944 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

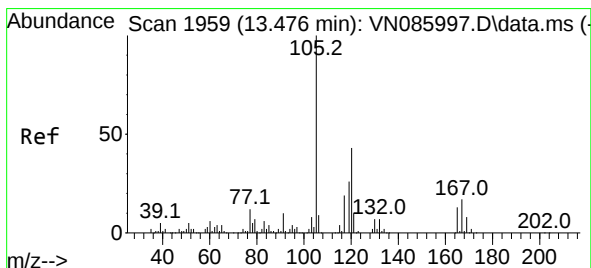
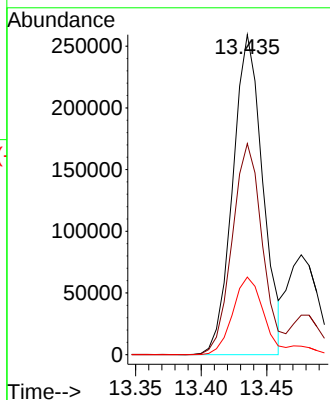
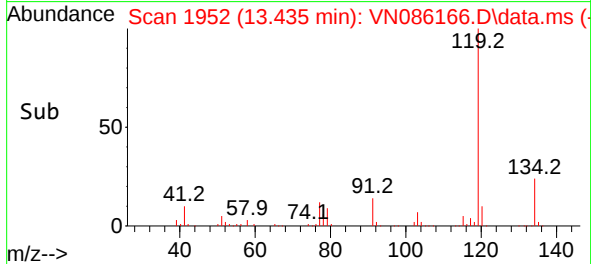
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



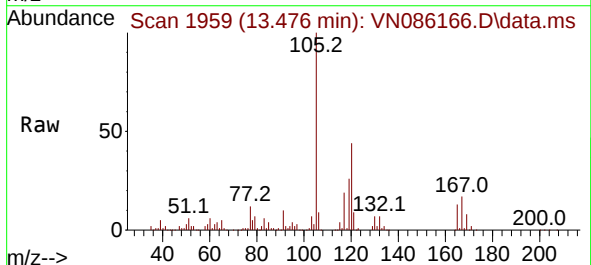
Tgt Ion:119 Resp: 41328
Ion Ratio Lower Upper
119 100
91 67.1 34.3 102.9
134 24.8 13.5 40.5

Manual Integrations
APPROVED

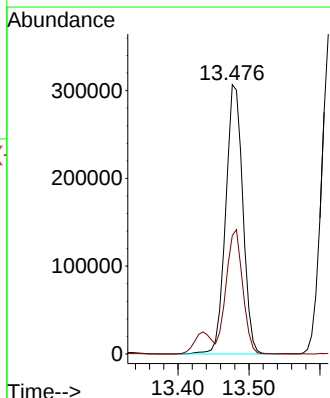
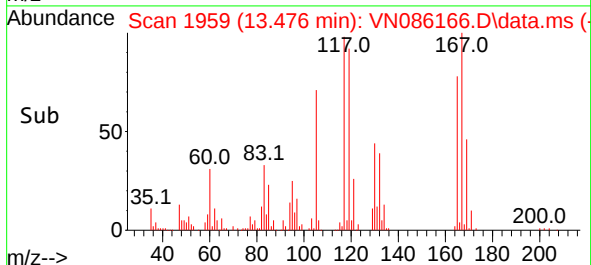
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025

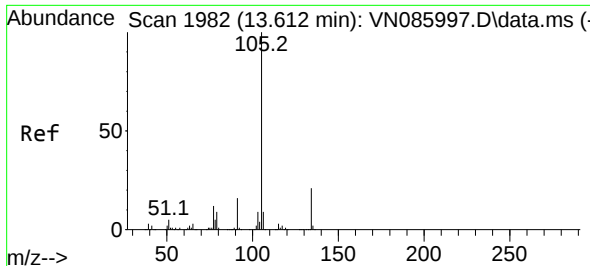


#84
1,2,4-Trimethylbenzene
Concen: 53.558 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



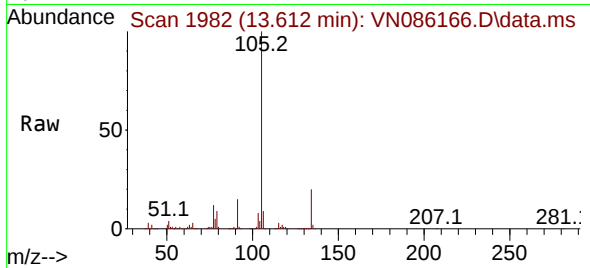
Tgt Ion:105 Resp: 512402
Ion Ratio Lower Upper
105 100
120 44.6 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 54.479 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086166.D
 Acq: 28 Mar 2025 21:30

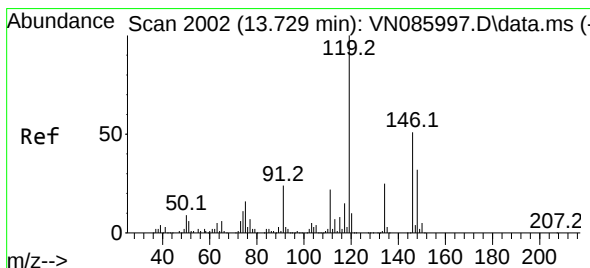
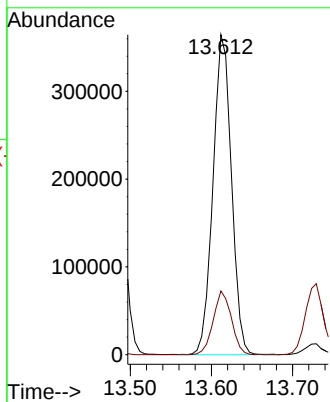
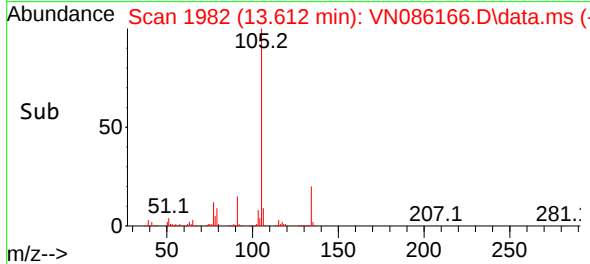
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



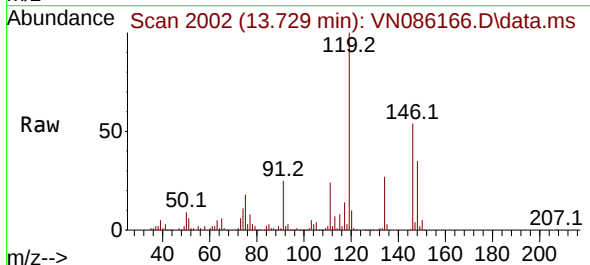
Tgt Ion:105 Resp: 57656
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1

Manual Integrations
 APPROVED

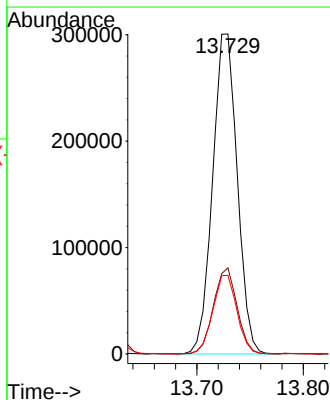
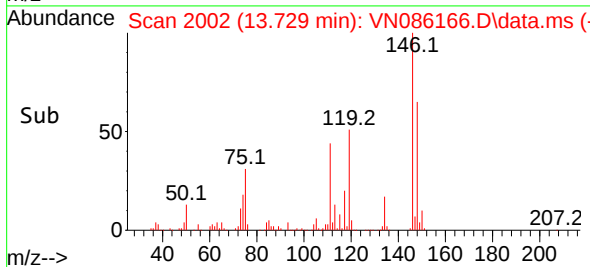
Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025

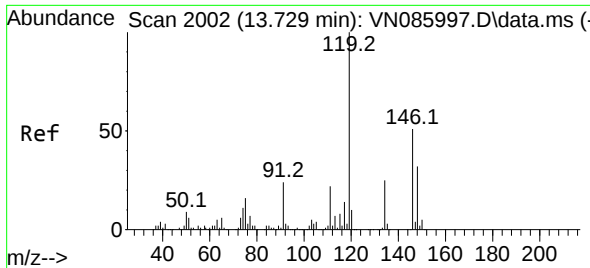


#86
 p-Isopropyltoluene
 Concen: 53.926 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086166.D
 Acq: 28 Mar 2025 21:30



Tgt Ion:119 Resp: 483106
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.9 12.3 36.8





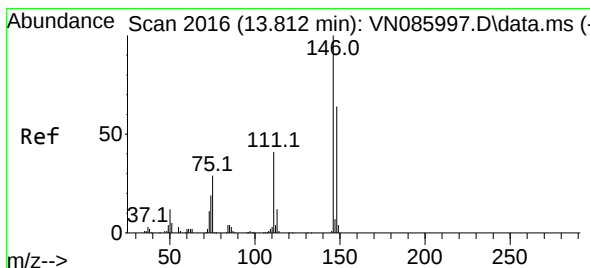
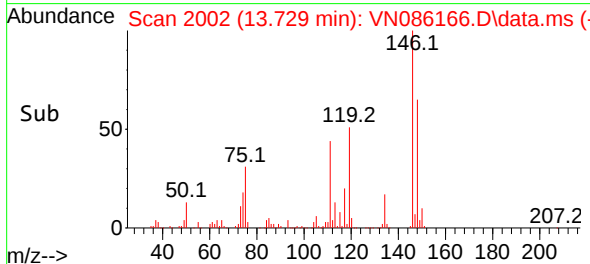
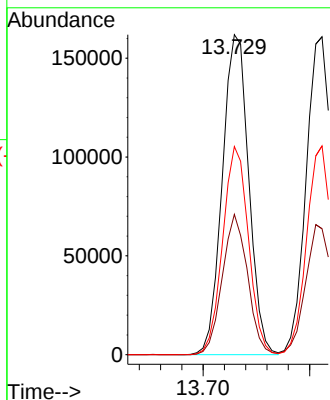
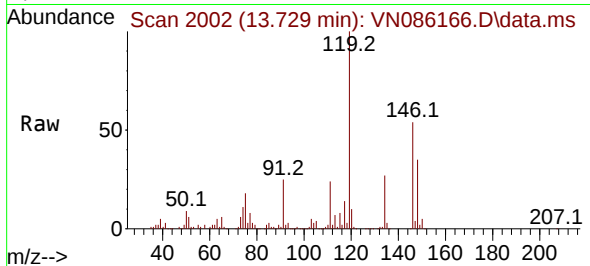
#87
1,3-Dichlorobenzene
Concen: 49.472 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 279358
Ion Ratio Lower Upper
146 100
111 41.9 21.2 63.6
148 63.3 31.8 95.4

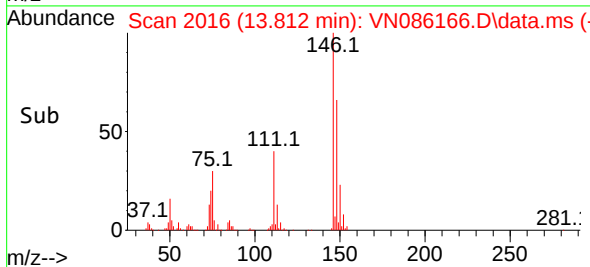
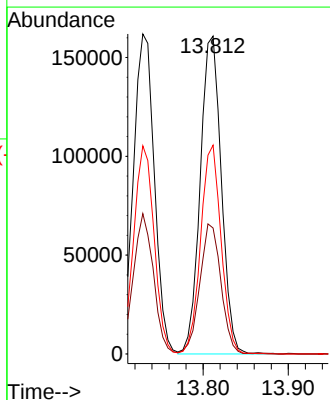
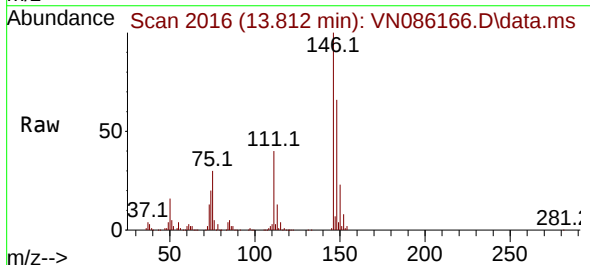
Manual Integrations
APPROVED

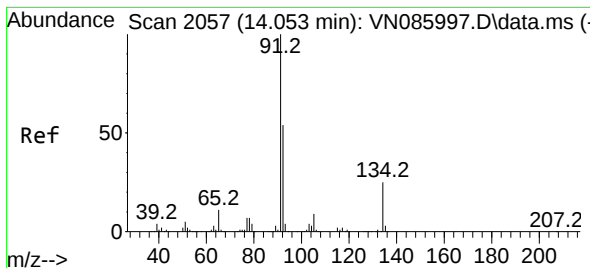
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#88
1,4-Dichlorobenzene
Concen: 46.585 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion:146 Resp: 276384
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 52.357 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

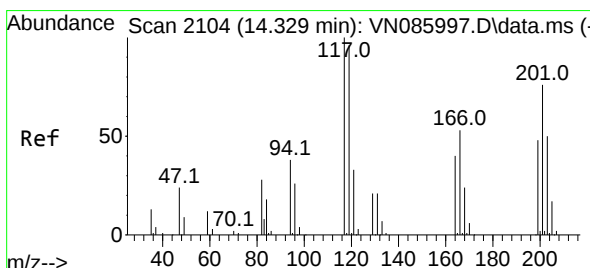
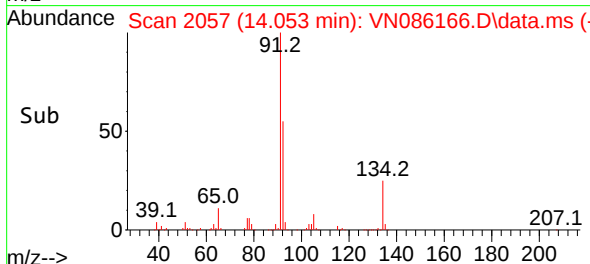
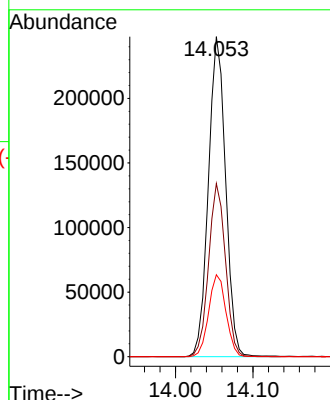
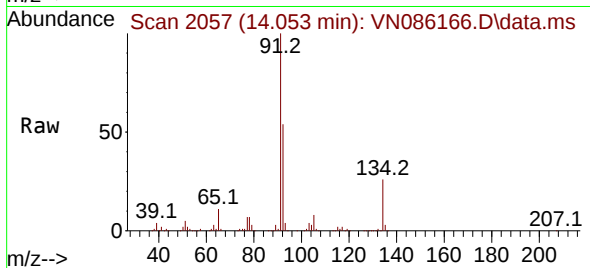
Tgt Ion:	91	Resp:	38196
Ion Ratio	Lower	Upper	
91	100		
92	53.1	26.9	80.6
134	25.7	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2025

Supervised By :Mahesh Dadoda 03/31/2025



#90

Hexachloroethane

Concen: 46.882 ug/l

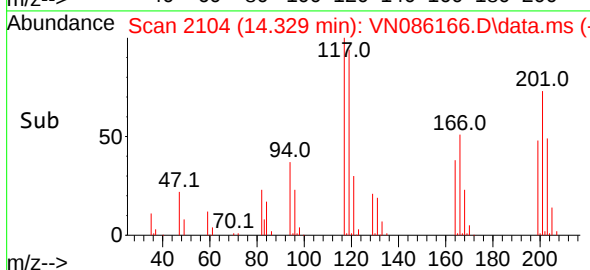
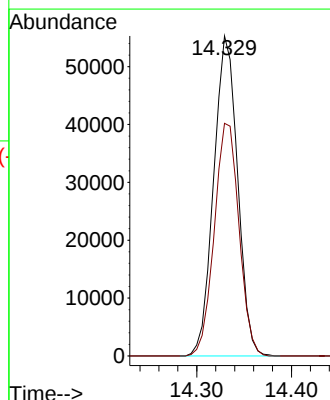
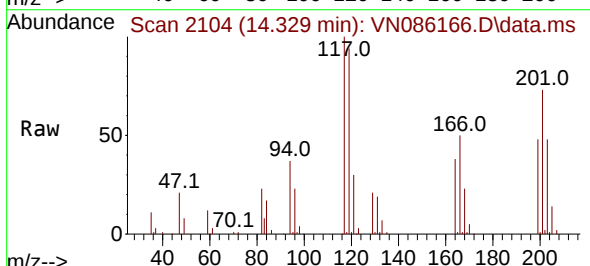
RT: 14.329 min Scan# 2104

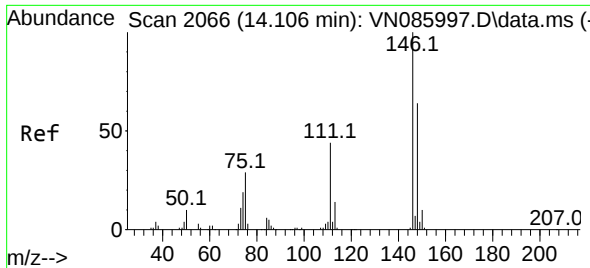
Delta R.T. -0.000 min

Lab File: VN086166.D

Acq: 28 Mar 2025 21:30

Tgt Ion:	117	Resp:	96912
Ion Ratio	Lower	Upper	
117	100		
201	75.2	39.1	117.3





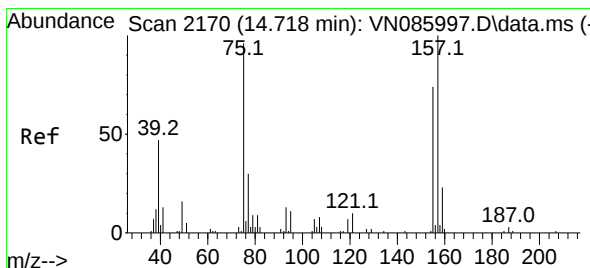
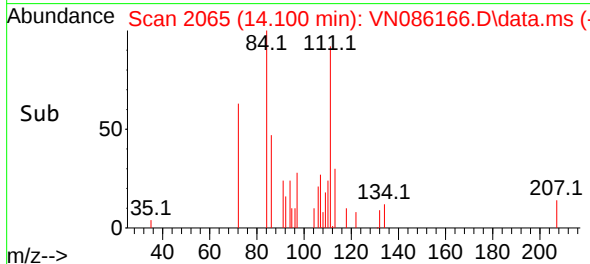
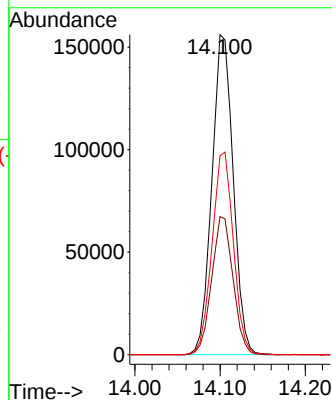
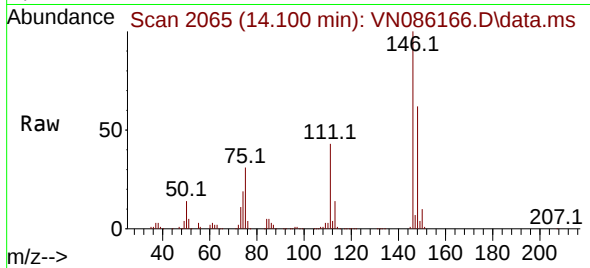
#91
1,2-Dichlorobenzene
Concen: 48.393 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 271654
Ion Ratio Lower Upper
146 100
111 43.1 22.3 66.8
148 63.5 32.1 96.5

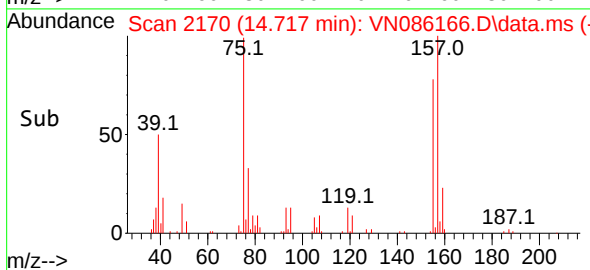
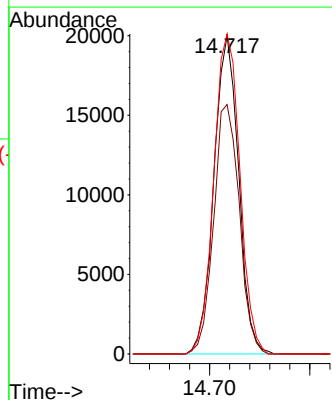
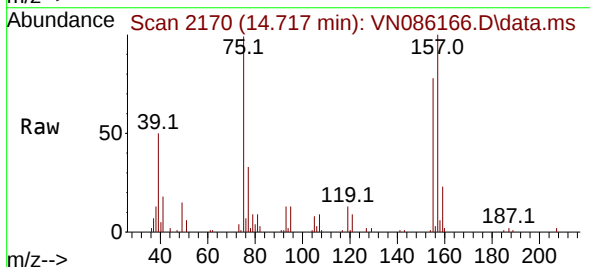
Manual Integrations
APPROVED

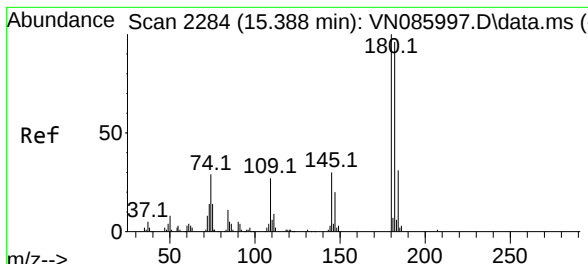
Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.144 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

Tgt Ion: 75 Resp: 34252
Ion Ratio Lower Upper
75 100
155 81.2 41.0 123.0
157 106.0 53.7 161.1





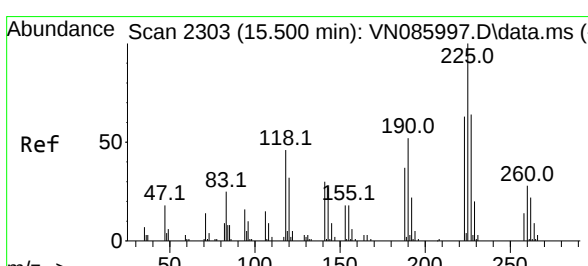
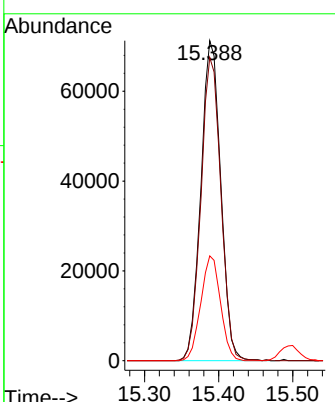
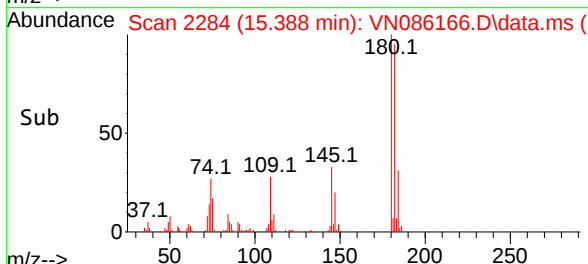
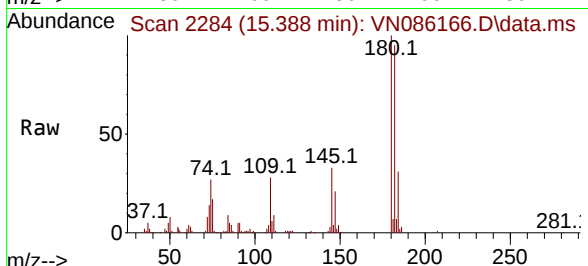
#93
 1,2,4-Trichlorobenzene
 Concen: 47.024 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086166.D
 Acq: 28 Mar 2025 21:30

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:180 Resp: 132728

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.0
145	32.5	15.5	46.5

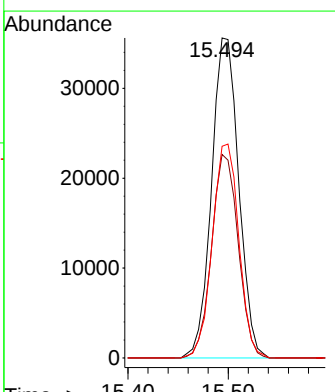
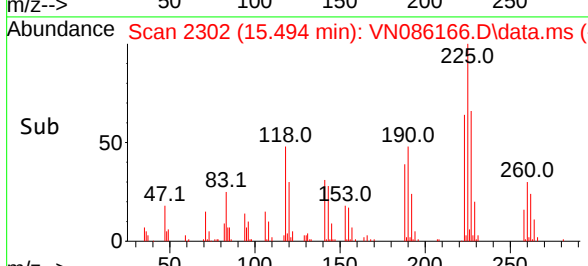
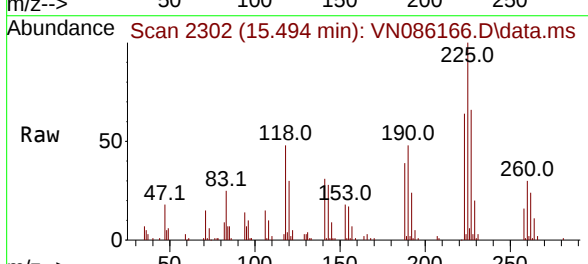
Manual Integrations
APPROVED
 Reviewed By :John Carlone 03/31/2025
 Supervised By :Mahesh Dadoda 03/31/2025

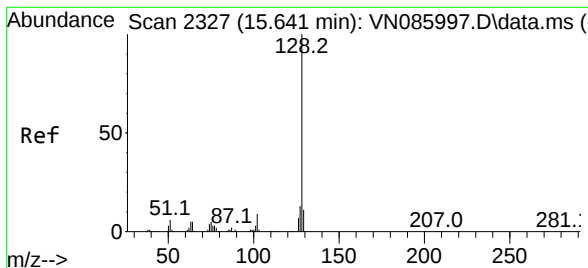


#94
 Hexachlorobutadiene
 Concen: 40.869 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086166.D
 Acq: 28 Mar 2025 21:30

Tgt Ion:225 Resp: 66925

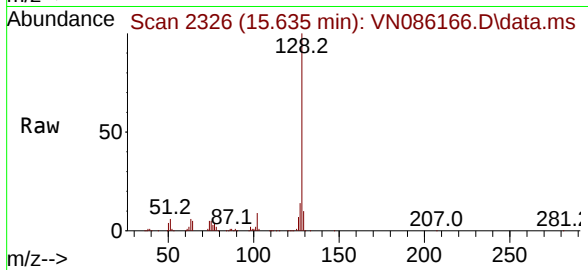
Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.3	93.9
227	65.4	32.1	96.3





#95
Naphthalene
Concen: 48.546 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30

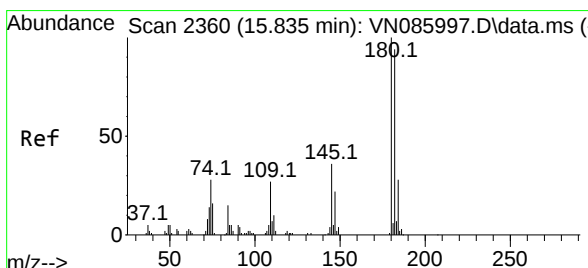
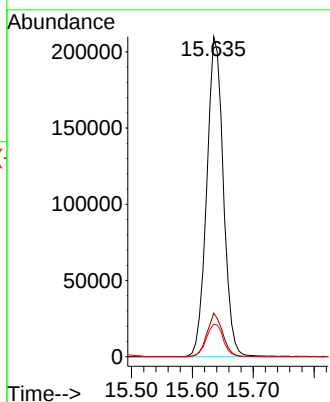
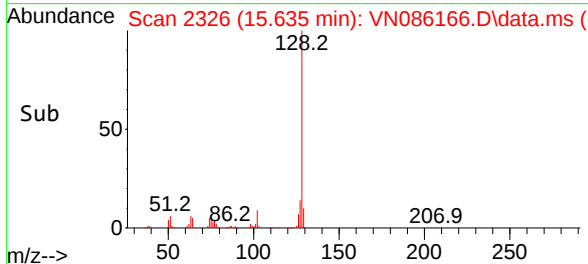
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



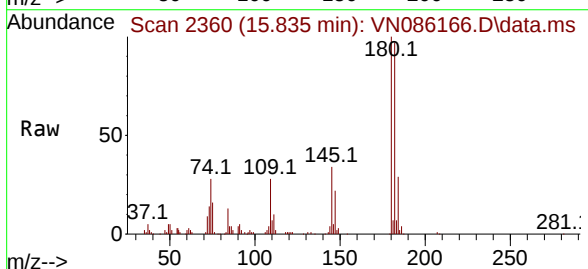
Tgt Ion:128 Resp: 396774
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.5 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2025
Supervised By :Mahesh Dadoda 03/31/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.424 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086166.D
Acq: 28 Mar 2025 21:30



Tgt Ion:180 Resp: 132370
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 33.5 17.7 53.1

