

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086788.D
 Acq On : 27 May 2025 17:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 01:53:10 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	8.224	168	236058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	413381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	366573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141476	43.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.740%		
35) Dibromofluoromethane	8.165	113	117217	47.613	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.220%		
50) Toluene-d8	10.565	98	498766	48.889	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.780%		
62) 4-Bromofluorobenzene	12.847	95	179690	49.882	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	126759	49.724	ug/l	100
3) Chloromethane	2.359	50	166040	43.062	ug/l	98
4) Vinyl Chloride	2.512	62	158782	45.853	ug/l	98
5) Bromomethane	2.947	94	82295	41.224	ug/l	88
6) Chloroethane	3.112	64	98353	43.356	ug/l	93
7) Trichlorofluoromethane	3.495	101	195727	47.296	ug/l	97
8) Diethyl Ether	3.959	74	82206	48.086	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	122351	49.386	ug/l	97
10) Methyl Iodide	4.589	142	142987	46.398	ug/l	95
11) Tert butyl alcohol	5.518	59	114521	192.773	ug/l	99
12) 1,1-Dichloroethene	4.336	96	124026	47.106	ug/l	94
13) Acrolein	4.177	56	114874	180.882	ug/l	99
14) Allyl chloride	5.024	41	181673	45.587	ug/l	93
15) Acrylonitrile	5.718	53	327713	222.797	ug/l	99
16) Acetone	4.424	43	236087	193.488	ug/l	92
17) Carbon Disulfide	4.712	76	326883	44.842	ug/l	99
18) Methyl Acetate	5.018	43	167967	49.184	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	423122	47.197	ug/l	99
20) Methylene Chloride	5.271	84	142671	44.310	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	130187	46.767	ug/l	99
22) Diisopropyl ether	6.671	45	409199	45.513	ug/l	95
23) Vinyl Acetate	6.600	43	847364	125.403	ug/l	99
24) 1,1-Dichloroethane	6.565	63	245216	46.455	ug/l	99
25) 2-Butanone	7.477	43	392491	208.164	ug/l	97
26) 2,2-Dichloropropane	7.488	77	208662	47.900	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	160826	47.068	ug/l	99
28) Bromochloromethane	7.812	49	108528	45.252	ug/l	93
29) Tetrahydrofuran	7.835	42	263980	214.498	ug/l	98
30) Chloroform	7.965	83	238453	45.132	ug/l	98
31) Cyclohexane	8.253	56	209002	42.692	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	204623	45.936	ug/l	98
36) 1,1-Dichloropropene	8.371	75	176574	48.625	ug/l	99
37) Ethyl Acetate	7.553	43	153623	41.880	ug/l	97
38) Carbon Tetrachloride	8.359	117	175022	48.917	ug/l	97
39) Methylcyclohexane	9.600	83	198360	50.470	ug/l	97
40) Benzene	8.600	78	570891	48.192	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086788.D
 Acq On : 27 May 2025 17:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

Quant Time: May 29 01:53:10 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	87503	44.181	ug/l	97
42) 1,2-Dichloroethane	8.665	62	169360	45.890	ug/l	98
43) Isopropyl Acetate	8.682	43	278126	37.822	ug/l	95
44) Trichloroethene	9.347	130	173433	60.700	ug/l	98
45) 1,2-Dichloropropane	9.618	63	136285	48.429	ug/l	100
46) Dibromomethane	9.706	93	91847	48.370	ug/l	98
47) Bromodichloromethane	9.882	83	190226	48.621	ug/l	98
48) Methyl methacrylate	9.676	41	126015	44.223	ug/l	93
49) 1,4-Dioxane	9.694	88	52552	870.961	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	818185	220.633	ug/l	96
52) Toluene	10.629	92	362415	49.224	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	208949	50.442	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	228345	50.497	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	131597	47.915	ug/l	98
56) Ethyl methacrylate	10.871	69	218814	49.621	ug/l	94
57) 1,3-Dichloropropane	11.159	76	227671	48.118	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	506647	257.073	ug/l	98
59) 2-Hexanone	11.194	43	589029	217.511	ug/l	96
60) Dibromochloromethane	11.359	129	148865	51.719	ug/l	98
61) 1,2-Dibromoethane	11.465	107	131433	47.622	ug/l	98
64) Tetrachloroethene	11.100	164	200954	71.561	ug/l	97
65) Chlorobenzene	11.888	112	398955	49.632	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	131508	50.678	ug/l	99
67) Ethyl Benzene	11.959	91	687733	49.951	ug/l	99
68) m/p-Xylenes	12.070	106	536888	102.953	ug/l	97
69) o-Xylene	12.394	106	260215	50.190	ug/l	100
70) Styrene	12.406	104	441209	51.979	ug/l	99
71) Bromoform	12.576	173	95948	51.990	ug/l #	97
73) Isopropylbenzene	12.694	105	625171	46.045	ug/l	99
74) N-amyl acetate	12.494	43	213002	37.549	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	124354	29.813	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	189607m	47.691	ug/l	
77) Bromobenzene	12.976	156	154363	45.197	ug/l	96
78) n-propylbenzene	13.035	91	730273	46.869	ug/l	99
79) 2-Chlorotoluene	13.123	91	462300	45.632	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	517255	47.551	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	68744	43.636	ug/l	91
82) 4-Chlorotoluene	13.217	91	462006	46.030	ug/l	100
83) tert-Butylbenzene	13.435	119	445033	46.913	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	521015	48.098	ug/l	99
85) sec-Butylbenzene	13.611	105	612045	48.117	ug/l	100
86) p-Isopropyltoluene	13.723	119	520447	49.917	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	284162	48.048	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	286838	48.951	ug/l	99
89) n-Butylbenzene	14.053	91	442768	51.226	ug/l	99
90) Hexachloroethane	14.329	117	85167	49.232	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	275083	48.902	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30741	44.488	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	127965	53.893	ug/l	100
94) Hexachlorobutadiene	15.500	225	51631	52.410	ug/l	97
95) Naphthalene	15.635	128	407258	49.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	119373	51.337	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
Data File : VN086788.D
Acq On : 27 May 2025 17:04
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

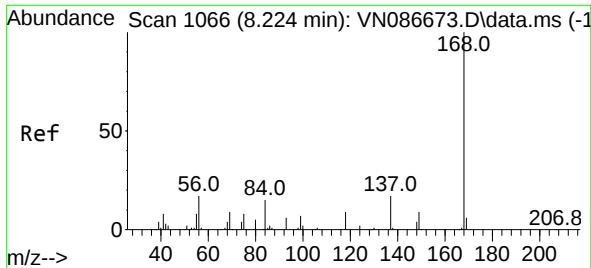
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

Quant Time: May 29 01:53:10 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

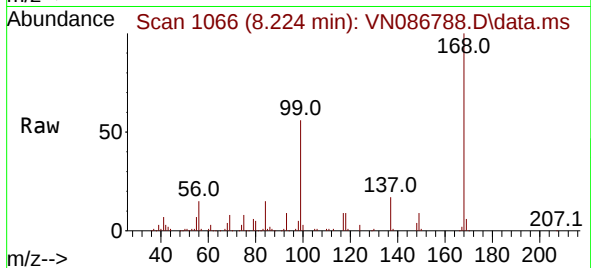
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

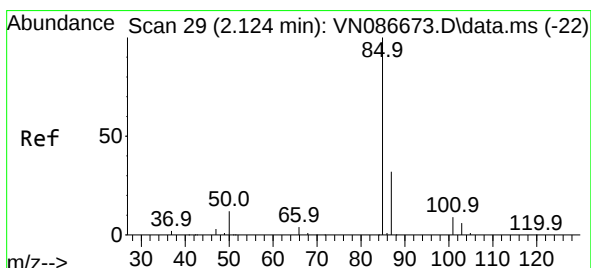
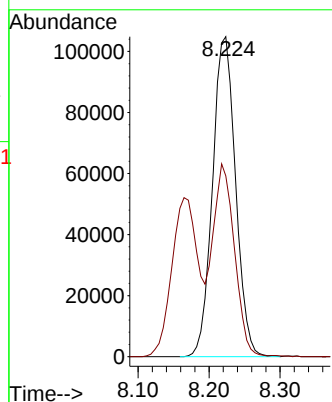
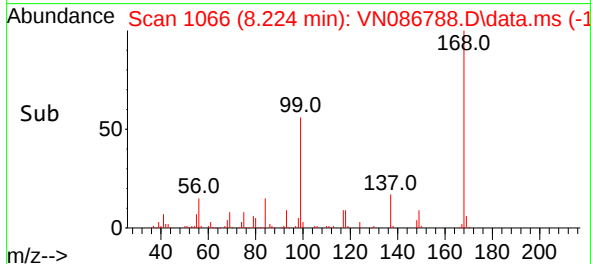
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 236058
Ion Ratio Lower Upper
168 100
99 56.2 47.0 70.4

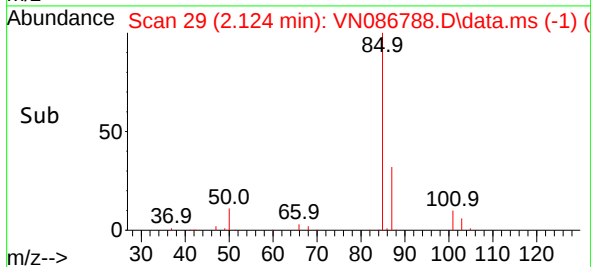
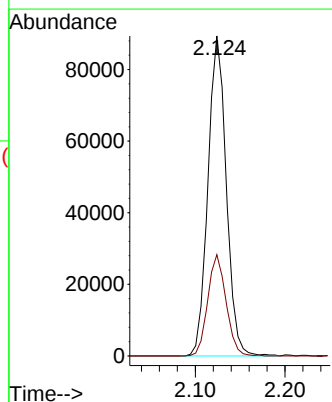
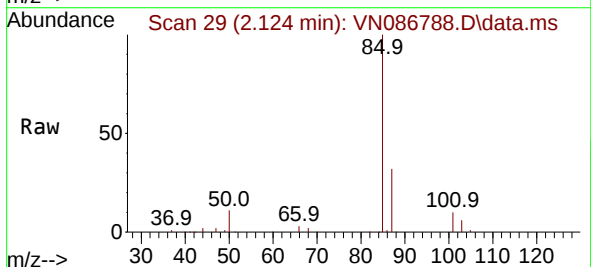
Manual Integrations
APPROVED

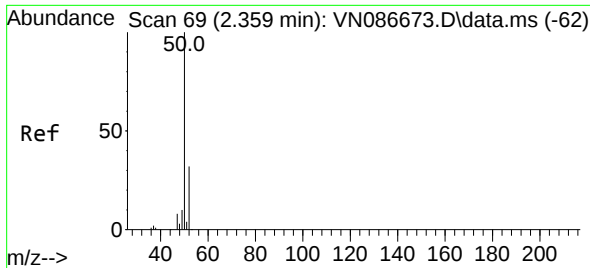
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 49.724 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

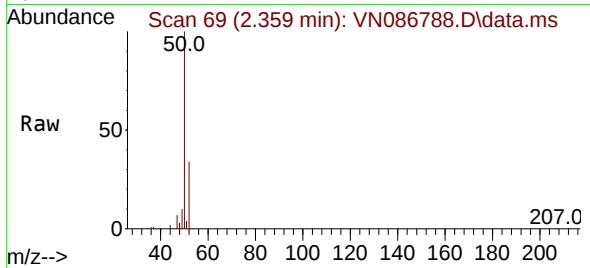
Tgt Ion: 85 Resp: 126759
Ion Ratio Lower Upper
85 100
87 31.7 15.9 47.6





#3
Chloromethane
Concen: 43.062 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

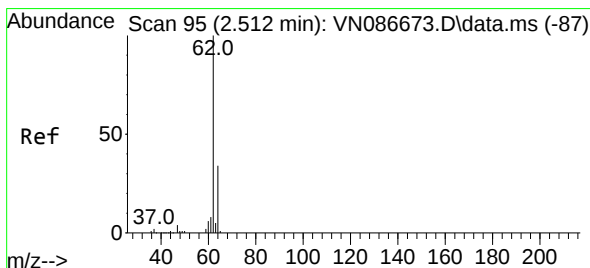
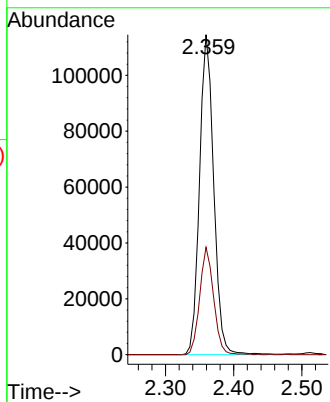
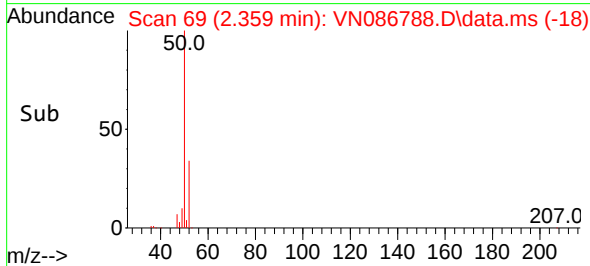
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 166040
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9

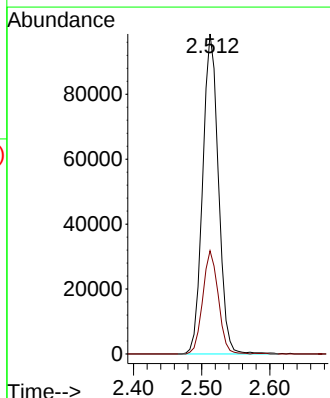
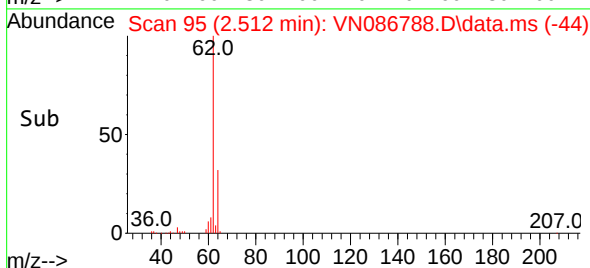
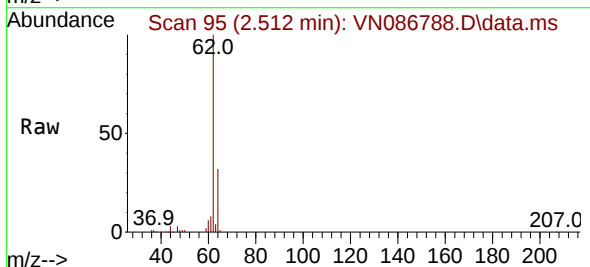
Manual Integrations
APPROVED

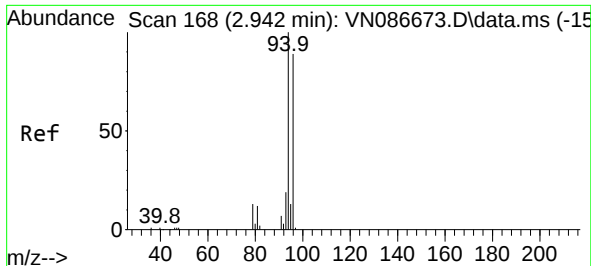
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#4
Vinyl Chloride
Concen: 45.853 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

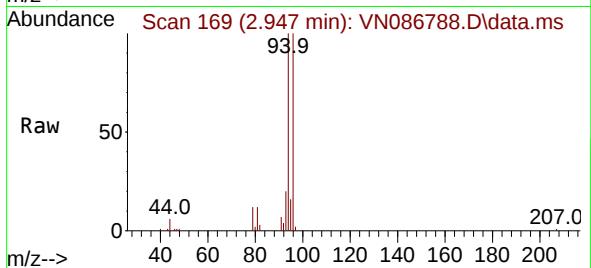
Tgt Ion: 62 Resp: 158782
Ion Ratio Lower Upper
62 100
64 32.3 26.9 40.3





#5
Bromomethane
Concen: 41.224 ug/l
RT: 2.947 min Scan# 168
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

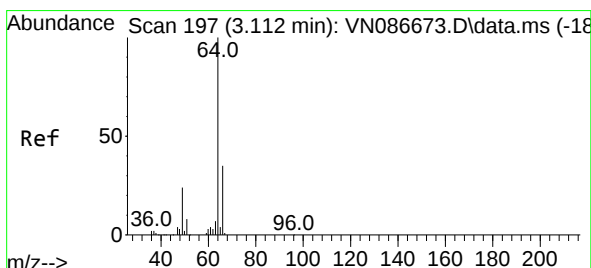
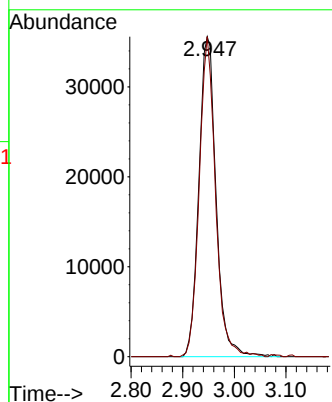
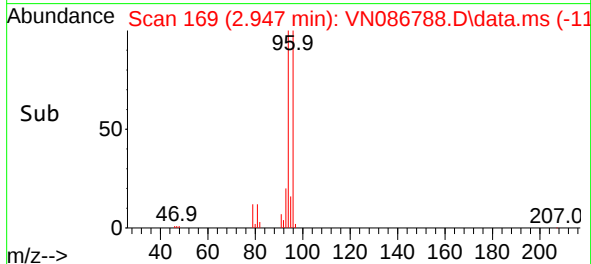
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 82295
Ion Ratio Lower Upper
94 100
96 100.0 71.2 106.8

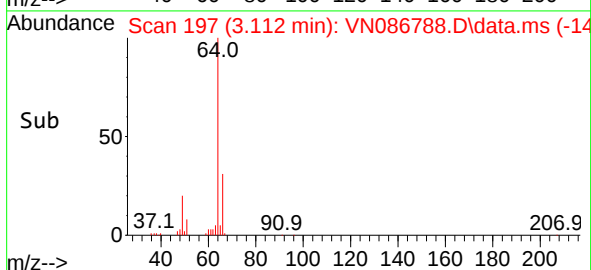
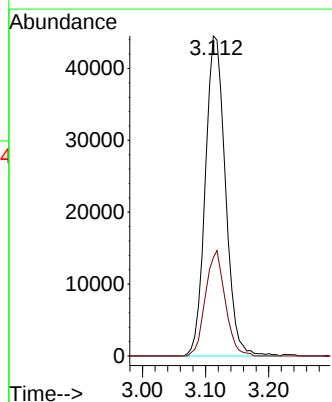
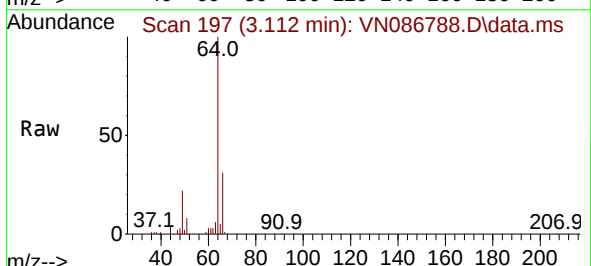
Manual Integrations
APPROVED

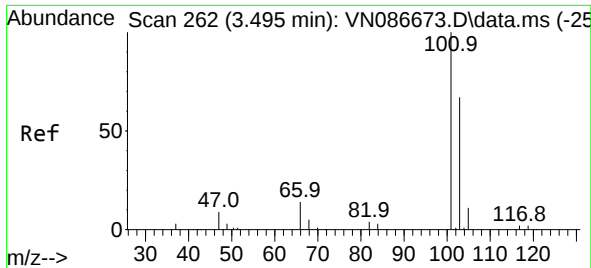
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#6
Chloroethane
Concen: 43.356 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

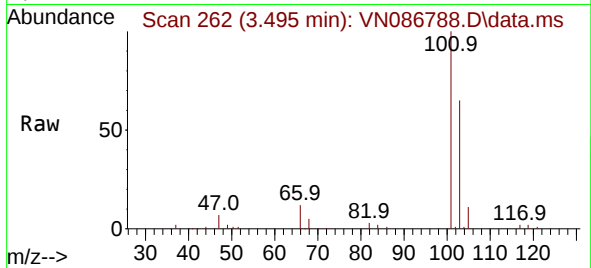
Tgt Ion: 64 Resp: 98353
Ion Ratio Lower Upper
64 100
66 30.7 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 47.296 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

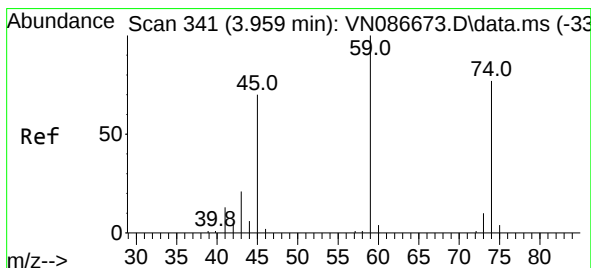
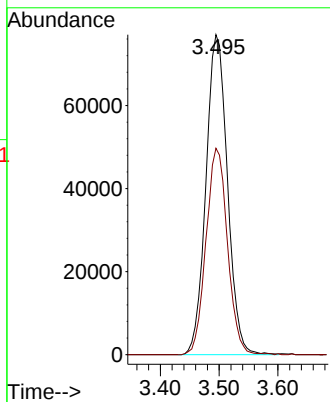
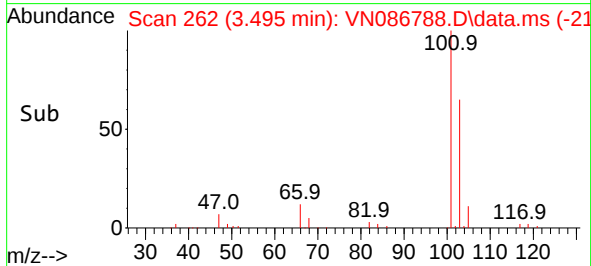
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 19572
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.0

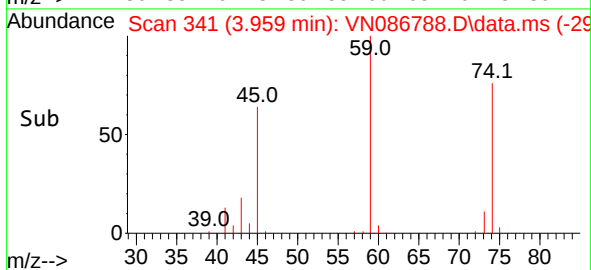
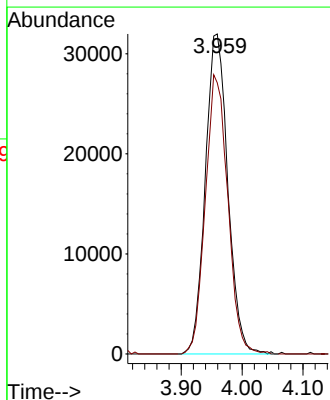
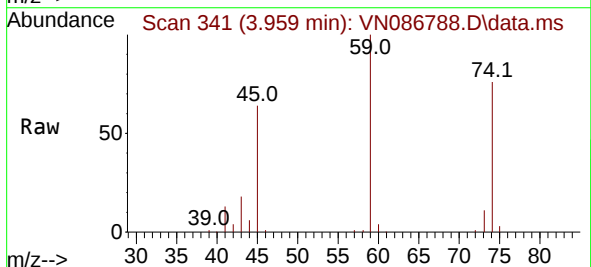
Manual Integrations
 APPROVED

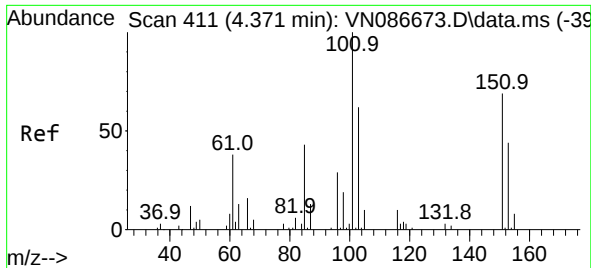
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#8
 Diethyl Ether
 Concen: 48.086 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

Tgt Ion: 74 Resp: 82206
 Ion Ratio Lower Upper
 74 100
 45 86.9 45.0 135.0





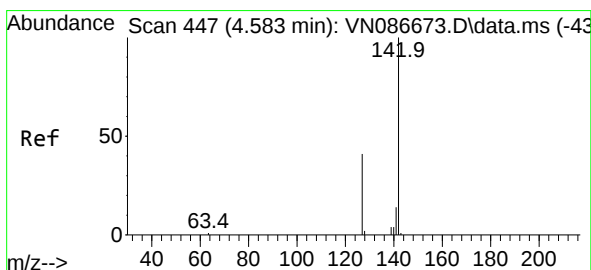
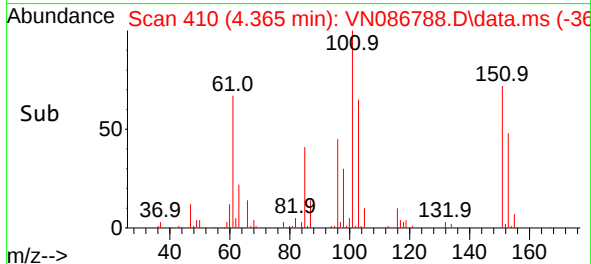
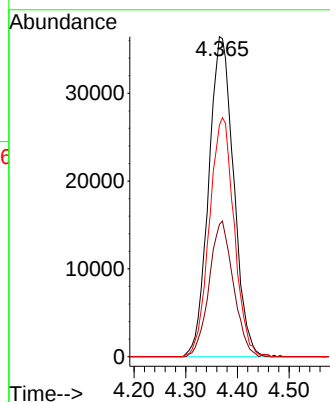
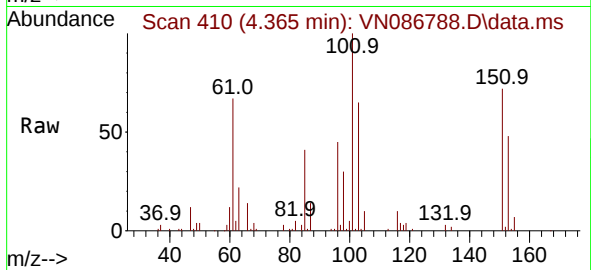
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.386 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12235
Ion Ratio Lower Upper
101 100
85 41.0 35.0 52.6
151 74.0 58.1 87.1

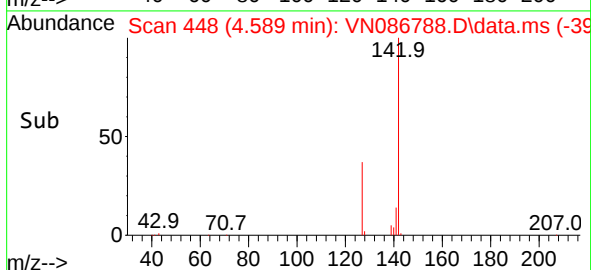
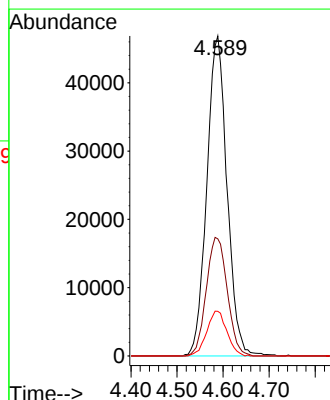
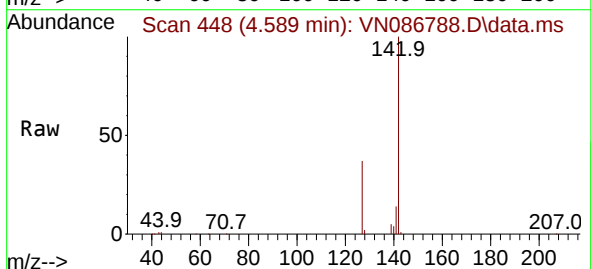
Manual Integrations
APPROVED

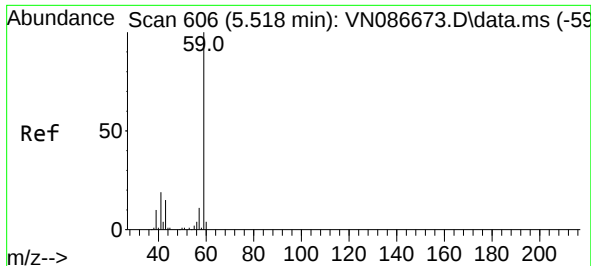
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 46.398 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

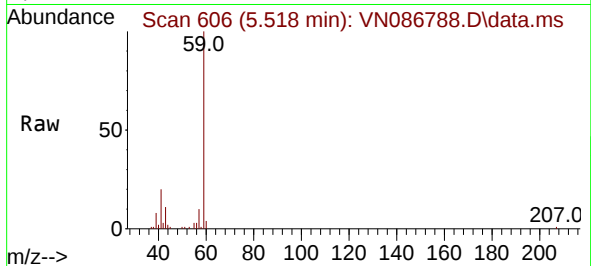
Tgt Ion:142 Resp: 142987
Ion Ratio Lower Upper
142 100
127 36.6 32.4 48.6
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 192.773 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

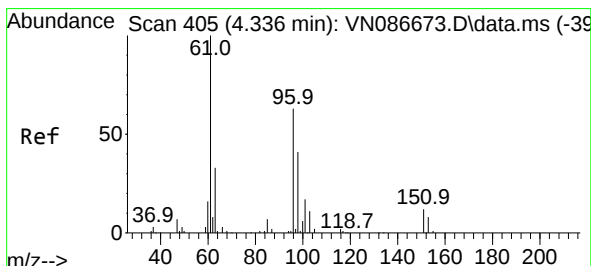
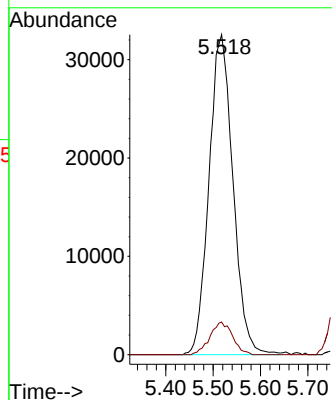
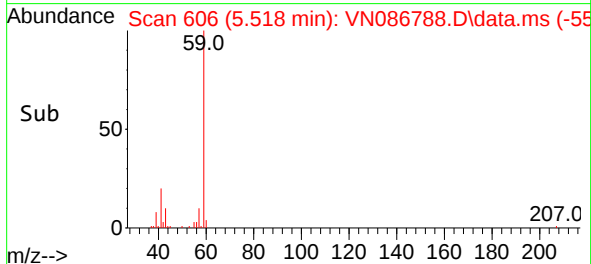
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



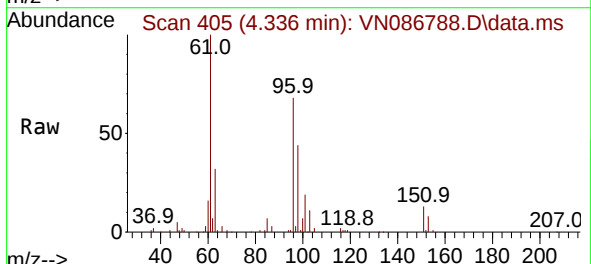
Tgt Ion: 59 Resp: 11452
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

Manual Integrations
APPROVED

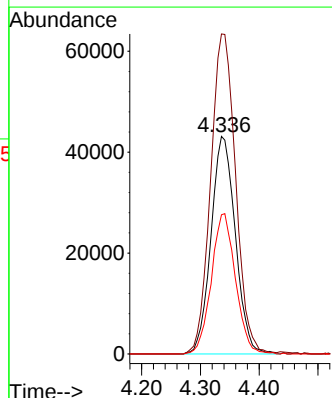
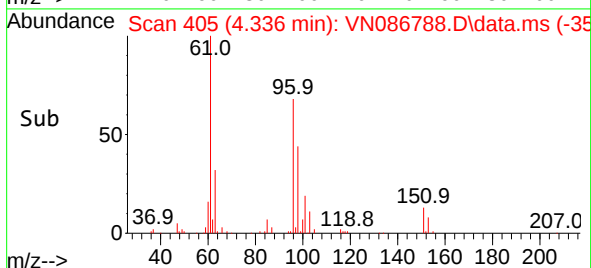
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#12
1,1-Dichloroethene
Concen: 47.106 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



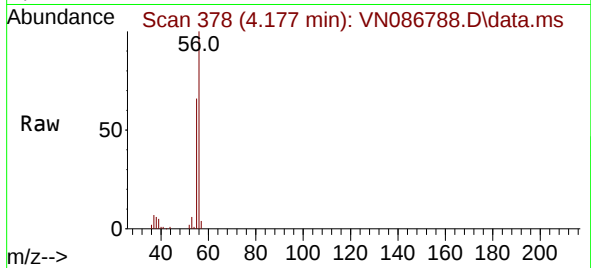
Tgt Ion: 96 Resp: 124026
Ion Ratio Lower Upper
96 100
61 147.1 126.2 189.2
98 64.0 51.5 77.3





#13
Acrolein
Concen: 180.882 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

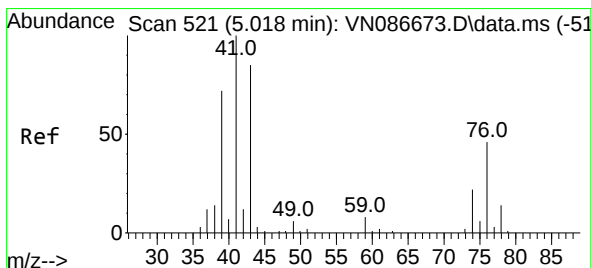
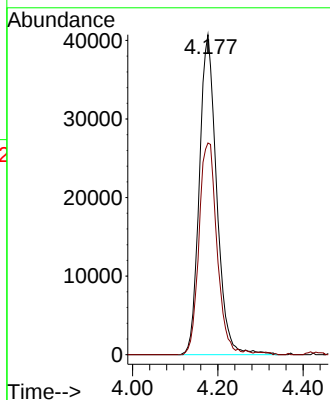
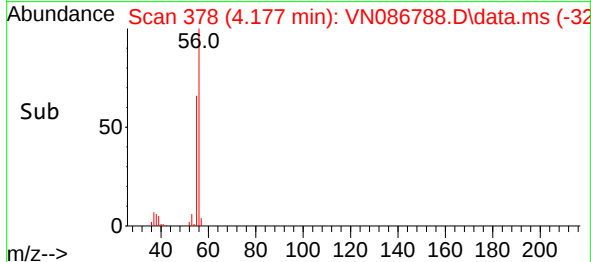
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



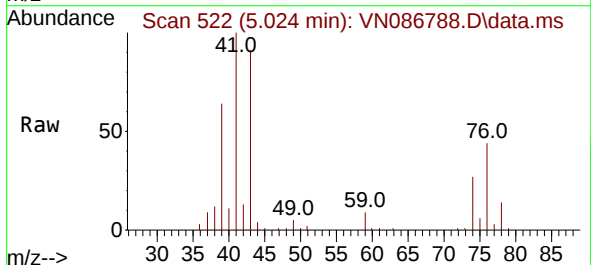
Tgt Ion: 56 Resp: 114874
Ion Ratio Lower Upper
56 100
55 68.6 55.7 83.5

Manual Integrations
APPROVED

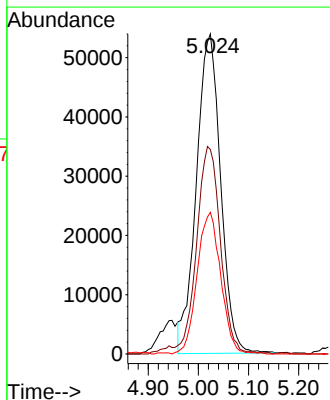
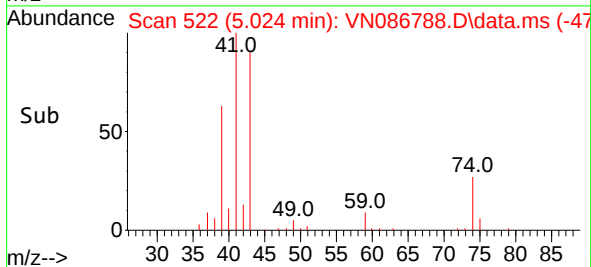
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

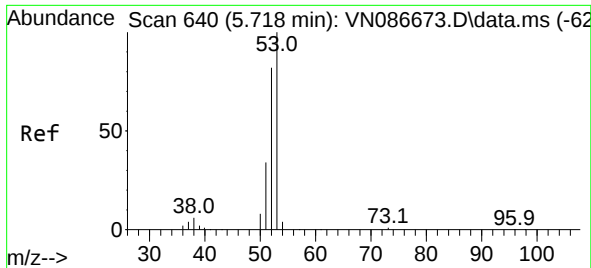


#14
Allyl chloride
Concen: 45.587 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



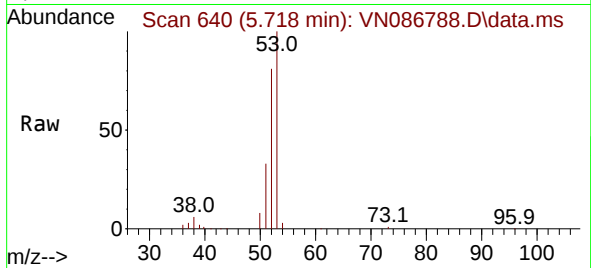
Tgt Ion: 41 Resp: 181673
Ion Ratio Lower Upper
41 100
39 63.8 57.4 86.0
76 43.1 33.2 49.8





#15
Acrylonitrile
Concen: 222.797 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

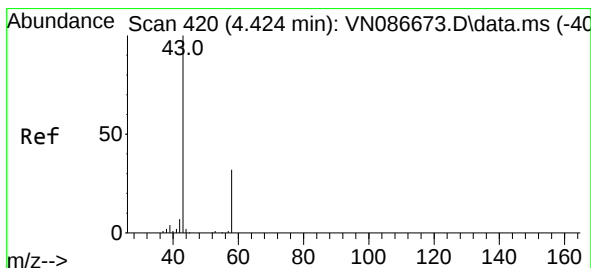
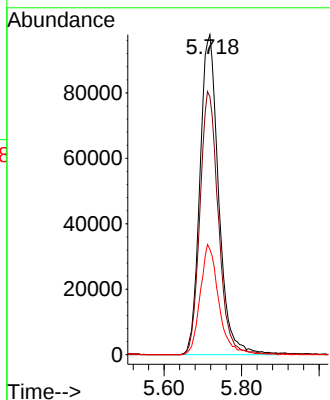
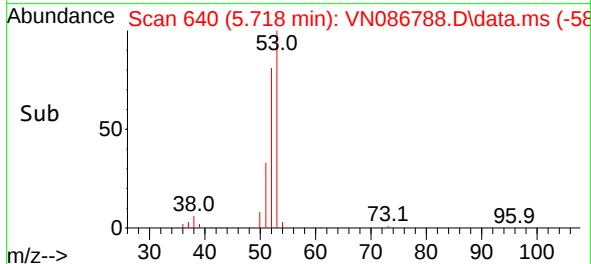
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 32771
Ion Ratio Lower Upper
53 100
52 80.7 65.4 98.2
51 34.0 27.9 41.9

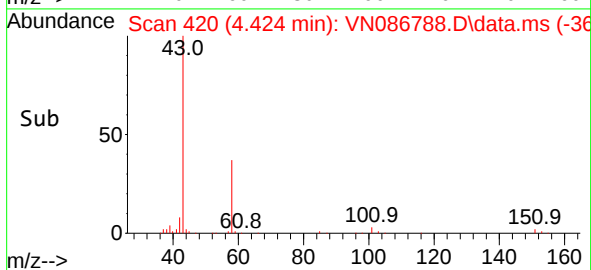
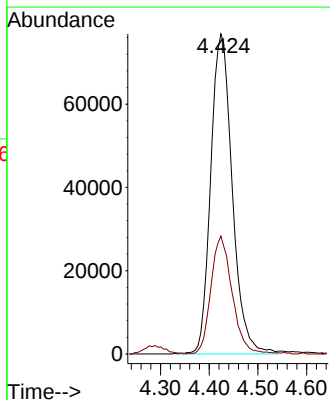
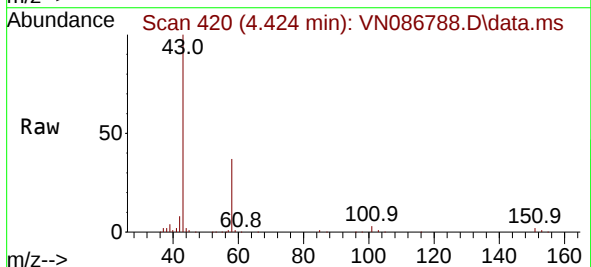
Manual Integrations
APPROVED

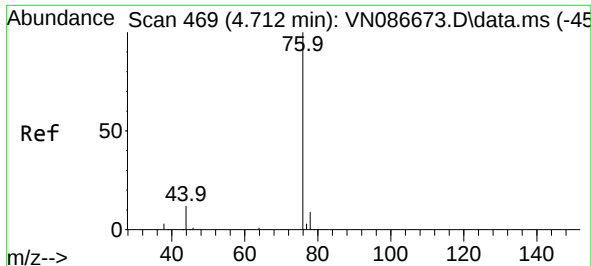
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#16
Acetone
Concen: 193.488 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

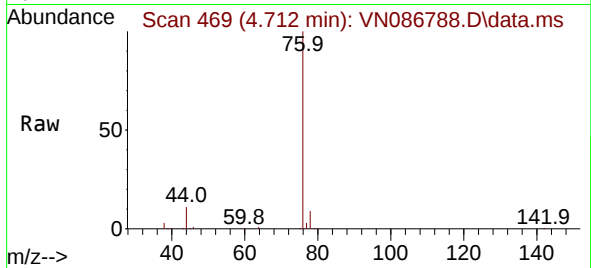
Tgt Ion: 43 Resp: 236087
Ion Ratio Lower Upper
43 100
58 36.6 25.8 38.6





#17
Carbon Disulfide
Concen: 44.842 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

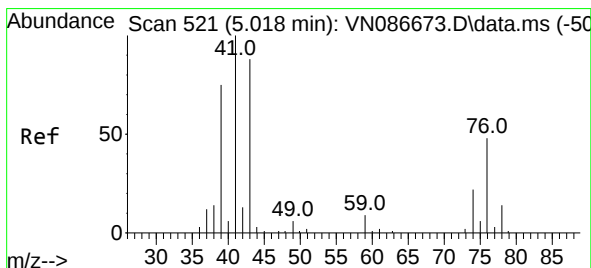
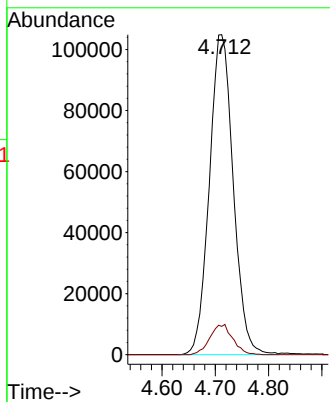
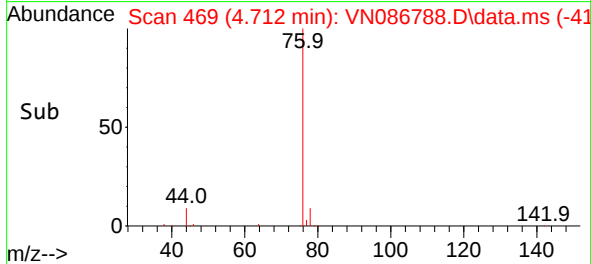
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 32688
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

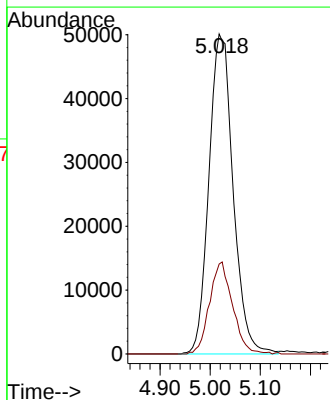
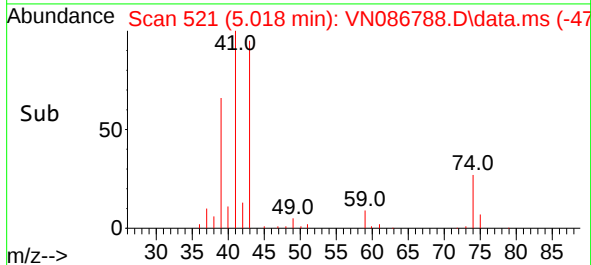
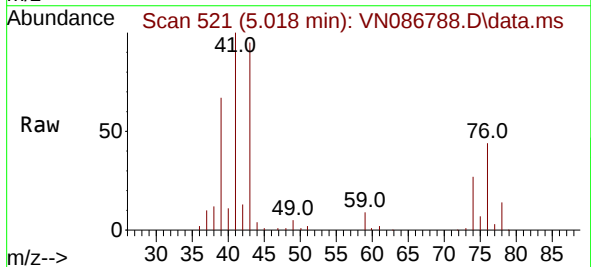
Manual Integrations
APPROVED

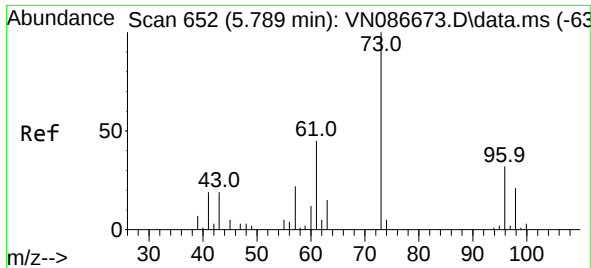
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#18
Methyl Acetate
Concen: 49.184 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Tgt Ion: 43 Resp: 167967
Ion Ratio Lower Upper
43 100
74 27.4 20.5 30.7





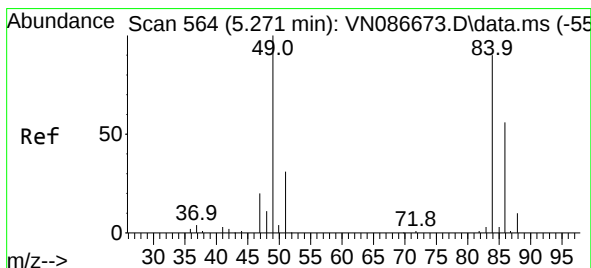
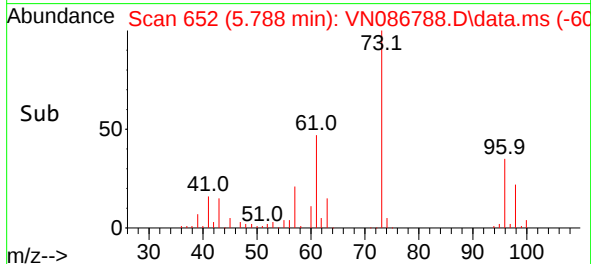
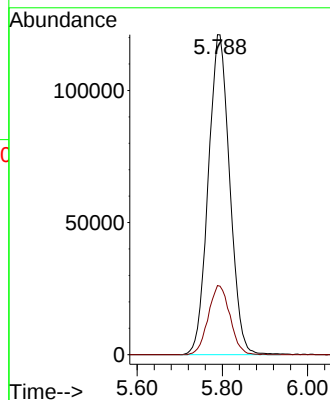
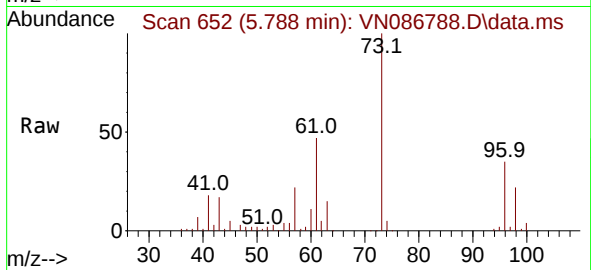
#19
Methyl tert-butyl Ether
Concen: 47.197 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 42312
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

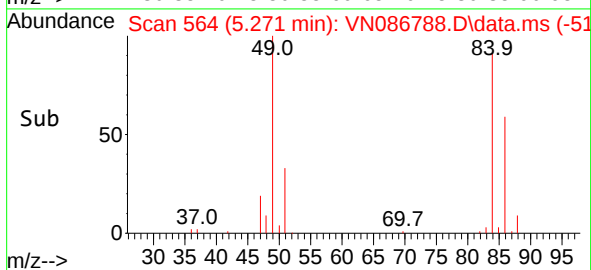
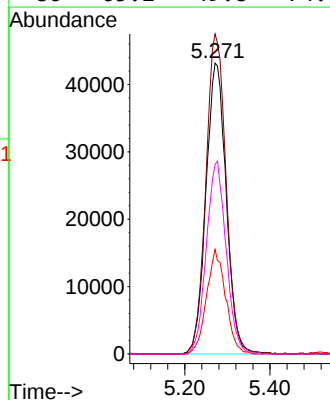
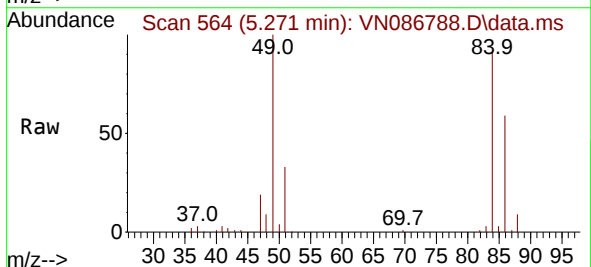
Manual Integrations
APPROVED

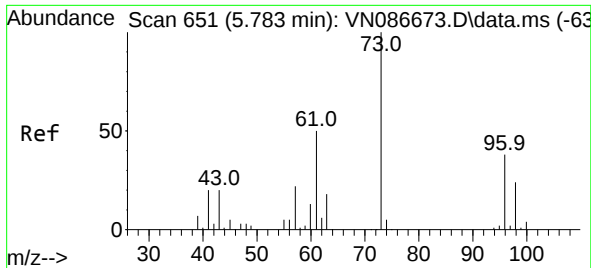
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 44.310 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

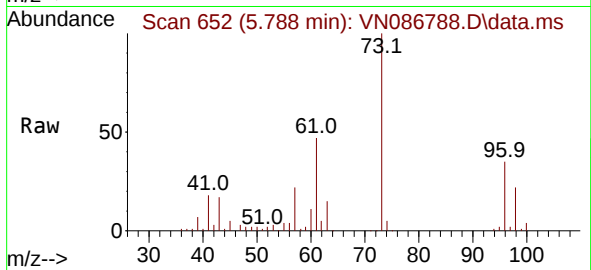
Tgt Ion: 84 Resp: 142671
Ion Ratio Lower Upper
84 100
49 110.0 88.8 133.2
51 35.9 27.8 41.6
86 65.2 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 46.767 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

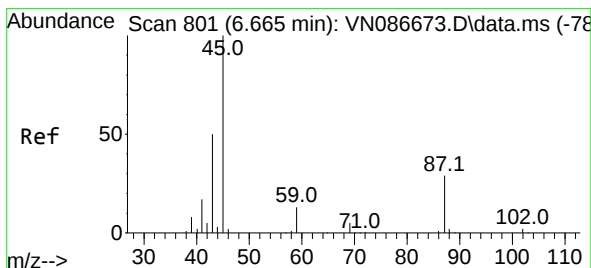
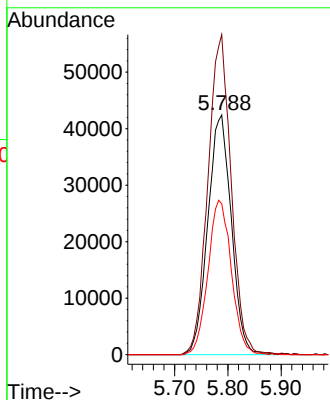
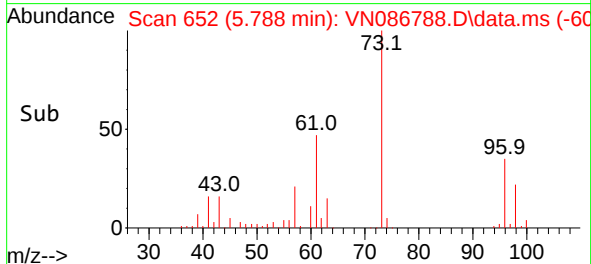
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 13018
Ion Ratio Lower Upper
96 100
61 133.5 105.7 158.5
98 63.0 51.0 76.6

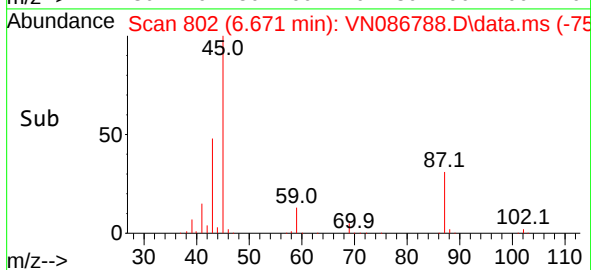
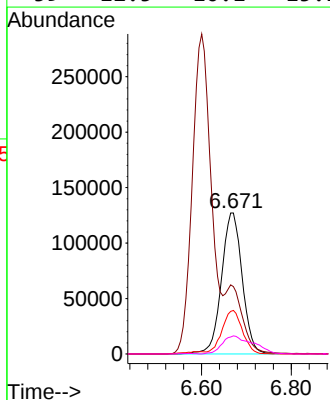
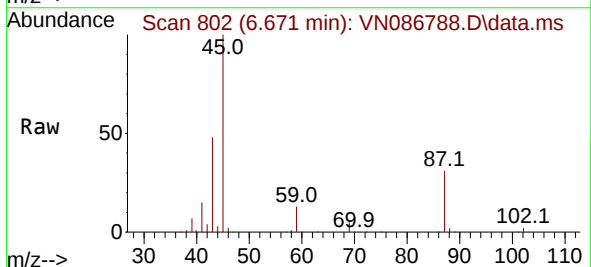
Manual Integrations
APPROVED

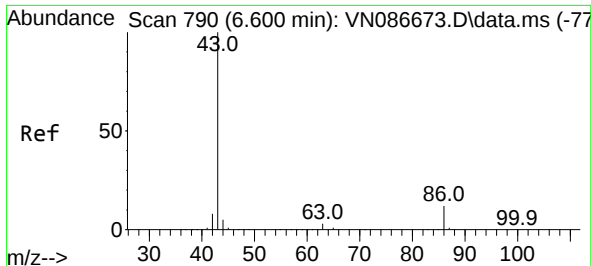
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#22
Diisopropyl ether
Concen: 45.513 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Tgt Ion: 45 Resp: 409199
Ion Ratio Lower Upper
45 100
43 47.0 41.4 62.2
87 30.7 22.9 34.3
59 12.5 10.1 15.1





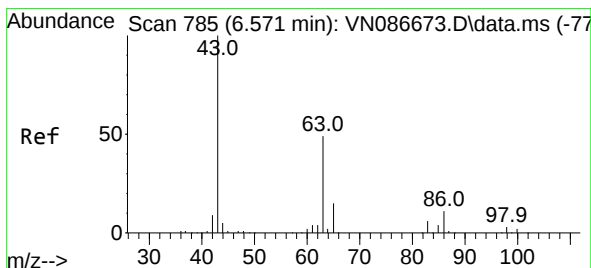
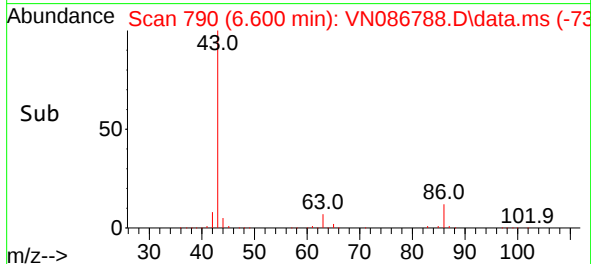
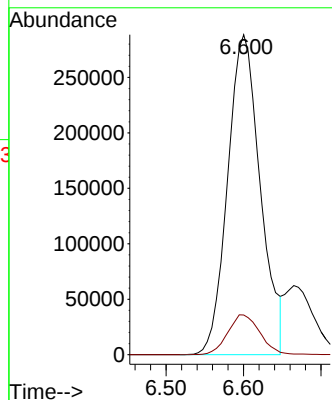
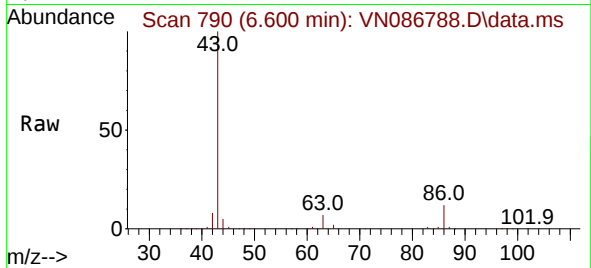
#23
 Vinyl Acetate
 Concen: 125.403 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 847364
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.5 14.3

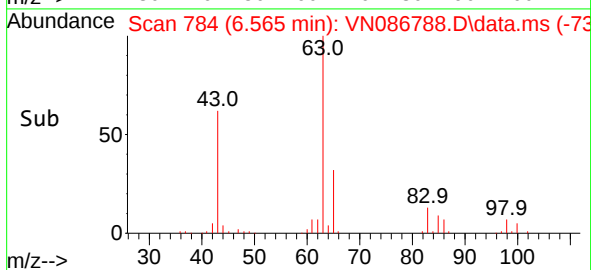
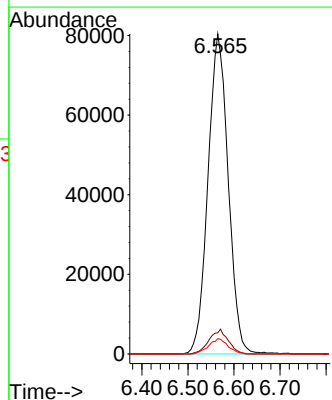
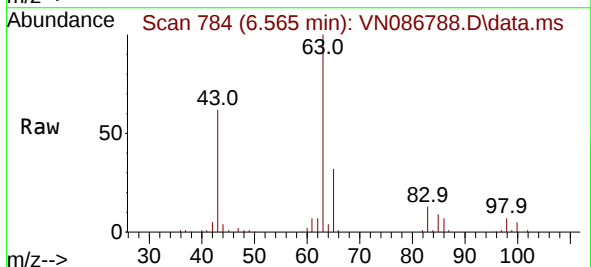
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 46.455 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

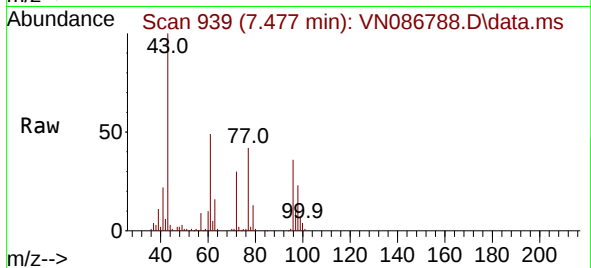
Tgt Ion: 63 Resp: 245216
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.8 2.4 7.1





#25
2-Butanone
Concen: 208.164 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

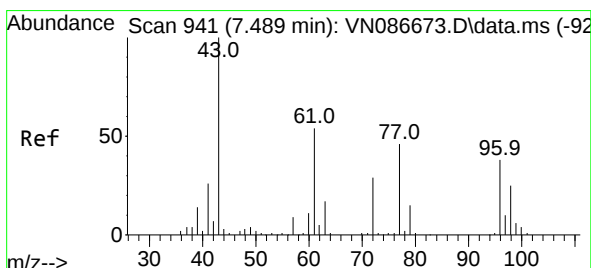
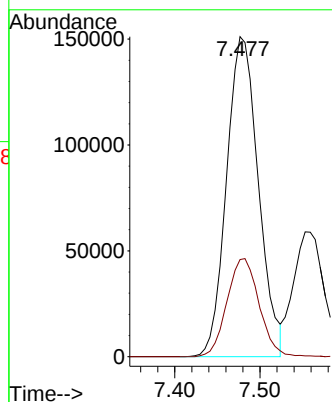
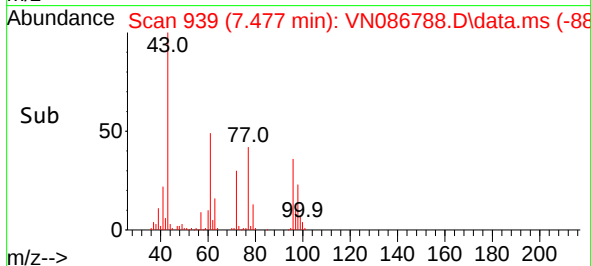
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



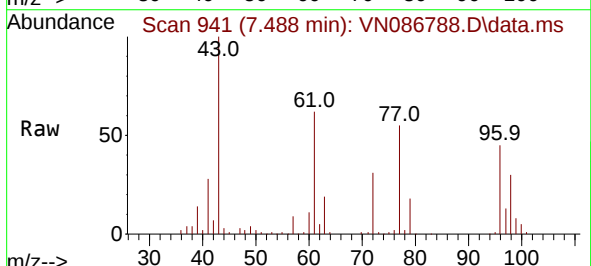
Tgt Ion: 43 Resp: 39249
Ion Ratio Lower Upper
43 100
72 30.4 23.1 34.7

Manual Integrations
APPROVED

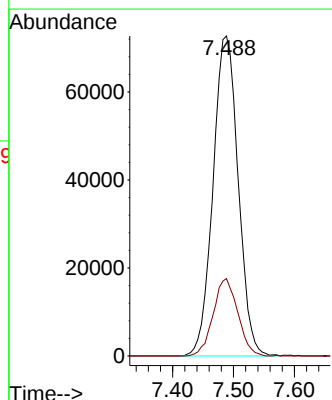
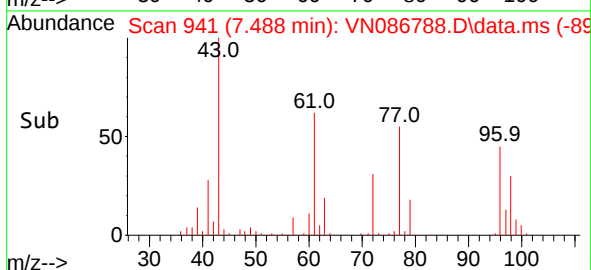
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

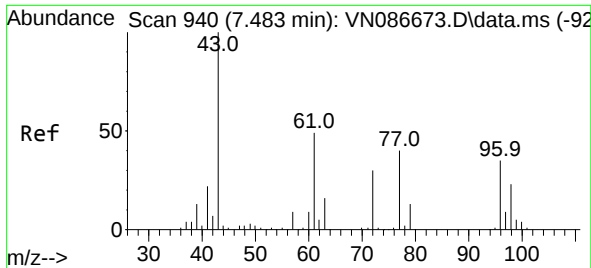


#26
2,2-Dichloropropane
Concen: 47.900 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



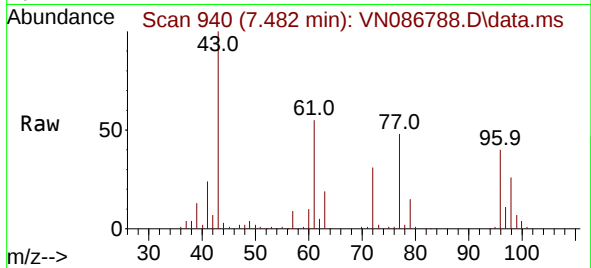
Tgt Ion: 77 Resp: 208662
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 47.068 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

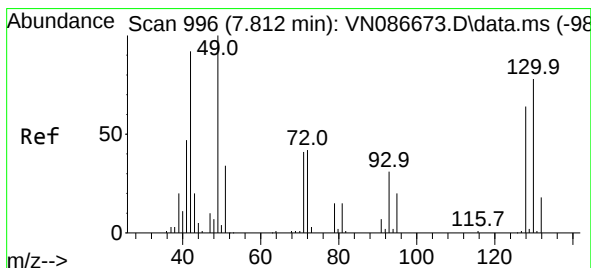
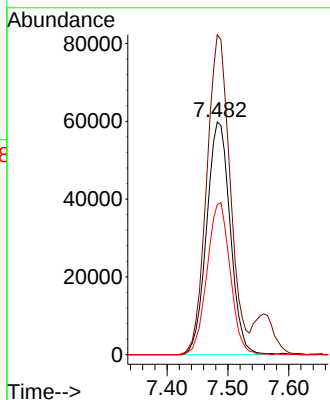
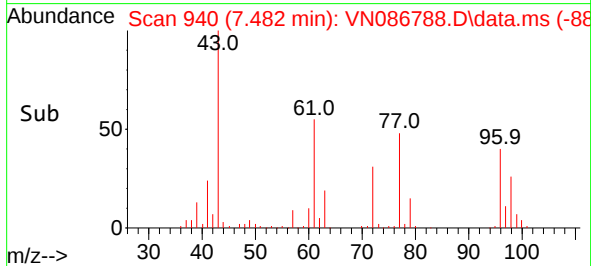
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 160820
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 277.4
 98 64.1 0.0 129.6

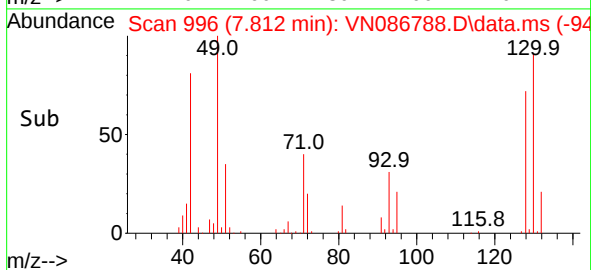
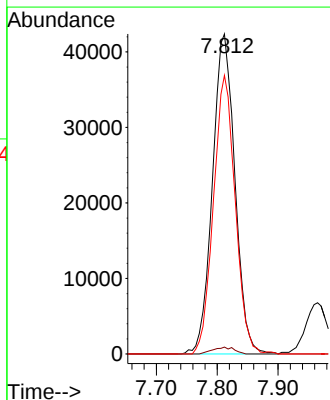
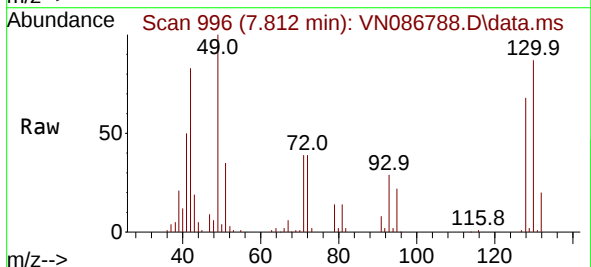
Manual Integrations
 APPROVED

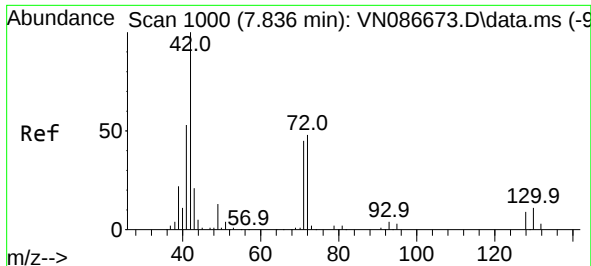
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 45.252 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

Tgt Ion: 49 Resp: 108528
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 84.2 62.2 93.4





#29

Tetrahydrofuran

Concen: 214.498 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086788.D

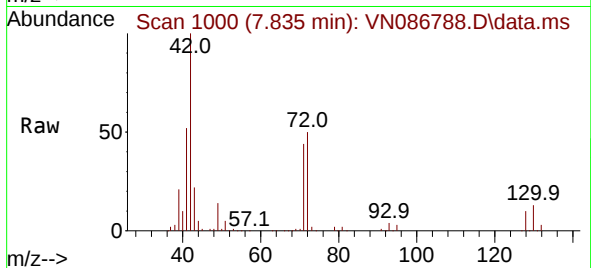
Acq: 27 May 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



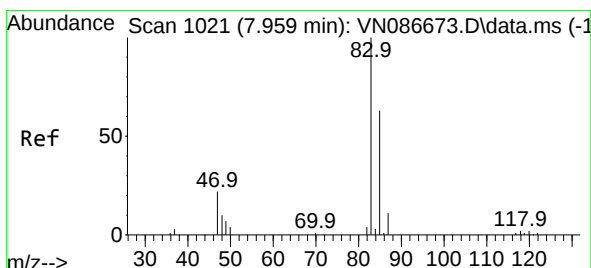
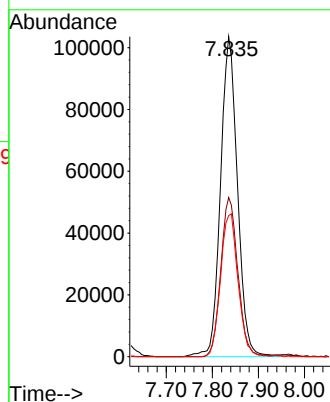
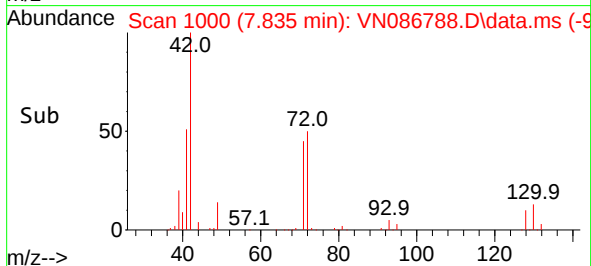
Tgt Ion:	42	Resp:	263980
Ion Ratio	100	Lower	Upper
42	100		
72	49.9	38.7	58.1
71	46.1	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 45.132 ug/l

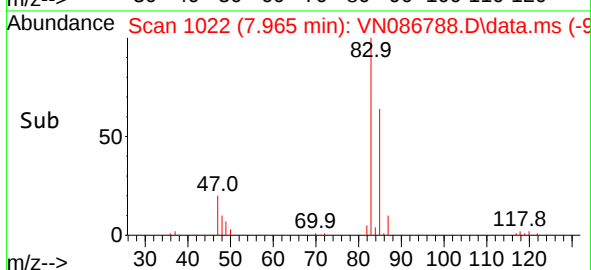
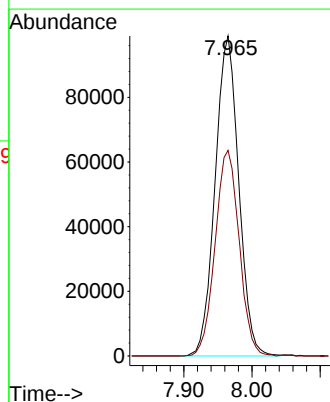
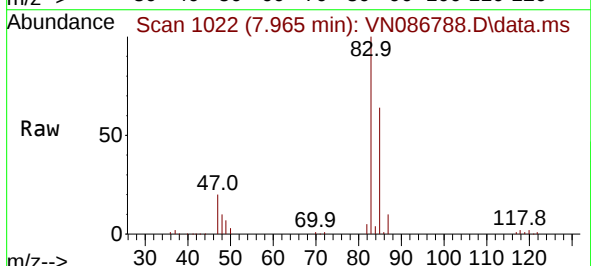
RT: 7.965 min Scan# 1022

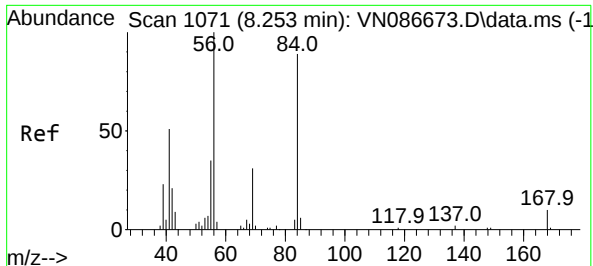
Delta R.T. 0.006 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

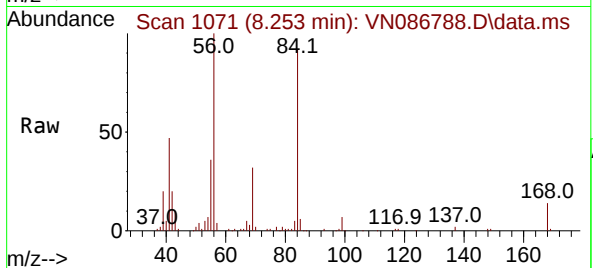
Tgt Ion:	83	Resp:	238453
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	50.2	75.4





#31
Cyclohexane
Concen: 42.692 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

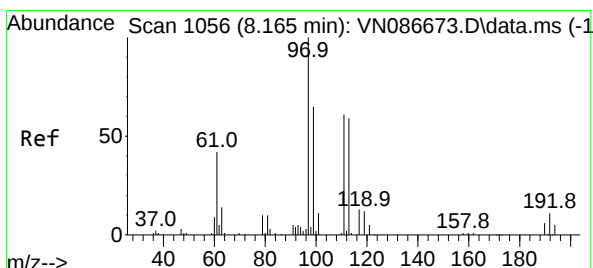
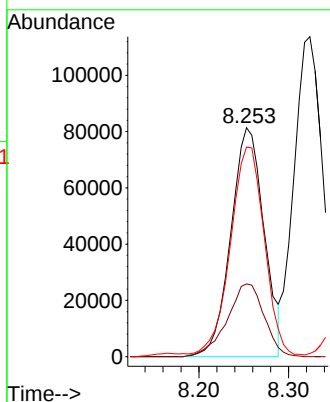
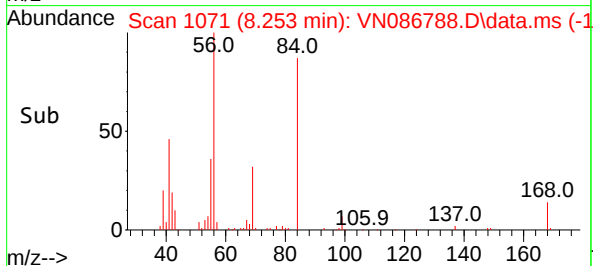
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



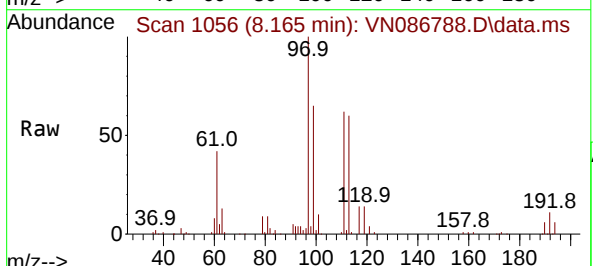
Tgt Ion: 56 Resp: 209000
Ion Ratio Lower Upper
56 100
69 31.8 25.0 37.6
84 90.4 71.0 106.4

Manual Integrations
APPROVED

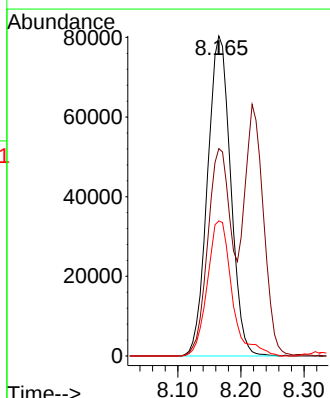
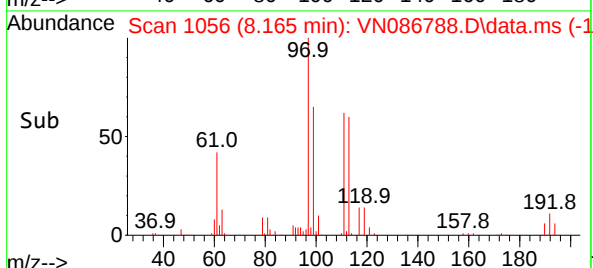
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

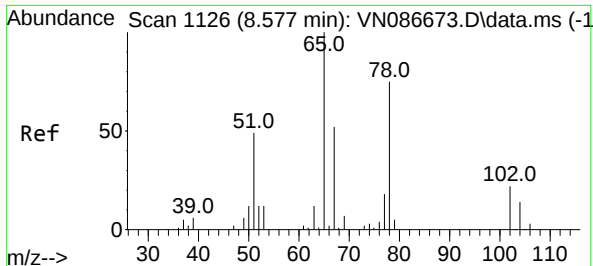


#32
1,1,1-Trichloroethane
Concen: 45.936 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



Tgt Ion: 97 Resp: 204623
Ion Ratio Lower Upper
97 100
99 66.2 52.6 79.0
61 45.1 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 43.372 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 141470

Ion Ratio Lower Upper

65 100

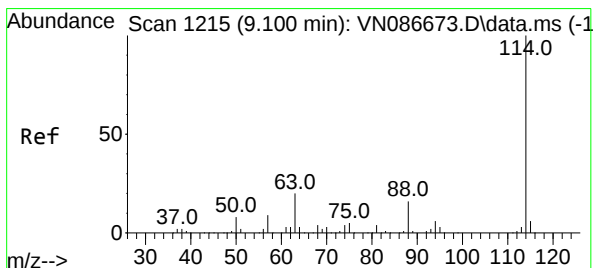
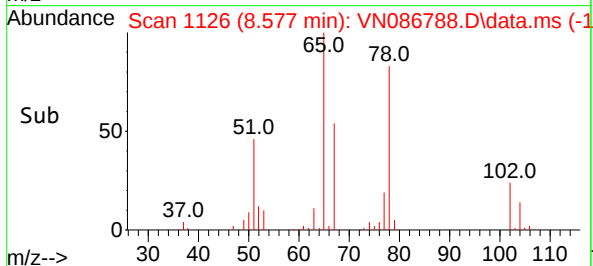
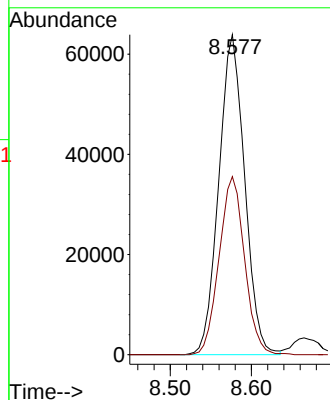
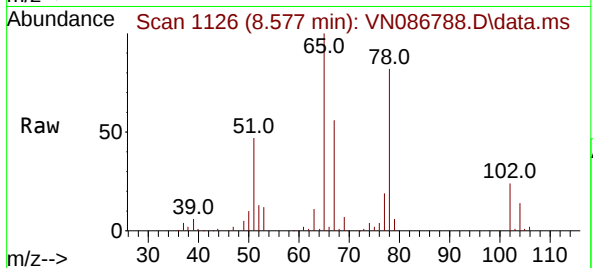
67 54.8 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

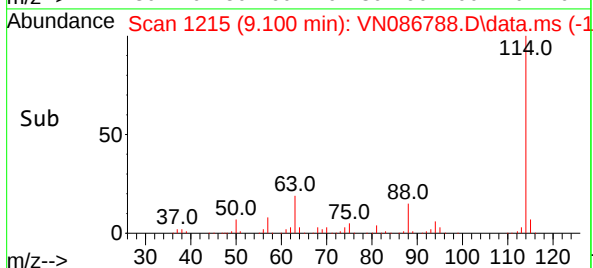
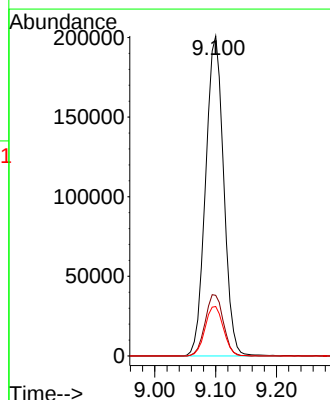
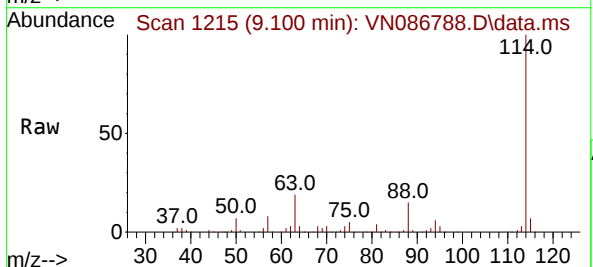
Tgt Ion:114 Resp: 413381

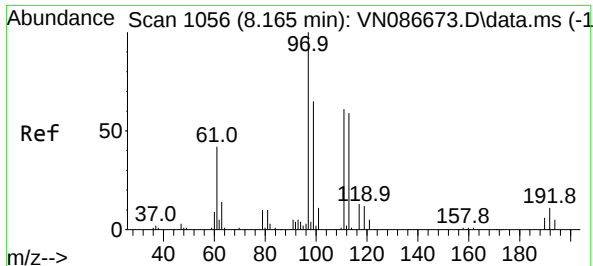
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.2

88 15.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.613 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

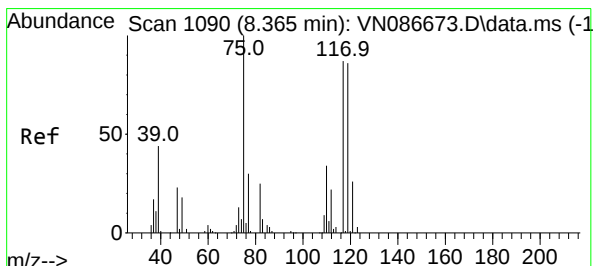
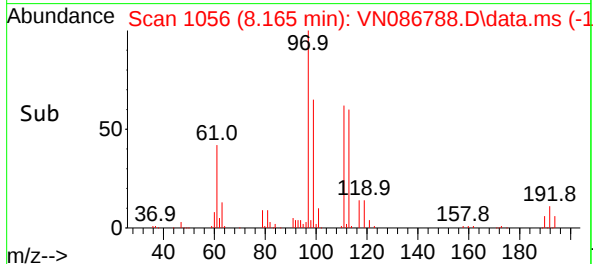
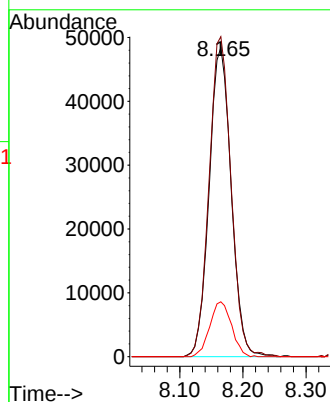
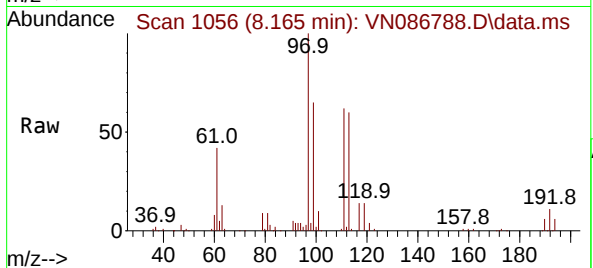
Tgt Ion:	113	Resp:	11721
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.2	123.2
192	17.6	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#36

1,1-Dichloropropene

Concen: 48.625 ug/l

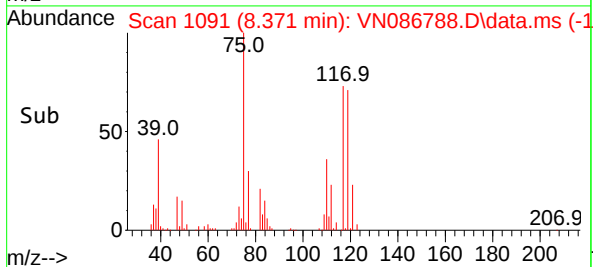
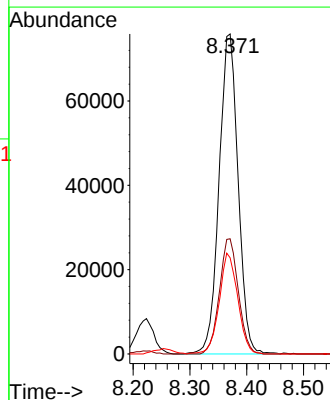
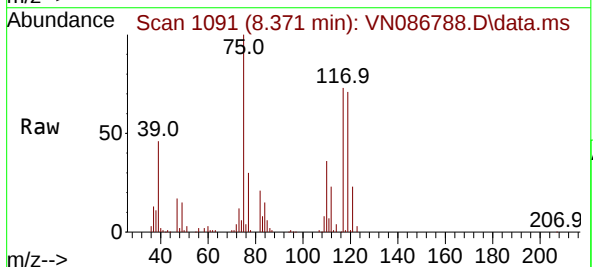
RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

Tgt Ion:	75	Resp:	176574
Ion Ratio	Lower	Upper	
75	100		
110	35.8	17.5	52.5
77	30.8	25.1	37.7





#37

Ethyl Acetate

Concen: 41.880 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086788.D

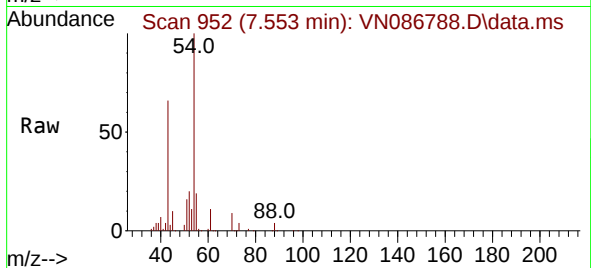
Acq: 27 May 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 43 Resp: 15362

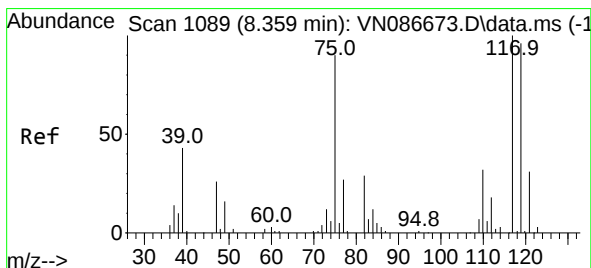
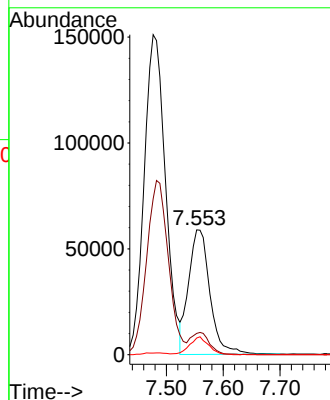
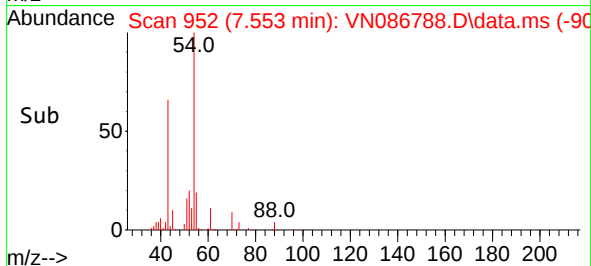
Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.6	17.4
70	12.7	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#38

Carbon Tetrachloride

Concen: 48.917 ug/l

RT: 8.359 min Scan# 1089

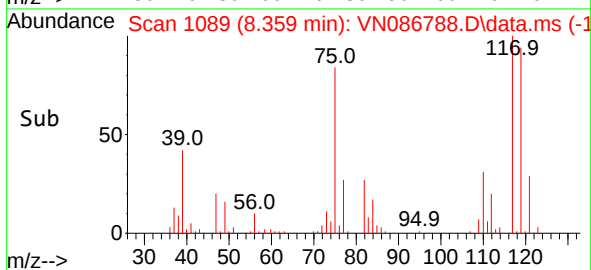
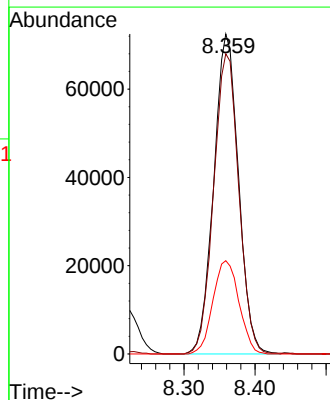
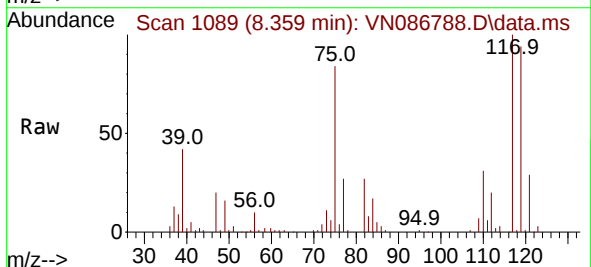
Delta R.T. -0.000 min

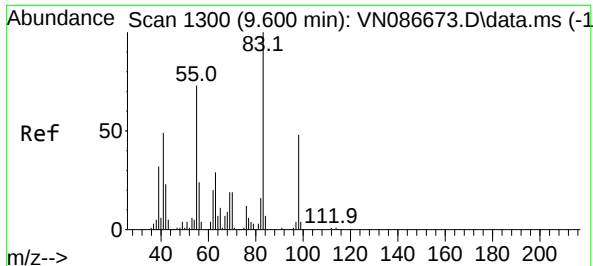
Lab File: VN086788.D

Acq: 27 May 2025 17:04

Tgt Ion:117 Resp: 175022

Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.0	115.6
121	29.1	25.0	37.6





#39

Methylcyclohexane

Concen: 50.470 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 198360

Ion Ratio Lower Upper

83 100

55 71.0 58.2 87.4

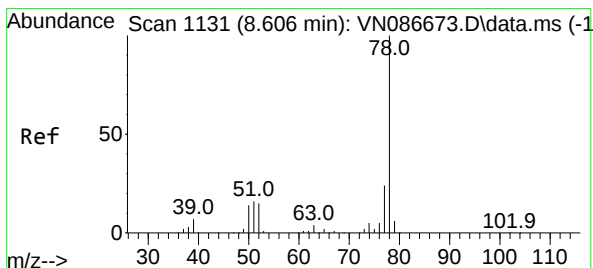
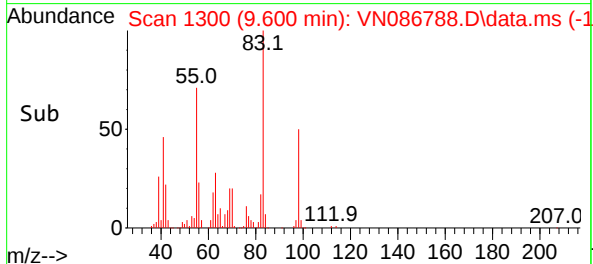
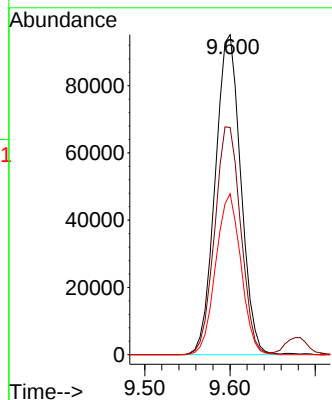
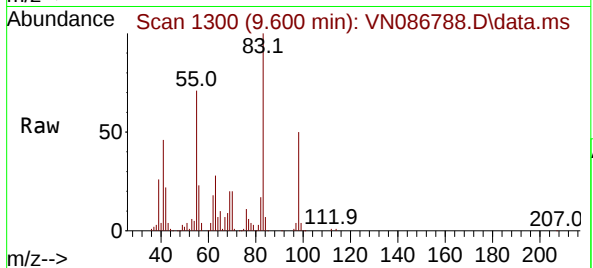
98 50.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 48.192 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN086788.D

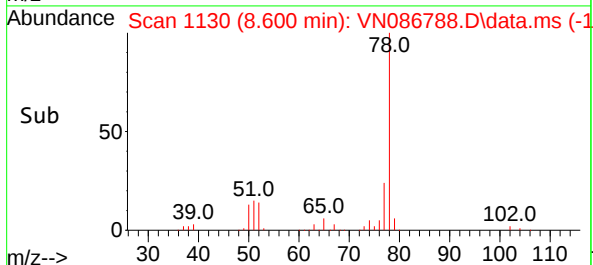
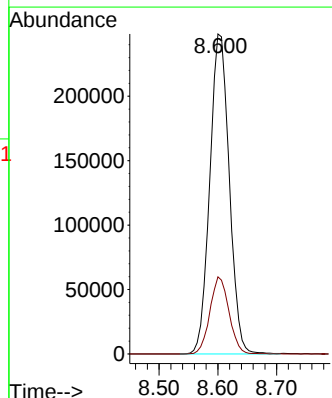
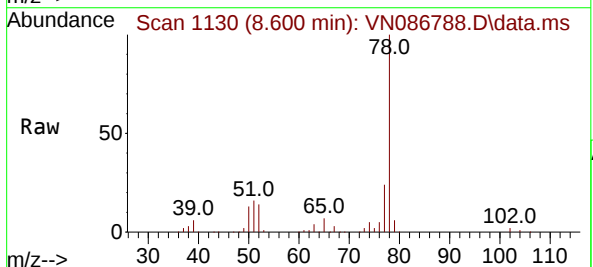
Acq: 27 May 2025 17:04

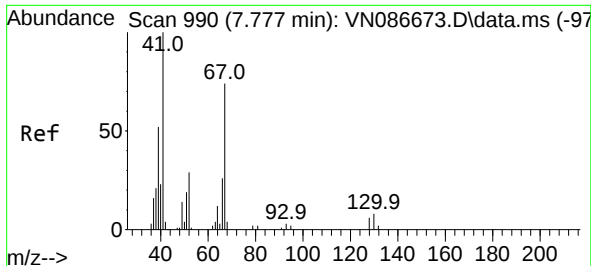
Tgt Ion: 78 Resp: 570891

Ion Ratio Lower Upper

78 100

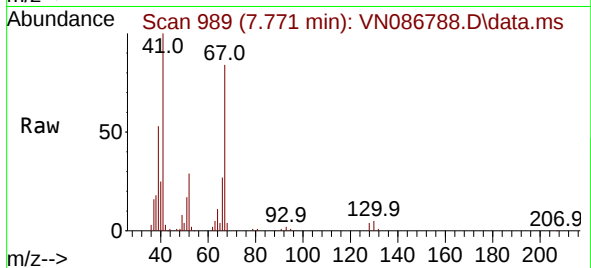
77 24.1 19.1 28.7





#41
Methacrylonitrile
Concen: 44.181 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

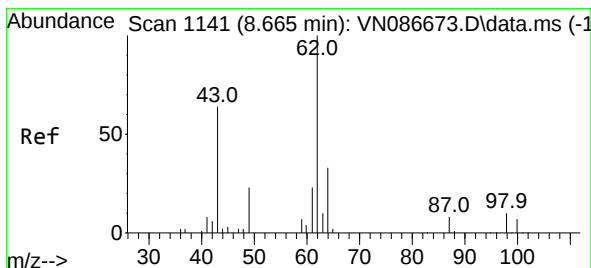
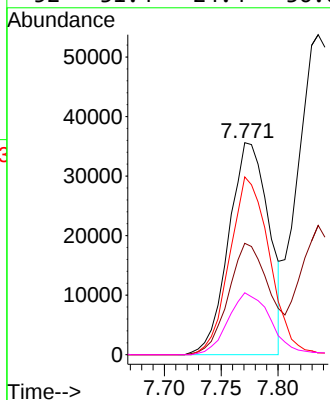
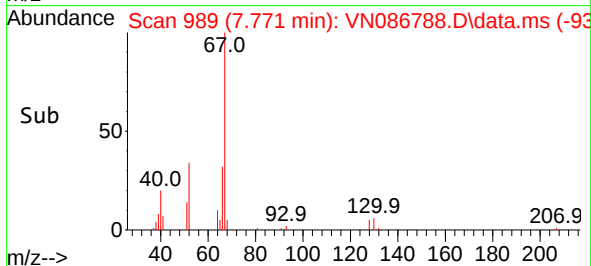
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	8750
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.9	67.3
67	83.5	63.4	95.0
52	31.4	24.4	36.6

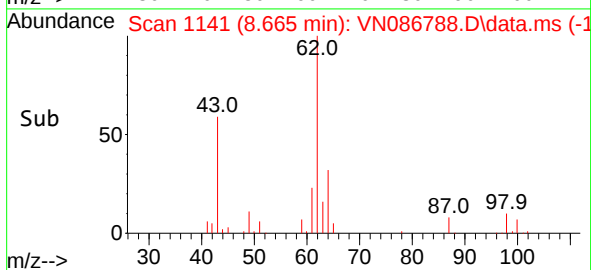
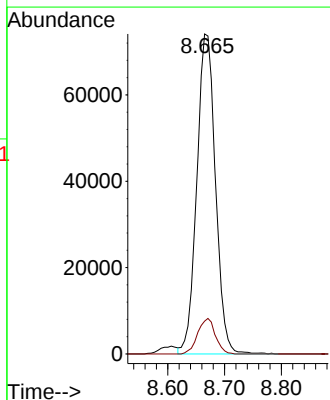
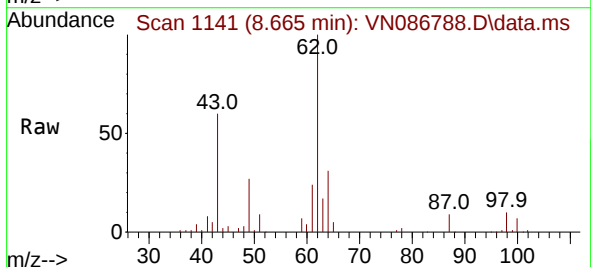
Manual Integrations
APPROVED

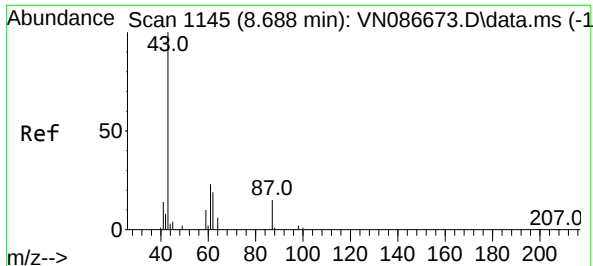
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 45.890 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

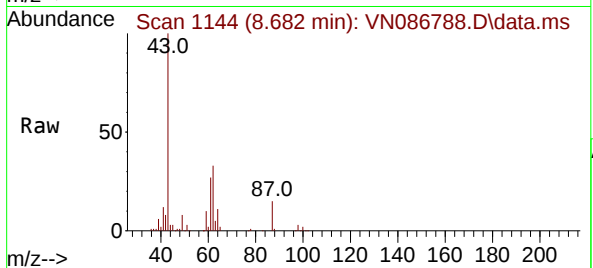
Tgt Ion:	62	Resp:	169360
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.2





#43
Isopropyl Acetate
Concen: 37.822 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

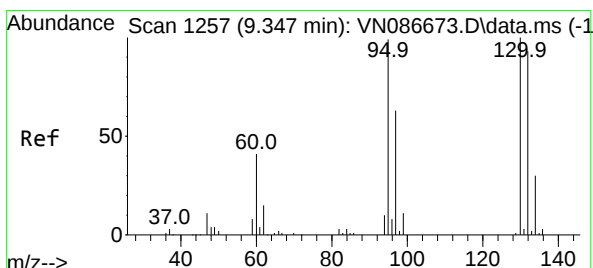
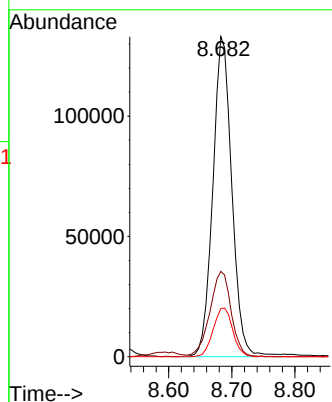
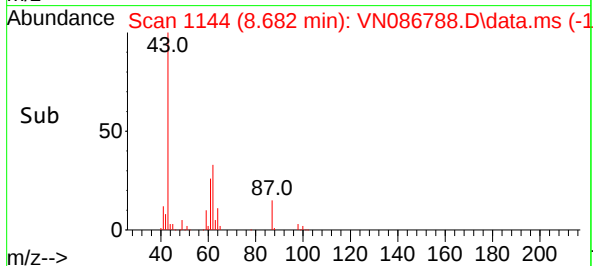
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 278120
Ion Ratio Lower Upper
43 100
61 29.9 21.4 32.2
87 15.6 11.1 16.7

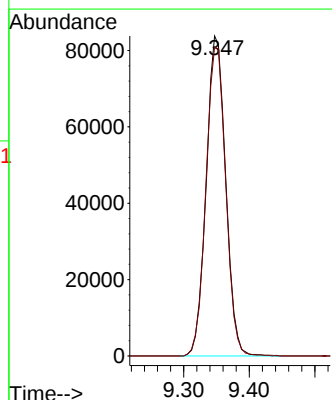
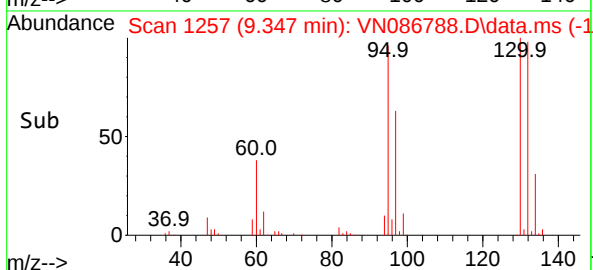
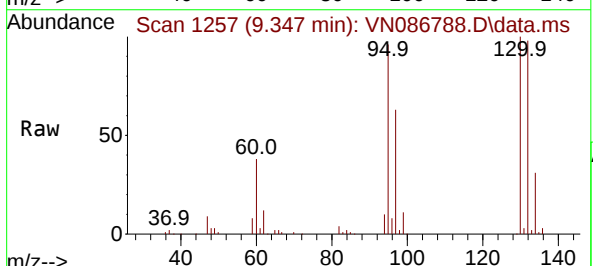
Manual Integrations
APPROVED

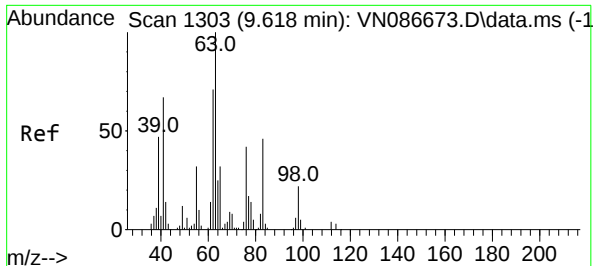
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 60.700 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Tgt Ion:130 Resp: 173433
Ion Ratio Lower Upper
130 100
95 96.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 48.429 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13628

Ion Ratio Lower Upper

63 100

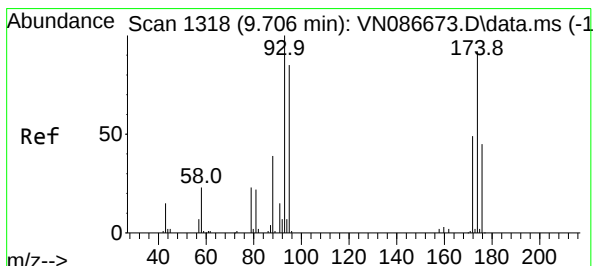
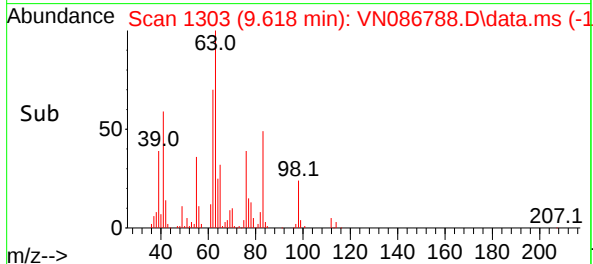
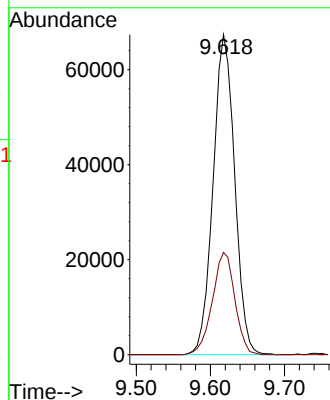
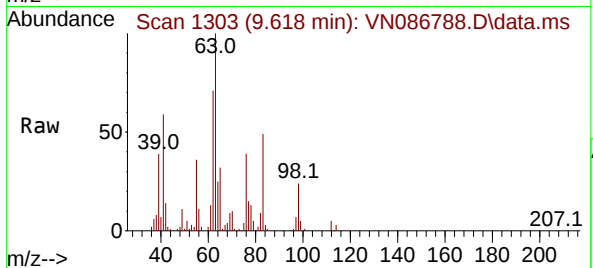
65 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 48.370 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

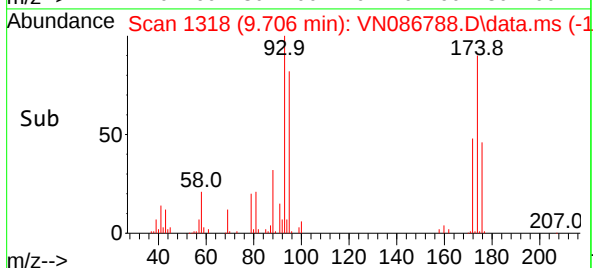
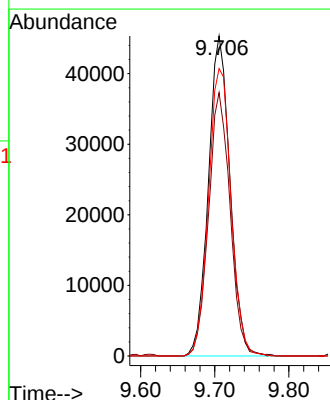
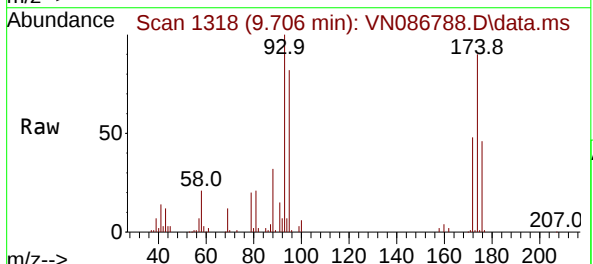
Tgt Ion: 93 Resp: 91847

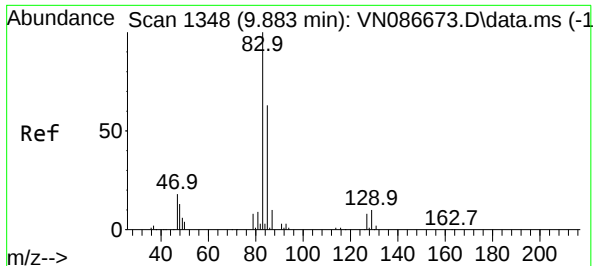
Ion Ratio Lower Upper

93 100

95 82.0 67.1 100.7

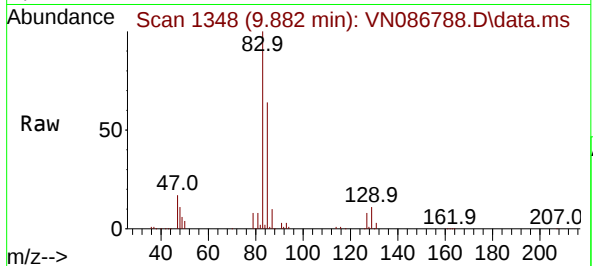
174 93.4 73.8 110.6





#47
Bromodichloromethane
Concen: 48.621 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

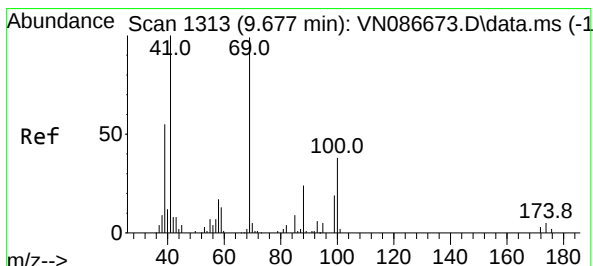
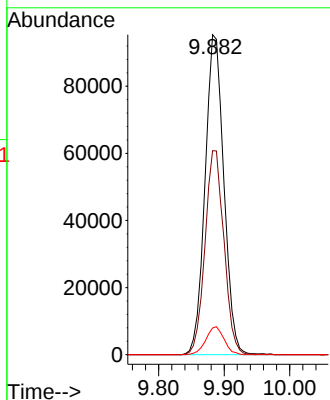
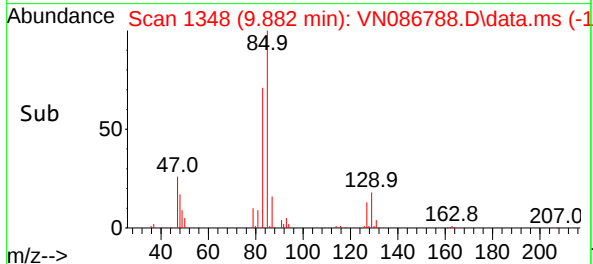
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



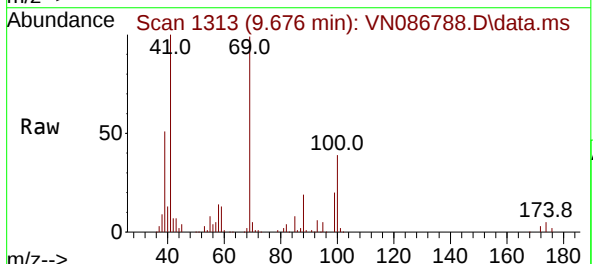
Tgt Ion: 83 Resp: 190220
Ion Ratio Lower Upper
83 100
85 63.8 50.1 75.1
127 8.3 6.2 9.4

Manual Integrations
APPROVED

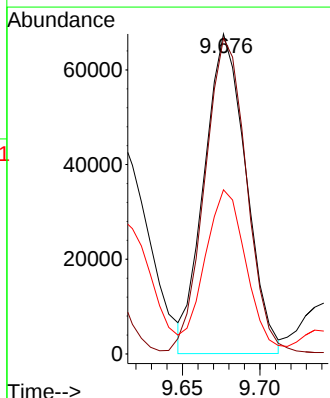
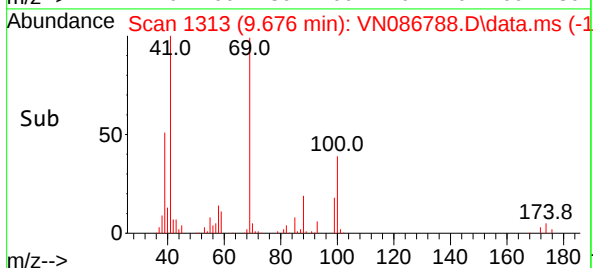
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

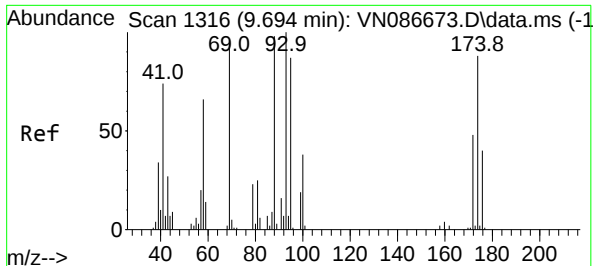


#48
Methyl methacrylate
Concen: 44.223 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



Tgt Ion: 41 Resp: 126015
Ion Ratio Lower Upper
41 100
69 100.0 74.1 111.1
39 51.7 44.1 66.1





#49

1,4-Dioxane

Concen: 870.961 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

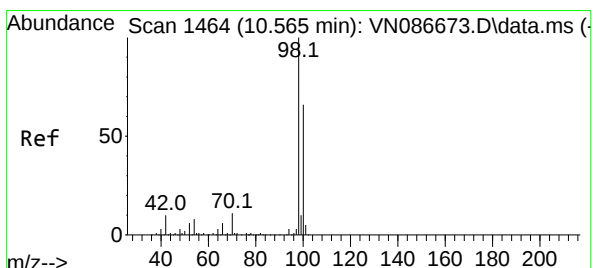
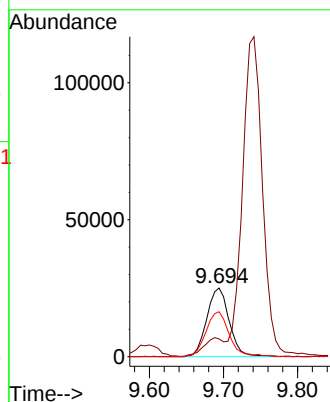
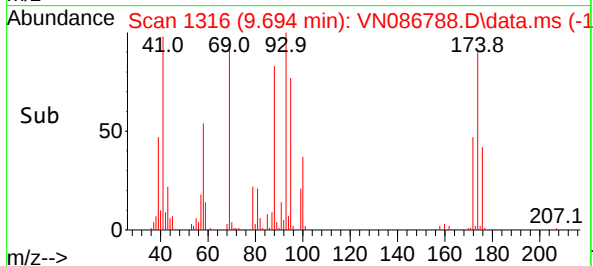
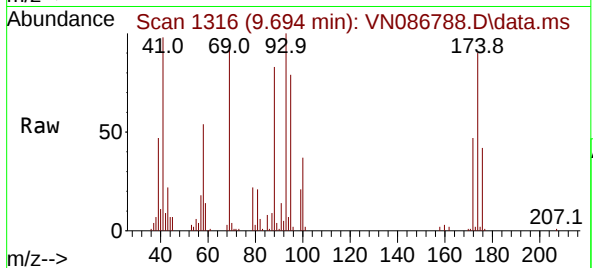
Tgt Ion: 88	Resp: 5255
Ion Ratio	Lower Upper
88	100
43	23.3 23.6 35.4
58	68.3 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#50

Toluene-d8

Concen: 48.889 ug/l

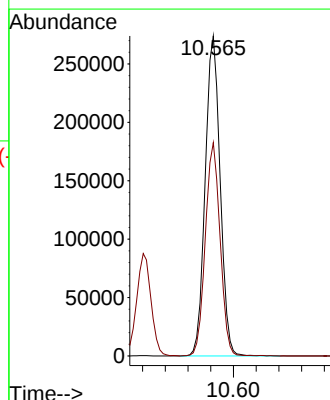
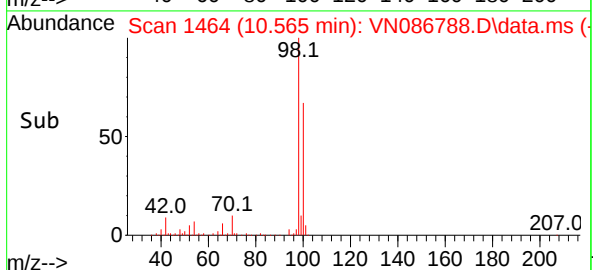
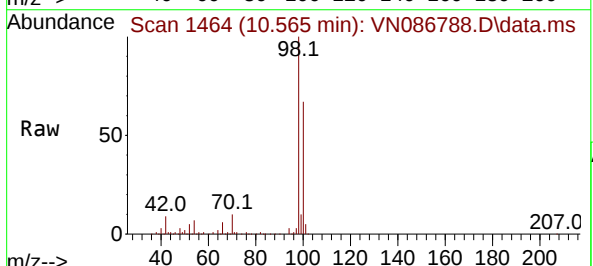
RT: 10.565 min Scan# 1464

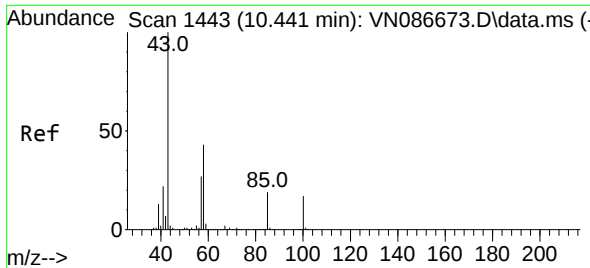
Delta R.T. -0.000 min

Lab File: VN086788.D

Acq: 27 May 2025 17:04

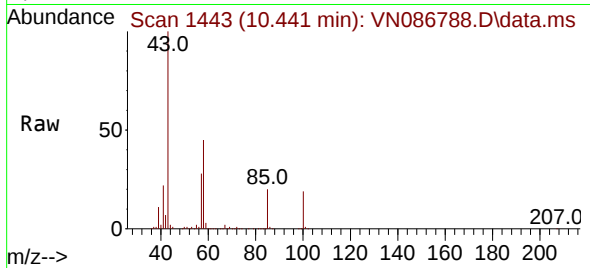
Tgt Ion: 98	Resp: 498766
Ion Ratio	Lower Upper
98	100
100	65.9 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 220.633 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

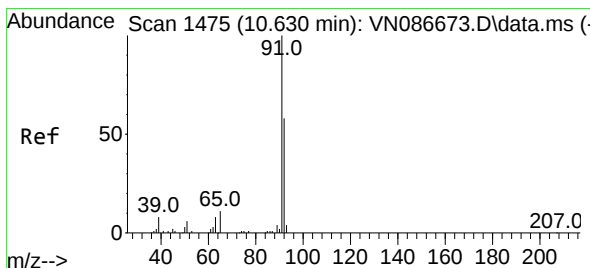
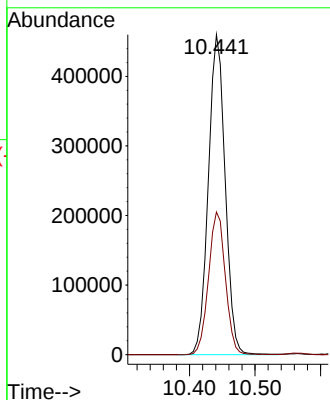
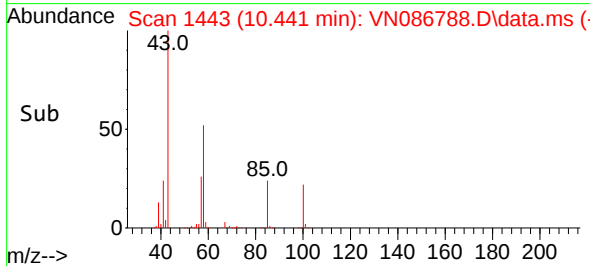
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



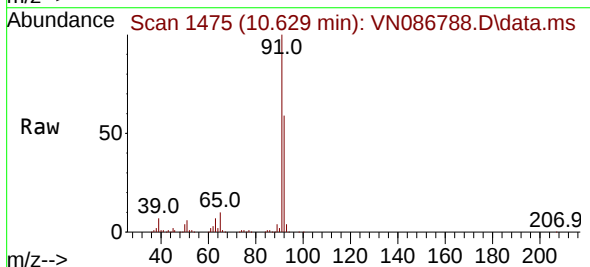
Tgt Ion: 43 Resp: 81818
Ion Ratio Lower Upper
43 100
58 44.7 33.9 50.9

Manual Integrations
APPROVED

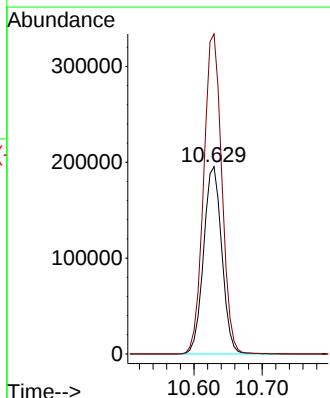
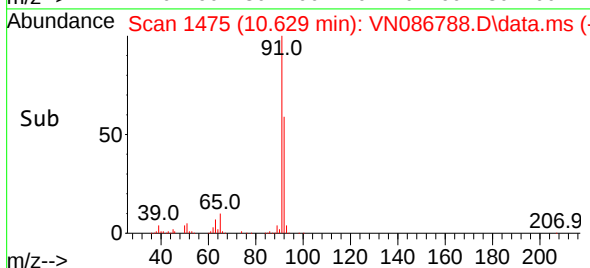
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

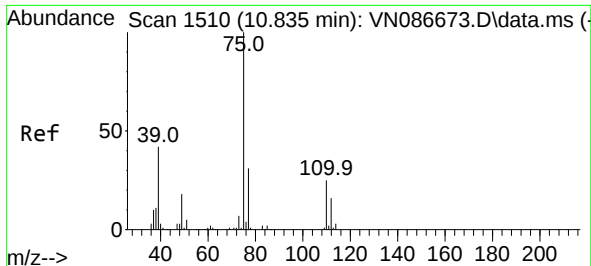


#52
Toluene
Concen: 49.224 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



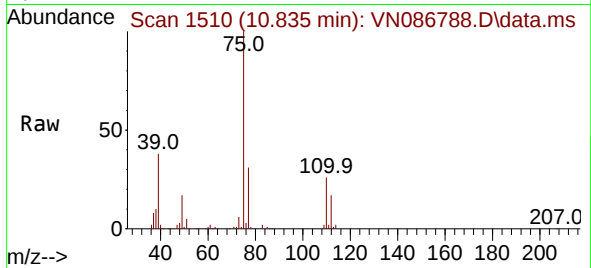
Tgt Ion: 92 Resp: 362415
Ion Ratio Lower Upper
92 100
91 170.8 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 50.442 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

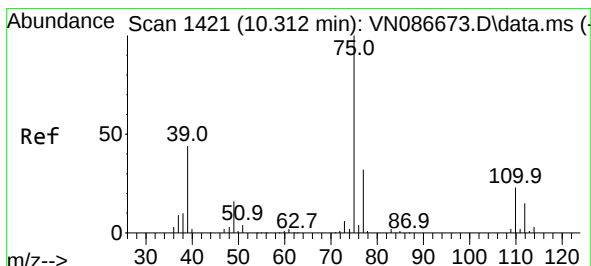
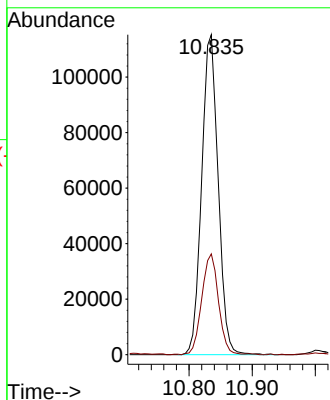
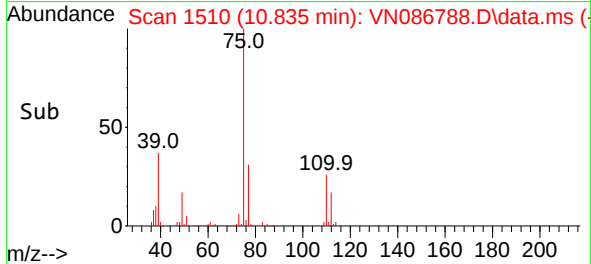
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 208949
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8

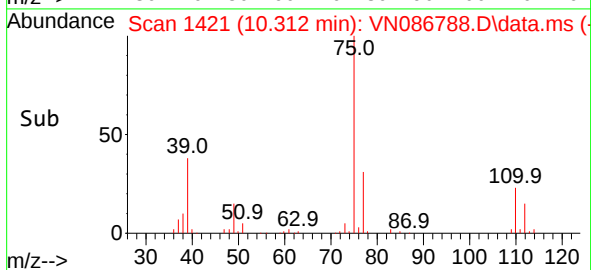
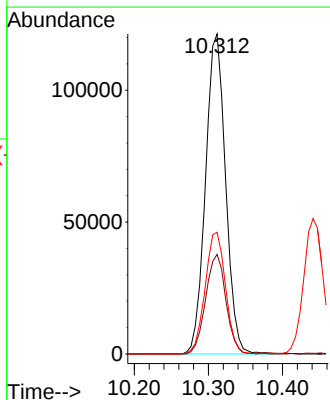
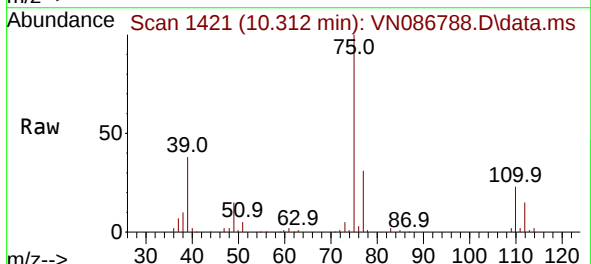
Manual Integrations
APPROVED

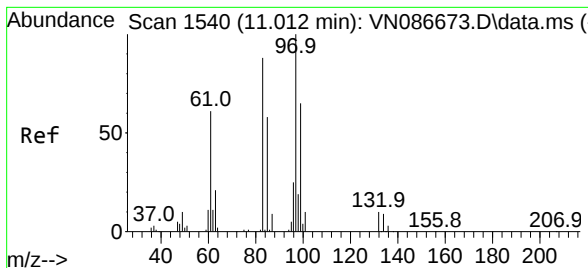
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#54
cis-1,3-Dichloropropene
Concen: 50.497 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

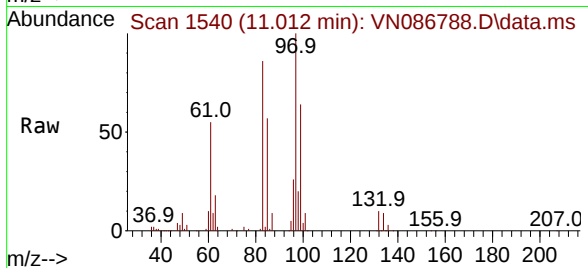
Tgt Ion: 75 Resp: 228345
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 38.0 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 47.915 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

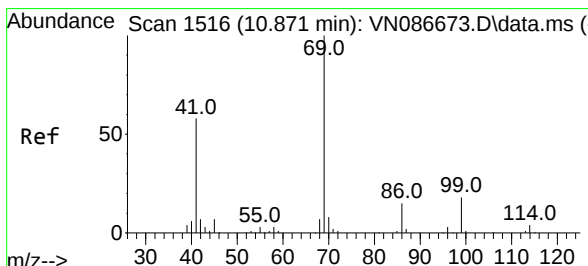
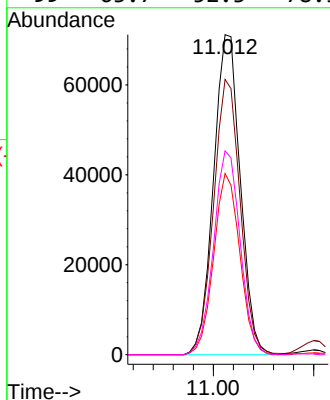
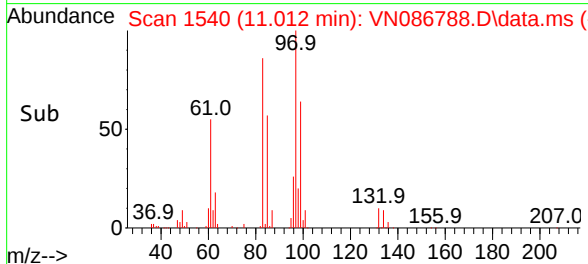
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



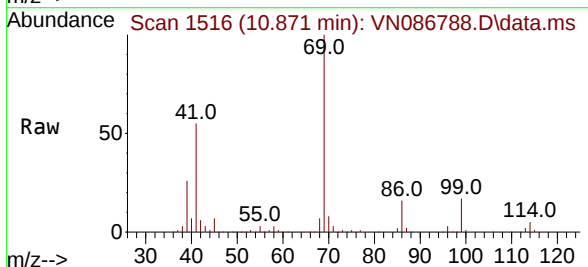
Tgt Ion:	97	Resp:	13159
Ion Ratio	100	Lower	Upper
97	100		
83	86.0	70.4	105.6
85	56.6	46.1	69.1
99	63.7	52.3	78.5

Manual Integrations
APPROVED

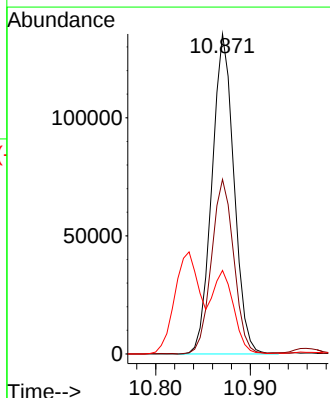
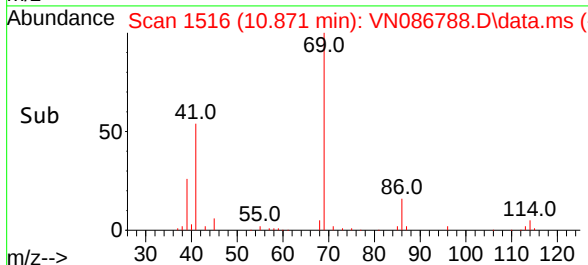
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

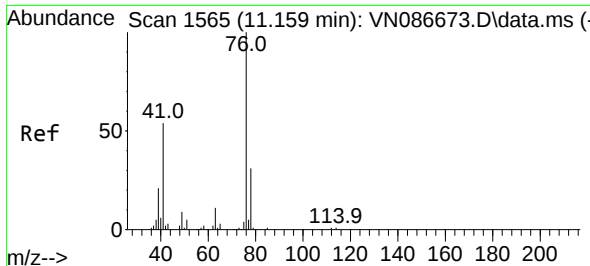


#56
Ethyl methacrylate
Concen: 49.621 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



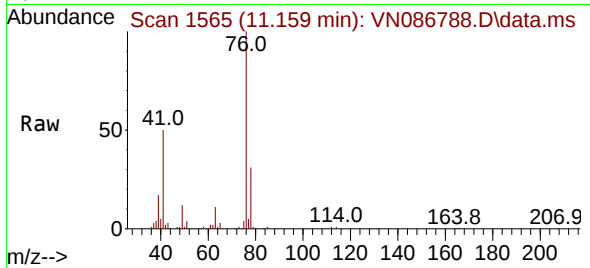
Tgt Ion:	69	Resp:	218814
Ion Ratio	100	Lower	Upper
69	100		
41	55.4	47.4	71.0
39	24.9	24.0	36.0





#57
1,3-Dichloropropane
Concen: 48.118 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

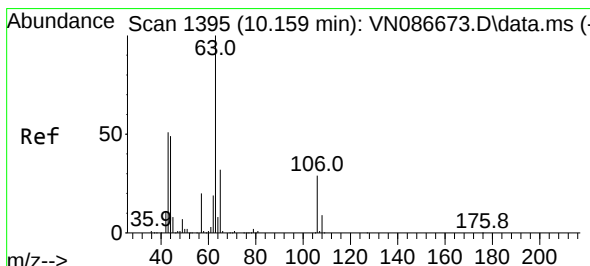
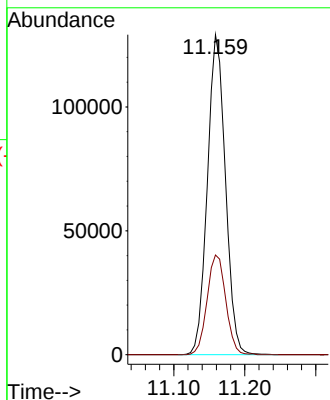
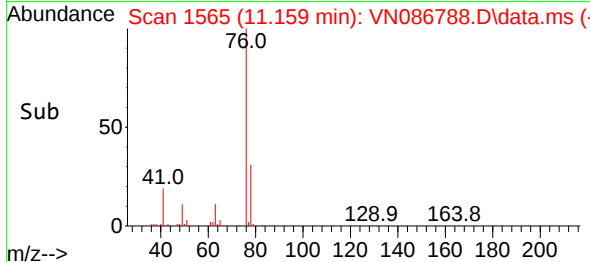
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



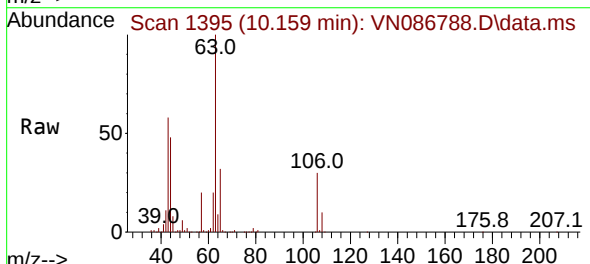
Tgt Ion: 76 Resp: 22767
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.8

Manual Integrations
APPROVED

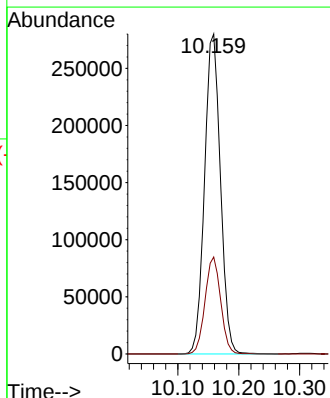
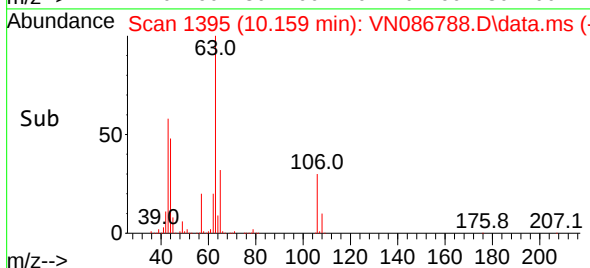
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

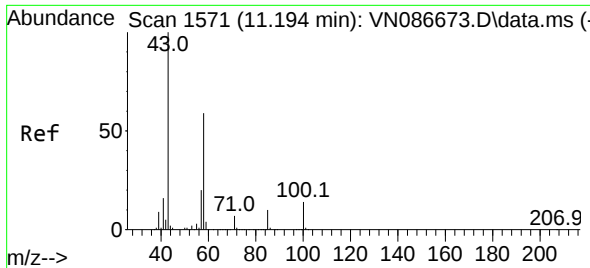


#58
2-Chloroethyl Vinyl ether
Concen: 257.073 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



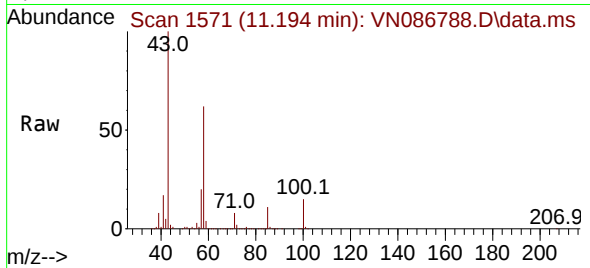
Tgt Ion: 63 Resp: 506647
Ion Ratio Lower Upper
63 100
106 29.8 23.1 34.7





#59
2-Hexanone
Concen: 217.511 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

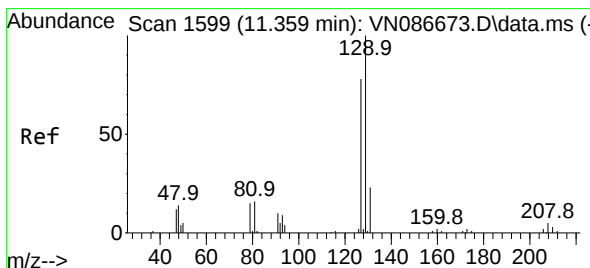
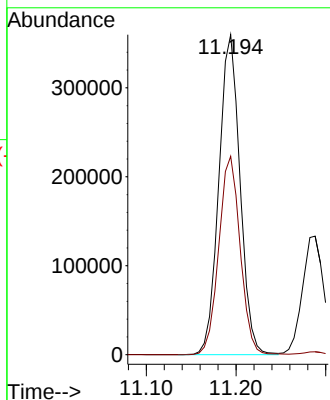
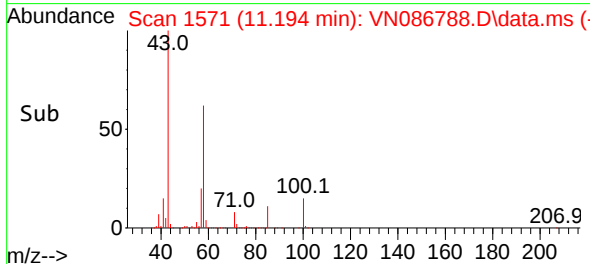
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 589029
Ion Ratio Lower Upper
43 100
58 62.6 29.8 89.5

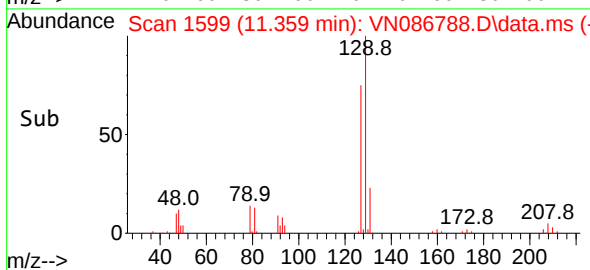
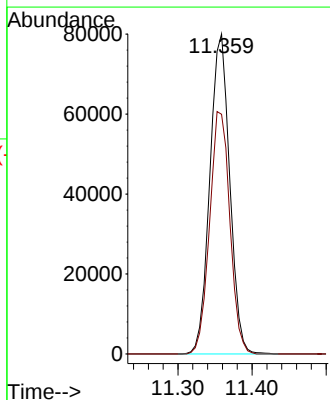
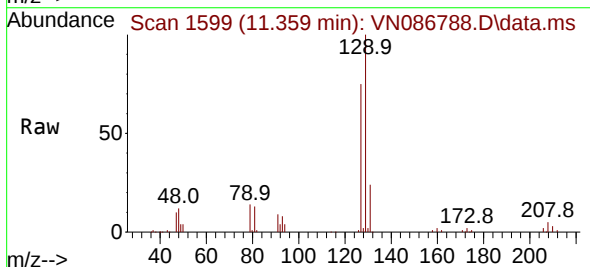
Manual Integrations
APPROVED

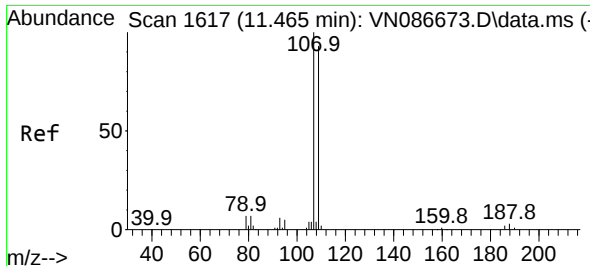
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 51.719 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

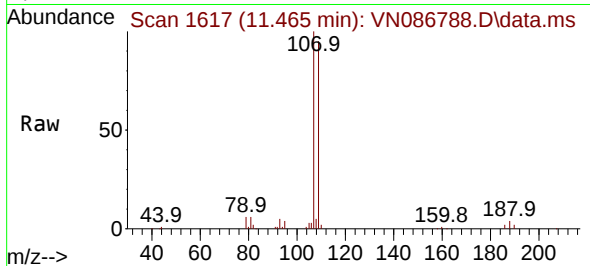
Tgt Ion:129 Resp: 148865
Ion Ratio Lower Upper
129 100
127 77.2 39.5 118.3





#61
1,2-Dibromoethane
Concen: 47.622 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

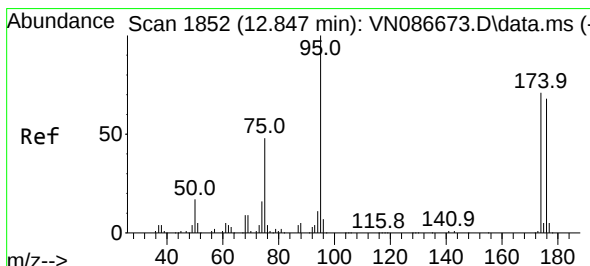
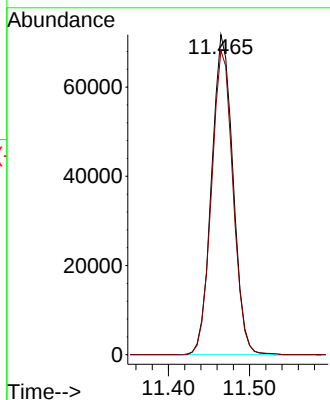
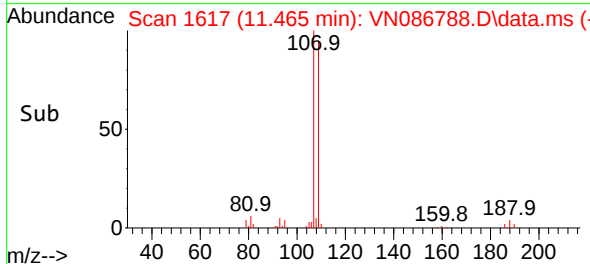
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 13143
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.4

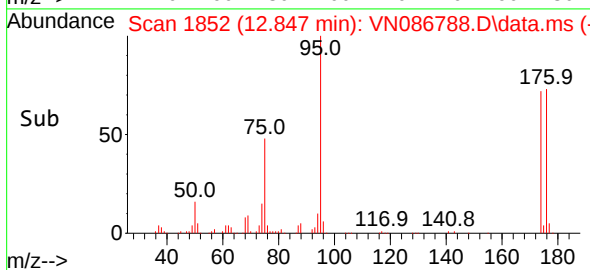
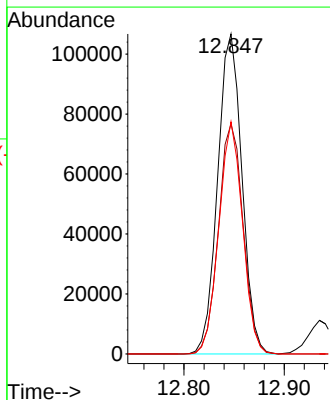
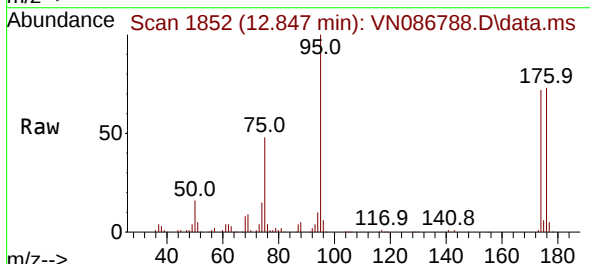
Manual Integrations
APPROVED

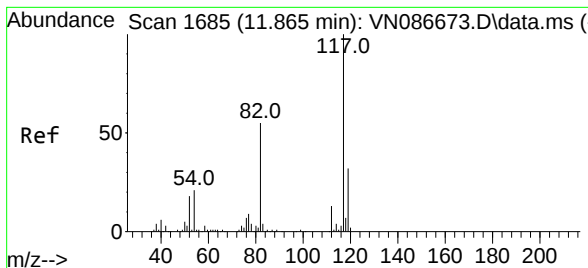
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 49.882 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

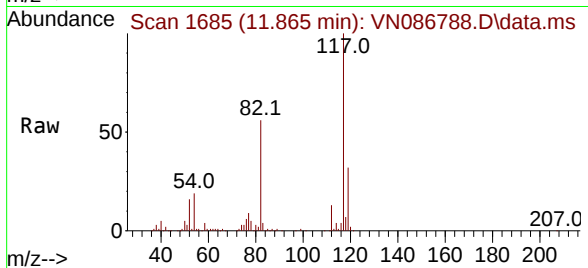
Tgt Ion: 95 Resp: 179690
Ion Ratio Lower Upper
95 100
174 73.0 0.0 145.4
176 70.6 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

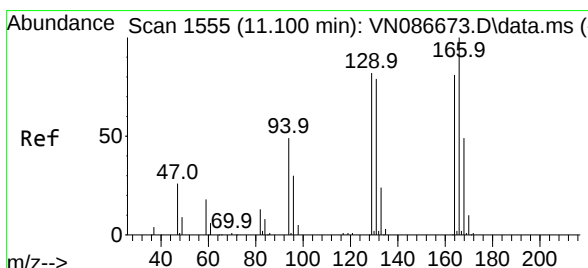
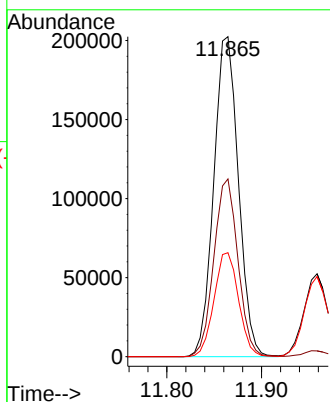
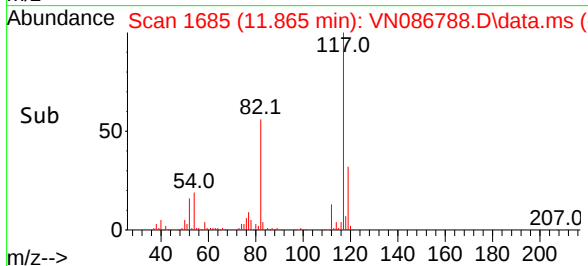
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 36657
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.2
119 32.5 25.4 38.2

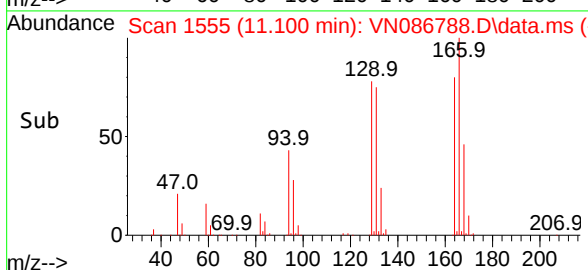
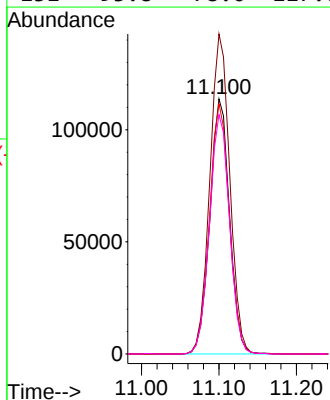
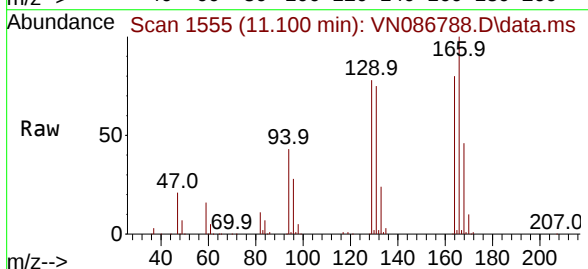
Manual Integrations
APPROVED

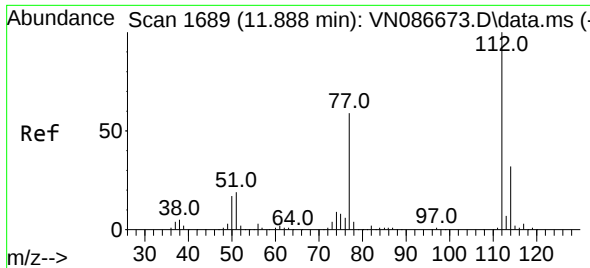
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 71.561 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

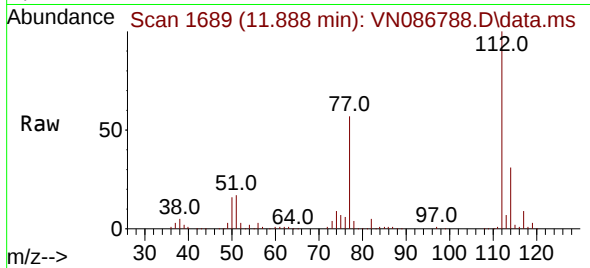
Tgt Ion:164 Resp: 200954
Ion Ratio Lower Upper
164 100
166 125.5 98.2 147.4
129 98.1 81.0 121.4
131 93.8 78.0 117.0





#65
Chlorobenzene
Concen: 49.632 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

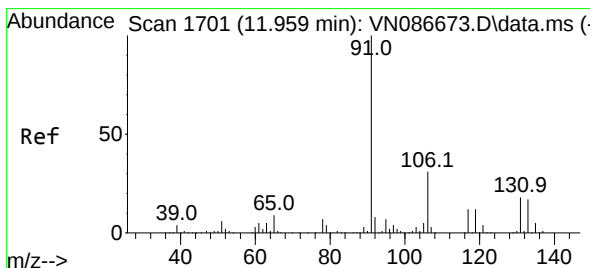
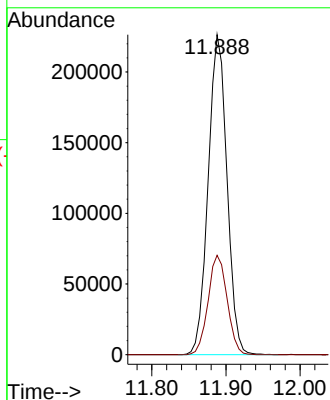
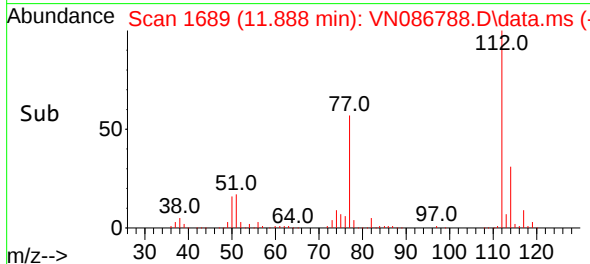
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



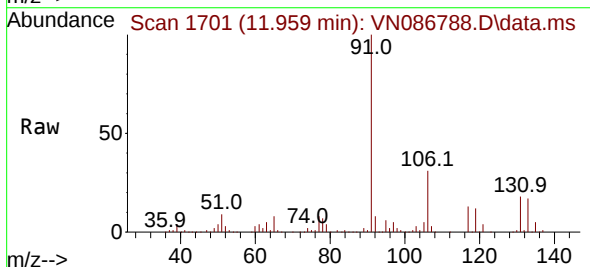
Tgt Ion:112 Resp: 39895
Ion Ratio Lower Upper
112 100
114 31.1 25.9 38.9

Manual Integrations
APPROVED

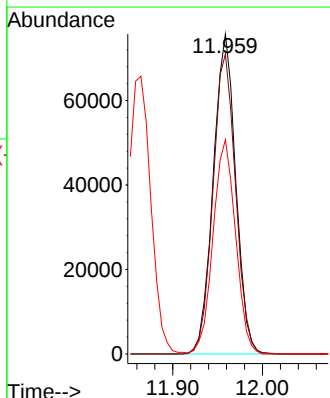
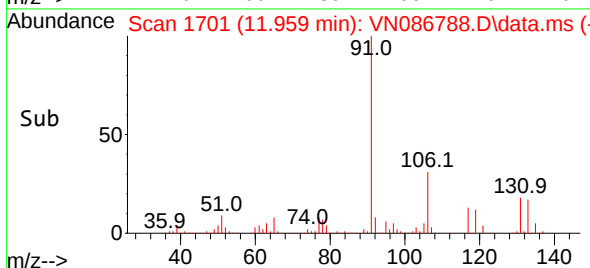
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

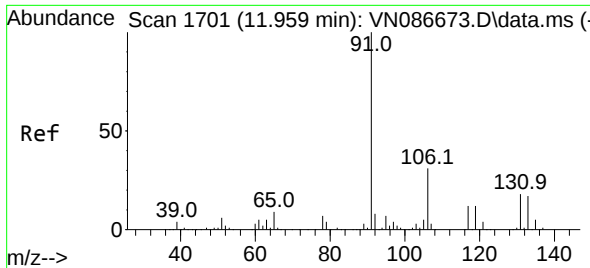


#66
1,1,1,2-Tetrachloroethane
Concen: 50.678 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



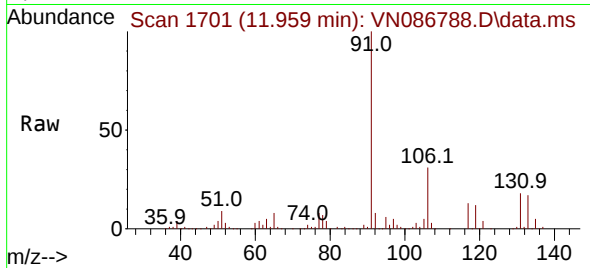
Tgt Ion:131 Resp: 131508
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.7
119 67.2 33.6 100.8





#67
Ethyl Benzene
Concen: 49.951 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

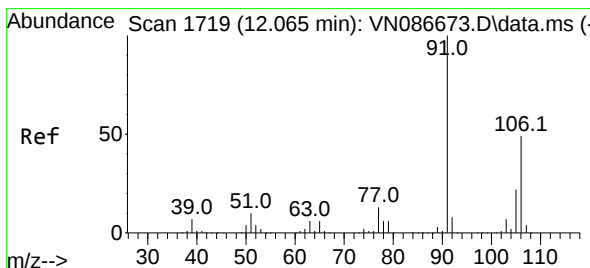
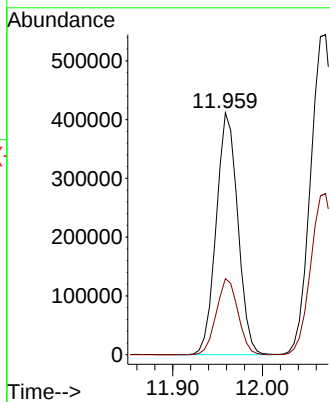
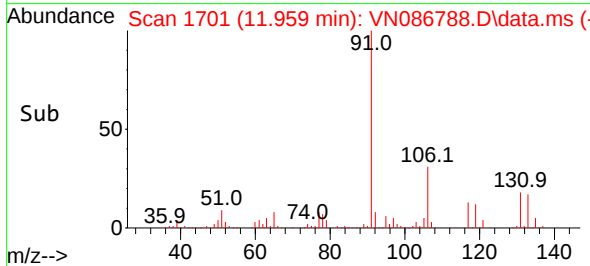
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



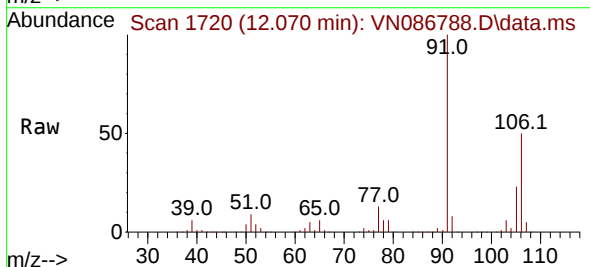
Tgt Ion: 91 Resp: 68773
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8

Manual Integrations
APPROVED

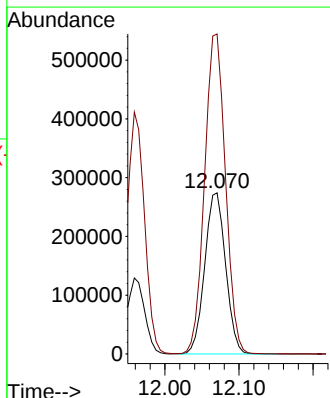
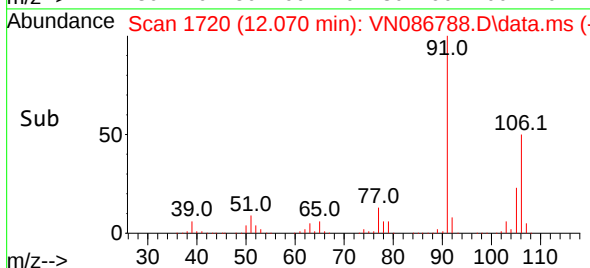
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

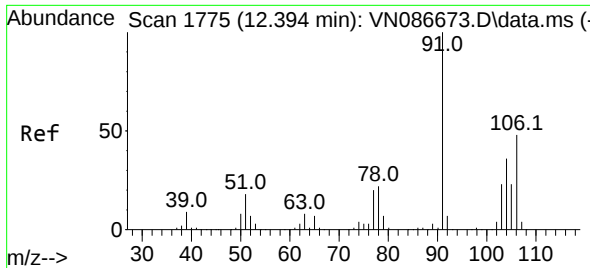


#68
m/p-Xylenes
Concen: 102.953 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



Tgt Ion:106 Resp: 536888
Ion Ratio Lower Upper
106 100
91 198.6 162.4 243.6





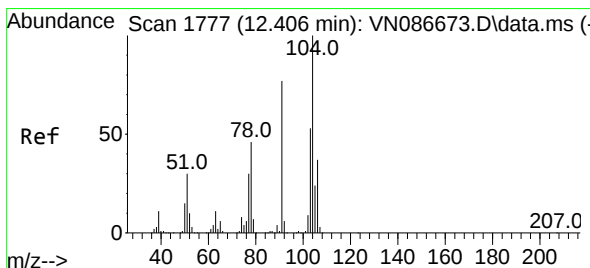
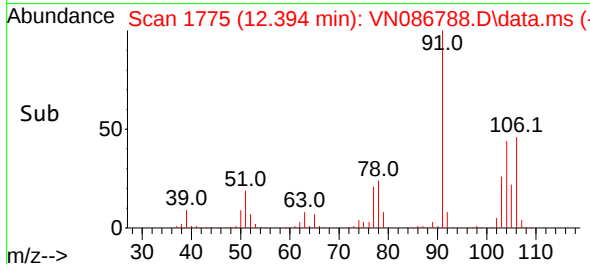
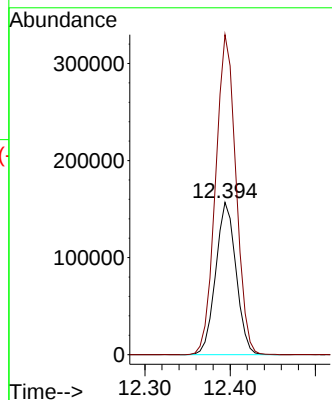
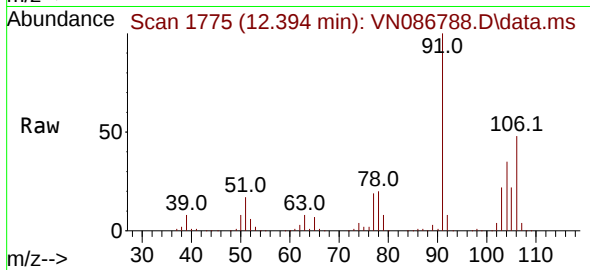
#69
o-Xylene
Concen: 50.190 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 260215
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.1

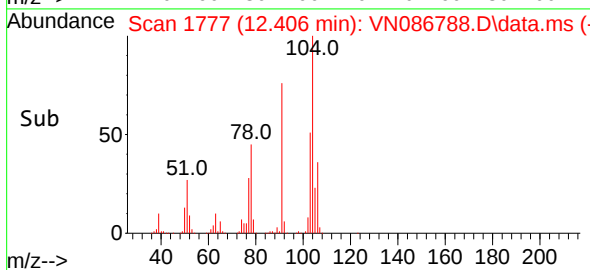
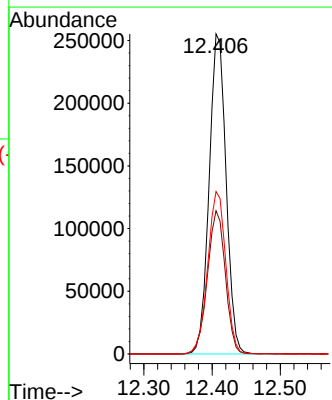
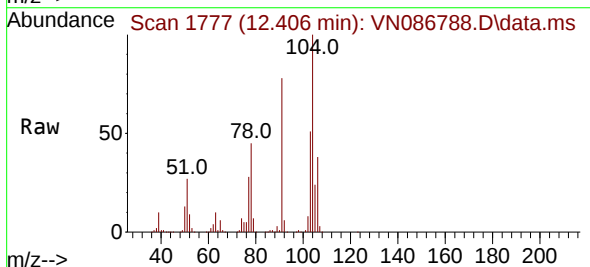
Manual Integrations
APPROVED

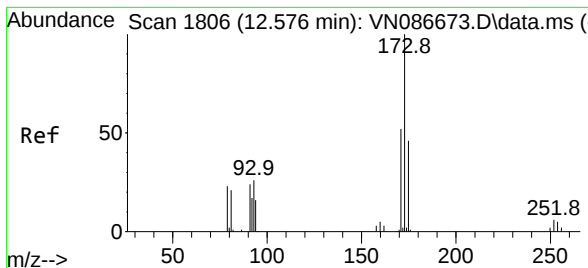
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 51.979 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

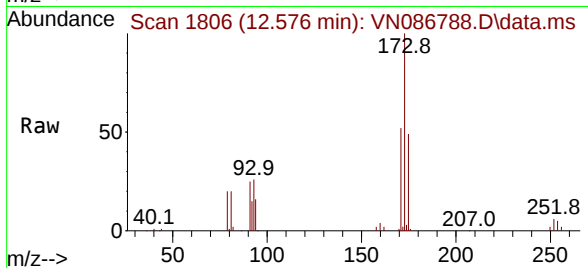
Tgt Ion:104 Resp: 441209
Ion Ratio Lower Upper
104 100
78 47.3 39.0 58.6
103 54.3 43.8 65.8





#71
Bromoform
Concen: 51.990 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

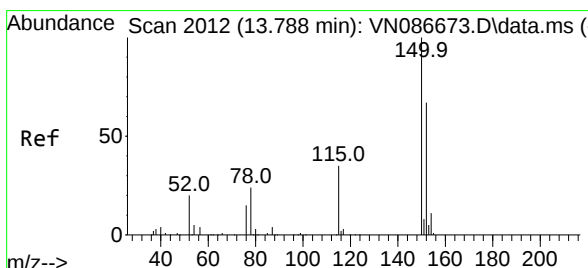
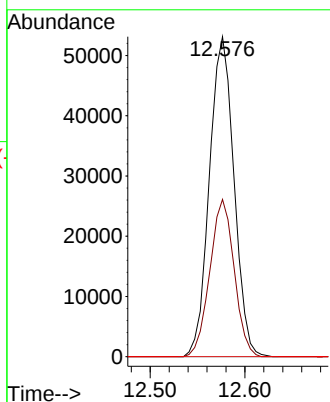
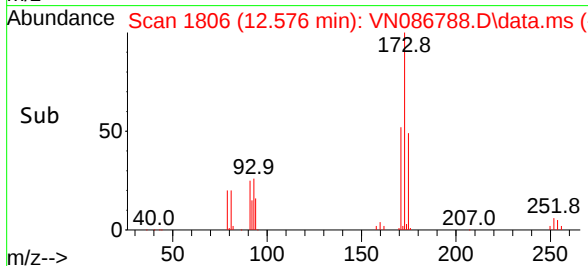
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



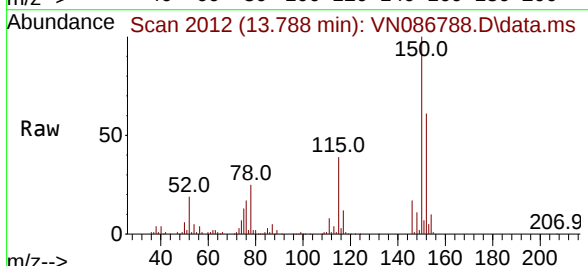
Tgt Ion:173 Resp: 95948
Ion Ratio Lower Upper
173 100
175 48.6 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

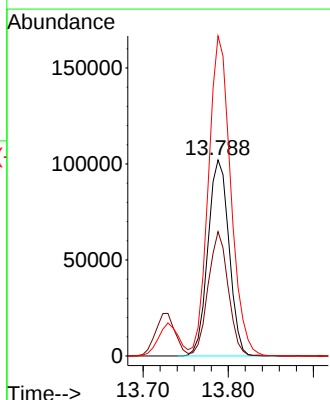
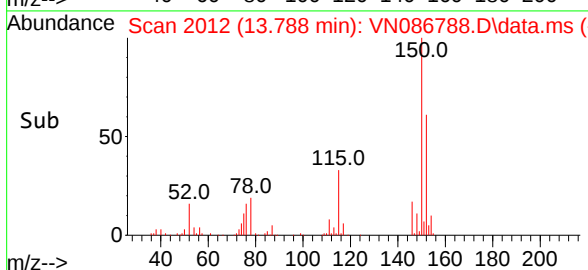
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

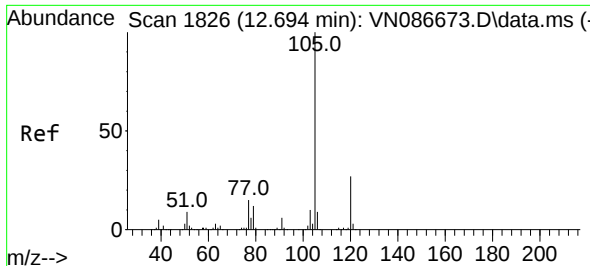


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



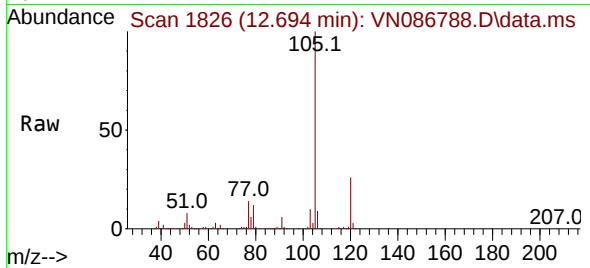
Tgt Ion:152 Resp: 175793
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.1
150 172.9 0.0 347.8





#73
Isopropylbenzene
Concen: 46.045 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

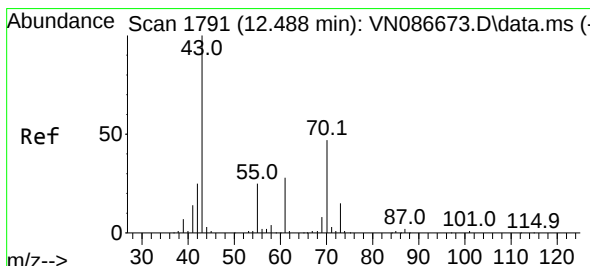
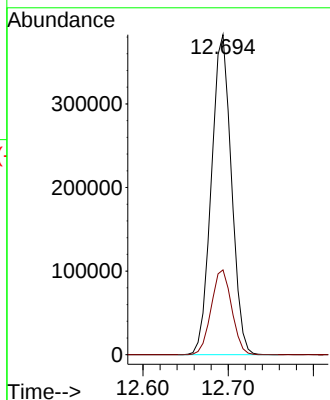
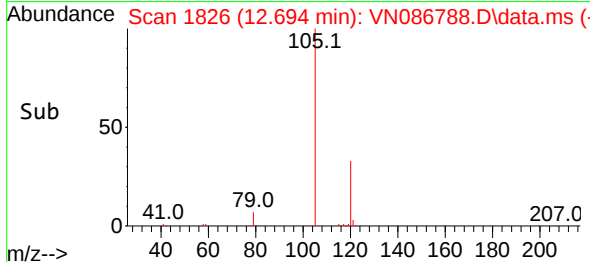
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



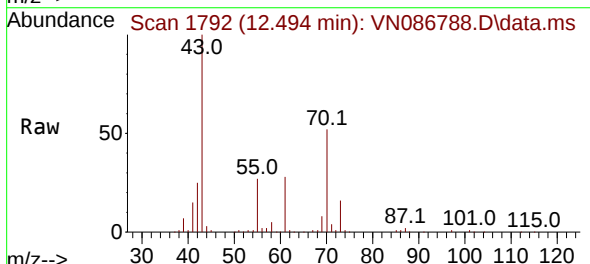
Tgt Ion:105 Resp: 62517
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1

Manual Integrations
APPROVED

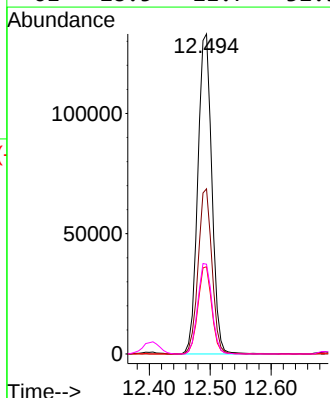
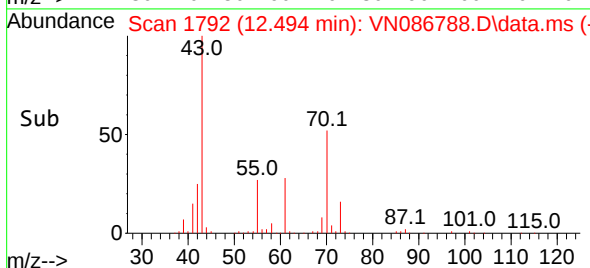
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

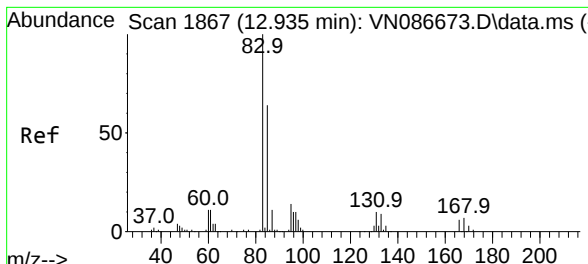


#74
N-ethyl acetate
Concen: 37.549 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



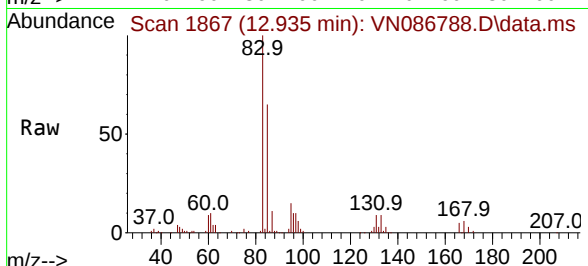
Tgt Ion: 43 Resp: 213002
Ion Ratio Lower Upper
43 100
70 50.7 37.9 56.9
55 26.7 20.5 30.7
61 28.5 21.7 32.5





#75
 1,1,2,2-Tetrachloroethane
 Concen: 29.813 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

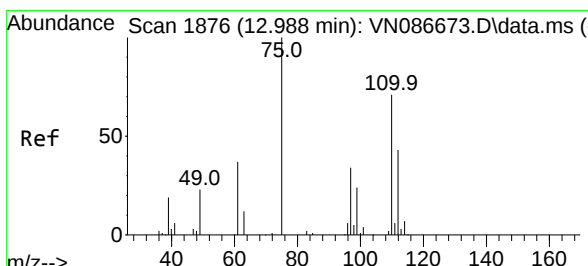
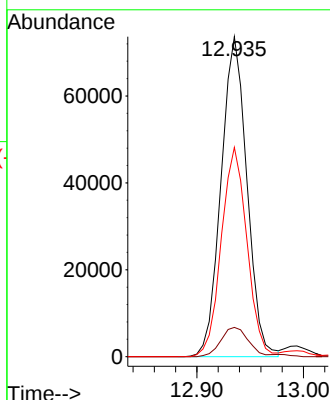
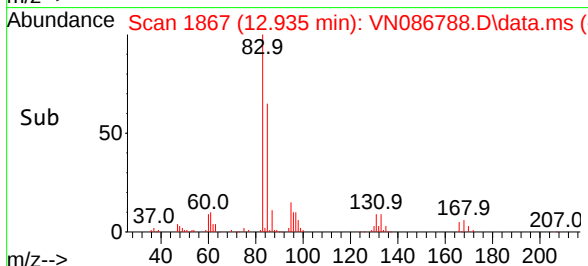
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 124354
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 15.0
 85 64.9 32.4 97.2

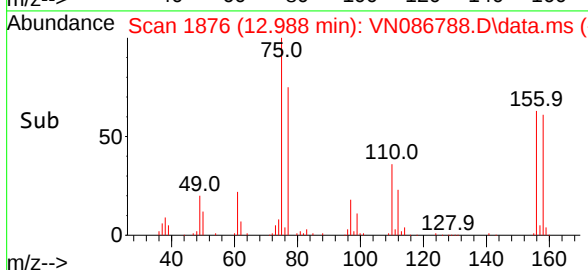
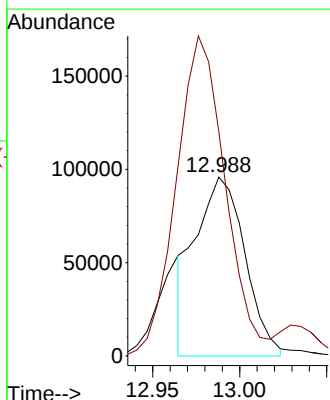
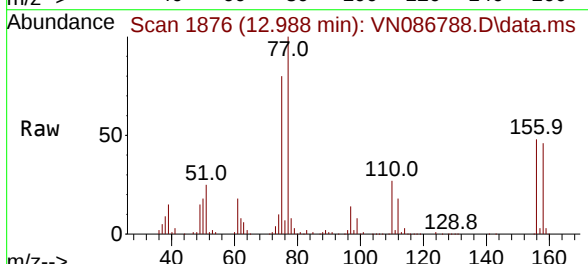
Manual Integrations
 APPROVED

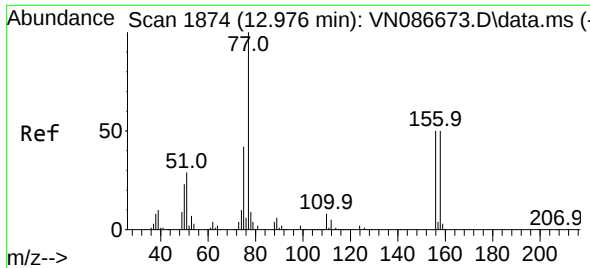
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#76
 1,2,3-Trichloropropane
 Concen: 47.691 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

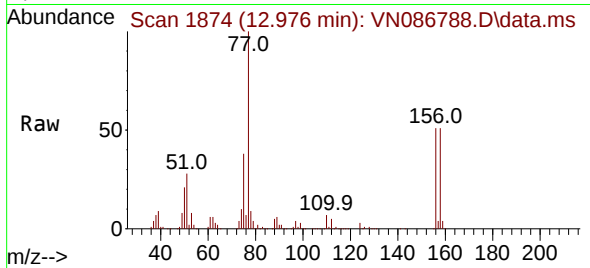
Tgt Ion: 75 Resp: 189607
 Ion Ratio Lower Upper
 75 100
 77 177.1 96.0 288.1





#77
Bromobenzene
Concen: 45.197 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

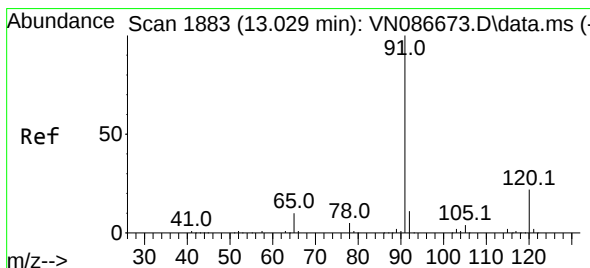
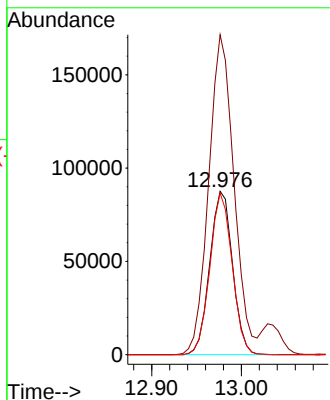
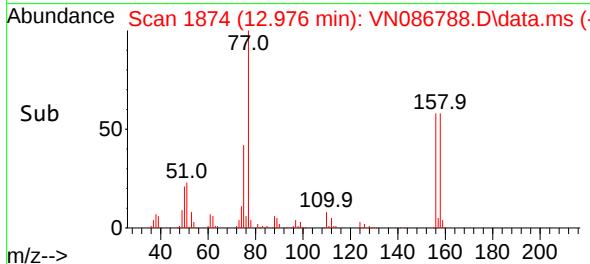
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



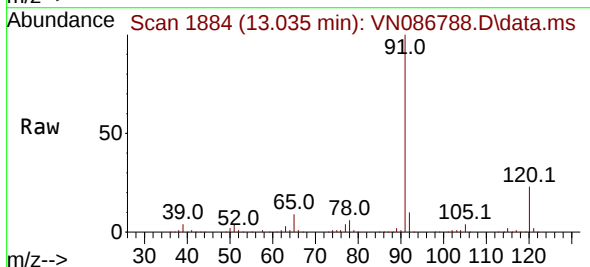
Tgt Ion:156 Resp: 15436
Ion Ratio Lower Upper
156 100
77 217.6 113.1 339.2
158 96.7 48.6 145.9

Manual Integrations
APPROVED

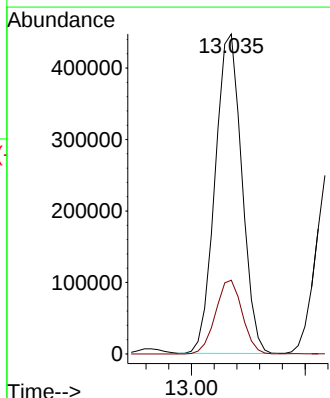
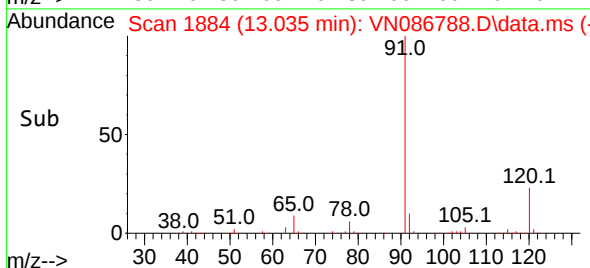
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

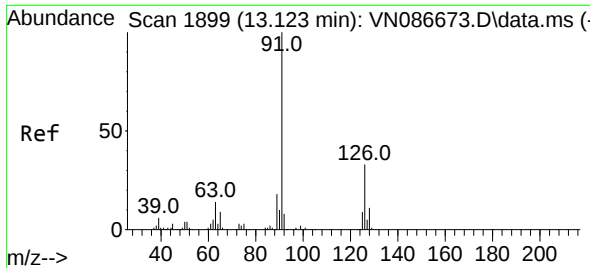


#78
n-propylbenzene
Concen: 46.869 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



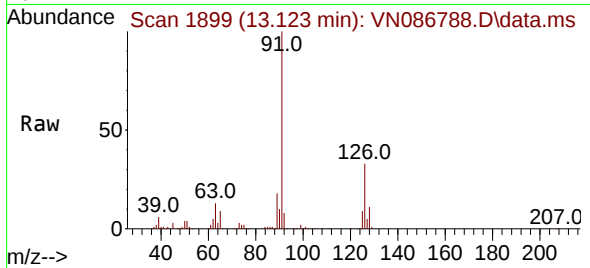
Tgt Ion: 91 Resp: 730273
Ion Ratio Lower Upper
91 100
120 23.1 11.4 34.1





#79
2-Chlorotoluene
Concen: 45.632 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

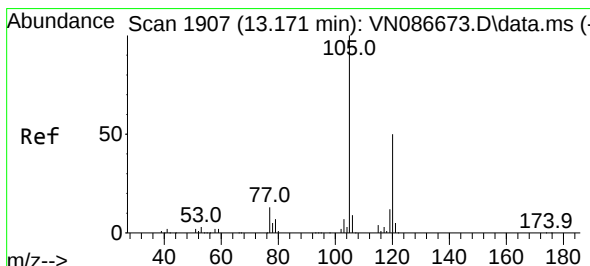
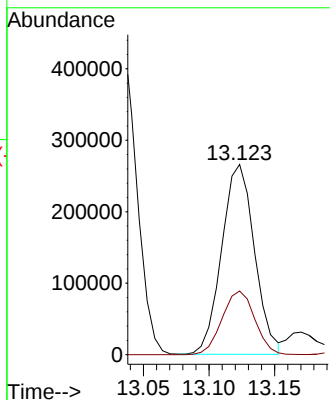
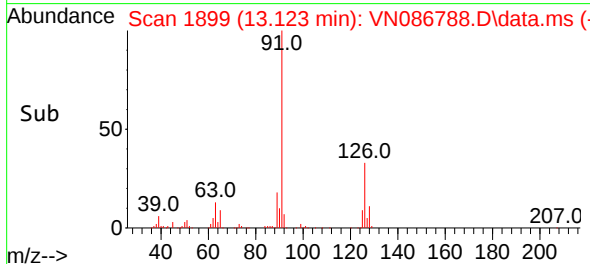
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 462300
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7

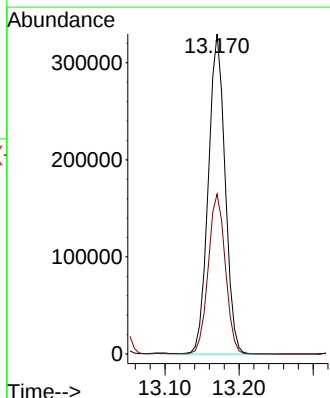
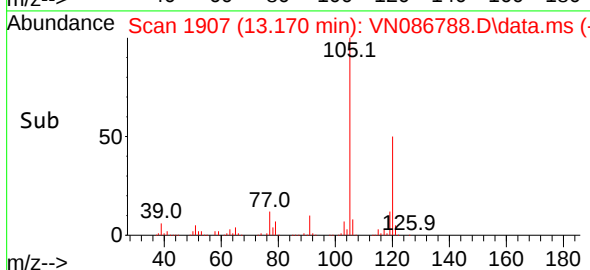
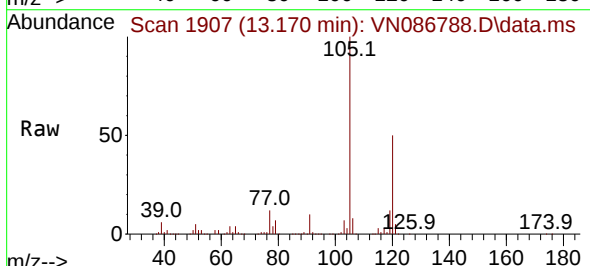
Manual Integrations
APPROVED

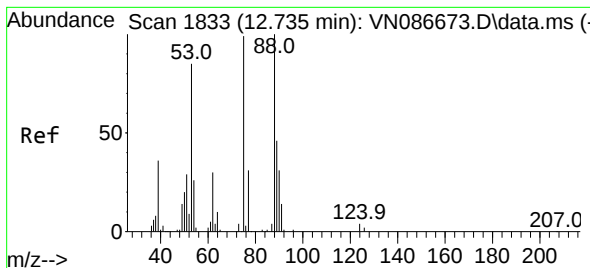
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.551 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

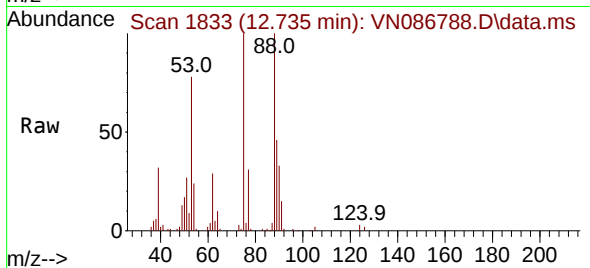
Tgt Ion:105 Resp: 517255
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 43.636 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

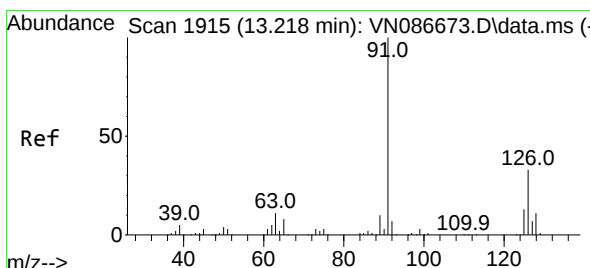
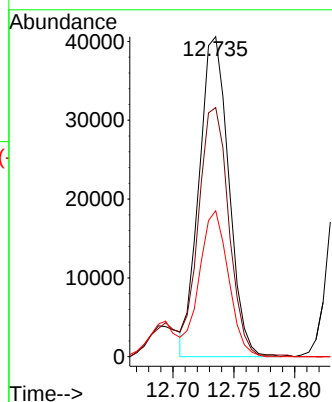
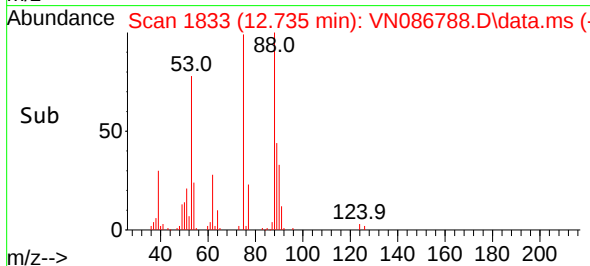
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 68744
Ion Ratio Lower Upper
75 100
53 78.4 70.4 105.6
89 44.8 32.4 48.6

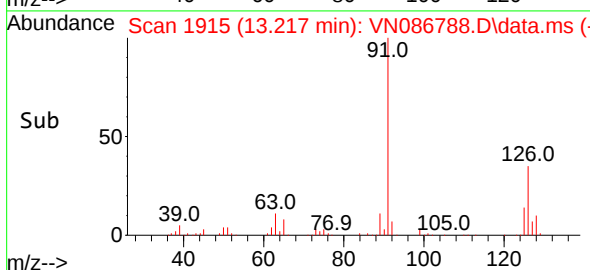
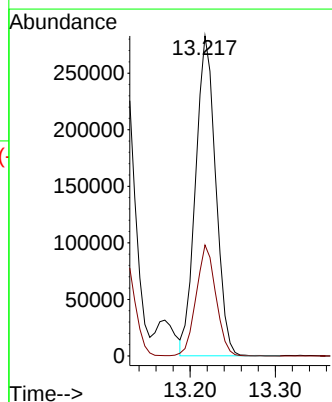
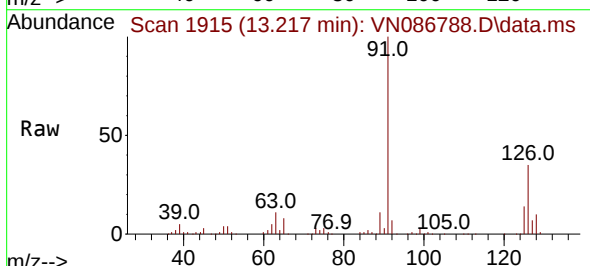
Manual Integrations
APPROVED

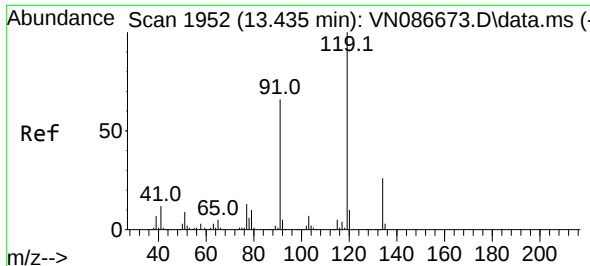
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#82
4-Chlorotoluene
Concen: 46.030 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

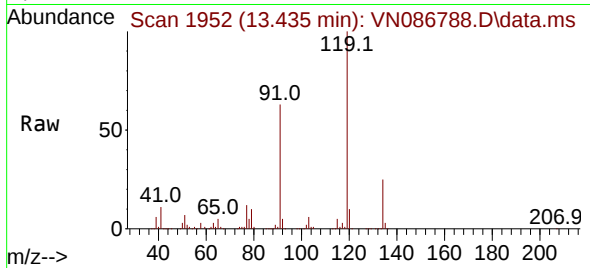
Tgt Ion: 91 Resp: 462006
Ion Ratio Lower Upper
91 100
126 34.2 17.0 50.9





#83
tert-Butylbenzene
Concen: 46.913 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

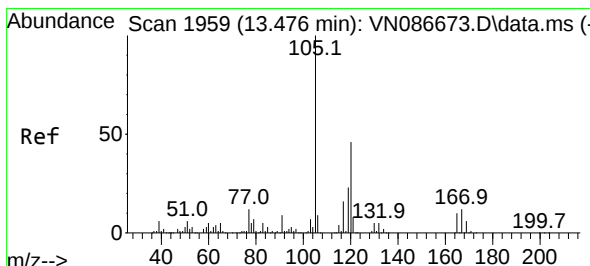
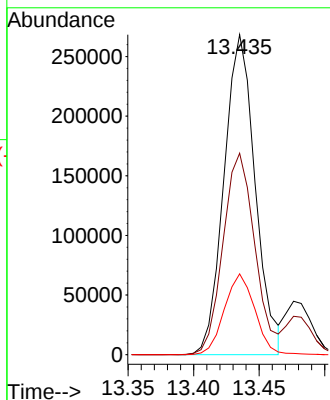
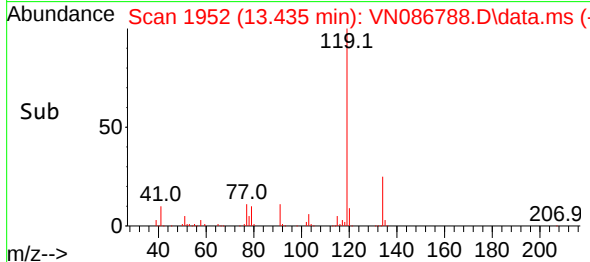
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



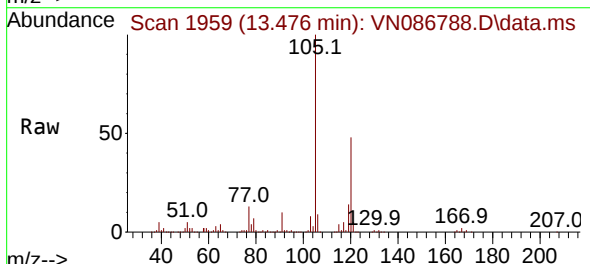
Tgt Ion:119 Resp: 445033
Ion Ratio Lower Upper
119 100
91 64.3 32.9 98.7
134 24.7 13.4 40.1

Manual Integrations
APPROVED

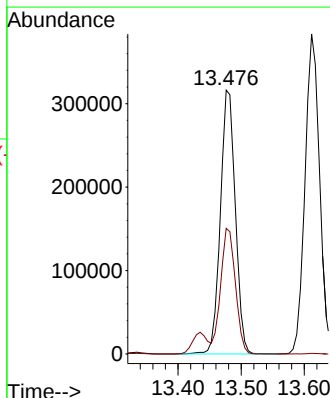
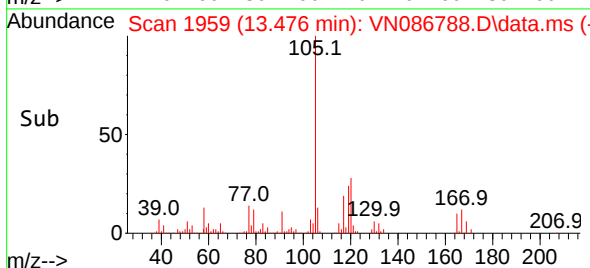
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

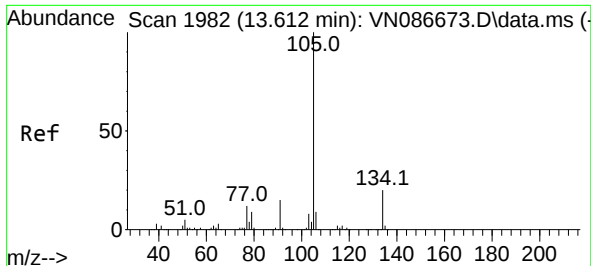


#84
1,2,4-Trimethylbenzene
Concen: 48.098 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



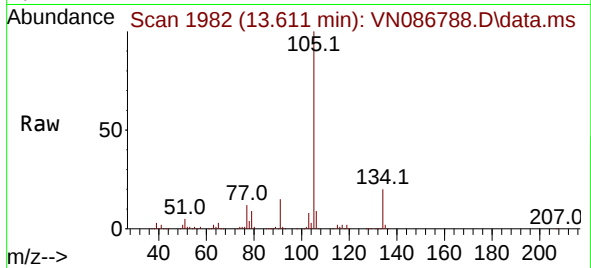
Tgt Ion:105 Resp: 521015
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 48.117 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04

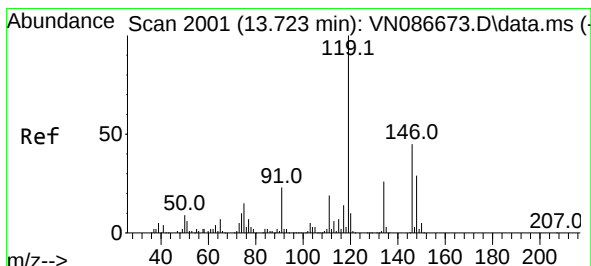
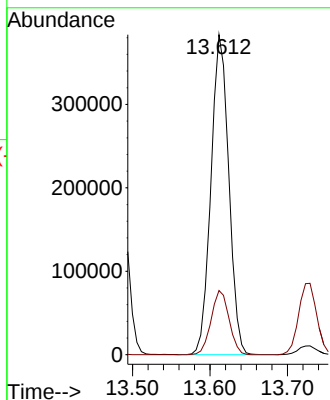
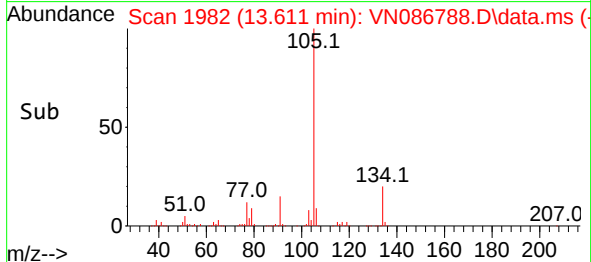
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



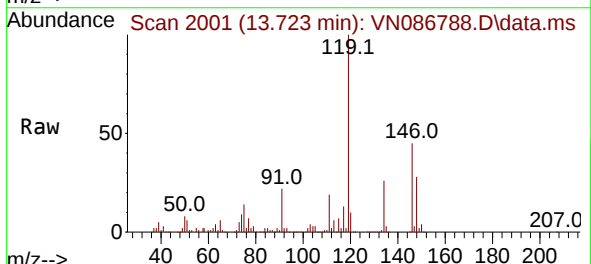
Tgt Ion:105 Resp: 612045
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
 APPROVED

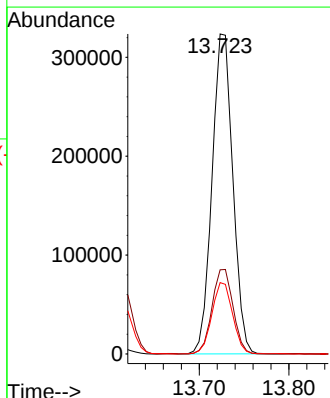
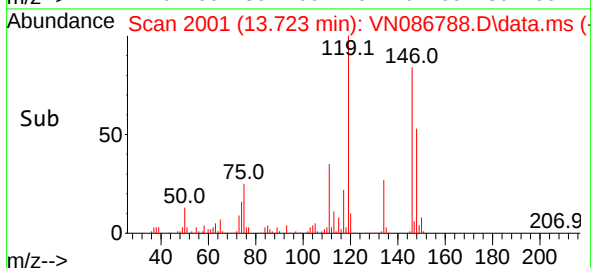
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

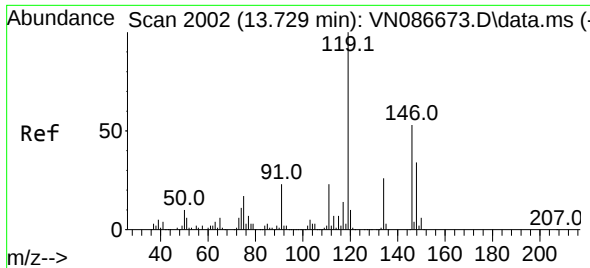


#86
 p-Isopropyltoluene
 Concen: 49.917 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086788.D
 Acq: 27 May 2025 17:04



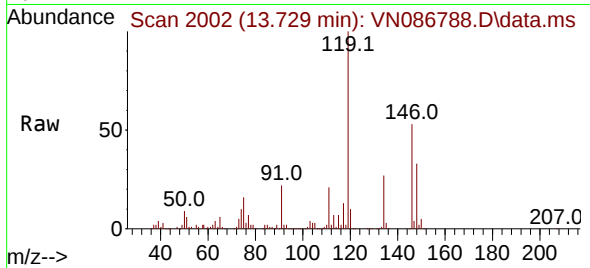
Tgt Ion:119 Resp: 520447
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.1 39.1
 91 22.3 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 48.048 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

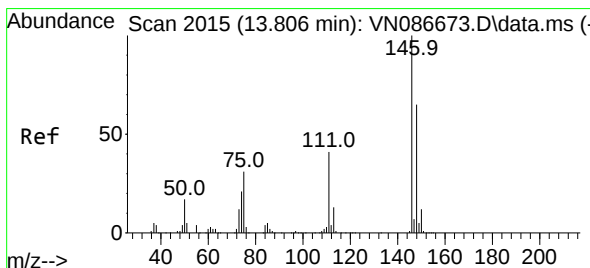
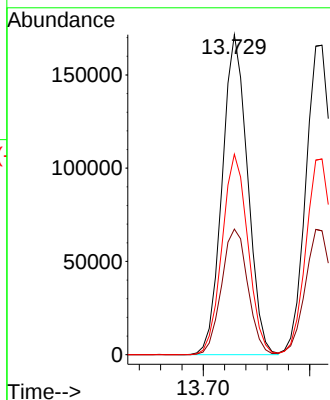
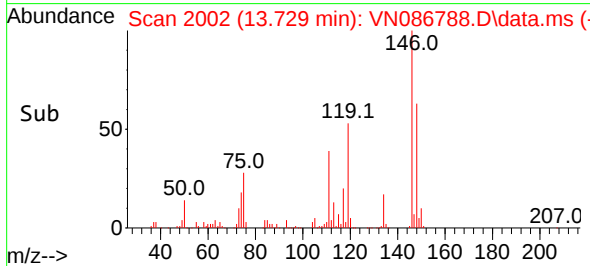
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 284162
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.7
148 63.7 31.8 95.4

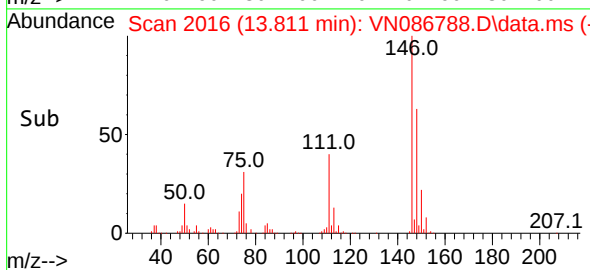
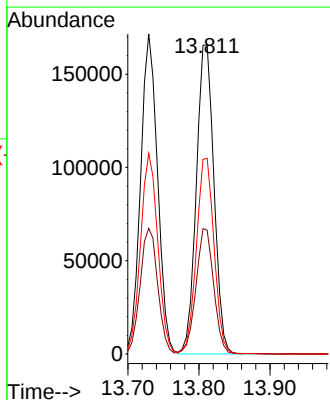
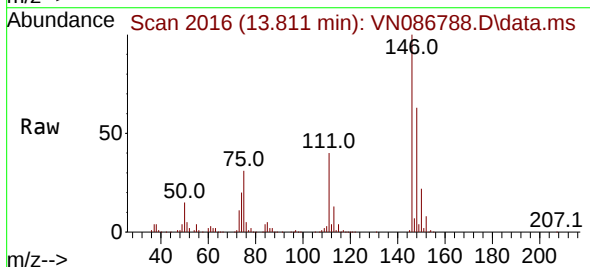
Manual Integrations
APPROVED

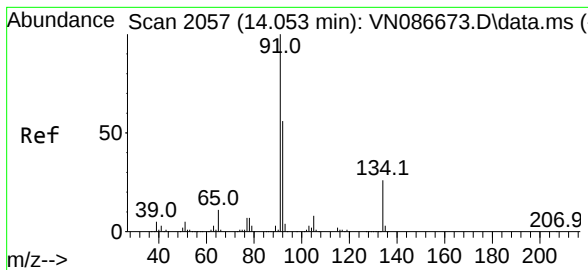
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#88
1,4-Dichlorobenzene
Concen: 48.951 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Tgt Ion:146 Resp: 286838
Ion Ratio Lower Upper
146 100
111 40.5 20.6 61.8
148 63.3 32.0 96.0





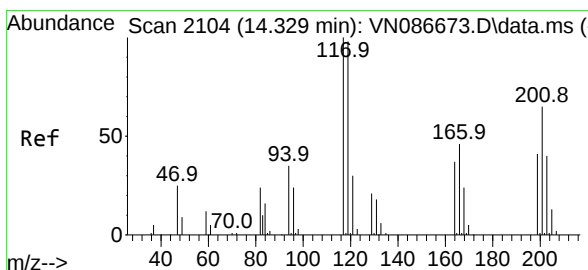
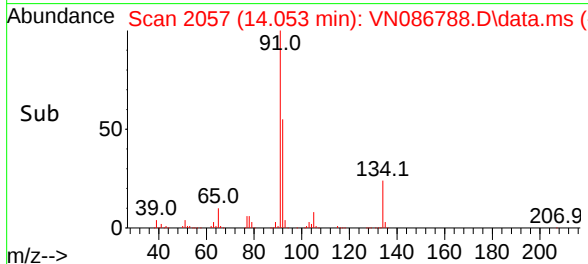
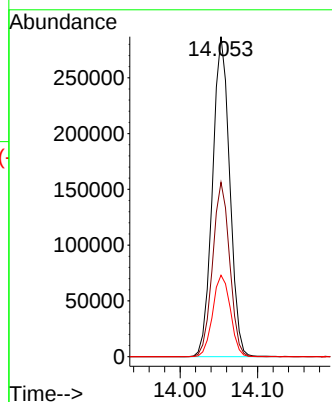
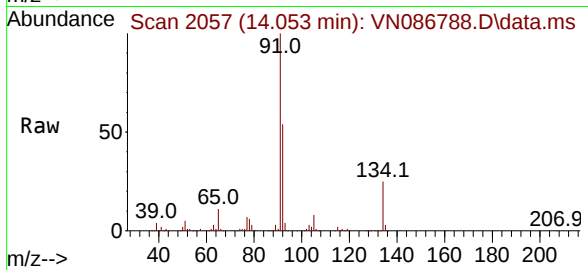
#89
n-Butylbenzene
Concen: 51.226 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 442768
Ion Ratio Lower Upper
91 100
92 53.9 27.4 82.0
134 26.1 12.8 38.4

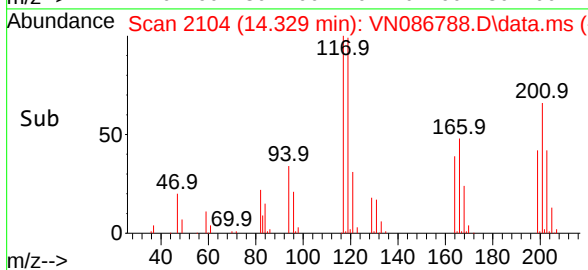
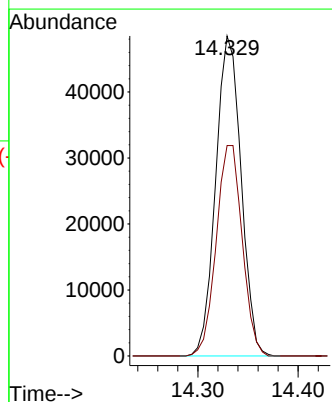
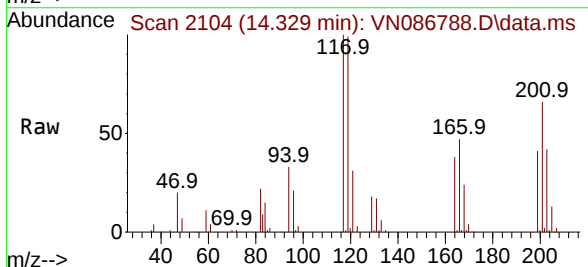
Manual Integrations
APPROVED

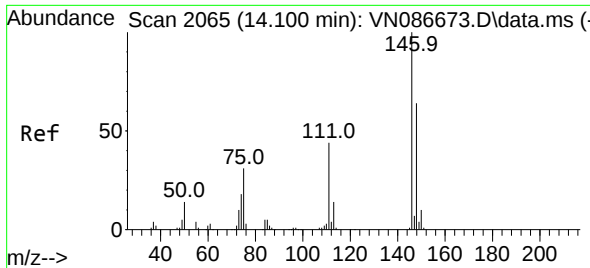
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 49.232 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Tgt Ion:117 Resp: 85167
Ion Ratio Lower Upper
117 100
201 67.3 32.0 96.0





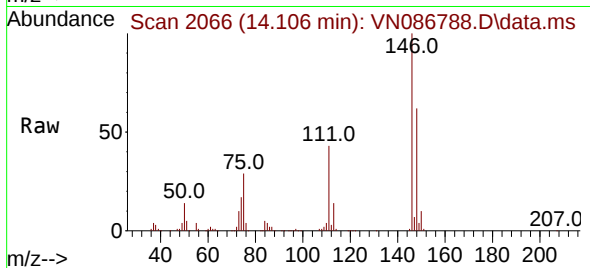
#91
1,2-Dichlorobenzene
Concen: 48.902 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



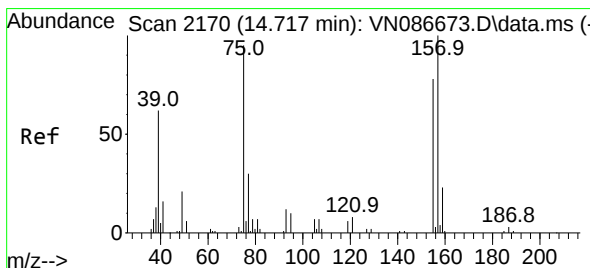
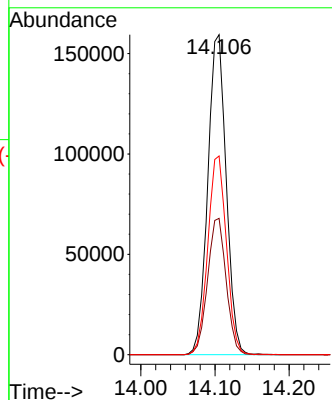
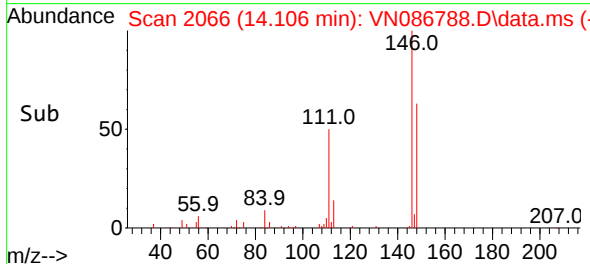
Tgt Ion:146 Resp: 27508
Ion Ratio Lower Upper
146 100
111 43.1 21.6 65.0
148 62.8 31.7 95.1

Manual Integrations

APPROVED

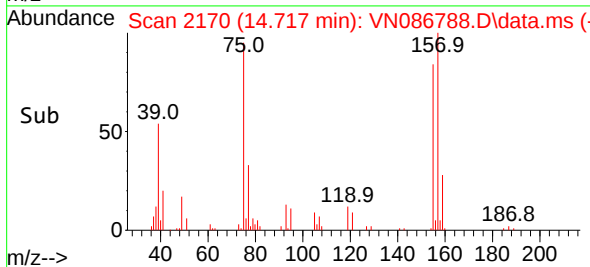
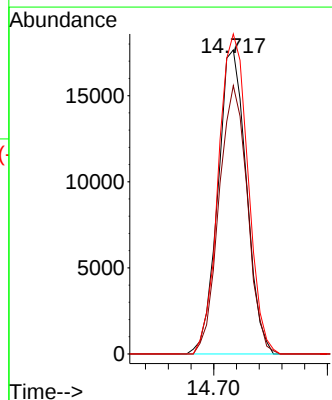
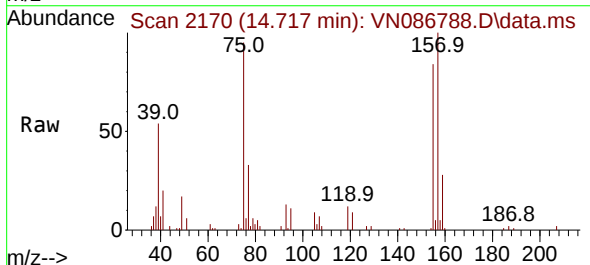
Reviewed By :John Carlone 05/29/2025

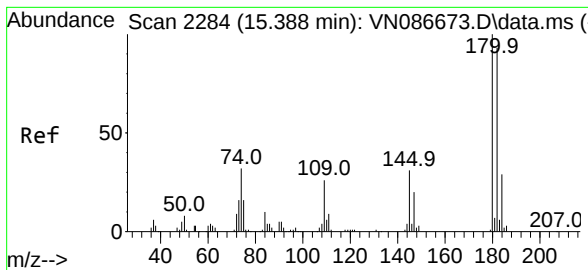
Supervised By :Mahesh Dadoda 05/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.488 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

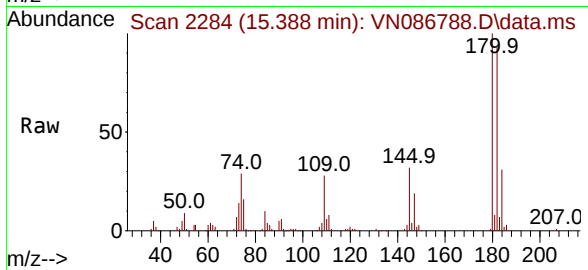
Tgt Ion: 75 Resp: 30741
Ion Ratio Lower Upper
75 100
155 87.8 40.5 121.5
157 108.8 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 53.893 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

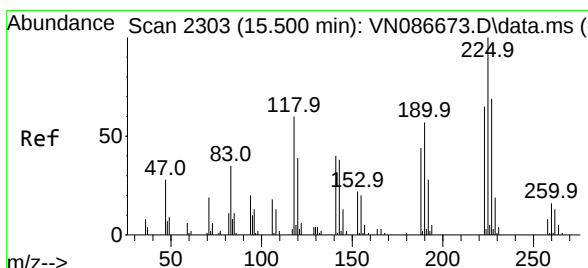
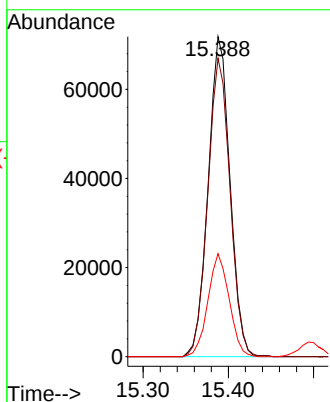
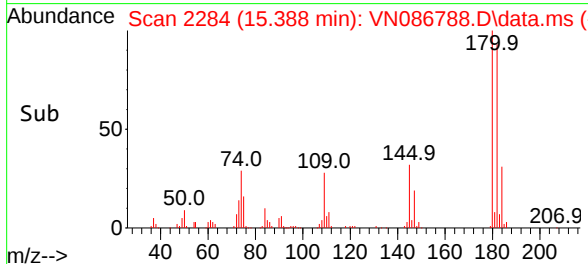
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



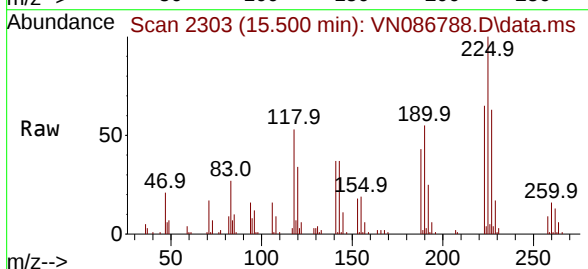
Tgt Ion:180 Resp: 12796
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 31.3 15.6 46.8

Manual Integrations
APPROVED

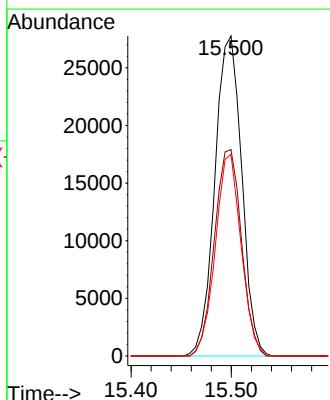
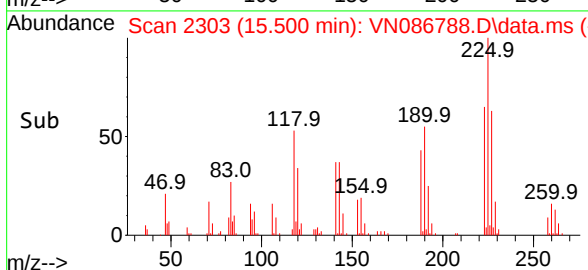
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

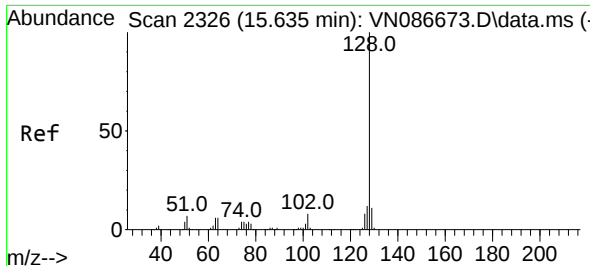


#94
Hexachlorobutadiene
Concen: 52.410 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



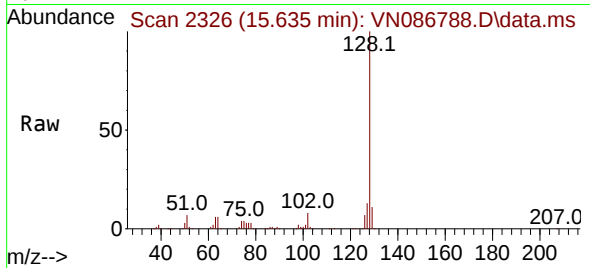
Tgt Ion:225 Resp: 51631
Ion Ratio Lower Upper
225 100
223 65.0 32.9 98.6
227 60.5 32.4 97.2





#95
Naphthalene
Concen: 49.398 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04

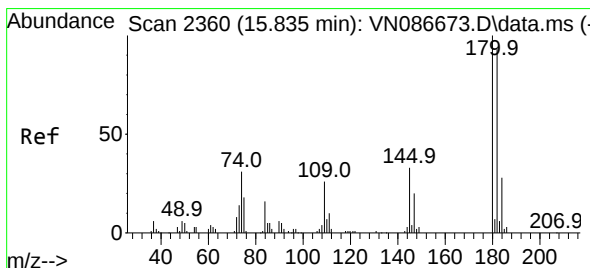
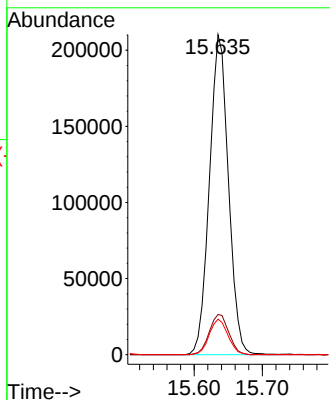
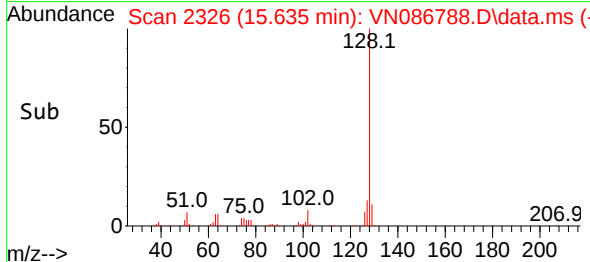
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



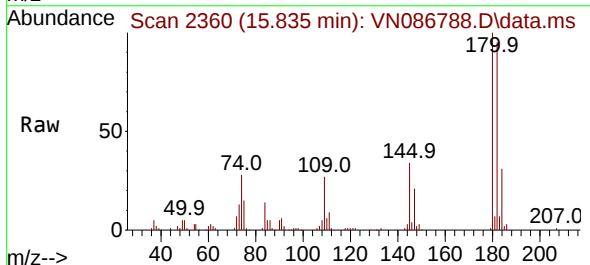
Tgt Ion:128 Resp: 407258
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.337 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086788.D
Acq: 27 May 2025 17:04



Tgt Ion:180 Resp: 119373
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.2
145 33.7 16.7 50.1

