

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086286.D
 Acq On : 16 Apr 2025 09:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 17 03:04:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	235673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	430893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	383563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164281	48.071	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.140%		
35) Dibromofluoromethane	8.165	113	92402	46.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.400%		
50) Toluene-d8	10.565	98	525438	49.161	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.320%		
62) 4-Bromofluorobenzene	12.847	95	192478	49.374	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	139730	50.015	ug/l	99
3) Chloromethane	2.359	50	187952	46.291	ug/l	99
4) Vinyl Chloride	2.512	62	186531	48.142	ug/l	99
5) Bromomethane	2.953	94	88918	51.019	ug/l	96
6) Chloroethane	3.118	64	119531	46.095	ug/l	99
7) Trichlorofluoromethane	3.500	101	206871	48.201	ug/l	97
8) Diethyl Ether	3.959	74	88542	47.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	126479	48.715	ug/l	99
10) Methyl Iodide	4.583	142	152531	53.436	ug/l	99
11) Tert butyl alcohol	5.512	59	150071	240.673	ug/l	100
12) 1,1-Dichloroethene	4.342	96	130797	47.154	ug/l	94
13) Acrolein	4.177	56	76094	262.459	ug/l	96
14) Allyl chloride	5.018	41	225300	45.690	ug/l	99
15) Acrylonitrile	5.712	53	371338	240.904	ug/l	100
16) Acetone	4.418	43	299320	253.403	ug/l	100
17) Carbon Disulfide	4.712	76	364873	43.931	ug/l	99
18) Methyl Acetate	5.018	43	186352	45.427	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	472153	46.306	ug/l	100
20) Methylene Chloride	5.277	84	147320	46.630	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	135959	46.882	ug/l	100
22) Diisopropyl ether	6.665	45	498190	46.443	ug/l	99
23) Vinyl Acetate	6.600	43	1746712	232.938	ug/l	98
24) 1,1-Dichloroethane	6.571	63	268843	47.500	ug/l	99
25) 2-Butanone	7.477	43	503322	236.612	ug/l	98
26) 2,2-Dichloropropane	7.488	77	243488	48.048	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	166409	46.233	ug/l	100
28) Bromochloromethane	7.812	49	114783	47.831	ug/l	100
29) Tetrahydrofuran	7.835	42	330147	232.094	ug/l	99
30) Chloroform	7.959	83	259399	46.656	ug/l	98
31) Cyclohexane	8.253	56	251642	45.437	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	223386	46.967	ug/l	99
36) 1,1-Dichloropropene	8.371	75	193287	48.390	ug/l	100
37) Ethyl Acetate	7.553	43	193953	46.122	ug/l	98
38) Carbon Tetrachloride	8.359	117	185182	48.682	ug/l	98
39) Methylcyclohexane	9.600	83	230804	48.614	ug/l	99
40) Benzene	8.600	78	613264	47.920	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	114048	46.794	ug/l	100
42) 1,2-Dichloroethane	8.665	62	195800	47.977	ug/l	100
43) Isopropyl Acetate	8.682	43	362008	47.992	ug/l	98
44) Trichloroethene	9.347	130	151444	49.927	ug/l	100
45) 1,2-Dichloropropane	9.618	63	150667	48.096	ug/l	98
46) Dibromomethane	9.706	93	97743	48.970	ug/l	99
47) Bromodichloromethane	9.882	83	209384	48.571	ug/l	100
48) Methyl methacrylate	9.676	41	170133	46.070	ug/l	99
49) 1,4-Dioxane	9.688	88	59527	947.648	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	1033728	240.057	ug/l	99
52) Toluene	10.623	92	385532	48.280	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	238507	49.563	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	254333	48.119	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	137156	47.739	ug/l	96
56) Ethyl methacrylate	10.871	69	254512	48.193	ug/l	99
57) 1,3-Dichloropropane	11.159	76	246324	48.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	614176	245.023	ug/l	100
59) 2-Hexanone	11.194	43	771609	241.579	ug/l	100
60) Dibromochloromethane	11.353	129	153985	48.808	ug/l	99
61) 1,2-Dibromoethane	11.465	107	139475	48.111	ug/l	99
64) Tetrachloroethene	11.100	164	145847	49.433	ug/l	98
65) Chlorobenzene	11.888	112	407897	47.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	136092	48.194	ug/l	99
67) Ethyl Benzene	11.959	91	742623	48.077	ug/l	99
68) m/p-Xylenes	12.065	106	562291	97.152	ug/l	99
69) o-Xylene	12.394	106	272968	47.691	ug/l	99
70) Styrene	12.406	104	467765	49.048	ug/l	100
71) Bromoform	12.576	173	102569	48.243	ug/l #	99
73) Isopropylbenzene	12.694	105	678138	46.758	ug/l	100
74) N-amyl acetate	12.488	43	317872	44.026	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	182886	43.857	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	188539m	45.063	ug/l	
77) Bromobenzene	12.976	156	152840	47.562	ug/l	99
78) n-propylbenzene	13.029	91	813823	47.620	ug/l	100
79) 2-Chlorotoluene	13.123	91	500975	46.847	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	560090	47.184	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	92189	52.918	ug/l	93
82) 4-Chlorotoluene	13.217	91	506641	47.693	ug/l	99
83) tert-Butylbenzene	13.435	119	467771	45.479	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	573671	47.478	ug/l	100
85) sec-Butylbenzene	13.611	105	679238	47.611	ug/l	100
86) p-Isopropyltoluene	13.729	119	571595	48.608	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	291794	48.303	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	291992	47.989	ug/l	99
89) n-Butylbenzene	14.053	91	513021	49.219	ug/l	99
90) Hexachloroethane	14.329	117	93202	47.120	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	279296	47.687	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40668	48.367	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	139704	49.814	ug/l	99
94) Hexachlorobutadiene	15.500	225	52193	49.301	ug/l	99
95) Naphthalene	15.635	128	480514	48.334	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	127501	48.020	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

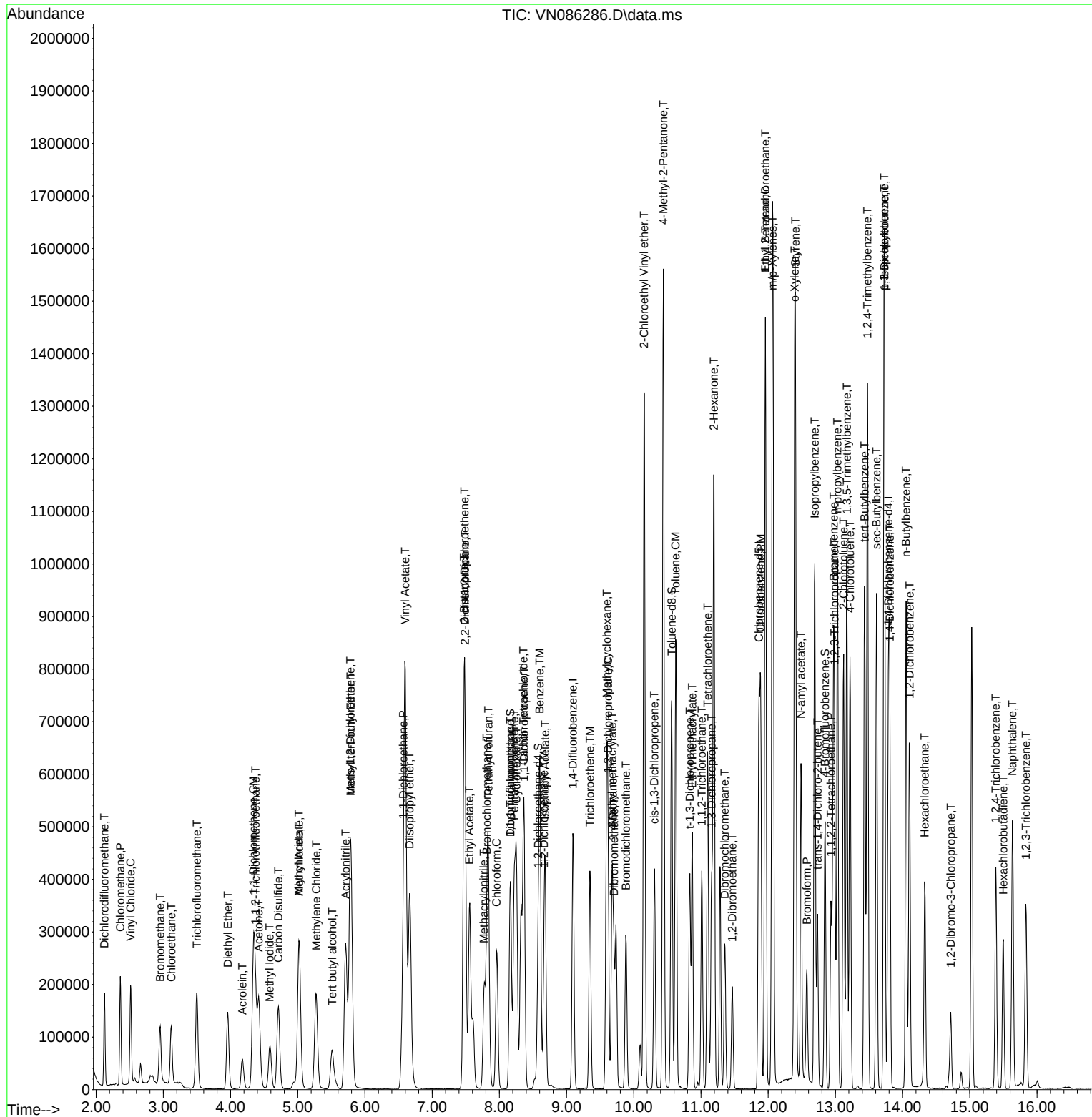
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
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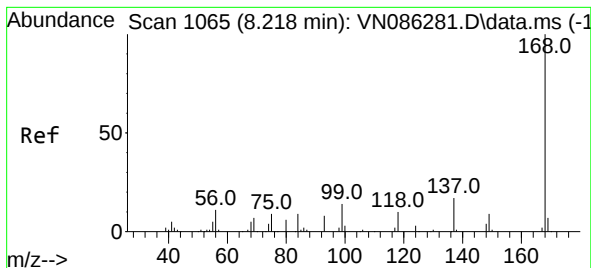
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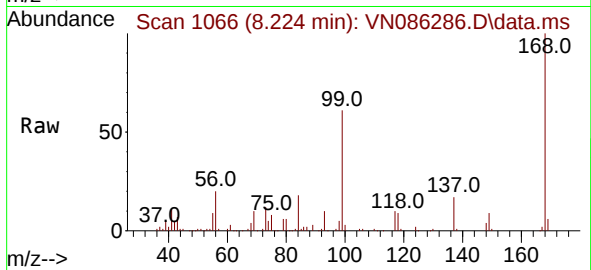
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

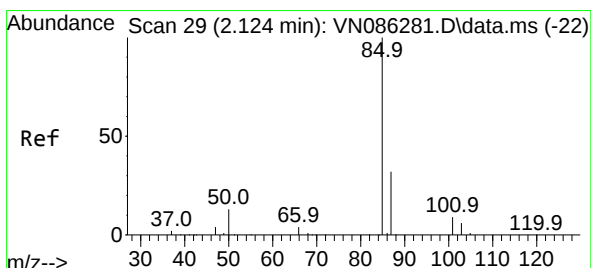
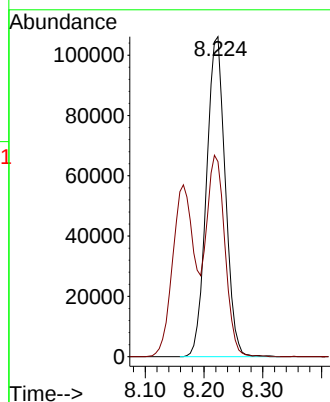
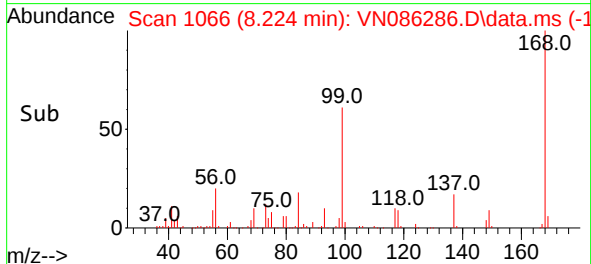
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 23567
Ion Ratio Lower Upper
168 100
99 60.9 52.5 78.7

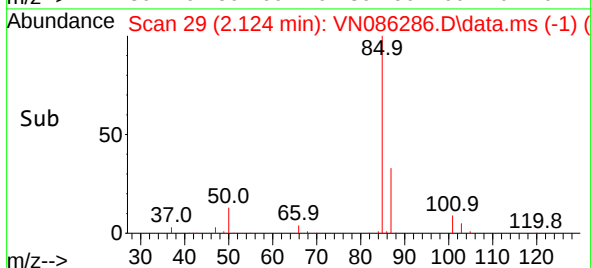
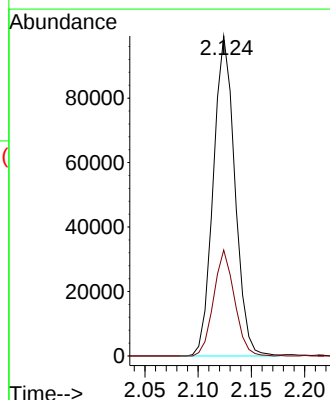
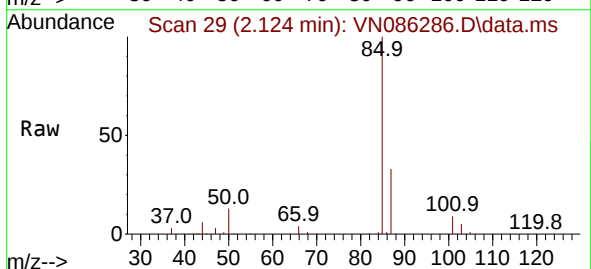
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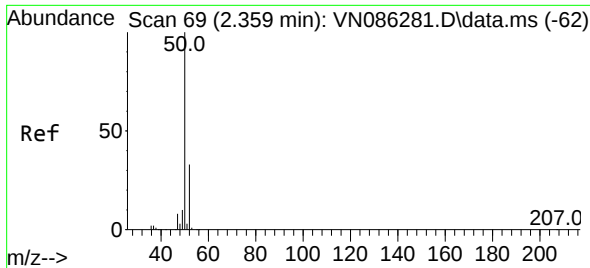
Reviewed By :John Carlone 04/17/2025
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#2
Dichlorodifluoromethane
Concen: 50.015 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

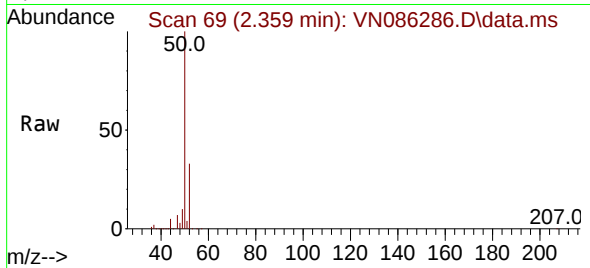
Tgt Ion: 85 Resp: 139730
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.8





#3
Chloromethane
Concen: 46.291 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

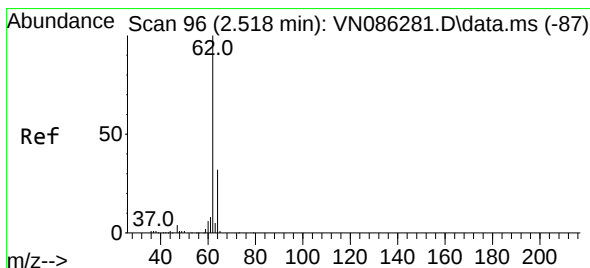
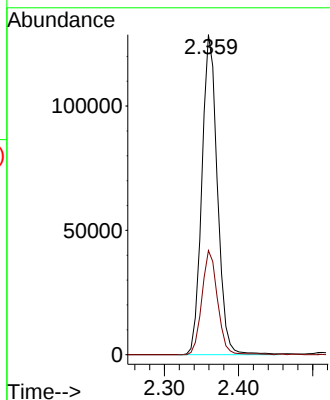
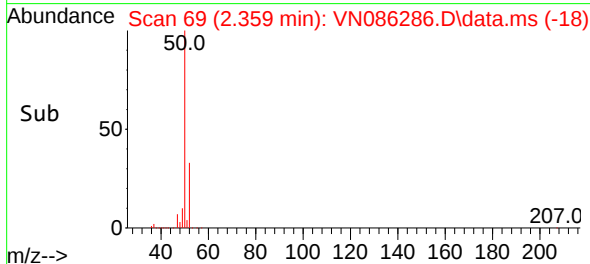
Instrument :
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Tgt Ion: 50 Resp: 187952
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

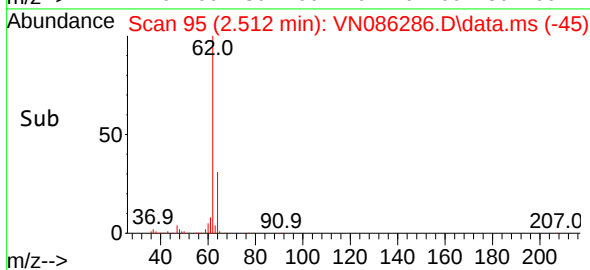
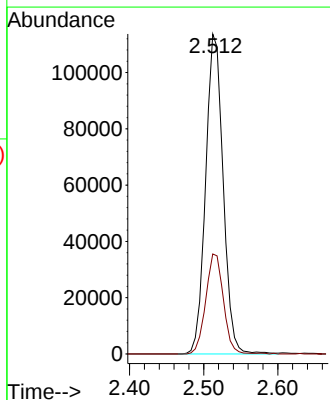
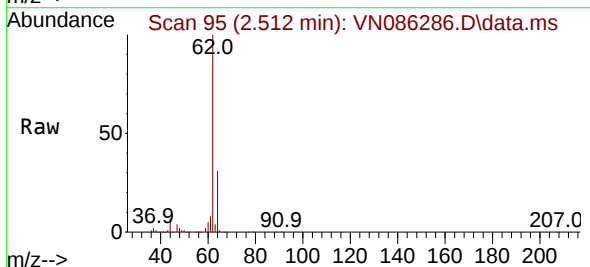
Manual Integrations
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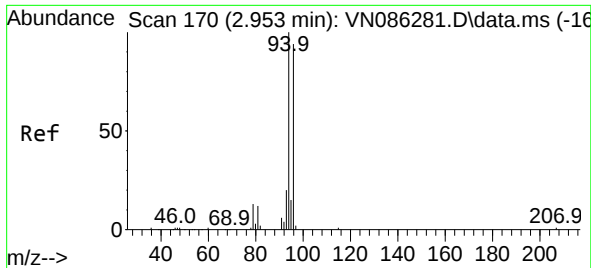
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#4
Vinyl Chloride
Concen: 48.142 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

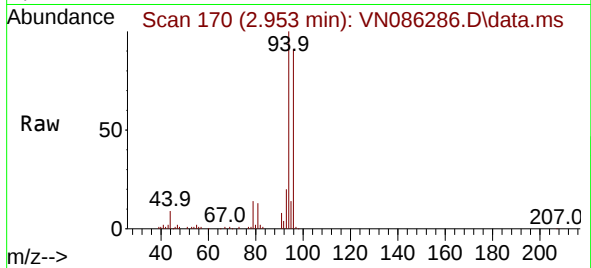
Tgt Ion: 62 Resp: 186531
Ion Ratio Lower Upper
62 100
64 31.2 25.6 38.4





#5
Bromomethane
Concen: 51.019 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

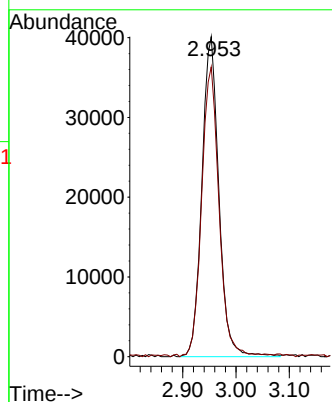
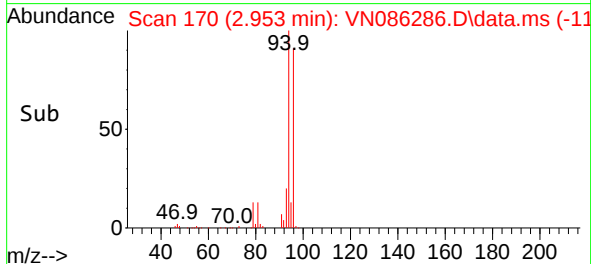
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 88918
Ion Ratio Lower Upper
94 100
96 90.5 75.2 112.8

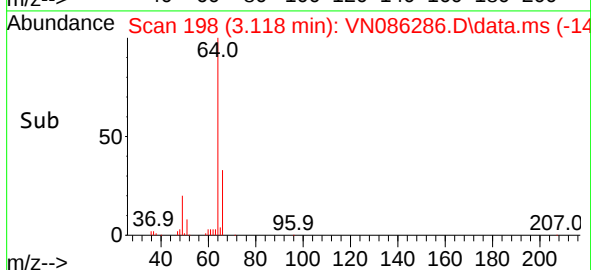
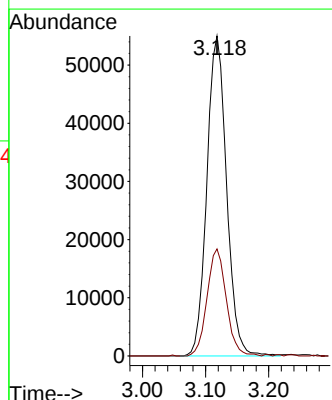
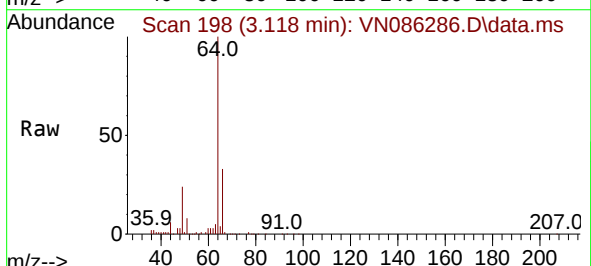
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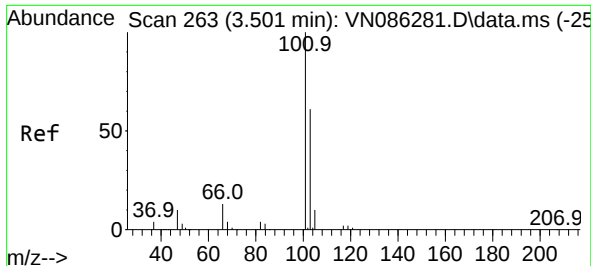
Reviewed By :John Carlone 04/17/2025
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#6
Chloroethane
Concen: 46.095 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

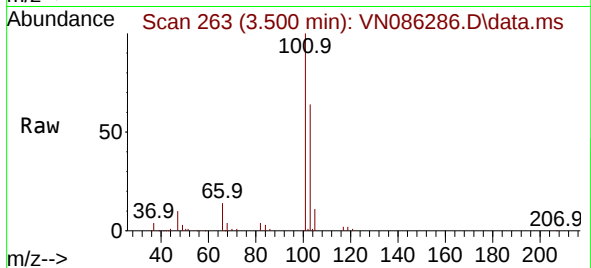
Tgt Ion: 64 Resp: 119531
Ion Ratio Lower Upper
64 100
66 33.5 26.2 39.2





#7
Trichlorofluoromethane
Concen: 48.201 ug/l
RT: 3.500 min Scan# 20687
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

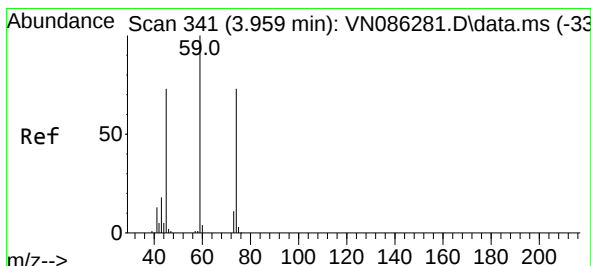
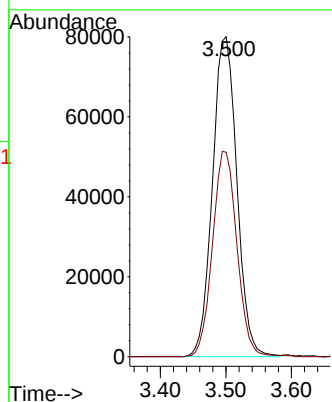
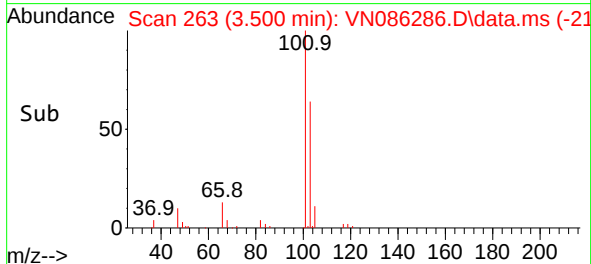
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 20687
Ion Ratio Lower Upper
101 100
103 63.9 49.2 73.8

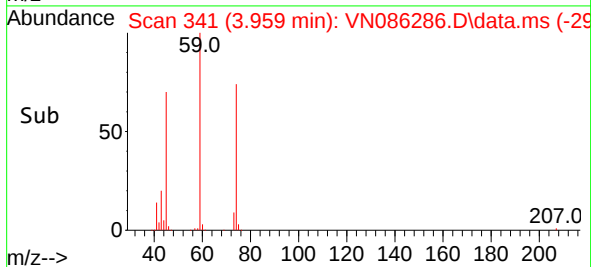
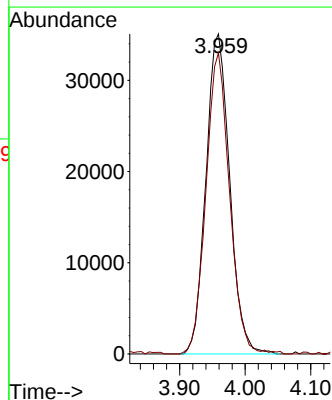
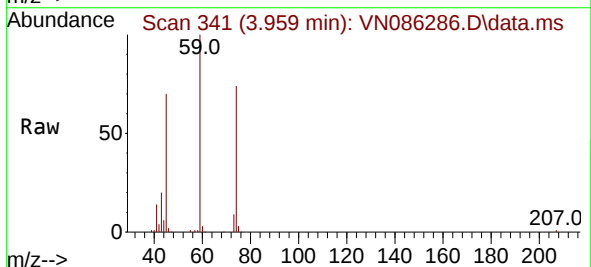
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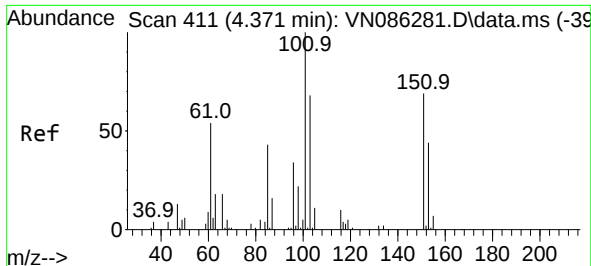
Reviewed By :John Carlone 04/17/2025
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#8
Diethyl Ether
Concen: 47.257 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Tgt Ion: 74 Resp: 88542
Ion Ratio Lower Upper
74 100
45 93.4 48.0 144.2





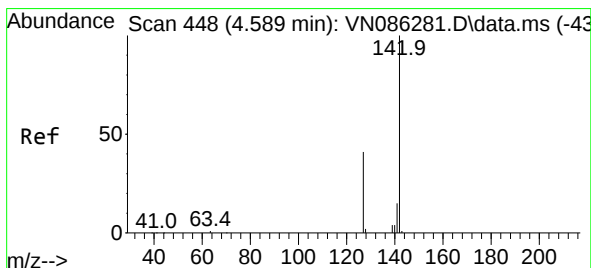
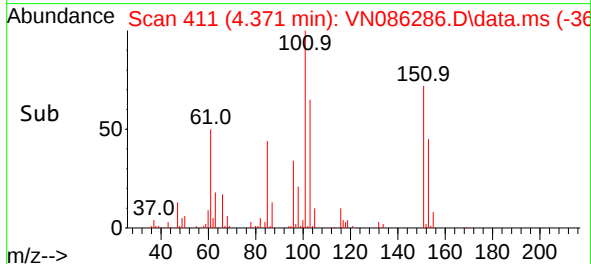
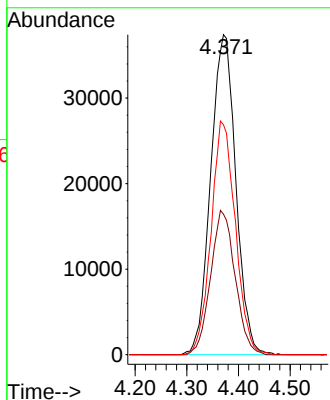
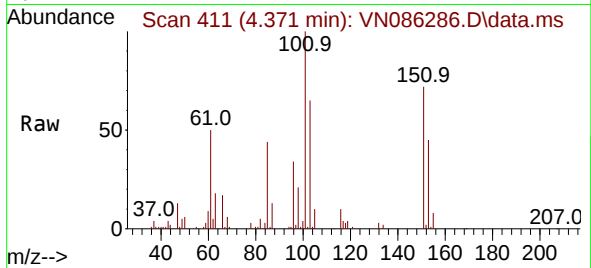
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.715 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 126479
Ion Ratio Lower Upper
101 100
85 43.9 34.7 52.1
151 70.5 56.1 84.1

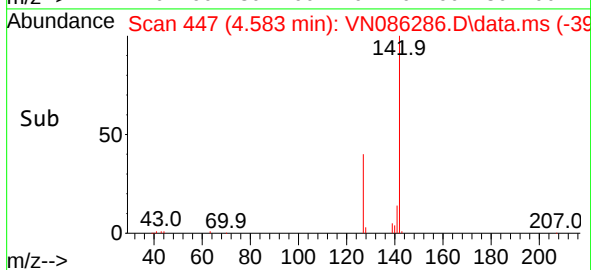
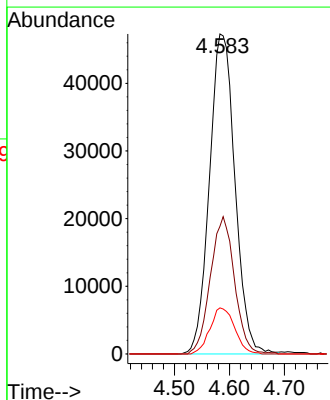
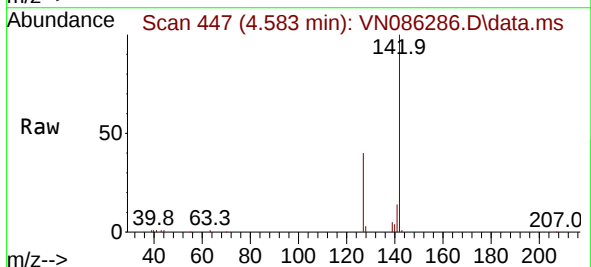
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Methyl Iodide
Concen: 53.436 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

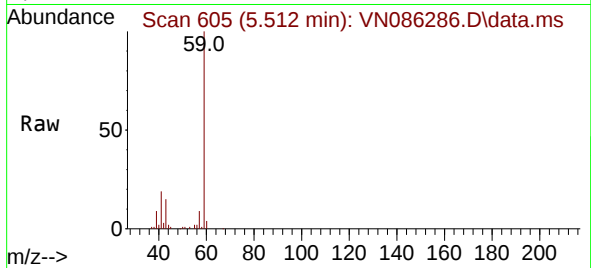
Tgt Ion:142 Resp: 152531
Ion Ratio Lower Upper
142 100
127 39.9 32.7 49.1
141 14.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 240.673 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

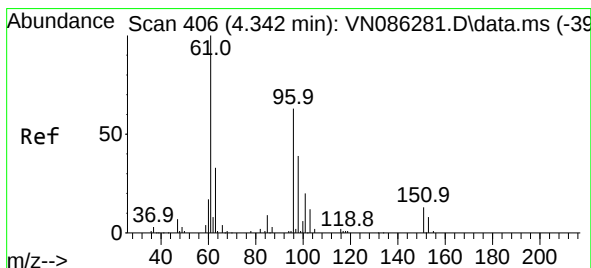
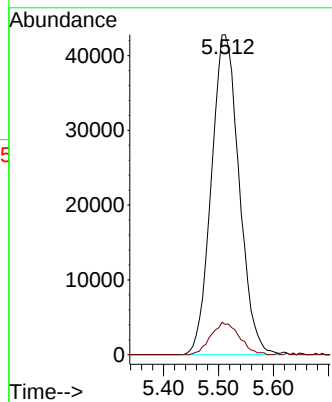
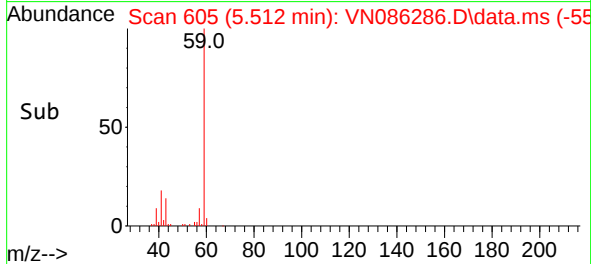
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



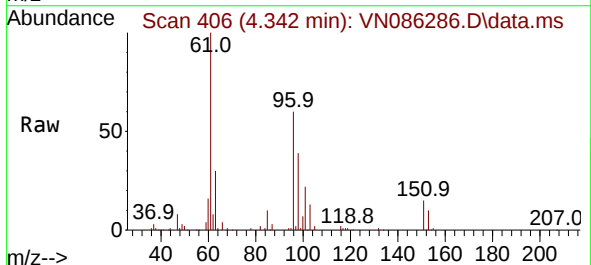
Tgt Ion: 59 Resp: 150073
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

Manual Integrations
APPROVED

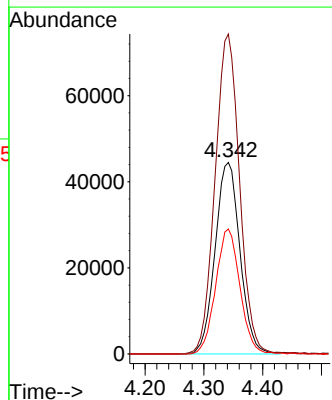
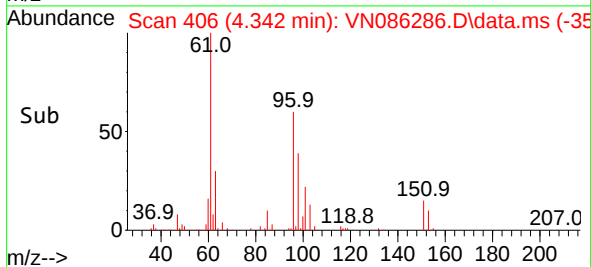
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#12
1,1-Dichloroethene
Concen: 47.154 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



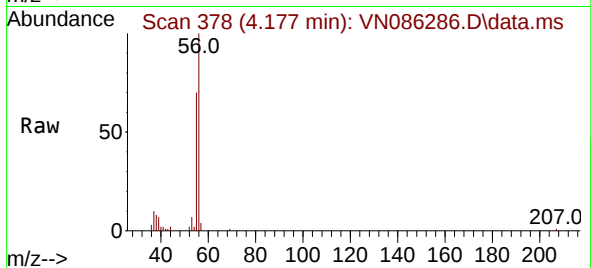
Tgt Ion: 96 Resp: 130797
Ion Ratio Lower Upper
96 100
61 167.0 126.6 189.8
98 65.2 49.6 74.4





#13
Acrolein
Concen: 262.459 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

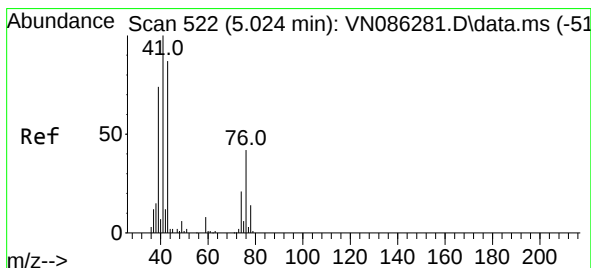
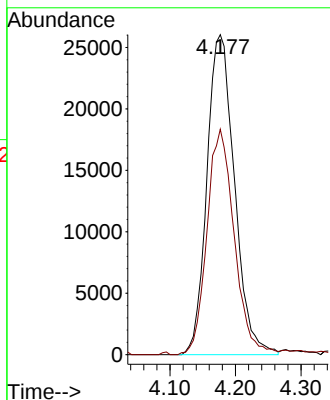
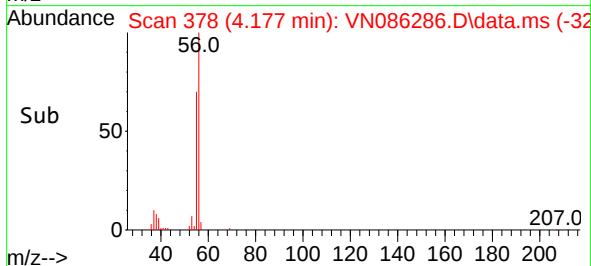
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



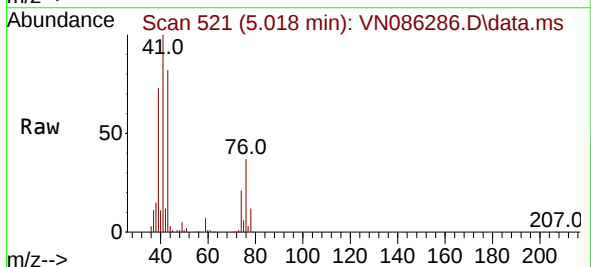
Tgt Ion: 56 Resp: 76094
Ion Ratio Lower Upper
56 100
55 69.6 58.5 87.7

Manual Integrations
APPROVED

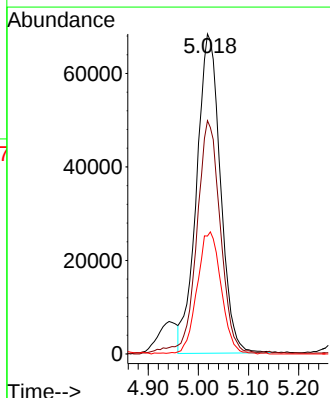
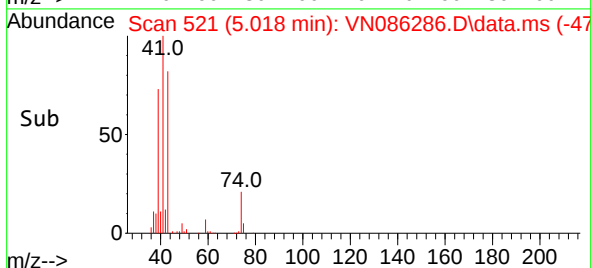
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

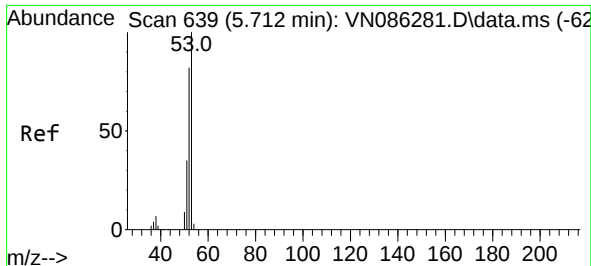


#14
Allyl chloride
Concen: 45.690 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



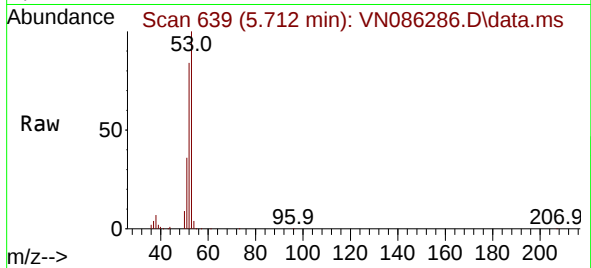
Tgt Ion: 41 Resp: 225300
Ion Ratio Lower Upper
41 100
39 73.1 59.2 88.8
76 38.6 31.2 46.8





#15
Acrylonitrile
Concen: 240.904 ug/l
RT: 5.712 min Scan# 613
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

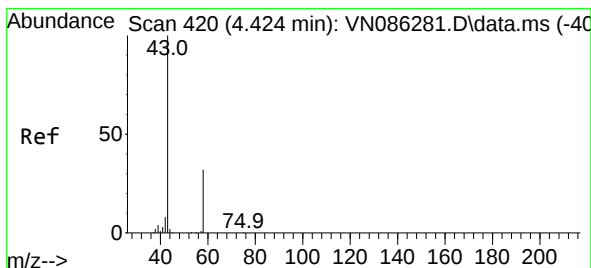
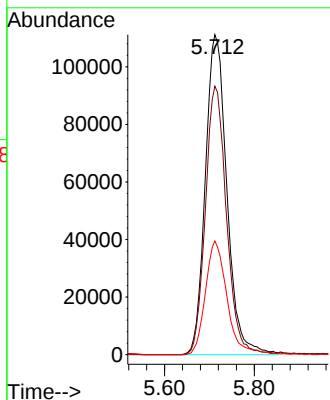
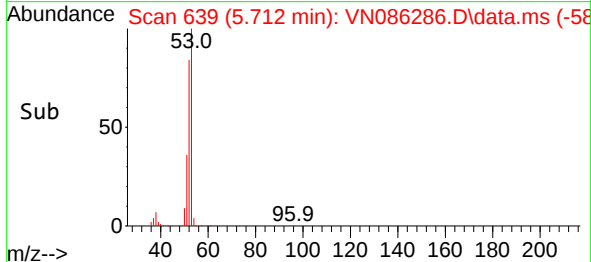
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 371338
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 35.6 28.6 42.8

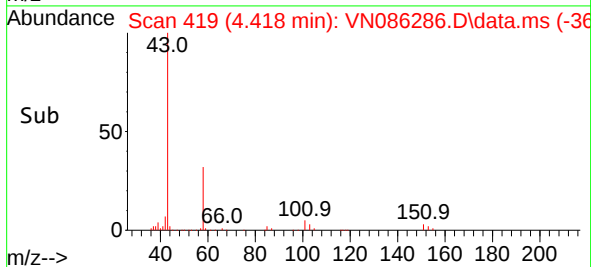
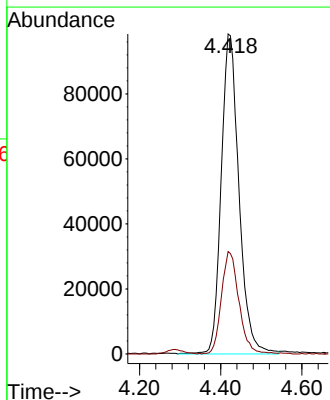
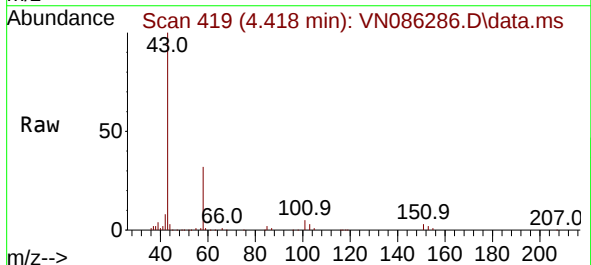
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 253.403 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

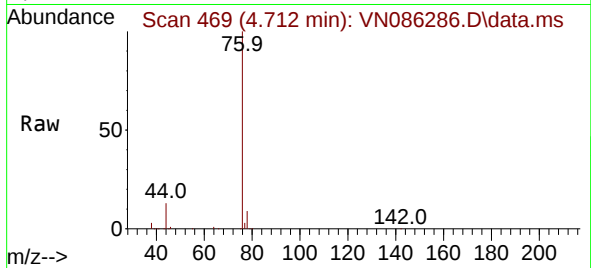
Tgt Ion: 43 Resp: 299320
Ion Ratio Lower Upper
43 100
58 31.8 25.3 37.9





#17
Carbon Disulfide
Concen: 43.931 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

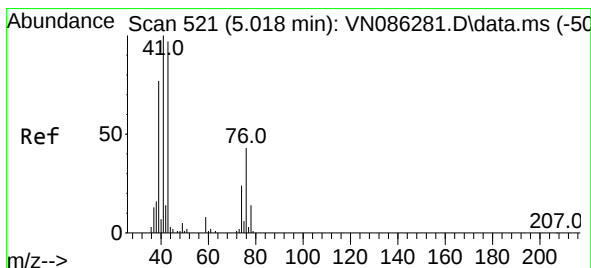
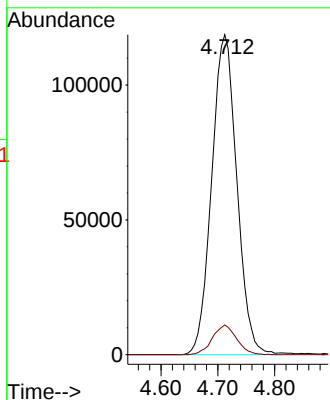
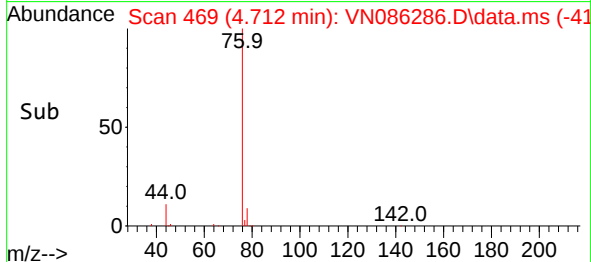
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 36487
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

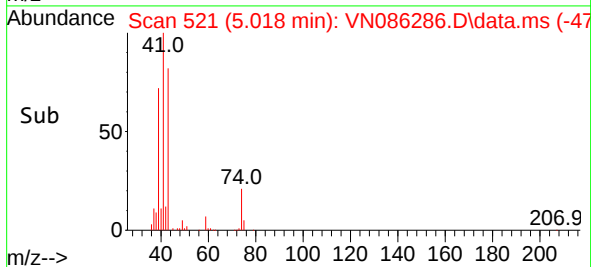
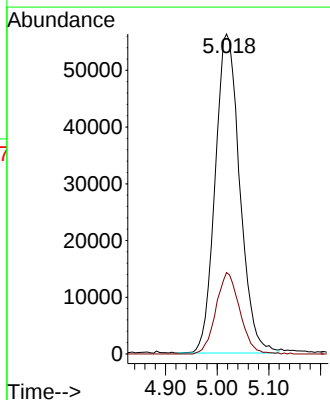
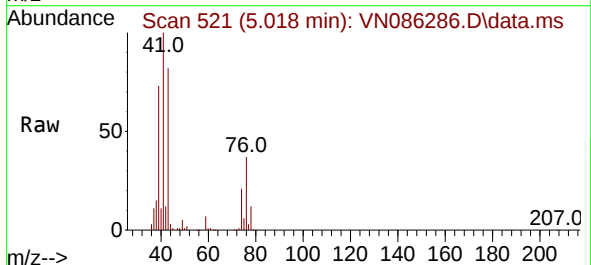
Manual Integrations
APPROVED

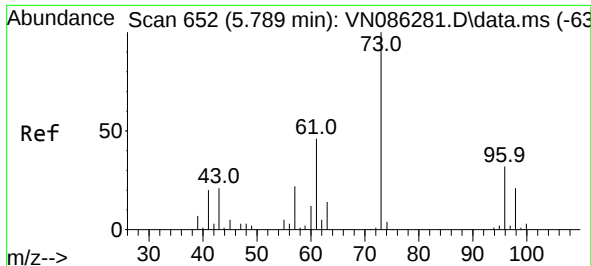
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#18
Methyl Acetate
Concen: 45.427 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Tgt Ion: 43 Resp: 186352
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





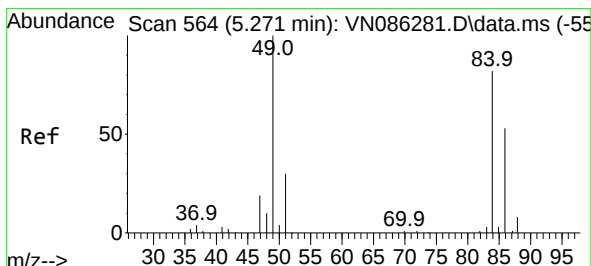
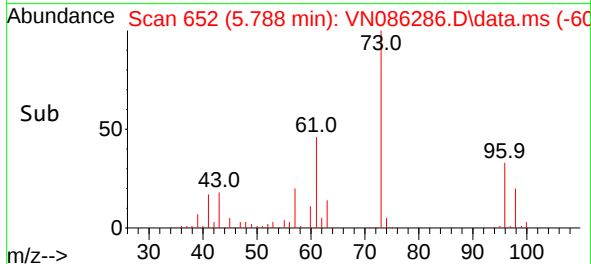
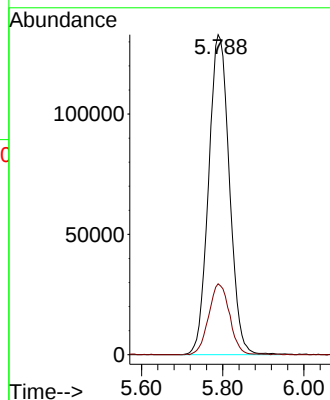
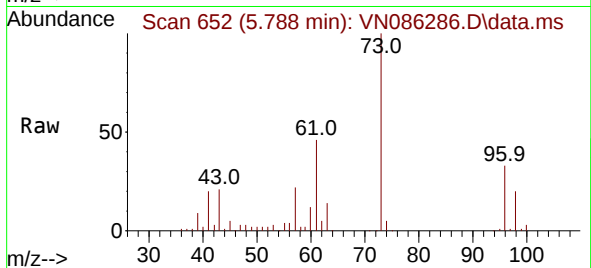
#19
Methyl tert-butyl Ether
Concen: 46.306 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 47215
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4

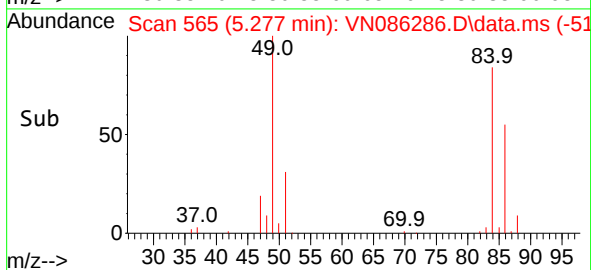
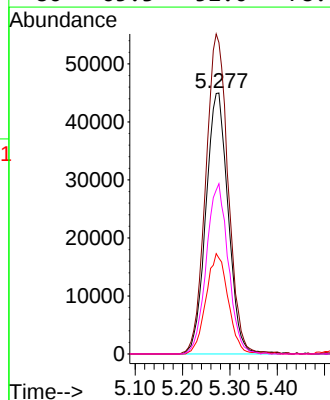
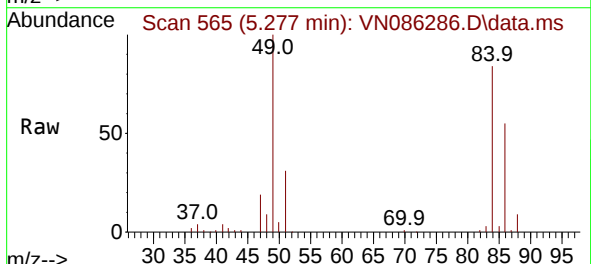
Manual Integrations
APPROVED

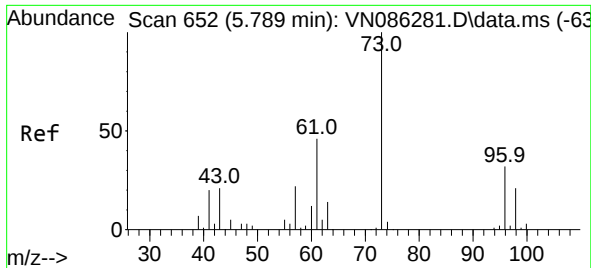
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 46.630 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

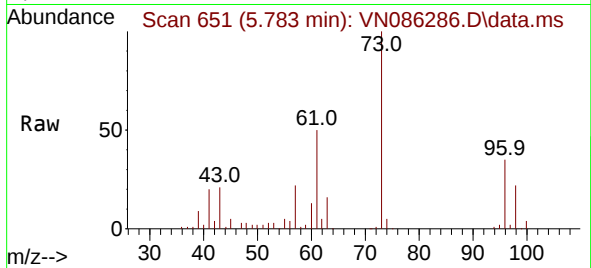
Tgt Ion: 84 Resp: 147320
Ion Ratio Lower Upper
84 100
49 119.3 98.2 147.2
51 36.8 29.8 44.6
86 65.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 46.882 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

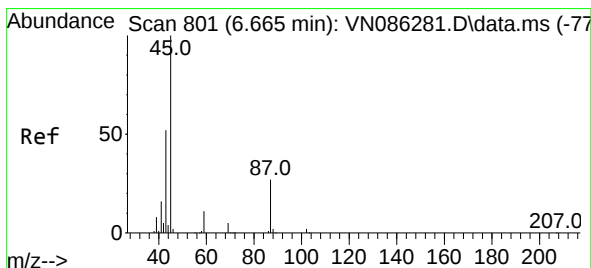
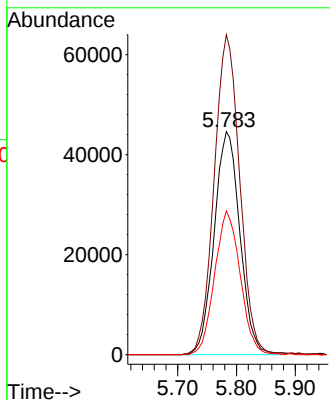
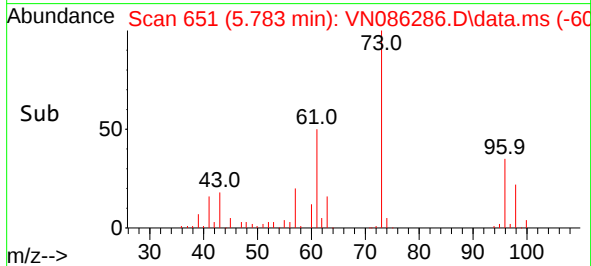
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 13595
Ion Ratio Lower Upper
96 100
61 143.5 114.6 171.8
98 64.5 51.2 76.8

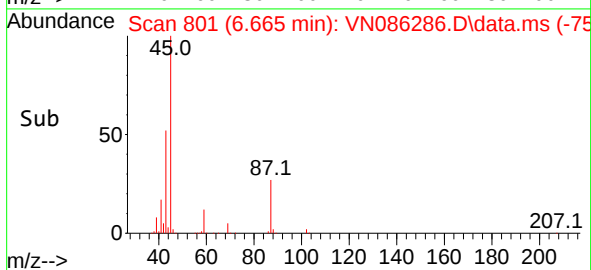
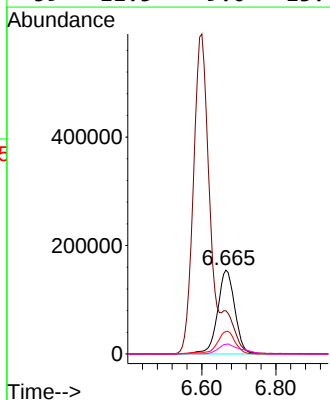
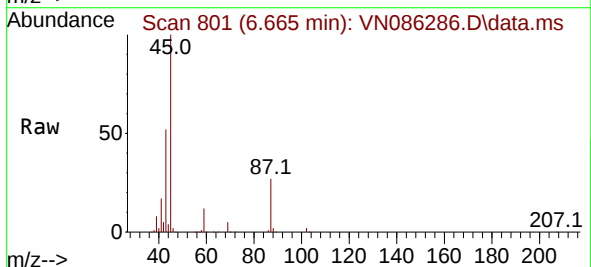
Manual Integrations
APPROVED

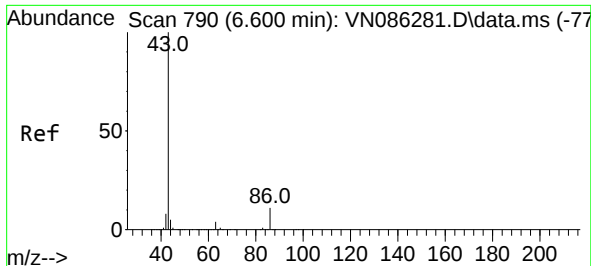
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#22
Diisopropyl ether
Concen: 46.443 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

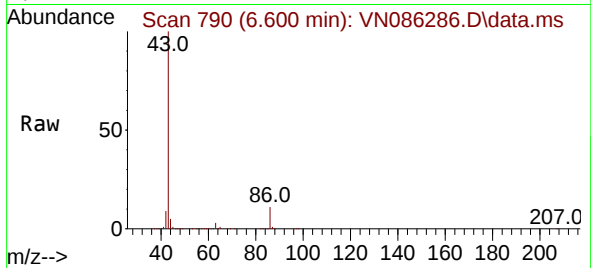
Tgt Ion: 45 Resp: 498190
Ion Ratio Lower Upper
45 100
43 51.0 41.8 62.8
87 27.0 21.6 32.4
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 232.938 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086286.D
 Acq: 16 Apr 2025 09:14

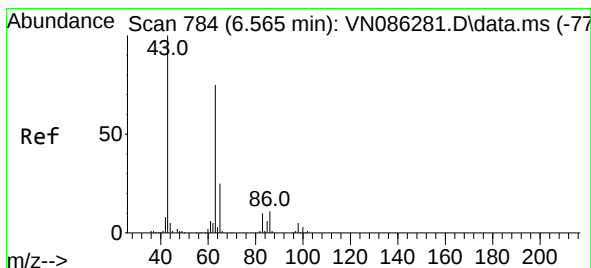
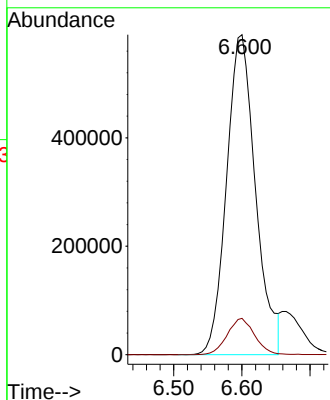
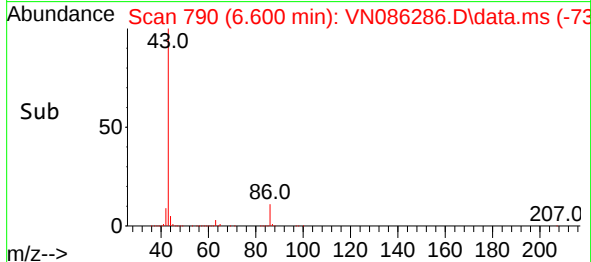
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



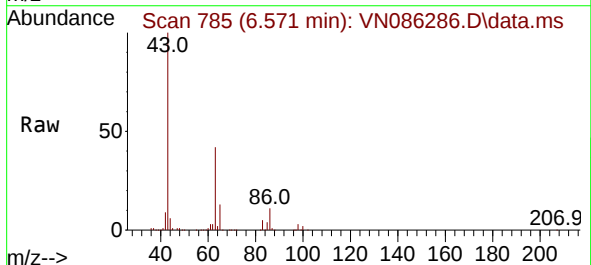
Tgt Ion: 43 Resp: 174671
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 13.0

Manual Integrations
 APPROVED

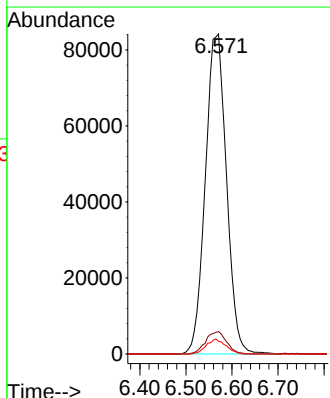
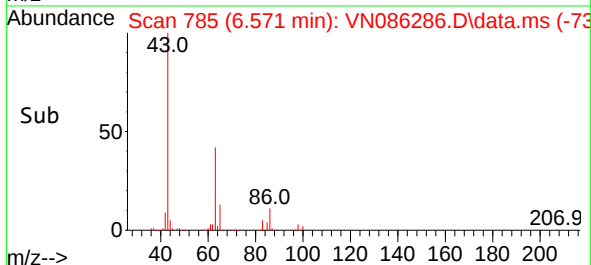
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#24
 1,1-Dichloroethane
 Concen: 47.500 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086286.D
 Acq: 16 Apr 2025 09:14



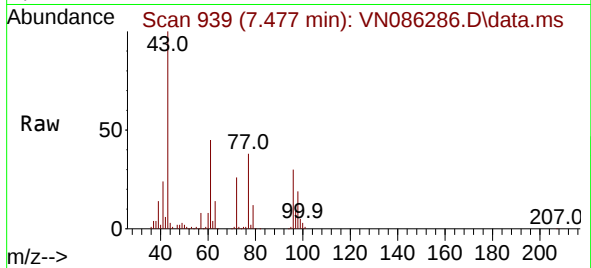
Tgt Ion: 63 Resp: 268843
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.2
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 236.612 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

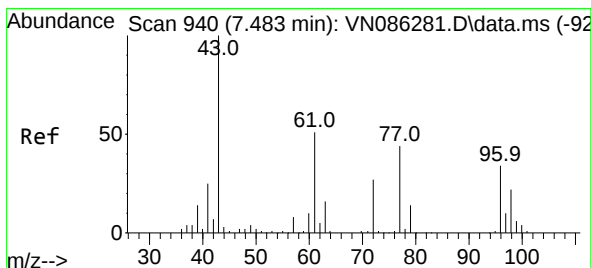
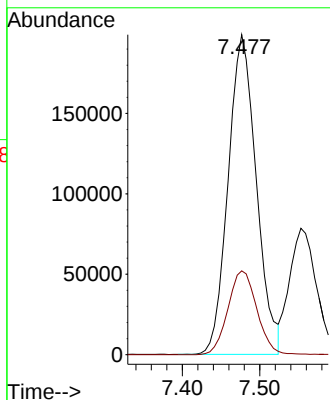
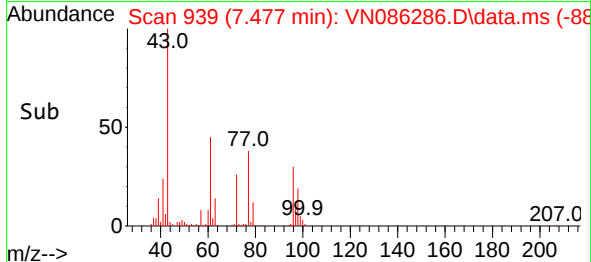
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



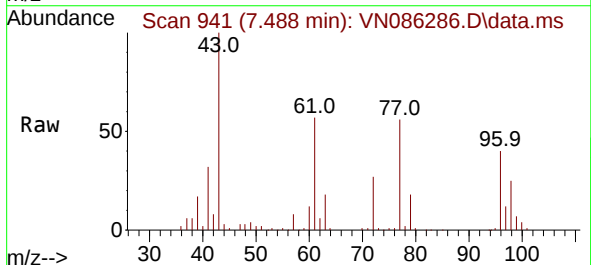
Tgt Ion: 43 Resp: 50332
Ion Ratio Lower Upper
43 100
72 26.2 21.7 32.5

Manual Integrations
APPROVED

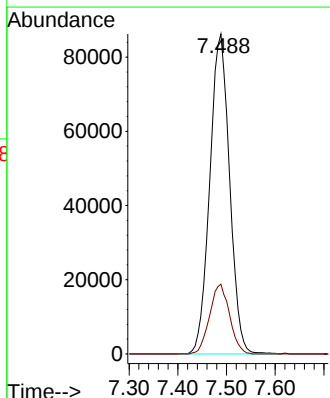
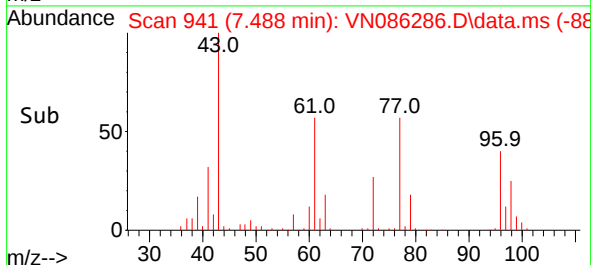
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

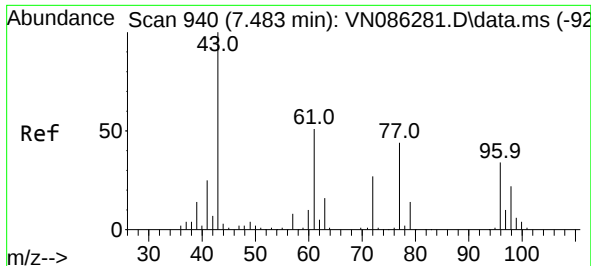


#26
2,2-Dichloropropane
Concen: 48.048 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



Tgt Ion: 77 Resp: 243488
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5





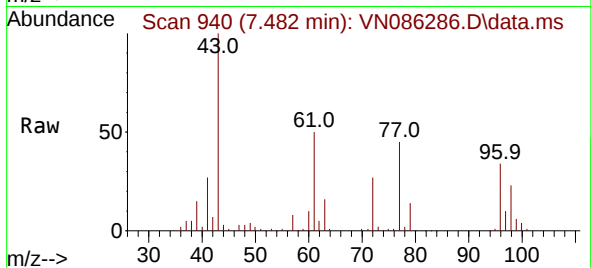
#27
 cis-1,2-Dichloroethene
 Concen: 46.233 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086286.D
 Acq: 16 Apr 2025 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



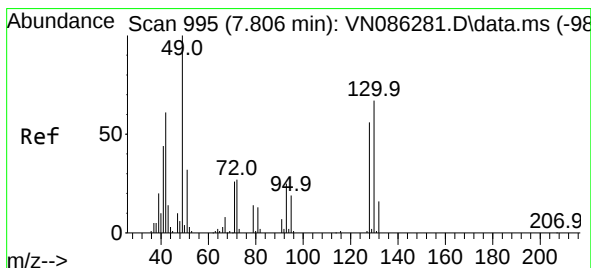
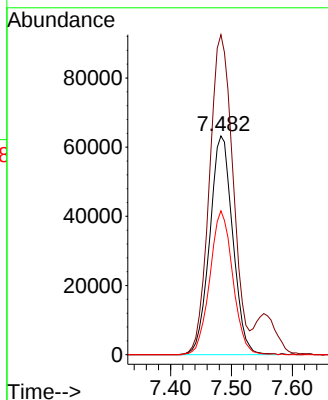
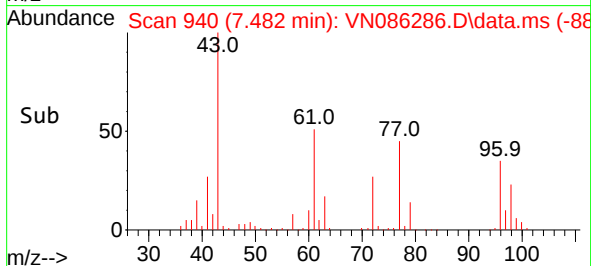
Tgt Ion: 96 Resp: 166409
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 299.0
 98 65.4 0.0 129.6

Manual Integrations

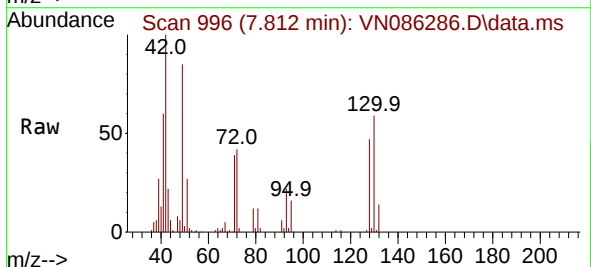
APPROVED

Reviewed By :John Carlone 04/17/2025

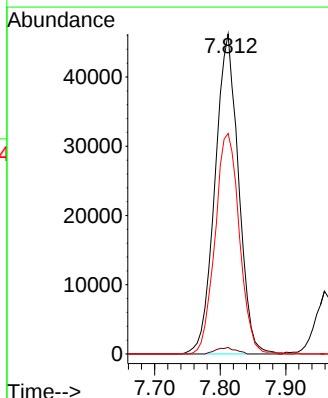
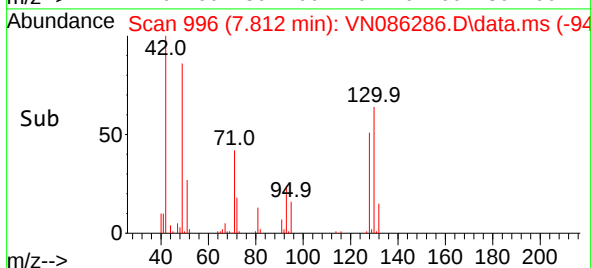
Supervised By :Mahesh Dadoda 04/17/2025



#28
 Bromochloromethane
 Concen: 47.831 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086286.D
 Acq: 16 Apr 2025 09:14



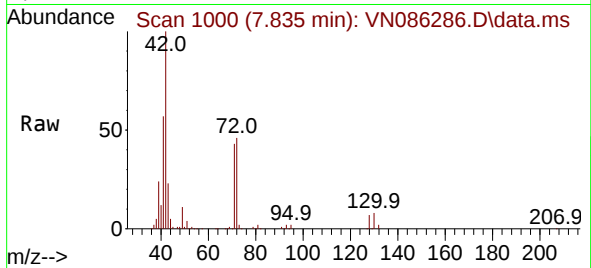
Tgt Ion: 49 Resp: 114783
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 71.2 57.1 85.7





#29
Tetrahydrofuran
Concen: 232.094 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

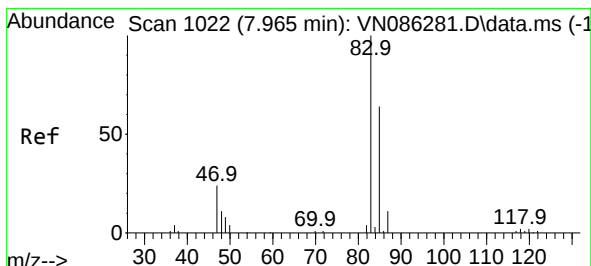
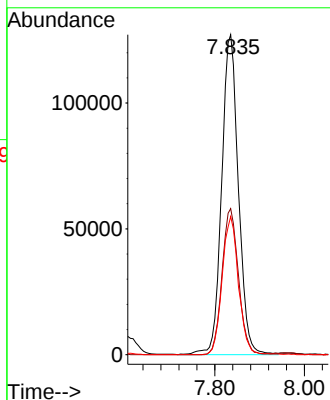
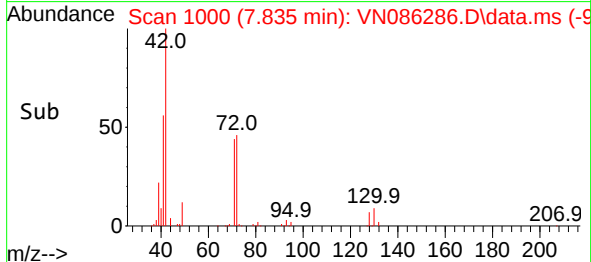
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



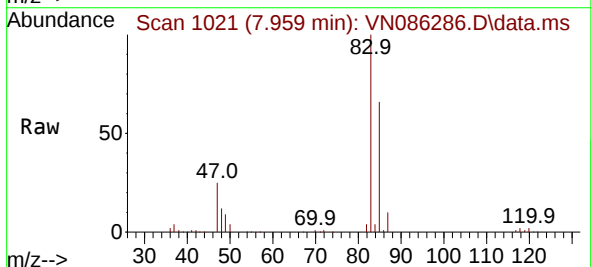
Tgt Ion: 42 Resp: 33014
Ion Ratio Lower Upper
42 100
72 44.8 36.2 54.4
71 42.0 34.0 51.0

Manual Integrations
APPROVED

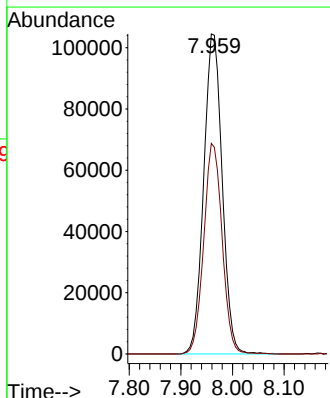
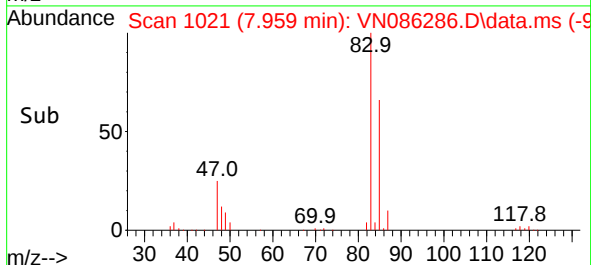
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

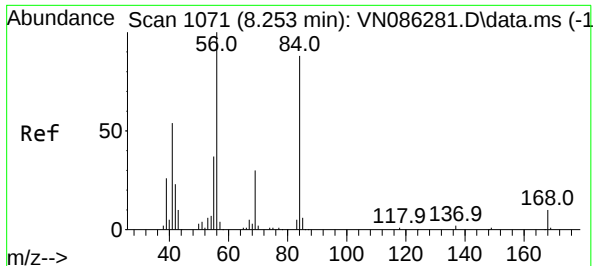


#30
Chloroform
Concen: 46.656 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



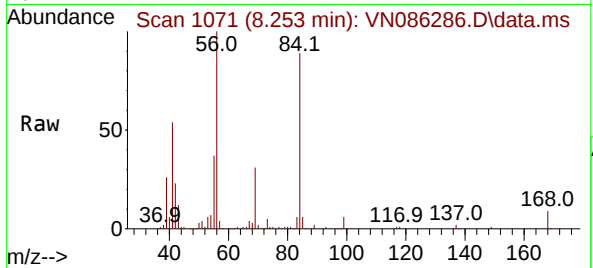
Tgt Ion: 83 Resp: 259399
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3





#31
Cyclohexane
Concen: 45.437 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

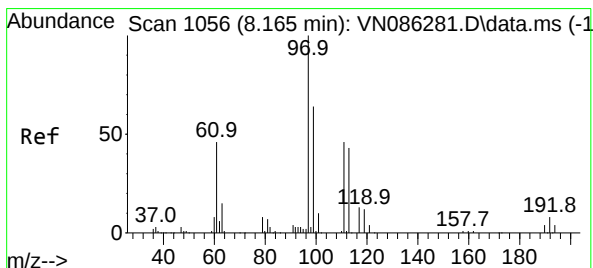
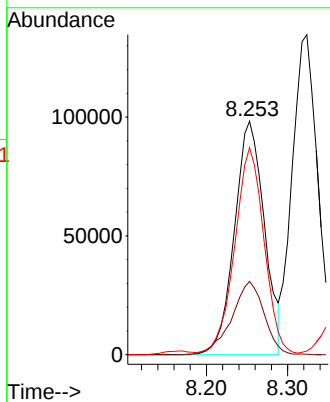
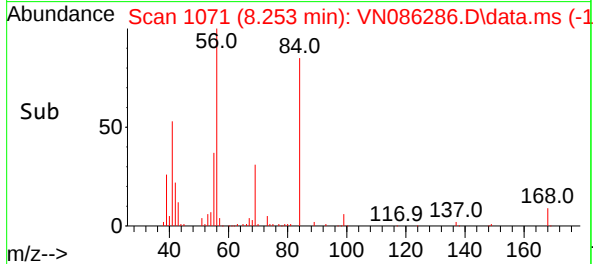
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



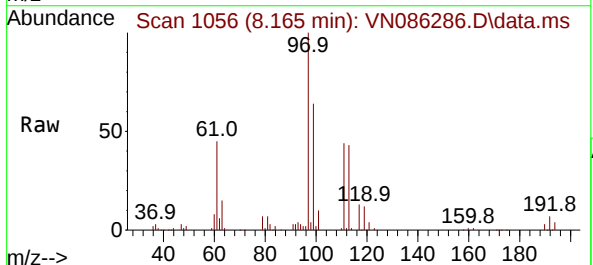
Tgt Ion: 56 Resp: 25164
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.2
84 87.1 70.3 105.5

Manual Integrations
APPROVED

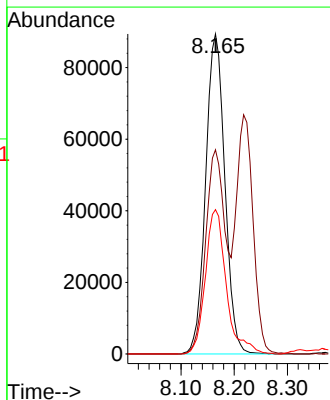
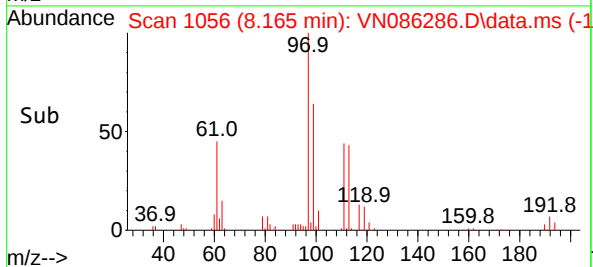
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#32
1,1,1-Trichloroethane
Concen: 46.967 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



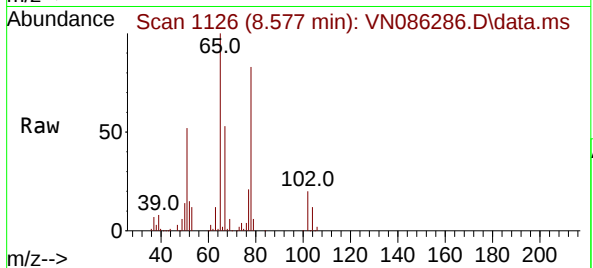
Tgt Ion: 97 Resp: 223386
Ion Ratio Lower Upper
97 100
99 66.6 52.7 79.1
61 49.3 39.5 59.3





#33
1,2-Dichloroethane-d4
Concen: 48.071 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

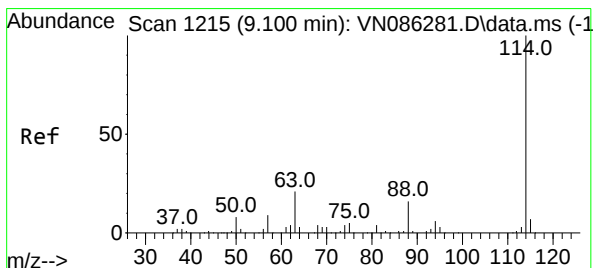
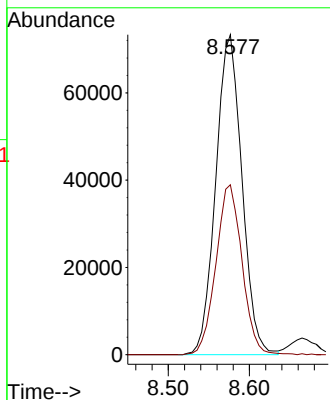
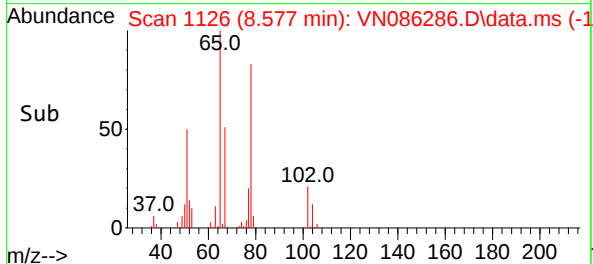
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



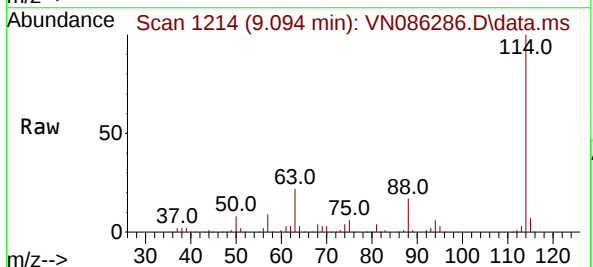
Tgt Ion: 65 Resp: 16428
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.0

Manual Integrations
APPROVED

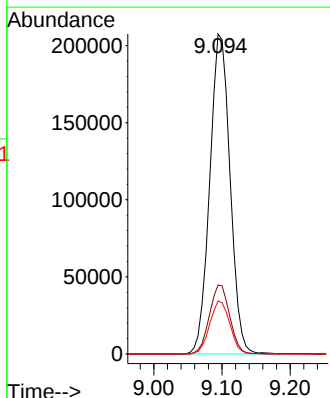
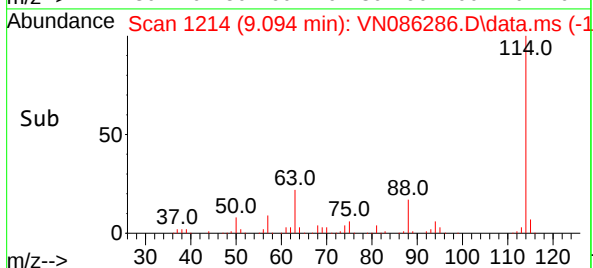
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

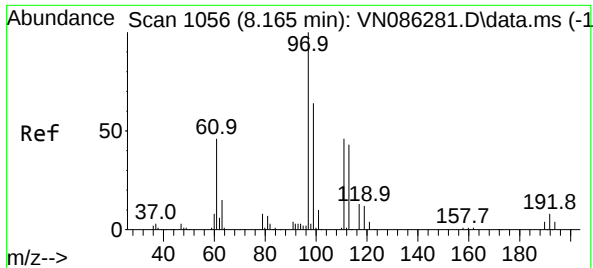


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



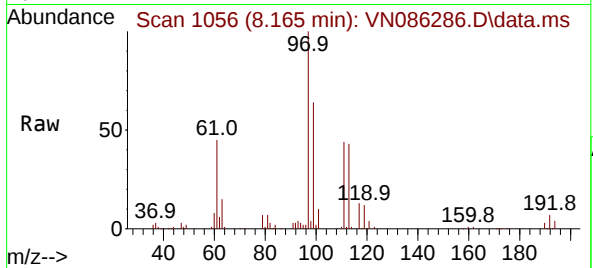
Tgt Ion:114 Resp: 430893
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.6
88 16.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.205 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

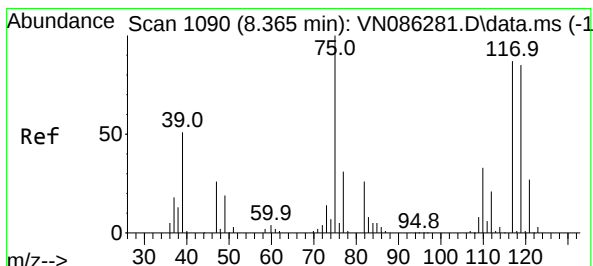
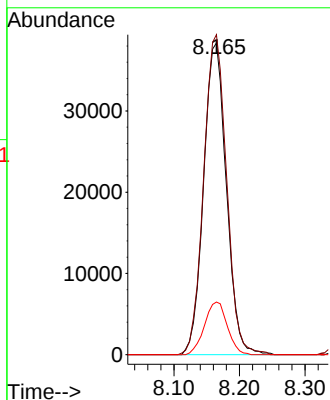
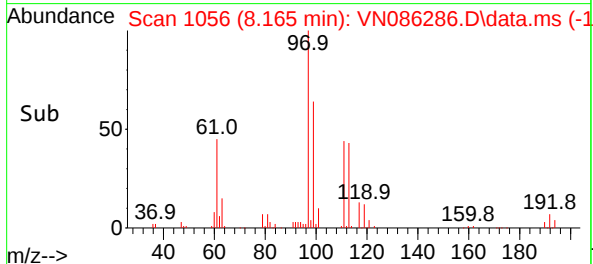
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



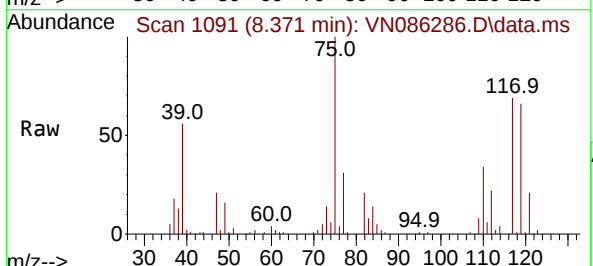
Tgt Ion: 113 Resp: 92402
Ion Ratio Lower Upper
113 100
111 103.7 83.4 125.0
192 16.9 13.7 20.5

Manual Integrations
APPROVED

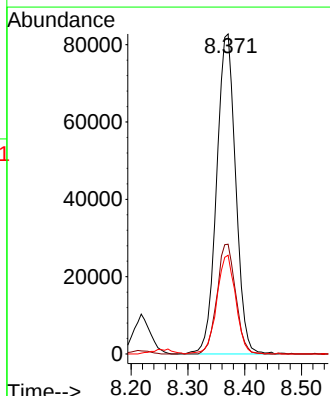
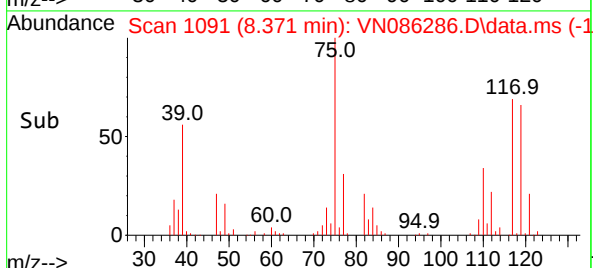
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

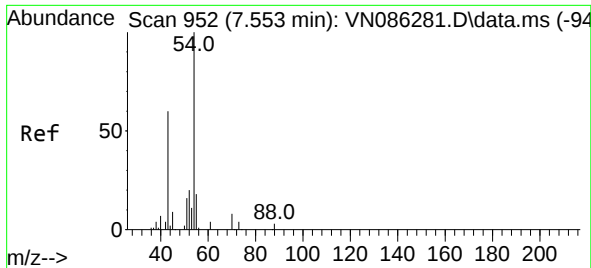


#36
1,1-Dichloropropene
Concen: 48.390 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



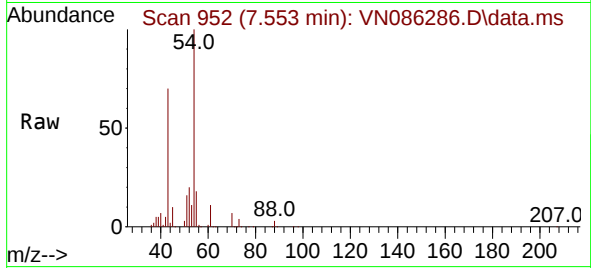
Tgt Ion: 75 Resp: 193287
Ion Ratio Lower Upper
75 100
110 33.7 16.8 50.4
77 30.8 24.9 37.3





#37
Ethyl Acetate
Concen: 46.122 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

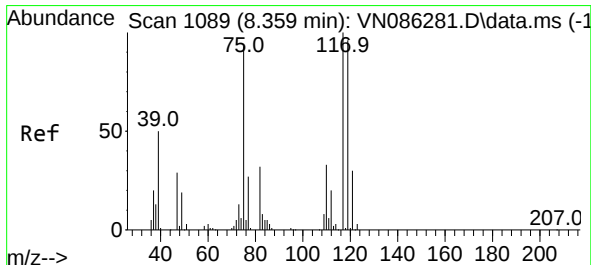
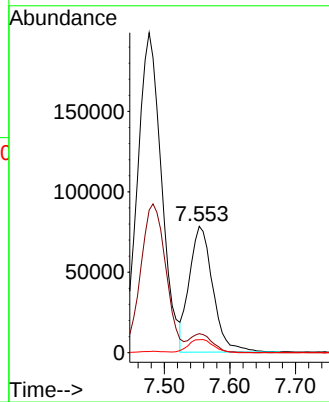
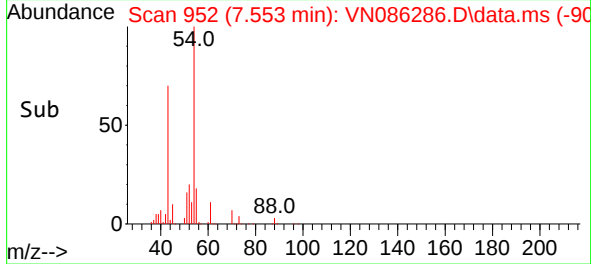
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 19395
Ion Ratio Lower Upper
43 100
61 15.0 11.1 16.7
70 11.2 9.2 13.8

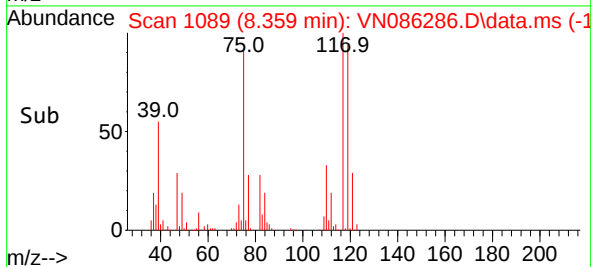
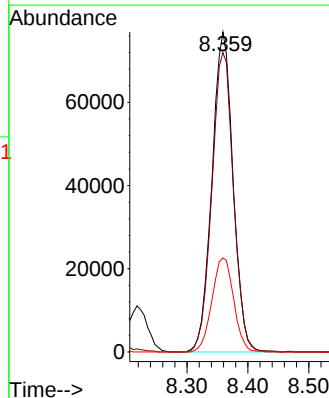
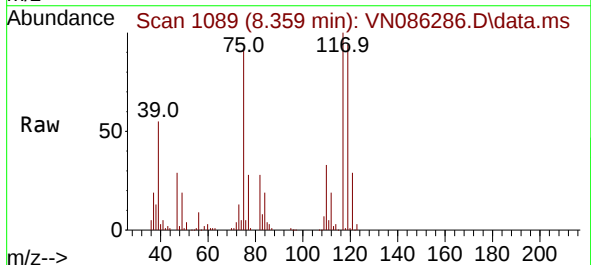
Manual Integrations
APPROVED

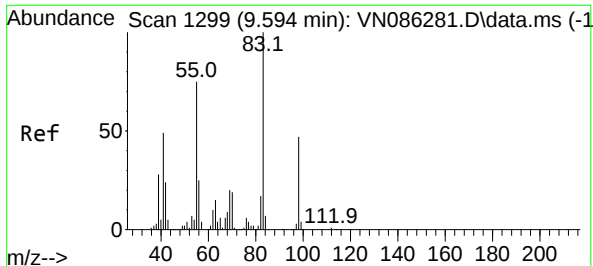
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#38
Carbon Tetrachloride
Concen: 48.682 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Tgt Ion:117 Resp: 185182
Ion Ratio Lower Upper
117 100
119 93.5 76.8 115.2
121 29.3 23.8 35.8





#39

Methylcyclohexane

Concen: 48.614 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086286.D

Acq: 16 Apr 2025 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

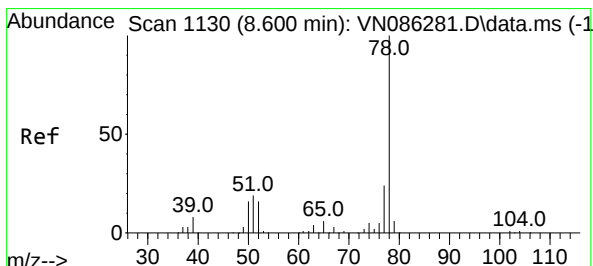
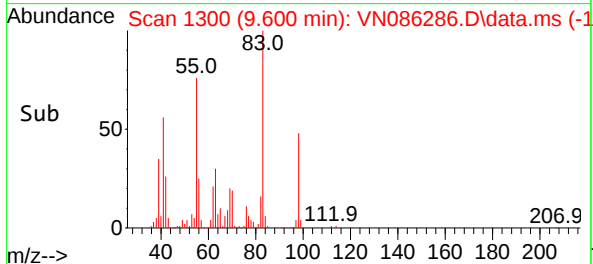
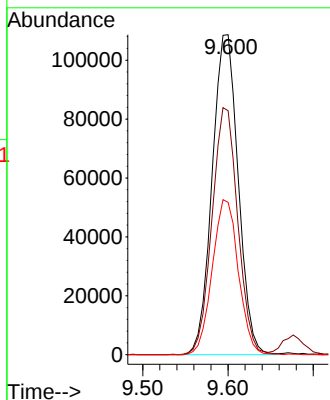
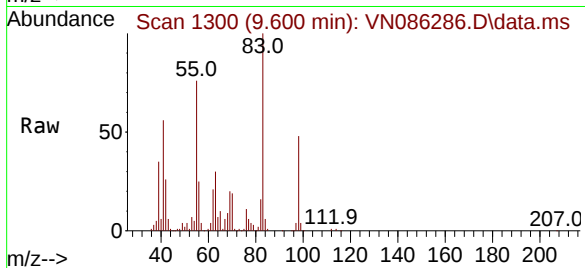
Tgt Ion: 83 Resp: 230804
 Ion Ratio Lower Upper
 83 100
 55 76.3 59.8 89.8
 98 47.6 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 47.920 ug/l

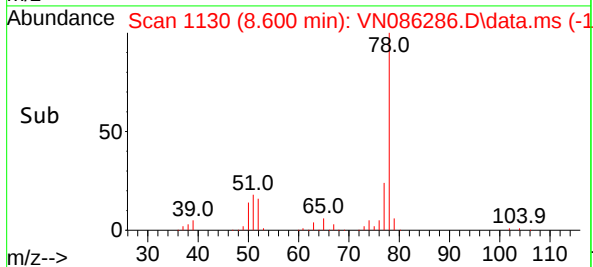
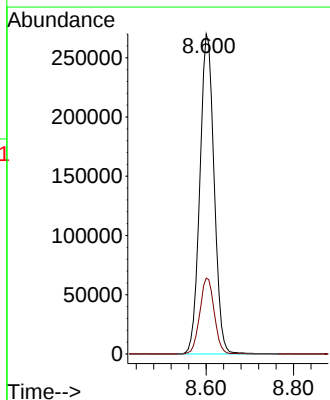
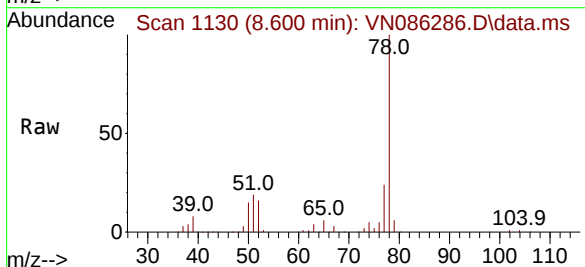
RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086286.D

Acq: 16 Apr 2025 09:14

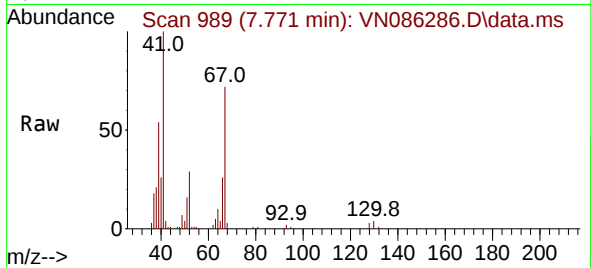
Tgt Ion: 78 Resp: 613264
 Ion Ratio Lower Upper
 78 100
 77 23.7 19.4 29.2





#41
Methacrylonitrile
Concen: 46.794 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

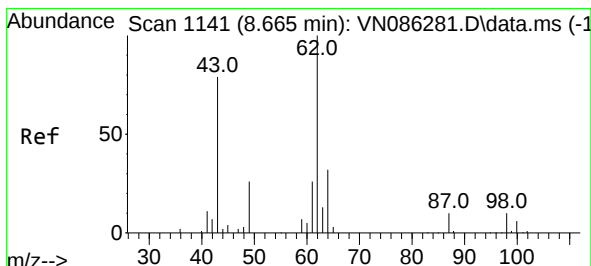
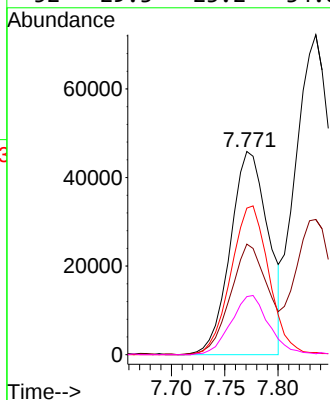
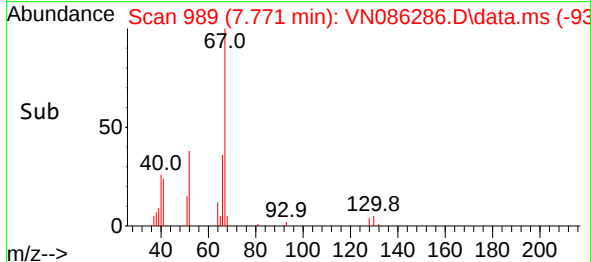
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	11404
Ion Ratio	100	Lower	Upper
39	53.5	43.0	64.4
67	73.4	58.8	88.2
52	29.3	23.2	34.8

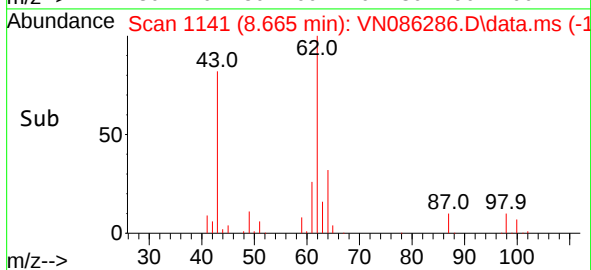
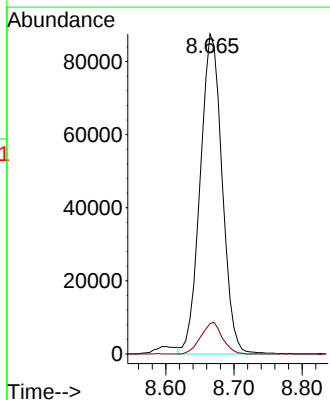
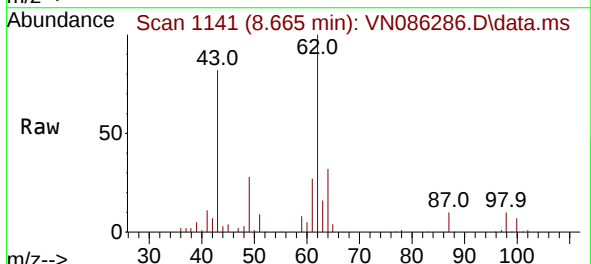
Manual Integrations
APPROVED

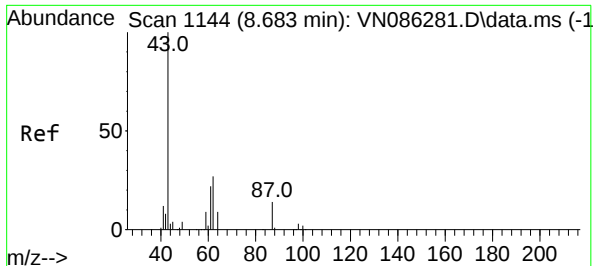
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 47.977 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

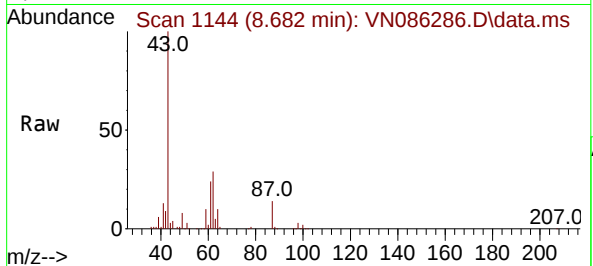
Tgt Ion:	62	Resp:	195800
Ion Ratio	100	Lower	Upper
98	9.6	0.0	19.2





#43
Isopropyl Acetate
Concen: 47.992 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

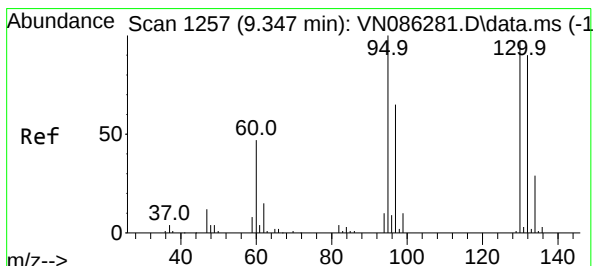
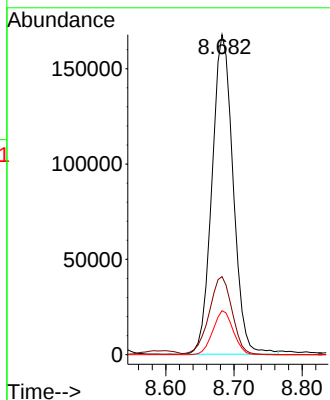
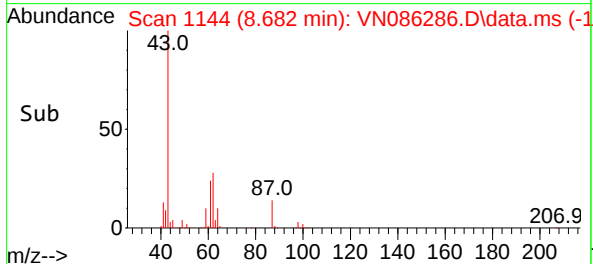
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 362008
Ion Ratio Lower Upper
43 100
61 26.7 20.5 30.7
87 13.2 10.5 15.7

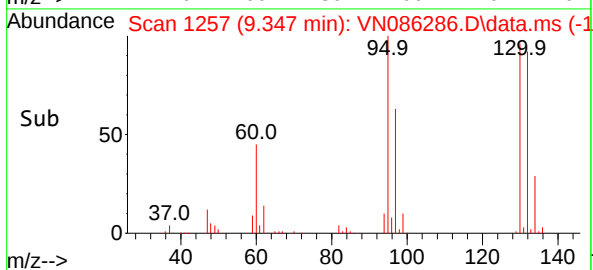
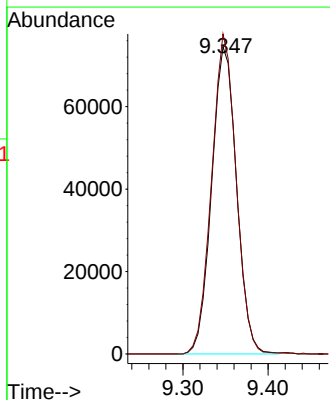
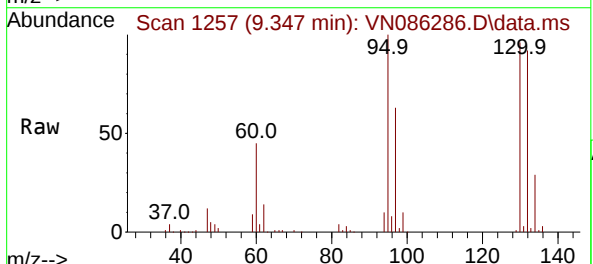
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#44
Trichloroethene
Concen: 49.927 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Tgt Ion:130 Resp: 151444
Ion Ratio Lower Upper
130 100
95 104.1 0.0 207.2





#45

1,2-Dichloropropane

Concen: 48.096 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086286.D

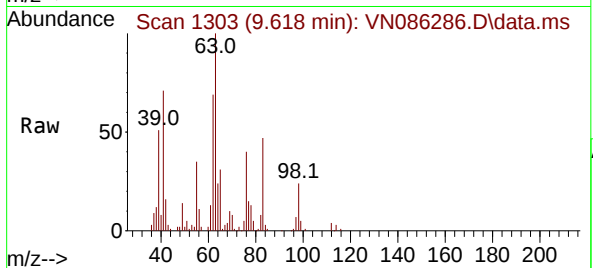
Acq: 16 Apr 2025 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 63 Resp: 15066

Ion Ratio Lower Upper

63 100

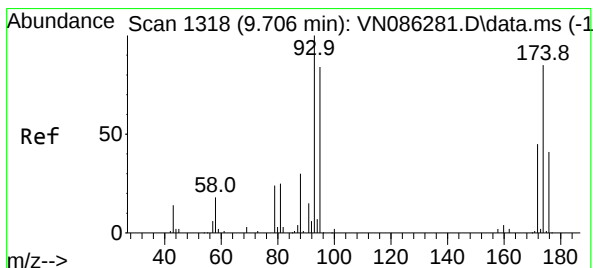
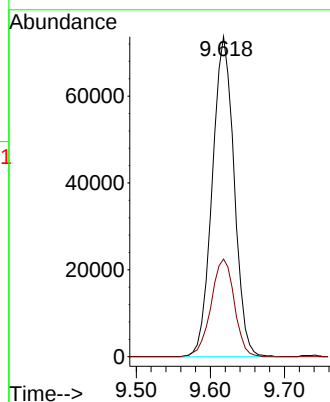
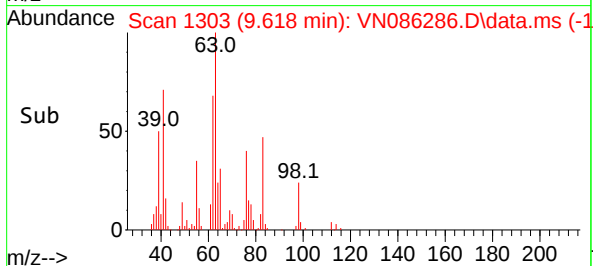
65 30.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 48.970 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086286.D

Acq: 16 Apr 2025 09:14

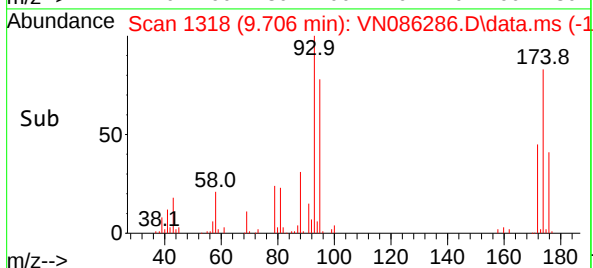
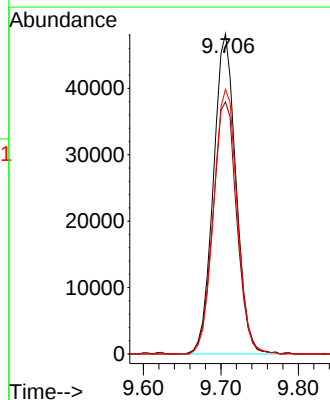
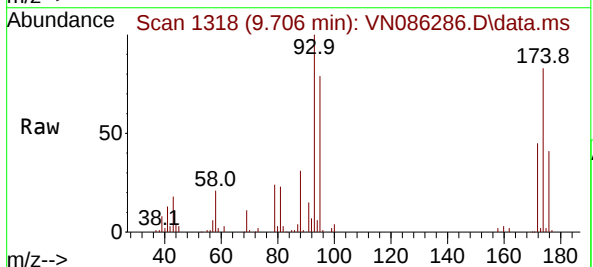
Tgt Ion: 93 Resp: 97743

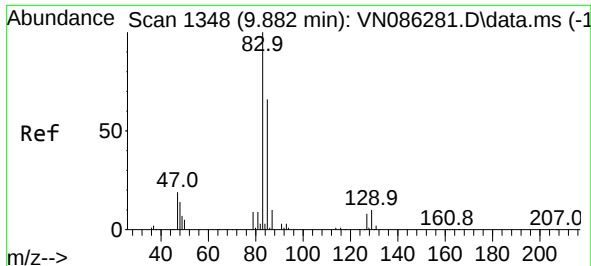
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

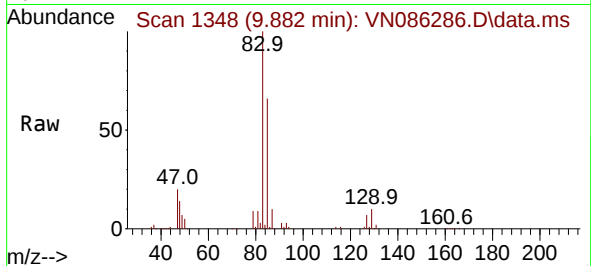
174 86.1 67.8 101.6





#47
Bromodichloromethane
Concen: 48.571 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

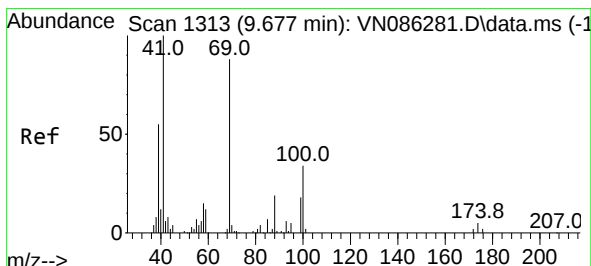
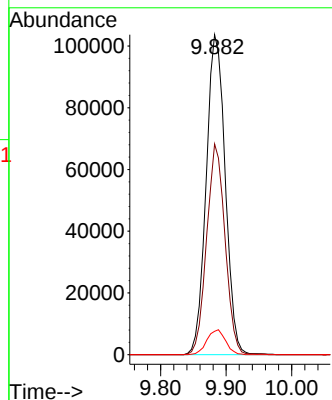
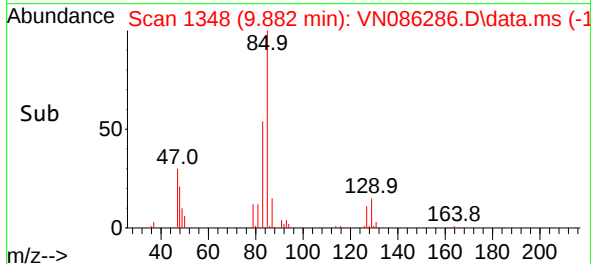
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



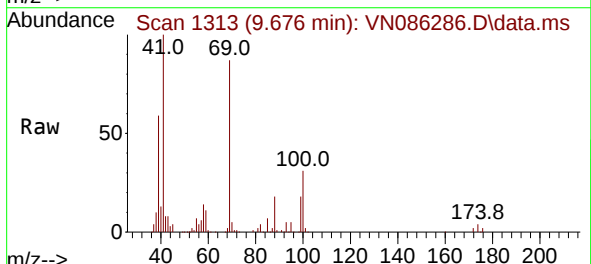
Tgt Ion: 83 Resp: 209384
Ion Ratio Lower Upper
83 100
85 65.9 52.6 78.8
127 7.3 6.1 9.1

Manual Integrations
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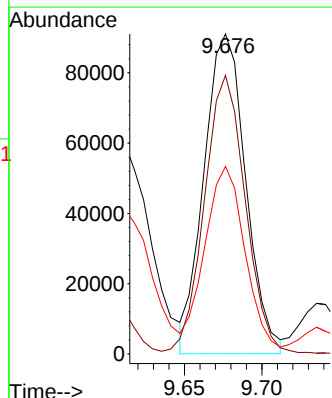
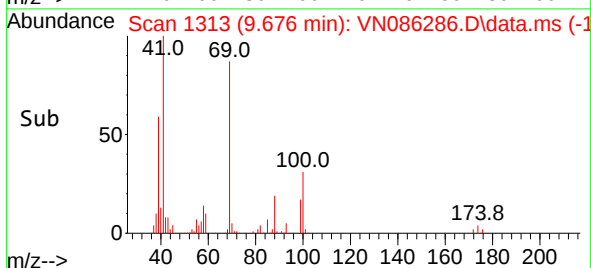
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

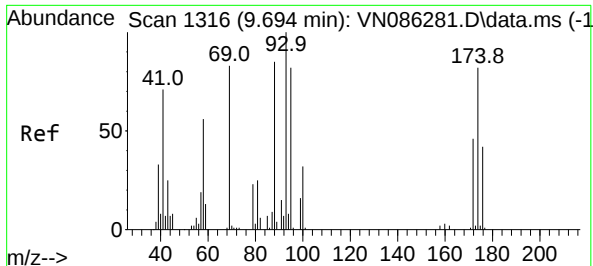


#48
Methyl methacrylate
Concen: 46.070 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



Tgt Ion: 41 Resp: 170133
Ion Ratio Lower Upper
41 100
69 86.2 68.2 102.2
39 57.4 45.2 67.8





#49

1,4-Dioxane

Concen: 947.648 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086286.D

Acq: 16 Apr 2025 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

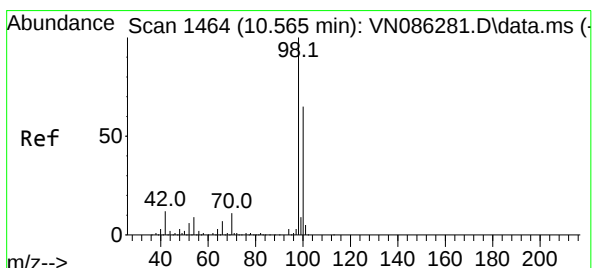
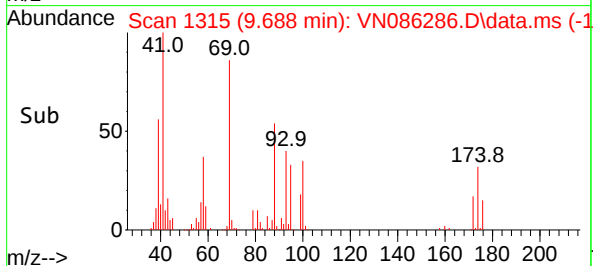
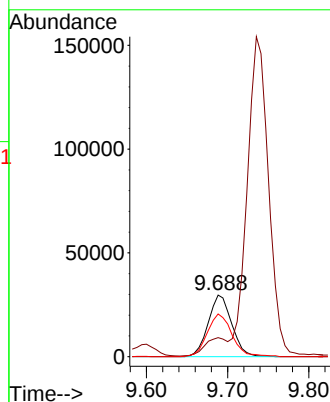
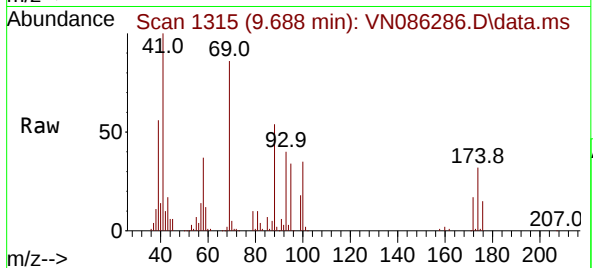
Tgt Ion: 88	Resp: 5952
Ion Ratio	Lower Upper
88	100
43	28.3 23.8 35.8
58	73.6 57.4 86.2

Manual Integrations

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Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#50

Toluene-d8

Concen: 49.161 ug/l

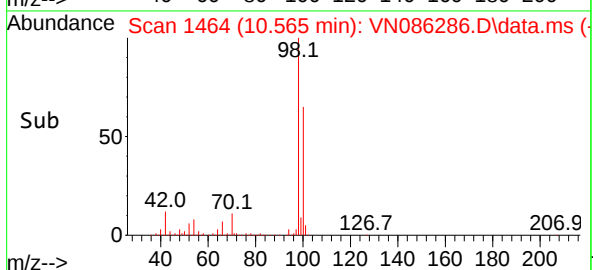
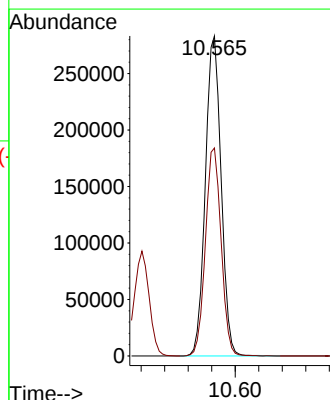
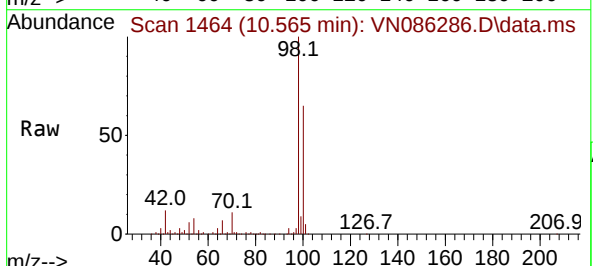
RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086286.D

Acq: 16 Apr 2025 09:14

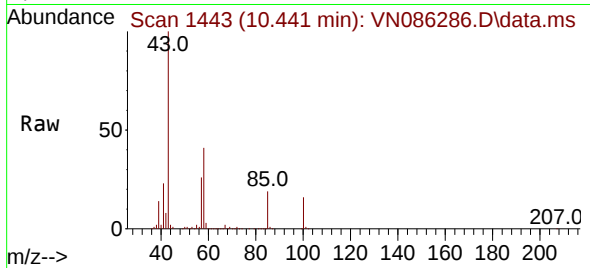
Tgt Ion: 98	Resp: 525438
Ion Ratio	Lower Upper
98	100
100	64.8 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 240.057 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

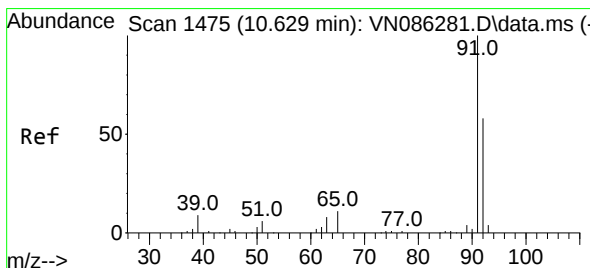
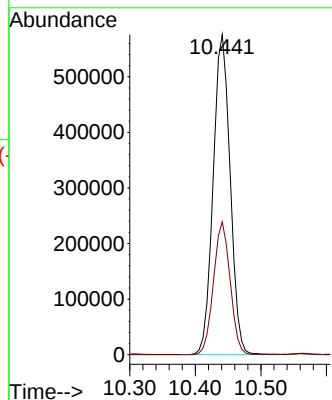
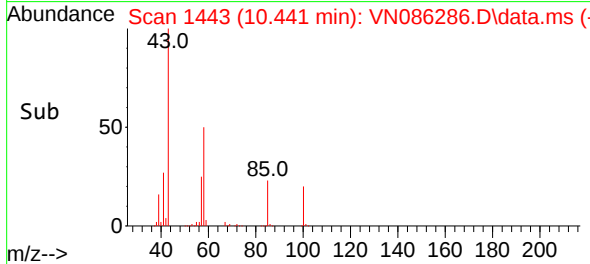
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1033728
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.4

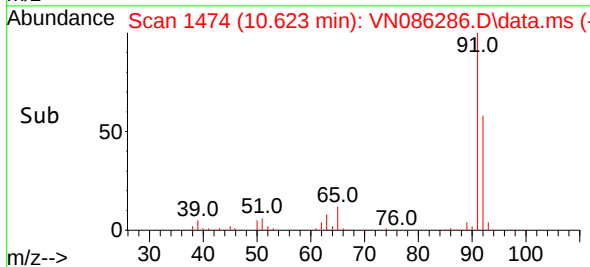
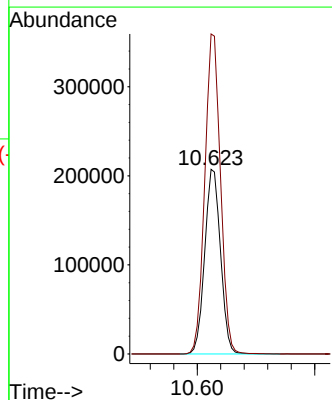
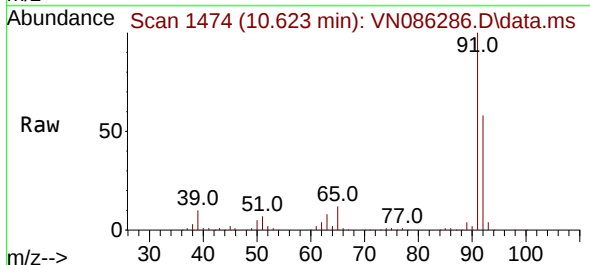
Manual Integrations
APPROVED

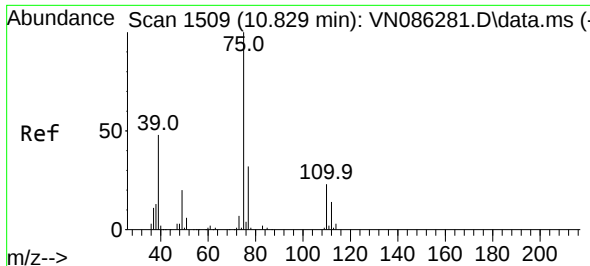
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Toluene
Concen: 48.280 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

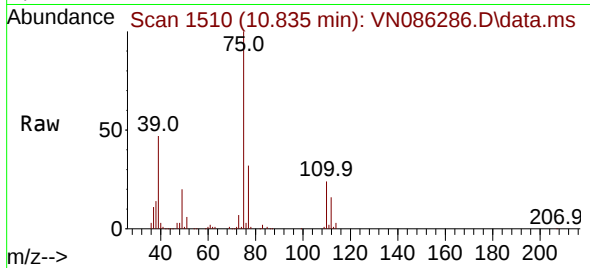
Tgt Ion: 92 Resp: 385532
Ion Ratio Lower Upper
92 100
91 172.4 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 49.563 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN086286.D
 Acq: 16 Apr 2025 09:14

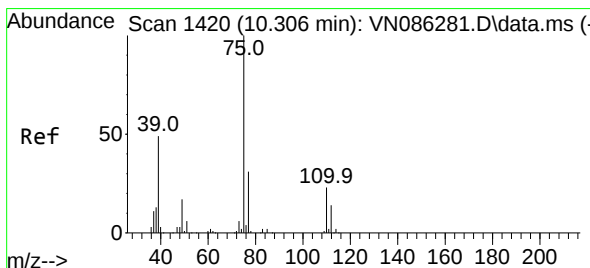
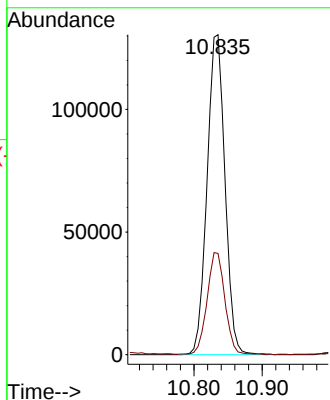
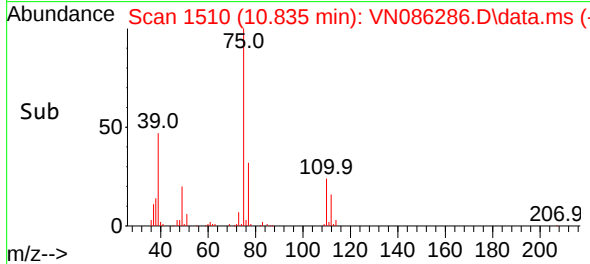
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 23850
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0

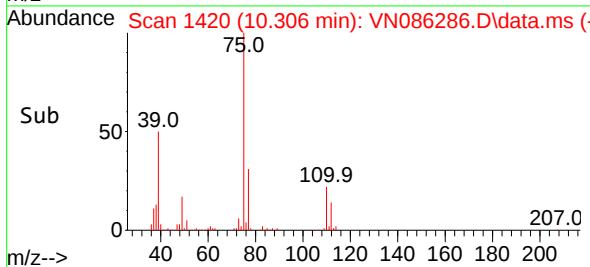
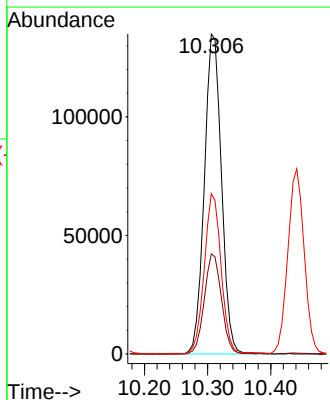
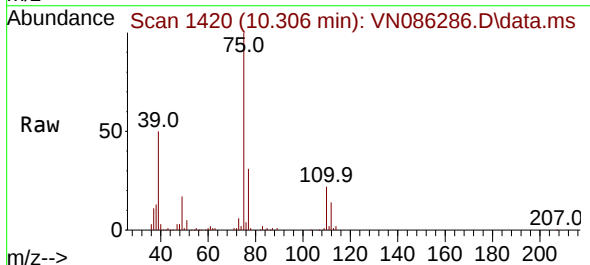
Manual Integrations
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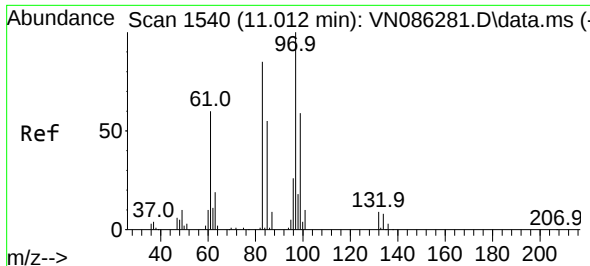
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#54
 cis-1,3-Dichloropropene
 Concen: 48.119 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN086286.D
 Acq: 16 Apr 2025 09:14

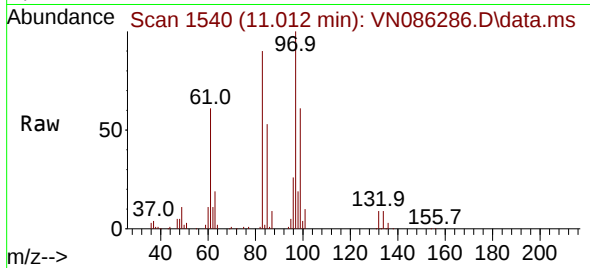
Tgt Ion: 75 Resp: 254333
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.2 37.8
 39 49.9 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 47.739 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

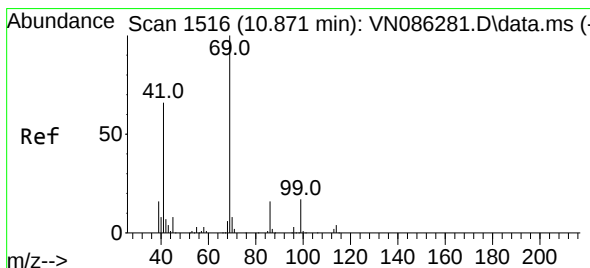
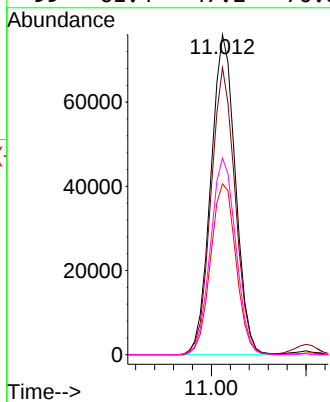
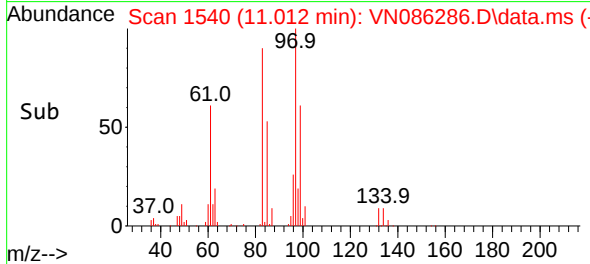
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



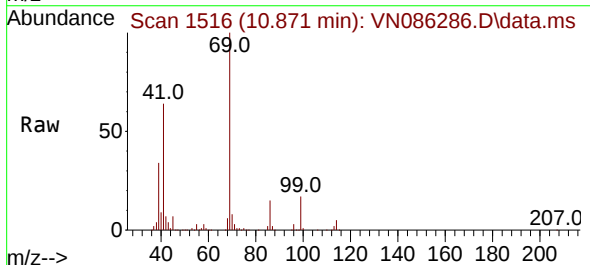
Tgt Ion: 97 Resp: 137150
Ion Ratio Lower Upper
97 100
83 89.8 68.4 102.6
85 53.4 43.9 65.9
99 61.4 47.2 70.8

Manual Integrations
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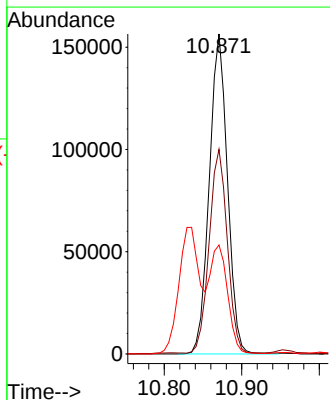
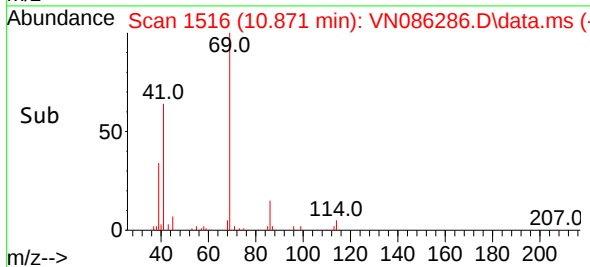
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

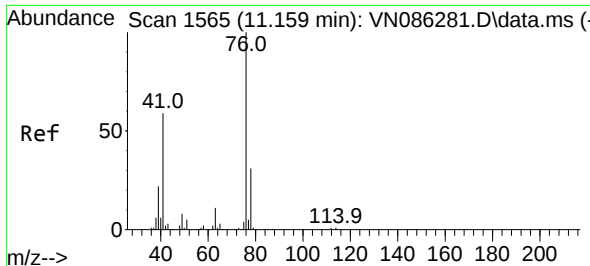


#56
Ethyl methacrylate
Concen: 48.193 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



Tgt Ion: 69 Resp: 254512
Ion Ratio Lower Upper
69 100
41 63.8 51.7 77.5
39 32.6 26.3 39.5





#57

1,3-Dichloropropane

Concen: 48.323 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086286.D

Acq: 16 Apr 2025 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 246324

Ion Ratio Lower Upper

76 100

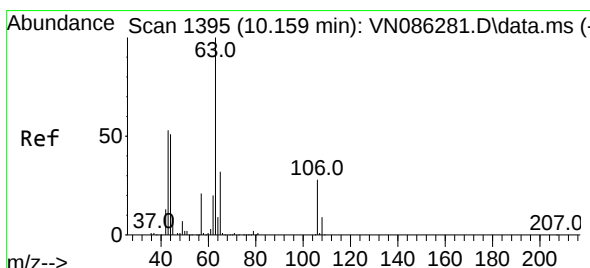
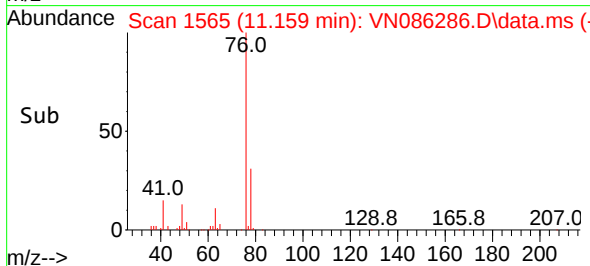
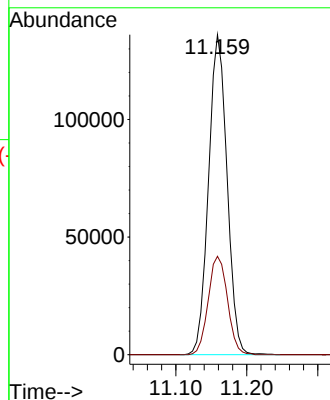
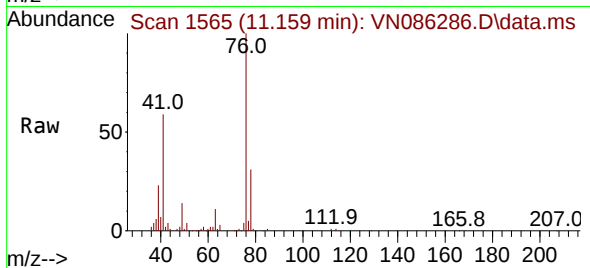
78 32.0 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 245.023 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086286.D

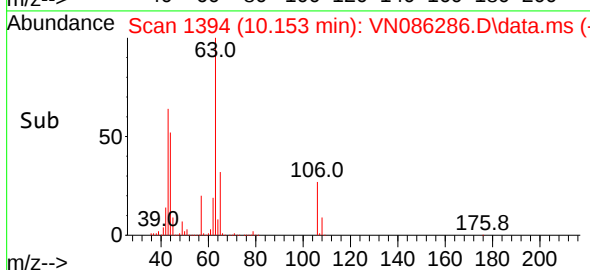
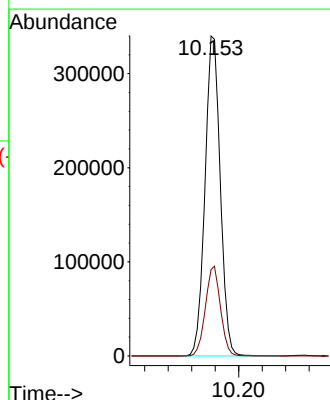
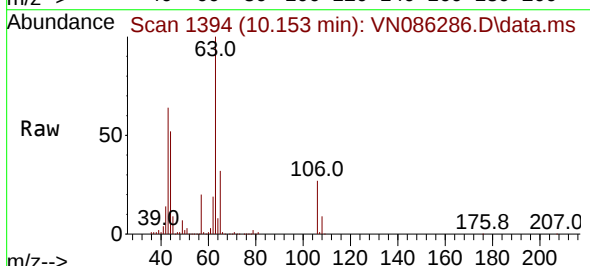
Acq: 16 Apr 2025 09:14

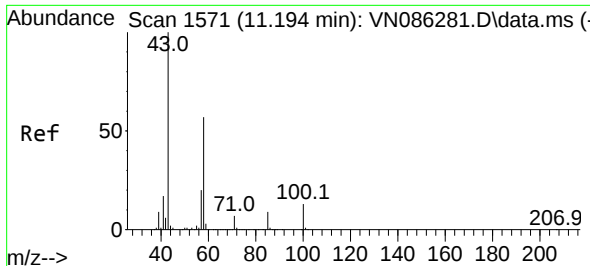
Tgt Ion: 63 Resp: 614176

Ion Ratio Lower Upper

63 100

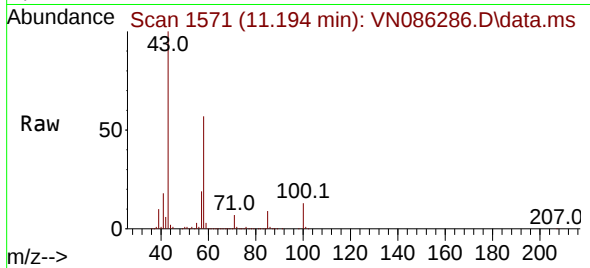
106 27.6 22.2 33.2





#59
2-Hexanone
Concen: 241.579 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

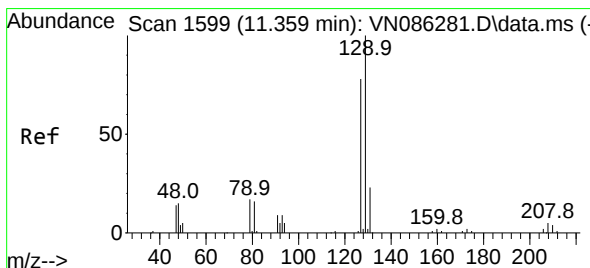
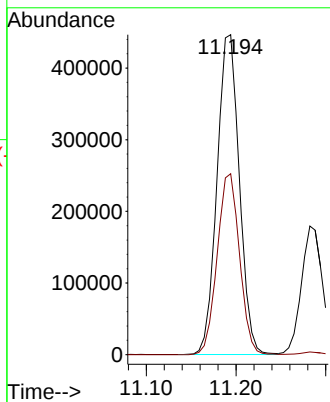
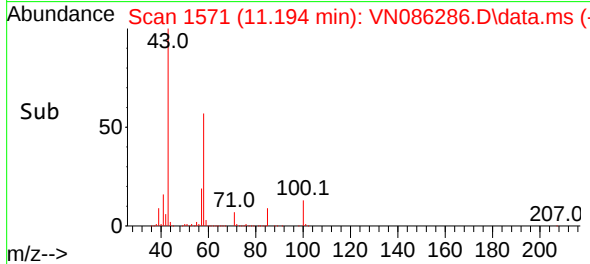
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 771609
Ion Ratio Lower Upper
43 100
58 56.6 28.3 85.0

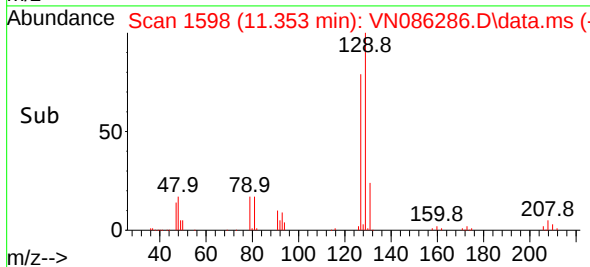
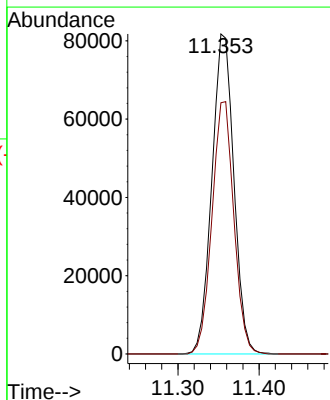
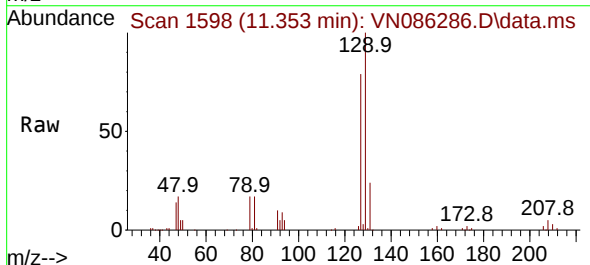
Manual Integrations
APPROVED

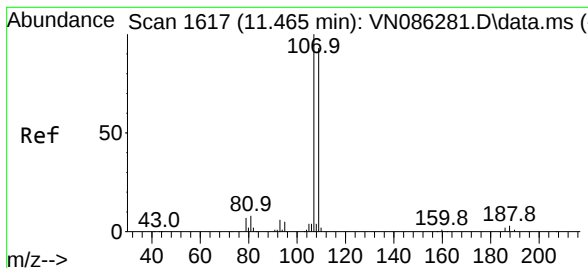
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
Dibromochloromethane
Concen: 48.808 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Tgt Ion:129 Resp: 153985
Ion Ratio Lower Upper
129 100
127 78.3 38.7 116.1





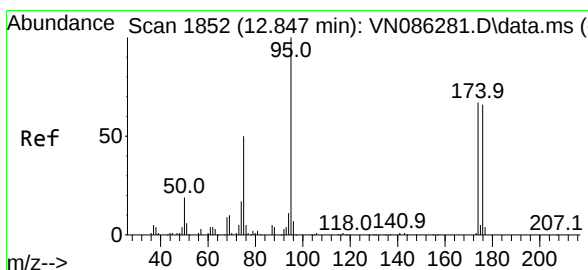
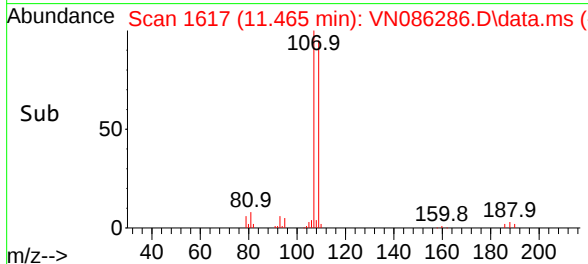
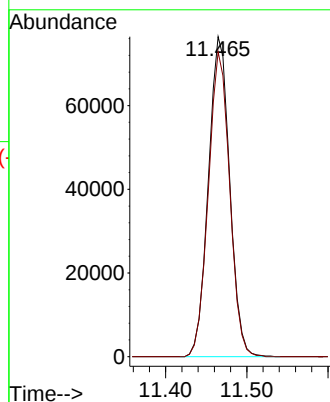
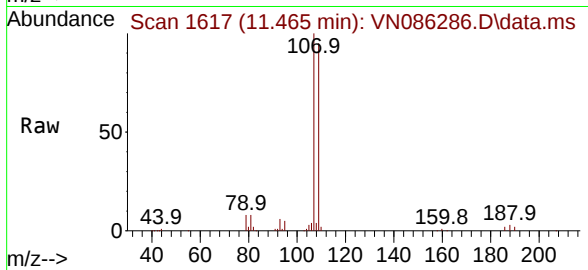
#61
1,2-Dibromoethane
Concen: 48.111 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 139478
Ion Ratio Lower Upper
107 100
109 95.1 75.4 113.0

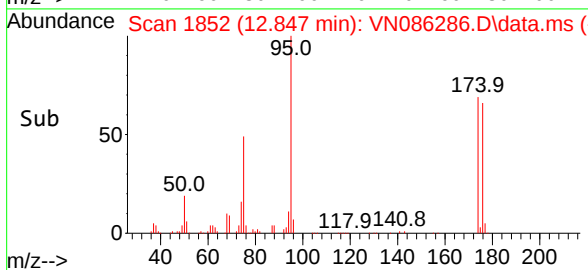
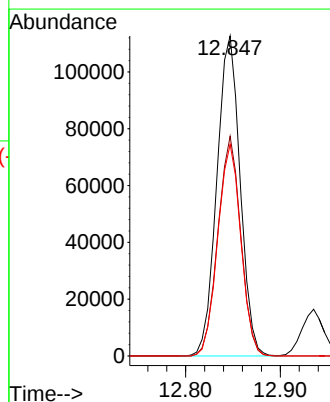
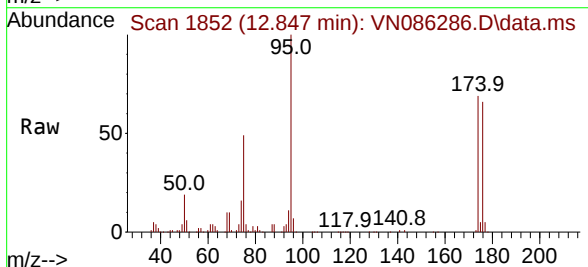
Manual Integrations
APPROVED

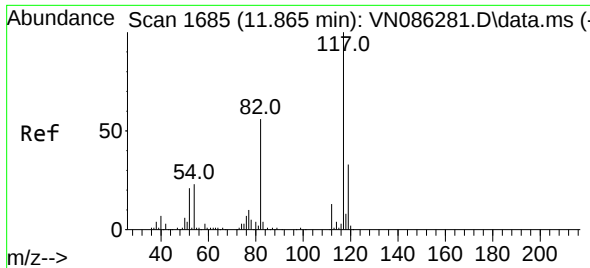
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#62
4-Bromofluorobenzene
Concen: 49.374 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

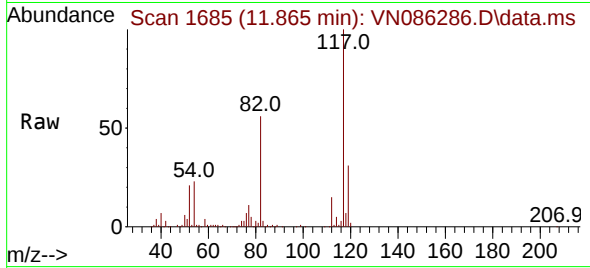
Tgt Ion: 95 Resp: 192478
Ion Ratio Lower Upper
95 100
174 67.1 0.0 133.4
176 65.4 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

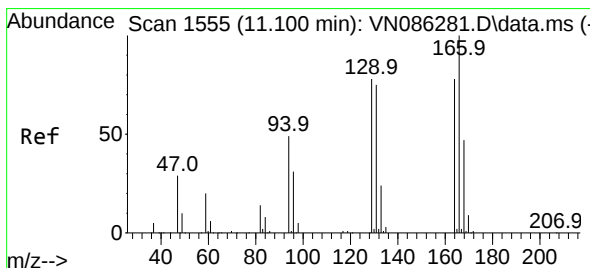
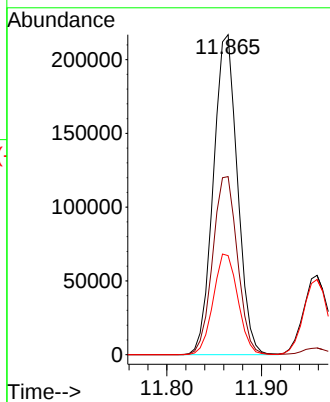
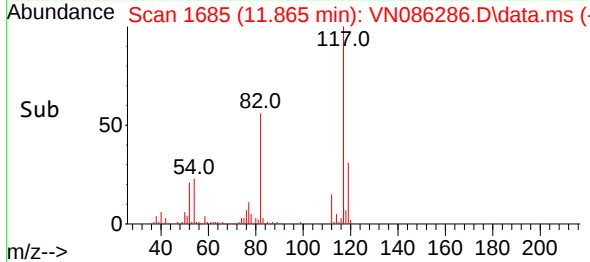
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 38356
Ion Ratio Lower Upper
117 100
82 55.7 44.7 67.1
119 31.0 26.4 39.6

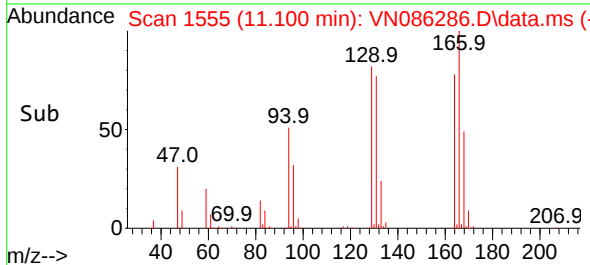
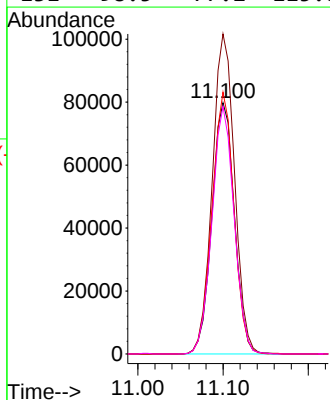
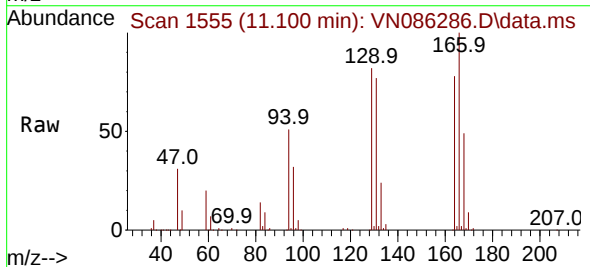
Manual Integrations
APPROVED

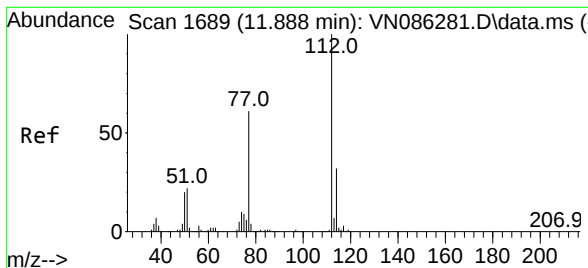
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#64
Tetrachloroethene
Concen: 49.433 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

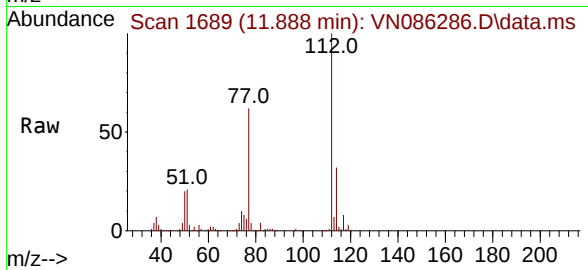
Tgt Ion:164 Resp: 145847
Ion Ratio Lower Upper
164 100
166 127.4 103.0 154.4
129 104.2 80.1 120.1
131 98.5 77.2 115.8





#65
Chlorobenzene
Concen: 47.653 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

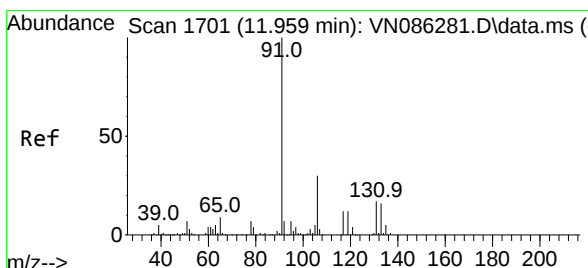
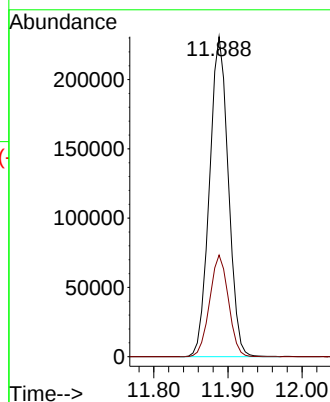
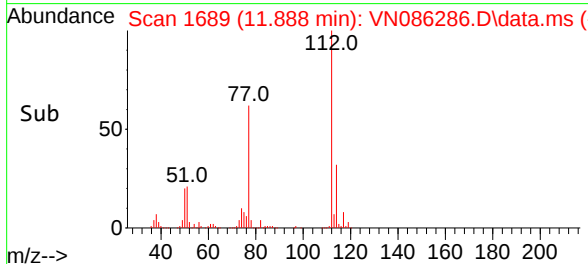
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



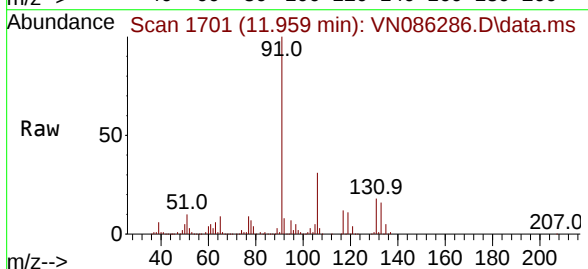
Tgt Ion:112 Resp: 40789
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

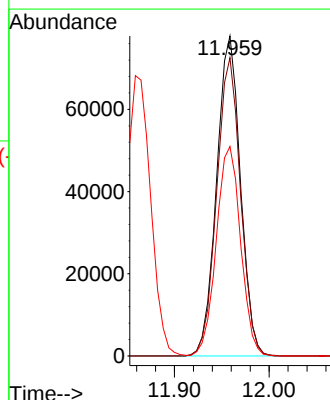
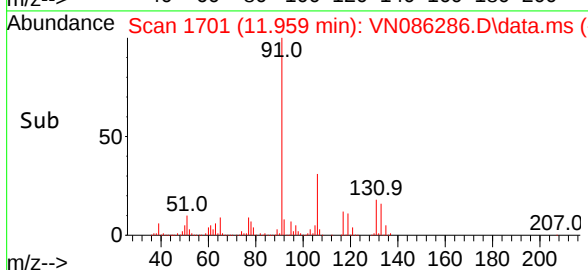
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

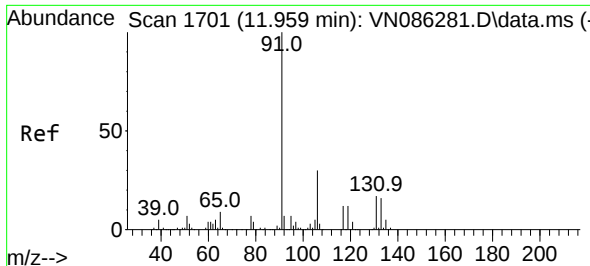


#66
1,1,1,2-Tetrachloroethane
Concen: 48.194 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



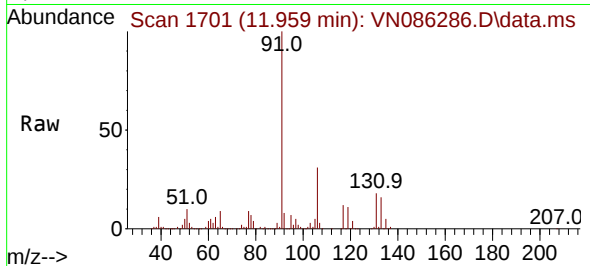
Tgt Ion:131 Resp: 136092
Ion Ratio Lower Upper
131 100
133 93.3 47.1 141.3
119 66.9 33.8 101.4





#67
Ethyl Benzene
Concen: 48.077 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

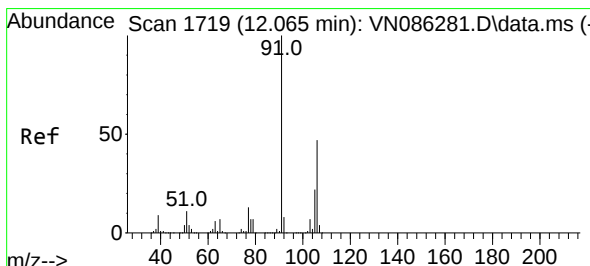
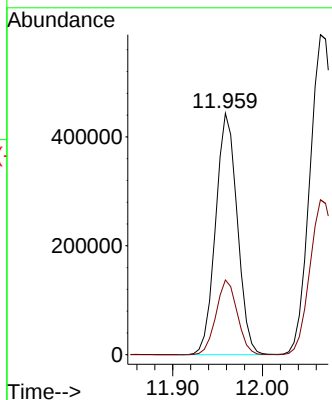
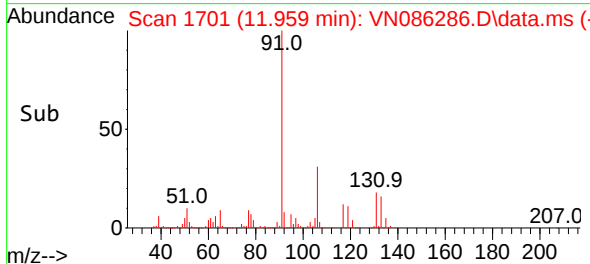
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 742623
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

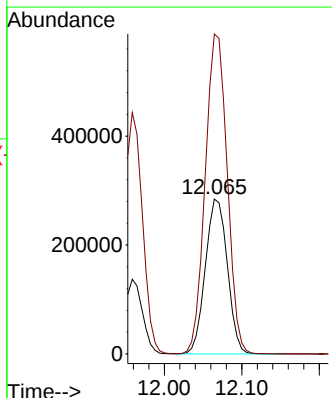
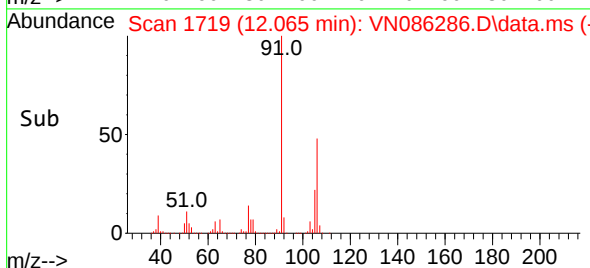
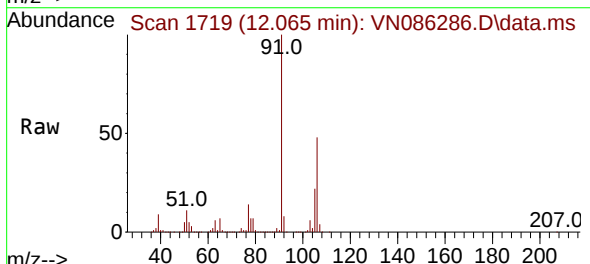
Manual Integrations
APPROVED

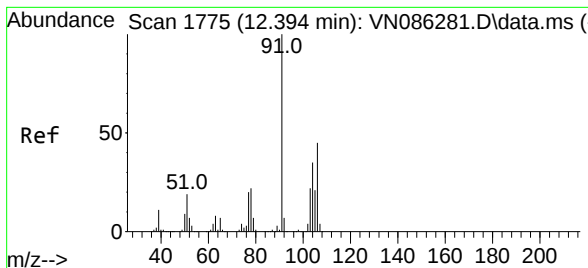
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#68
m/p-Xylenes
Concen: 97.152 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

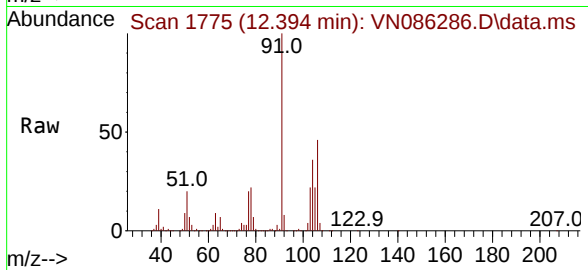
Tgt Ion:106 Resp: 562291
Ion Ratio Lower Upper
106 100
91 206.0 166.5 249.7





#69
o-Xylene
Concen: 47.691 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

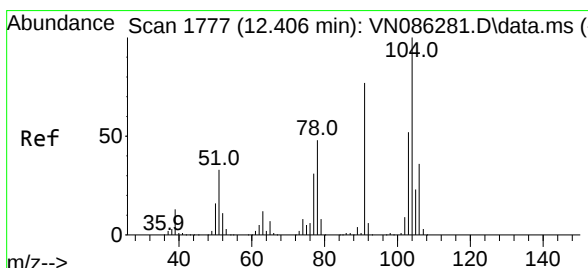
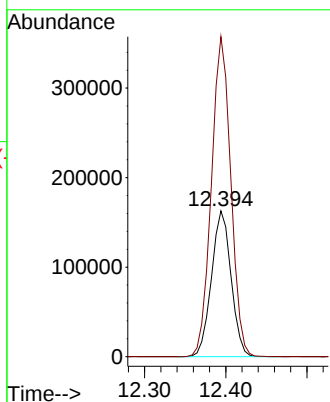
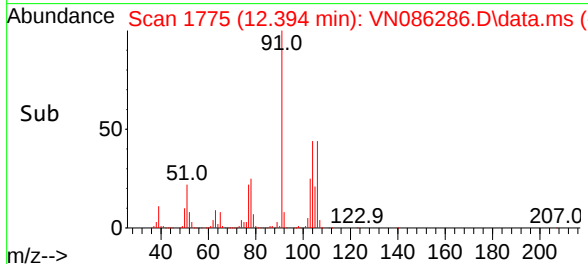
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 272968
Ion Ratio Lower Upper
106 100
91 217.6 109.7 329.0

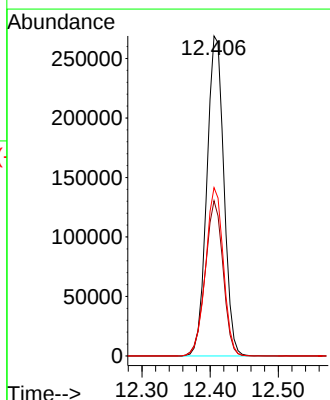
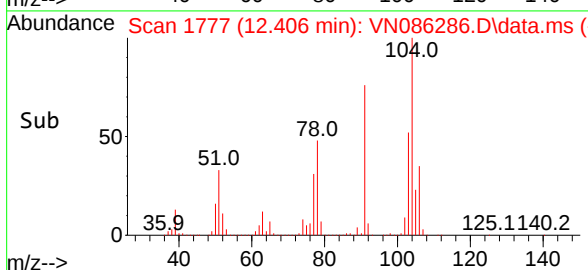
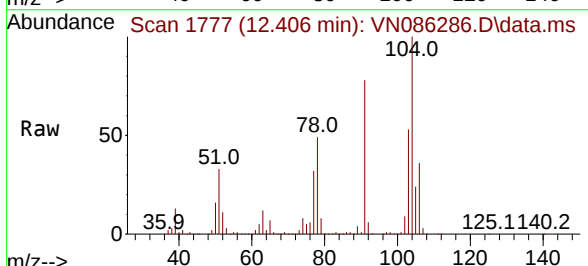
Manual Integrations
APPROVED

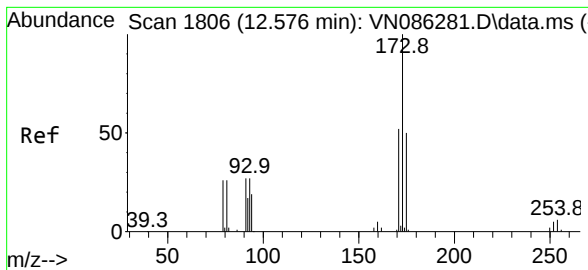
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 49.048 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

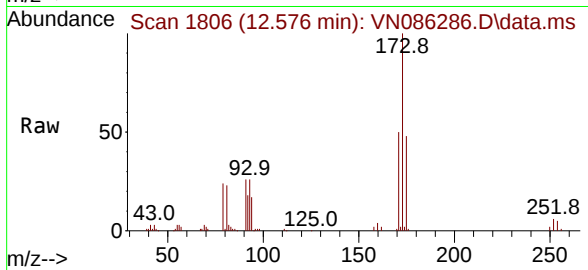
Tgt Ion:104 Resp: 467765
Ion Ratio Lower Upper
104 100
78 50.7 40.6 61.0
103 54.6 43.6 65.4





#71
Bromoform
Concen: 48.243 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

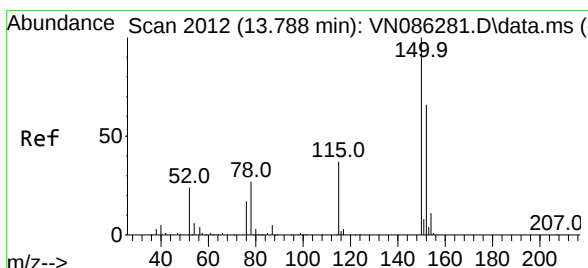
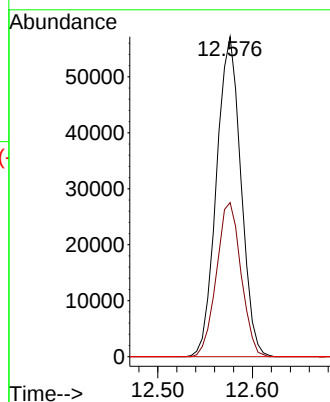
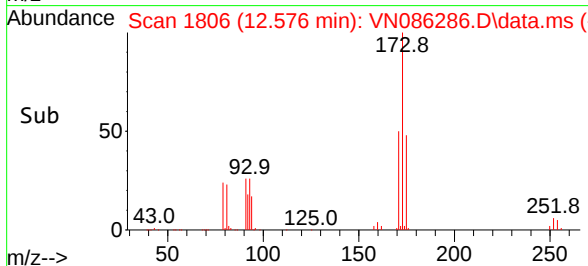
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



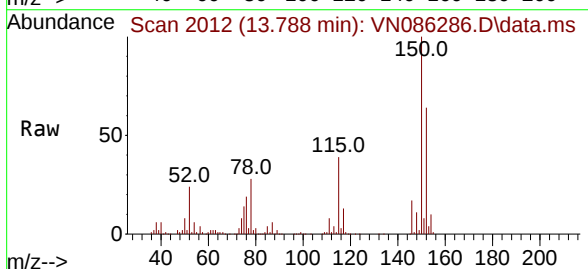
Tgt Ion:173 Resp: 102569
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

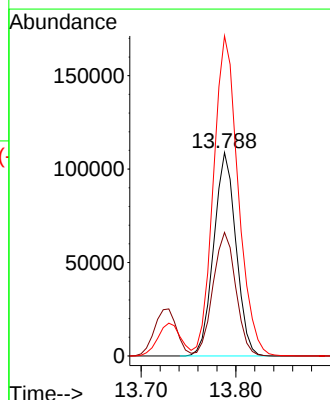
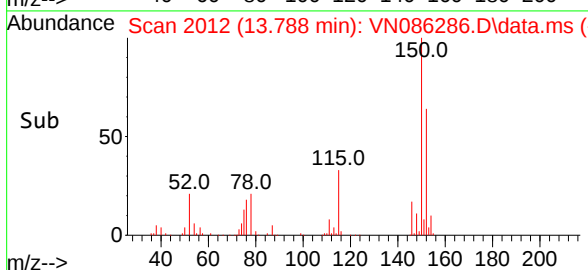
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

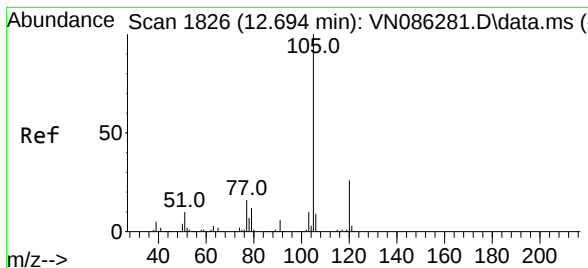


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



Tgt Ion:152 Resp: 177295
Ion Ratio Lower Upper
152 100
115 62.5 31.9 95.9
150 175.3 0.0 352.0





#73

Isopropylbenzene

Concen: 46.758 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086286.D

Acq: 16 Apr 2025 09:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 678138

Ion Ratio Lower Upper

105 100

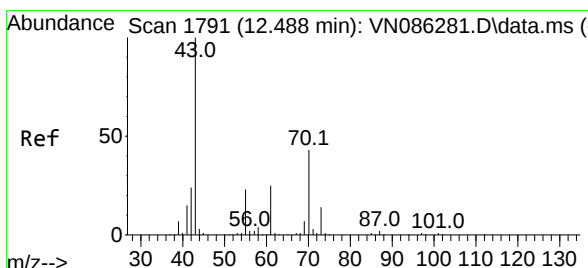
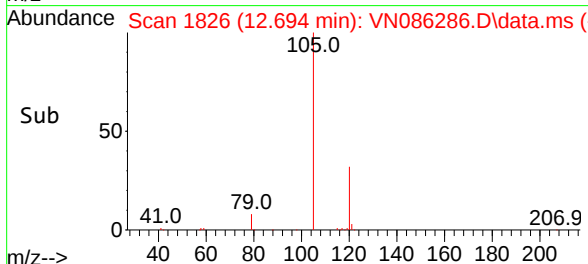
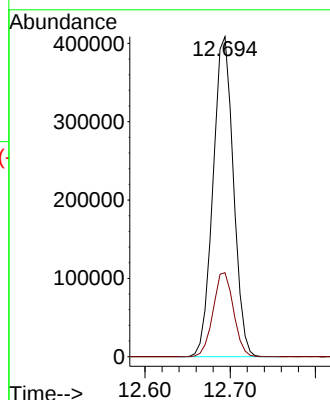
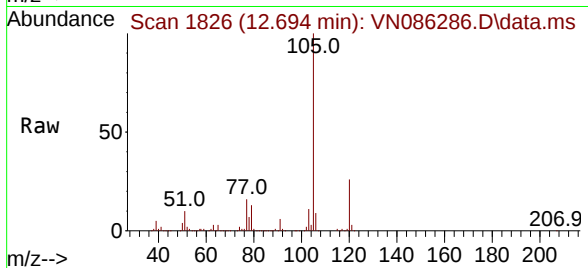
120 26.3 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#74

N-ethyl acetate

Concen: 44.026 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086286.D

Acq: 16 Apr 2025 09:14

Tgt Ion: 43 Resp: 317872

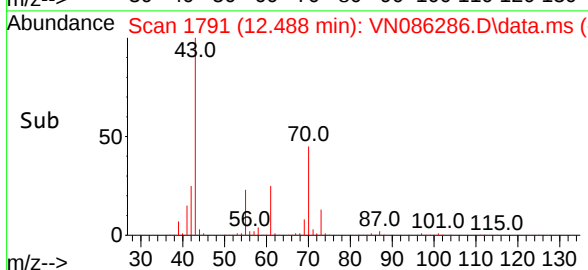
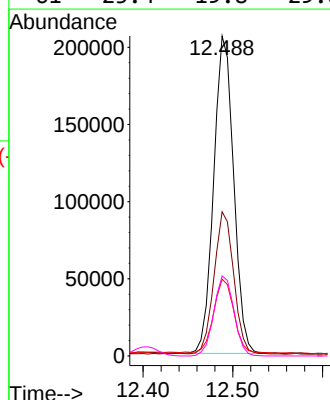
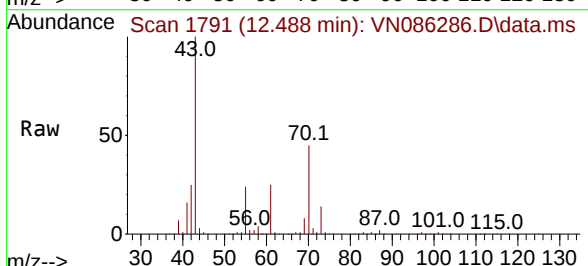
Ion Ratio Lower Upper

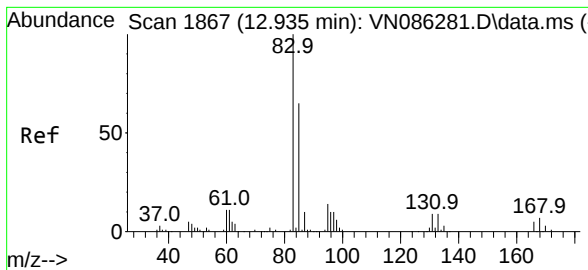
43 100

70 44.5 35.0 52.4

55 24.5 19.0 28.4

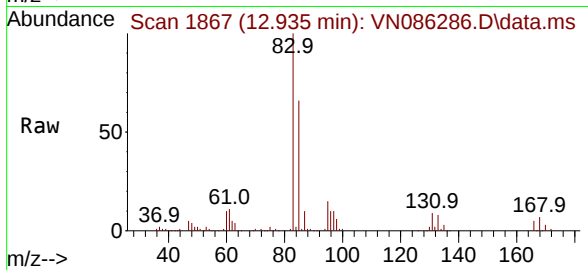
61 25.4 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.857 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

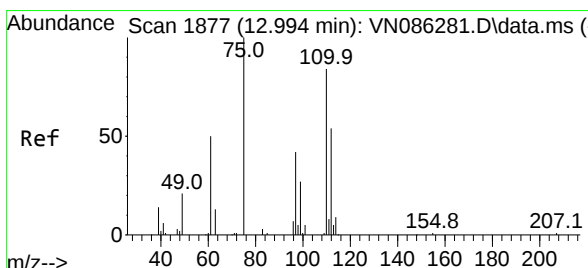
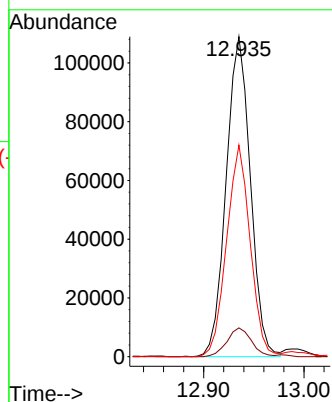
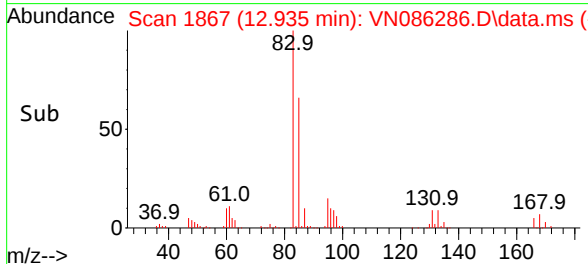
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



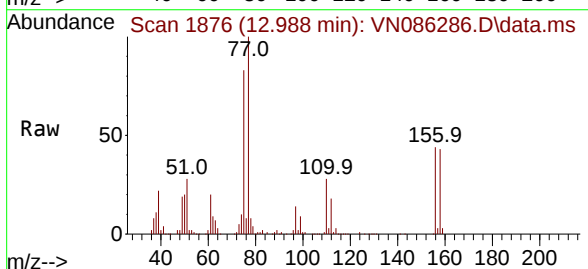
Tgt Ion: 83 Resp: 182880
Ion Ratio Lower Upper
83 100
131 9.1 4.7 14.1
85 64.2 32.7 98.1

Manual Integrations
APPROVED

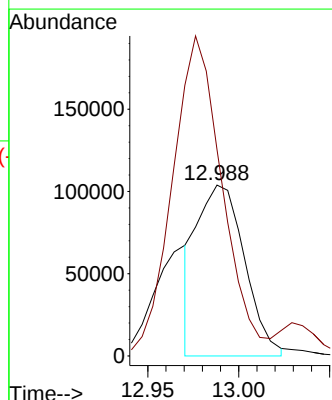
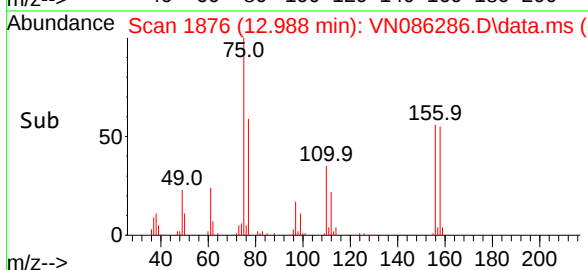
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

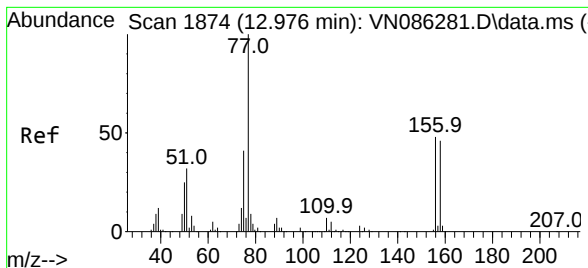


#76
1,2,3-Trichloropropane
Concen: 45.063 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



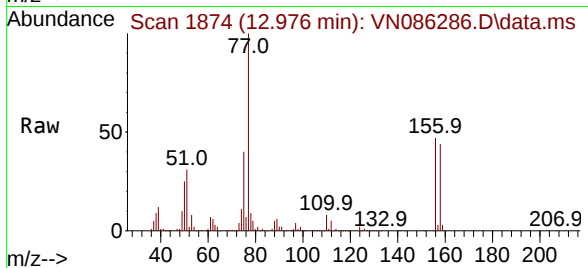
Tgt Ion: 75 Resp: 188539
Ion Ratio Lower Upper
75 100
77 197.8 98.8 296.4





#77
Bromobenzene
Concen: 47.562 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

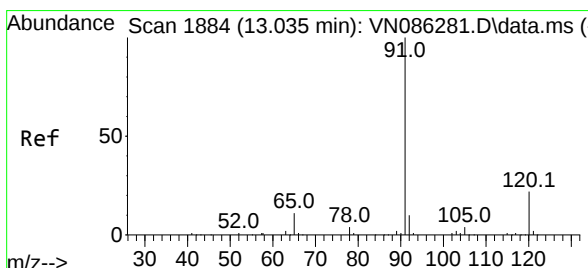
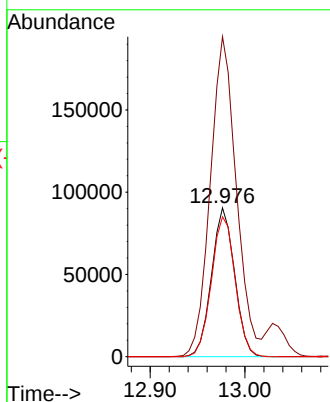
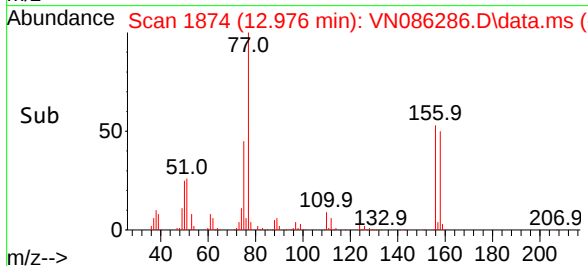
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



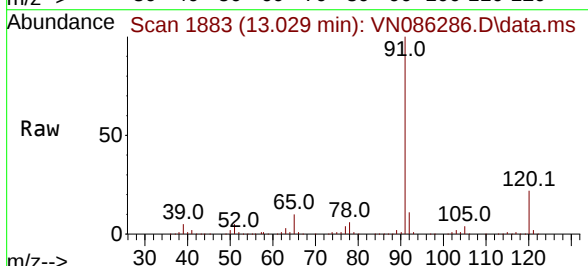
Tgt Ion:156 Resp: 152840
Ion Ratio Lower Upper
156 100
77 244.0 121.1 363.1
158 96.8 47.9 143.6

Manual Integrations
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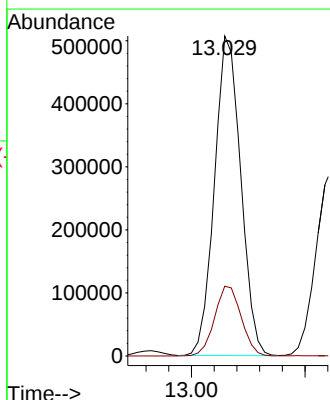
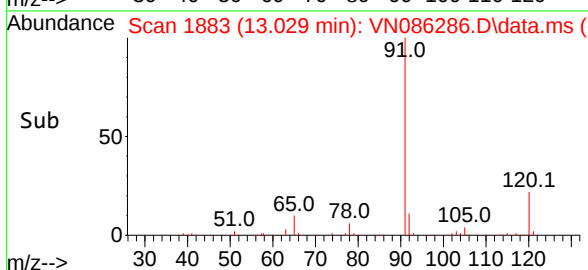
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

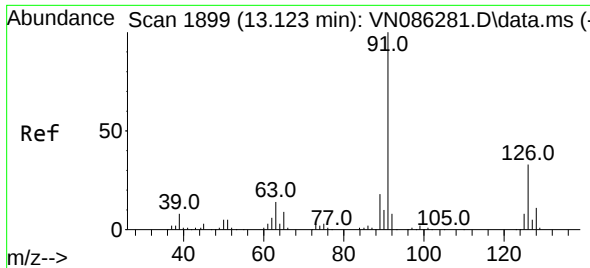


#78
n-propylbenzene
Concen: 47.620 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



Tgt Ion: 91 Resp: 813823
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.3





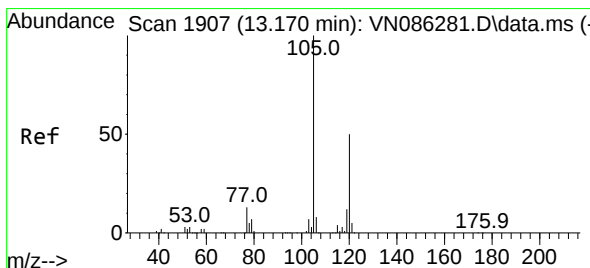
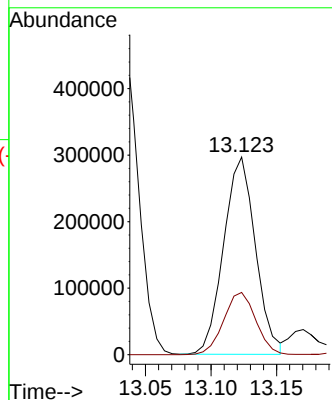
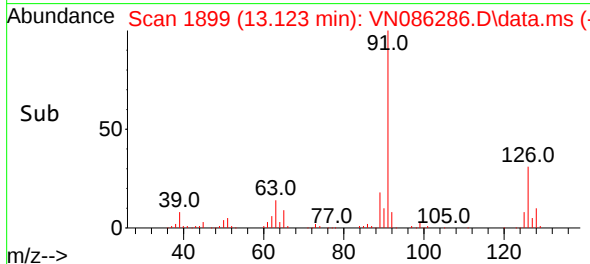
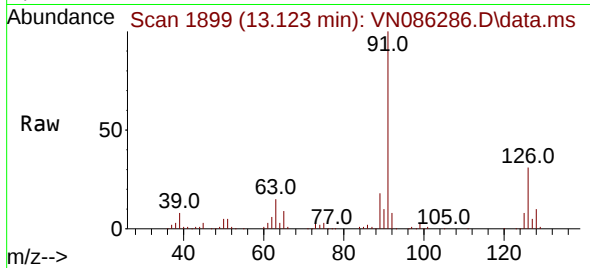
#79
2-Chlorotoluene
Concen: 46.847 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 500979
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.2

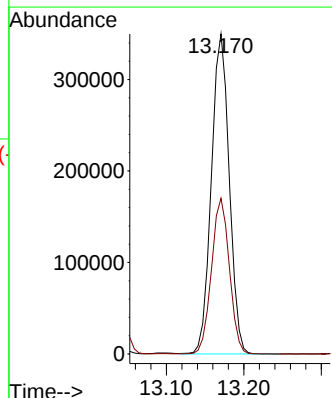
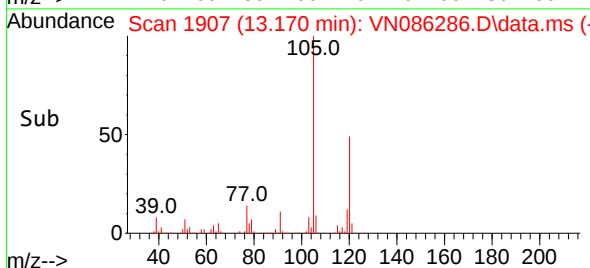
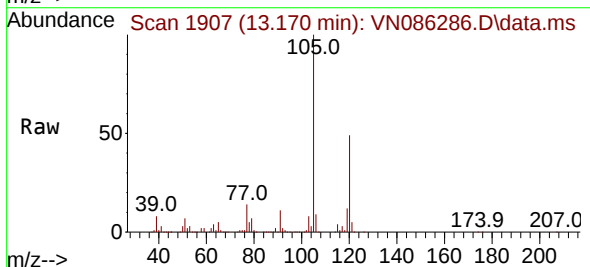
Manual Integrations
APPROVED

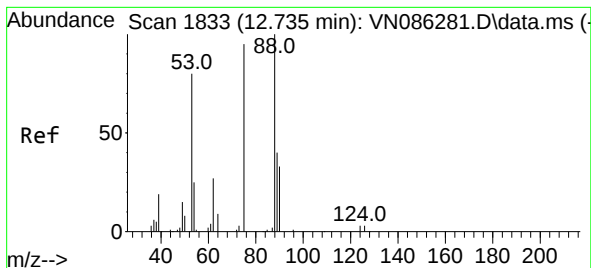
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.184 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

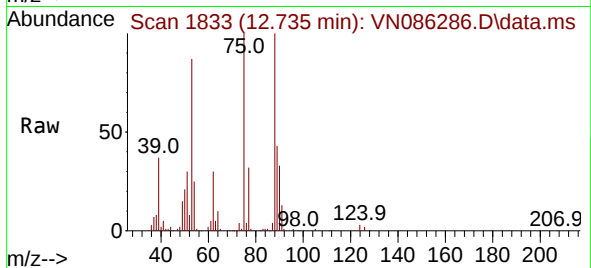
Tgt Ion:105 Resp: 560090
Ion Ratio Lower Upper
105 100
120 48.7 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 52.918 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

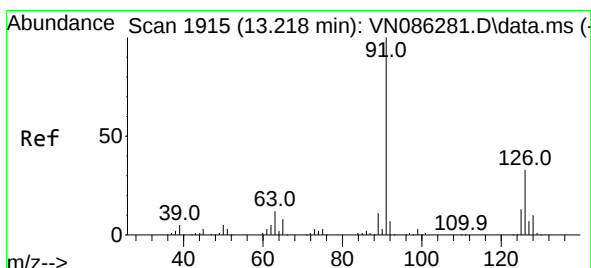
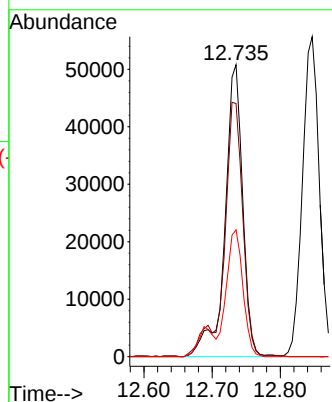
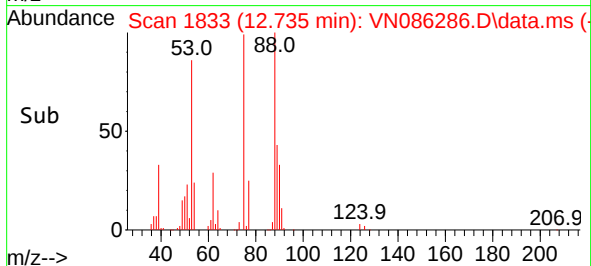
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



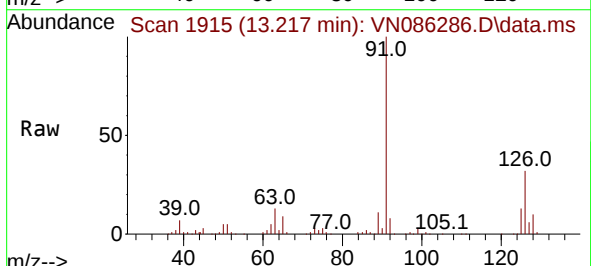
Tgt Ion: 75 Resp: 92189
Ion Ratio Lower Upper
75 100
53 92.2 79.2 118.8
89 40.4 35.7 53.5

Manual Integrations
APPROVED

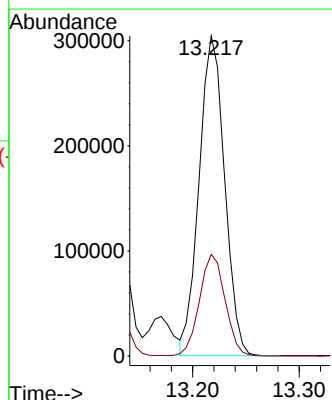
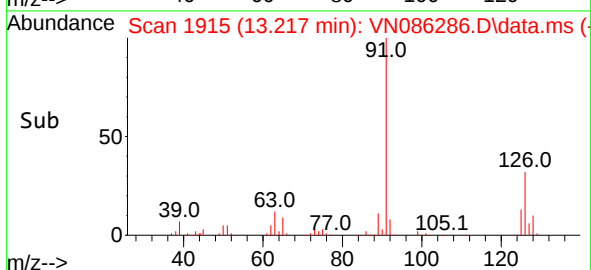
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

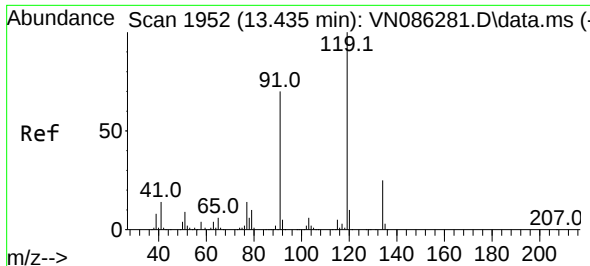


#82
4-Chlorotoluene
Concen: 47.693 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



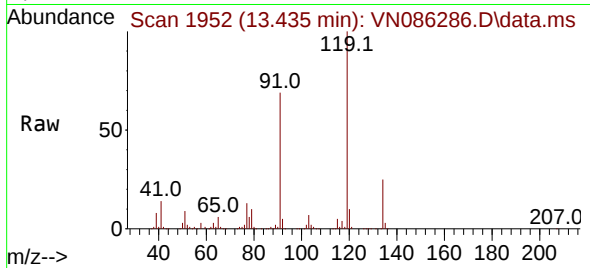
Tgt Ion: 91 Resp: 506641
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6





#83
tert-Butylbenzene
Concen: 45.479 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

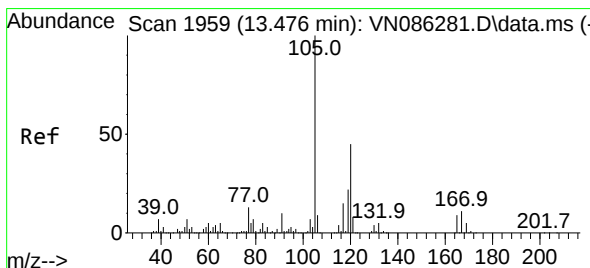
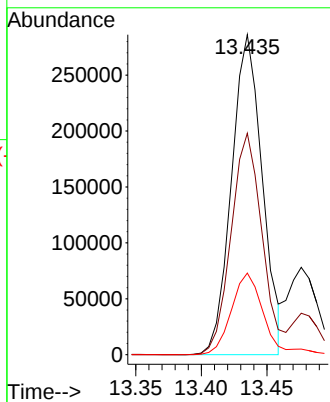
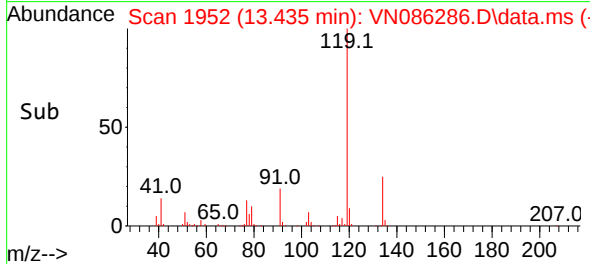
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



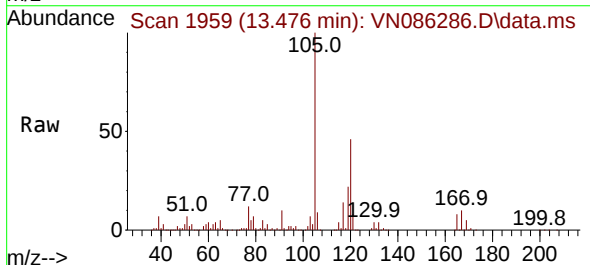
Tgt Ion:119 Resp: 46777
Ion Ratio Lower Upper
119 100
91 70.2 34.4 103.3
134 26.7 13.0 39.0

Manual Integrations
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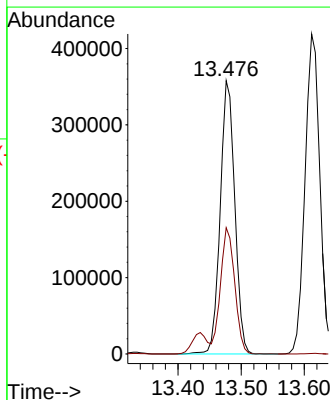
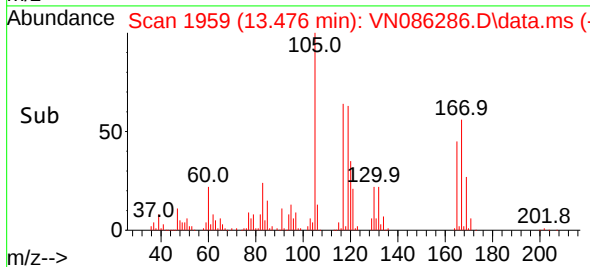
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

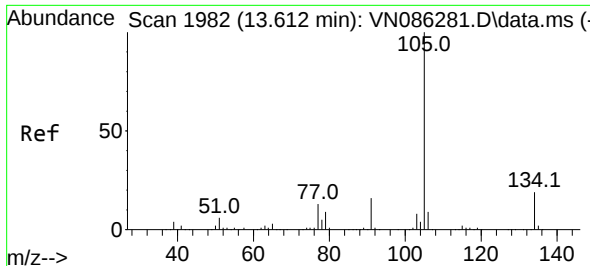


#84
1,2,4-Trimethylbenzene
Concen: 47.478 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



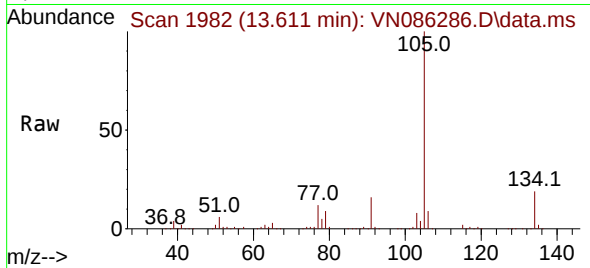
Tgt Ion:105 Resp: 573671
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3





#85
sec-Butylbenzene
Concen: 47.611 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

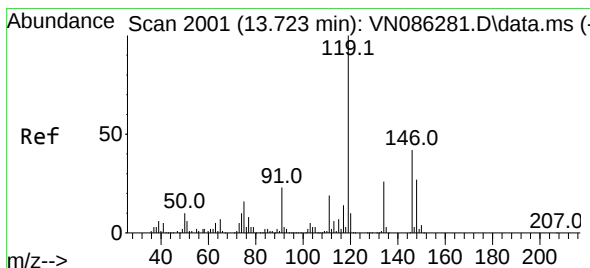
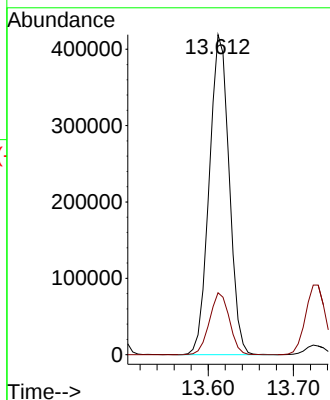
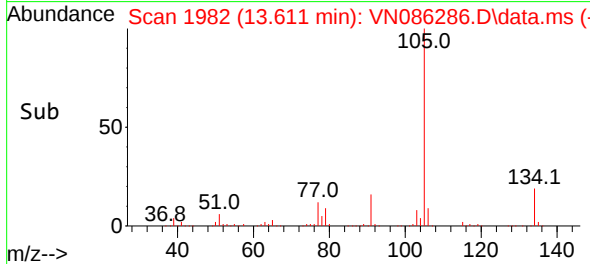
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



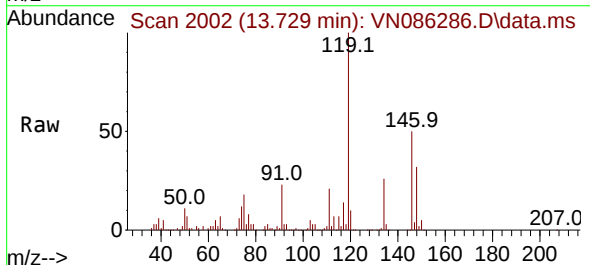
Tgt Ion:105 Resp: 679238
Ion Ratio Lower Upper
105 100
134 19.3 9.7 29.1

Manual Integrations
APPROVED

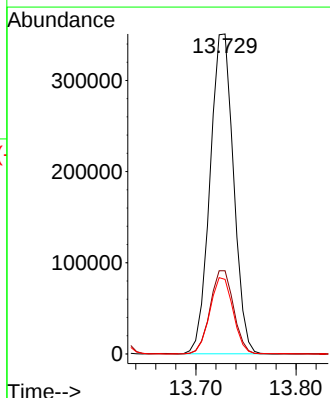
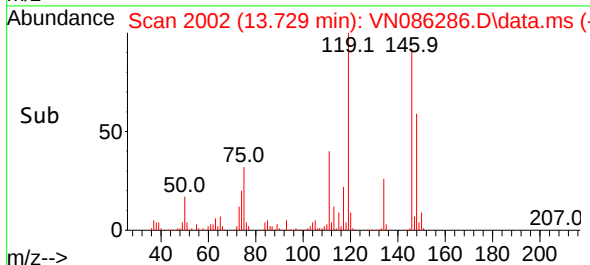
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#86
p-Isopropyltoluene
Concen: 48.608 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



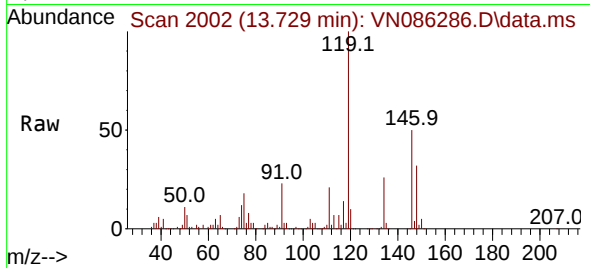
Tgt Ion:119 Resp: 571595
Ion Ratio Lower Upper
119 100
134 26.1 13.1 39.1
91 23.7 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 48.303 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

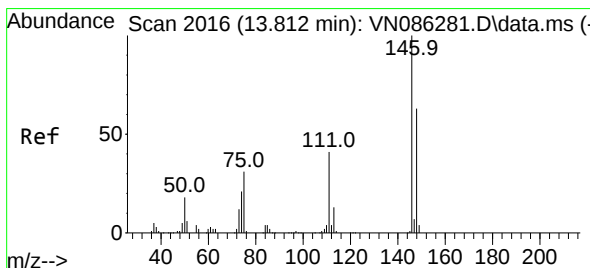
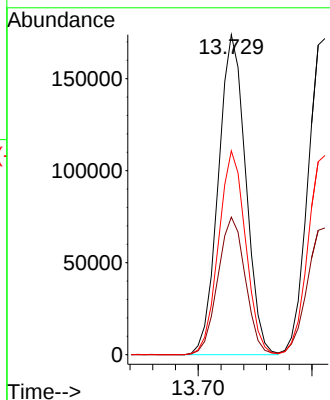
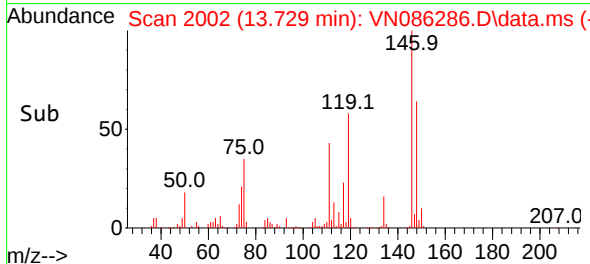
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



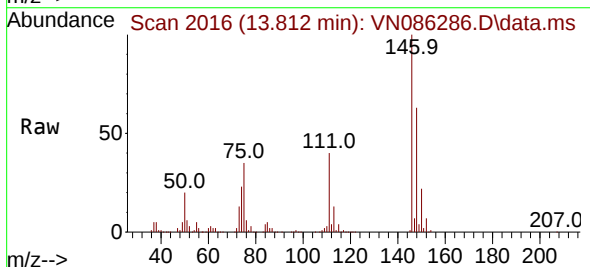
Tgt Ion:146 Resp: 291794
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.7
148 62.8 31.9 95.5

Manual Integrations
APPROVED

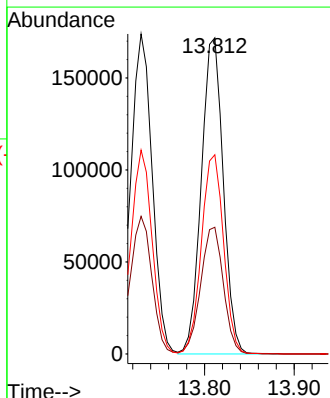
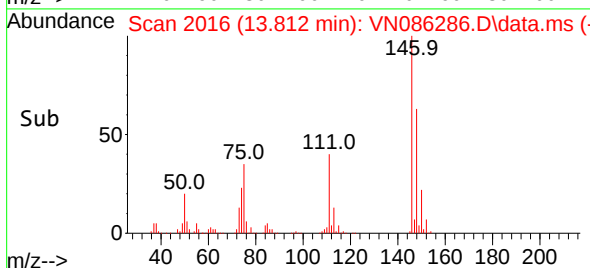
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#88
1,4-Dichlorobenzene
Concen: 47.989 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



Tgt Ion:146 Resp: 291992
Ion Ratio Lower Upper
146 100
111 41.7 21.3 63.9
148 63.7 31.9 95.9





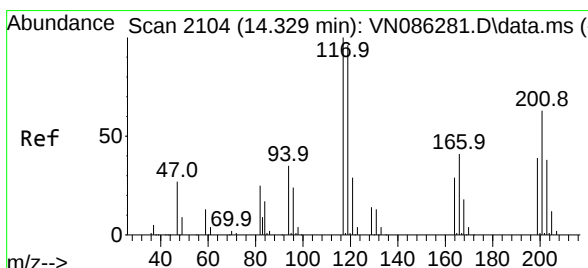
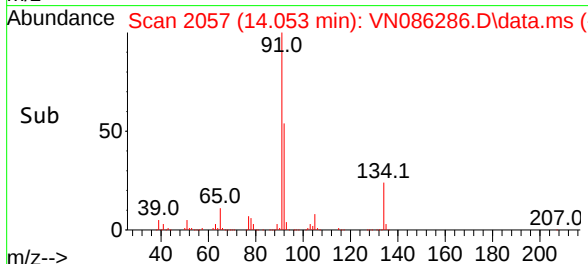
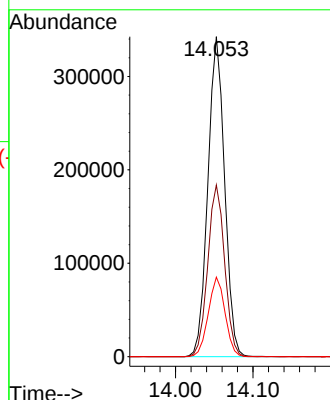
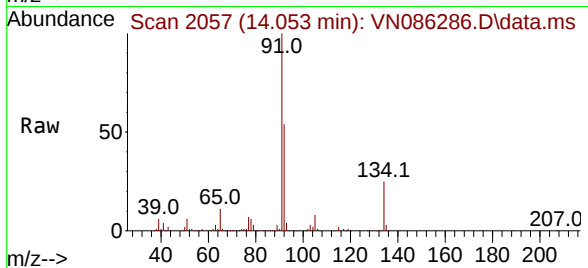
#89
n-Butylbenzene
Concen: 49.219 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 51302
Ion Ratio Lower Upper
91 100
92 54.2 26.8 80.4
134 24.9 12.2 36.6

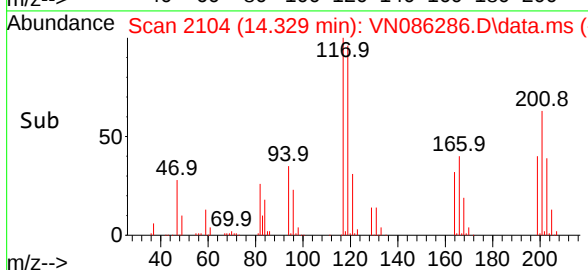
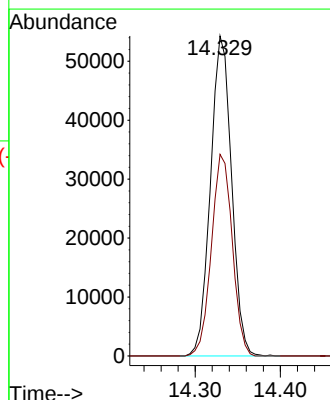
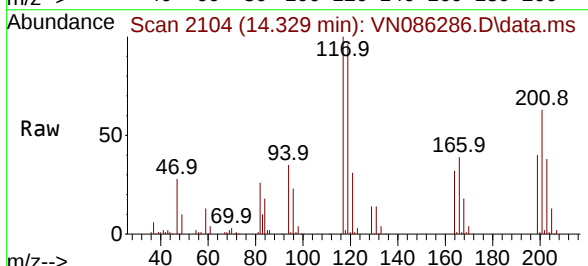
Manual Integrations
APPROVED

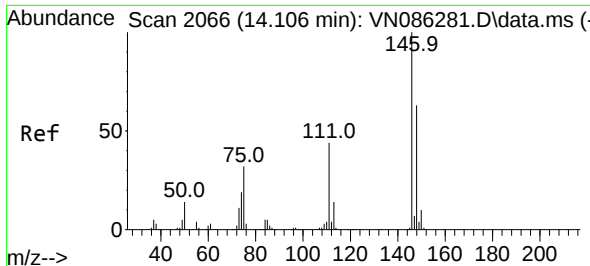
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#90
Hexachloroethane
Concen: 47.120 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

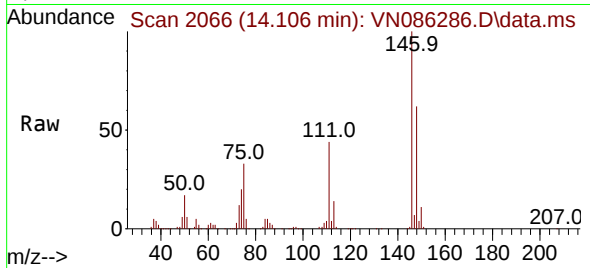
Tgt Ion:117 Resp: 93202
Ion Ratio Lower Upper
117 100
201 62.5 31.4 94.2





#91
1,2-Dichlorobenzene
Concen: 47.687 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

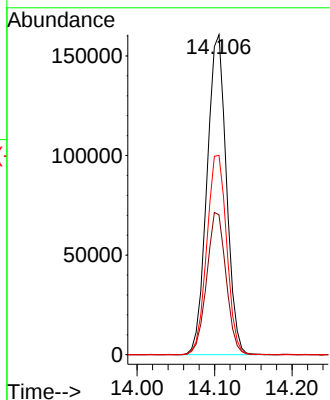
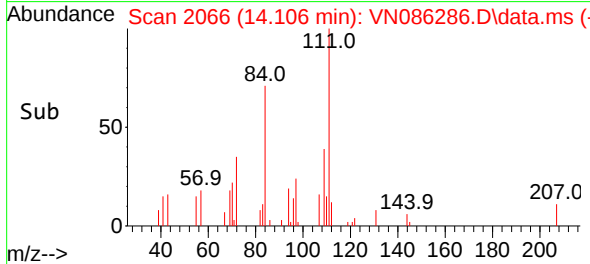
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



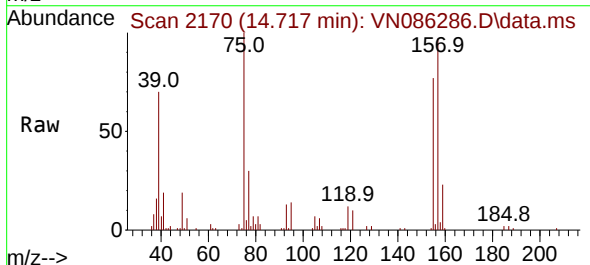
Tgt Ion:146 Resp: 279290
Ion Ratio Lower Upper
146 100
111 44.5 22.4 67.0
148 63.8 31.8 95.4

Manual Integrations
APPROVED

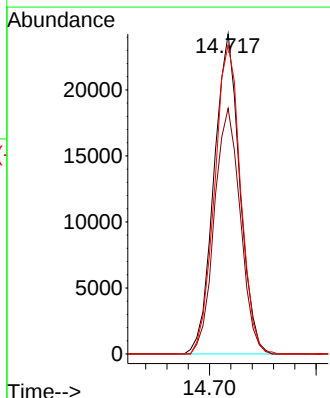
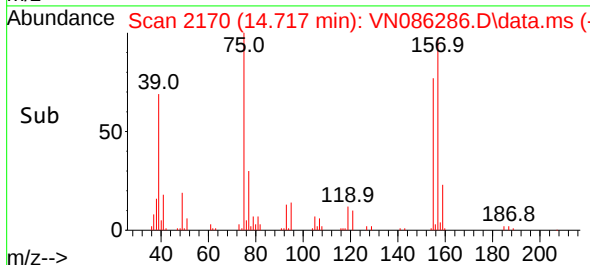
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

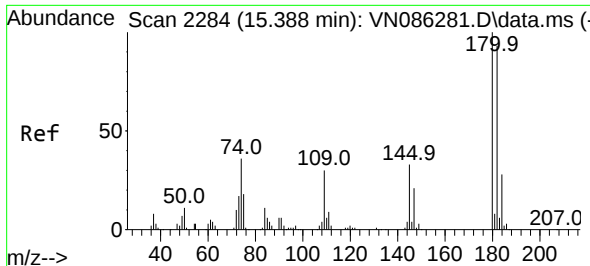


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.367 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14



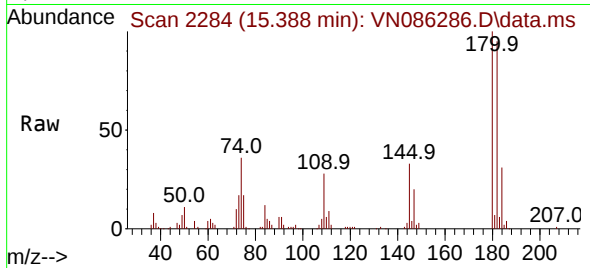
Tgt Ion: 75 Resp: 40668
Ion Ratio Lower Upper
75 100
155 77.2 40.3 120.9
157 97.0 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 49.814 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

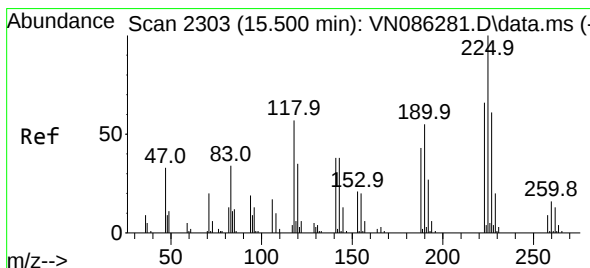
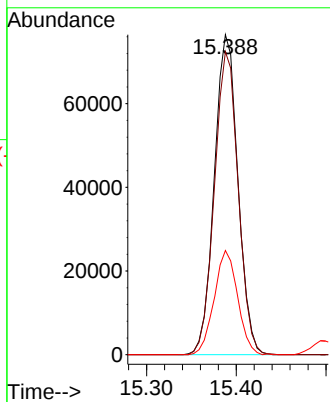
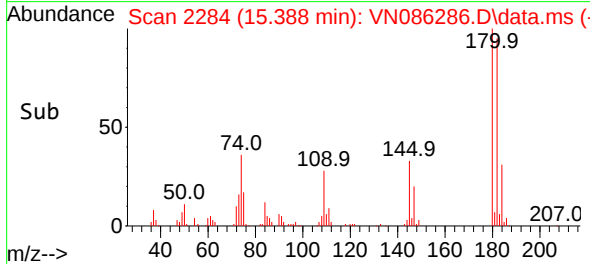
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 139704
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 32.3 16.4 49.1

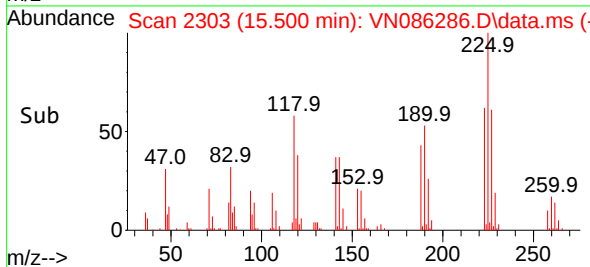
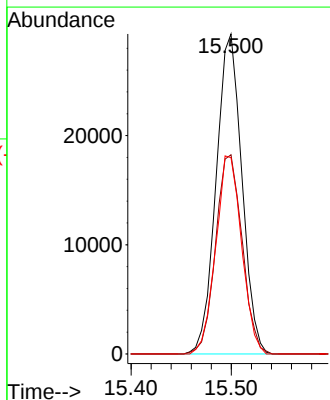
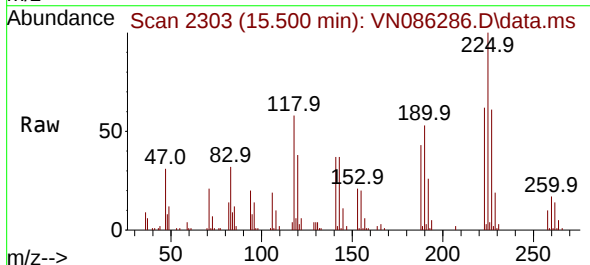
Manual Integrations
APPROVED

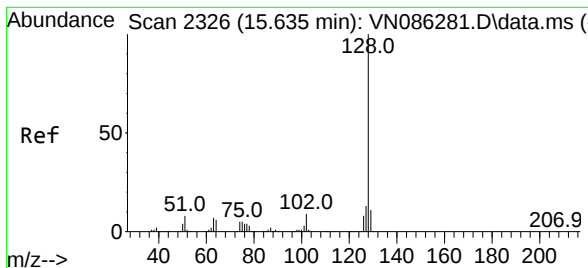
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#94
Hexachlorobutadiene
Concen: 49.301 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

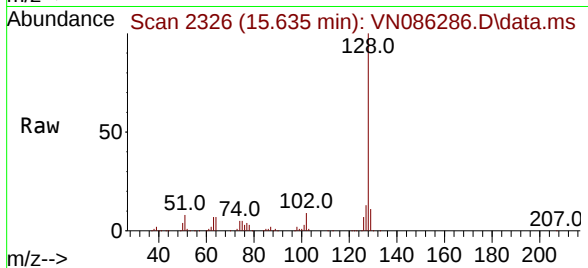
Tgt Ion:225 Resp: 52193
Ion Ratio Lower Upper
225 100
223 64.2 32.8 98.3
227 62.3 31.4 94.0





#95
Naphthalene
Concen: 48.334 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

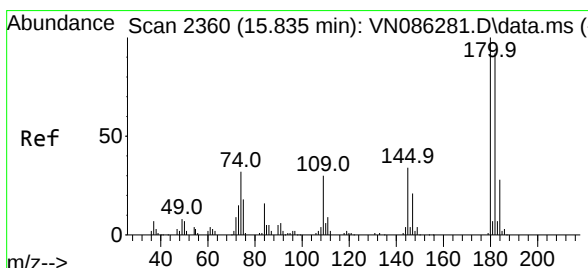
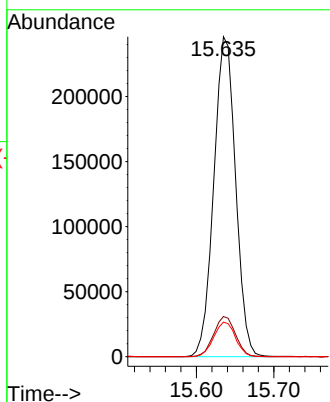
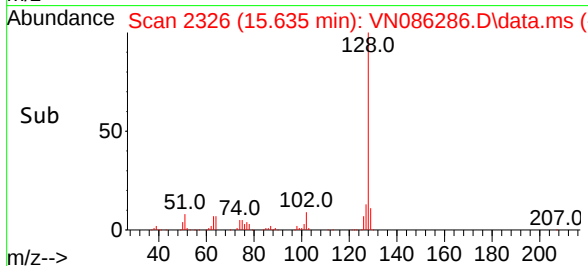
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 480514
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.020 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086286.D
Acq: 16 Apr 2025 09:14

Tgt Ion:180 Resp: 127501
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 33.9 17.2 51.5

