

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086678.D
 Acq On : 19 May 2025 10:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:13:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	218324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	387311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	340061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140733	46.649	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.300%		
35) Dibromofluoromethane	8.165	113	113837	49.353	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.700%		
50) Toluene-d8	10.565	98	476759	49.877	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.847	95	168980	50.066	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	136525	57.905	ug/l	97
3) Chloromethane	2.359	50	177395	49.744	ug/l	99
4) Vinyl Chloride	2.512	62	165267	51.602	ug/l	98
5) Bromomethane	2.953	94	86355	46.772	ug/l	97
6) Chloroethane	3.118	64	102298	48.758	ug/l	96
7) Trichlorofluoromethane	3.500	101	199352	52.085	ug/l	96
8) Diethyl Ether	3.959	74	83397	52.745	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	121510	53.030	ug/l	99
10) Methyl Iodide	4.589	142	140719	49.371	ug/l	98
11) Tert butyl alcohol	5.512	59	119916	218.251	ug/l	100
12) 1,1-Dichloroethene	4.342	96	125445	51.515	ug/l	99
13) Acrolein	4.177	56	146682	249.729	ug/l	99
14) Allyl chloride	5.024	41	188696	51.195	ug/l	97
15) Acrylonitrile	5.712	53	324234	238.337	ug/l	99
16) Acetone	4.418	43	275223	243.885	ug/l	97
17) Carbon Disulfide	4.712	76	357938	53.091	ug/l	100
18) Methyl Acetate	5.018	43	136135	43.101	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	426859	51.481	ug/l	99
20) Methylene Chloride	5.271	84	139264	46.765	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	131544	51.093	ug/l	95
22) Diisopropyl ether	6.665	45	428632	51.547	ug/l	98
23) Vinyl Acetate	6.600	43	1760106	281.640	ug/l	100
24) 1,1-Dichloroethane	6.565	63	244716	50.125	ug/l	100
25) 2-Butanone	7.477	43	424521	243.440	ug/l	99
26) 2,2-Dichloropropane	7.483	77	217452	53.973	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	156969	49.671	ug/l	98
28) Bromochloromethane	7.806	49	107543	48.484	ug/l	99
29) Tetrahydrofuran	7.835	42	270715	237.838	ug/l	100
30) Chloroform	7.959	83	237553	48.614	ug/l	94
31) Cyclohexane	8.253	56	220996	48.809	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	207333	50.325	ug/l	99
36) 1,1-Dichloropropene	8.365	75	179013	52.615	ug/l	99
37) Ethyl Acetate	7.553	43	163270	47.506	ug/l	100
38) Carbon Tetrachloride	8.359	117	175597	52.381	ug/l	99
39) Methylcyclohexane	9.594	83	206391	56.048	ug/l	99
40) Benzene	8.600	78	568159	51.190	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086678.D
 Acq On : 19 May 2025 10:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:13:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	94619	50.989	ug/l	97
42) 1,2-Dichloroethane	8.665	62	171184	49.506	ug/l	98
43) Isopropyl Acetate	8.682	43	292257	42.419	ug/l	97
44) Trichloroethene	9.347	130	141828	52.980	ug/l	98
45) 1,2-Dichloropropane	9.618	63	137180	52.029	ug/l	97
46) Dibromomethane	9.706	93	89941	50.554	ug/l	98
47) Bromodichloromethane	9.882	83	190522	51.974	ug/l	99
48) Methyl methacrylate	9.677	41	133859	50.138	ug/l	99
49) 1,4-Dioxane	9.694	88	50542	894.031	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	837049	240.913	ug/l	99
52) Toluene	10.623	92	356565	51.689	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	209665	54.021	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	224827	53.066	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	126830	49.287	ug/l	98
56) Ethyl methacrylate	10.871	69	216221	52.333	ug/l	99
57) 1,3-Dichloropropane	11.159	76	220930	49.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	487437	263.974	ug/l	100
59) 2-Hexanone	11.188	43	606517	239.044	ug/l	100
60) Dibromochloromethane	11.353	129	142355	52.786	ug/l	98
61) 1,2-Dibromoethane	11.465	107	129313	50.008	ug/l	99
64) Tetrachloroethene	11.100	164	142639	54.755	ug/l	97
65) Chlorobenzene	11.888	112	379483	50.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	125235	52.023	ug/l	100
67) Ethyl Benzene	11.959	91	672937	52.687	ug/l	99
68) m/p-Xylenes	12.065	106	517798	107.033	ug/l	99
69) o-Xylene	12.394	106	252810	52.564	ug/l	99
70) Styrene	12.406	104	419206	53.237	ug/l	100
71) Bromoform	12.576	173	92501	54.030	ug/l #	98
73) Isopropylbenzene	12.694	105	605663	49.109	ug/l	99
74) N-amyl acetate	12.488	43	241598	46.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	167581	44.229	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	180673m	50.028	ug/l	
77) Bromobenzene	12.976	156	145850	47.012	ug/l	99
78) n-propylbenzene	13.029	91	718136	50.739	ug/l	99
79) 2-Chlorotoluene	13.123	91	448701	48.757	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	501937	50.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	77736	54.322	ug/l	92
82) 4-Chlorotoluene	13.217	91	447160	49.045	ug/l	100
83) tert-Butylbenzene	13.435	119	430179	49.922	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	512047	52.039	ug/l	98
85) sec-Butylbenzene	13.612	105	600995	52.015	ug/l	100
86) p-Isopropyltoluene	13.723	119	515021	54.379	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	273090	50.834	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	273459	51.375	ug/l	99
89) n-Butylbenzene	14.053	91	446487	56.867	ug/l	100
90) Hexachloroethane	14.329	117	83988	53.447	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	262217	51.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32637	51.996	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	125389	58.135	ug/l	99
94) Hexachlorobutadiene	15.494	225	50262	56.167	ug/l	97
95) Naphthalene	15.635	128	406700	54.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	117100	55.439	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086678.D
Acq On : 19 May 2025 10:12
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

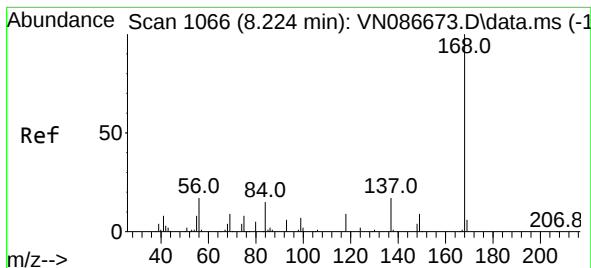
Manual Integrations
APPROVED

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

Quant Time: May 20 03:13:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 10

Delta R.T. -0.006 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 218324

Ion Ratio Lower Upper

168 100

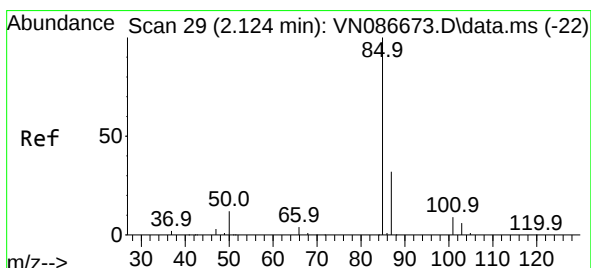
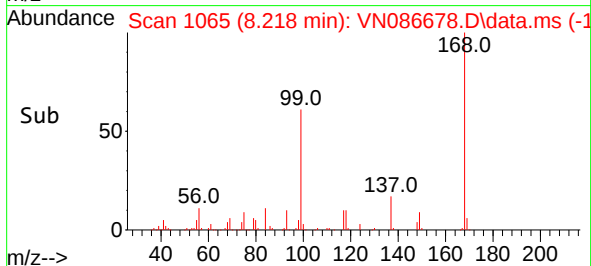
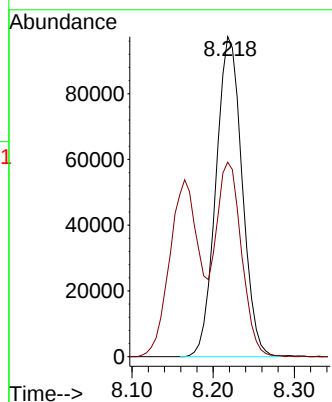
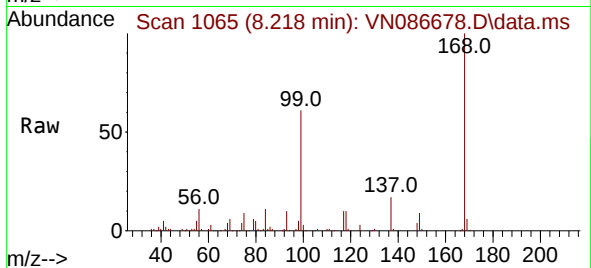
99 60.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#2

Dichlorodifluoromethane

Concen: 57.905 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN086678.D

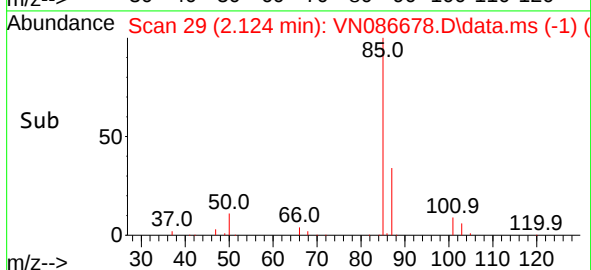
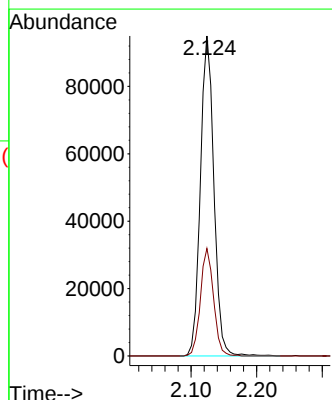
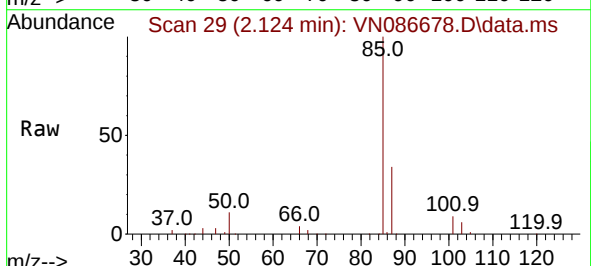
Acq: 19 May 2025 10:12

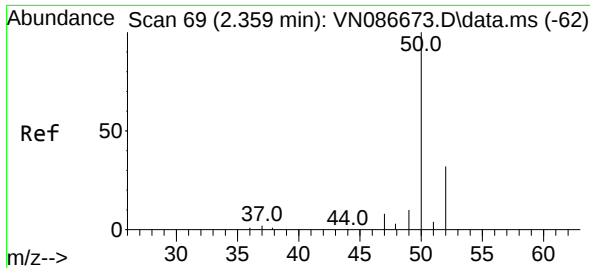
Tgt Ion: 85 Resp: 136525

Ion Ratio Lower Upper

85 100

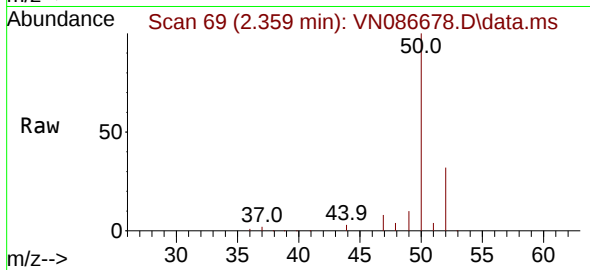
87 33.6 15.9 47.6





#3
Chloromethane
Concen: 49.744 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

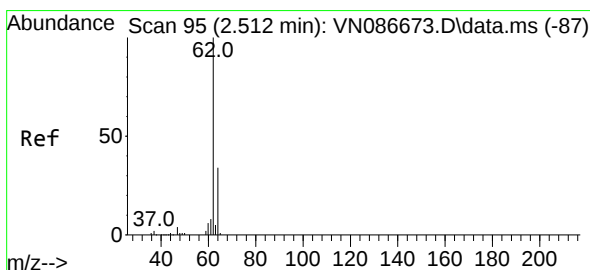
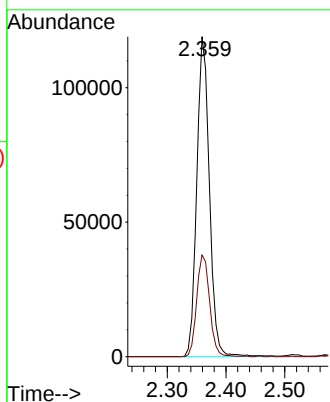
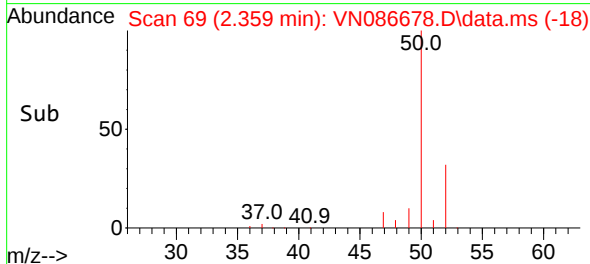
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



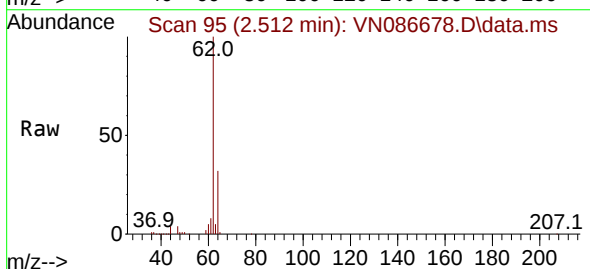
Tgt Ion: 50 Resp: 177395
Ion Ratio Lower Upper
50 100
52 31.8 25.9 38.9

Manual Integrations
APPROVED

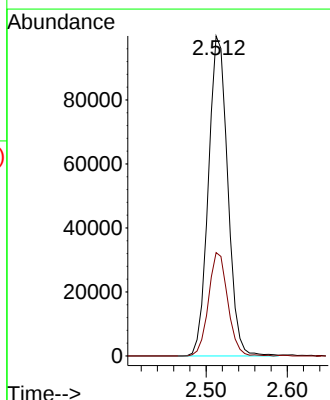
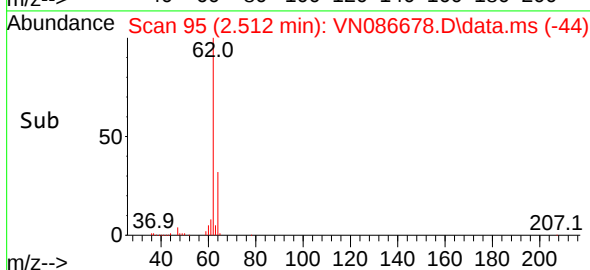
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

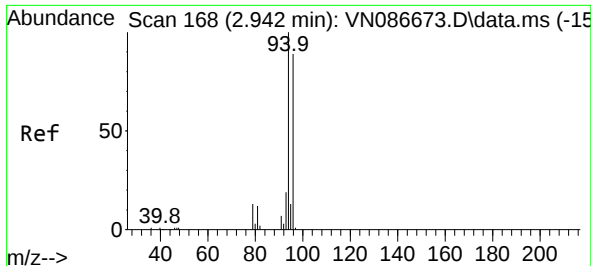


#4
Vinyl Chloride
Concen: 51.602 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



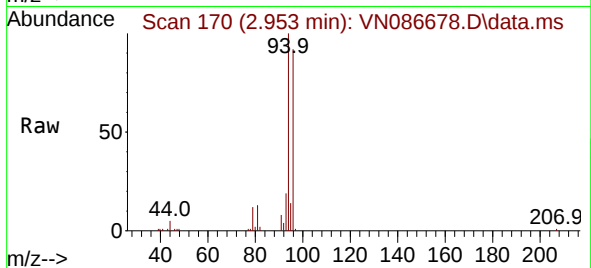
Tgt Ion: 62 Resp: 165267
Ion Ratio Lower Upper
62 100
64 32.3 26.9 40.3





#5
Bromomethane
Concen: 46.772 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

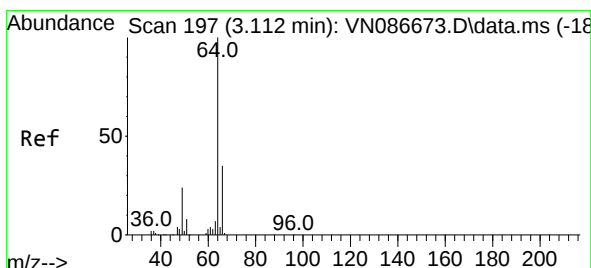
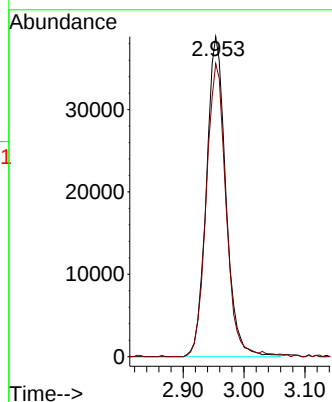
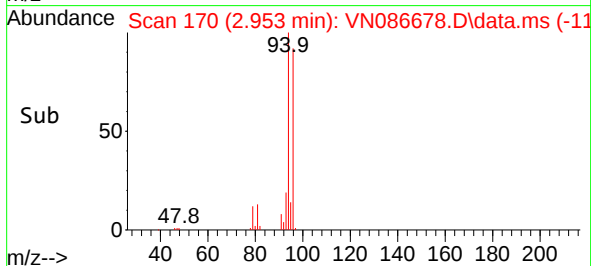
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 8635
Ion Ratio Lower Upper
94 100
96 91.6 71.2 106.8

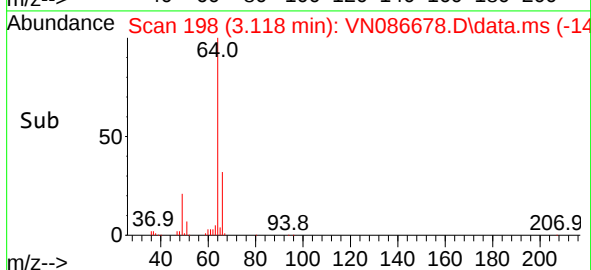
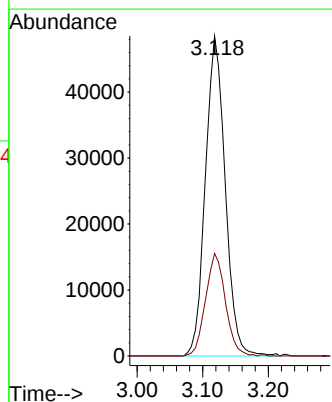
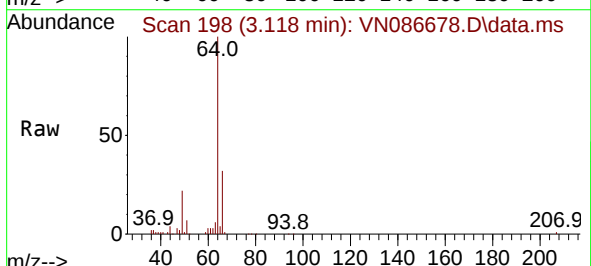
Manual Integrations
APPROVED

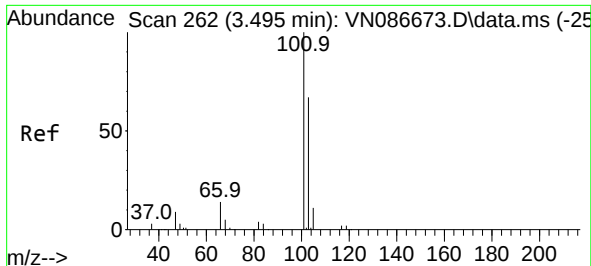
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#6
Chloroethane
Concen: 48.758 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 64 Resp: 102298
Ion Ratio Lower Upper
64 100
66 32.0 27.7 41.5





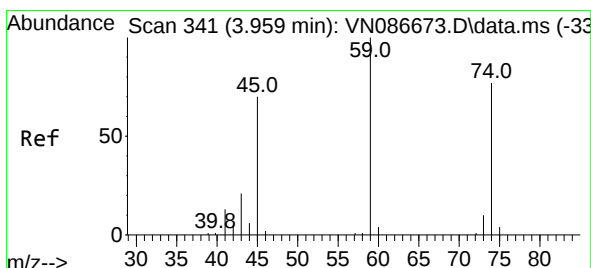
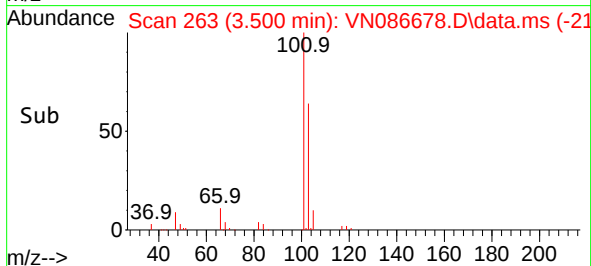
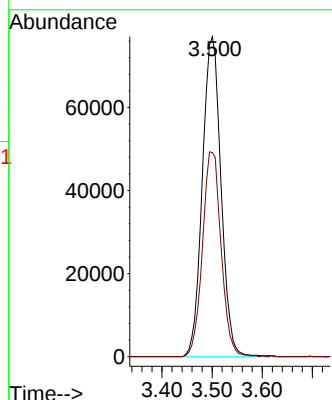
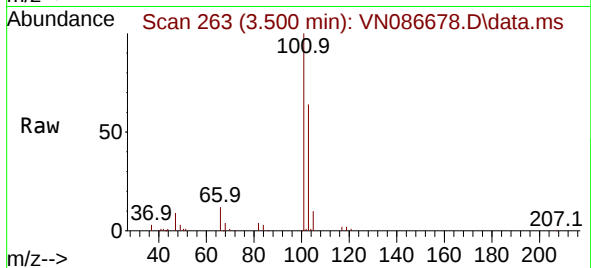
#7
Trichlorofluoromethane
Concen: 52.085 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 199352
Ion Ratio Lower Upper
101 100
103 63.8 53.4 80.0

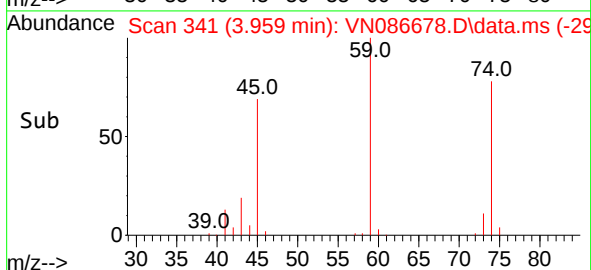
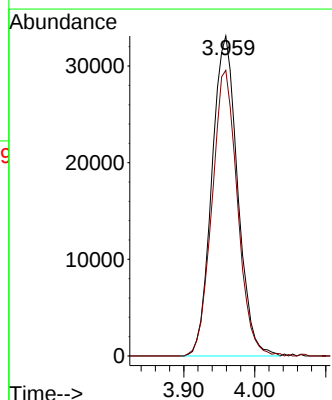
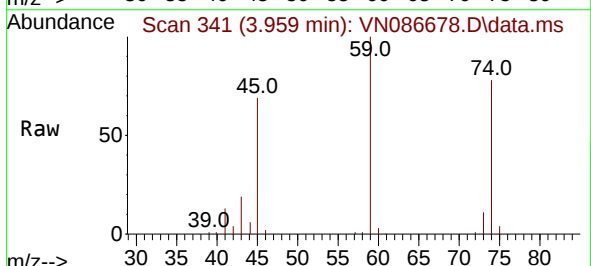
Manual Integrations
APPROVED

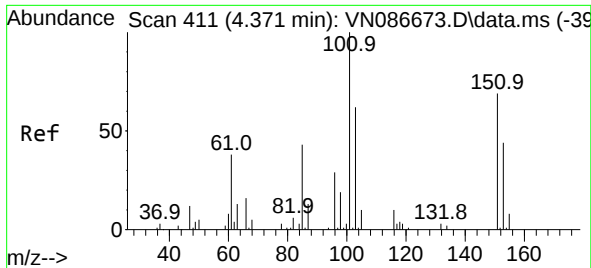
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#8
Diethyl Ether
Concen: 52.745 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 74 Resp: 83397
Ion Ratio Lower Upper
74 100
45 88.2 45.0 135.0





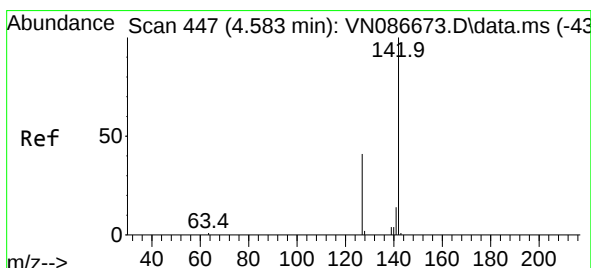
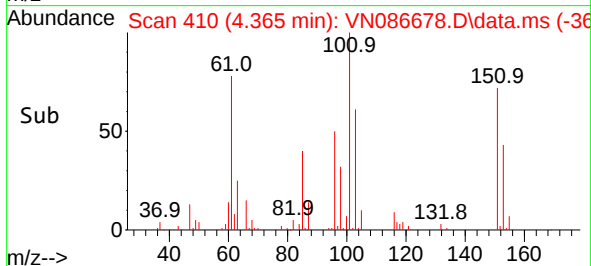
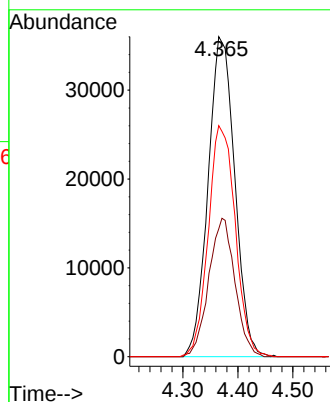
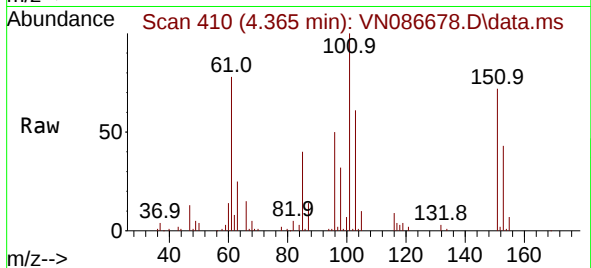
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.030 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 121510
Ion Ratio Lower Upper
101 100
85 42.4 35.0 52.6
151 73.1 58.1 87.1

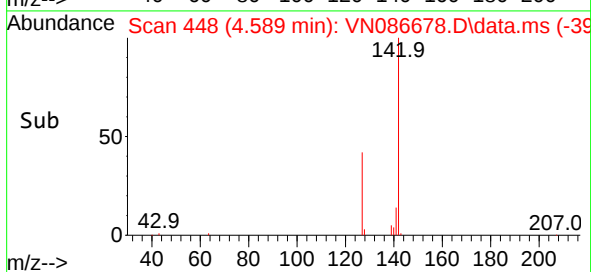
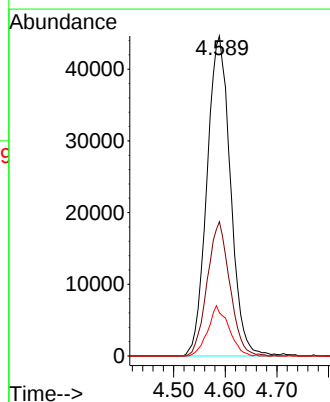
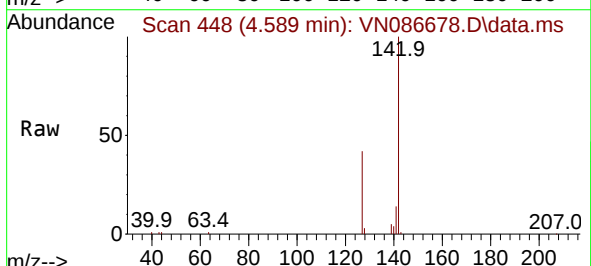
Manual Integrations
APPROVED

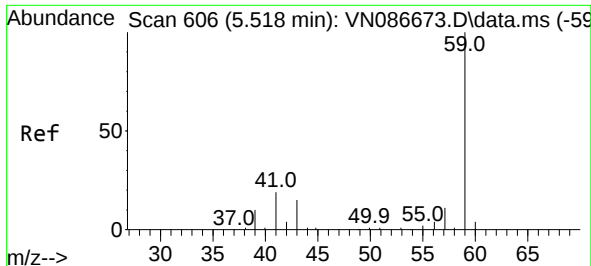
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#10
Methyl Iodide
Concen: 49.371 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

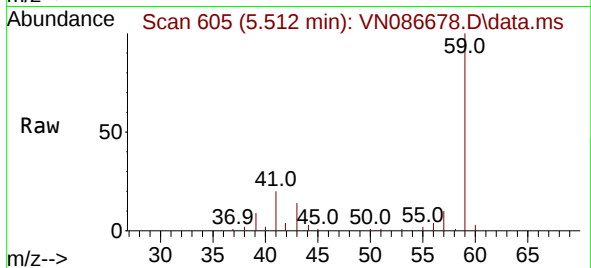
Tgt Ion:142 Resp: 140719
Ion Ratio Lower Upper
142 100
127 42.0 32.4 48.6
141 13.5 11.4 17.2





#11
Tert butyl alcohol
Concen: 218.251 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

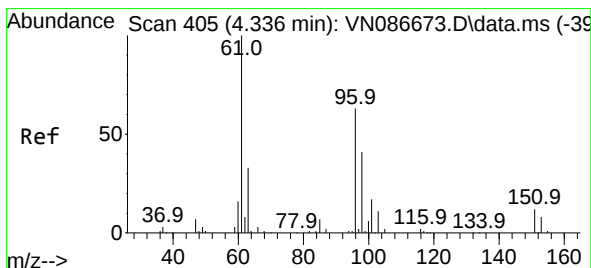
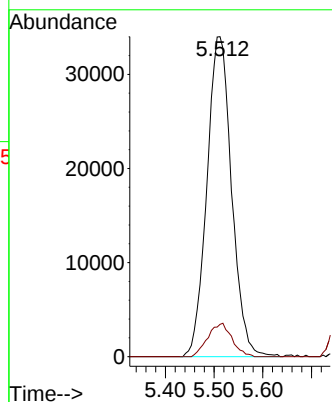
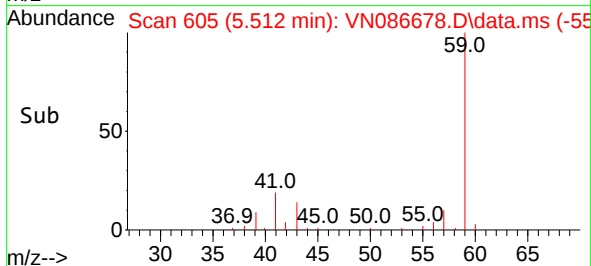
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



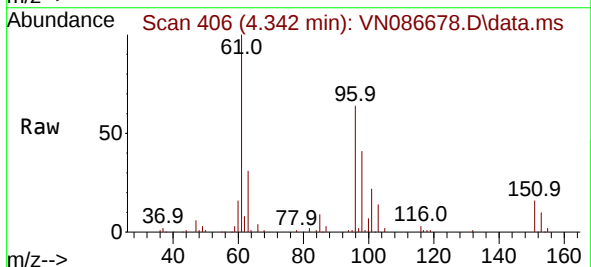
Tgt Ion: 59 Resp: 119910
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

Manual Integrations
APPROVED

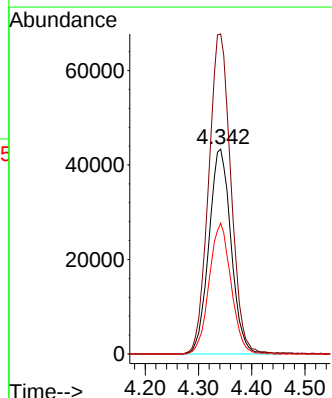
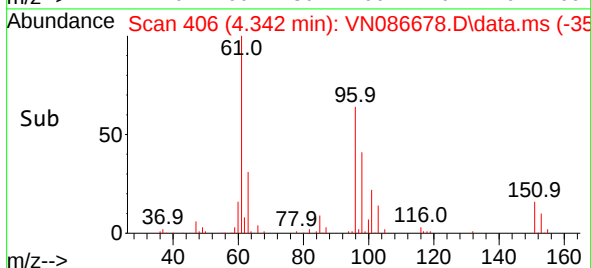
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

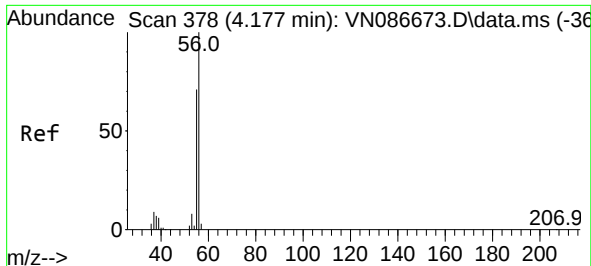


#12
1,1-Dichloroethene
Concen: 51.515 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



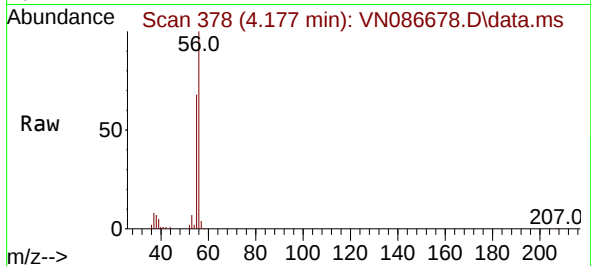
Tgt Ion: 96 Resp: 125445
Ion Ratio Lower Upper
96 100
61 156.3 126.2 189.2
98 63.8 51.5 77.3





#13
Acrolein
Concen: 249.729 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

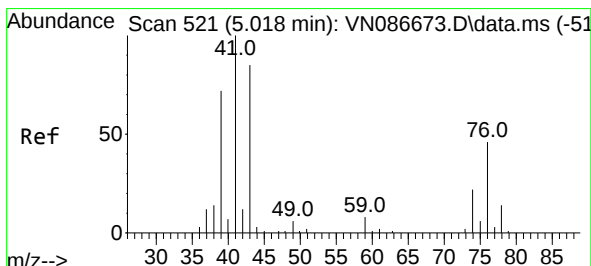
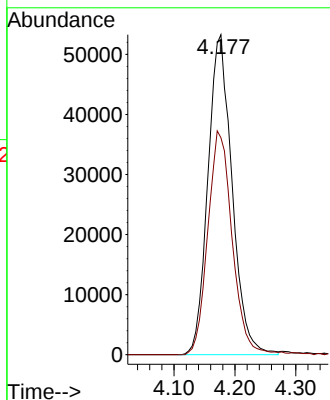
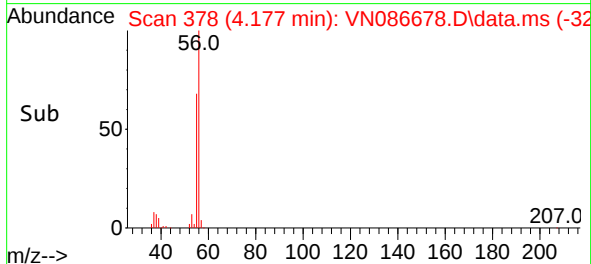
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



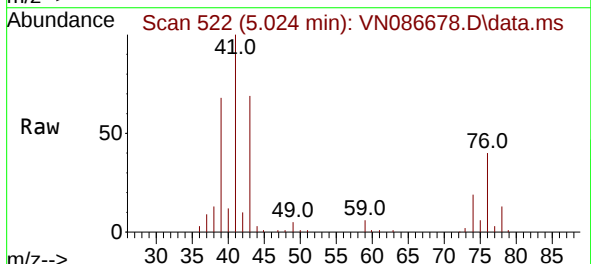
Tgt Ion: 56 Resp: 146682
Ion Ratio Lower Upper
56 100
55 70.7 55.7 83.5

Manual Integrations
APPROVED

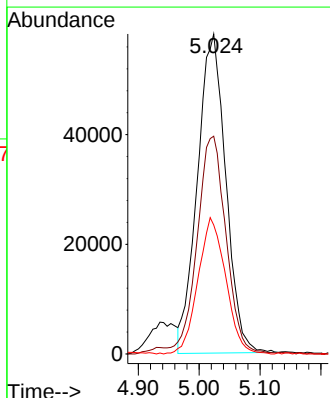
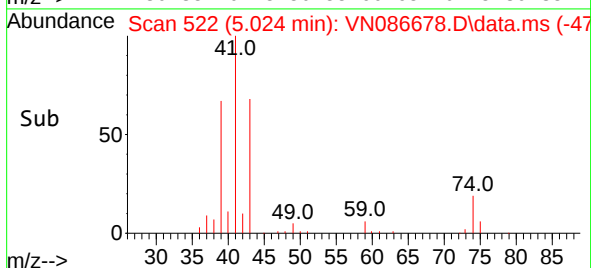
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

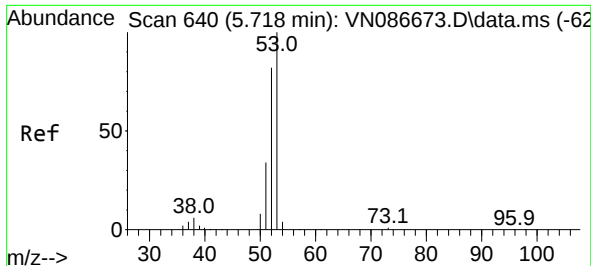


#14
Allyl chloride
Concen: 51.195 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



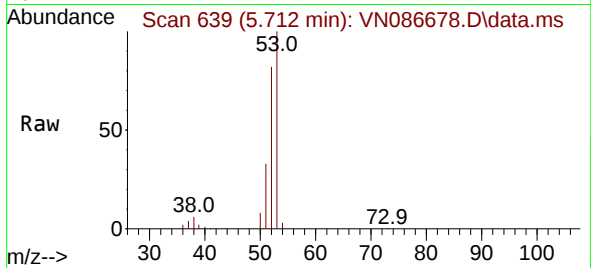
Tgt Ion: 41 Resp: 188696
Ion Ratio Lower Upper
41 100
39 68.6 57.4 86.0
76 41.8 33.2 49.8





#15
Acrylonitrile
Concen: 238.337 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

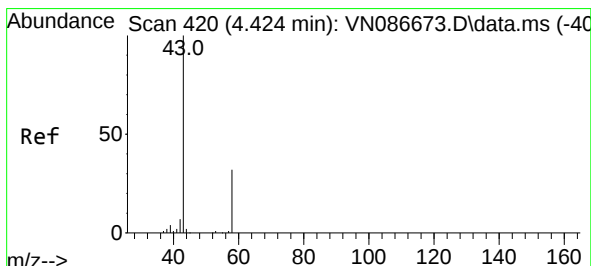
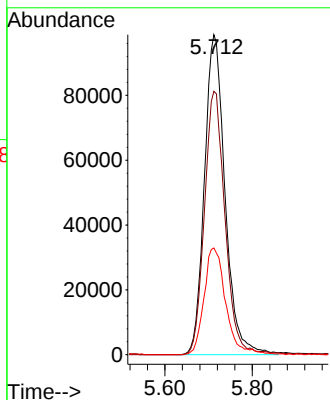
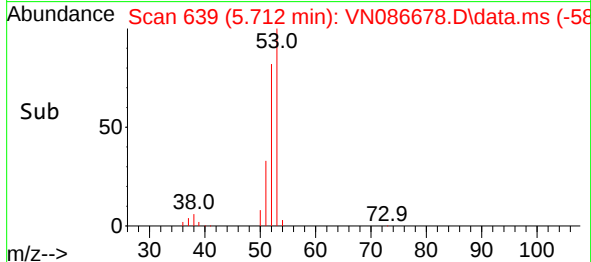
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



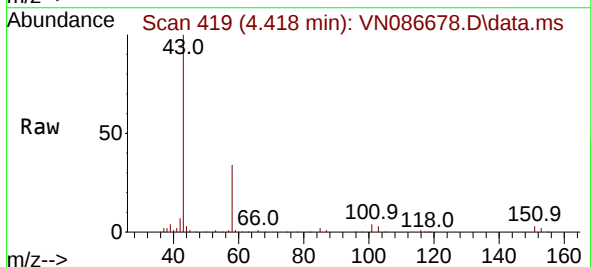
Tgt Ion: 53 Resp: 324234
Ion Ratio Lower Upper
53 100
52 82.4 65.4 98.2
51 35.1 27.9 41.9

Manual Integrations
APPROVED

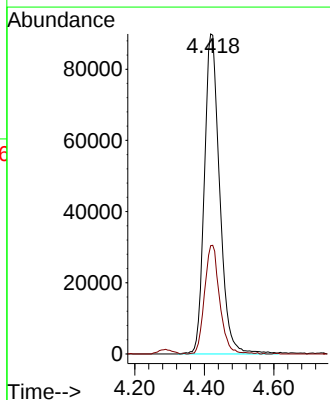
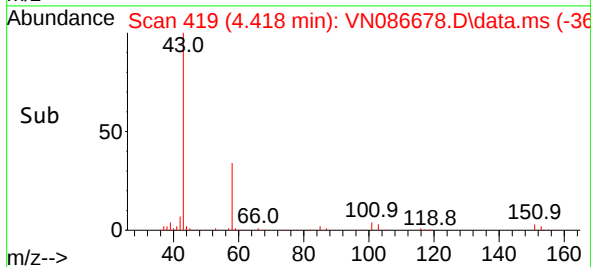
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

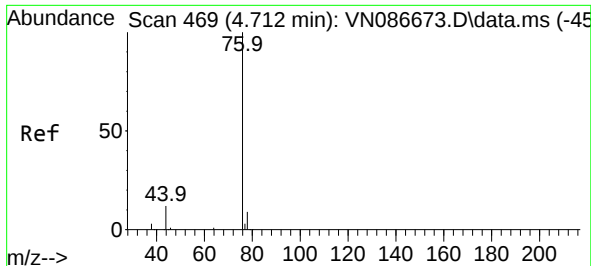


#16
Acetone
Concen: 243.885 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



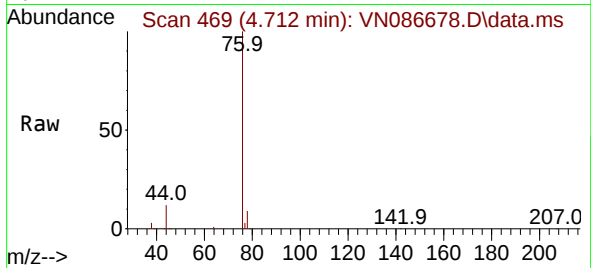
Tgt Ion: 43 Resp: 275223
Ion Ratio Lower Upper
43 100
58 33.7 25.8 38.6





#17
Carbon Disulfide
Concen: 53.091 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

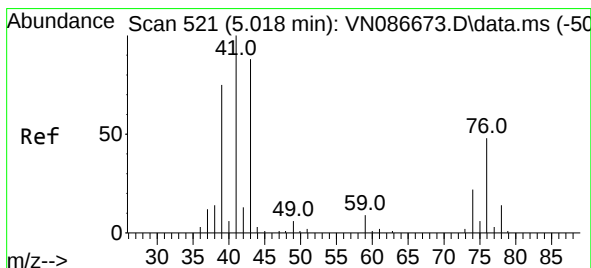
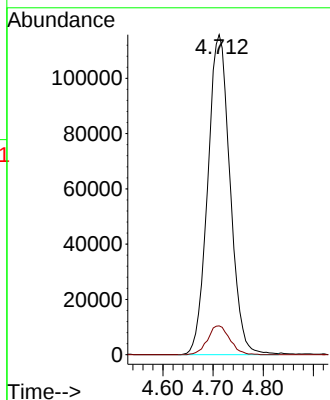
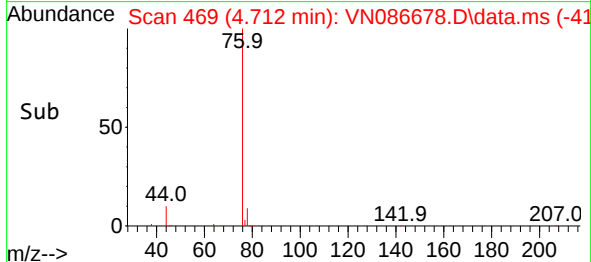
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 357938
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

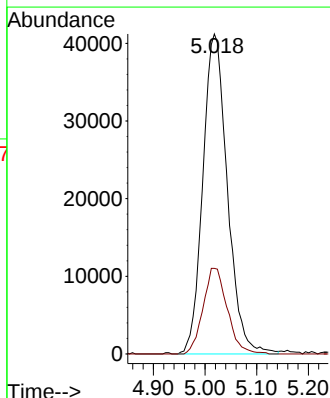
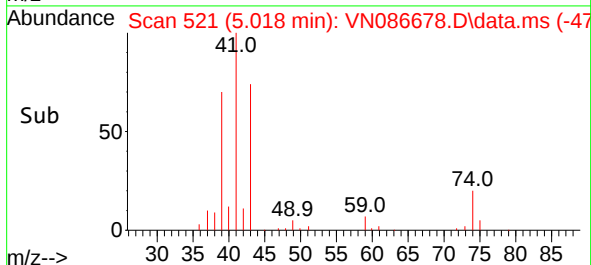
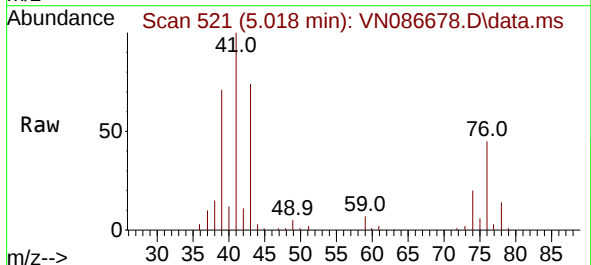
Manual Integrations
APPROVED

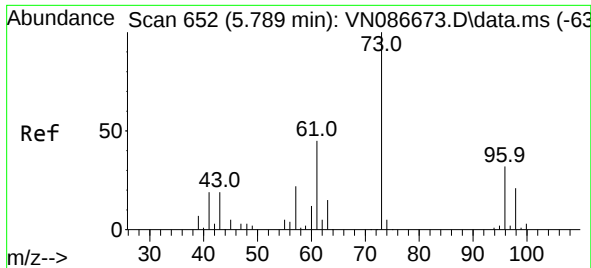
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#18
Methyl Acetate
Concen: 43.101 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

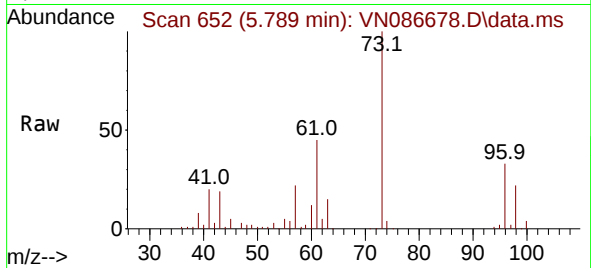
Tgt Ion: 43 Resp: 136135
Ion Ratio Lower Upper
43 100
74 26.4 20.5 30.7





#19
Methyl tert-butyl Ether
Concen: 51.481 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

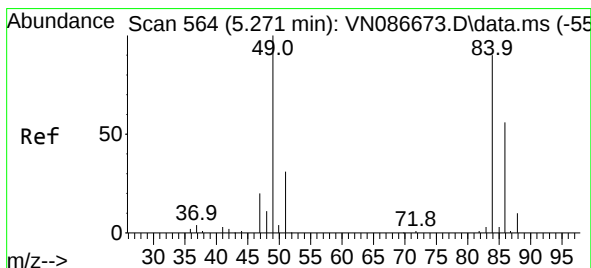
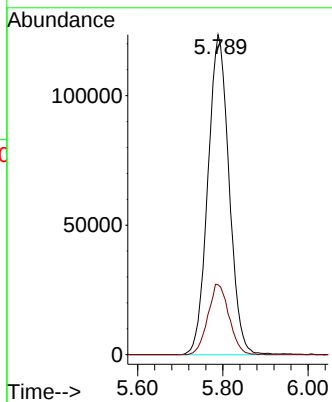
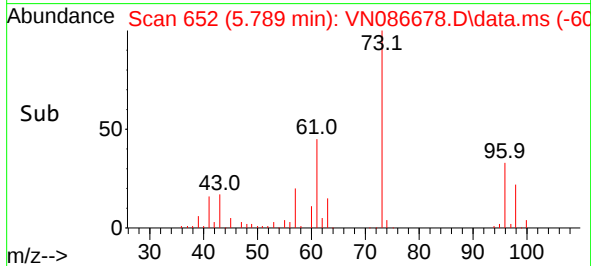
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 42685
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

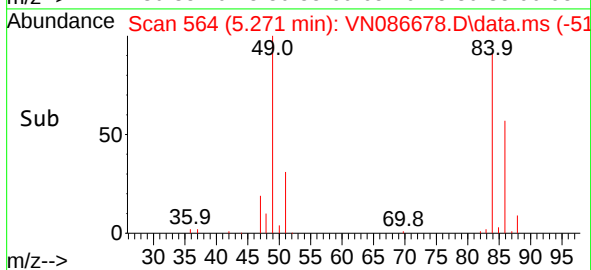
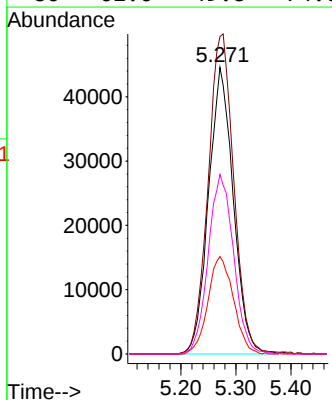
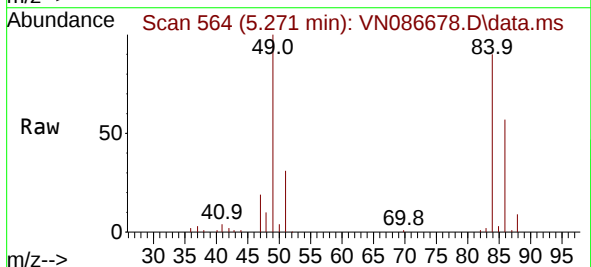
Manual Integrations
APPROVED

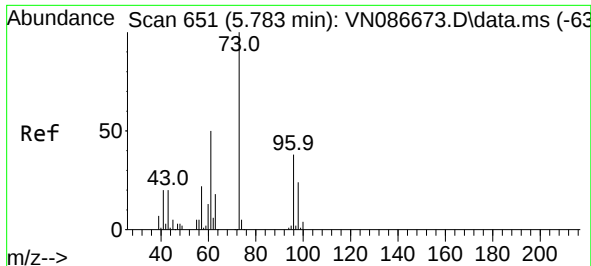
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 46.765 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

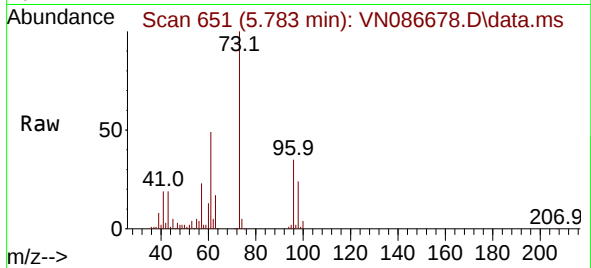
Tgt Ion: 84 Resp: 139264
Ion Ratio Lower Upper
84 100
49 110.7 88.8 133.2
51 34.0 27.8 41.6
86 62.6 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 51.093 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

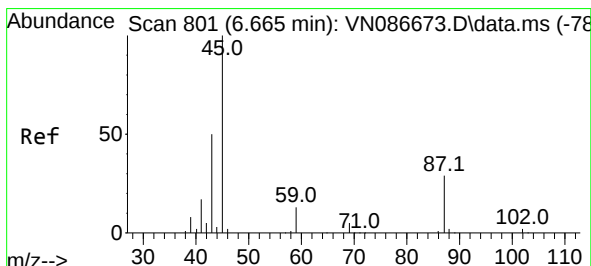
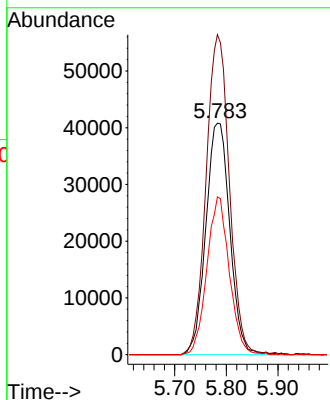
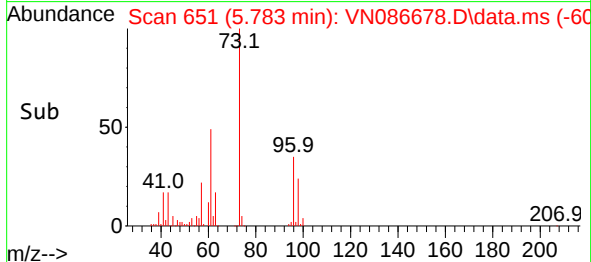
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 131544
Ion Ratio Lower Upper
96 100
61 138.2 105.7 158.5
98 68.2 51.0 76.6

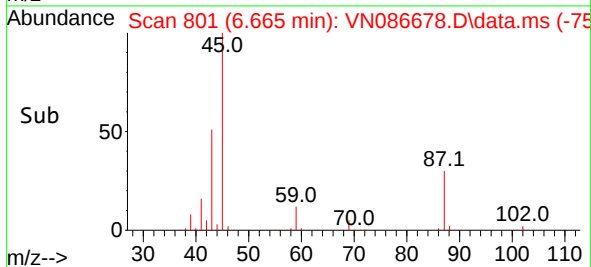
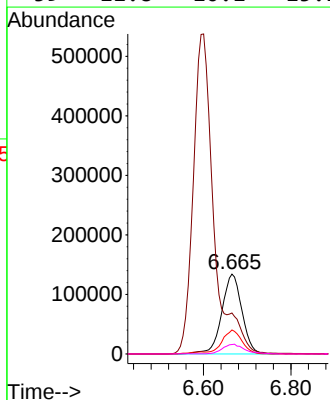
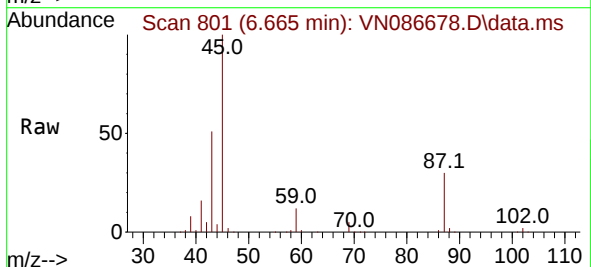
Manual Integrations
APPROVED

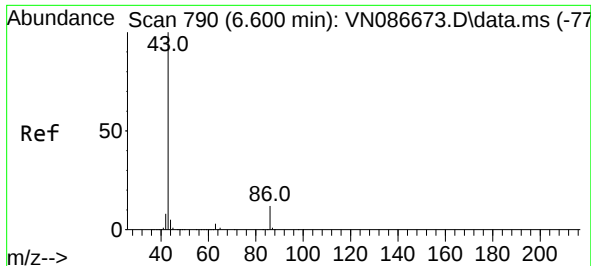
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#22
Diisopropyl ether
Concen: 51.547 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

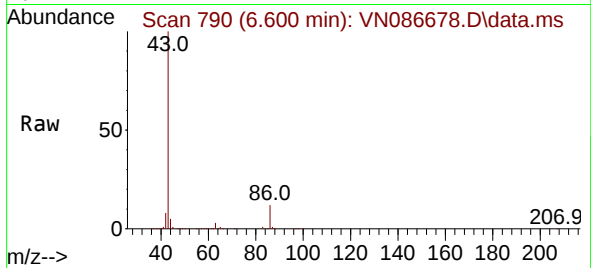
Tgt Ion: 45 Resp: 428632
Ion Ratio Lower Upper
45 100
43 50.4 41.4 62.2
87 29.9 22.9 34.3
59 11.8 10.1 15.1





#23
 Vinyl Acetate
 Concen: 281.640 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

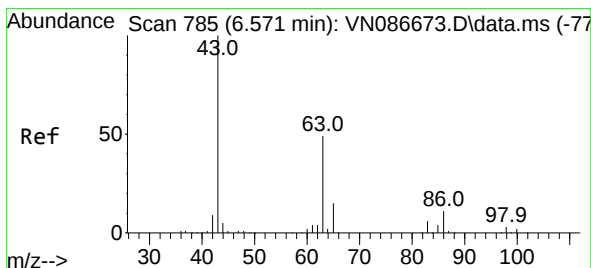
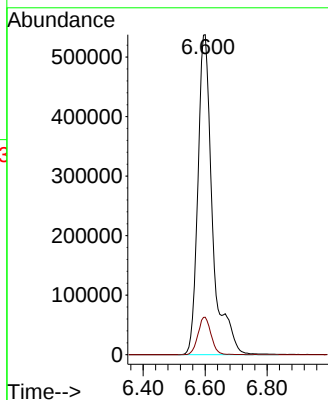
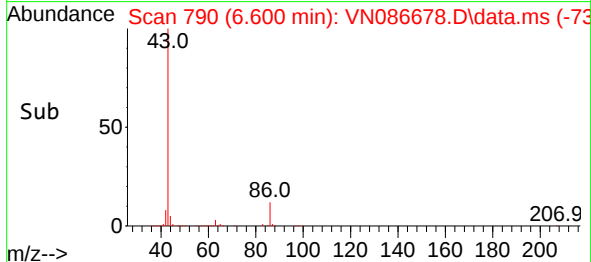
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



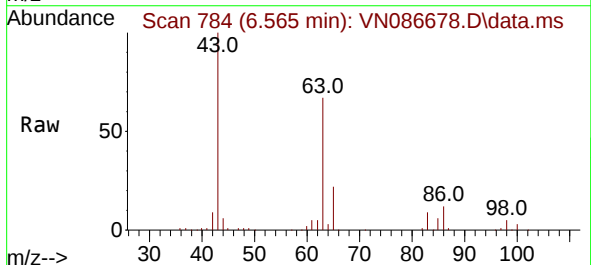
Tgt Ion: 43 Resp: 1760100
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.5 14.3

Manual Integrations
 APPROVED

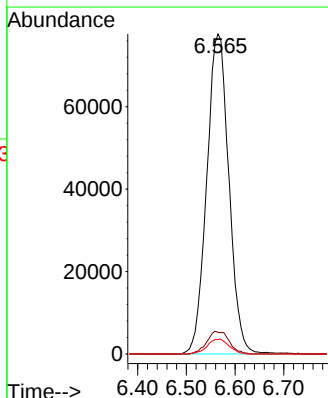
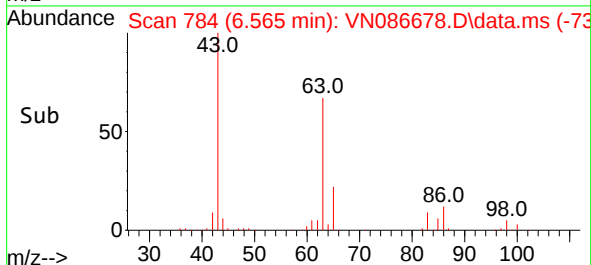
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#24
 1,1-Dichloroethane
 Concen: 50.125 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12



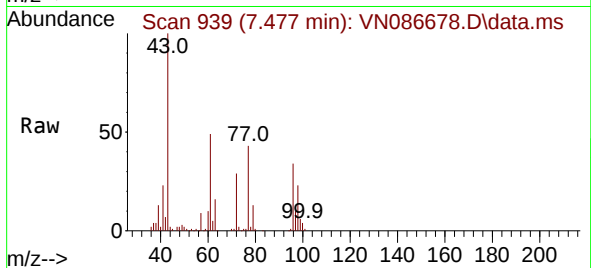
Tgt Ion: 63 Resp: 244716
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.6 2.4 7.1





#25
2-Butanone
Concen: 243.440 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

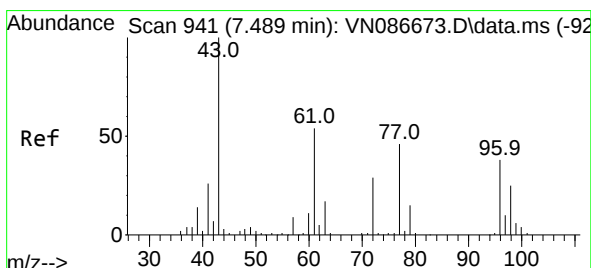
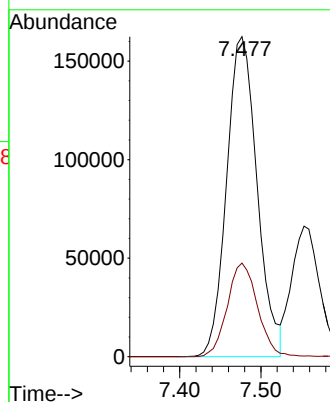
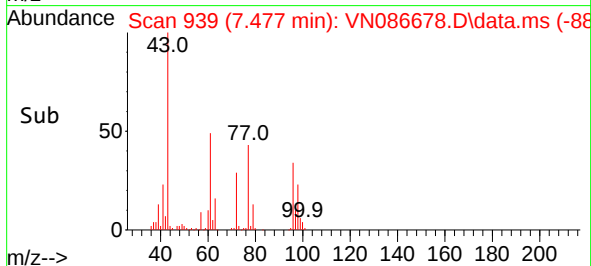
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 42452
Ion Ratio Lower Upper
43 100
72 29.3 23.1 34.7

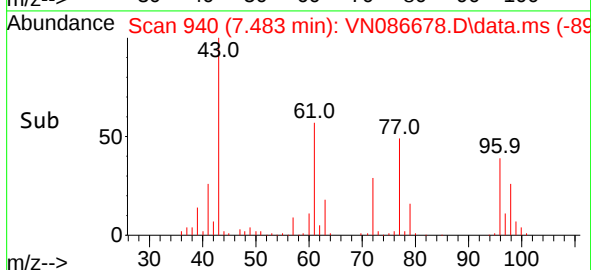
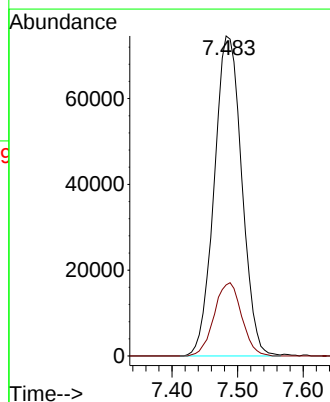
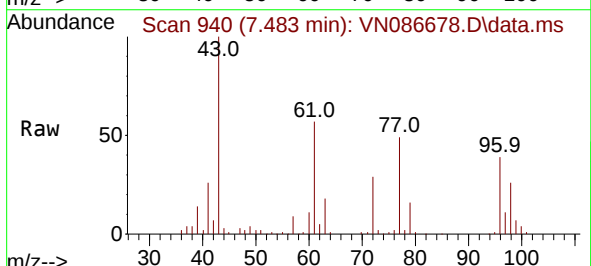
Manual Integrations
APPROVED

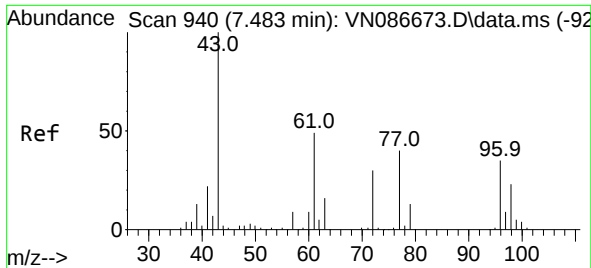
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
2,2-Dichloropropane
Concen: 53.973 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

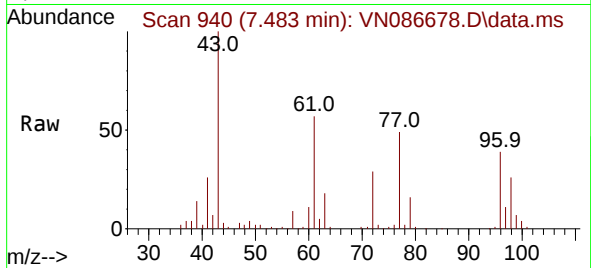
Tgt Ion: 77 Resp: 217452
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.671 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

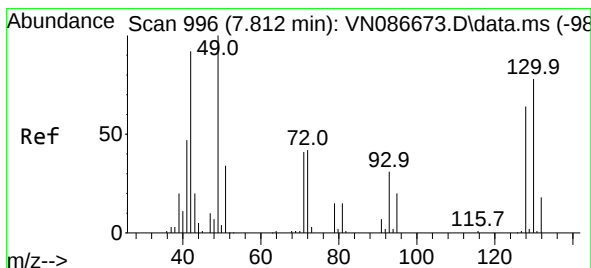
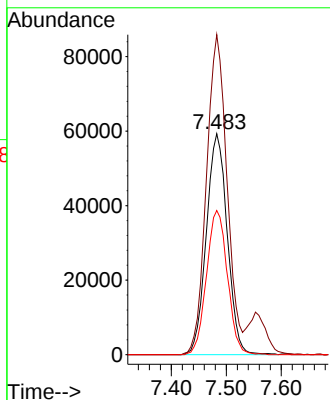
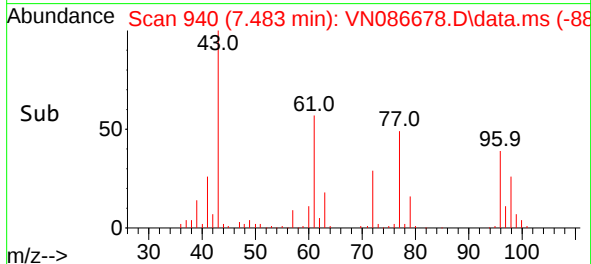
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



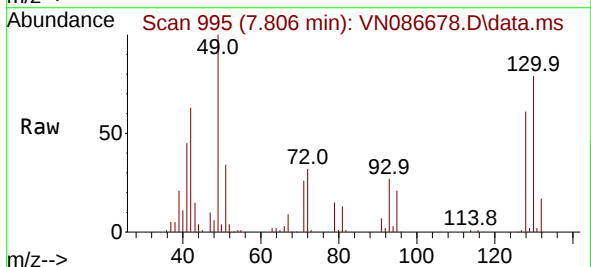
Tgt Ion: 96 Resp: 156969
 Ion Ratio Lower Upper
 96 100
 61 142.1 0.0 277.4
 98 65.3 0.0 129.6

Manual Integrations
 APPROVED

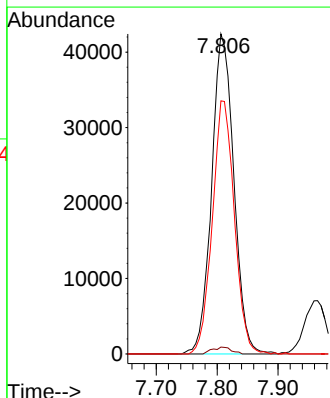
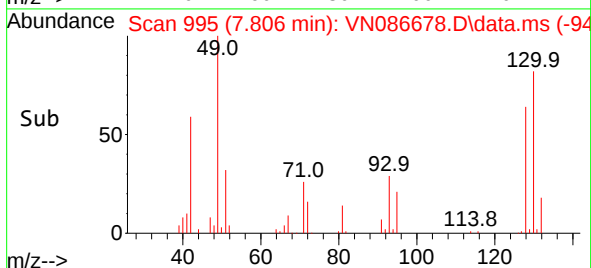
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

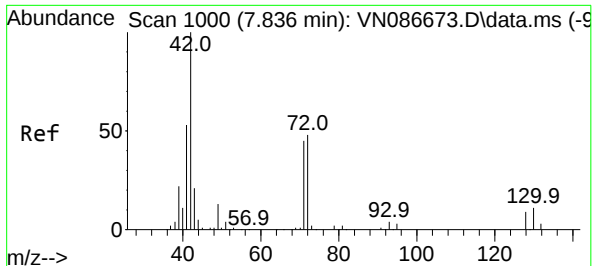


#28
 Bromochloromethane
 Concen: 48.484 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12



Tgt Ion: 49 Resp: 107543
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 78.6 62.2 93.4





#29

Tetrahydrofuran

Concen: 237.838 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 270715

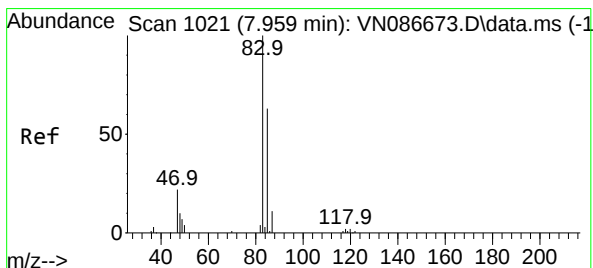
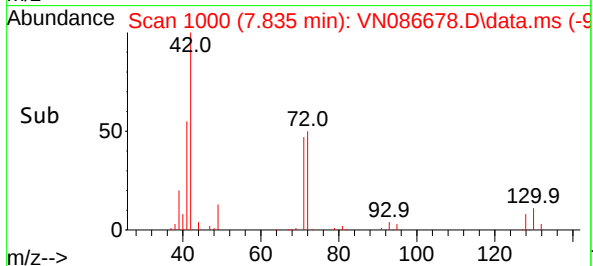
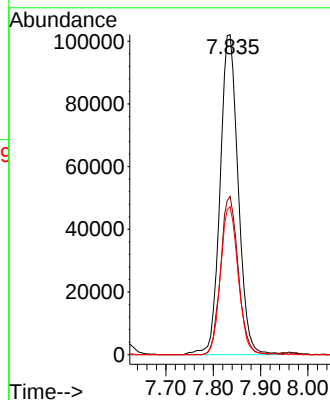
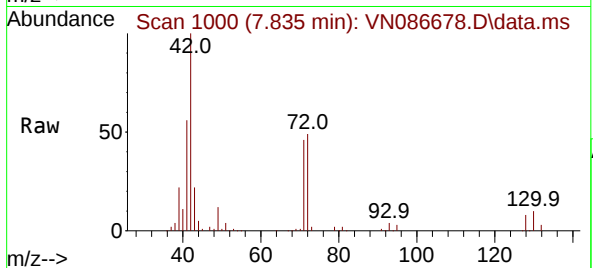
Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.7	58.1
71	45.3	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Chloroform

Concen: 48.614 ug/l

RT: 7.959 min Scan# 1021

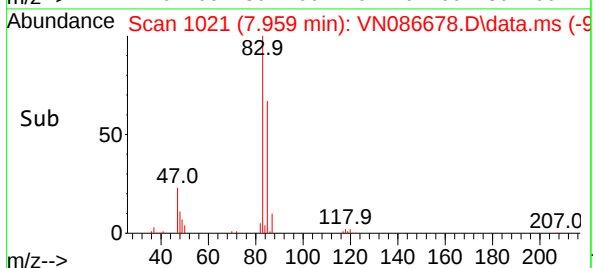
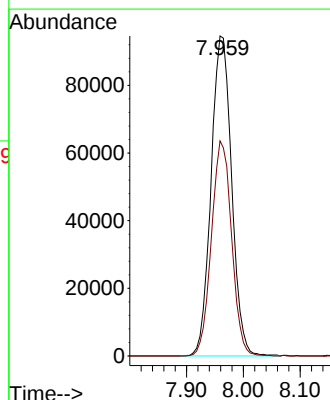
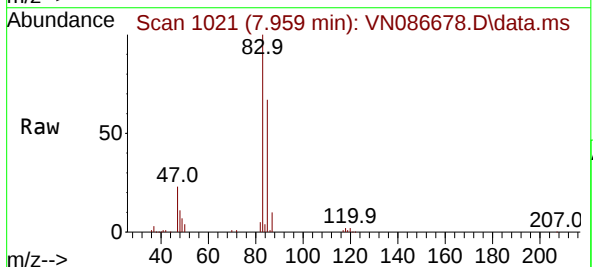
Delta R.T. -0.000 min

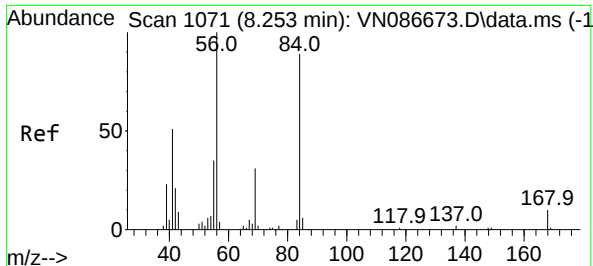
Lab File: VN086678.D

Acq: 19 May 2025 10:12

Tgt Ion: 83 Resp: 237553

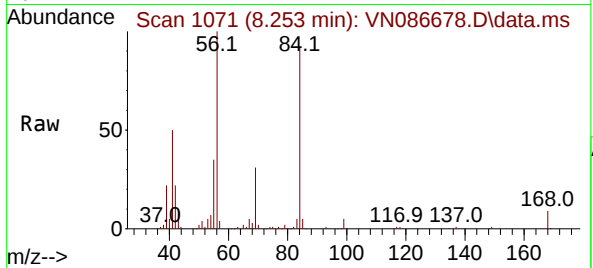
Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.2	75.4





#31
Cyclohexane
Concen: 48.809 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

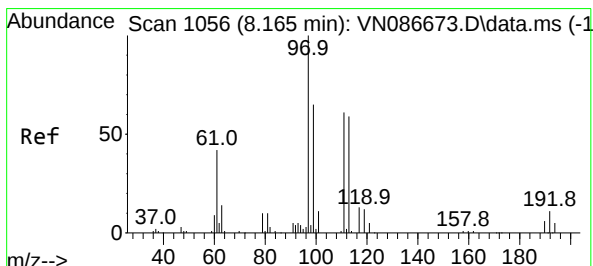
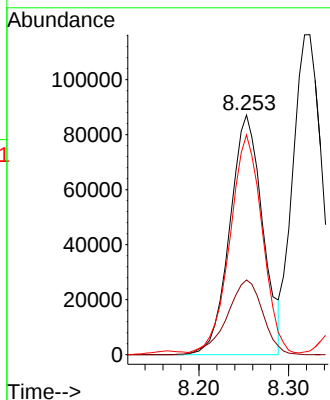
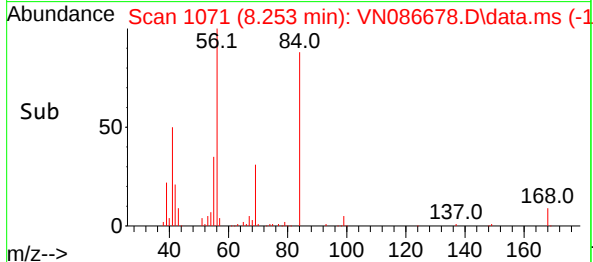
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



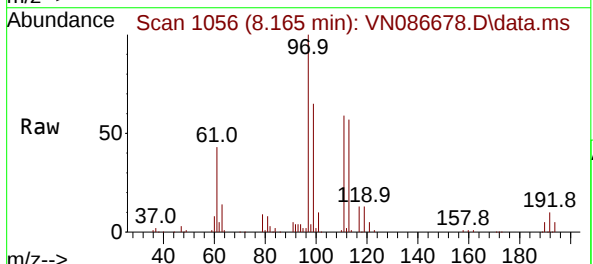
Tgt Ion: 56 Resp: 220990
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 90.5 71.0 106.4

Manual Integrations
APPROVED

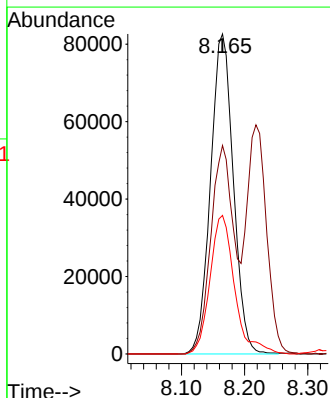
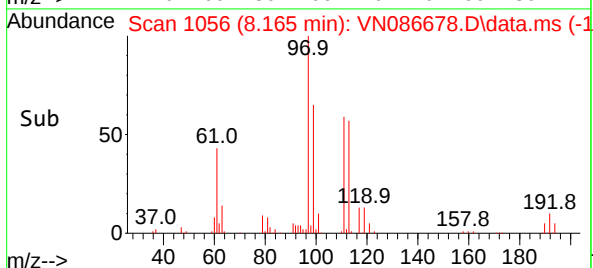
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

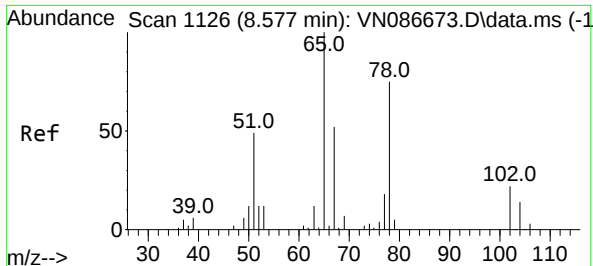


#32
1,1,1-Trichloroethane
Concen: 50.325 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



Tgt Ion: 97 Resp: 207333
Ion Ratio Lower Upper
97 100
99 66.7 52.6 79.0
61 46.7 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 46.649 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14073

Ion Ratio Lower Upper

65 100

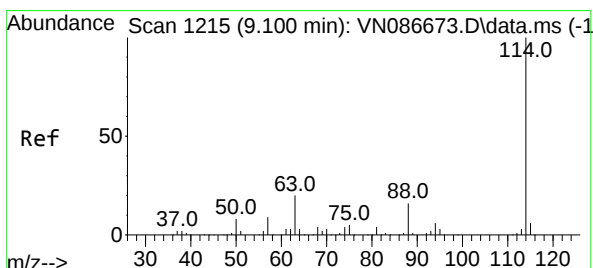
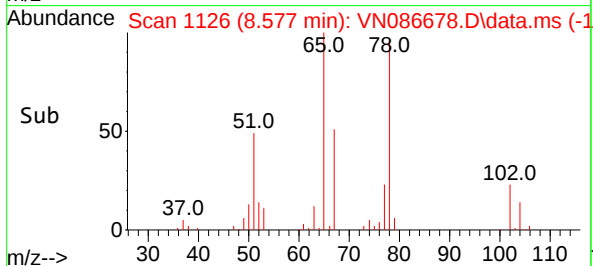
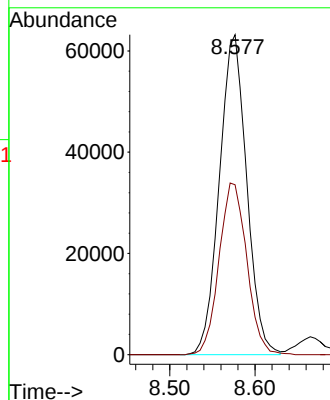
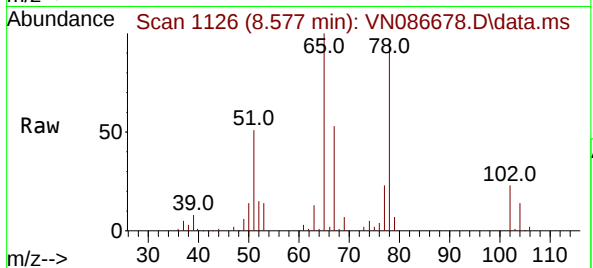
67 54.5 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

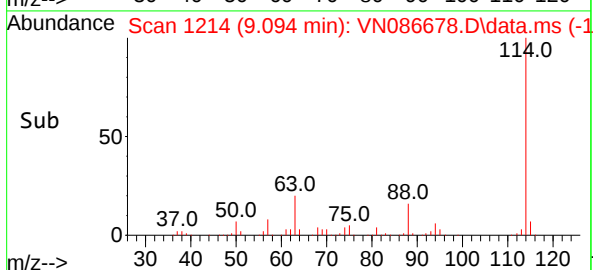
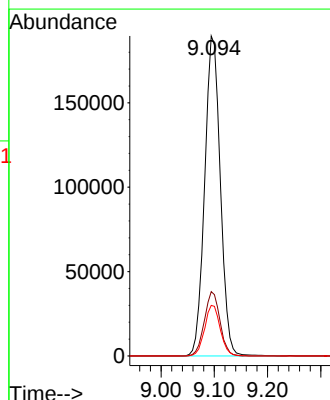
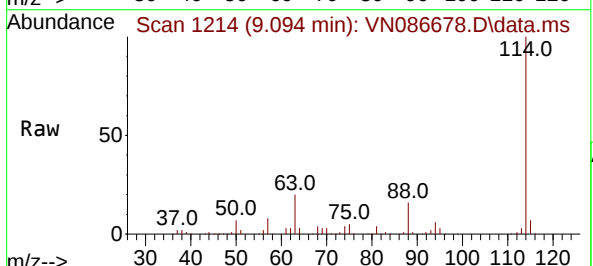
Tgt Ion:114 Resp: 387311

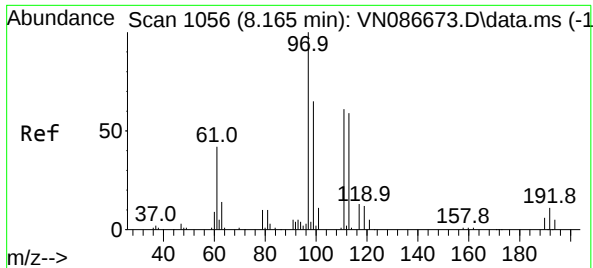
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

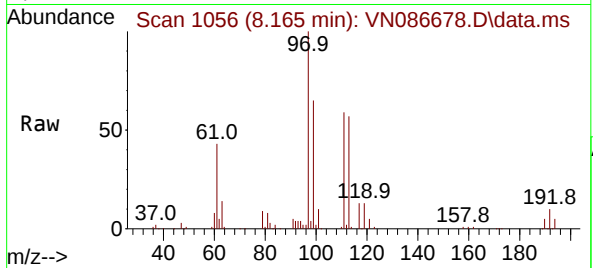
88 15.8 0.0 31.2





#35
Dibromofluoromethane
Concen: 49.353 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

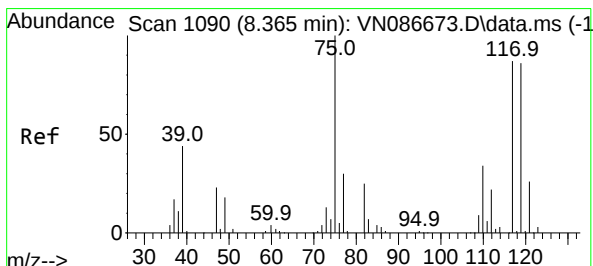
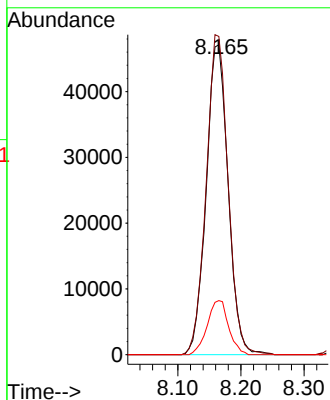
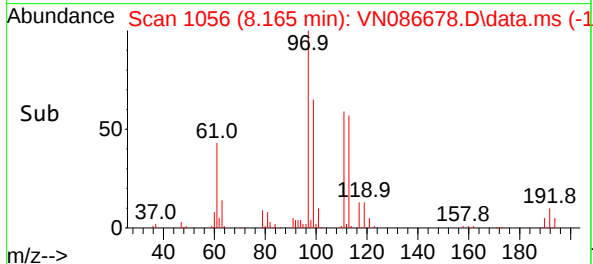
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



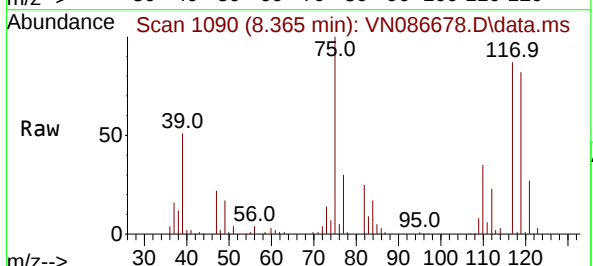
Tgt Ion: 113 Resp: 11383
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 17.0 13.8 20.8

Manual Integrations
APPROVED

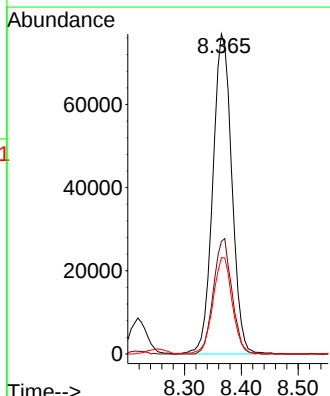
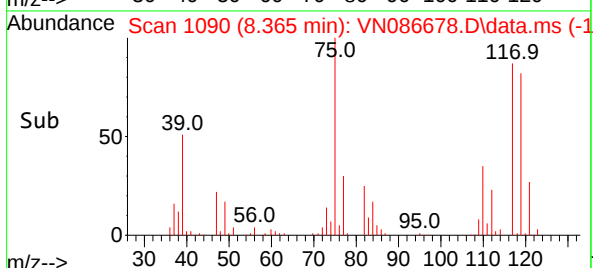
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#36
1,1-Dichloropropene
Concen: 52.615 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



Tgt Ion: 75 Resp: 179013
Ion Ratio Lower Upper
75 100
110 35.0 17.5 52.5
77 30.6 25.1 37.7





#37

Ethyl Acetate

Concen: 47.506 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086678.D

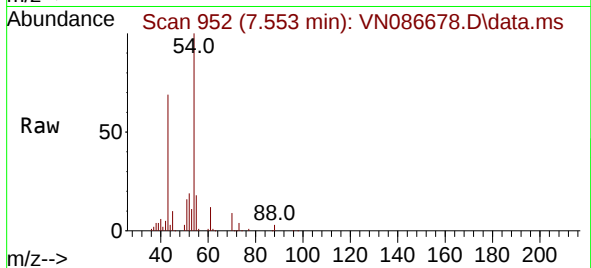
Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 43 Resp: 163270

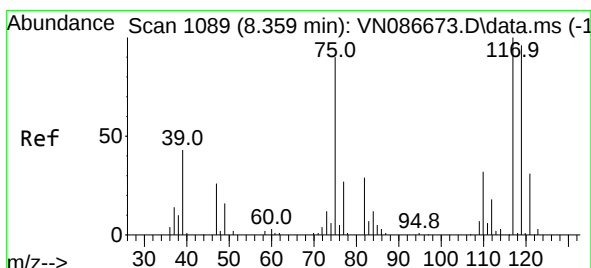
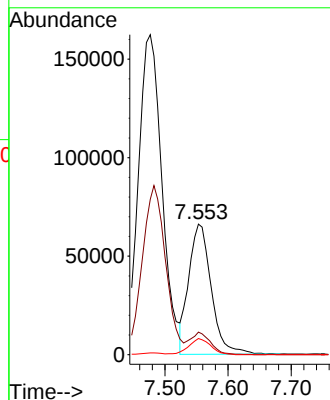
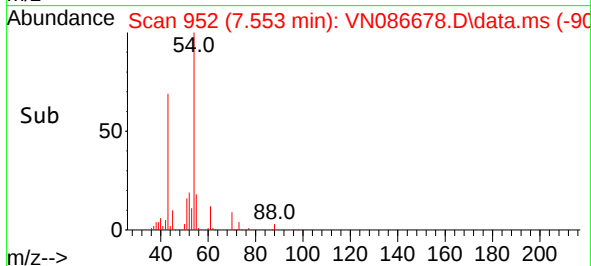
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.6	17.4
70	11.9	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#38

Carbon Tetrachloride

Concen: 52.381 ug/l

RT: 8.359 min Scan# 1089

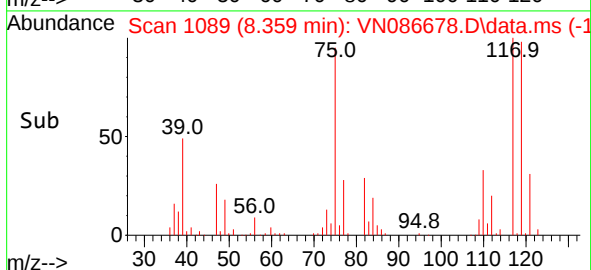
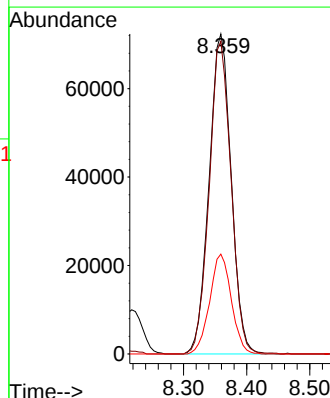
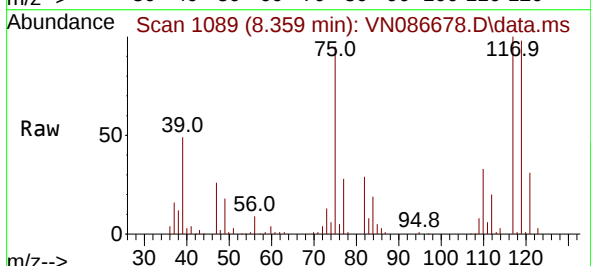
Delta R.T. -0.000 min

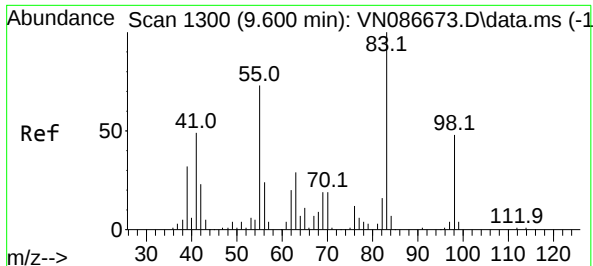
Lab File: VN086678.D

Acq: 19 May 2025 10:12

Tgt Ion:117 Resp: 175597

Ion	Ratio	Lower	Upper
117	100		
119	97.7	77.0	115.6
121	31.2	25.0	37.6





#39

Methylcyclohexane

Concen: 56.048 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

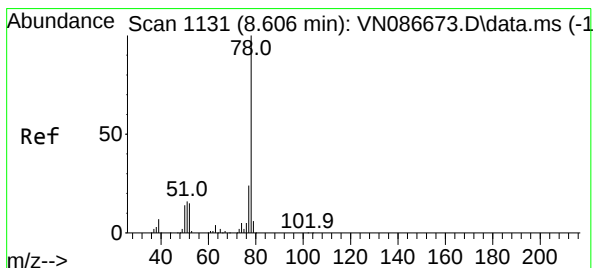
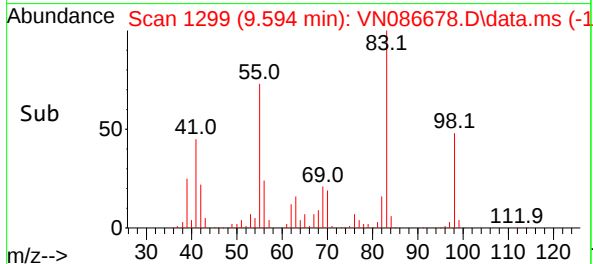
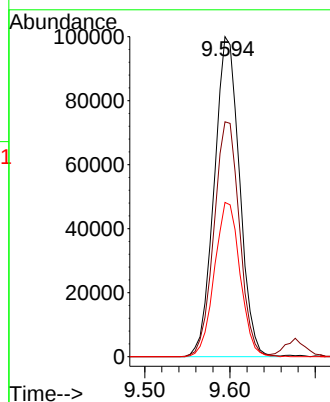
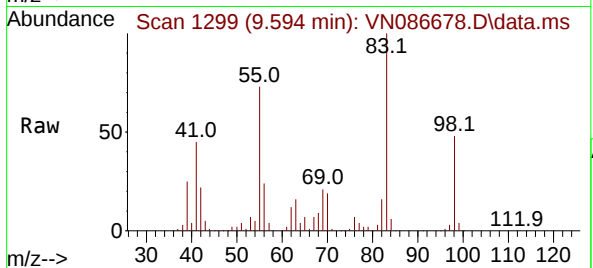
Tgt Ion: 83 Resp: 20639
 Ion Ratio Lower Upper
 83 100
 55 73.4 58.2 87.4
 98 48.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#40

Benzene

Concen: 51.190 ug/l

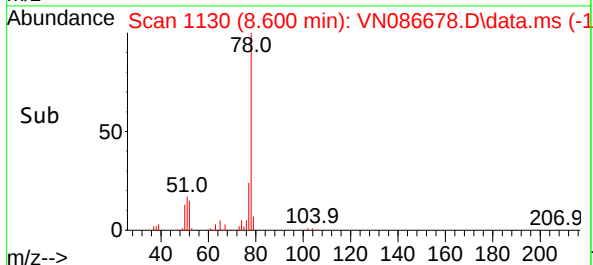
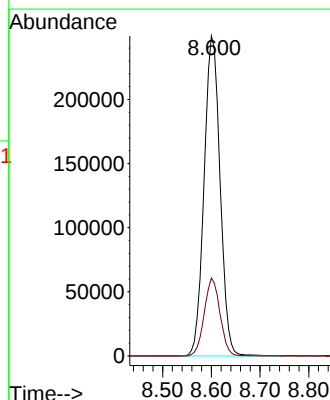
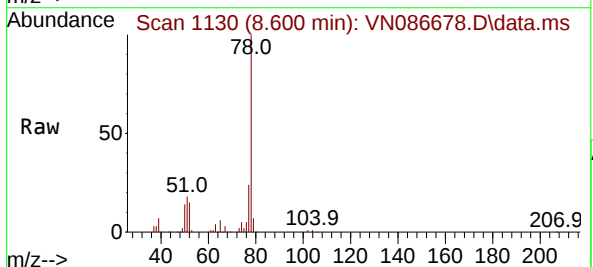
RT: 8.600 min Scan# 1130

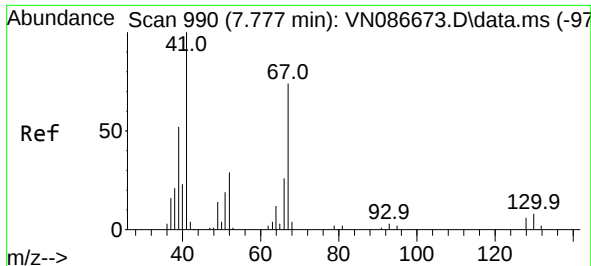
Delta R.T. -0.006 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

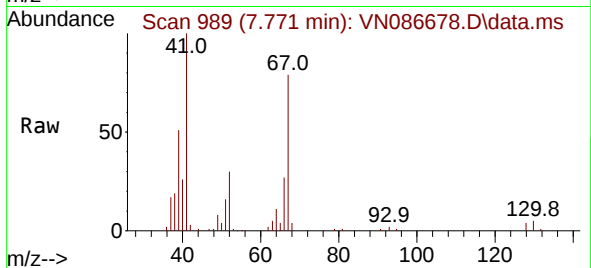
Tgt Ion: 78 Resp: 568159
 Ion Ratio Lower Upper
 78 100
 77 24.4 19.1 28.7





#41
Methacrylonitrile
Concen: 50.989 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

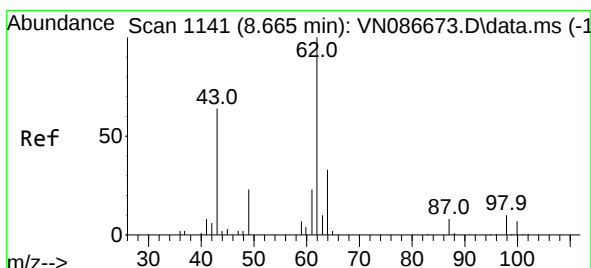
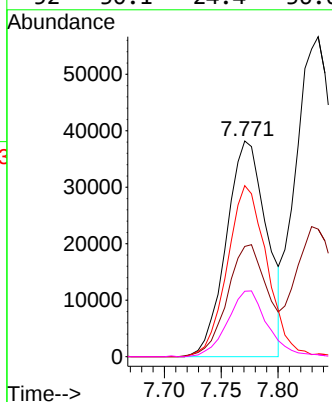
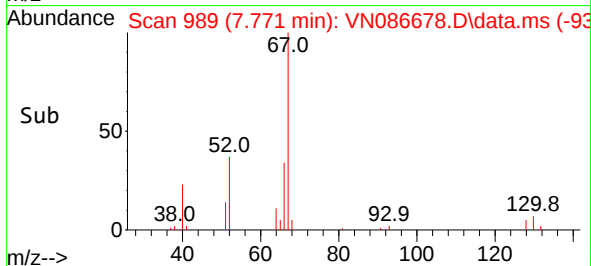
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	94619
Ion Ratio	100	Lower	Upper
39	51.5	44.9	67.3
67	78.3	63.4	95.0
52	30.1	24.4	36.6

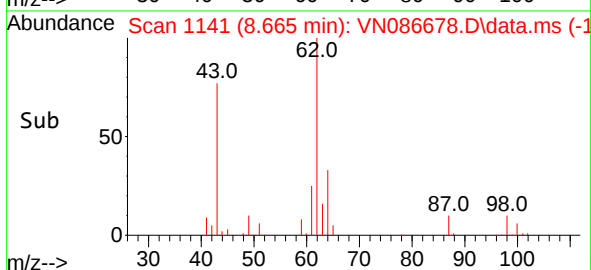
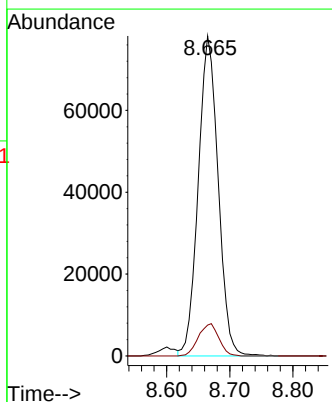
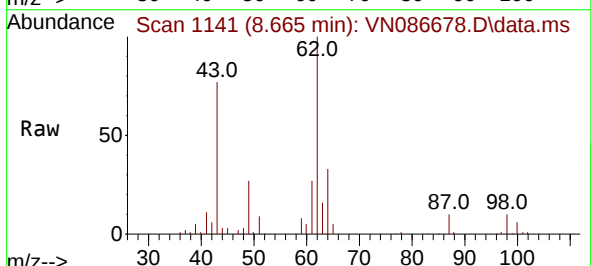
Manual Integrations
APPROVED

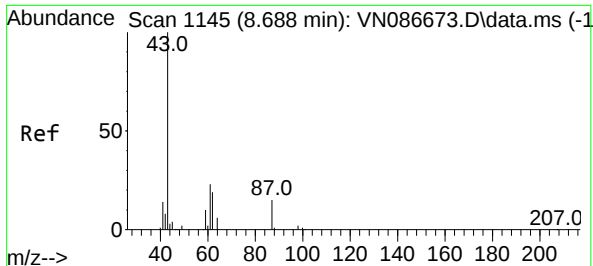
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#42
1,2-Dichloroethane
Concen: 49.506 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

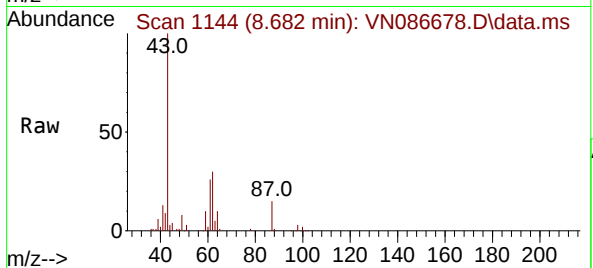
Tgt Ion:	62	Resp:	171184
Ion Ratio	100	Lower	Upper
98	10.4	0.0	19.2





#43
Isopropyl Acetate
Concen: 42.419 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

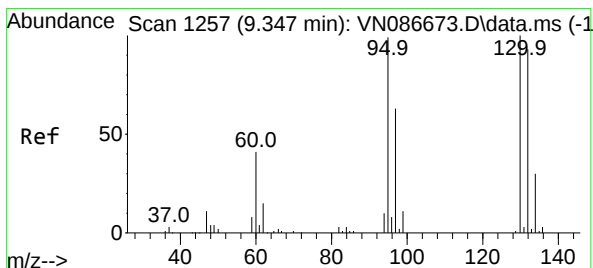
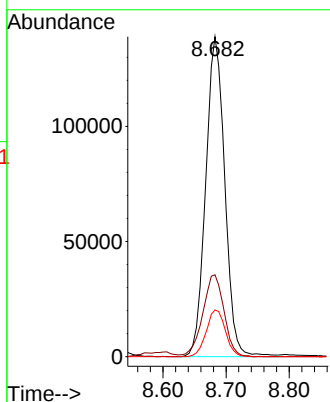
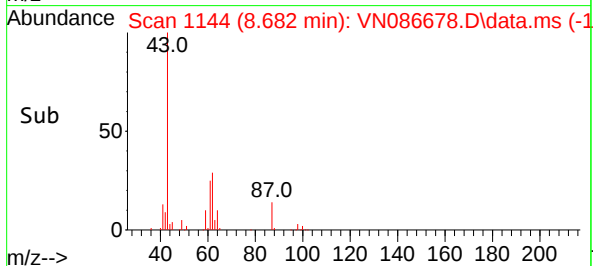
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 29225
Ion Ratio Lower Upper
43 100
61 28.5 21.4 32.2
87 14.6 11.1 16.7

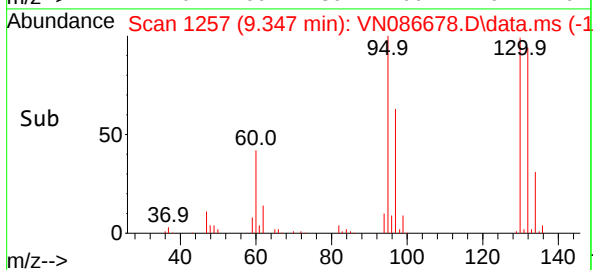
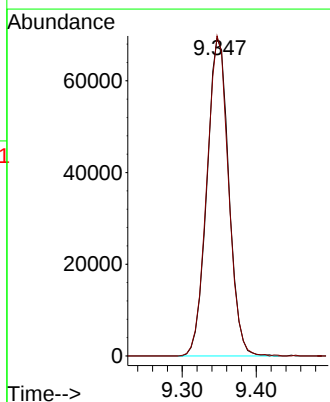
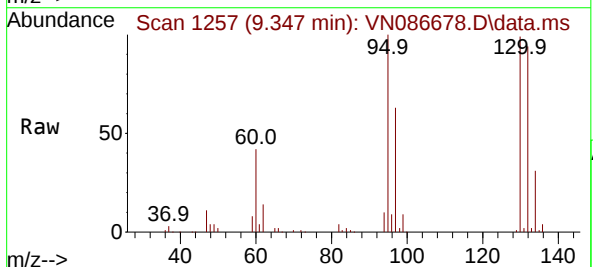
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 52.980 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:130 Resp: 141828
Ion Ratio Lower Upper
130 100
95 100.7 0.0 197.0





#45

1,2-Dichloropropane

Concen: 52.029 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 137180

Ion Ratio Lower Upper

63 100

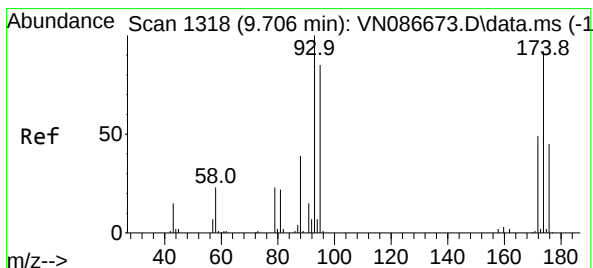
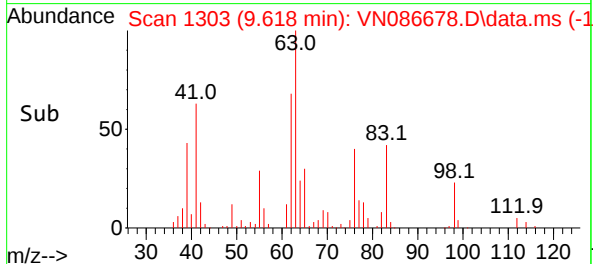
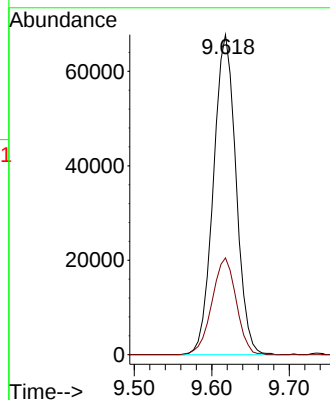
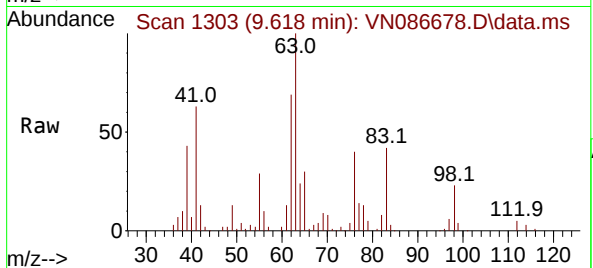
65 30.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#46

Dibromomethane

Concen: 50.554 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

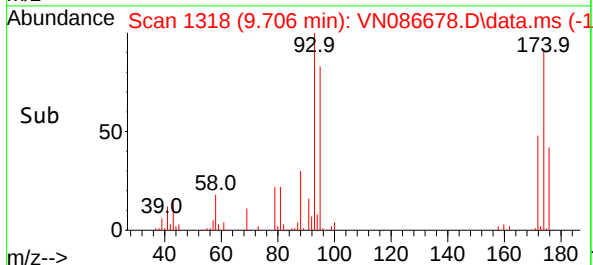
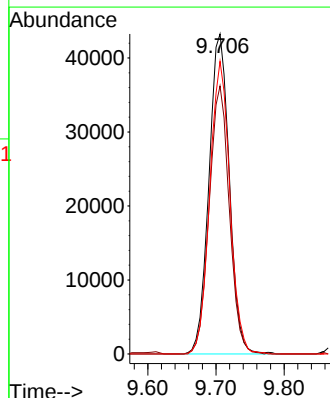
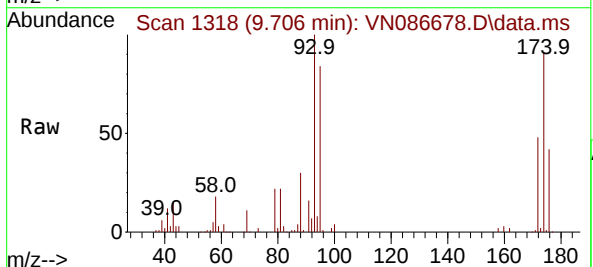
Tgt Ion: 93 Resp: 89941

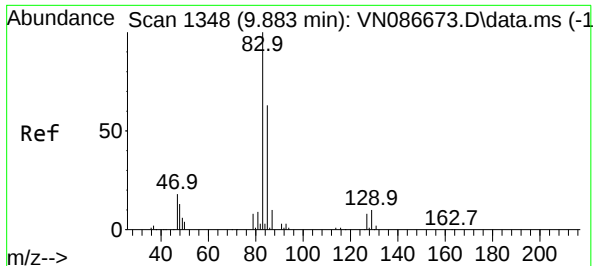
Ion Ratio Lower Upper

93 100

95 82.7 67.1 100.7

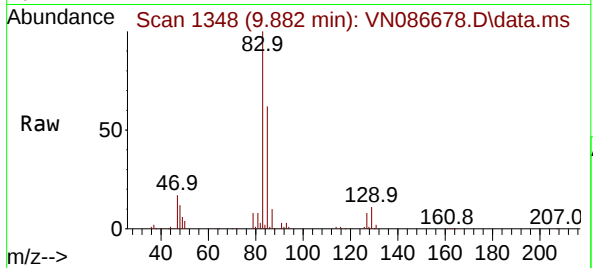
174 90.3 73.8 110.6





#47
Bromodichloromethane
Concen: 51.974 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

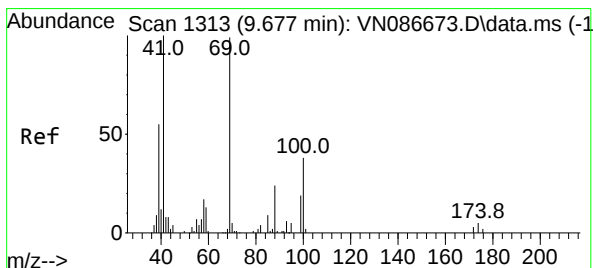
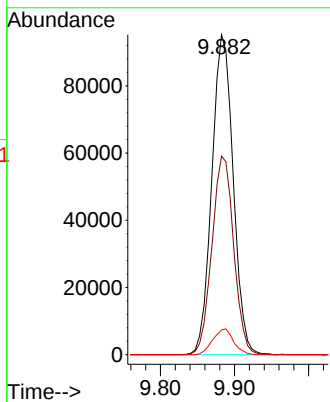
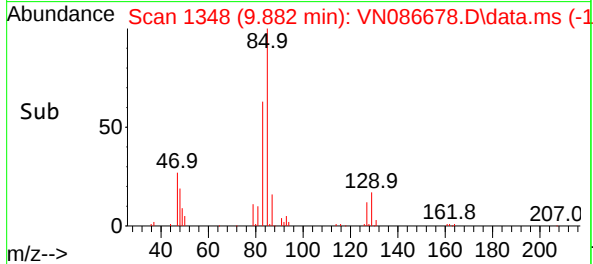
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 19052
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 7.7 6.2 9.4

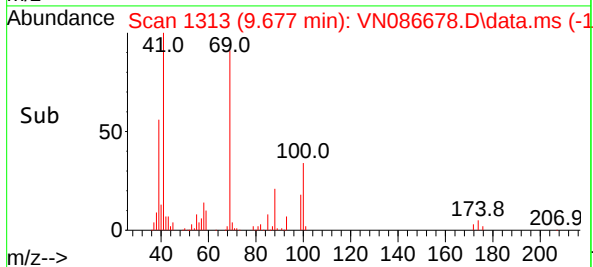
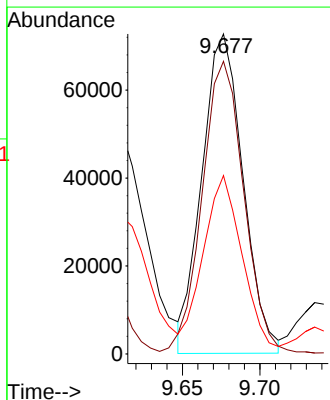
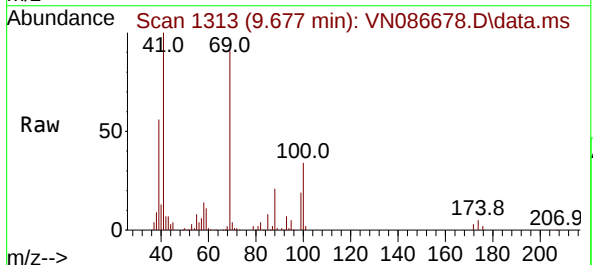
Manual Integrations
APPROVED

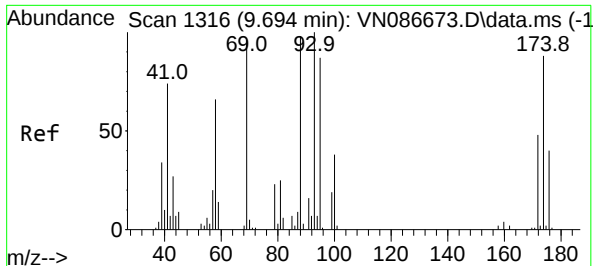
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#48
Methyl methacrylate
Concen: 50.138 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 41 Resp: 133859
Ion Ratio Lower Upper
41 100
69 93.9 74.1 111.1
39 53.9 44.1 66.1





#49

1,4-Dioxane

Concen: 894.031 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 5054

Ion Ratio Lower Upper

88 100

43 26.4 23.6 35.4

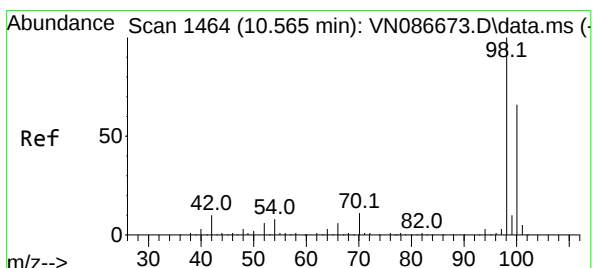
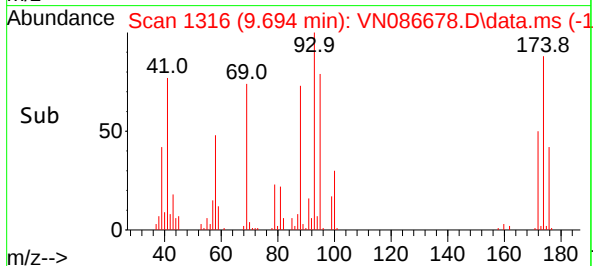
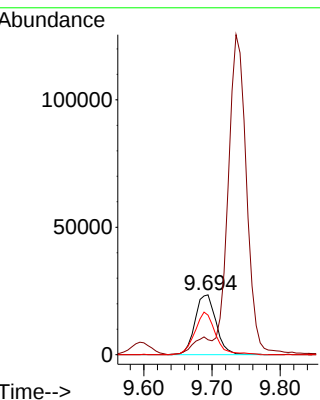
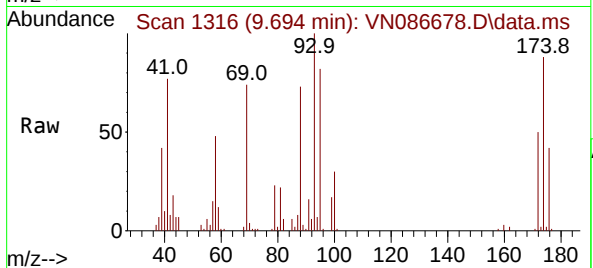
58 69.6 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#50

Toluene-d8

Concen: 49.877 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086678.D

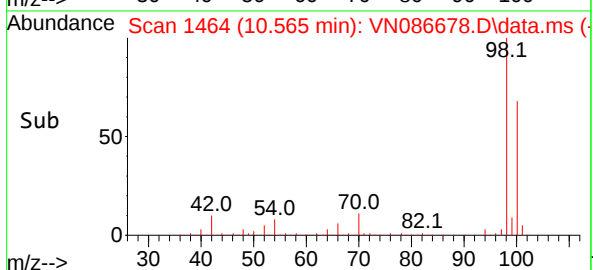
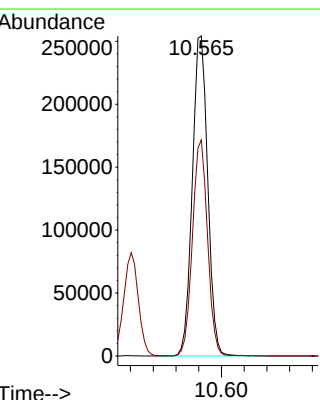
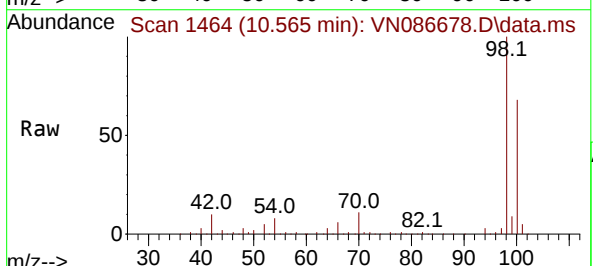
Acq: 19 May 2025 10:12

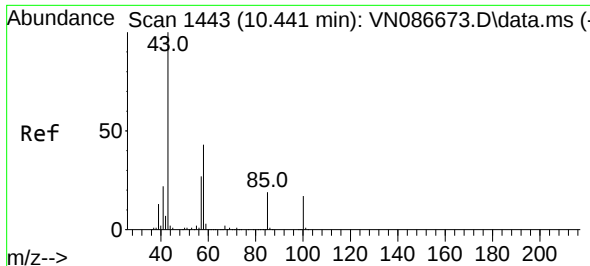
Tgt Ion: 98 Resp: 476759

Ion Ratio Lower Upper

98 100

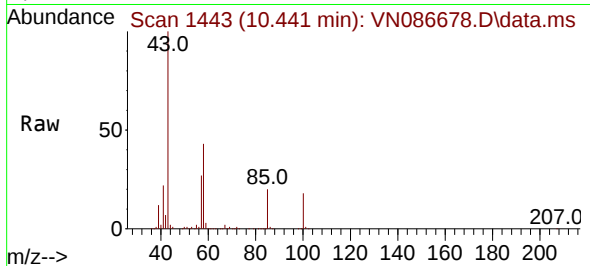
100 66.2 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 240.913 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

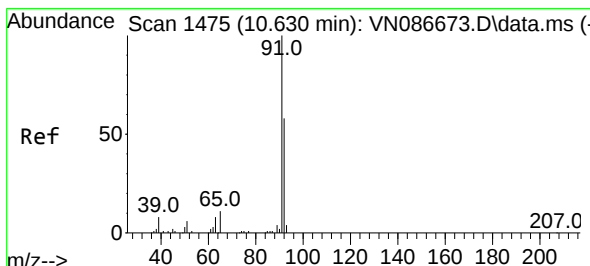
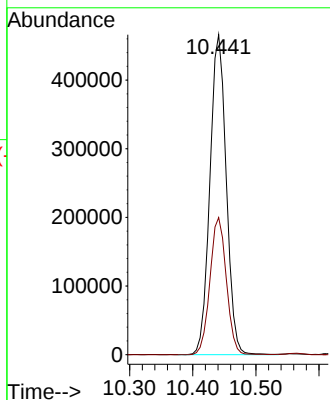
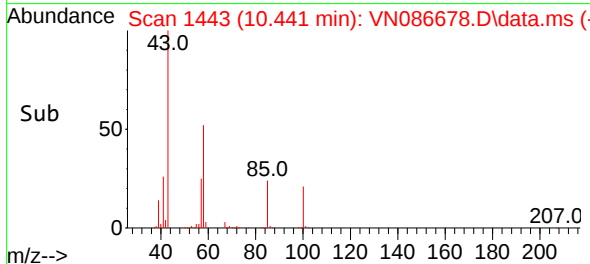
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 837049
Ion Ratio Lower Upper
43 100
58 42.9 33.9 50.9

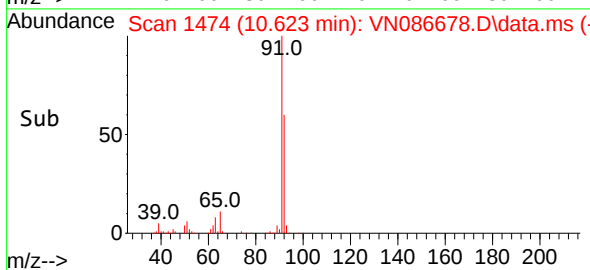
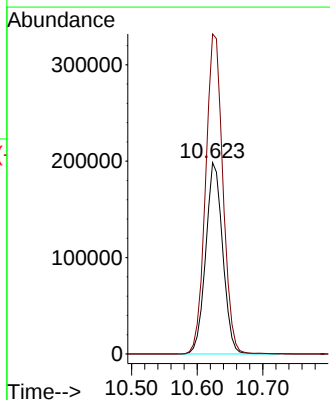
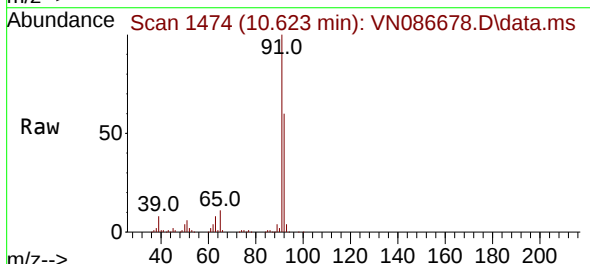
Manual Integrations
APPROVED

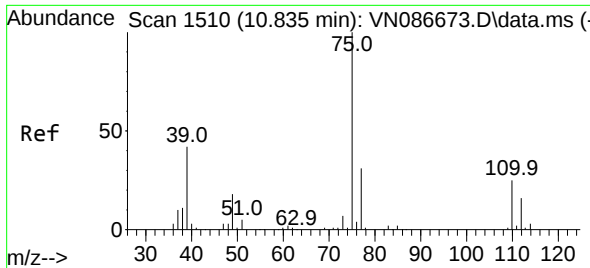
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 51.689 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

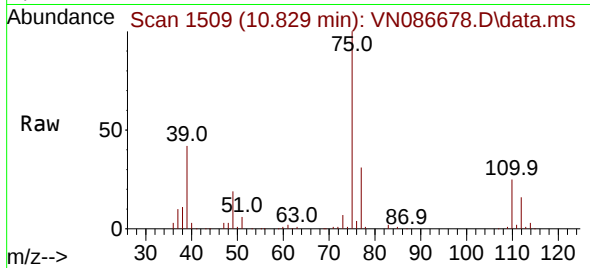
Tgt Ion: 92 Resp: 356565
Ion Ratio Lower Upper
92 100
91 170.5 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 54.021 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

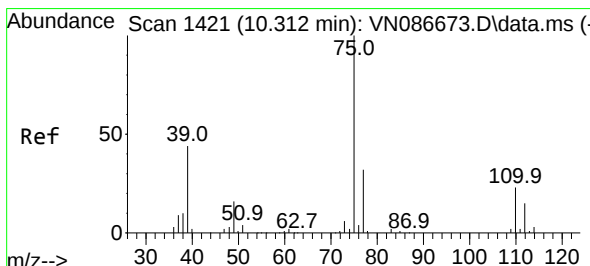
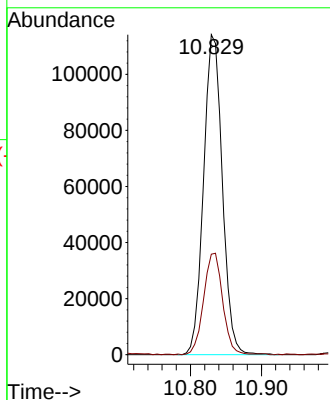
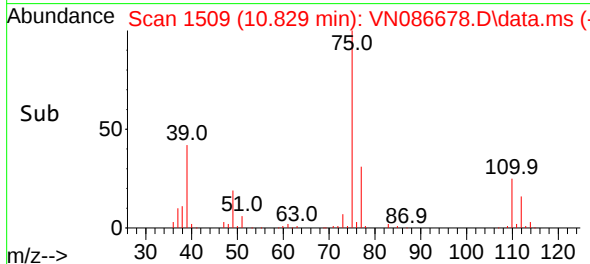
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 20966
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8

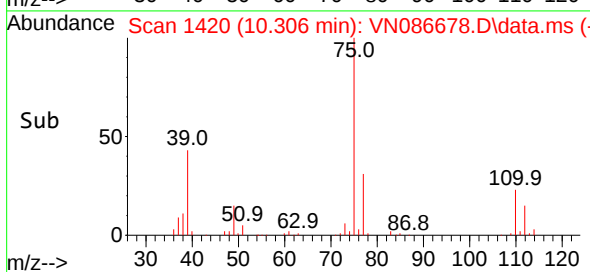
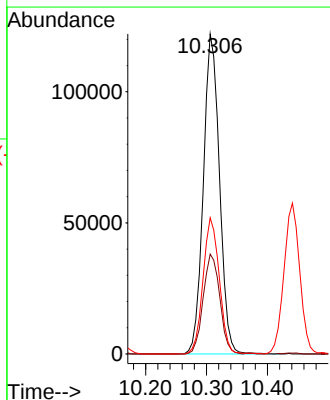
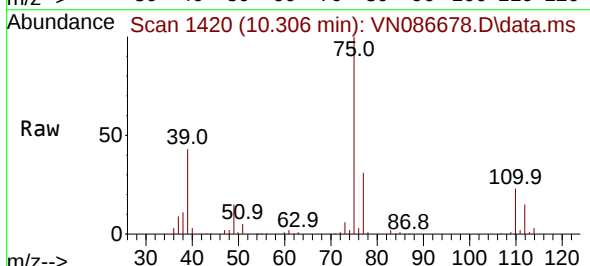
Manual Integrations
 APPROVED

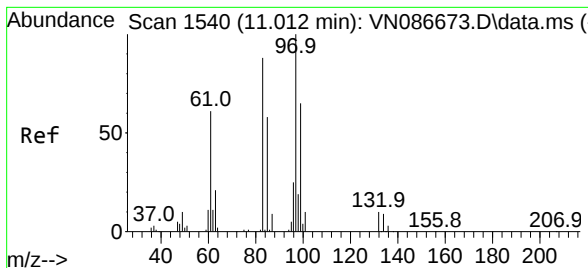
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 53.066 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086678.D
 Acq: 19 May 2025 10:12

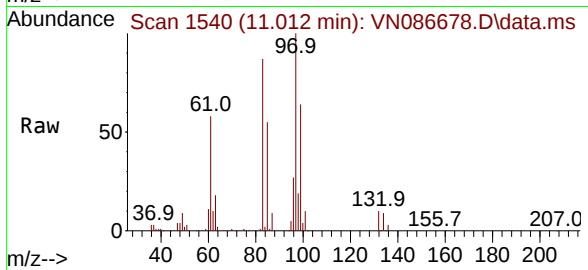
Tgt Ion: 75 Resp: 224827
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 42.6 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 49.287 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

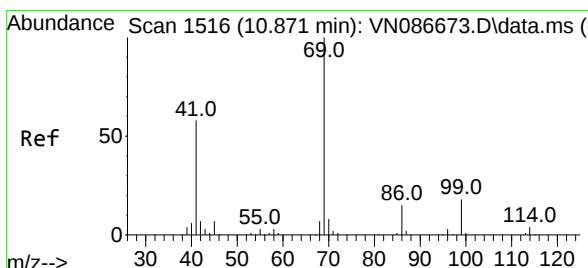
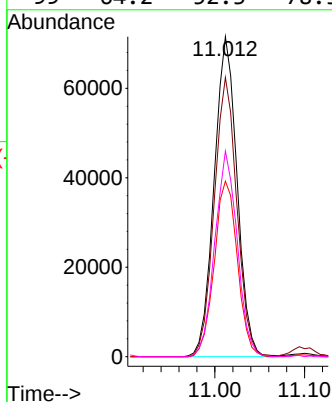
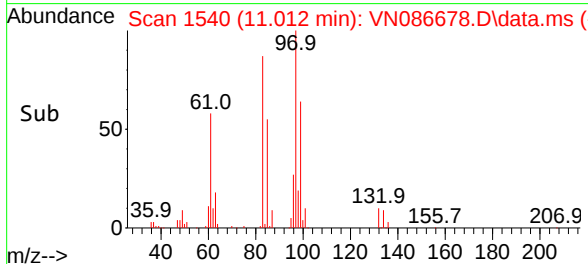
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



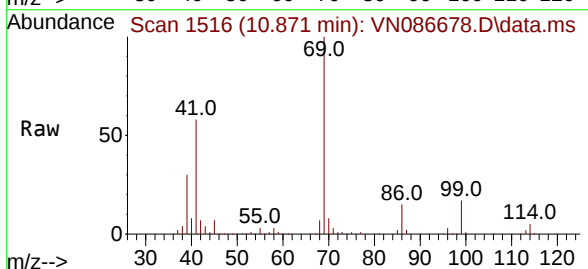
Tgt Ion: 97 Resp: 126830
Ion Ratio Lower Upper
97 100
83 87.2 70.4 105.6
85 54.9 46.1 69.1
99 64.2 52.3 78.5

Manual Integrations
APPROVED

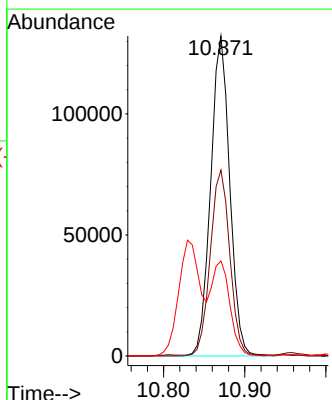
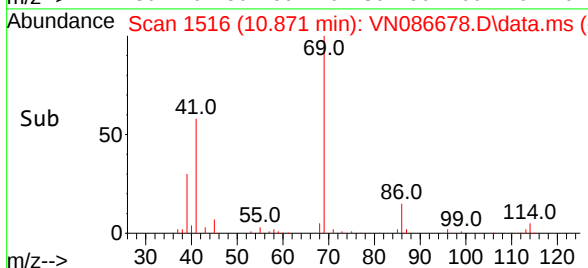
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

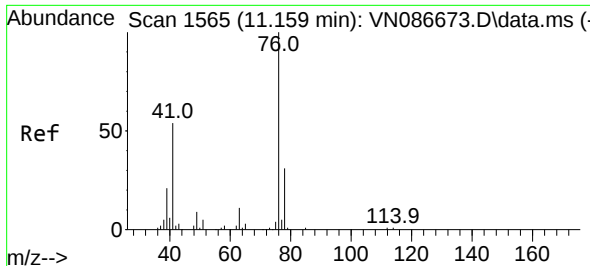


#56
Ethyl methacrylate
Concen: 52.333 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



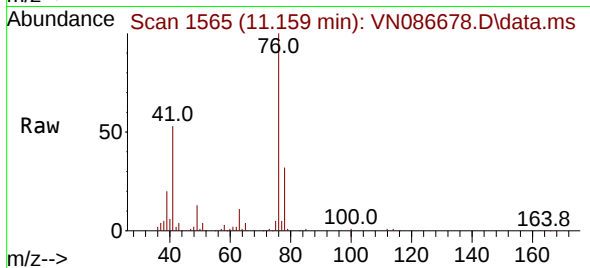
Tgt Ion: 69 Resp: 216221
Ion Ratio Lower Upper
69 100
41 58.8 47.4 71.0
39 28.4 24.0 36.0





#57
1,3-Dichloropropane
Concen: 49.836 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

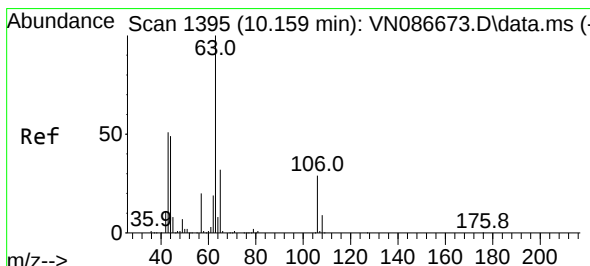
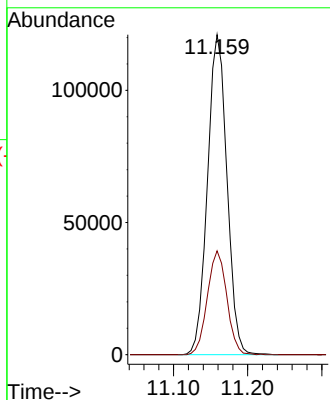
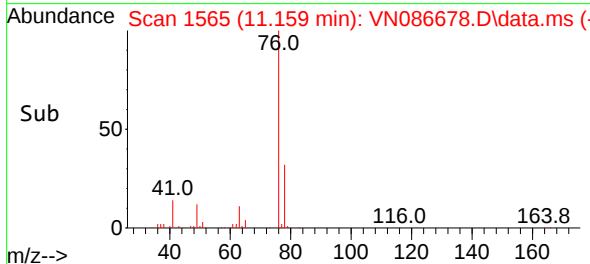
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



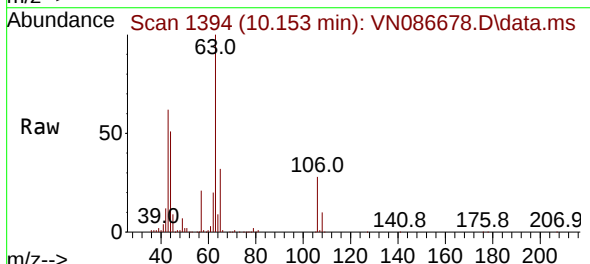
Tgt Ion: 76 Resp: 220930
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8

Manual Integrations
APPROVED

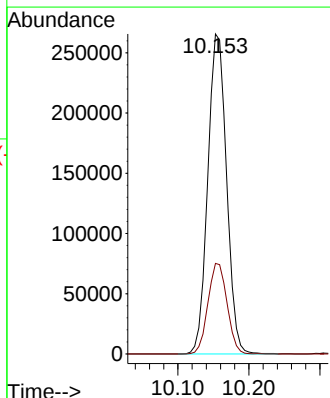
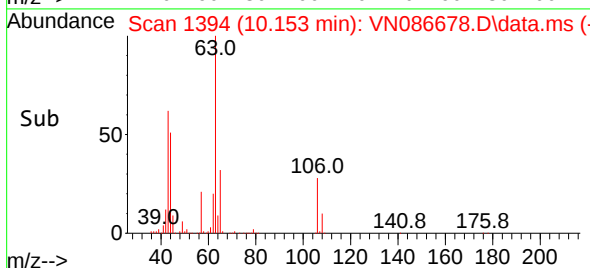
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

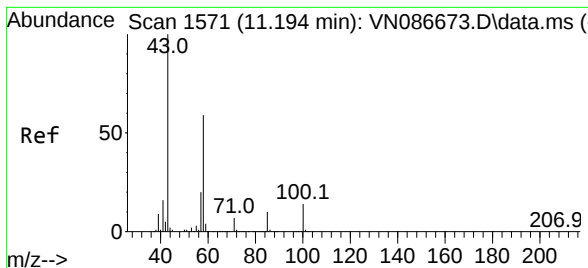


#58
2-Chloroethyl Vinyl ether
Concen: 263.974 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



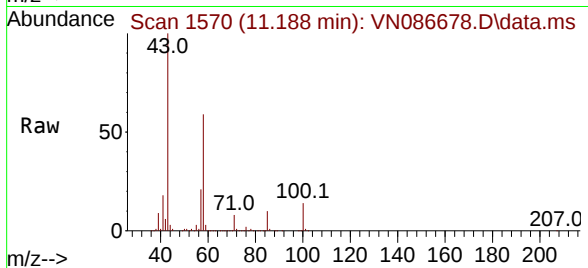
Tgt Ion: 63 Resp: 487437
Ion Ratio Lower Upper
63 100
106 28.8 23.1 34.7





#59
2-Hexanone
Concen: 239.044 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

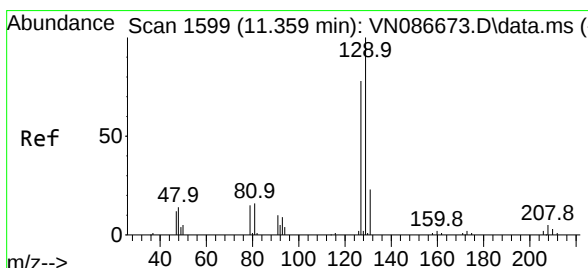
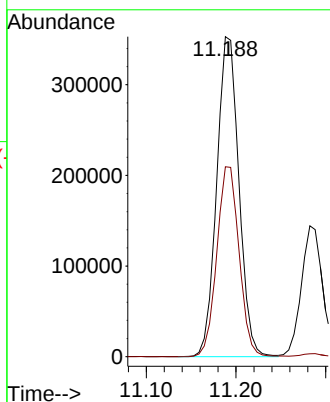
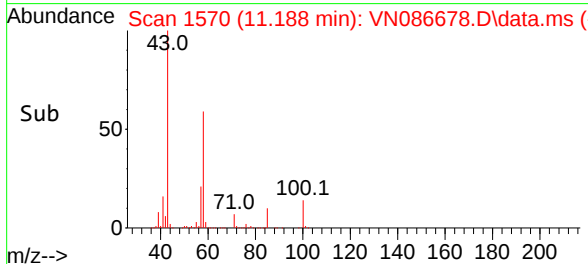
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 60651
Ion Ratio Lower Upper
43 100
58 59.6 29.8 89.5

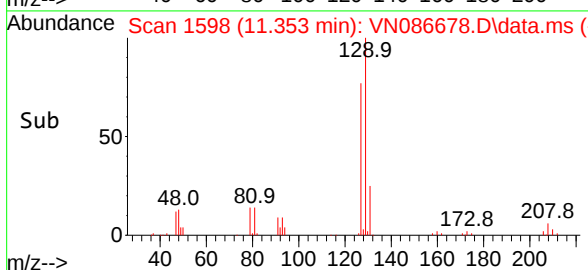
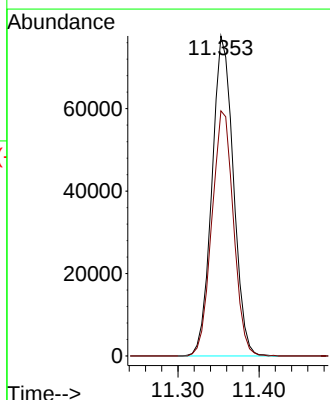
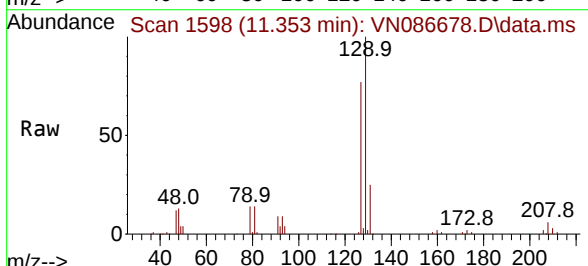
Manual Integrations
APPROVED

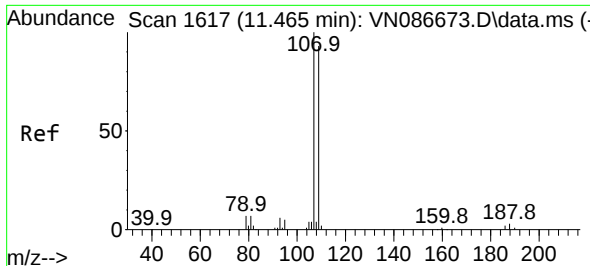
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#60
Dibromochloromethane
Concen: 52.786 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

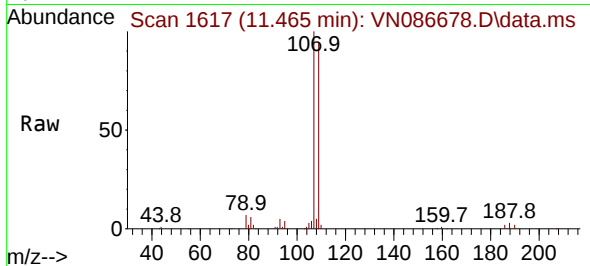
Tgt Ion:129 Resp: 142355
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.3





#61
1,2-Dibromoethane
Concen: 50.008 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

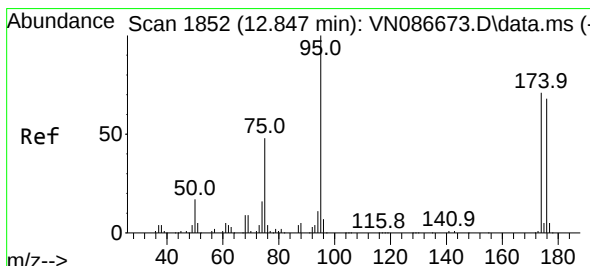
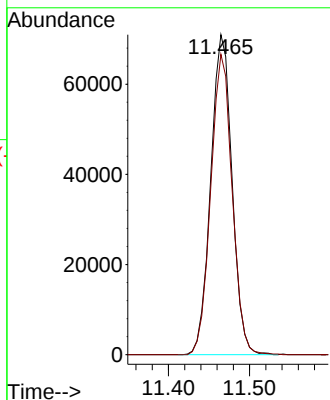
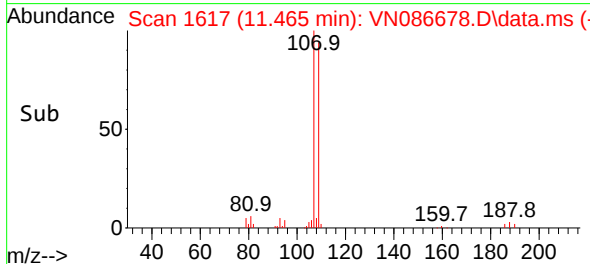
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 12931
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.4

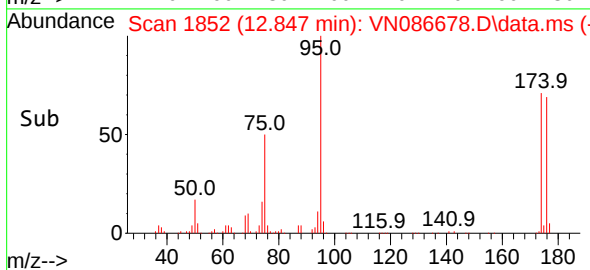
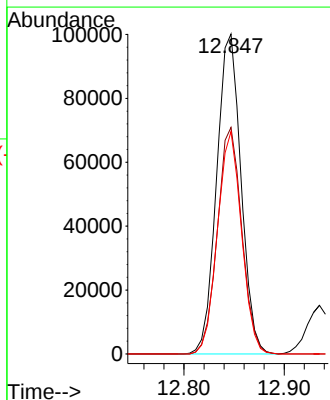
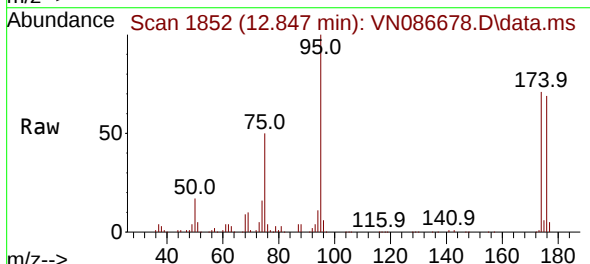
Manual Integrations
APPROVED

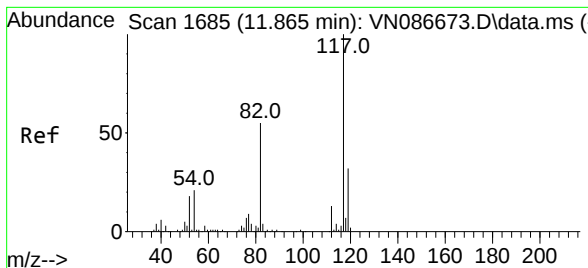
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 50.066 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion: 95 Resp: 168980
Ion Ratio Lower Upper
95 100
174 71.1 0.0 145.4
176 68.5 0.0 137.8





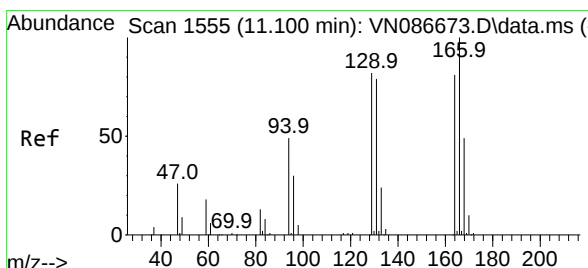
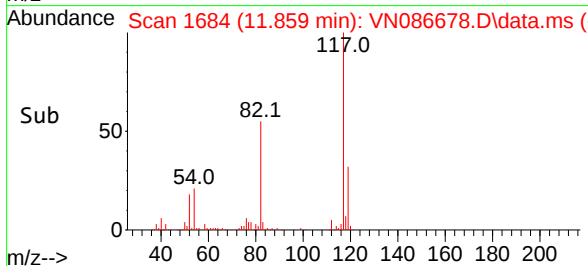
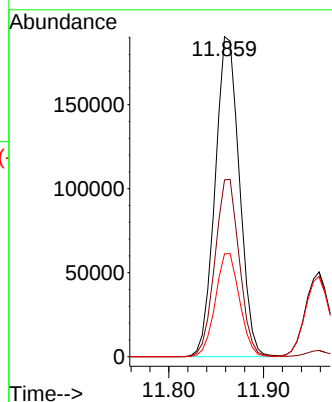
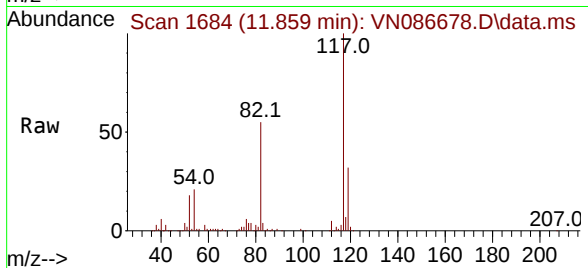
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 34006
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.2
119 32.2 25.4 38.2

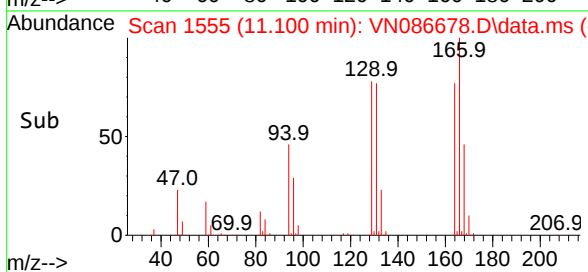
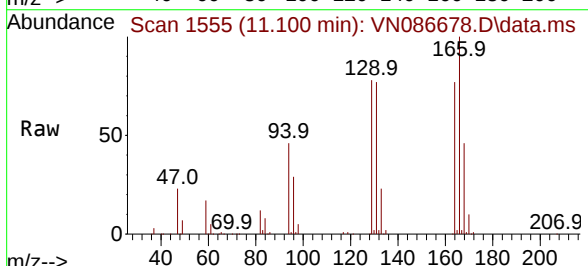
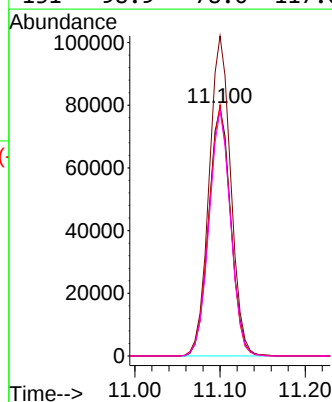
Manual Integrations
APPROVED

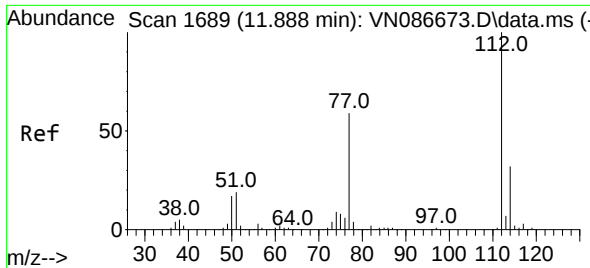
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#64
Tetrachloroethene
Concen: 54.755 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

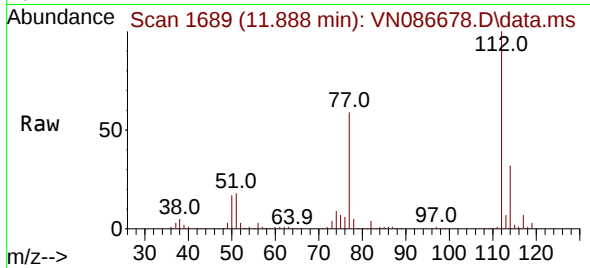
Tgt Ion:164 Resp: 142639
Ion Ratio Lower Upper
164 100
166 129.1 98.2 147.4
129 101.3 81.0 121.4
131 98.9 78.0 117.0





#65
Chlorobenzene
Concen: 50.890 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

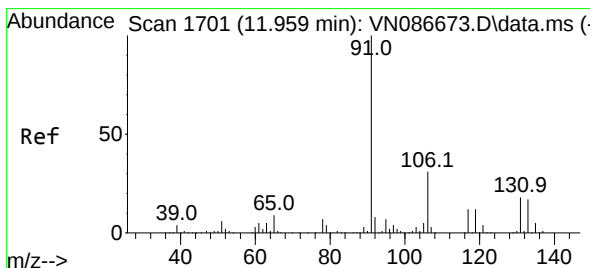
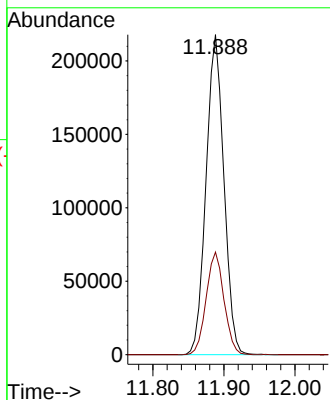
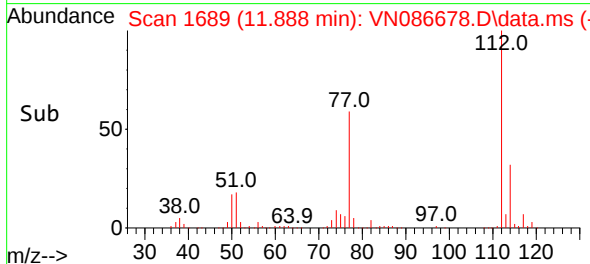
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



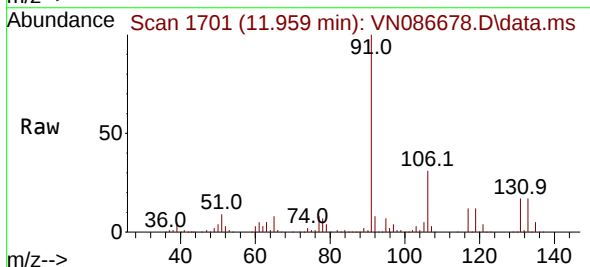
Tgt Ion:112 Resp: 37948
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9

Manual Integrations
APPROVED

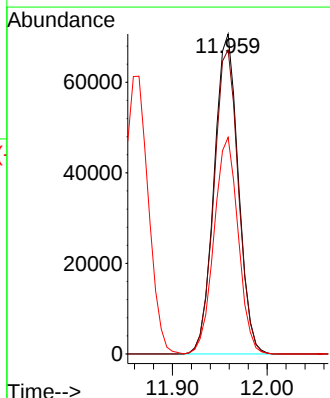
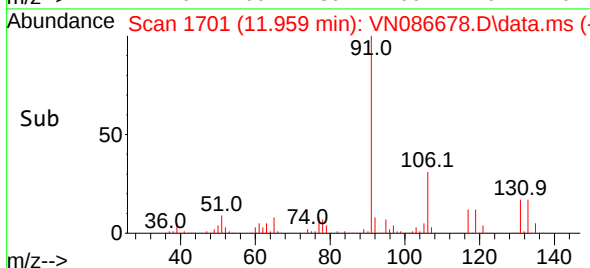
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

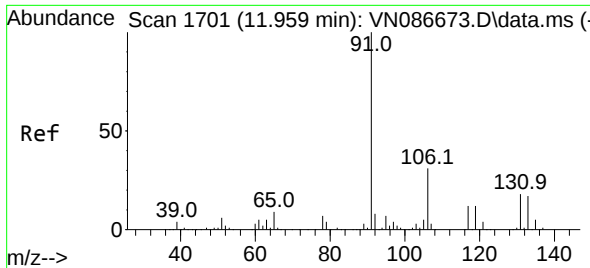


#66
1,1,1,2-Tetrachloroethane
Concen: 52.023 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



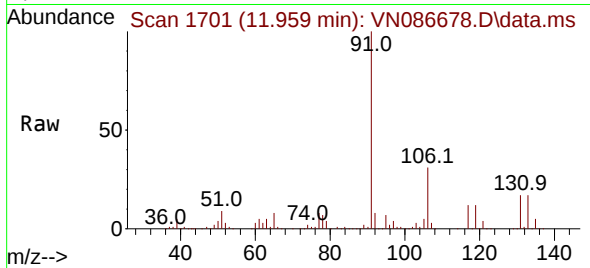
Tgt Ion:131 Resp: 125235
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 67.8 33.6 100.8





#67
Ethyl Benzene
Concen: 52.687 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

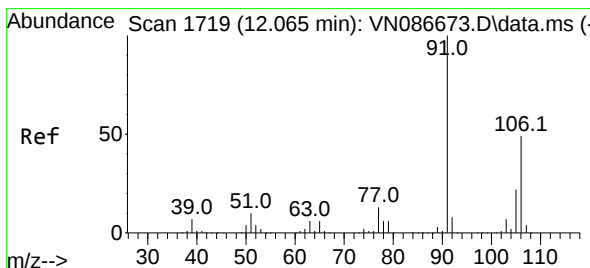
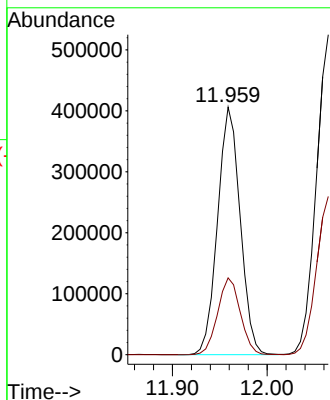
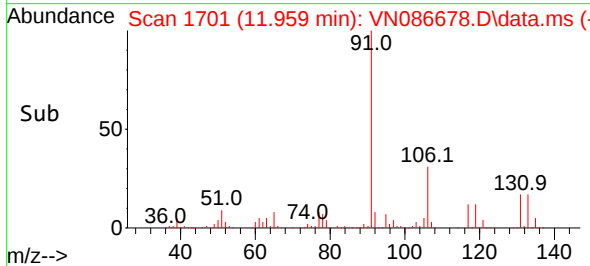
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



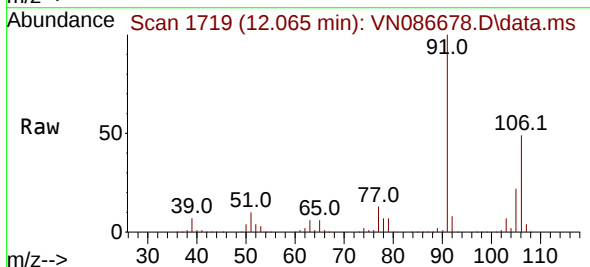
Tgt Ion: 91 Resp: 67293
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

Manual Integrations
APPROVED

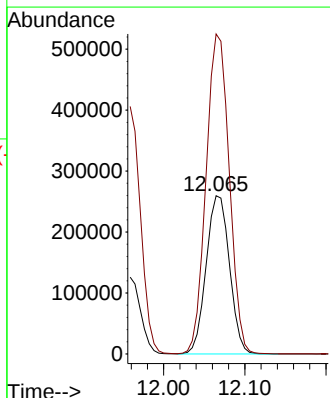
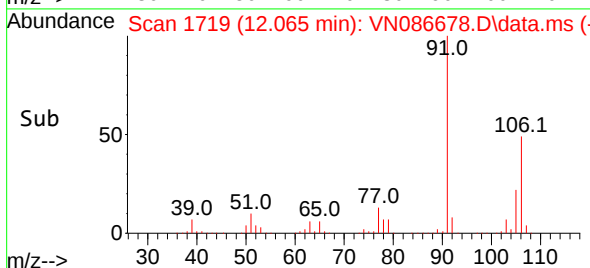
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

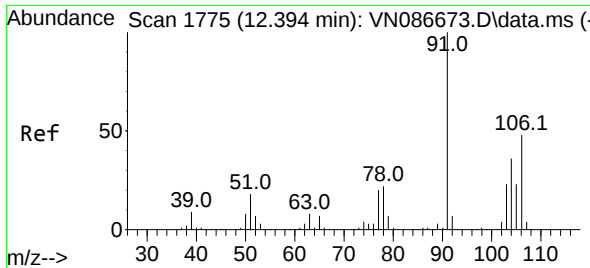


#68
m/p-Xylenes
Concen: 107.033 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



Tgt Ion:106 Resp: 517798
Ion Ratio Lower Upper
106 100
91 201.4 162.4 243.6





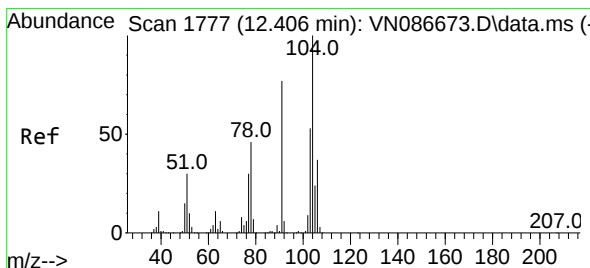
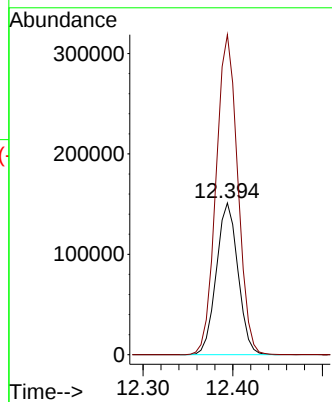
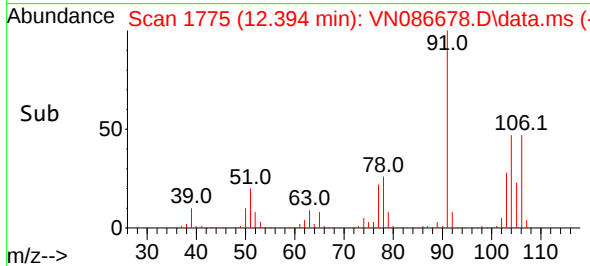
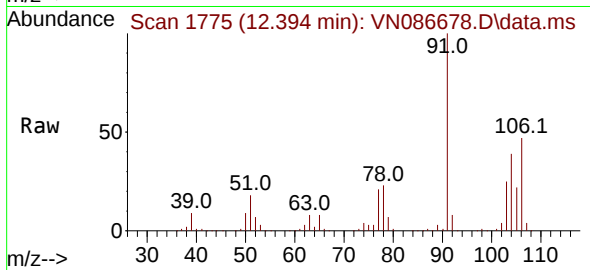
#69
o-Xylene
Concen: 52.564 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 252810
Ion Ratio Lower Upper
106 100
91 211.6 105.1 315.1

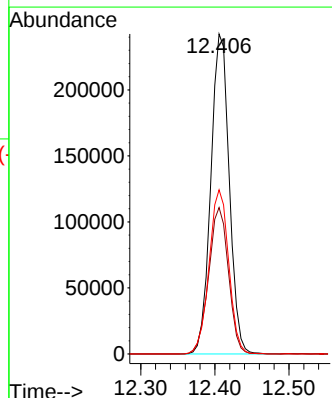
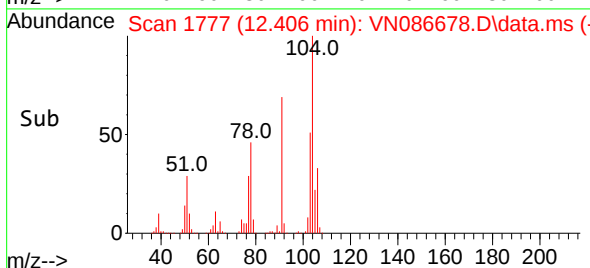
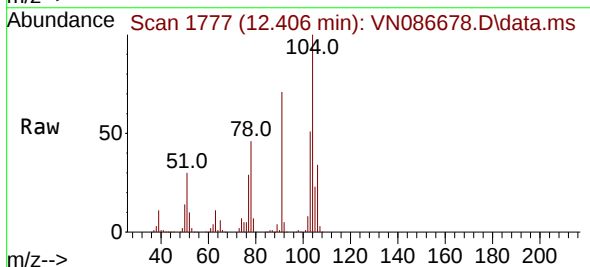
Manual Integrations
APPROVED

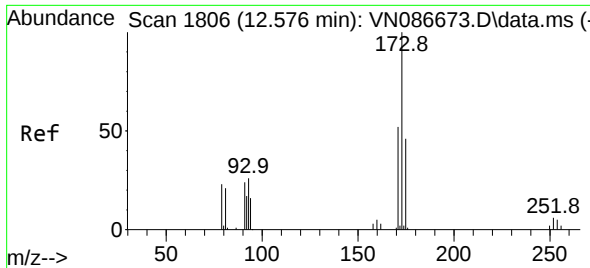
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
Styrene
Concen: 53.237 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:104 Resp: 419206
Ion Ratio Lower Upper
104 100
78 49.0 39.0 58.6
103 54.5 43.8 65.8





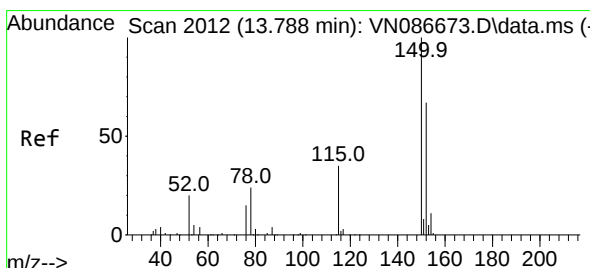
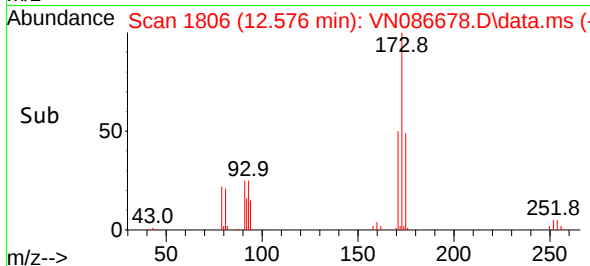
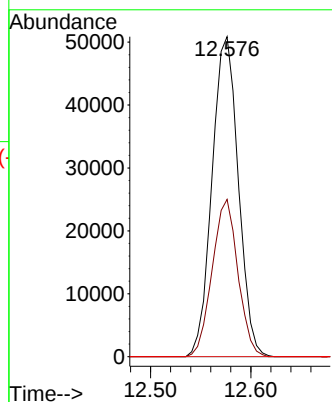
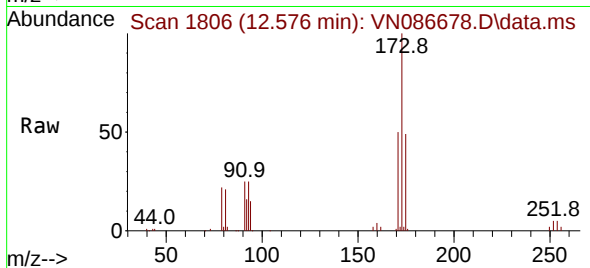
#71
Bromoform
Concen: 54.030 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 92500
Ion Ratio Lower Upper
173 100
175 48.1 23.4 70.2
254 0.0 0.0 0.0

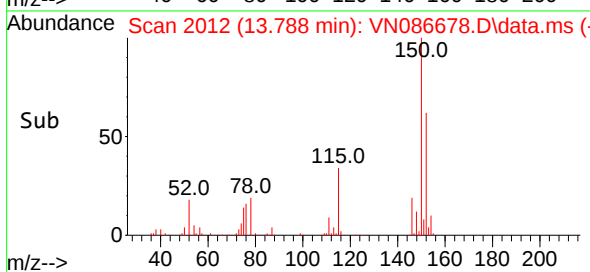
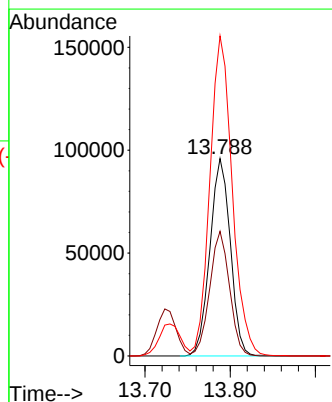
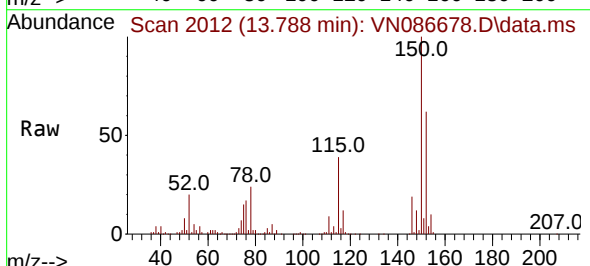
Manual Integrations
APPROVED

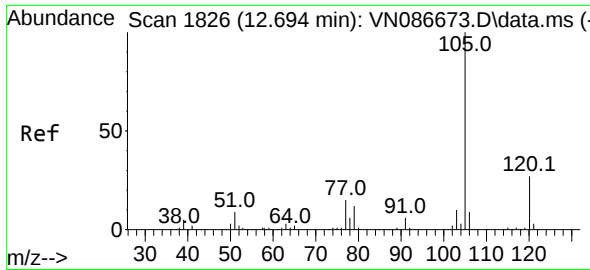
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Tgt Ion:152 Resp: 159685
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.1
150 177.4 0.0 347.8





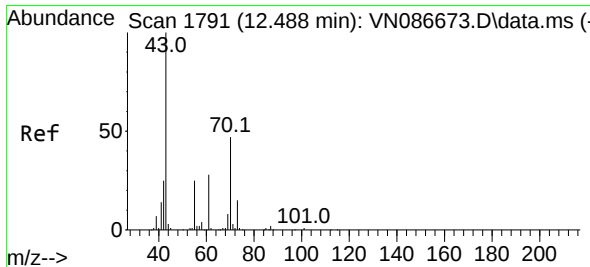
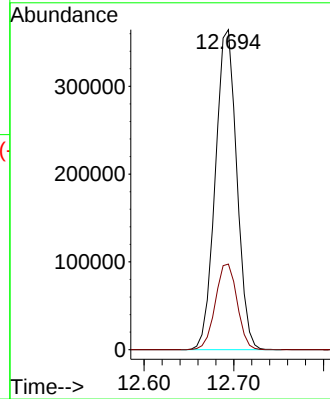
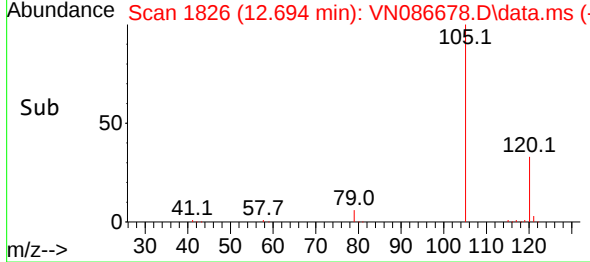
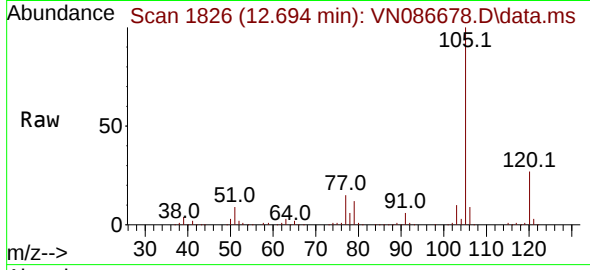
#73
Isopropylbenzene
Concen: 49.109 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 60566
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

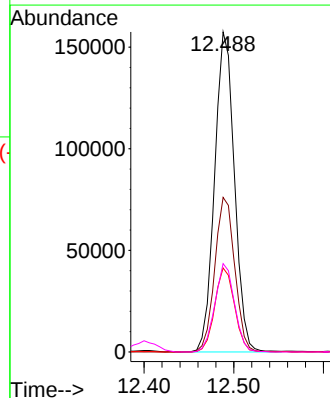
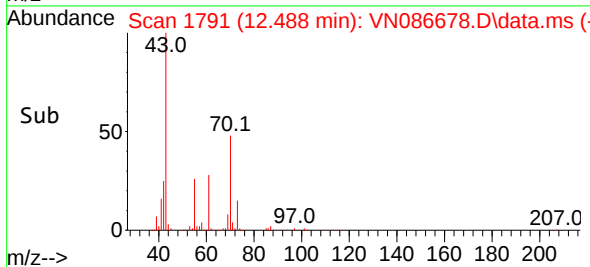
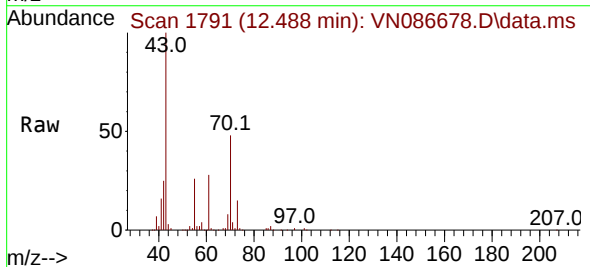
Manual Integrations
APPROVED

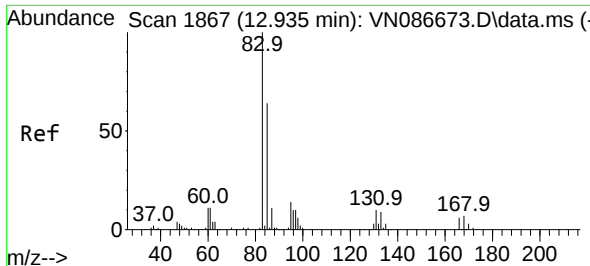
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#74
N-ethyl acetate
Concen: 46.886 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

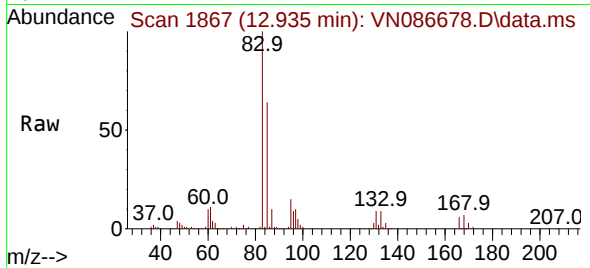
Tgt Ion: 43 Resp: 241598
Ion Ratio Lower Upper
43 100
70 48.7 37.9 56.9
55 26.1 20.5 30.7
61 27.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 44.229 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

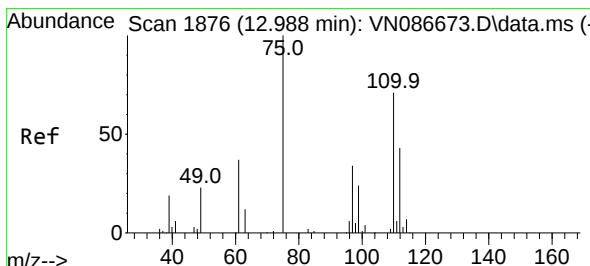
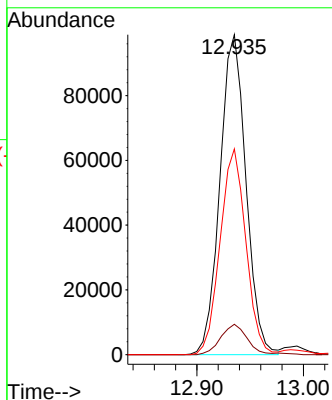
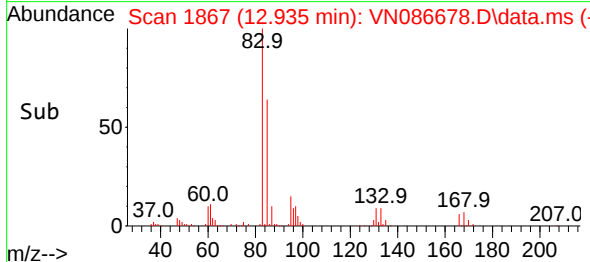
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



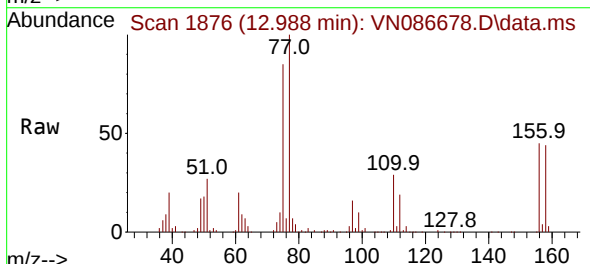
Tgt Ion: 83 Resp: 16758
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 63.6 32.4 97.2

Manual Integrations
APPROVED

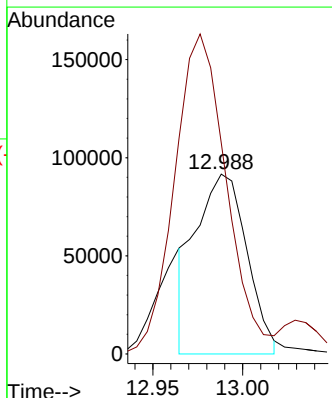
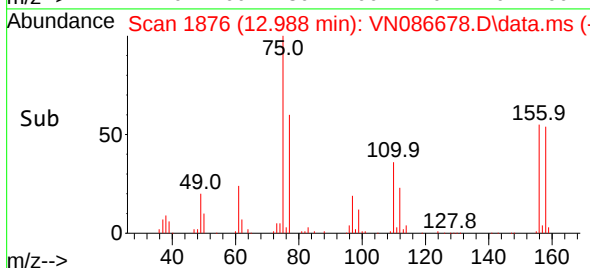
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

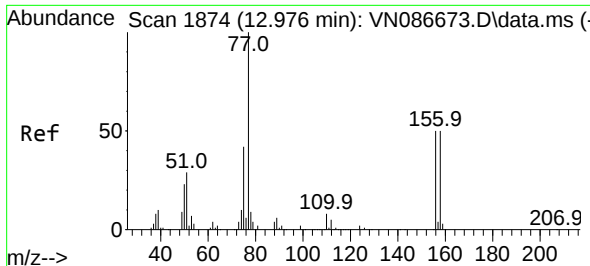


#76
1,2,3-Trichloropropane
Concen: 50.028 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



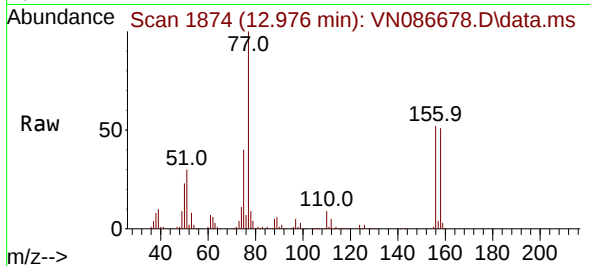
Tgt Ion: 75 Resp: 180673
Ion Ratio Lower Upper
75 100
77 181.4 96.0 288.1





#77
Bromobenzene
Concen: 47.012 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

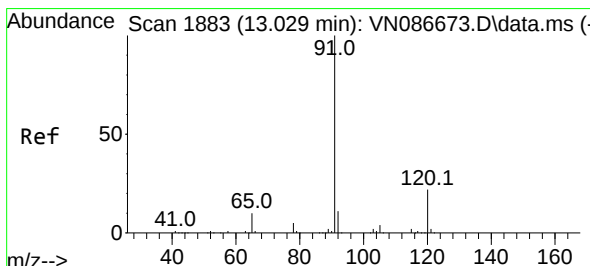
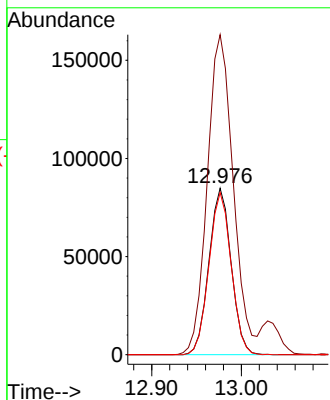
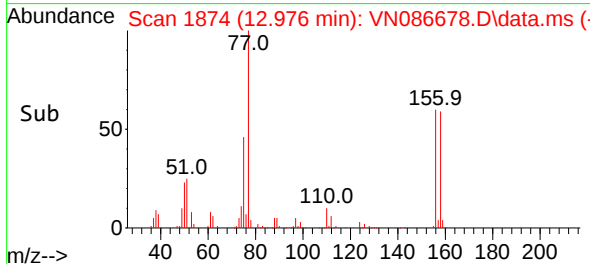
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



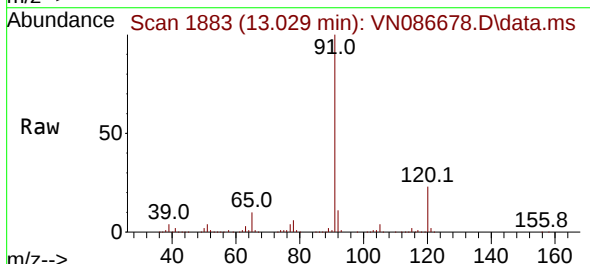
Tgt Ion:156 Resp: 145850
Ion Ratio Lower Upper
156 100
77 224.7 113.1 339.2
158 97.4 48.6 145.9

Manual Integrations
APPROVED

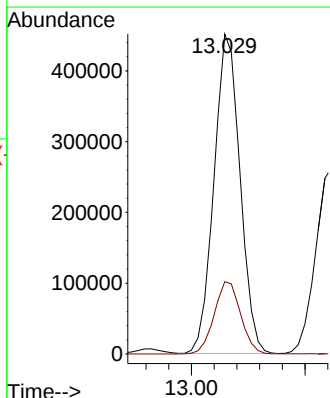
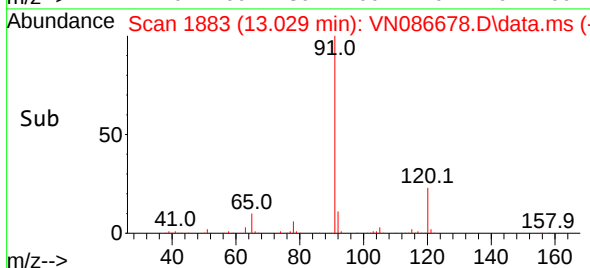
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

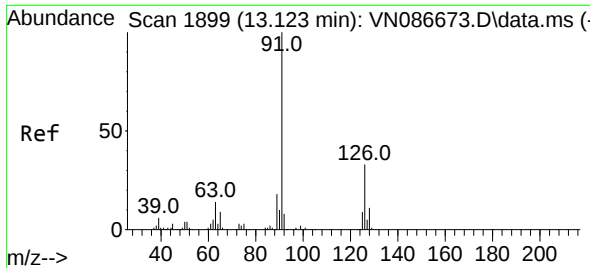


#78
n-propylbenzene
Concen: 50.739 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



Tgt Ion: 91 Resp: 718136
Ion Ratio Lower Upper
91 100
120 23.0 11.4 34.1





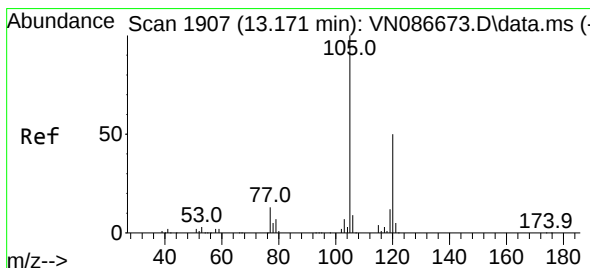
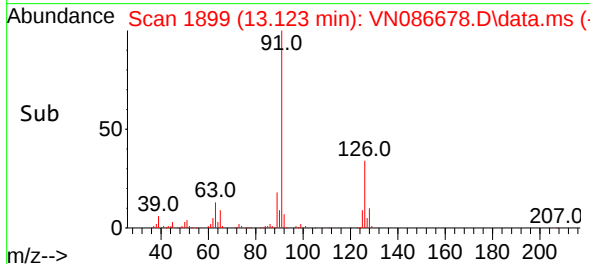
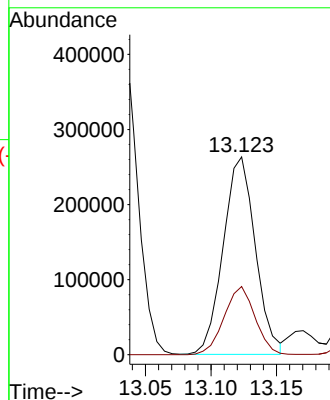
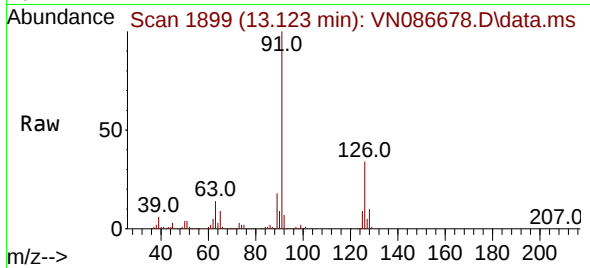
#79
2-Chlorotoluene
Concen: 48.757 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 44870
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.7

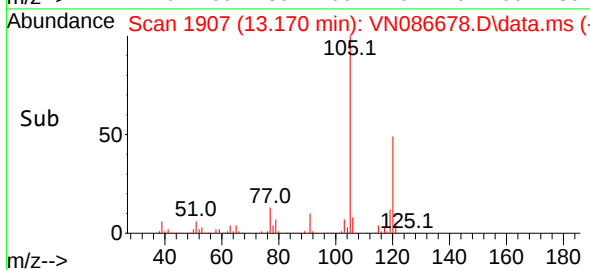
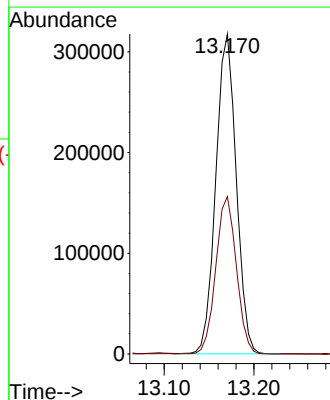
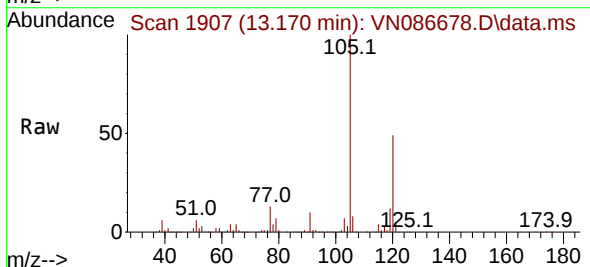
Manual Integrations
APPROVED

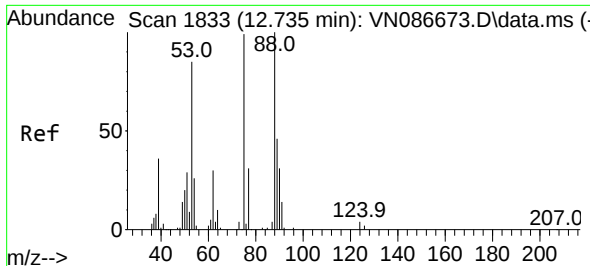
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.798 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

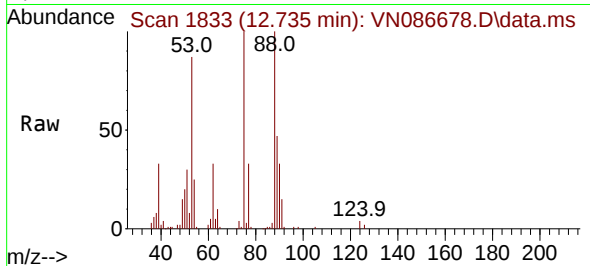
Tgt Ion:105 Resp: 501937
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 54.322 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

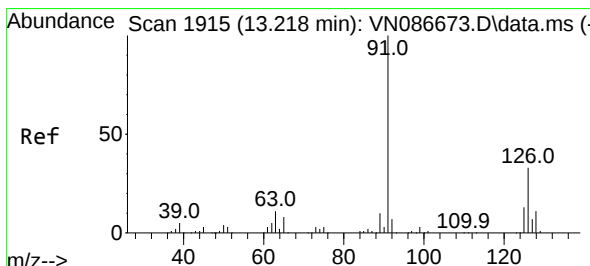
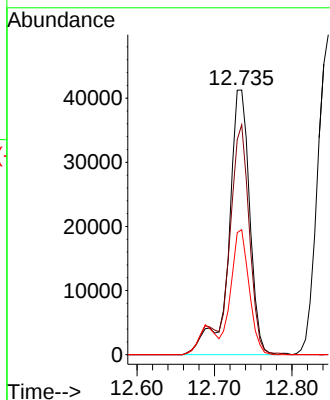
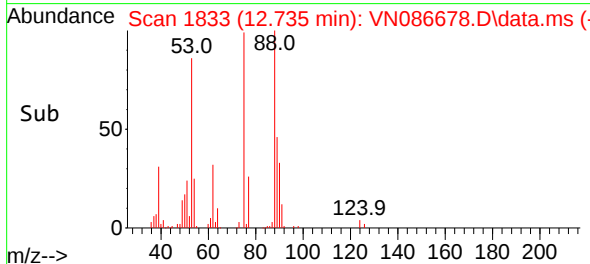
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 77730
Ion Ratio Lower Upper
75 100
53 77.1 70.4 105.6
89 41.1 32.4 48.6

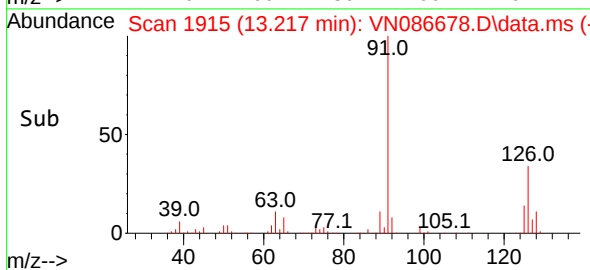
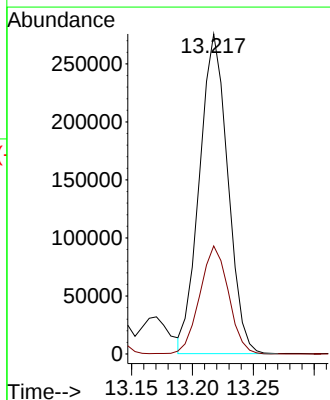
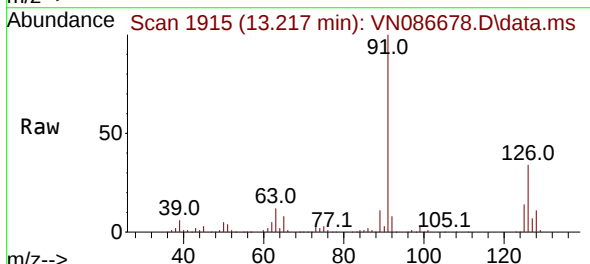
Manual Integrations
APPROVED

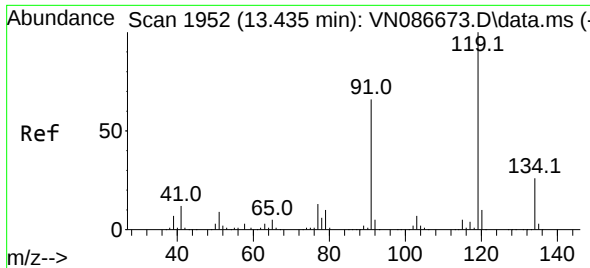
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#82
4-Chlorotoluene
Concen: 49.045 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

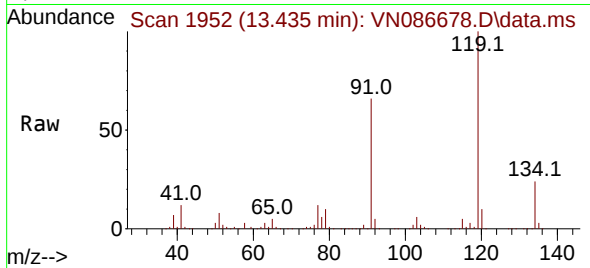
Tgt Ion: 91 Resp: 447160
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83
tert-Butylbenzene
Concen: 49.922 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

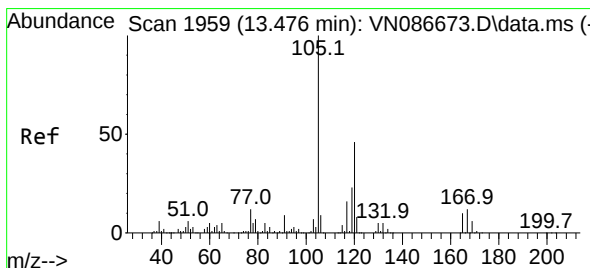
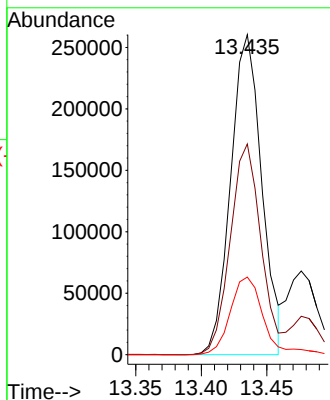
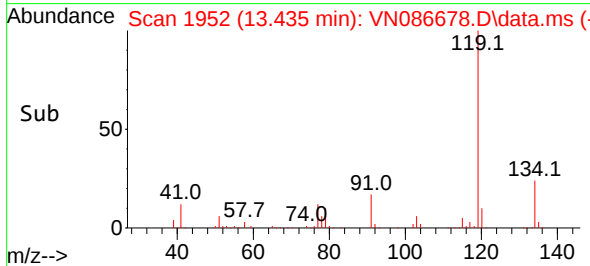
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



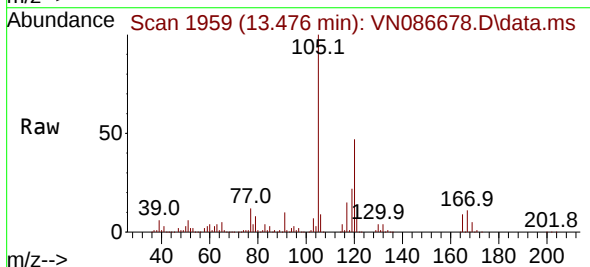
Tgt Ion:119 Resp: 430179
Ion Ratio Lower Upper
119 100
91 66.1 32.9 98.7
134 25.9 13.4 40.1

Manual Integrations
APPROVED

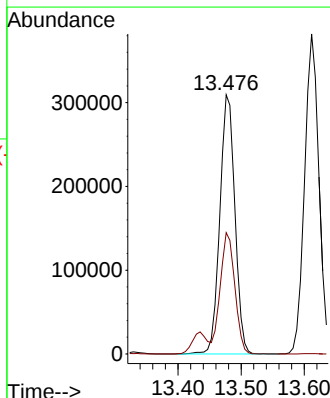
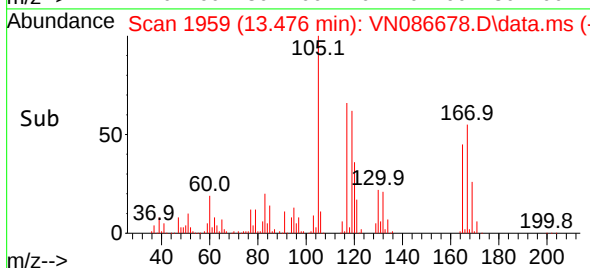
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

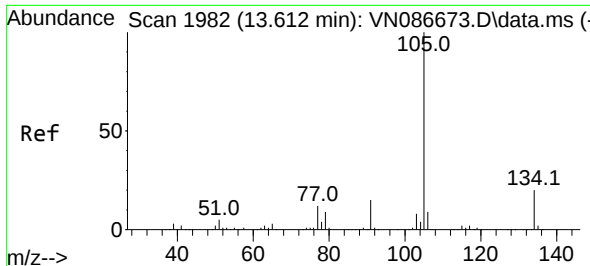


#84
1,2,4-Trimethylbenzene
Concen: 52.039 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



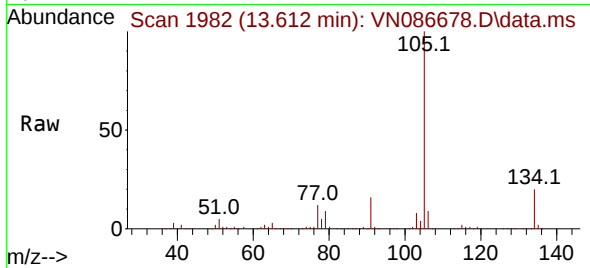
Tgt Ion:105 Resp: 512047
Ion Ratio Lower Upper
105 100
120 45.2 23.2 69.6





#85
sec-Butylbenzene
Concen: 52.015 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

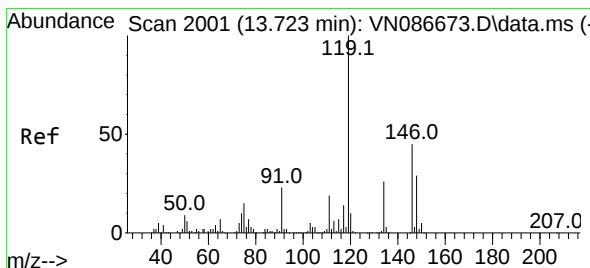
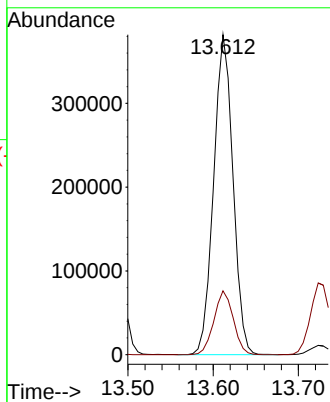
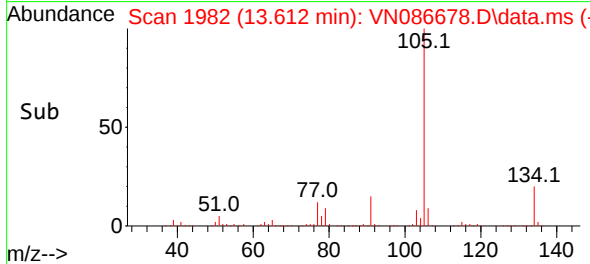
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 60099
Ion Ratio Lower Upper
105 100
134 20.0 10.1 30.1

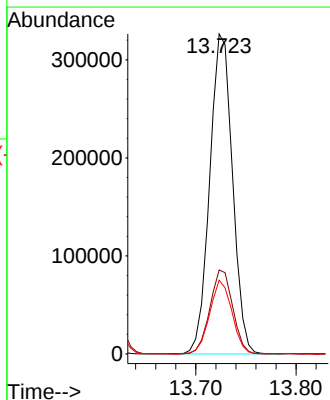
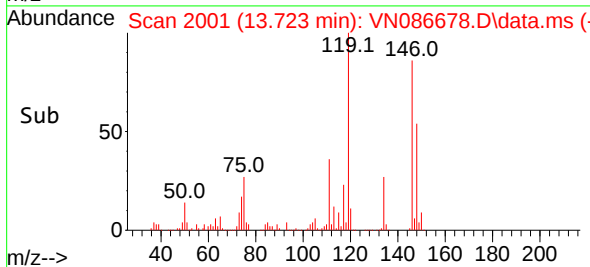
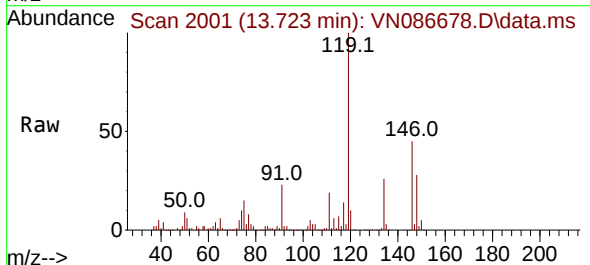
Manual Integrations
APPROVED

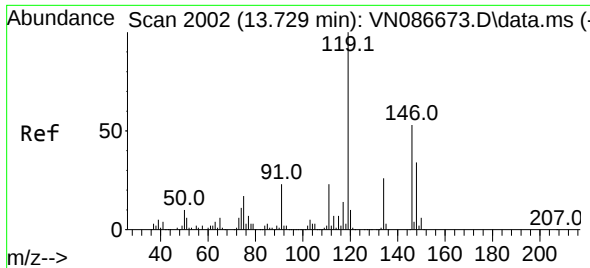
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#86
p-Isopropyltoluene
Concen: 54.379 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

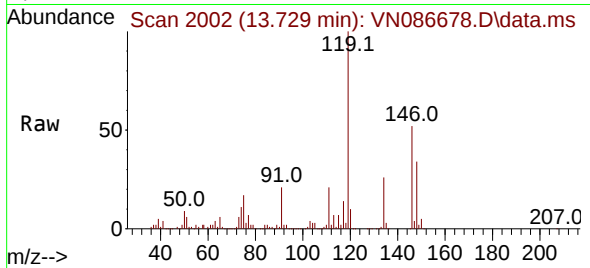
Tgt Ion:119 Resp: 515021
Ion Ratio Lower Upper
119 100
134 26.3 13.1 39.1
91 22.6 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 50.834 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

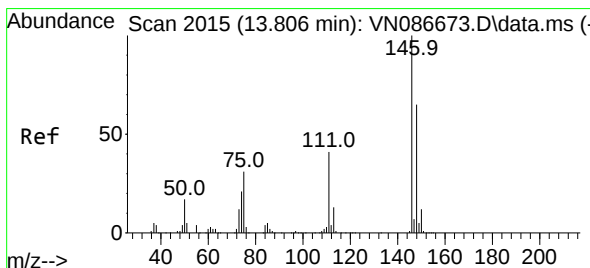
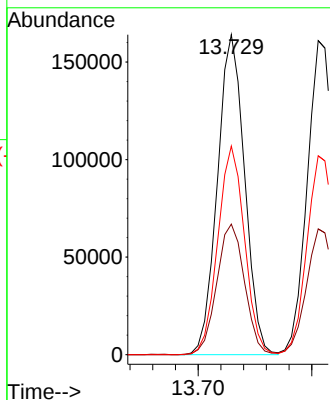
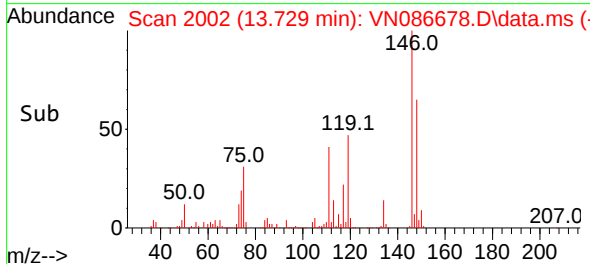
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



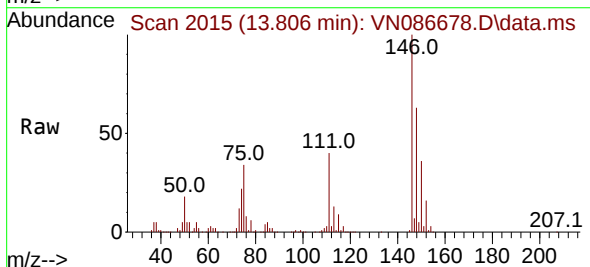
Tgt Ion:146 Resp: 273090
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.7
148 64.0 31.8 95.4

Manual Integrations
APPROVED

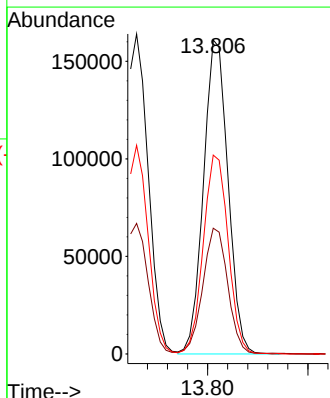
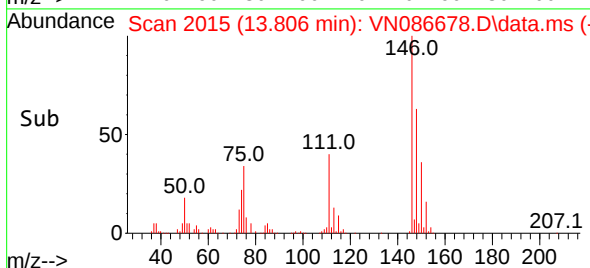
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

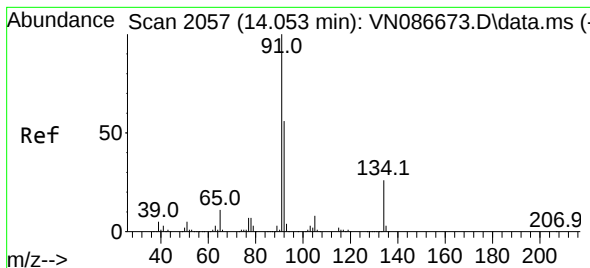


#88
1,4-Dichlorobenzene
Concen: 51.375 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



Tgt Ion:146 Resp: 273459
Ion Ratio Lower Upper
146 100
111 40.4 20.6 61.8
148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 56.867 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 44648

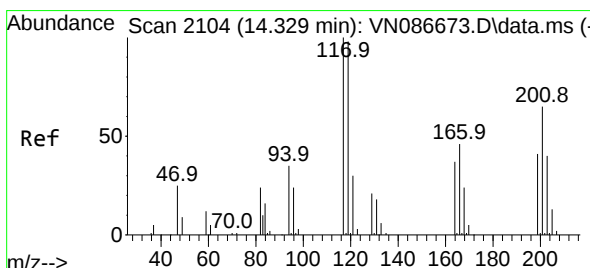
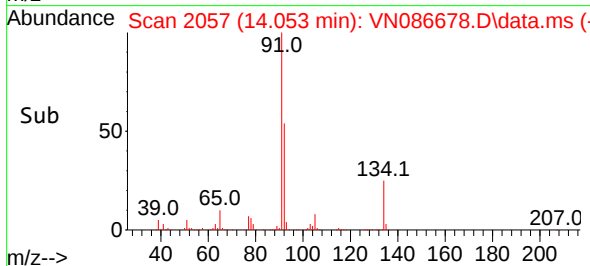
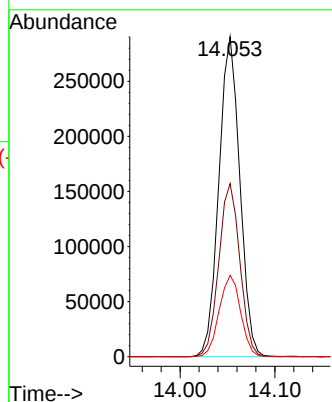
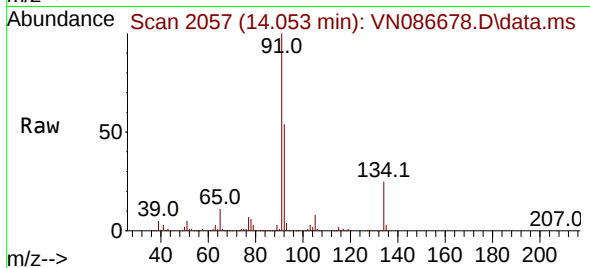
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.0
134	25.9	12.8	38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#90

Hexachloroethane

Concen: 53.447 ug/l

RT: 14.329 min Scan# 2104

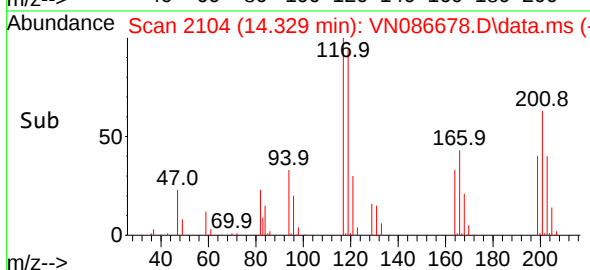
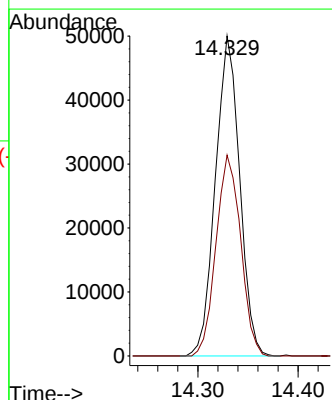
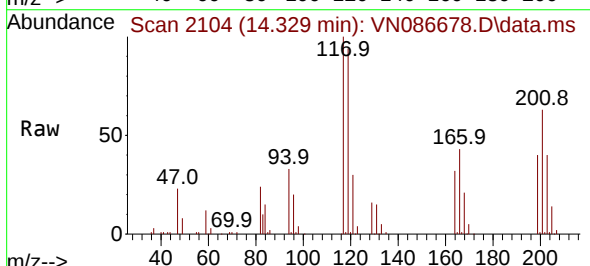
Delta R.T. -0.000 min

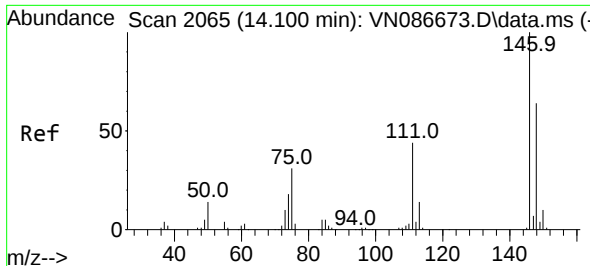
Lab File: VN086678.D

Acq: 19 May 2025 10:12

Tgt Ion:117 Resp: 83988

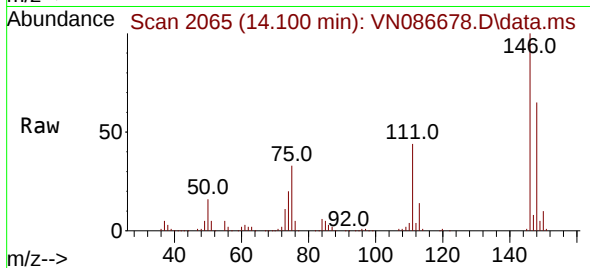
Ion	Ratio	Lower	Upper
117	100		
201	63.8	32.0	96.0





#91
1,2-Dichlorobenzene
Concen: 51.317 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

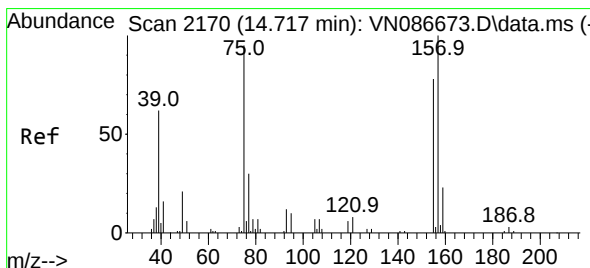
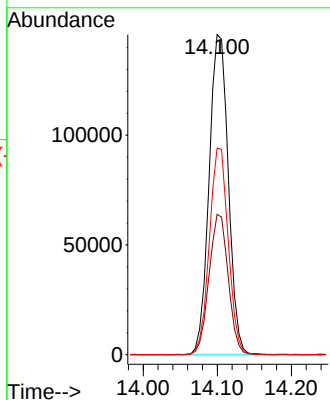
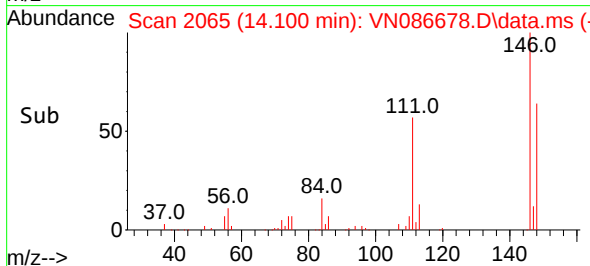
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



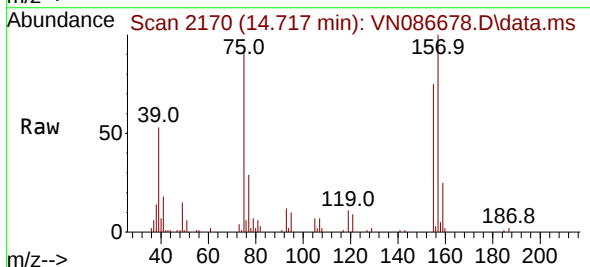
Tgt Ion:146 Resp: 26221
Ion Ratio Lower Upper
146 100
111 44.0 21.6 65.0
148 63.5 31.7 95.1

Manual Integrations
APPROVED

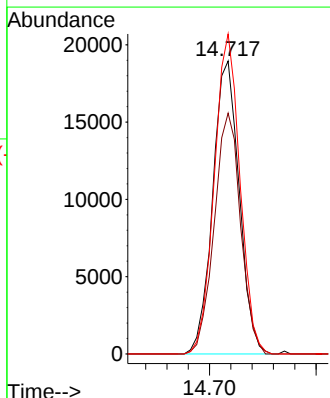
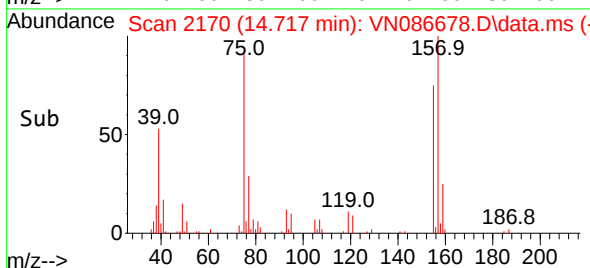
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

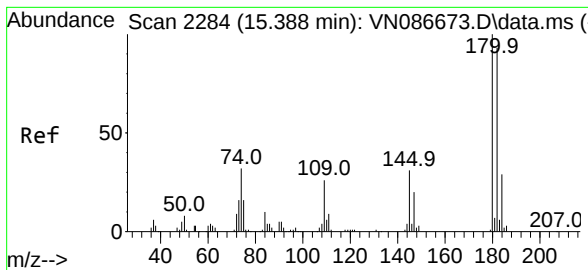


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.996 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



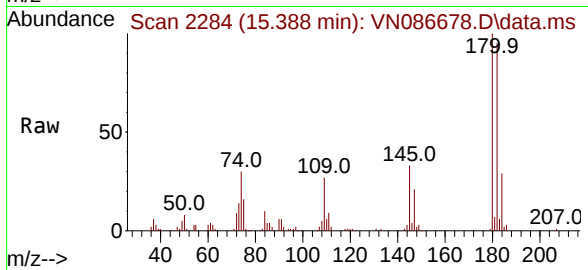
Tgt Ion: 75 Resp: 32637
Ion Ratio Lower Upper
75 100
155 82.0 40.5 121.5
157 106.0 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 58.135 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12

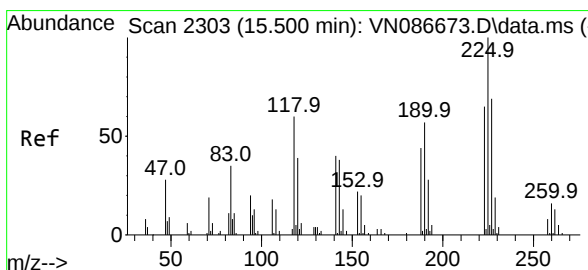
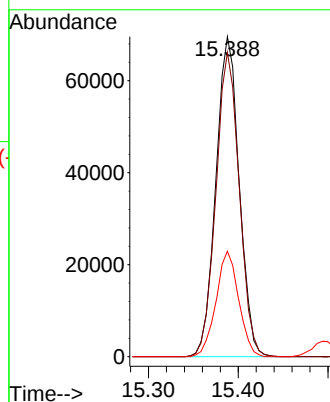
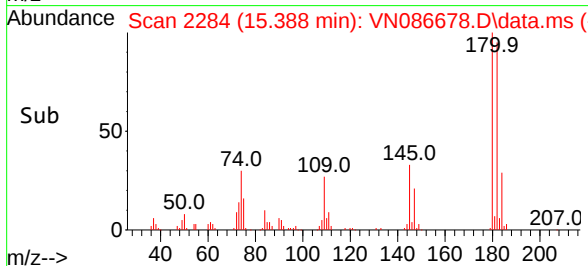
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



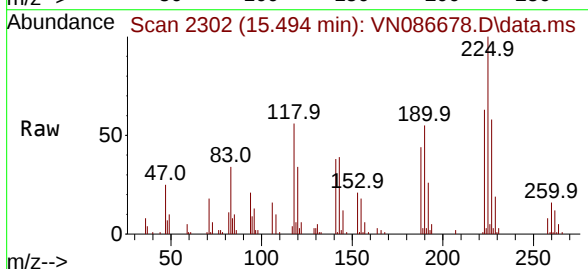
Tgt Ion:180 Resp: 125389
Ion Ratio Lower Upper
180 100
182 95.1 47.1 141.3
145 32.1 15.6 46.8

Manual Integrations
APPROVED

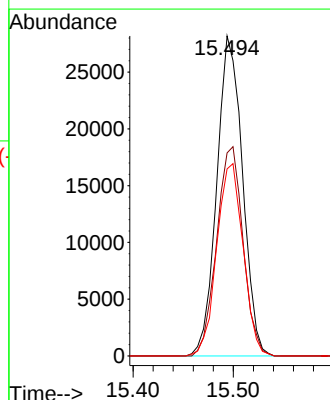
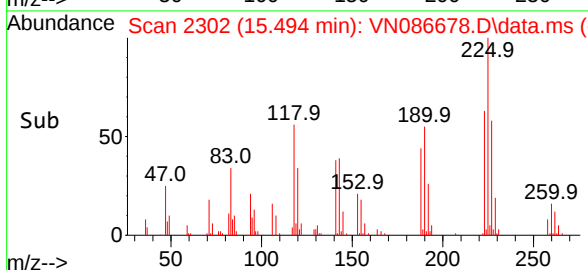
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

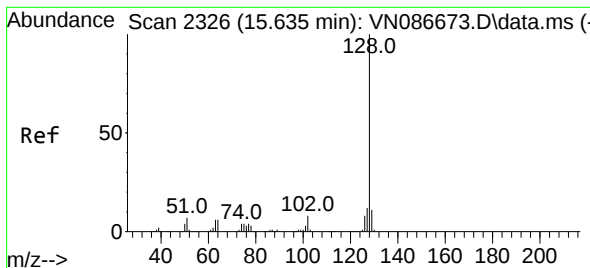


#94
Hexachlorobutadiene
Concen: 56.167 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086678.D
Acq: 19 May 2025 10:12



Tgt Ion:225 Resp: 50262
Ion Ratio Lower Upper
225 100
223 66.9 32.9 98.6
227 61.7 32.4 97.2





#95

Naphthalene

Concen: 54.306 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

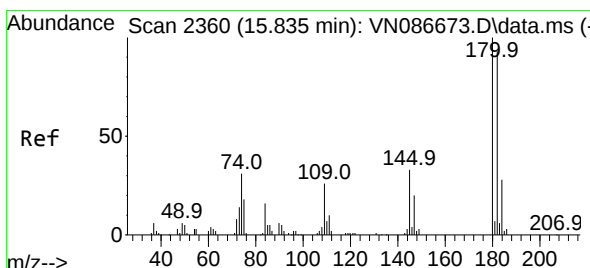
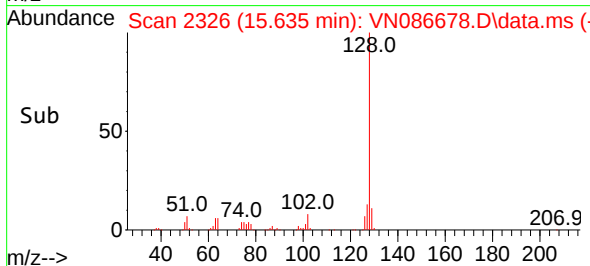
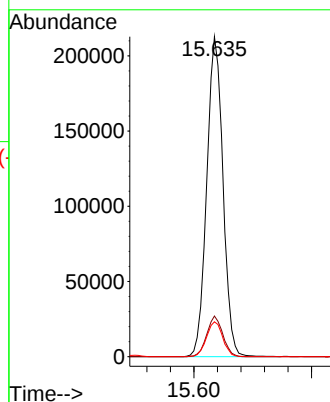
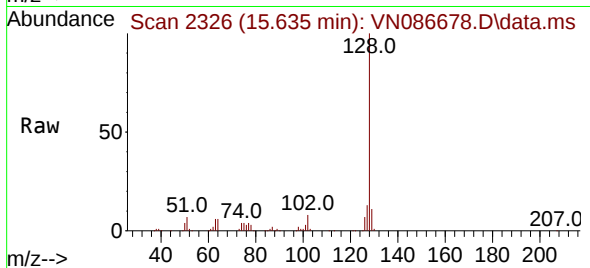
Tgt Ion:128	Resp: 406700
Ion Ratio	Lower Upper
128 100	
127 12.5	10.1 15.1
129 10.9	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 55.439 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086678.D

Acq: 19 May 2025 10:12

Tgt Ion:180	Resp: 117100
Ion Ratio	Lower Upper
180 100	
182 95.7	47.0 141.2
145 33.3	16.7 50.1

