

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086068.D
 Acq On : 24 Mar 2025 13:26
 Operator : JC\MD
 Sample : VN0324MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2025
 Supervised By : Mahesh Dadoda 03/25/2025

Quant Time: Mar 25 01:21:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117074	52.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.160%			
35) Dibromofluoromethane	8.165	113	95054	50.736	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.565	98	357045	52.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.020%			
62) 4-Bromofluorobenzene	12.847	95	119131	49.128	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	40560	18.650	ug/l	92
3) Chloromethane	2.359	50	34093	17.882	ug/l	92
4) Vinyl Chloride	2.512	62	37128	19.046	ug/l	98
5) Bromomethane	2.953	94	24275	18.281	ug/l	93
6) Chloroethane	3.118	64	22203	18.054	ug/l	100
7) Trichlorofluoromethane	3.495	101	63923	18.241	ug/l	92
8) Diethyl Ether	3.959	74	18454	17.202	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.365	101	35017	18.801	ug/l	100
10) Methyl Iodide	4.583	142	44086	18.166	ug/l	93
11) Tert butyl alcohol	5.524	59	24781	77.865	ug/l	97
12) 1,1-Dichloroethene	4.342	96	31244	18.578	ug/l	94
13) Acrolein	4.177	56	32041	94.393	ug/l	94
14) Allyl chloride	5.018	41	34241	16.320	ug/l	99
15) Acrylonitrile	5.718	53	77446	92.142	ug/l	99
16) Acetone	4.430	43	57410	83.598	ug/l	96
17) Carbon Disulfide	4.706	76	92403	16.707	ug/l	99
18) Methyl Acetate	5.018	43	33399	19.657	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	96872	17.578	ug/l	94
20) Methylene Chloride	5.271	84	38228	19.028	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	35187	19.145	ug/l	89
22) Diisopropyl ether	6.671	45	87950	19.671	ug/l	98
23) Vinyl Acetate	6.600	43	306012	90.287	ug/l	99
24) 1,1-Dichloroethane	6.571	63	63014	19.166	ug/l	99
25) 2-Butanone	7.482	43	86207	86.997	ug/l	96
26) 2,2-Dichloropropane	7.482	77	59200	18.703	ug/l	100
27) cis-1,2-Dichloroethene	7.482	96	39418	18.873	ug/l	98
28) Bromochloromethane	7.806	49	29135	20.916	ug/l	98
29) Tetrahydrofuran	7.835	42	58276	95.260	ug/l	96
30) Chloroform	7.965	83	71438	19.658	ug/l	95
31) Cyclohexane	8.259	56	49794	17.778	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	66217	19.249	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44872	18.189	ug/l	99
37) Ethyl Acetate	7.553	43	36783	17.674	ug/l	99
38) Carbon Tetrachloride	8.359	117	60064	18.518	ug/l	99
39) Methylcyclohexane	9.600	83	41407	16.918	ug/l	98
40) Benzene	8.606	78	148693	19.200	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	17713	17.824	ug/l	97
42) 1,2-Dichloroethane	8.671	62	50677	18.780	ug/l	98
43) Isopropyl Acetate	8.688	43	66464	14.737	ug/l	94
44) Trichloroethene	9.347	130	33721	16.800	ug/l	95
45) 1,2-Dichloropropane	9.618	63	34752	19.730	ug/l	99
46) Dibromomethane	9.706	93	26546	19.164	ug/l	99
47) Bromodichloromethane	9.888	83	55626	19.214	ug/l	99
48) Methyl methacrylate	9.676	41	26270	17.652	ug/l	99
49) 1,4-Dioxane	9.694	88	13132	373.271	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	188137	94.590	ug/l	98
52) Toluene	10.629	92	94860	19.958	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50795	18.066	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	55414	18.680	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	35530	19.585	ug/l	95
56) Ethyl methacrylate	10.876	69	44426	18.090	ug/l	99
57) 1,3-Dichloropropane	11.159	76	58802	19.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	110976	116.391	ug/l	99
59) 2-Hexanone	11.194	43	131392	90.681	ug/l	98
60) Dibromochloromethane	11.359	129	44411	18.971	ug/l	96
61) 1,2-Dibromoethane	11.465	107	34398	18.470	ug/l	95
64) Tetrachloroethene	11.100	164	35214	18.223	ug/l	94
65) Chlorobenzene	11.888	112	99809	18.006	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	39279	19.062	ug/l	99
67) Ethyl Benzene	11.959	91	157328	17.743	ug/l	97
68) m/p-Xylenes	12.070	106	128966	37.004	ug/l	100
69) o-Xylene	12.394	106	57960	18.120	ug/l	99
70) Styrene	12.412	104	101135	18.511	ug/l	97
71) Bromoform	12.576	173	32043	18.602	ug/l #	98
73) Isopropylbenzene	12.694	105	142320	16.639	ug/l	98
74) N-amyl acetate	12.488	43	47320	16.535	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	50661	17.507	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	49303m	17.581	ug/l	
77) Bromobenzene	12.976	156	41616	17.448	ug/l	97
78) n-propylbenzene	13.035	91	173393	17.902	ug/l	97
79) 2-Chlorotoluene	13.123	91	114076	17.732	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	130554	18.078	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16517	15.572	ug/l	94
82) 4-Chlorotoluene	13.217	91	118976	17.984	ug/l	100
83) tert-Butylbenzene	13.435	119	96390	15.606	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	128426	17.631	ug/l	99
85) sec-Butylbenzene	13.611	105	138862	17.234	ug/l	100
86) p-Isopropyltoluene	13.729	119	115667	16.958	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	75205	17.493	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	75386	16.690	ug/l	98
89) n-Butylbenzene	14.053	91	87365	15.729	ug/l	97
90) Hexachloroethane	14.329	117	26760	17.003	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	72390	16.938	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9277	16.060	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	30722	14.296	ug/l	98
94) Hexachlorobutadiene	15.500	225	17893	14.352	ug/l	96
95) Naphthalene	15.641	128	81106	13.034	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	30842	15.126	ug/l	99

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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

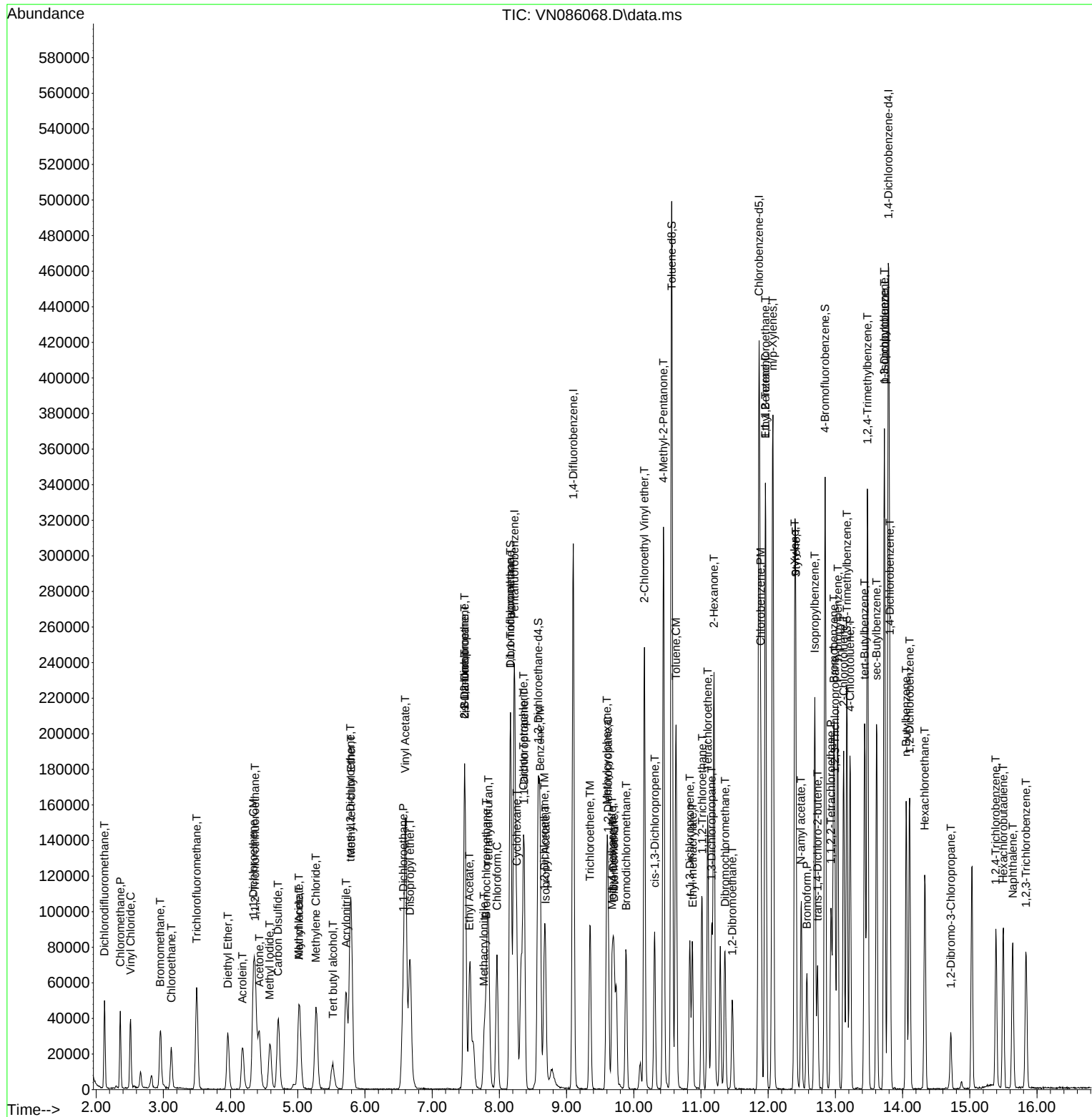
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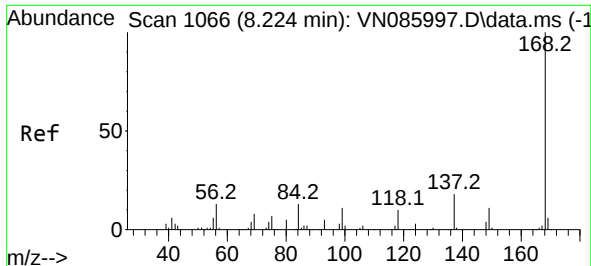
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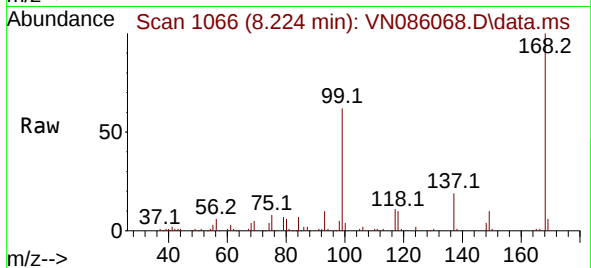
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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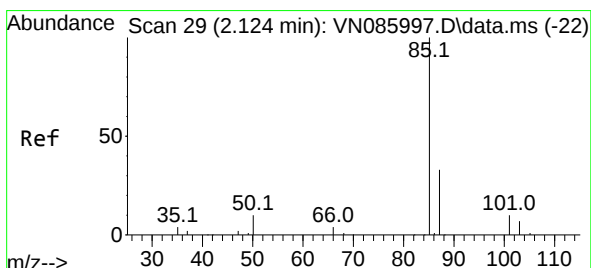
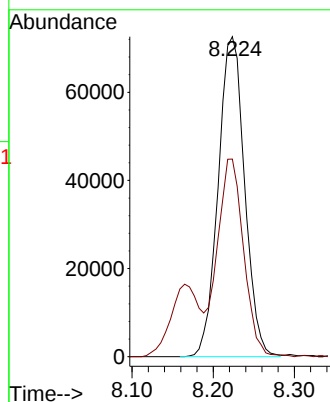
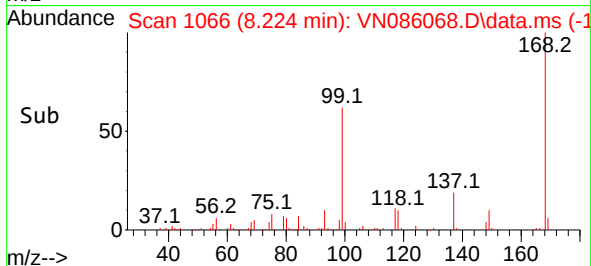
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 16415
Ion Ratio Lower Upper
168 100
99 61.2 49.4 74.2

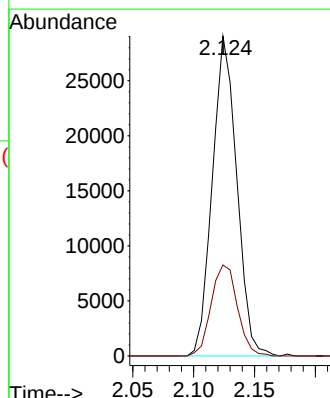
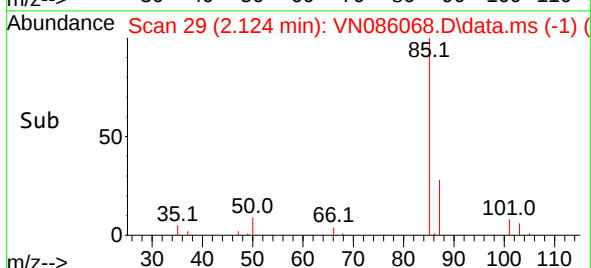
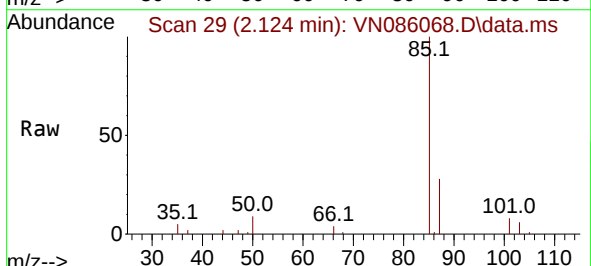
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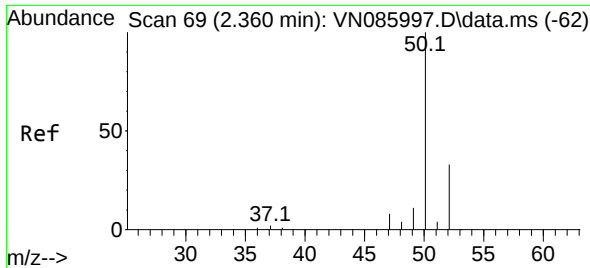
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#2
Dichlorodifluoromethane
Concen: 18.650 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

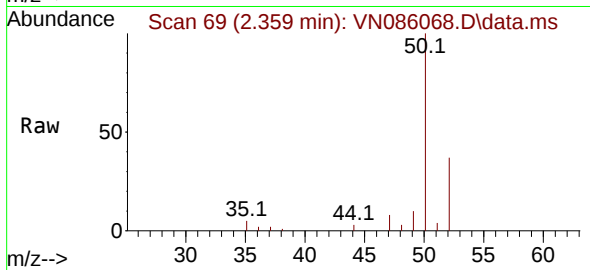
Tgt Ion: 85 Resp: 40560
Ion Ratio Lower Upper
85 100
87 28.5 16.5 49.5





#3
Chloromethane
Concen: 17.882 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

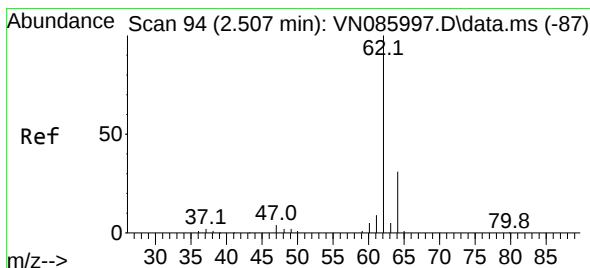
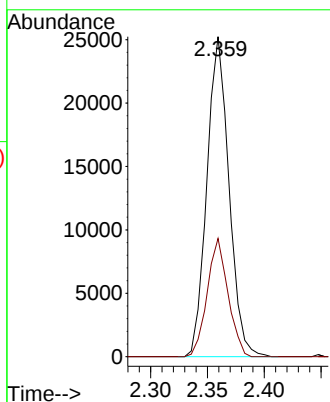
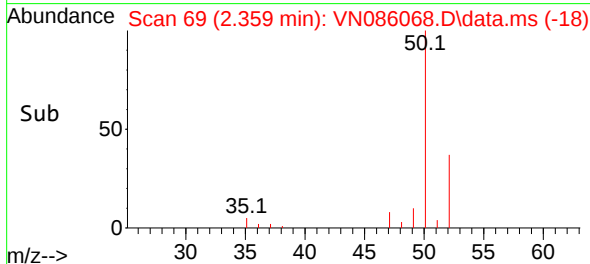
Instrument :
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Tgt Ion: 50 Resp: 3409
Ion Ratio Lower Upper
50 100
52 37.0 26.0 39.0

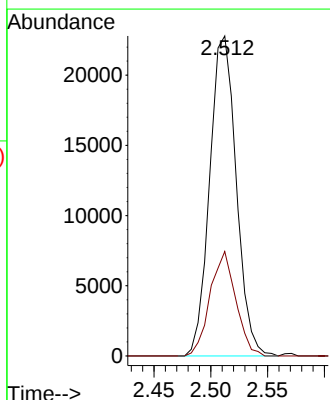
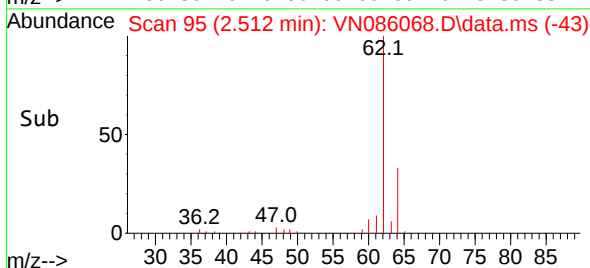
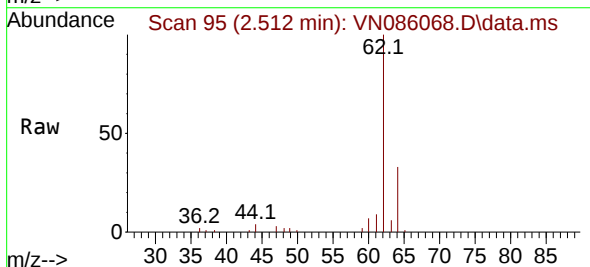
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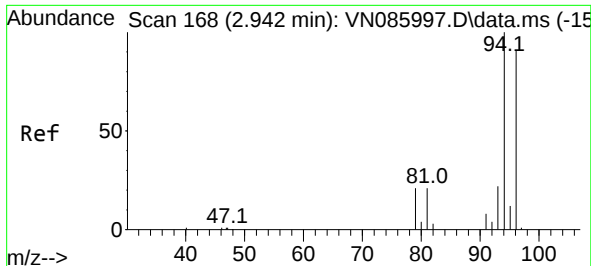
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#4
Vinyl Chloride
Concen: 19.046 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion: 62 Resp: 37128
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8





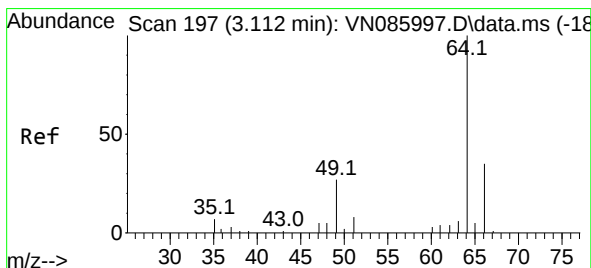
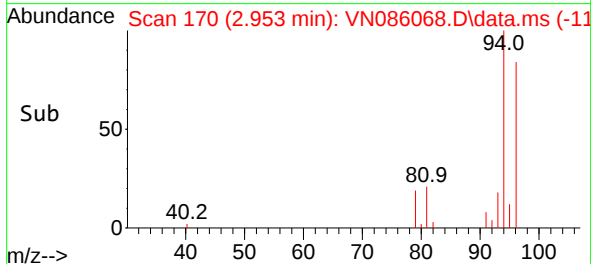
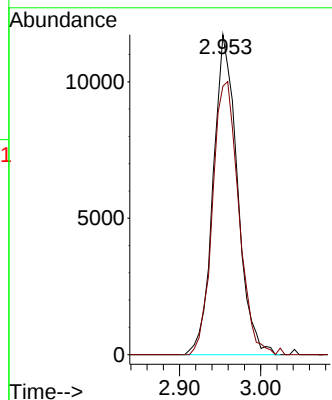
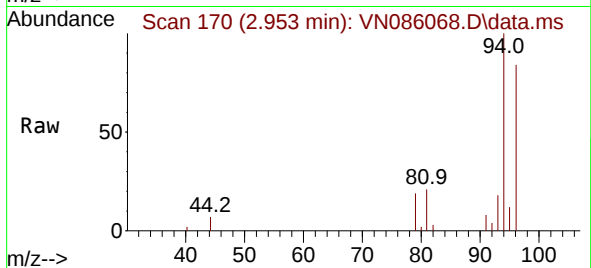
#5
Bromomethane
Concen: 18.281 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
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Tgt Ion: 94 Resp: 2427
Ion Ratio Lower Upper
94 100
96 83.9 72.8 109.2

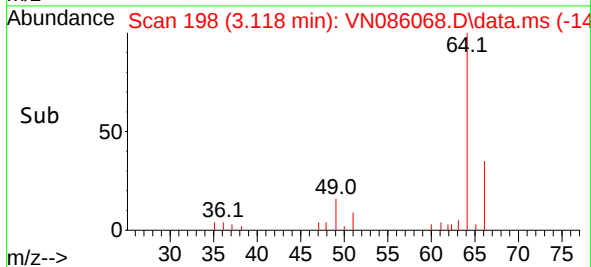
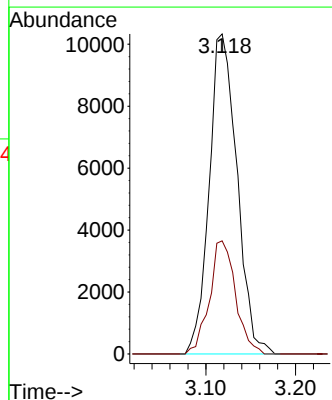
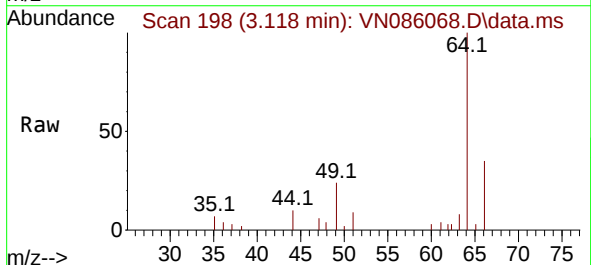
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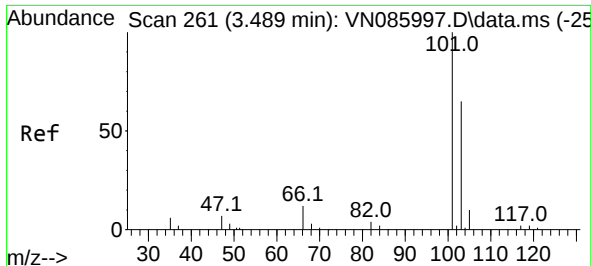
Reviewed By :John Carlone 03/25/2025
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#6
Chloroethane
Concen: 18.054 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion: 64 Resp: 22203
Ion Ratio Lower Upper
64 100
66 35.4 28.3 42.5





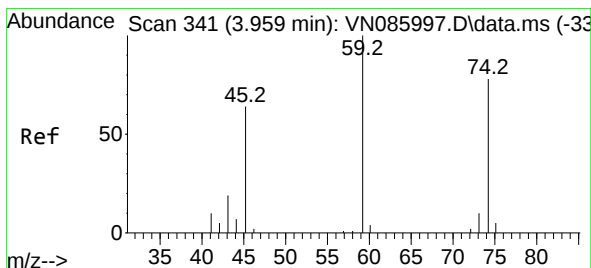
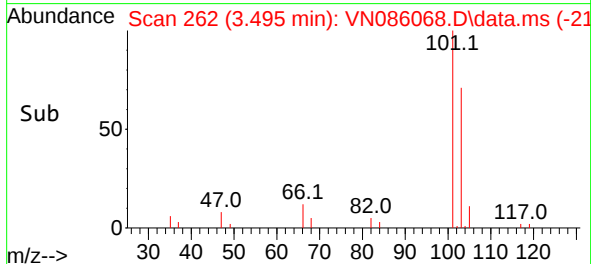
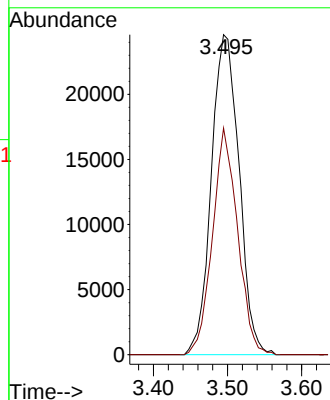
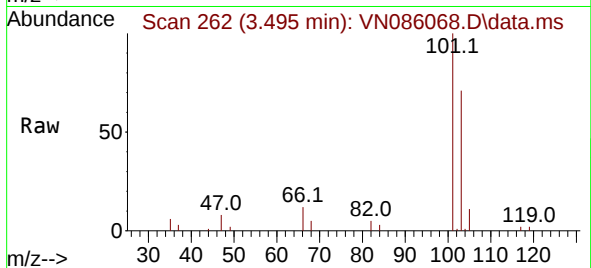
#7
Trichlorofluoromethane
Concen: 18.241 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
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Tgt Ion:101 Resp: 6392
Ion Ratio Lower Upper
101 100
103 70.8 51.7 77.5

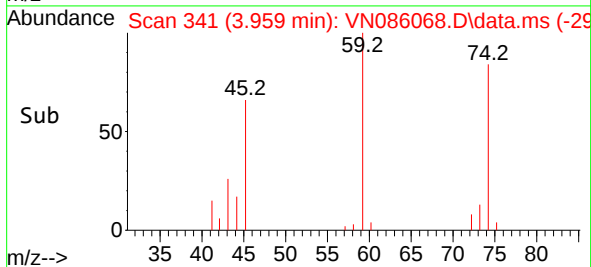
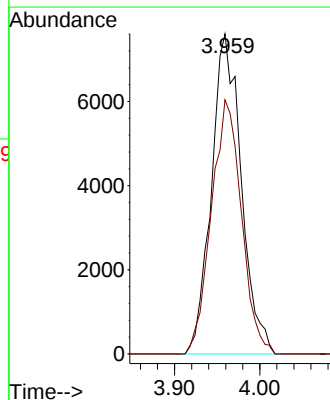
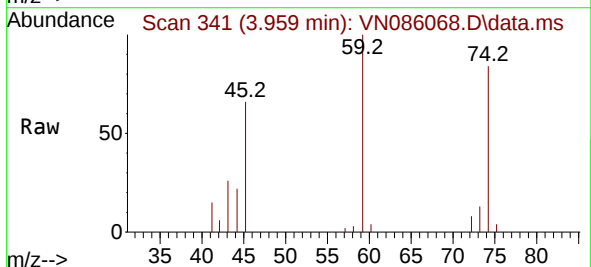
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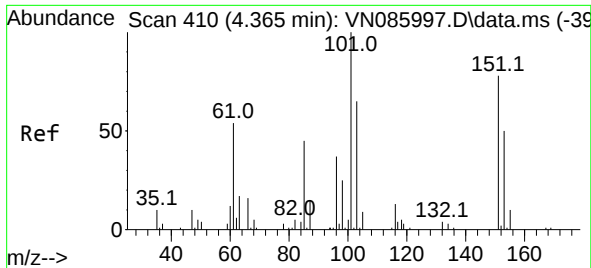
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#8
Diethyl Ether
Concen: 17.202 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion: 74 Resp: 18454
Ion Ratio Lower Upper
74 100
45 80.2 38.0 113.9





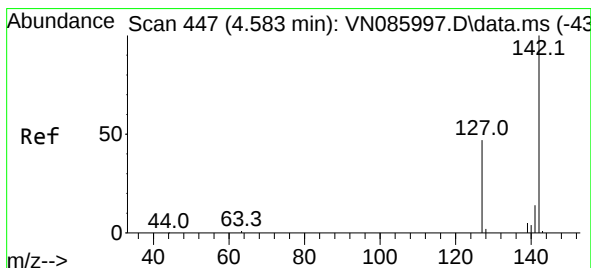
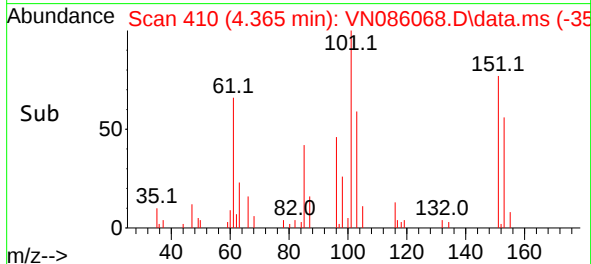
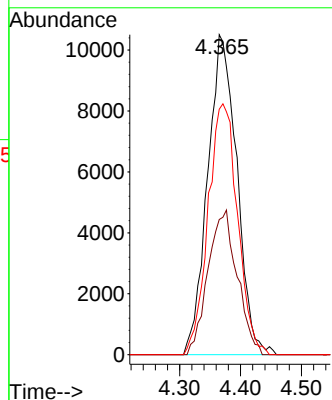
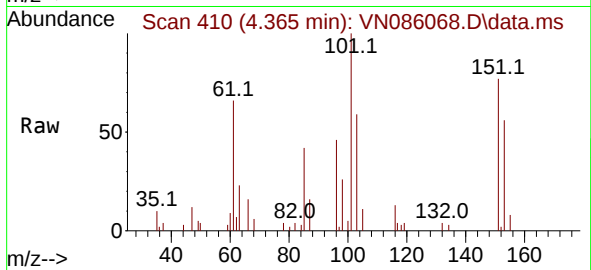
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.801 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion:101 Resp: 3501
Ion Ratio Lower Upper
101 100
85 45.1 36.5 54.7
151 79.3 63.4 95.0

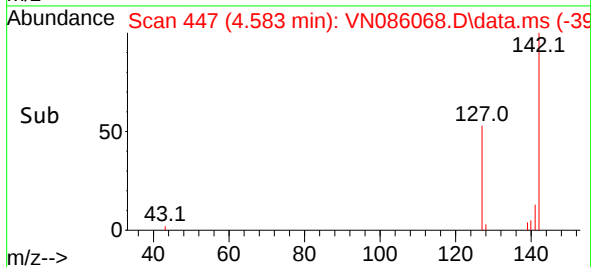
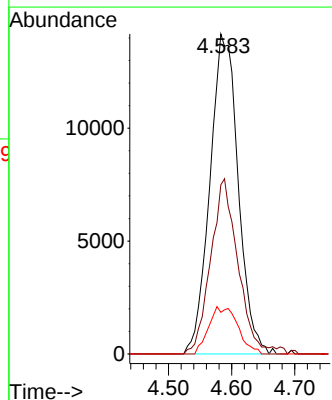
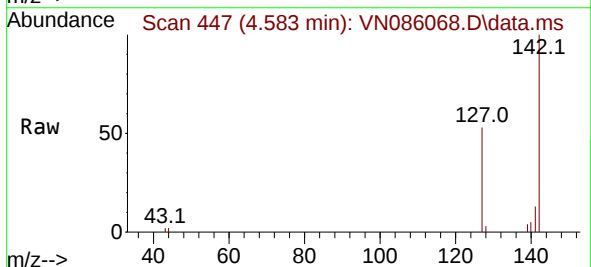
Manual Integrations
APPROVED

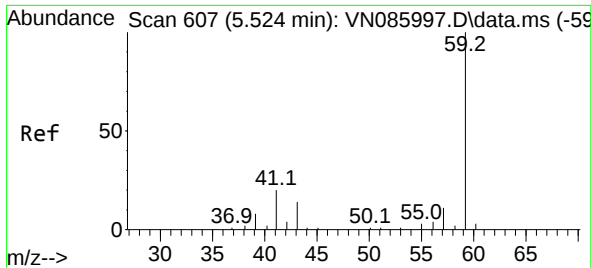
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#10
Methyl Iodide
Concen: 18.166 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

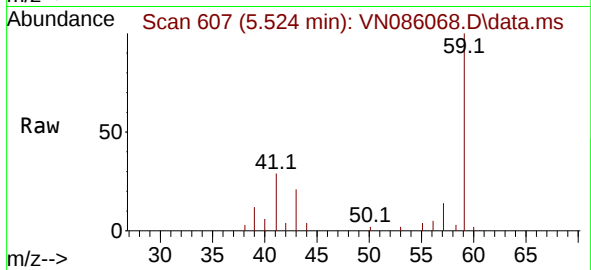
Tgt Ion:142 Resp: 44086
Ion Ratio Lower Upper
142 100
127 52.8 37.5 56.3
141 13.0 11.0 16.6





#11
Tert butyl alcohol
Concen: 77.865 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

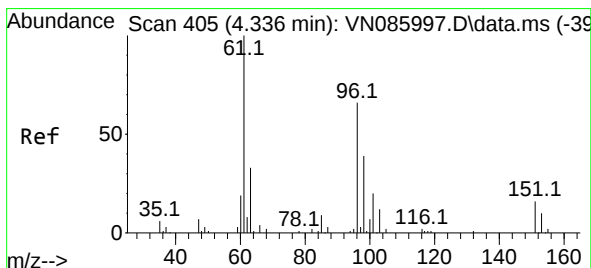
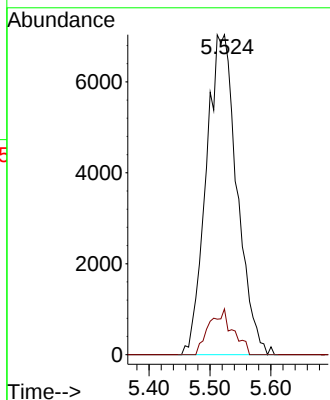
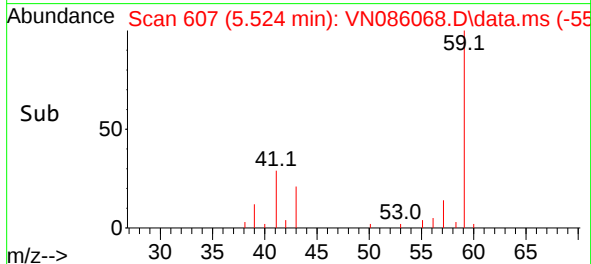
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



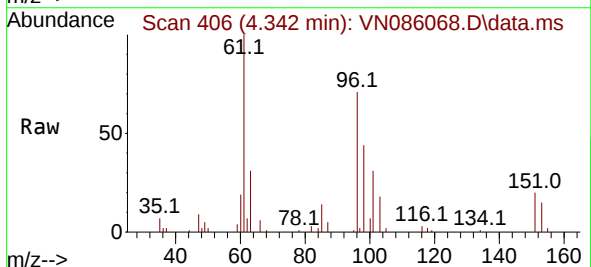
Tgt Ion: 59 Resp: 2478
Ion Ratio Lower Upper
59 100
57 11.0 7.9 11.9

Manual Integrations
APPROVED

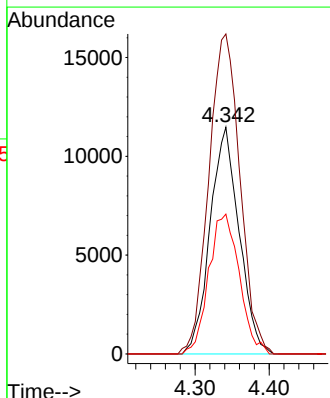
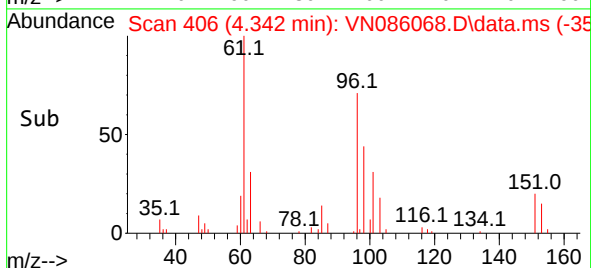
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

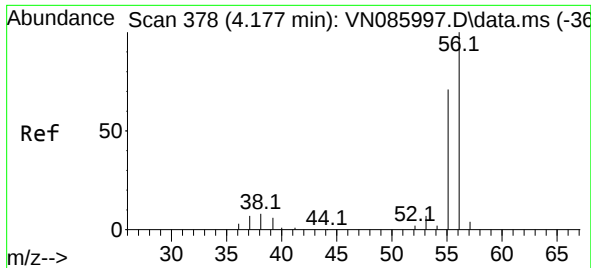


#12
1,1-Dichloroethene
Concen: 18.578 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



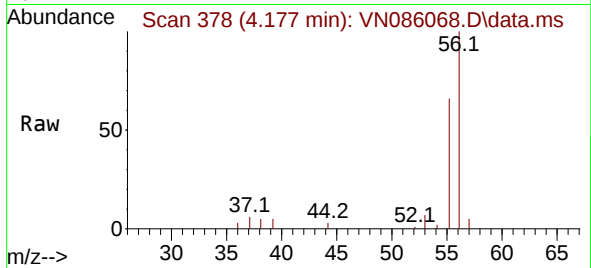
Tgt Ion: 96 Resp: 31244
Ion Ratio Lower Upper
96 100
61 141.1 120.5 180.7
98 61.7 47.4 71.0





#13
Acrolein
Concen: 94.393 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

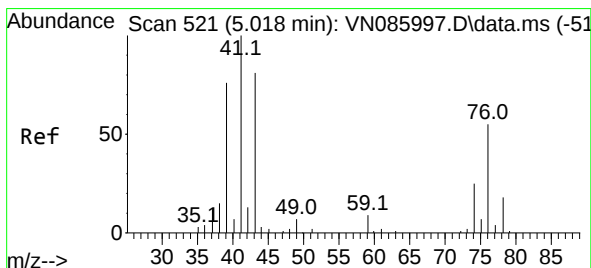
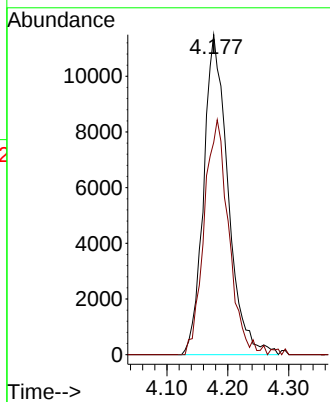
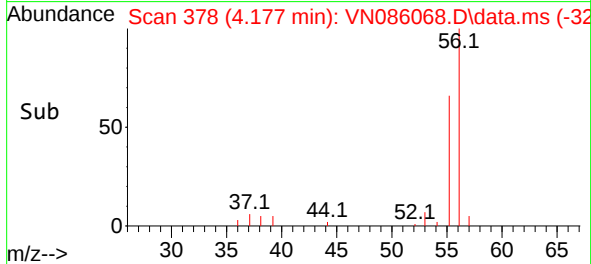
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



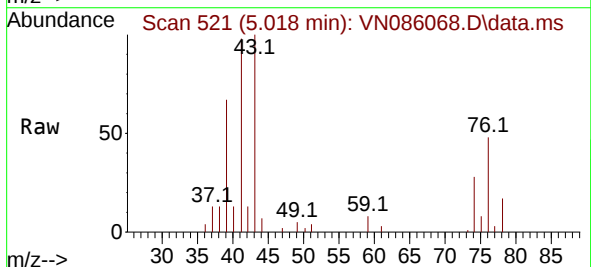
Tgt Ion: 56 Resp: 3204
Ion Ratio Lower Upper
56 100
55 73.5 55.1 82.7

Manual Integrations
APPROVED

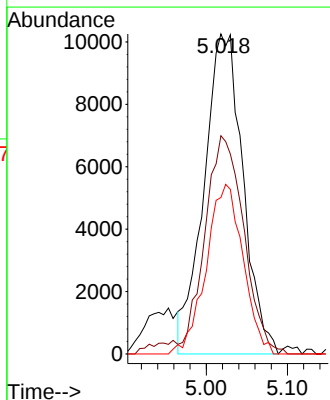
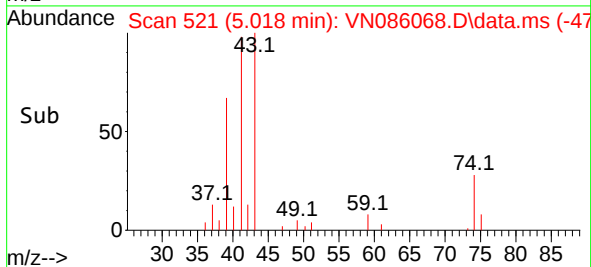
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

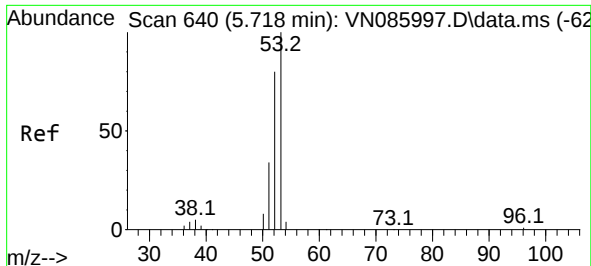


#14
Allyl chloride
Concen: 16.320 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



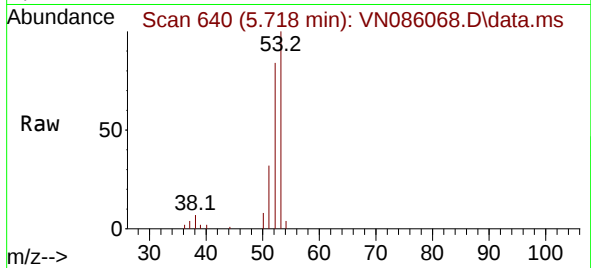
Tgt Ion: 41 Resp: 34241
Ion Ratio Lower Upper
41 100
39 70.5 55.5 83.3
76 50.0 39.1 58.7





#15
Acrylonitrile
Concen: 92.142 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

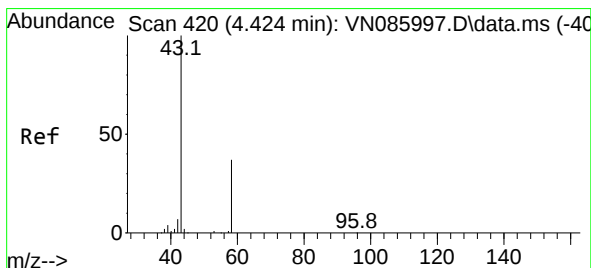
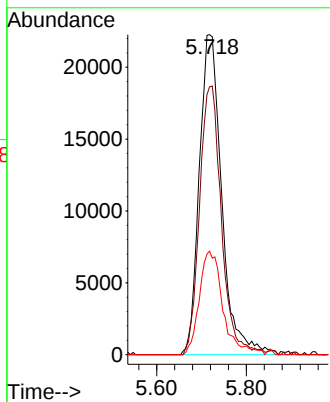
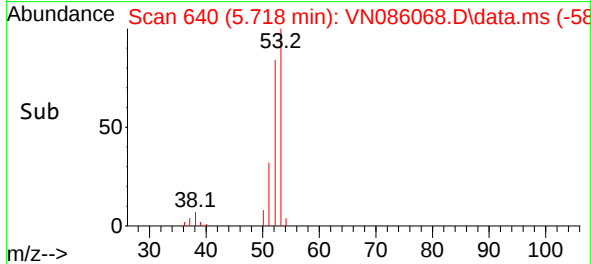
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



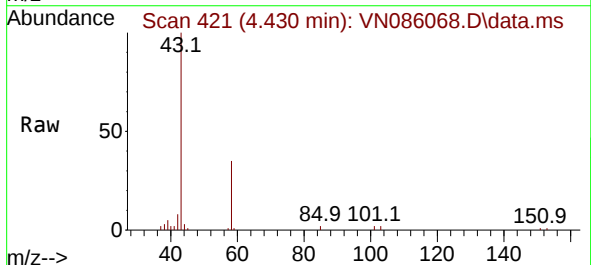
Tgt Ion: 53 Resp: 77440
Ion Ratio Lower Upper
53 100
52 81.6 63.9 95.9
51 34.0 27.1 40.7

Manual Integrations
APPROVED

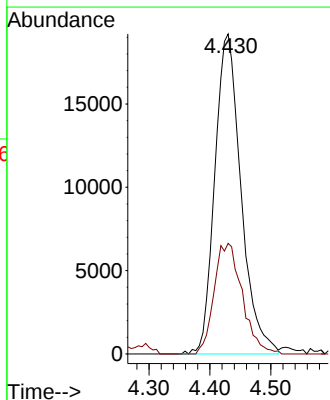
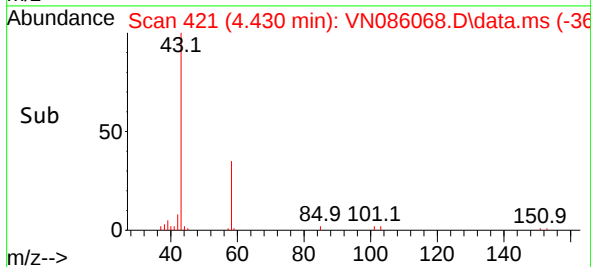
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

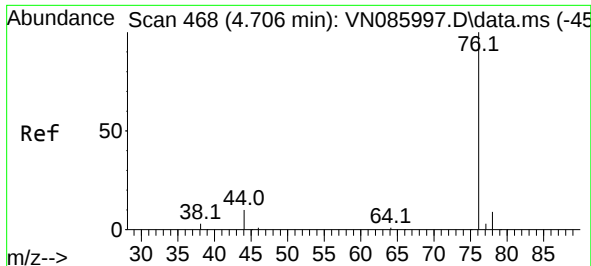


#16
Acetone
Concen: 83.598 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



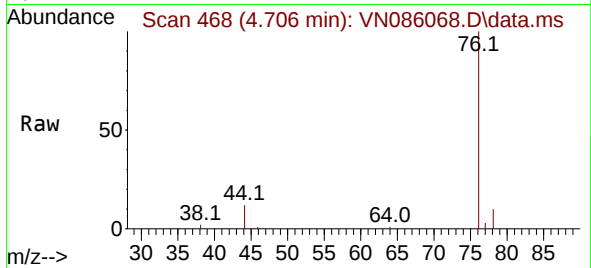
Tgt Ion: 43 Resp: 57410
Ion Ratio Lower Upper
43 100
58 34.6 29.4 44.2





#17
Carbon Disulfide
Concen: 16.707 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

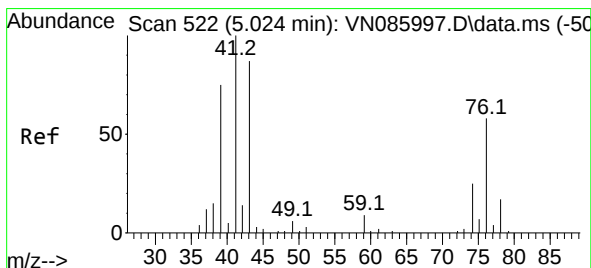
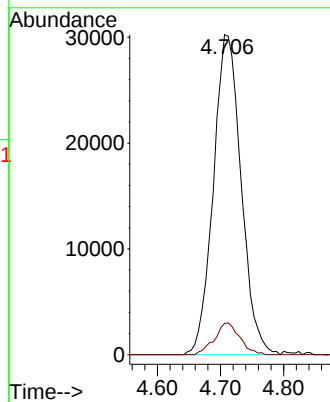
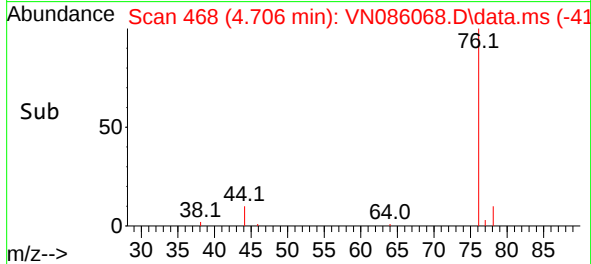
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



Tgt Ion: 76 Resp: 9240
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

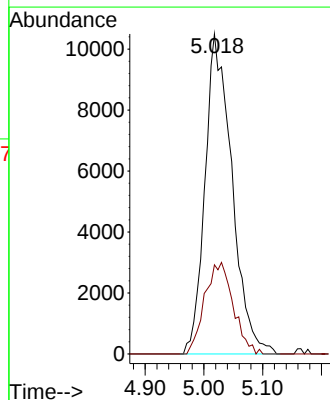
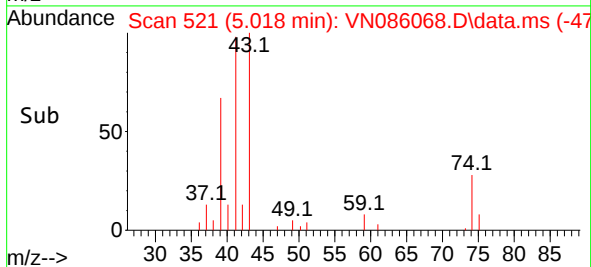
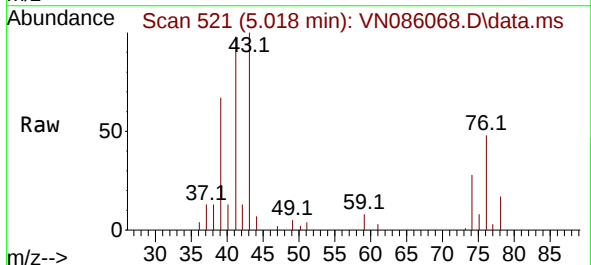
Manual Integrations
APPROVED

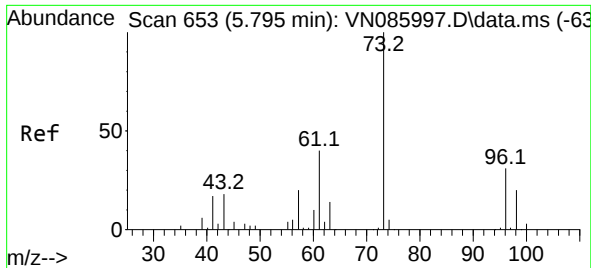
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#18
Methyl Acetate
Concen: 19.657 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

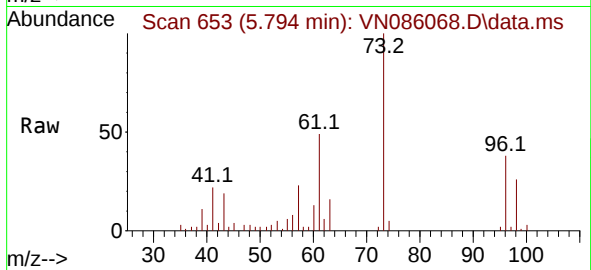
Tgt Ion: 43 Resp: 33399
Ion Ratio Lower Upper
43 100
74 30.2 23.9 35.9





#19
Methyl tert-butyl Ether
Concen: 17.578 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

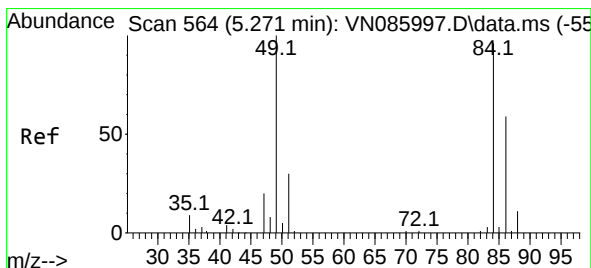
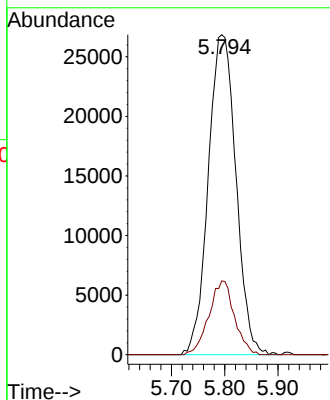
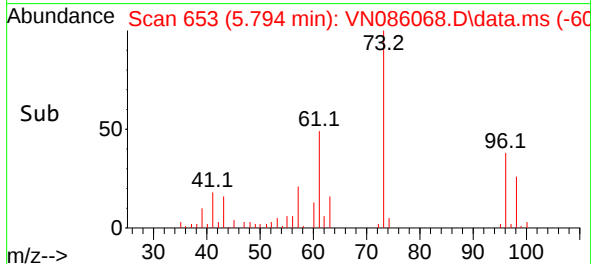
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



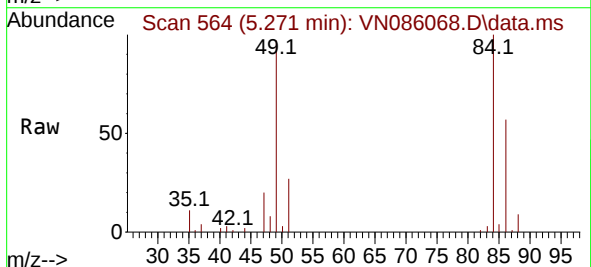
Tgt Ion: 73 Resp: 96872
Ion Ratio Lower Upper
73 100
57 23.0 16.1 24.1

Manual Integrations
APPROVED

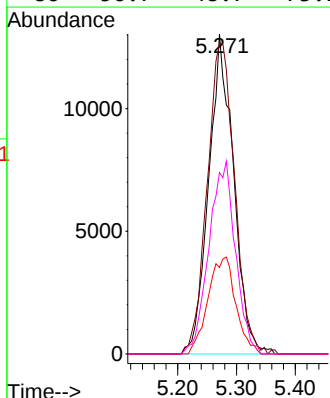
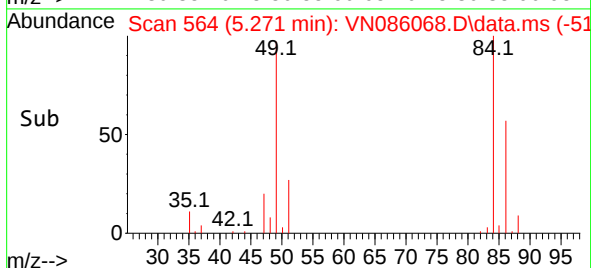
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

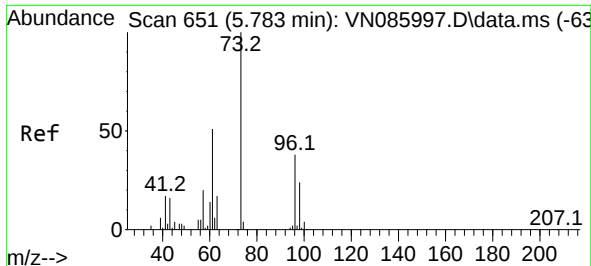


#20
Methylene Chloride
Concen: 19.028 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



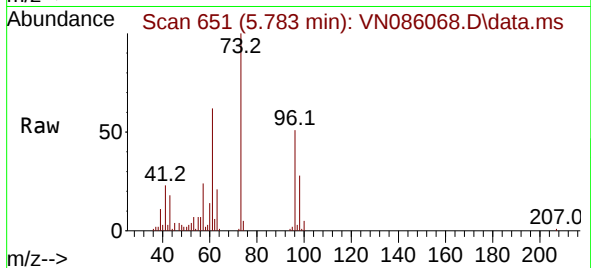
Tgt Ion: 84 Resp: 38228
Ion Ratio Lower Upper
84 100
49 97.1 83.3 124.9
51 27.1 24.8 37.2
86 56.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.145 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

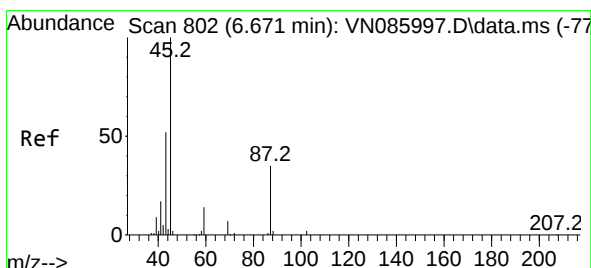
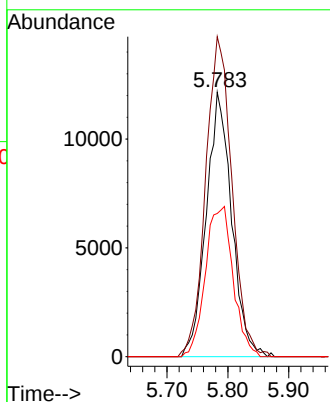
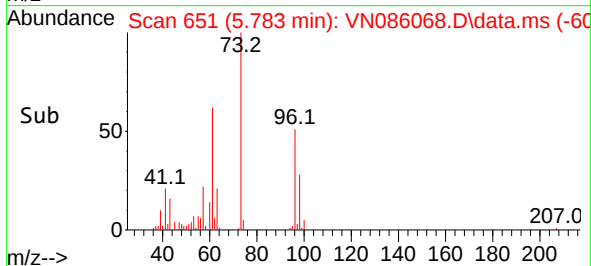
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



Tgt Ion: 96 Resp: 3518
Ion Ratio Lower Upper
96 100
61 121.0 106.6 160.0
98 54.1 50.0 75.0

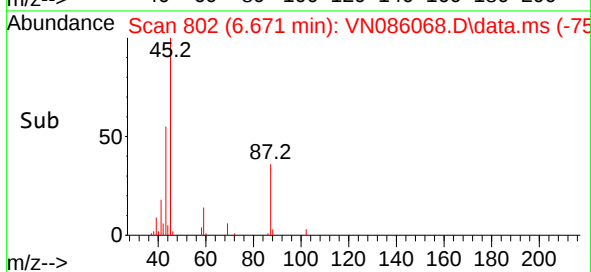
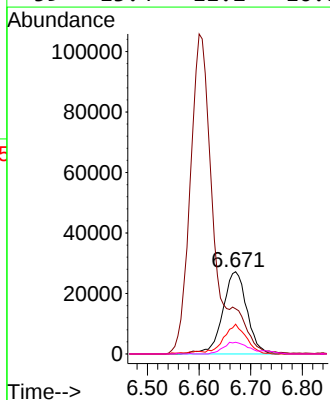
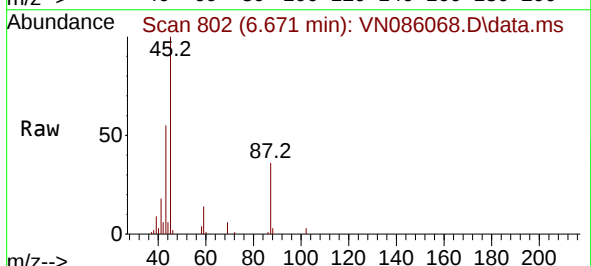
Manual Integrations
APPROVED

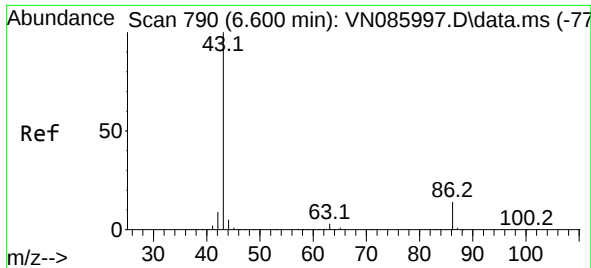
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#22
Diisopropyl ether
Concen: 19.671 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

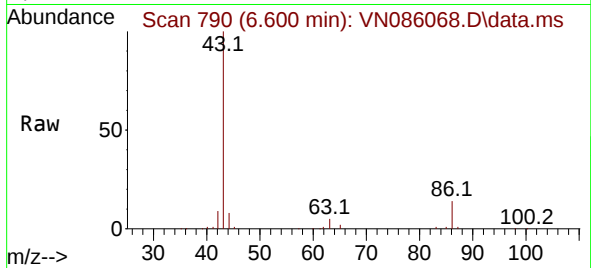
Tgt Ion: 45 Resp: 87950
Ion Ratio Lower Upper
45 100
43 53.2 41.2 61.8
87 36.1 28.5 42.7
59 13.4 11.2 16.8





#23
 Vinyl Acetate
 Concen: 90.287 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086068.D
 Acq: 24 Mar 2025 13:26

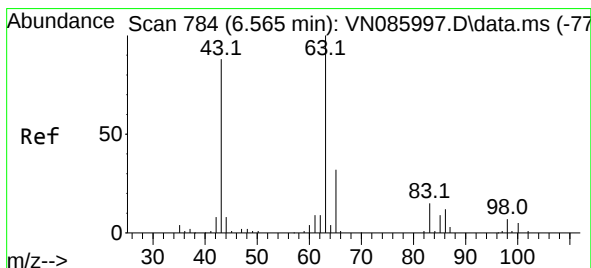
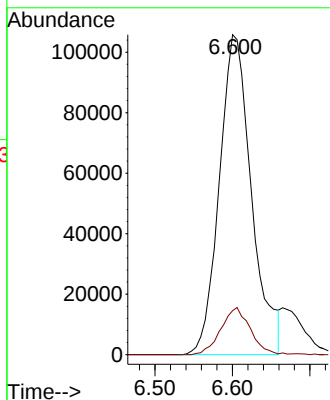
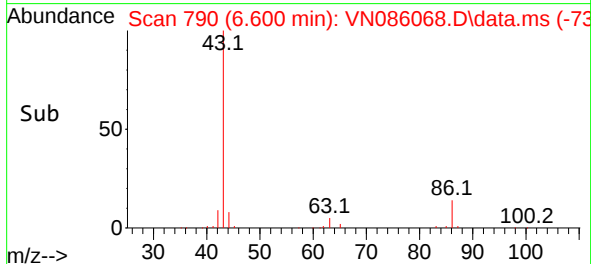
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324MBS01



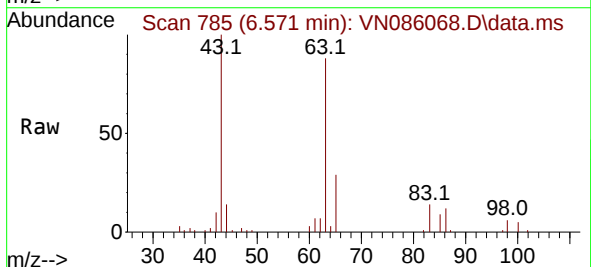
Tgt Ion: 43 Resp: 306012
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.2 16.8

Manual Integrations
 APPROVED

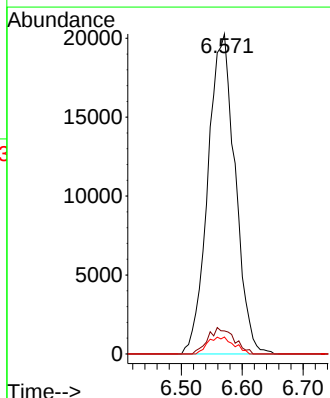
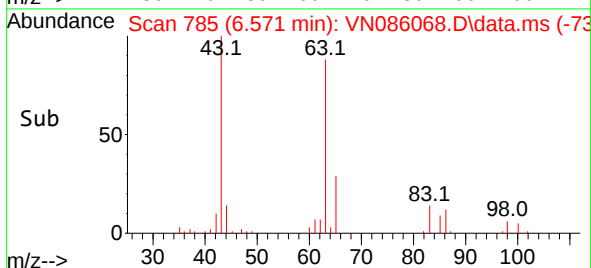
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

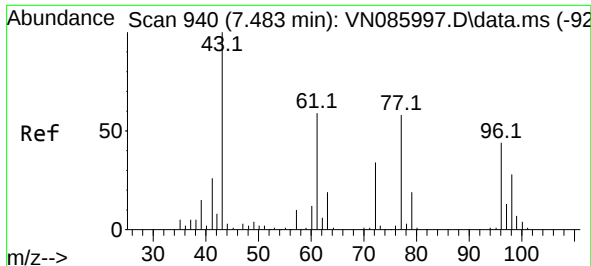


#24
 1,1-Dichloroethane
 Concen: 19.166 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086068.D
 Acq: 24 Mar 2025 13:26



Tgt Ion: 63 Resp: 63014
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 5.3 2.5 7.5





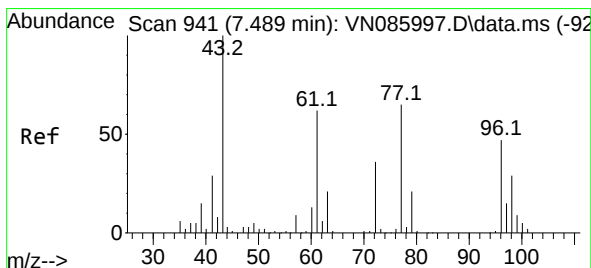
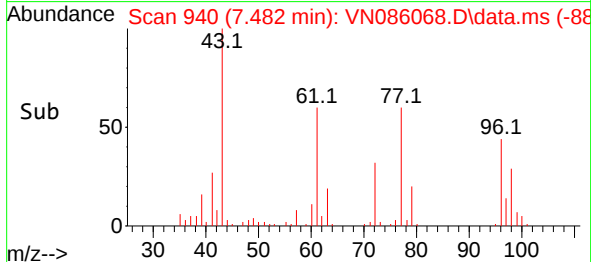
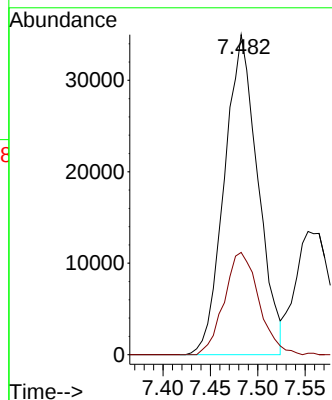
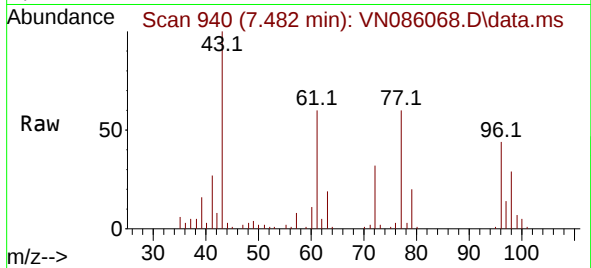
#25
2-Butanone
Concen: 86.997 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion: 43 Resp: 8620
Ion Ratio Lower Upper
43 100
72 32.0 27.4 41.0

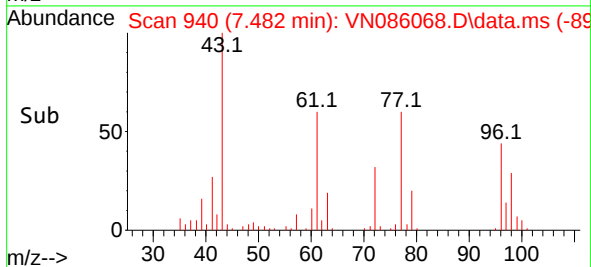
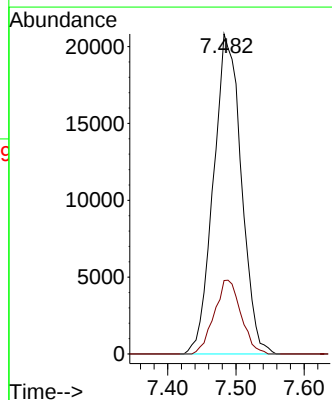
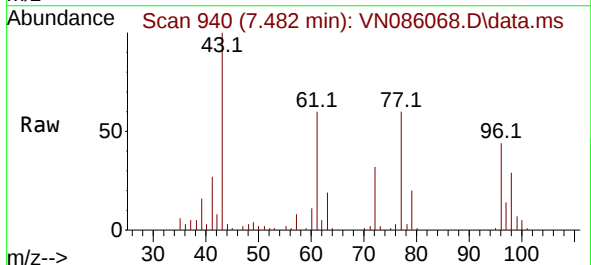
Manual Integrations
APPROVED

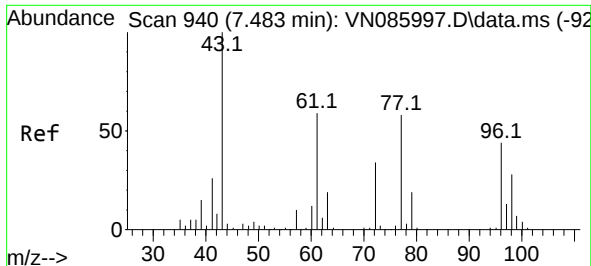
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#26
2,2-Dichloropropane
Concen: 18.703 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

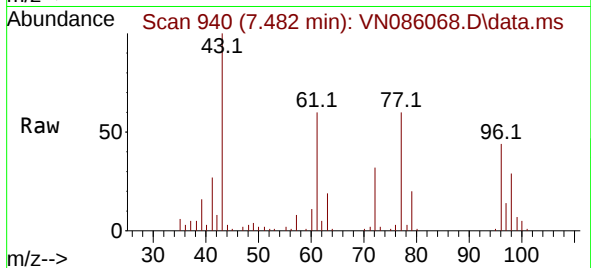
Tgt Ion: 77 Resp: 59200
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 18.873 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086068.D
 Acq: 24 Mar 2025 13:26

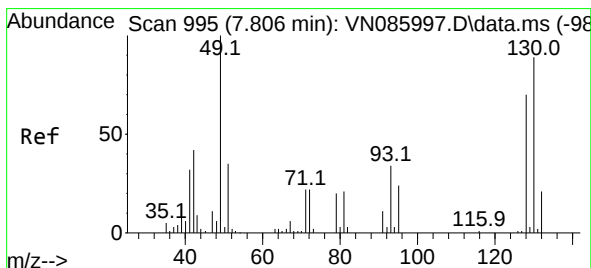
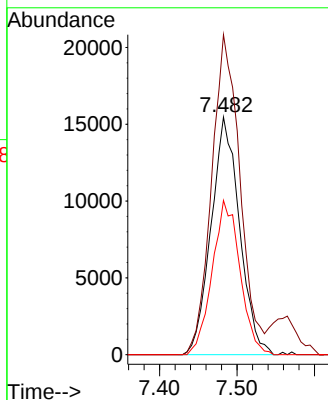
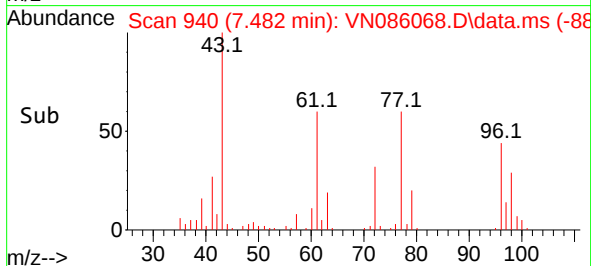
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324MBS01



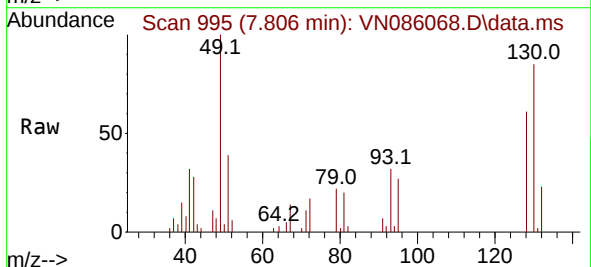
Tgt Ion: 96 Resp: 39418
 Ion Ratio Lower Upper
 96 100
 61 134.4 0.0 272.8
 98 63.5 0.0 124.8

Manual Integrations
 APPROVED

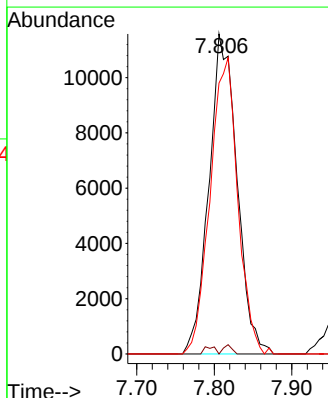
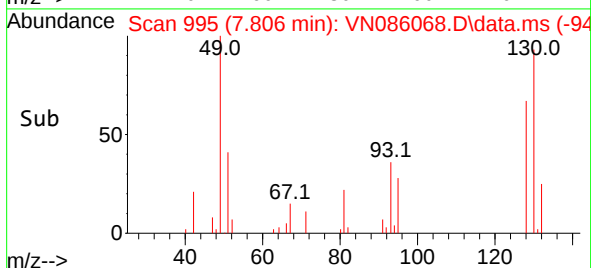
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

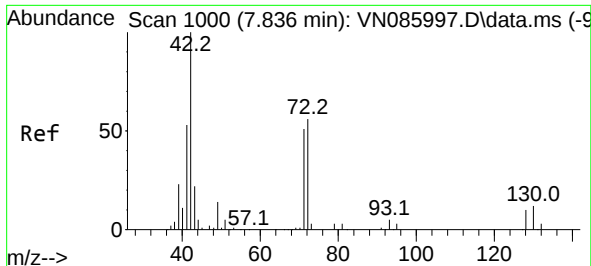


#28
 Bromochloromethane
 Concen: 20.916 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN086068.D
 Acq: 24 Mar 2025 13:26



Tgt Ion: 49 Resp: 29135
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.2
 130 91.3 74.2 111.4





#29

Tetrahydrofuran

Concen: 95.260 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0324MBS01

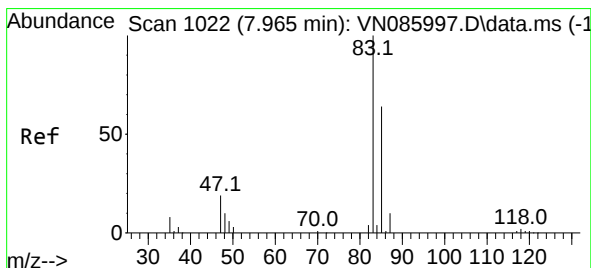
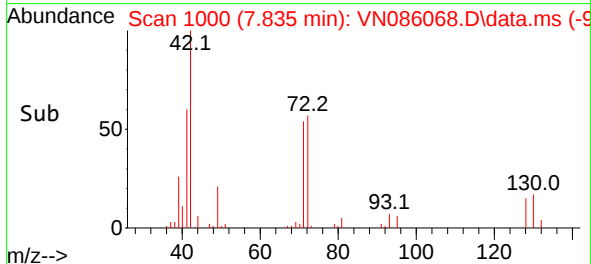
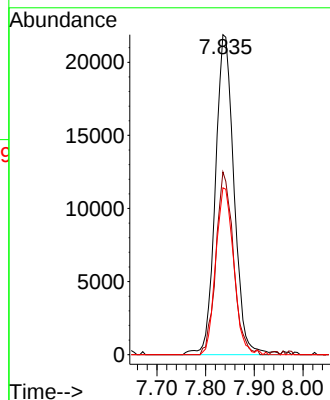
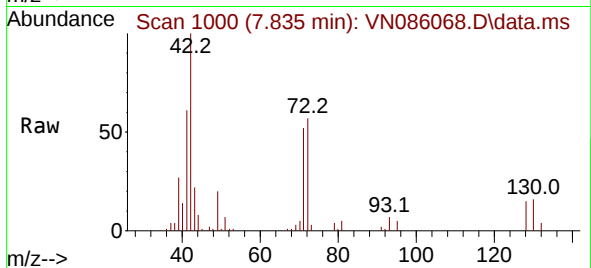
Tgt Ion:	42	Resp:	58270
Ion	Ratio	Lower	Upper
42	100		
72	53.4	45.0	67.4
71	50.0	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#30

Chloroform

Concen: 19.658 ug/l

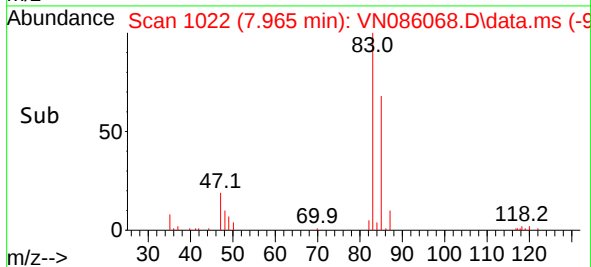
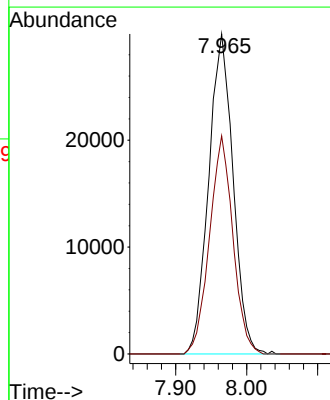
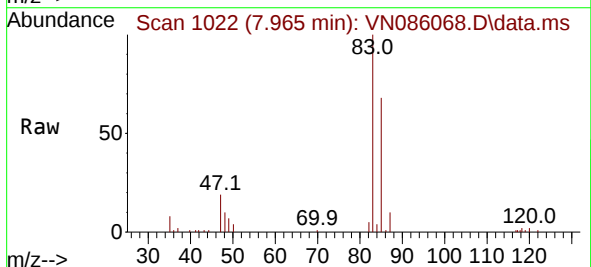
RT: 7.965 min Scan# 1022

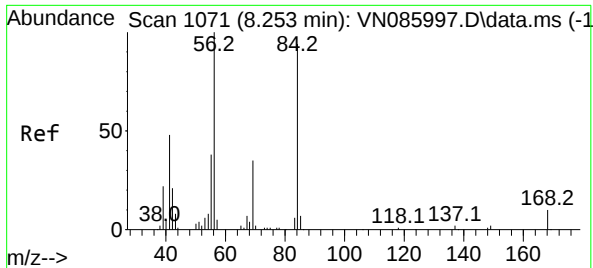
Delta R.T. -0.000 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

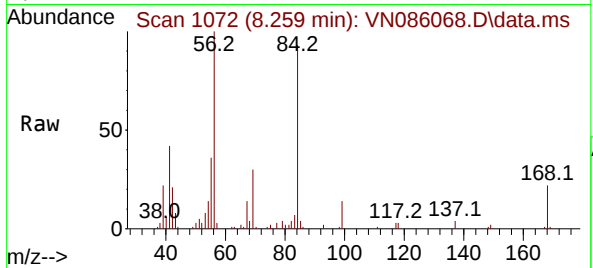
Tgt Ion:	83	Resp:	71438
Ion	Ratio	Lower	Upper
83	100		
85	68.2	51.5	77.3





#31
Cyclohexane
Concen: 17.778 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

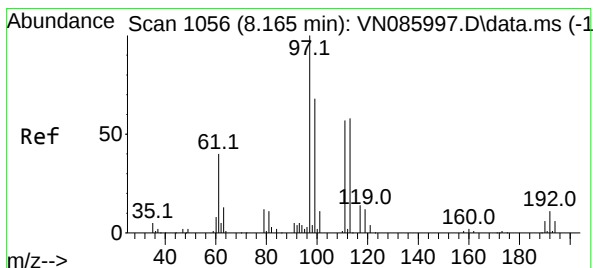
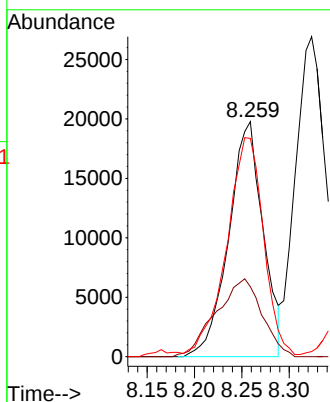
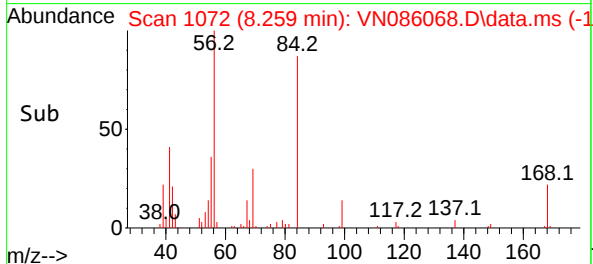
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



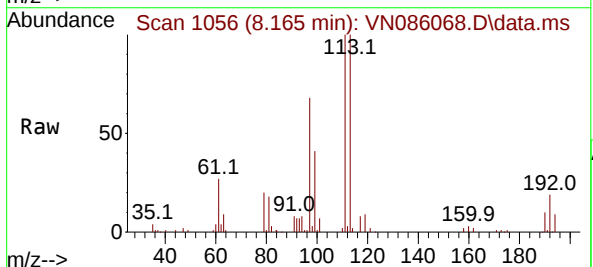
Tgt Ion: 56 Resp: 49794
Ion Ratio Lower Upper
56 100
69 28.7 28.0 42.0
84 91.0 75.0 112.6

Manual Integrations
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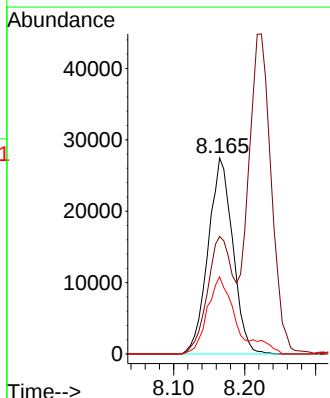
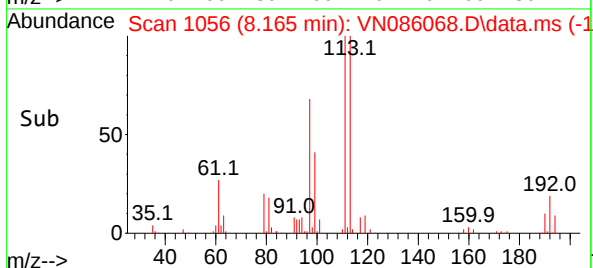
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

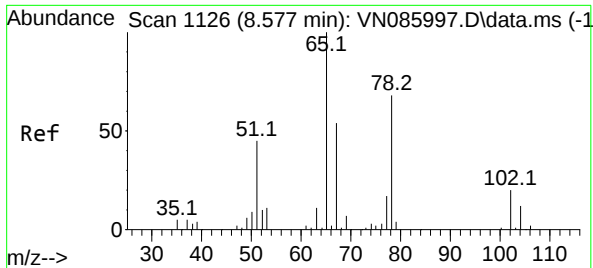


#32
1,1,1-Trichloroethane
Concen: 19.249 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



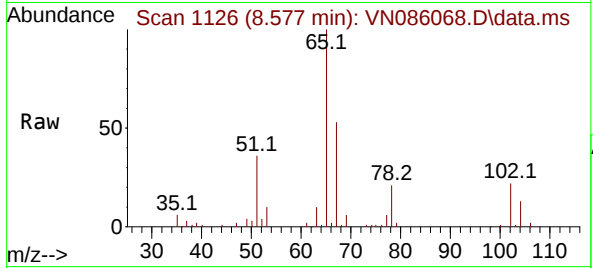
Tgt Ion: 97 Resp: 66217
Ion Ratio Lower Upper
97 100
99 61.1 52.8 79.2
61 40.8 33.6 50.4





#33
 1,2-Dichloroethane-d4
 Concen: 52.083 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086068.D
 Acq: 24 Mar 2025 13:26

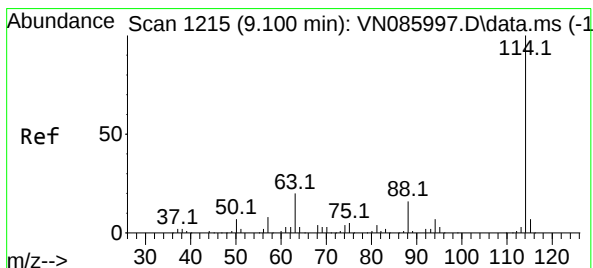
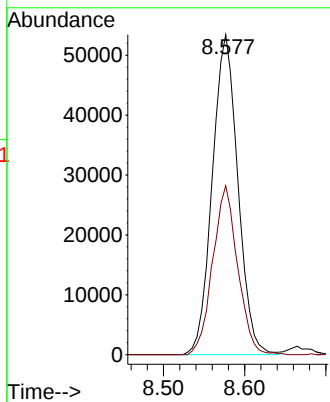
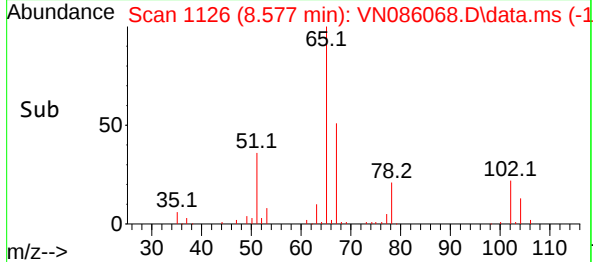
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324MBS01



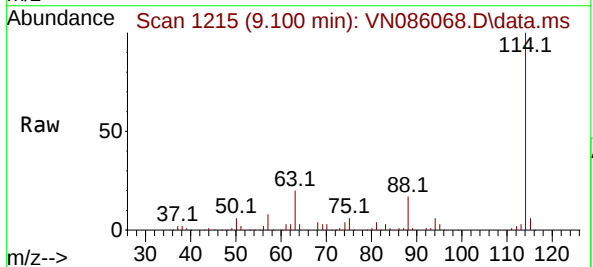
Tgt Ion: 65 Resp: 117074
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.2

Manual Integrations
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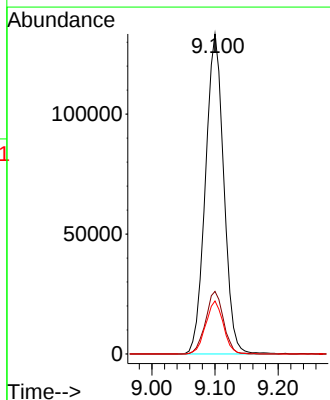
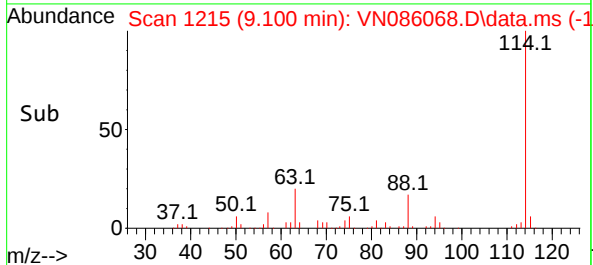
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

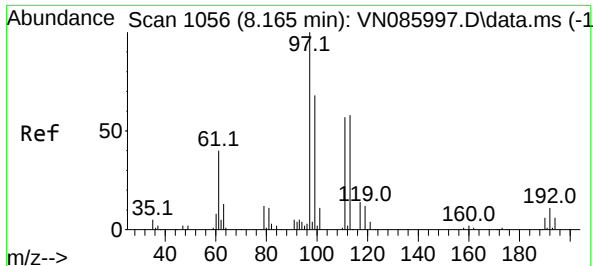


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086068.D
 Acq: 24 Mar 2025 13:26



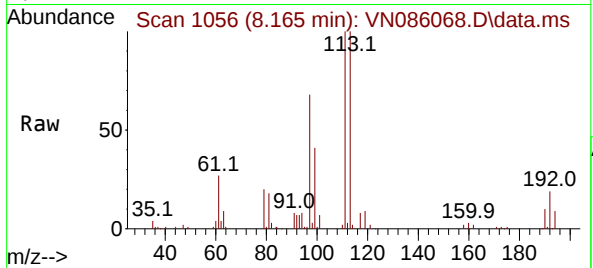
Tgt Ion:114 Resp: 268416
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.6
 88 16.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.736 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

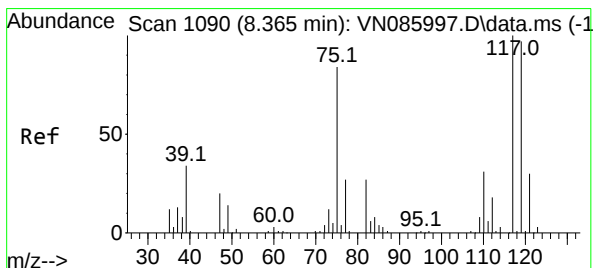
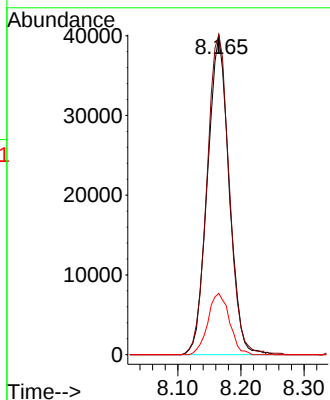
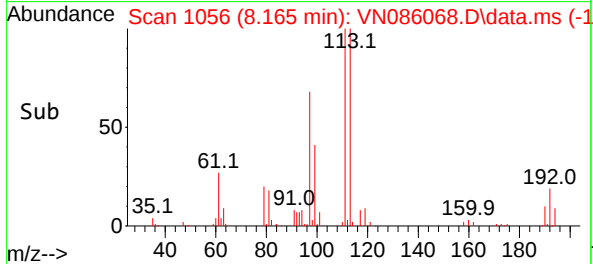
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



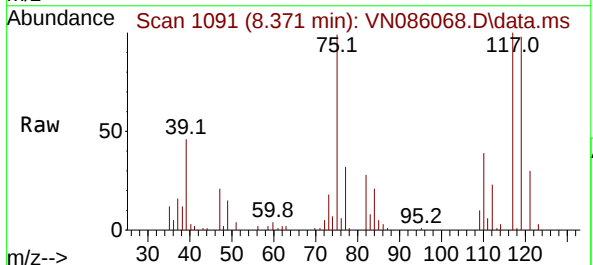
Tgt Ion: 113 Resp: 95054
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 19.2 15.9 23.9

Manual Integrations
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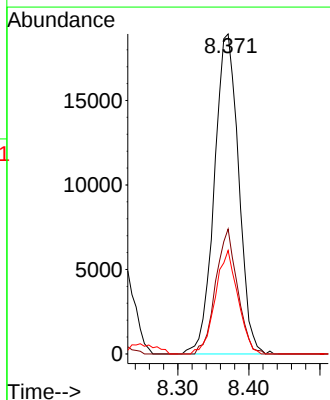
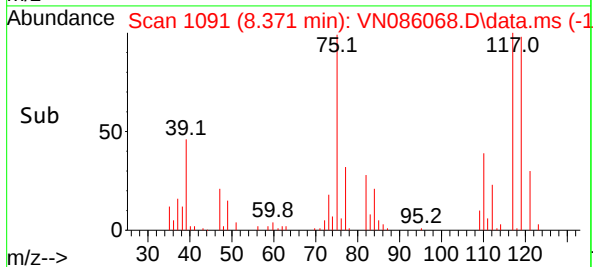
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

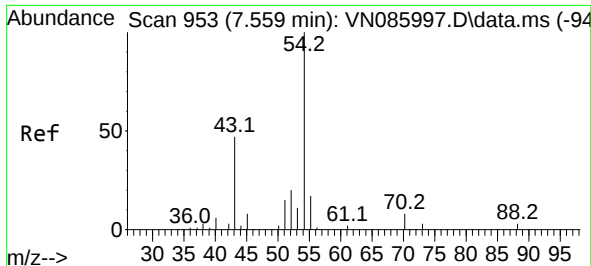


#36
1,1-Dichloropropene
Concen: 18.189 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



Tgt Ion: 75 Resp: 44872
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.3
77 30.3 25.0 37.4





#37

Ethyl Acetate

Concen: 17.674 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0324MBS01

Tgt Ion: 43 Resp: 3678

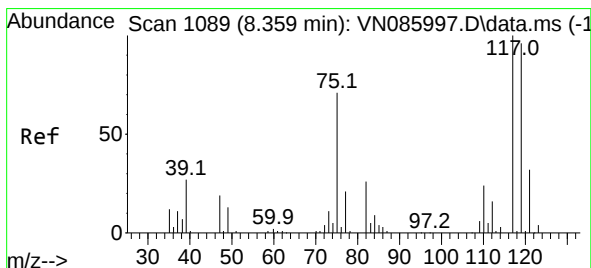
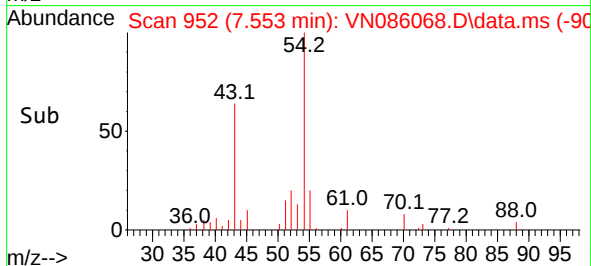
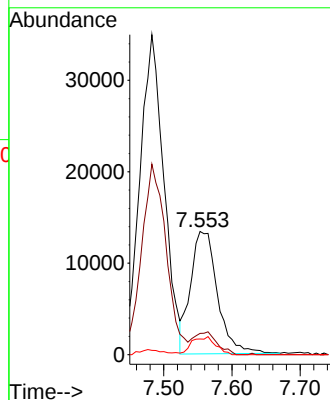
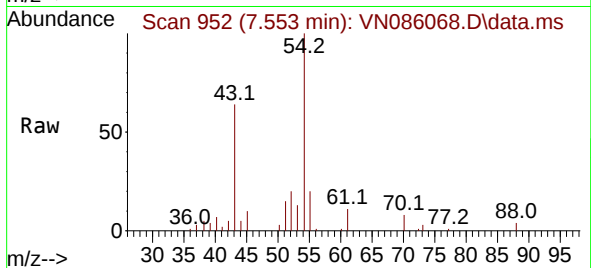
Ion	Ratio	Lower	Upper
43	100		
61	16.1	13.0	19.4
70	12.8	11.0	16.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#38

Carbon Tetrachloride

Concen: 18.518 ug/l

RT: 8.359 min Scan# 1089

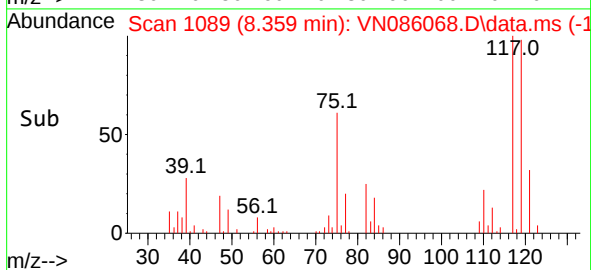
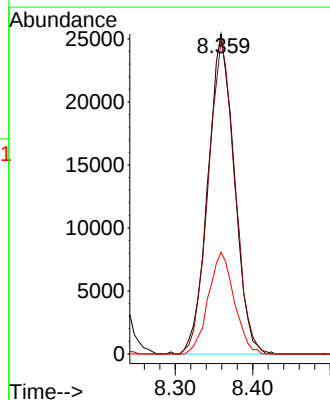
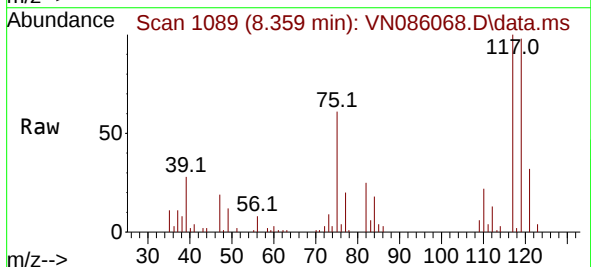
Delta R.T. -0.000 min

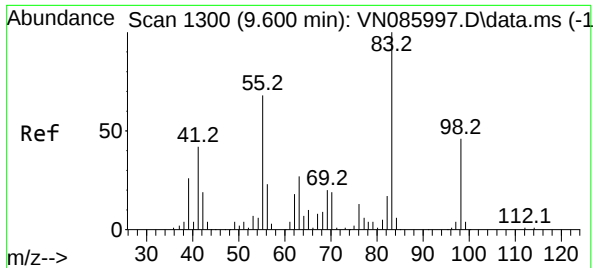
Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Tgt Ion:117 Resp: 60064

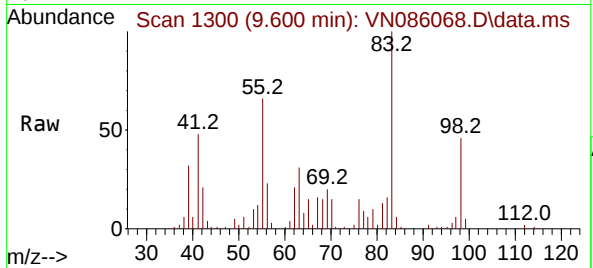
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.0	115.4
121	31.8	25.6	38.4





#39
Methylcyclohexane
Concen: 16.918 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

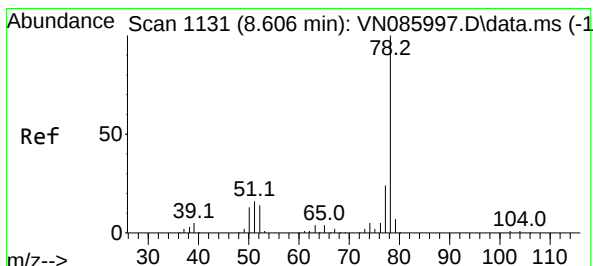
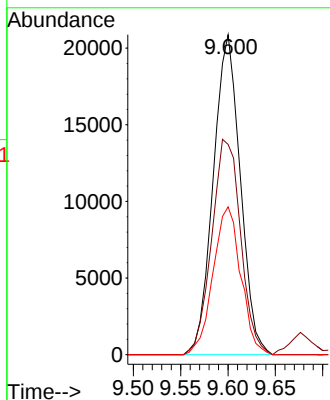
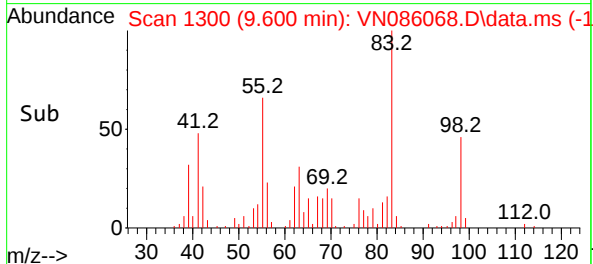
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



Tgt Ion: 83 Resp: 4140
Ion Ratio Lower Upper
83 100
55 65.7 54.2 81.2
98 46.2 37.1 55.7

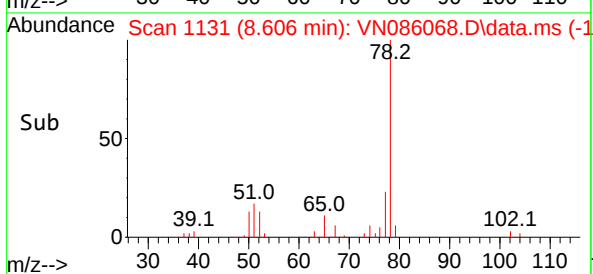
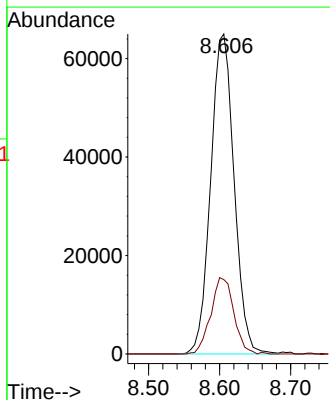
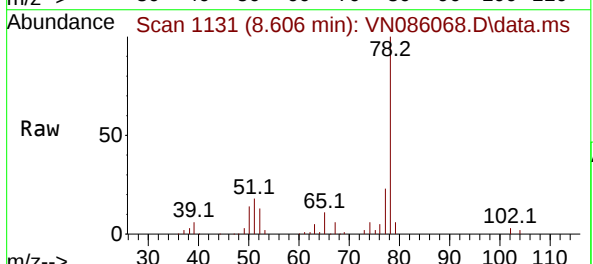
Manual Integrations
APPROVED

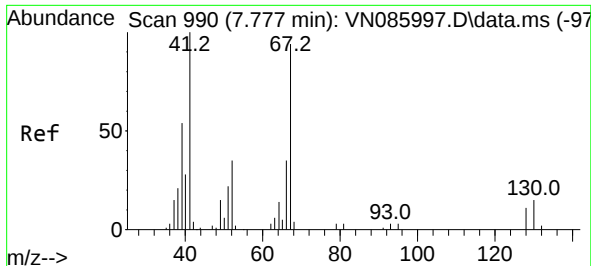
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#40
Benzene
Concen: 19.200 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

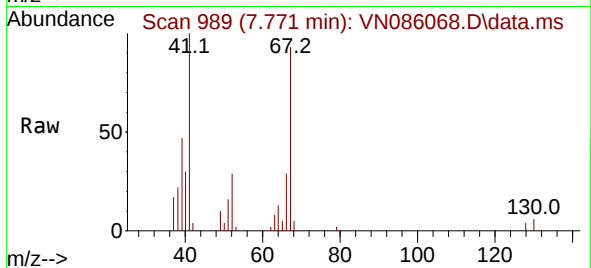
Tgt Ion: 78 Resp: 148693
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3





#41
Methacrylonitrile
Concen: 17.824 ug/l
RT: 7.771 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

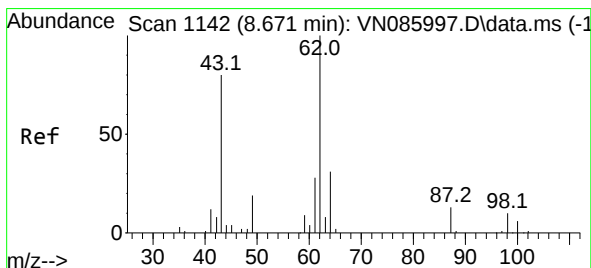
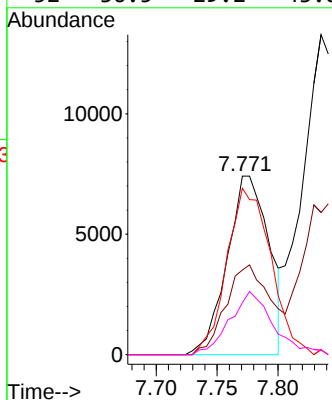
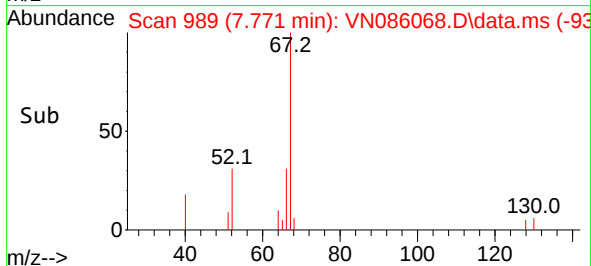
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



Tgt Ion: 41	Resp: 1771
Ion Ratio	Lower Upper
41 100	
39 55.0	46.2 69.2
67 98.4	75.9 113.9
52 36.5	29.2 43.8

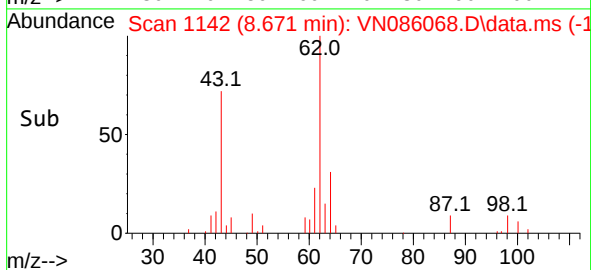
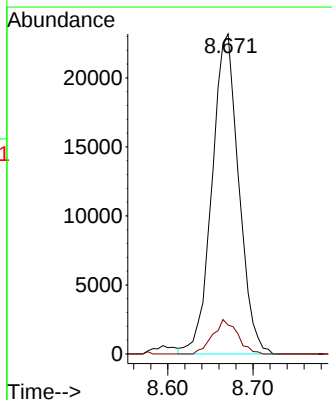
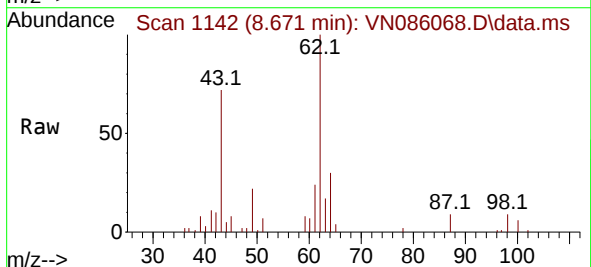
Manual Integrations
APPROVED

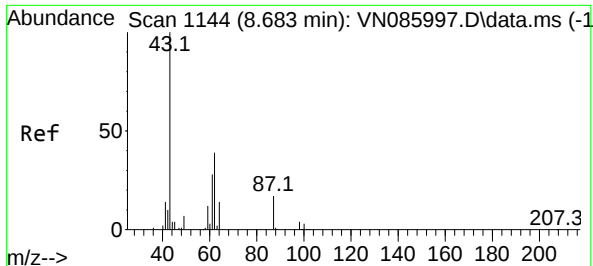
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#42
1,2-Dichloroethane
Concen: 18.780 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion: 62	Resp: 50677
Ion Ratio	Lower Upper
62 100	
98 9.9	0.0 18.6





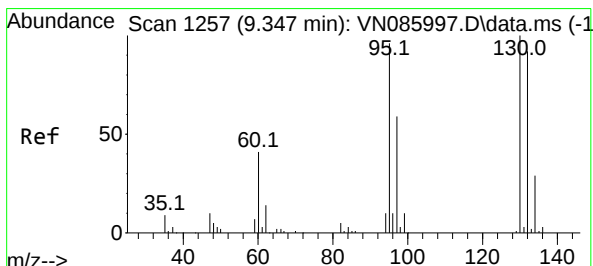
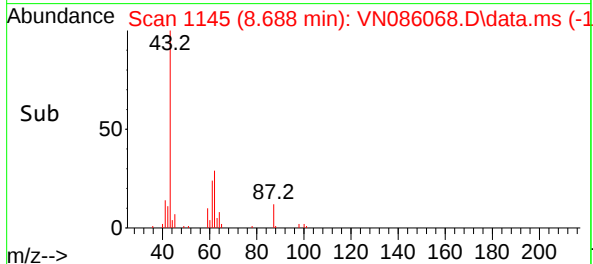
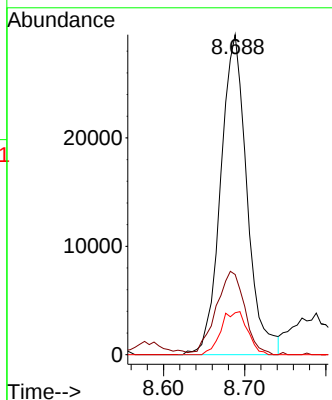
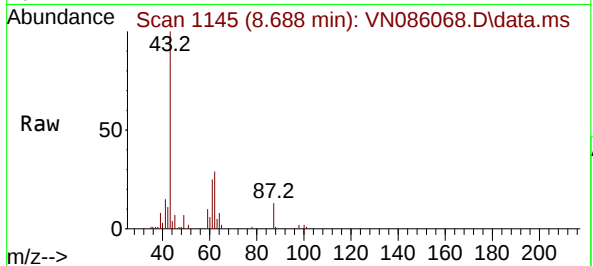
#43
Isopropyl Acetate
Concen: 14.737 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion: 43 Resp: 66464
Ion Ratio Lower Upper
43 100
61 28.4 25.0 37.6
87 13.6 13.0 19.4

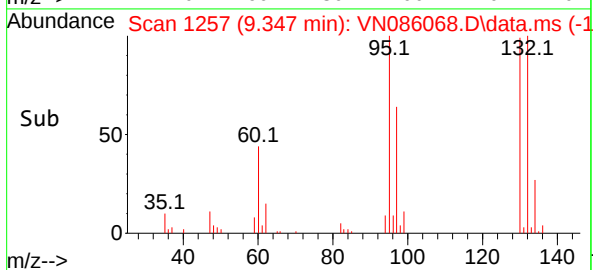
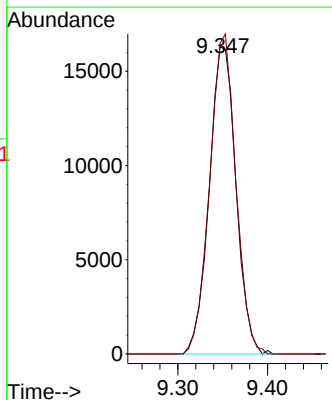
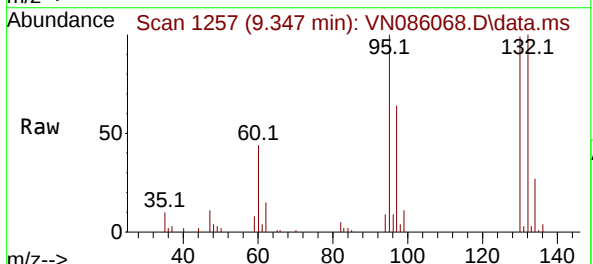
Manual Integrations
APPROVED

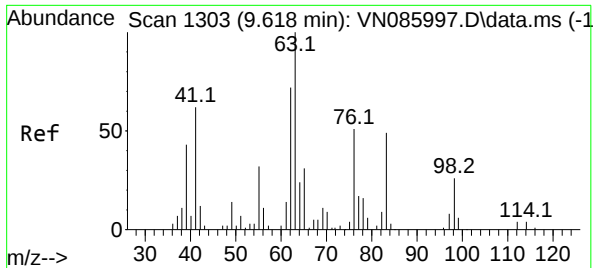
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#44
Trichloroethene
Concen: 16.800 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion:130 Resp: 33721
Ion Ratio Lower Upper
130 100
95 101.1 0.0 191.6





#45

1,2-Dichloropropane

Concen: 19.730 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0324MBS01

Tgt Ion: 63 Resp: 3475

Ion Ratio Lower Upper

63 100

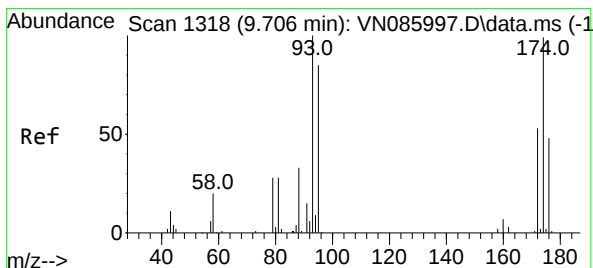
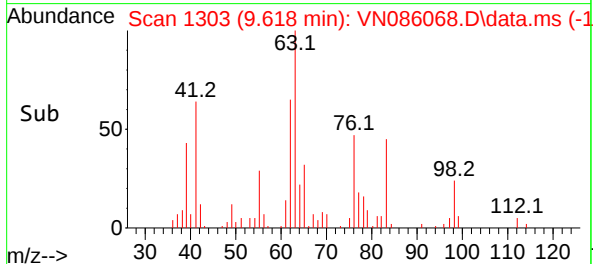
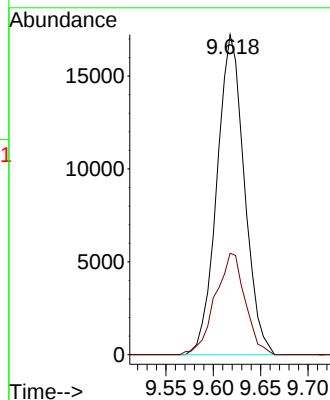
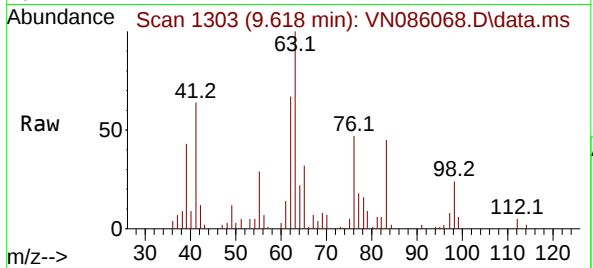
65 31.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#46

Dibromomethane

Concen: 19.164 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

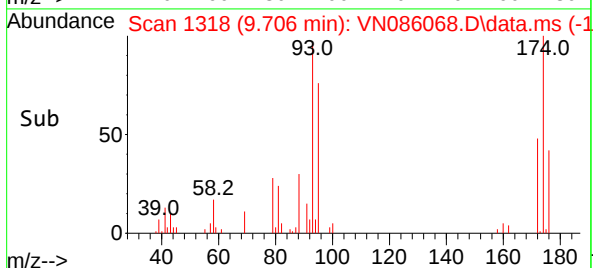
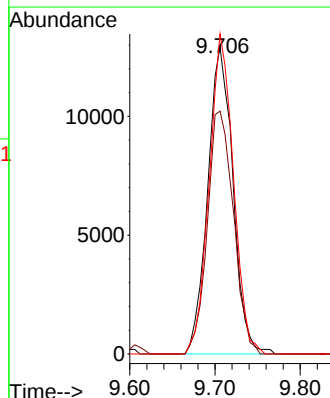
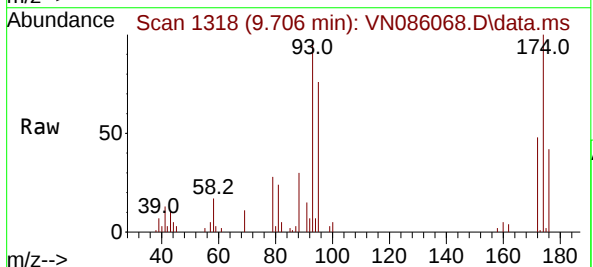
Tgt Ion: 93 Resp: 26546

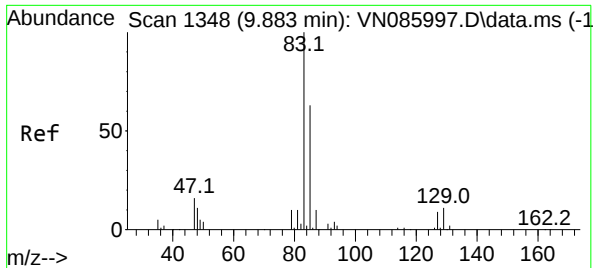
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.2

174 100.4 80.1 120.1





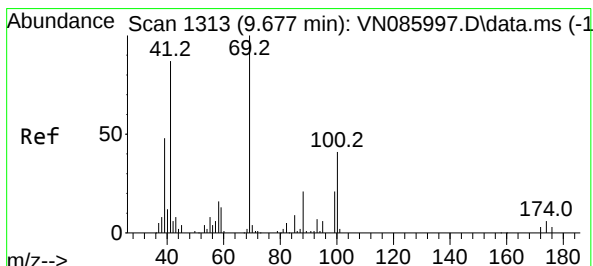
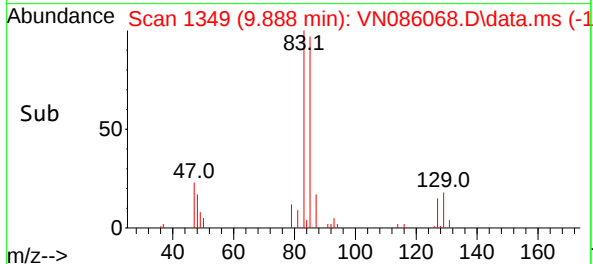
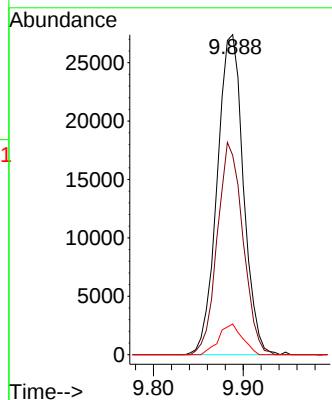
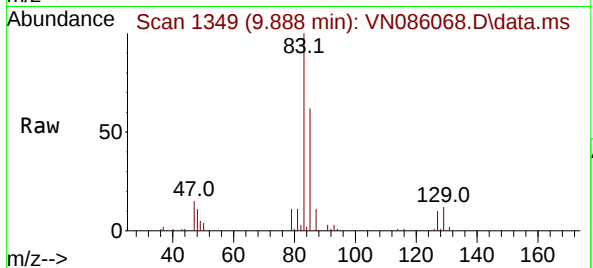
#47
Bromodichloromethane
Concen: 19.214 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion: 83 Resp: 55620
Ion Ratio Lower Upper
83 100
85 62.3 50.2 75.2
127 9.6 7.1 10.7

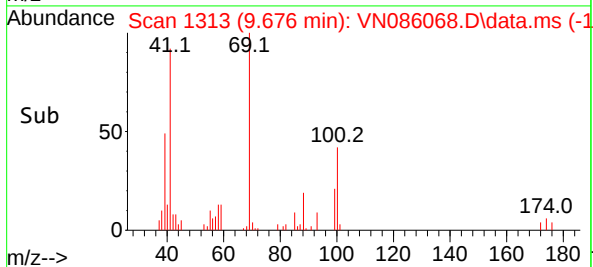
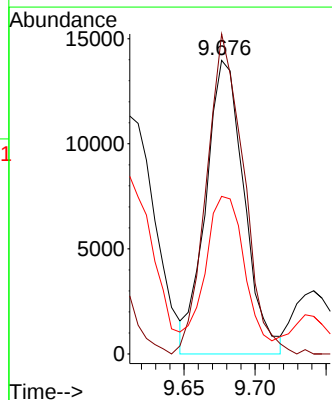
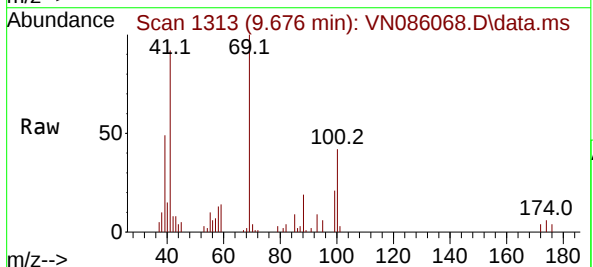
Manual Integrations
APPROVED

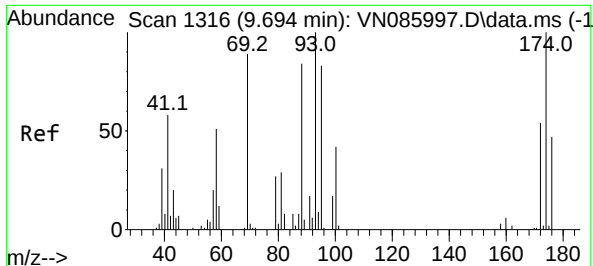
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#48
Methyl methacrylate
Concen: 17.652 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

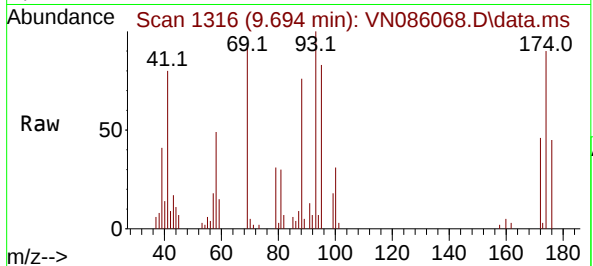
Tgt Ion: 41 Resp: 26270
Ion Ratio Lower Upper
41 100
69 105.6 83.1 124.7
39 56.3 45.6 68.4





#49
1,4-Dioxane
Concen: 373.271 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

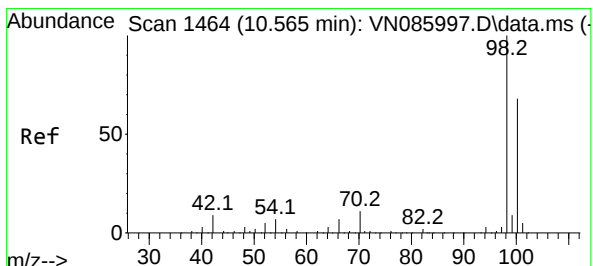
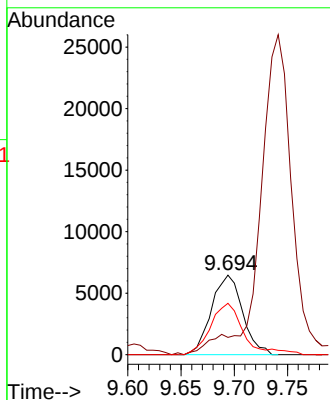
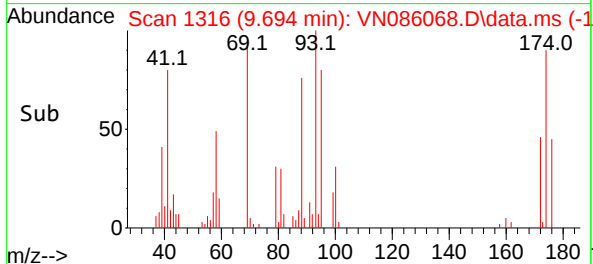
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



Tgt Ion: 88 Resp: 13132
Ion Ratio Lower Upper
88 100
43 18.7 21.7 32.5
58 68.4 50.4 75.6

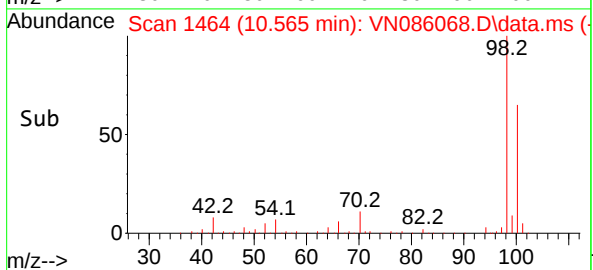
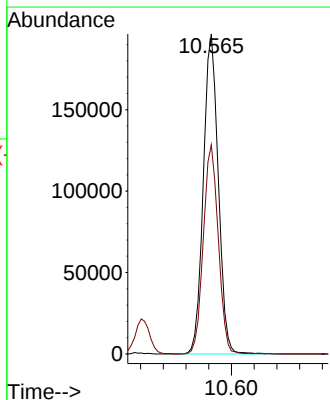
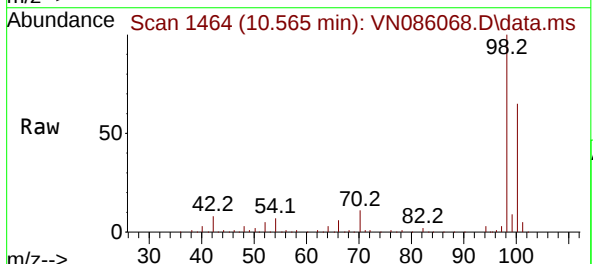
Manual Integrations
APPROVED

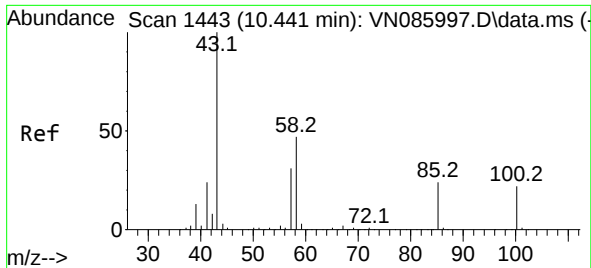
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#50
Toluene-d8
Concen: 52.510 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion: 98 Resp: 357045
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





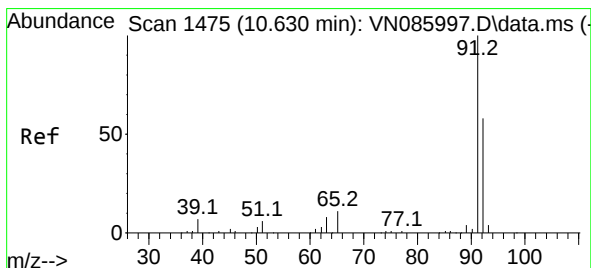
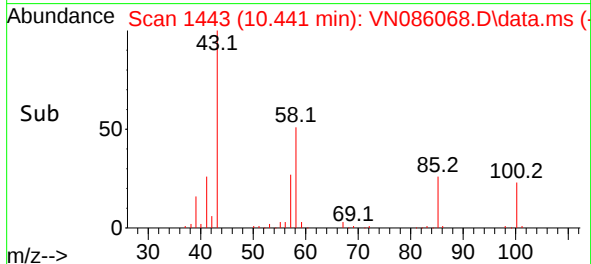
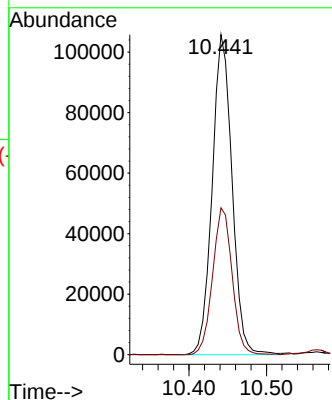
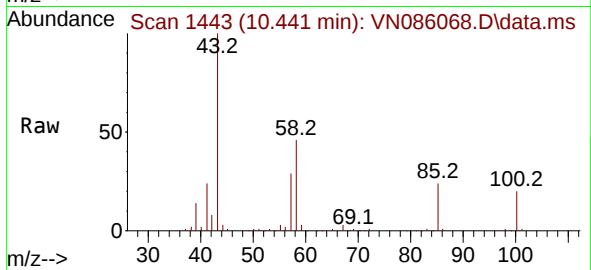
#51
4-Methyl-2-Pentanone
Concen: 94.590 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion: 43 Resp: 18813
Ion Ratio Lower Upper
43 100
58 45.1 37.4 56.0

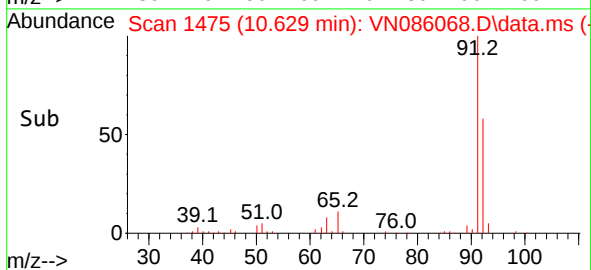
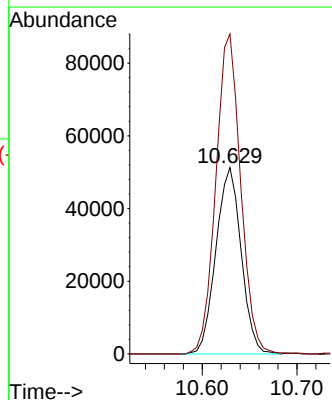
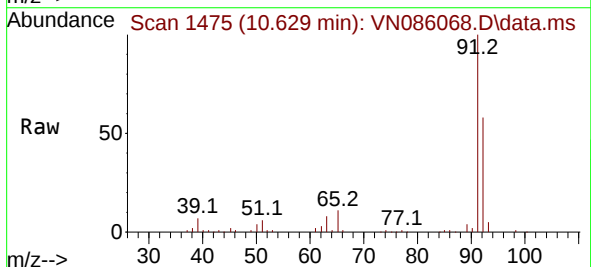
Manual Integrations
APPROVED

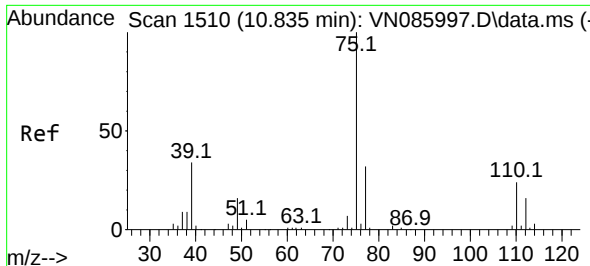
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#52
Toluene
Concen: 19.958 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

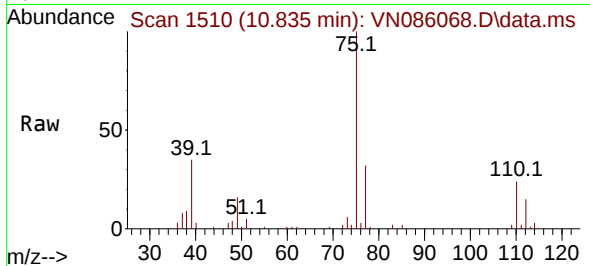
Tgt Ion: 92 Resp: 94860
Ion Ratio Lower Upper
92 100
91 169.5 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 18.066 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

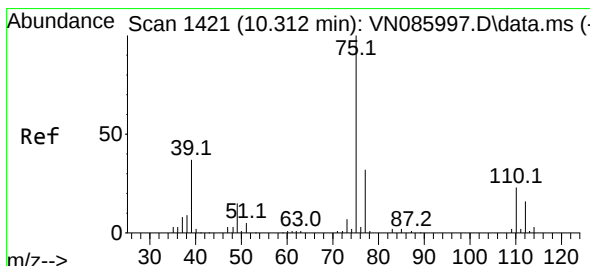
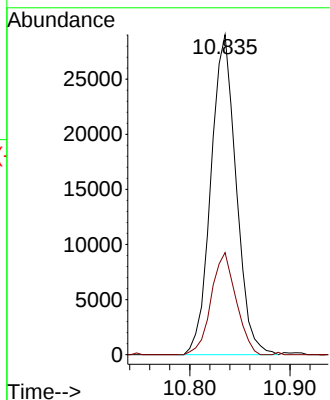
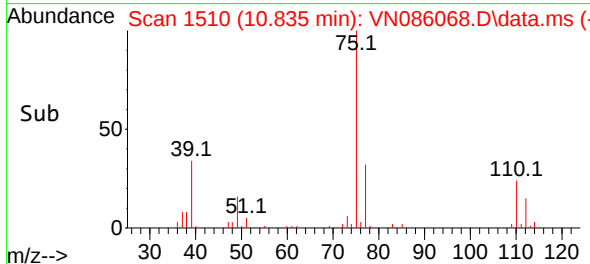
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



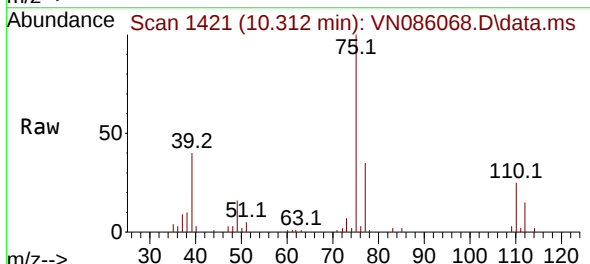
Tgt Ion: 75 Resp: 5079
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9

Manual Integrations
APPROVED

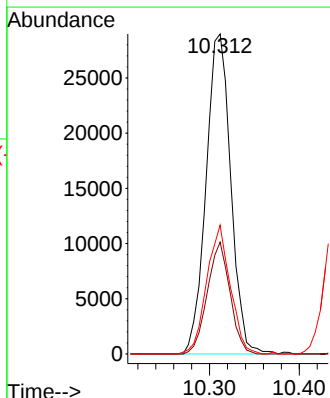
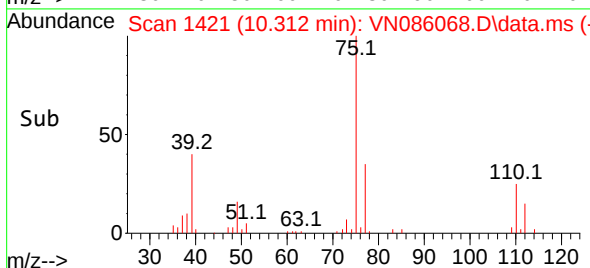
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

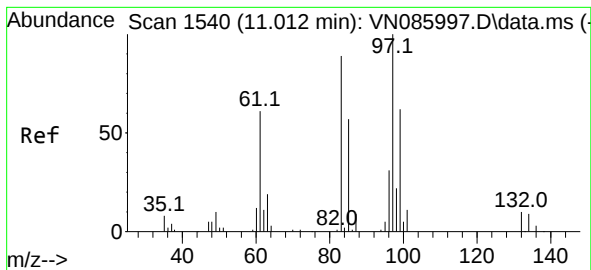


#54
cis-1,3-Dichloropropene
Concen: 18.680 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



Tgt Ion: 75 Resp: 55414
Ion Ratio Lower Upper
75 100
77 35.0 25.3 37.9
39 40.2 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 19.585 ug/l

RT: 11.018 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0324MBS01

Tgt Ion: 97 Resp: 35530

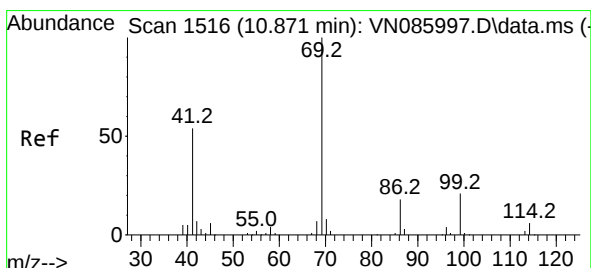
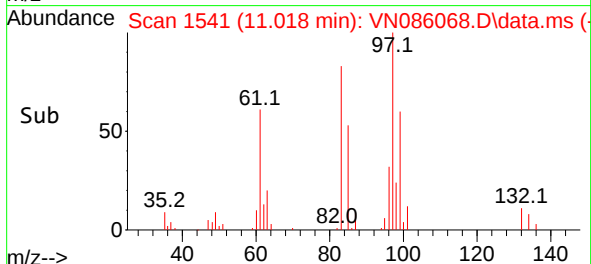
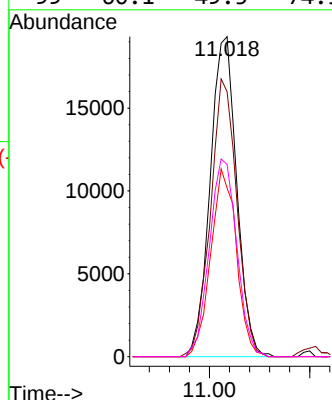
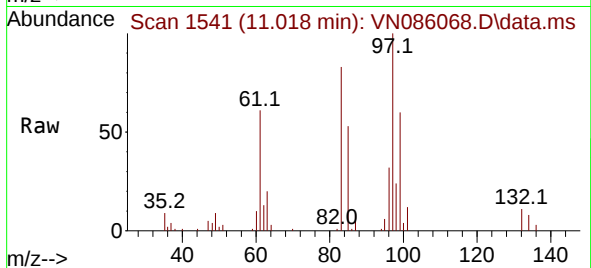
Ion	Ratio	Lower	Upper
97	100		
83	82.8	71.2	106.8
85	52.7	45.4	68.0
99	60.1	49.5	74.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#56

Ethyl methacrylate

Concen: 18.090 ug/l

RT: 10.876 min Scan# 1517

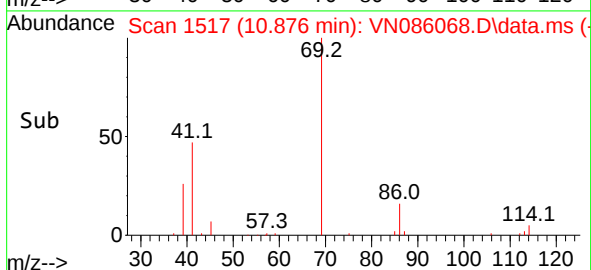
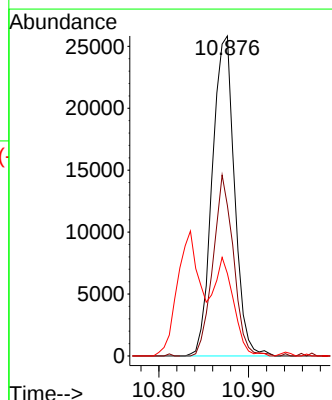
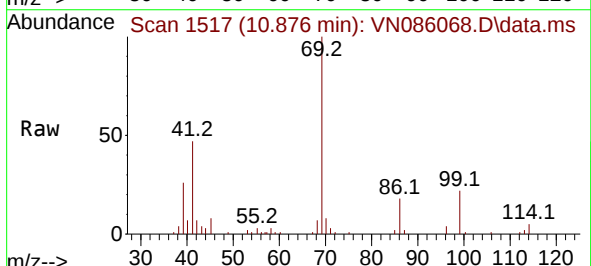
Delta R.T. 0.005 min

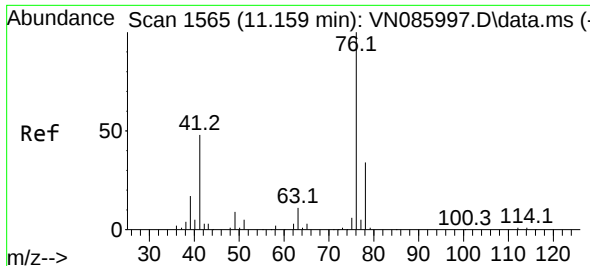
Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Tgt Ion: 69 Resp: 44426

Ion	Ratio	Lower	Upper
69	100		
41	52.2	41.6	62.4
39	28.0	21.8	32.8





#57

1,3-Dichloropropane

Concen: 19.084 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0324MBS01

Tgt Ion: 76 Resp: 5880

Ion Ratio Lower Upper

76 100

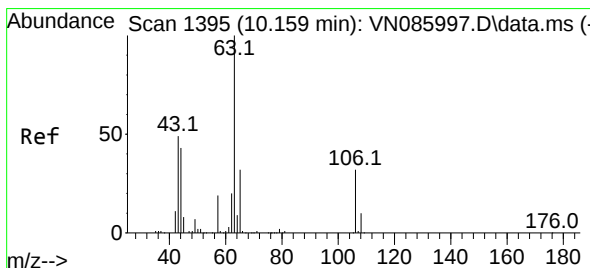
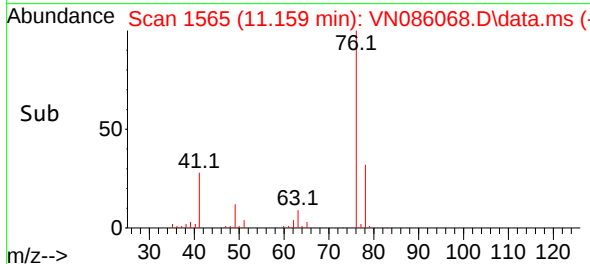
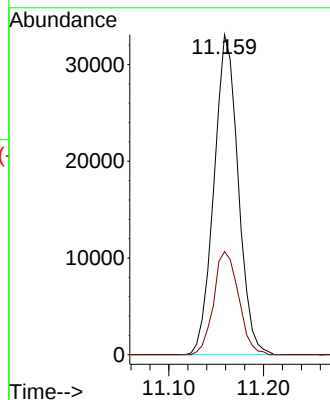
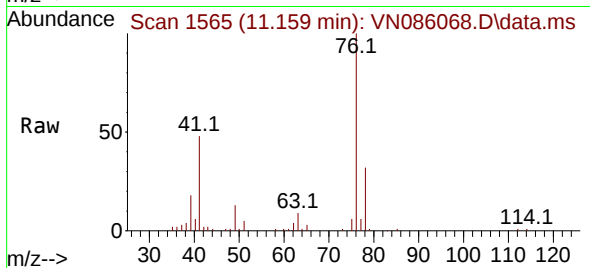
78 33.1 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 116.391 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086068.D

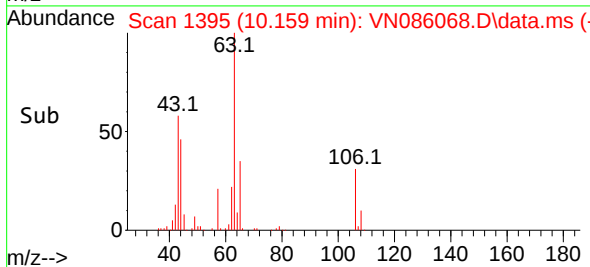
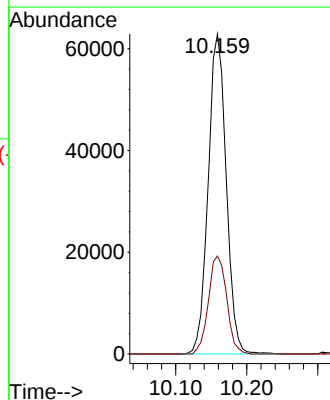
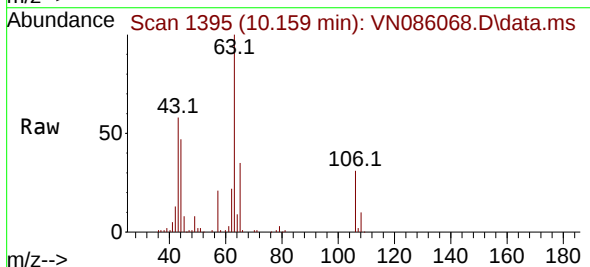
Acq: 24 Mar 2025 13:26

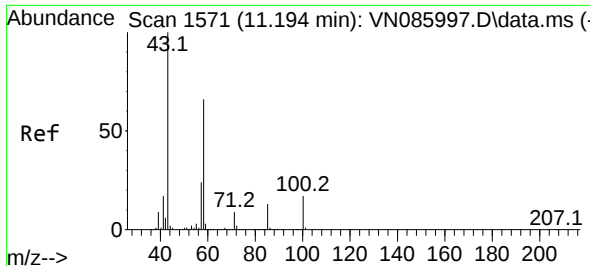
Tgt Ion: 63 Resp: 110976

Ion Ratio Lower Upper

63 100

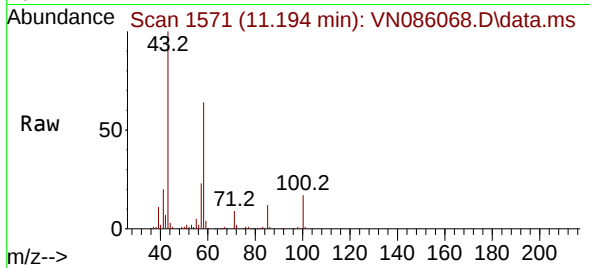
106 31.0 25.0 37.6





#59
2-Hexanone
Concen: 90.681 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

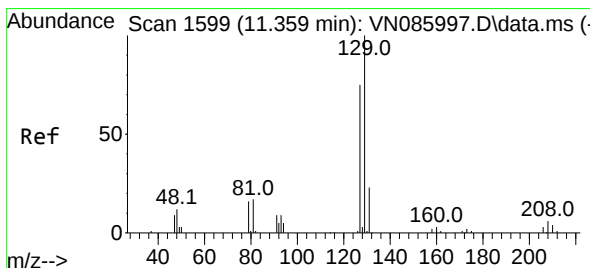
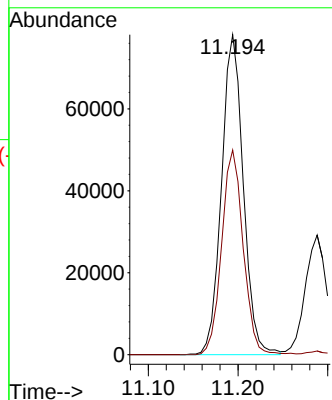
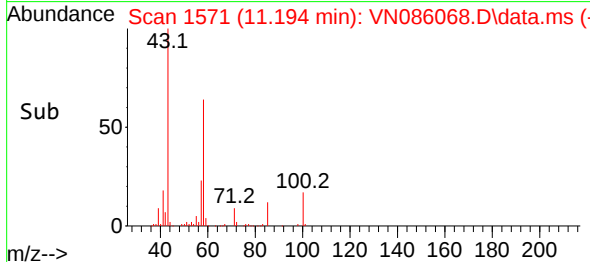
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



Tgt Ion: 43 Resp: 131392
Ion Ratio Lower Upper
43 100
58 63.3 32.4 97.2

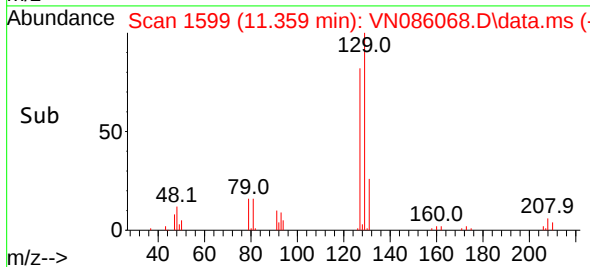
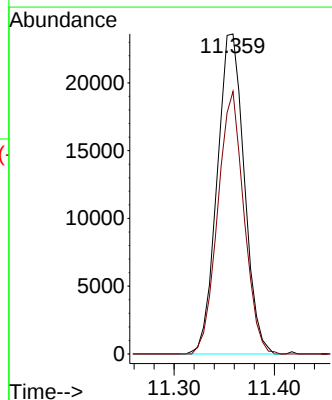
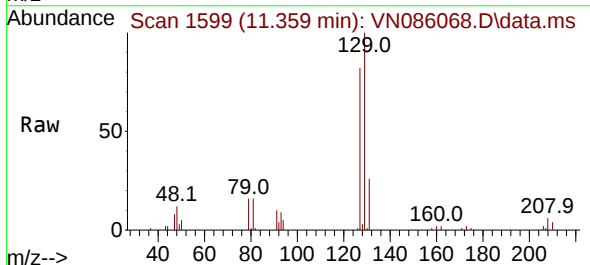
Manual Integrations
APPROVED

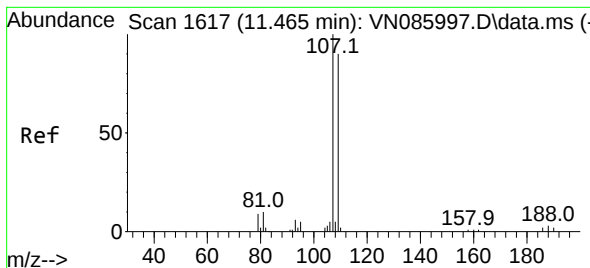
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#60
Dibromochloromethane
Concen: 18.971 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

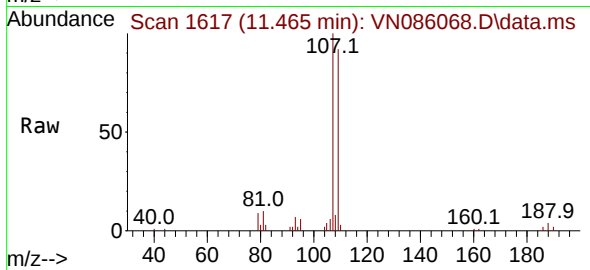
Tgt Ion:129 Resp: 44411
Ion Ratio Lower Upper
129 100
127 79.0 37.8 113.4





#61
1,2-Dibromoethane
Concen: 18.470 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

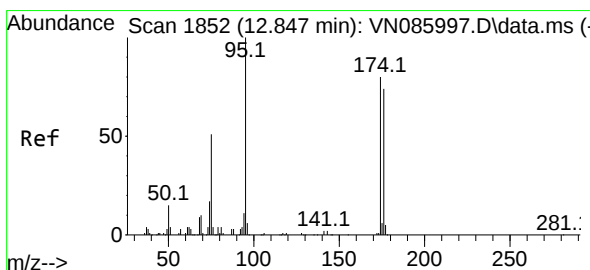
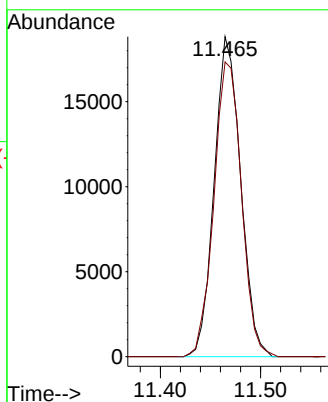
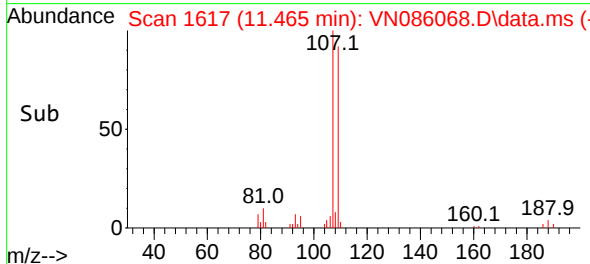
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



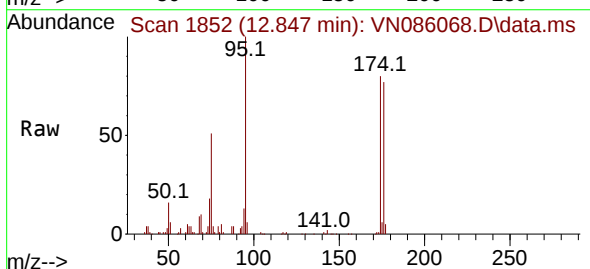
Tgt Ion:107 Resp: 34398
Ion Ratio Lower Upper
107 100
109 96.1 73.3 109.9

Manual Integrations
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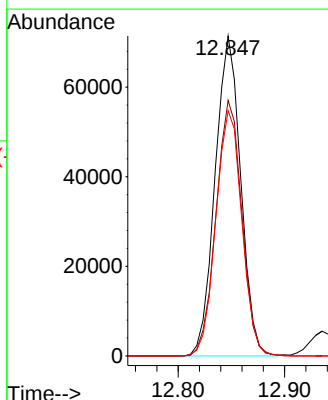
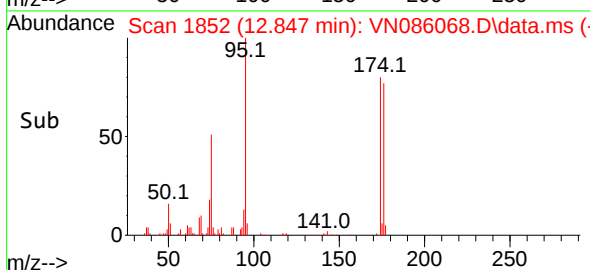
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

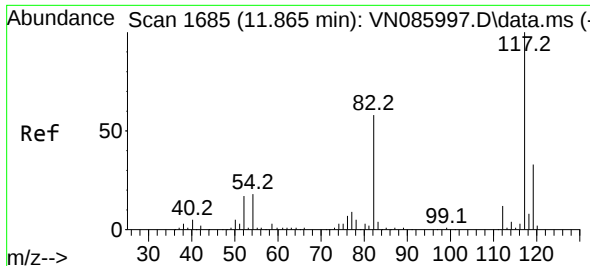


#62
4-Bromofluorobenzene
Concen: 49.128 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



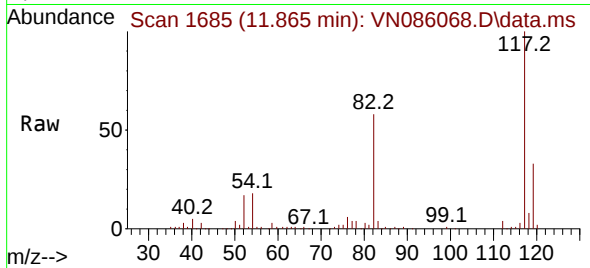
Tgt Ion: 95 Resp: 119131
Ion Ratio Lower Upper
95 100
174 80.7 0.0 156.8
176 77.7 0.0 152.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

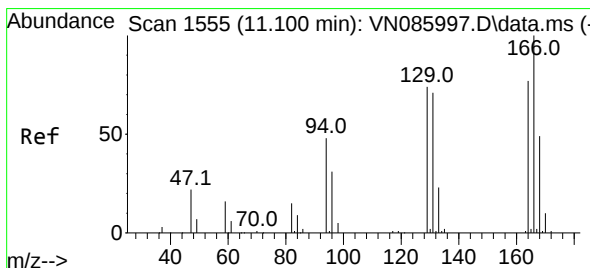
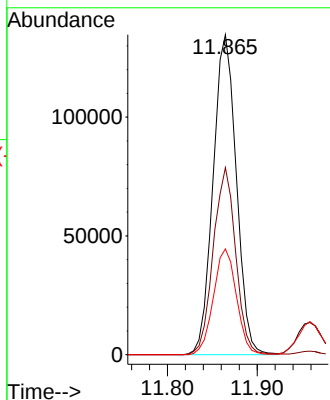
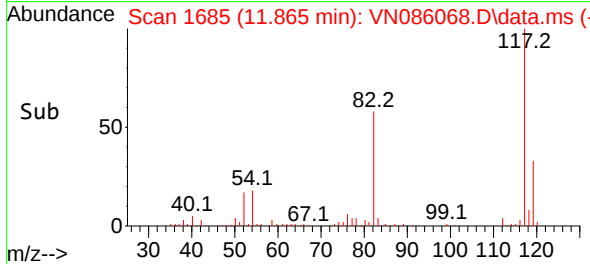
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



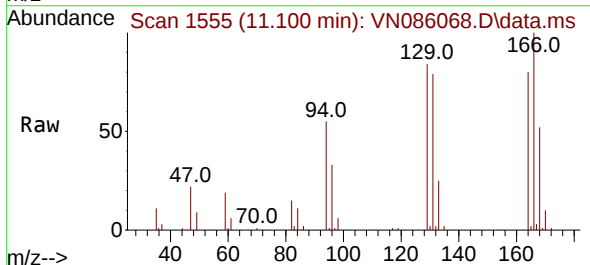
Tgt Ion:117 Resp: 242249
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 33.1 26.5 39.7

Manual Integrations
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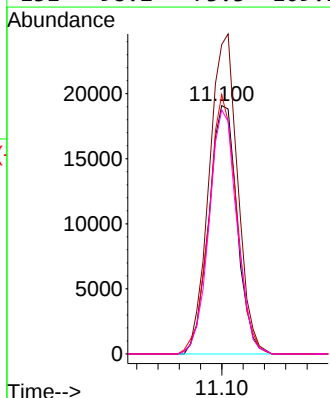
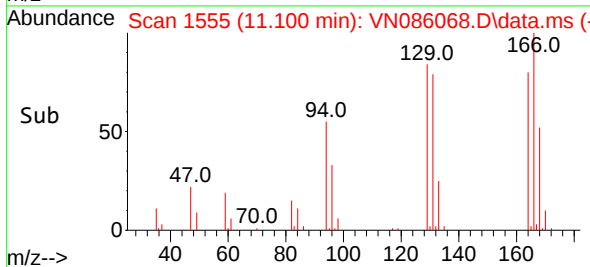
Reviewed By :John Carbone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

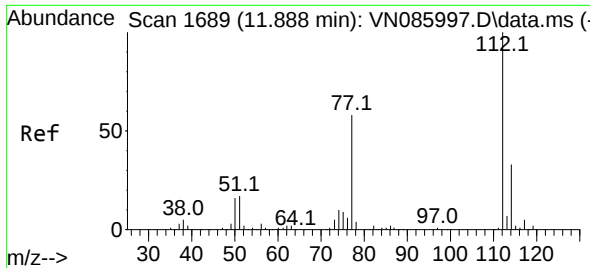


#64
Tetrachloroethene
Concen: 18.223 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



Tgt Ion:164 Resp: 35214
Ion Ratio Lower Upper
164 100
166 124.6 103.7 155.5
129 104.4 77.1 115.7
131 98.2 73.3 109.9





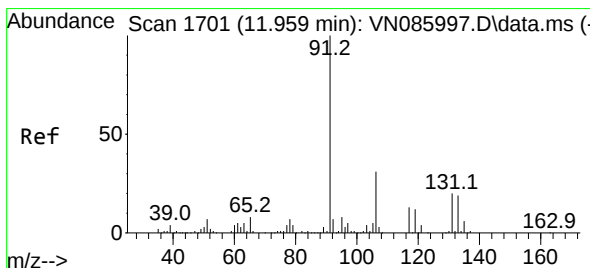
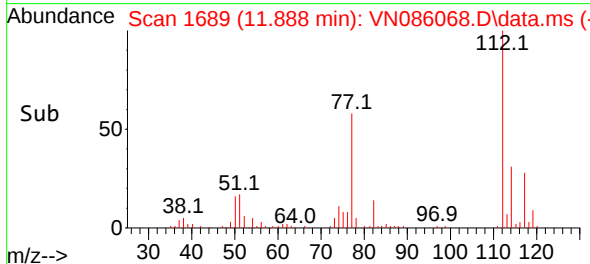
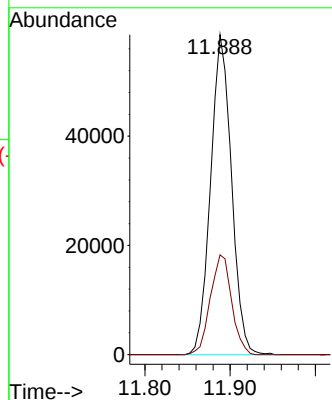
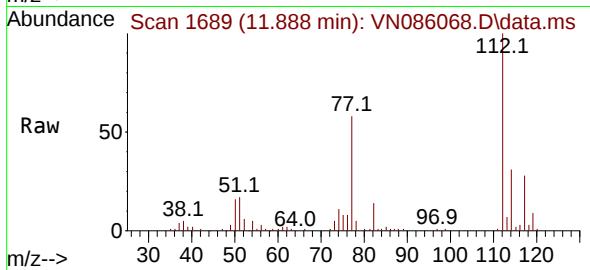
#65
Chlorobenzene
Concen: 18.006 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion:112 Resp: 99809
Ion Ratio Lower Upper
112 100
114 31.2 26.3 39.5

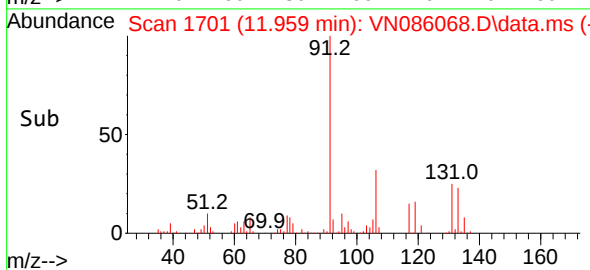
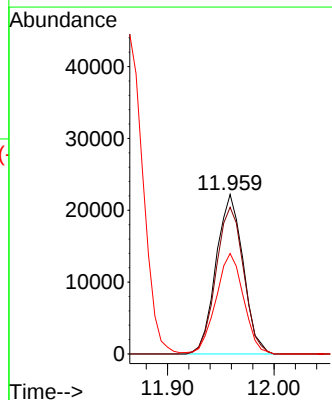
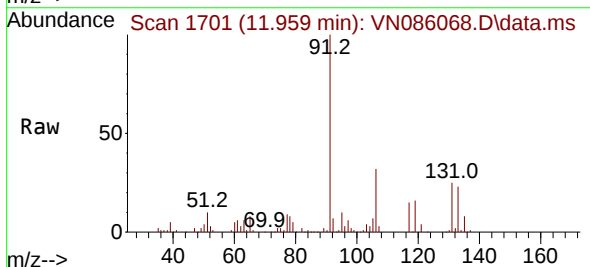
Manual Integrations
APPROVED

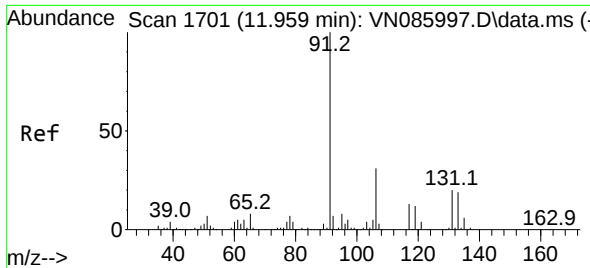
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.062 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion:131 Resp: 39279
Ion Ratio Lower Upper
131 100
133 93.7 47.0 141.0
119 64.3 31.4 94.0





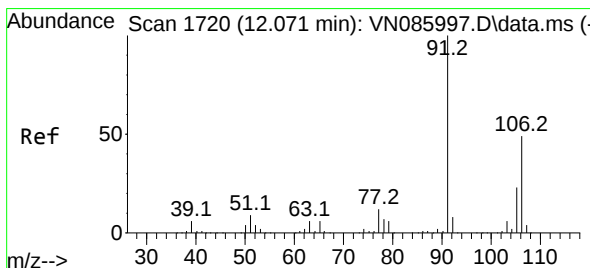
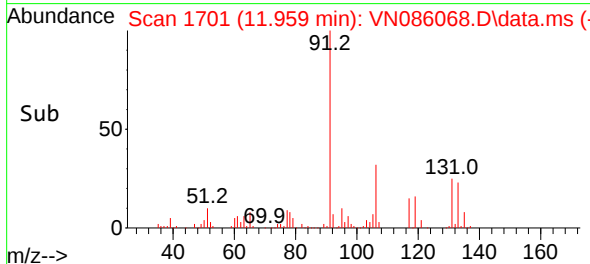
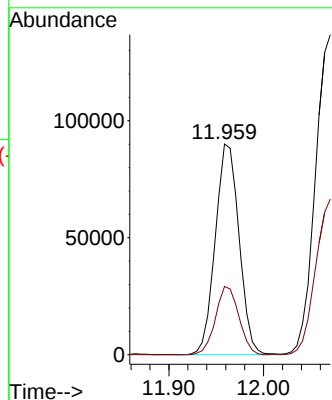
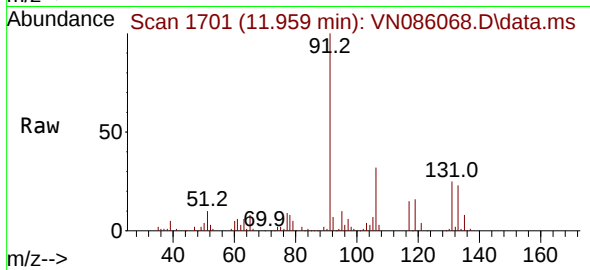
#67
Ethyl Benzene
Concen: 17.743 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion: 91 Resp: 157328
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7

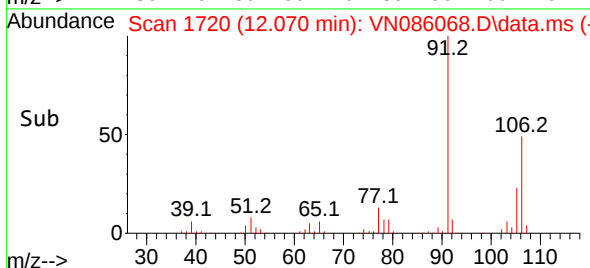
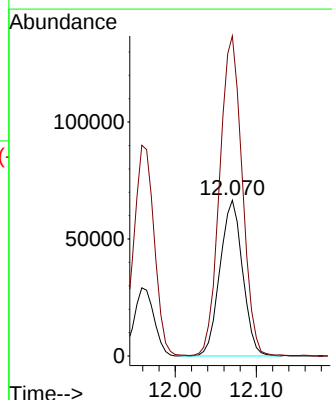
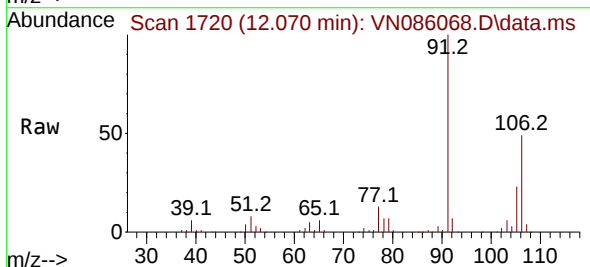
Manual Integrations
APPROVED

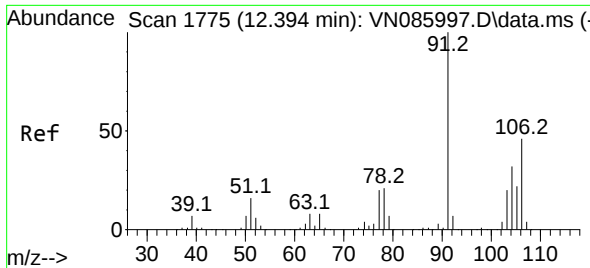
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#68
m/p-Xylenes
Concen: 37.004 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion:106 Resp: 128966
Ion Ratio Lower Upper
106 100
91 204.4 163.9 245.9





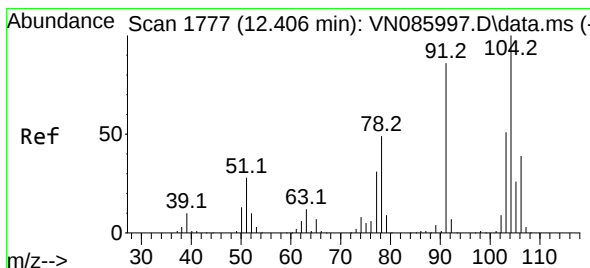
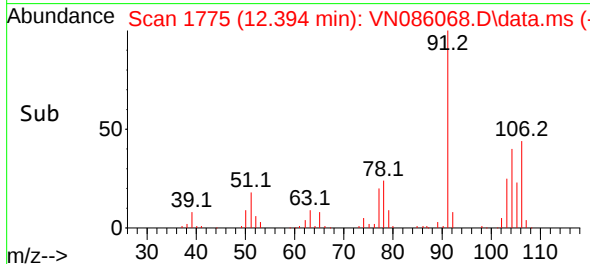
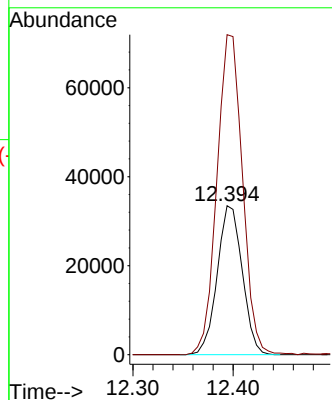
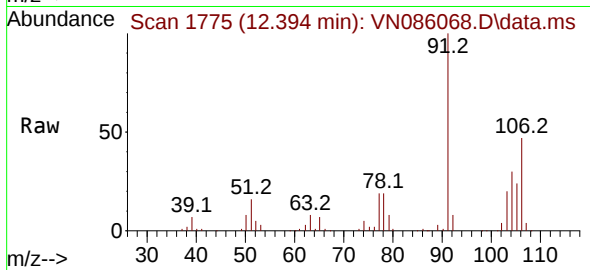
#69
o-Xylene
Concen: 18.120 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion:106 Resp: 57960
Ion Ratio Lower Upper
106 100
91 219.6 109.1 327.2

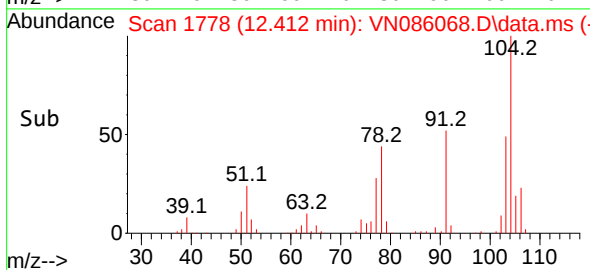
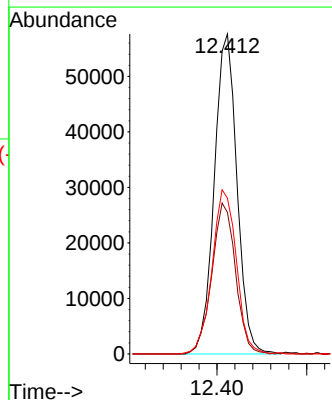
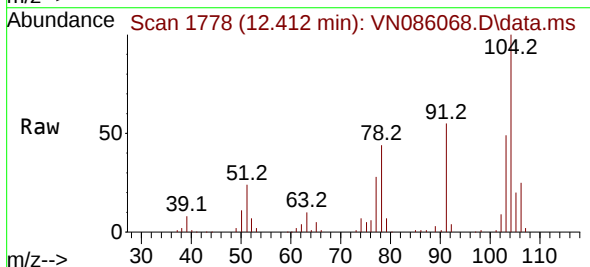
Manual Integrations
APPROVED

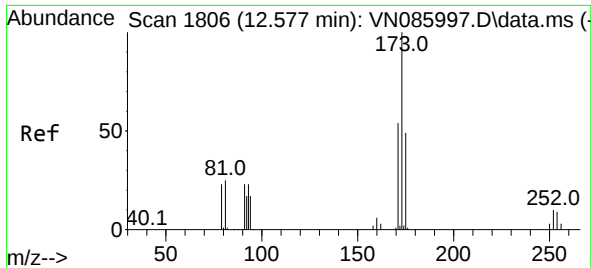
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#70
Styrene
Concen: 18.511 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion:104 Resp: 101135
Ion Ratio Lower Upper
104 100
78 49.3 41.4 62.2
103 54.9 42.9 64.3





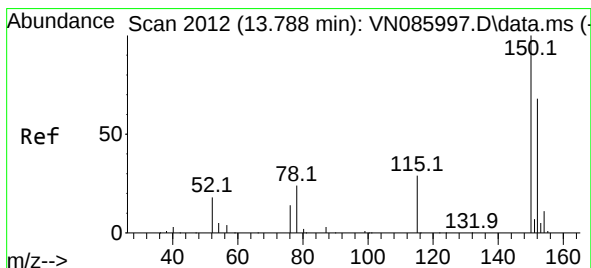
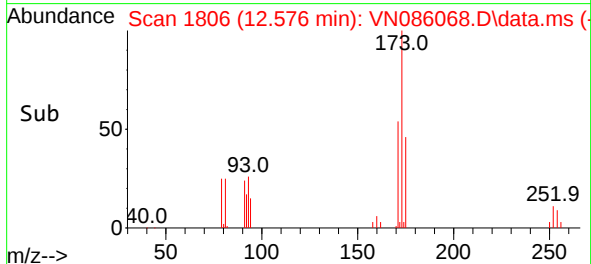
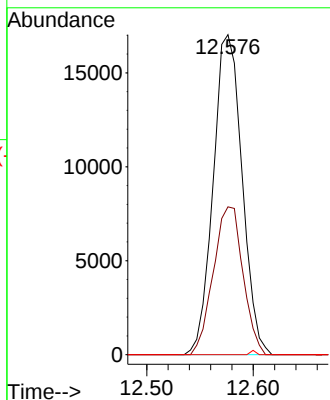
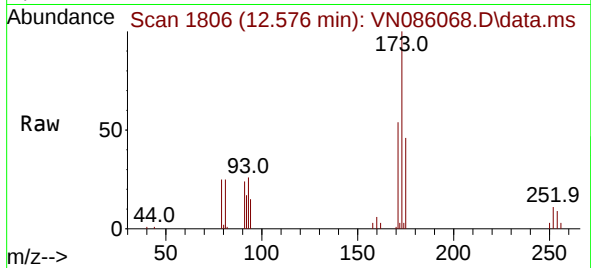
#71
Bromoform
Concen: 18.602 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion:173 Resp: 3204
Ion Ratio Lower Upper
173 100
175 47.5 24.3 73.0
254 0.0 0.0 0.0

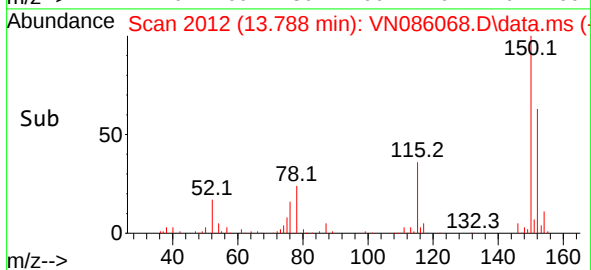
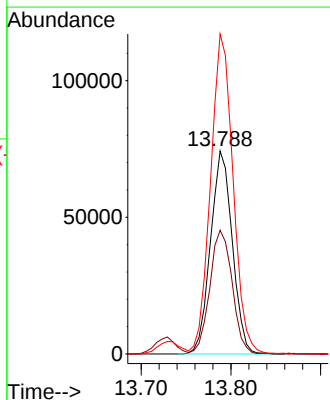
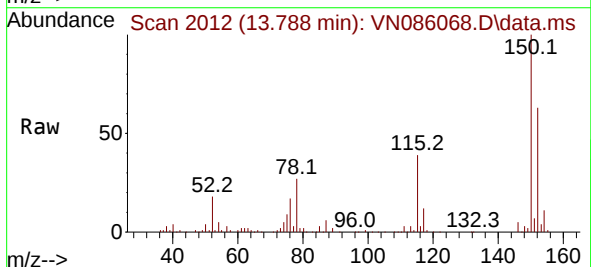
Manual Integrations
APPROVED

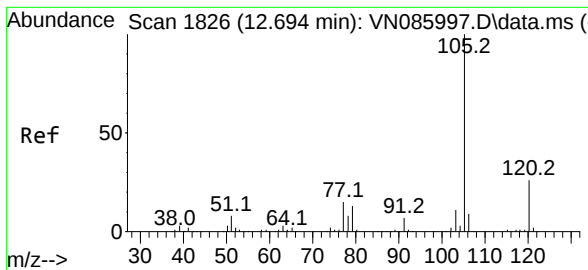
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion:152 Resp: 125257
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.2
150 162.7 0.0 359.6





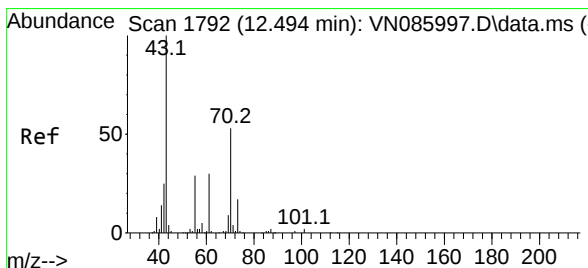
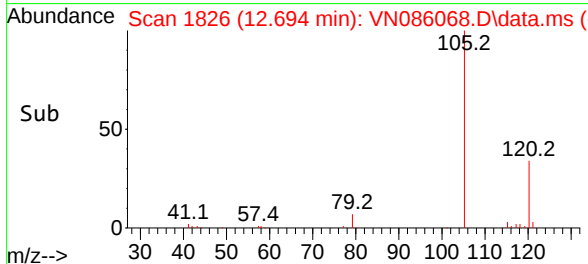
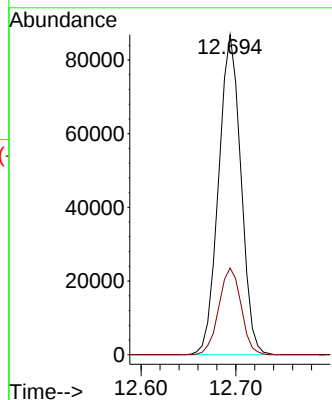
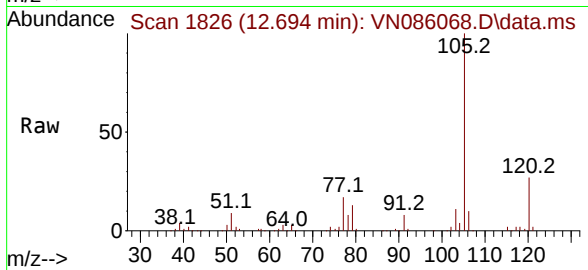
#73
Isopropylbenzene
Concen: 16.639 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion:105 Resp: 142320
Ion Ratio Lower Upper
105 100
120 27.0 13.0 39.0

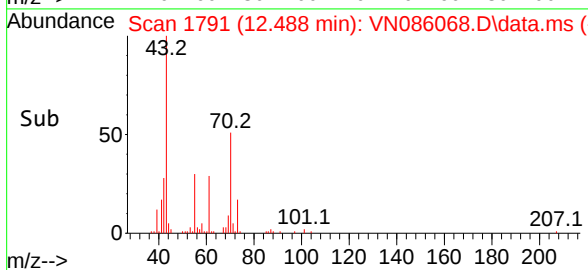
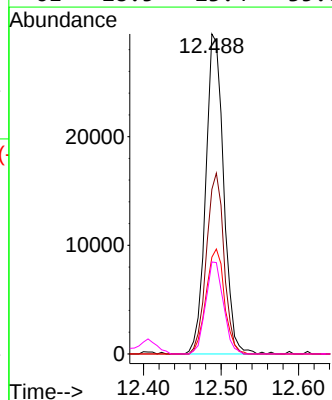
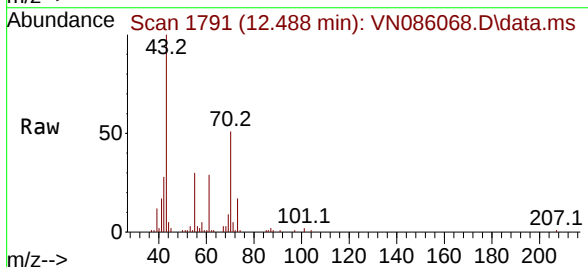
Manual Integrations
APPROVED

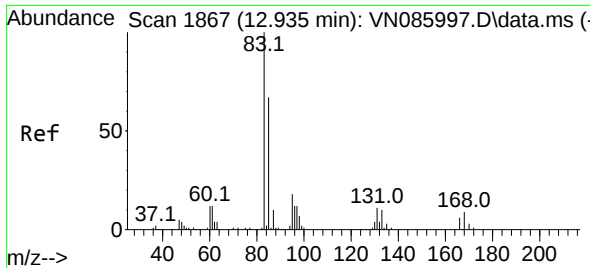
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#74
N-ethyl acetate
Concen: 16.535 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion: 43 Resp: 47320
Ion Ratio Lower Upper
43 100
70 55.1 43.0 64.4
55 33.8 23.8 35.8
61 28.5 23.4 35.0





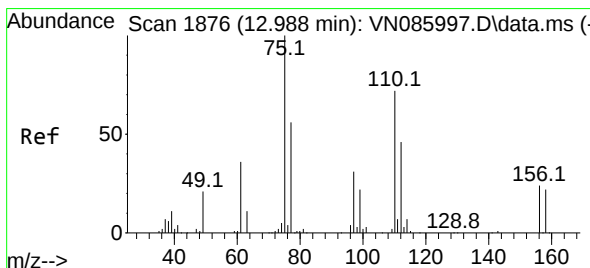
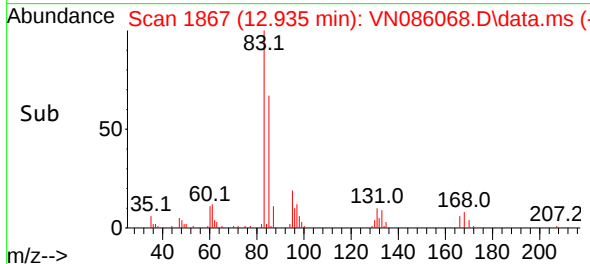
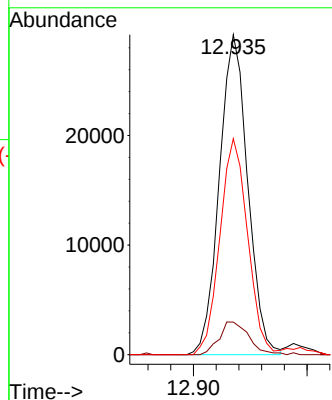
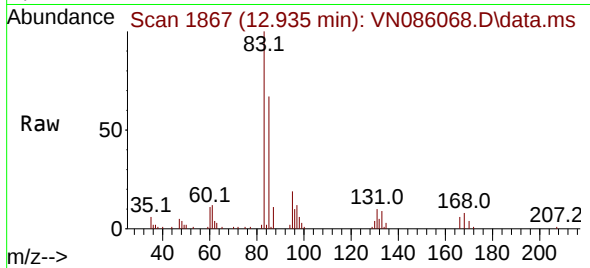
#75
1,1,2,2-Tetrachloroethane
Concen: 17.507 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion: 83 Resp: 5066
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.5
85 66.2 32.6 97.8

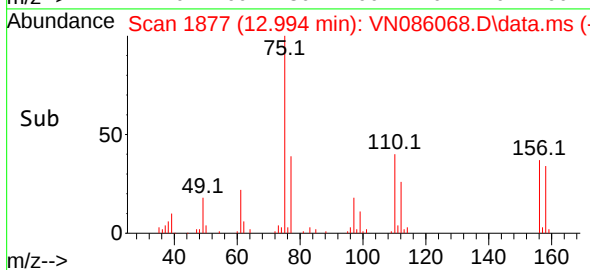
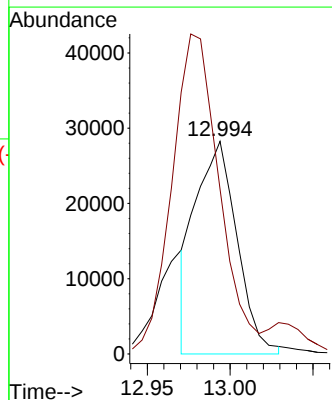
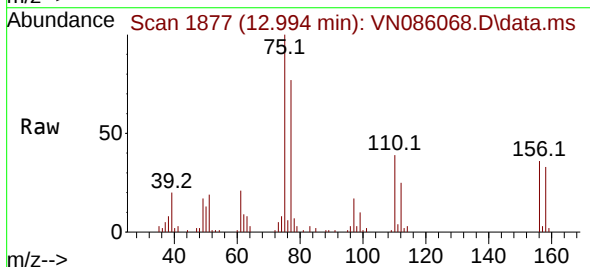
Manual Integrations
APPROVED

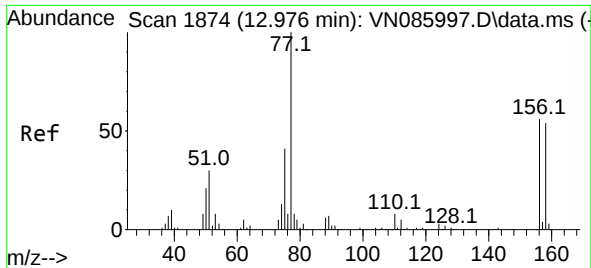
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#76
1,2,3-Trichloropropane
Concen: 17.581 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

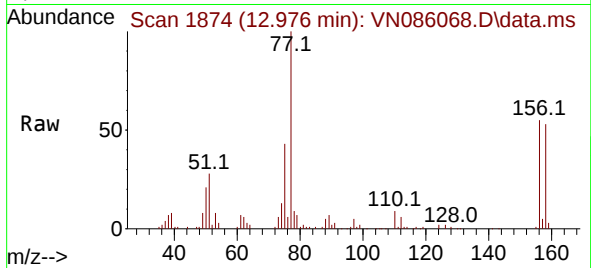
Tgt Ion: 75 Resp: 49303
Ion Ratio Lower Upper
75 100
77 171.9 83.7 251.0





#77
Bromobenzene
Concen: 17.448 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

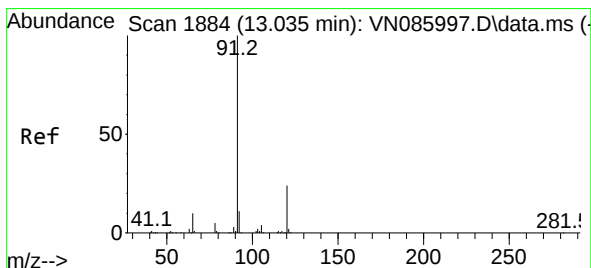
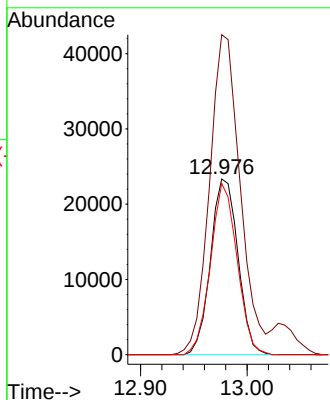
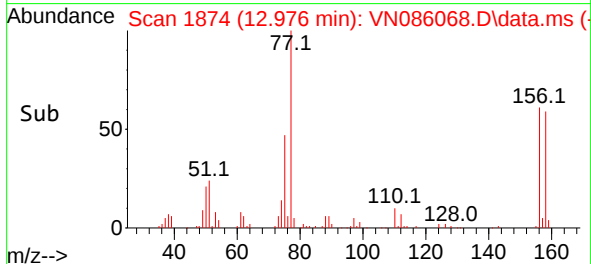
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



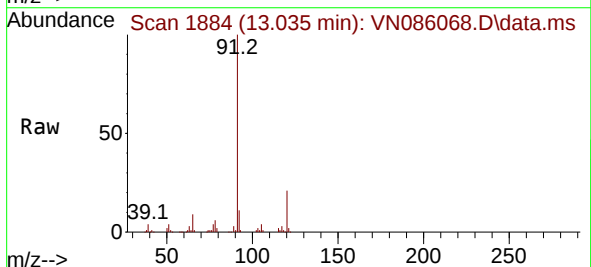
Tgt Ion:156 Resp: 41610
Ion Ratio Lower Upper
156 100
77 203.6 104.1 312.3
158 94.7 49.0 147.0

Manual Integrations
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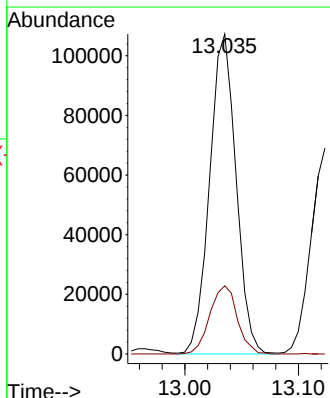
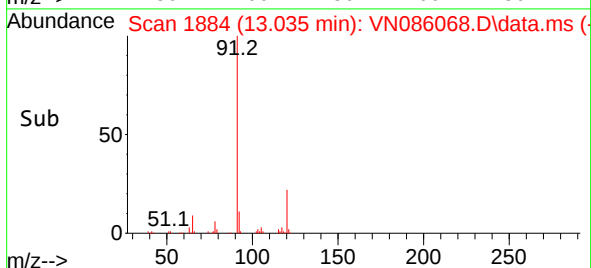
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

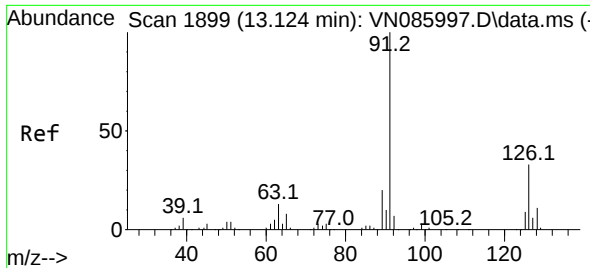


#78
n-propylbenzene
Concen: 17.902 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



Tgt Ion: 91 Resp: 173393
Ion Ratio Lower Upper
91 100
120 22.1 11.7 35.0





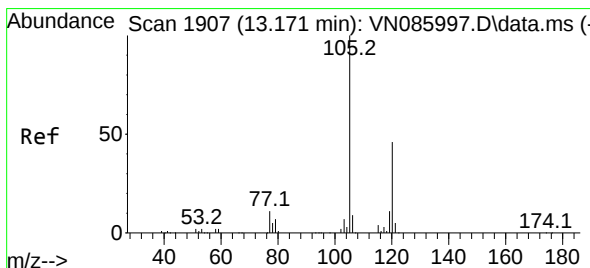
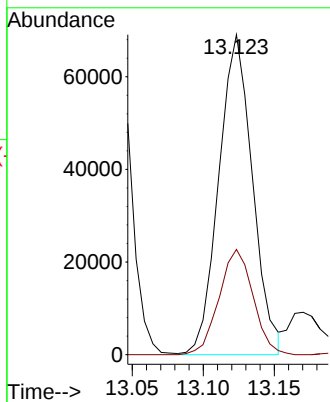
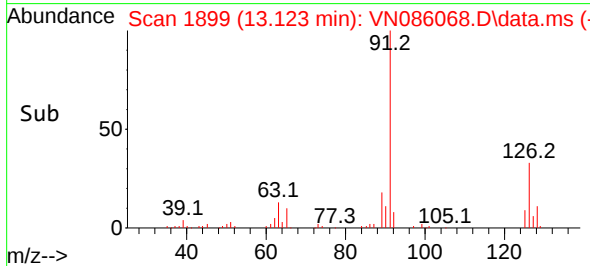
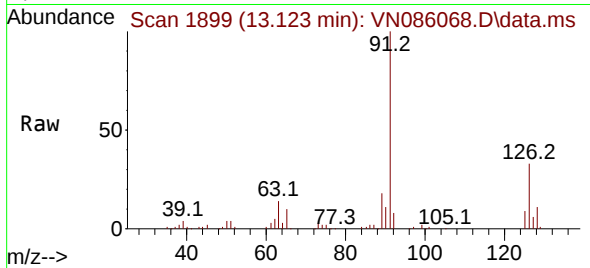
#79
2-Chlorotoluene
Concen: 17.732 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion: 91 Resp: 114070
Ion Ratio Lower Upper
91 100
126 33.1 16.4 49.2

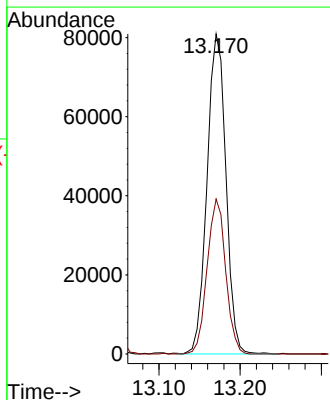
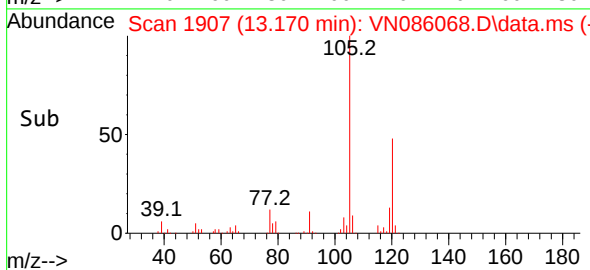
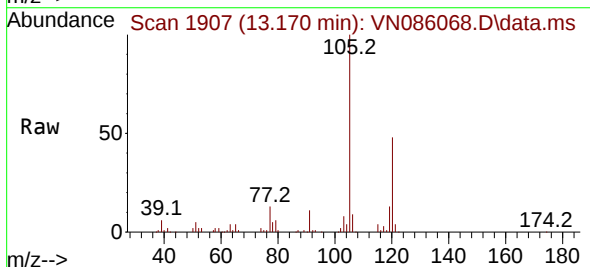
Manual Integrations
APPROVED

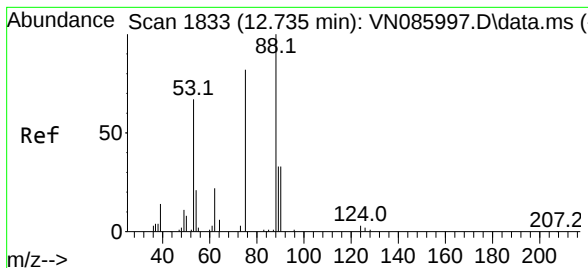
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.078 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

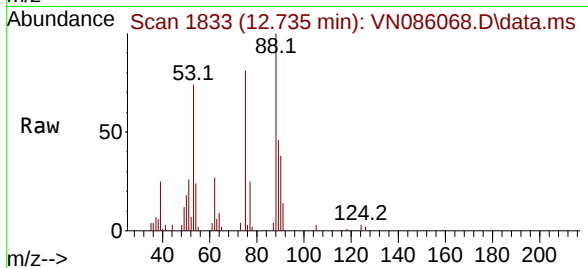
Tgt Ion:105 Resp: 130554
Ion Ratio Lower Upper
105 100
120 47.5 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 15.572 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

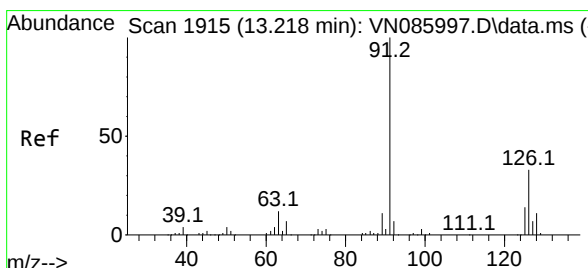
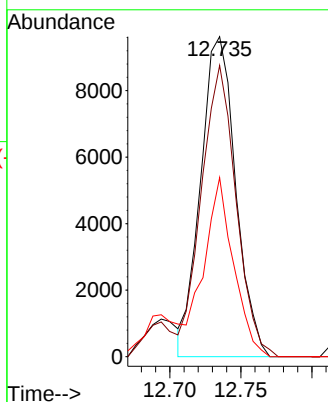
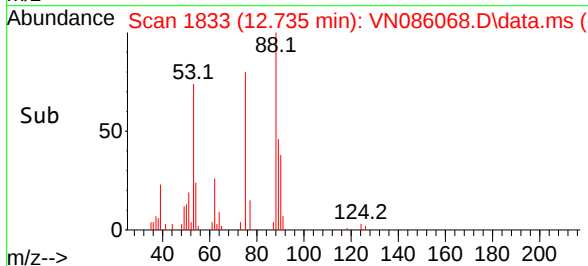
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



Tgt Ion: 75 Resp: 1651
Ion Ratio Lower Upper
75 100
53 90.1 66.0 99.0
89 46.5 36.9 55.3

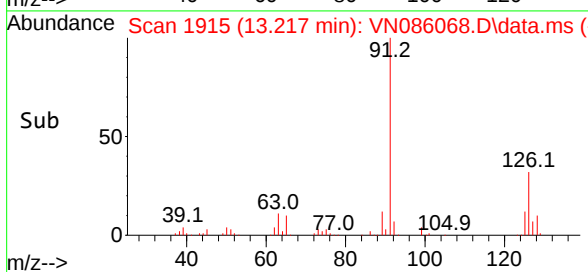
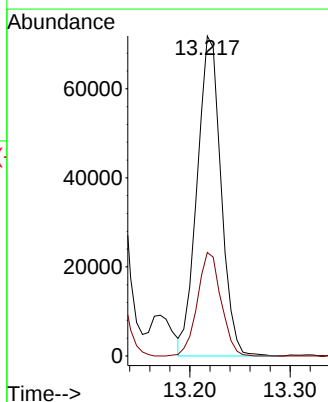
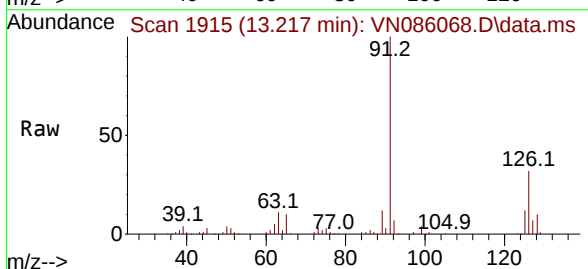
Manual Integrations
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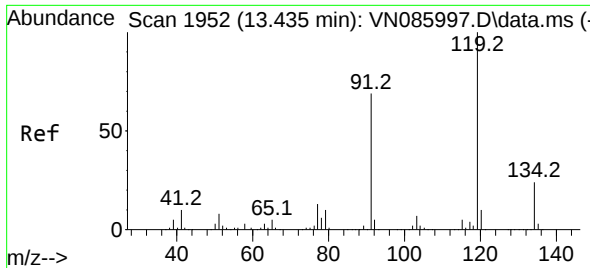
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#82
4-Chlorotoluene
Concen: 17.984 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

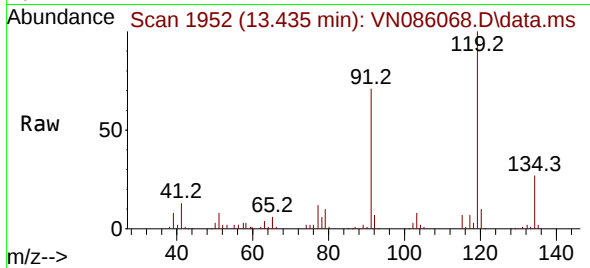
Tgt Ion: 91 Resp: 118976
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.2





#83
tert-Butylbenzene
Concen: 15.606 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

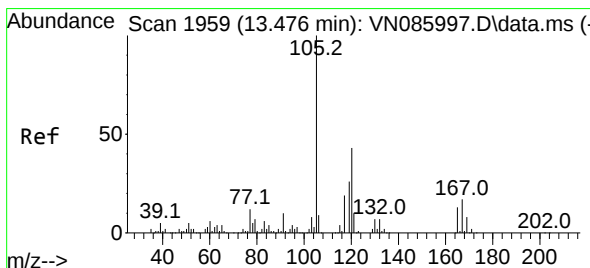
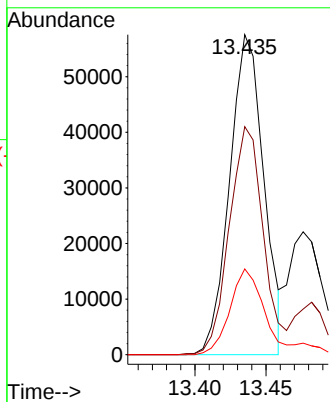
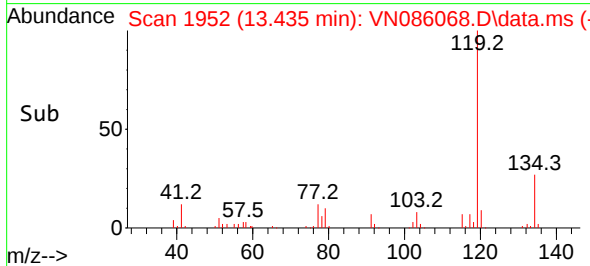
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



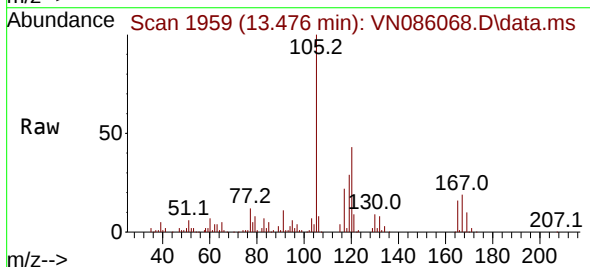
Tgt Ion:119 Resp: 96390
Ion Ratio Lower Upper
119 100
91 71.3 34.3 102.9
134 28.9 13.5 40.5

Manual Integrations
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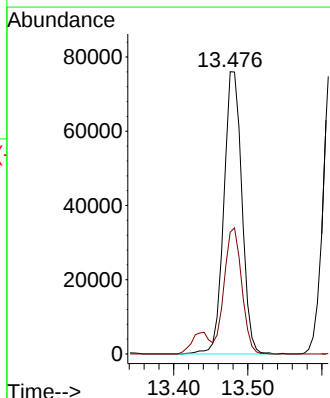
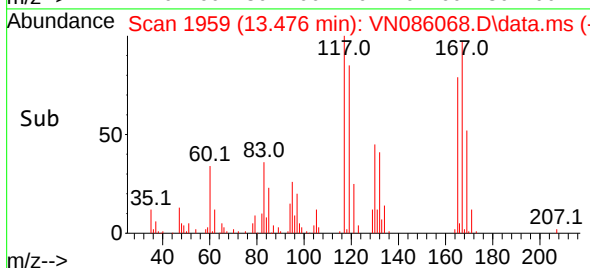
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

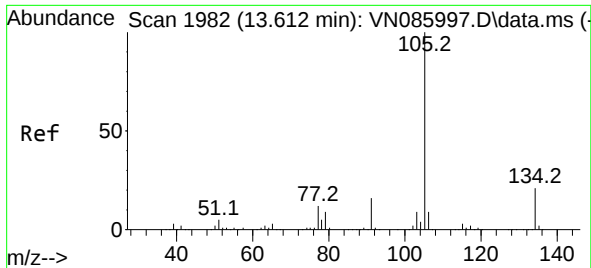


#84
1,2,4-Trimethylbenzene
Concen: 17.631 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



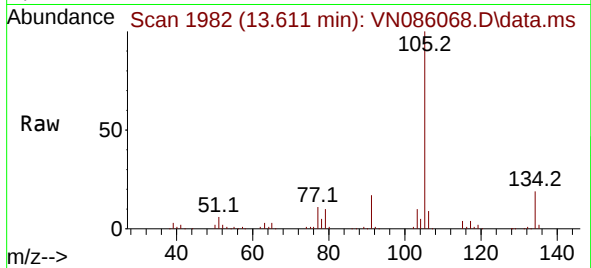
Tgt Ion:105 Resp: 128426
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 17.234 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086068.D
 Acq: 24 Mar 2025 13:26

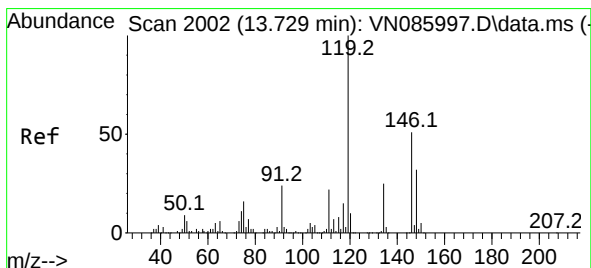
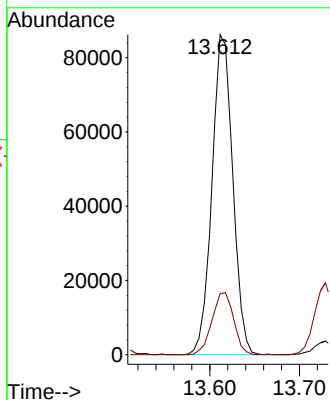
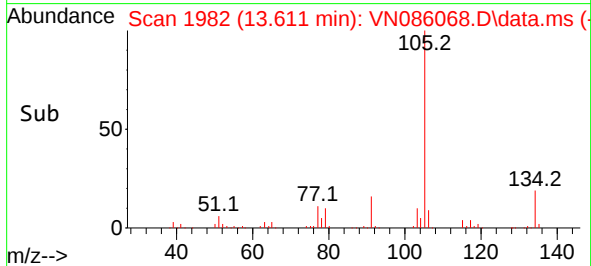
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0324MBS01



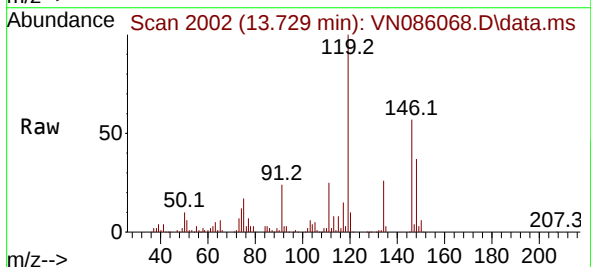
Tgt Ion:105 Resp: 138862
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
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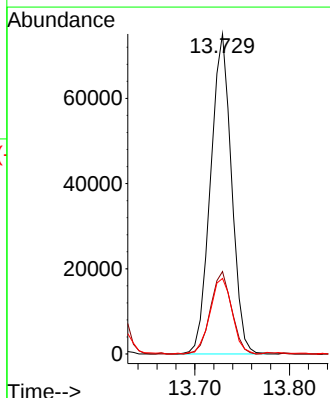
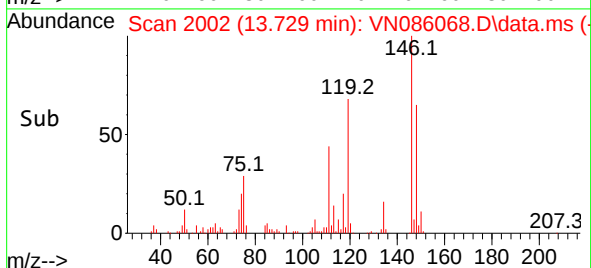
Reviewed By :John Carlone 03/25/2025
 Supervised By :Mahesh Dadoda 03/25/2025

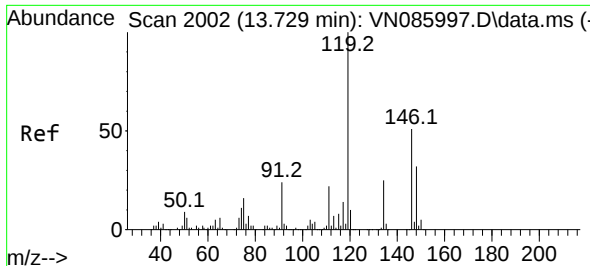


#86
 p-Isopropyltoluene
 Concen: 16.958 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086068.D
 Acq: 24 Mar 2025 13:26



Tgt Ion:119 Resp: 115667
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.0 12.3 36.8





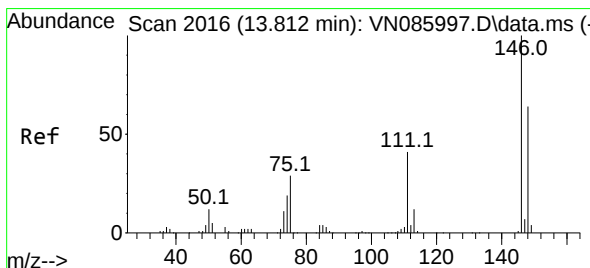
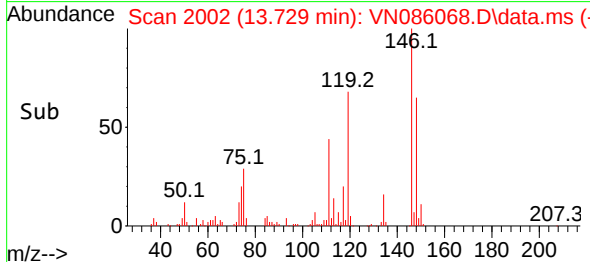
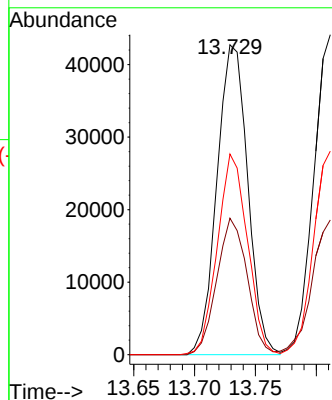
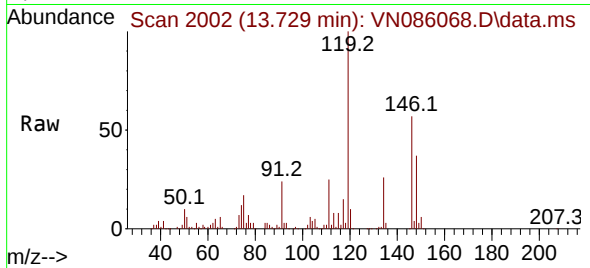
#87
1,3-Dichlorobenzene
Concen: 17.493 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion:146 Resp: 7520
Ion Ratio Lower Upper
146 100
111 43.3 21.2 63.6
148 63.3 31.8 95.4

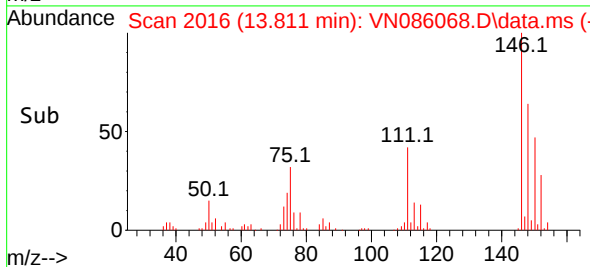
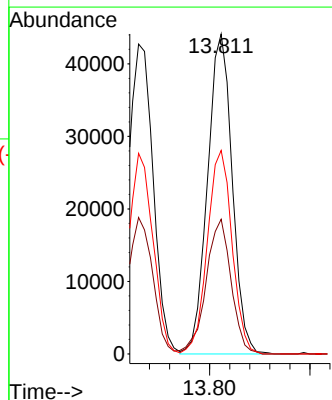
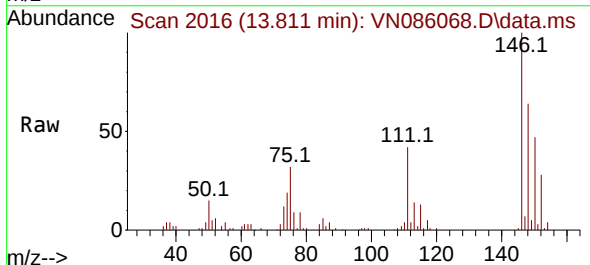
Manual Integrations
APPROVED

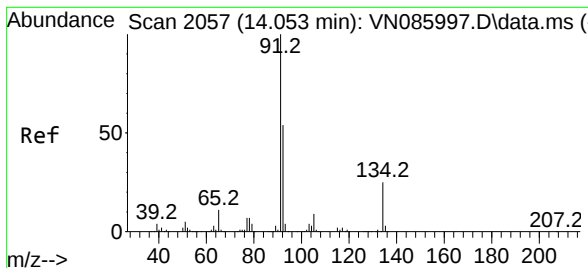
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#88
1,4-Dichlorobenzene
Concen: 16.690 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion:146 Resp: 75386
Ion Ratio Lower Upper
146 100
111 42.9 20.4 61.3
148 63.8 32.1 96.5





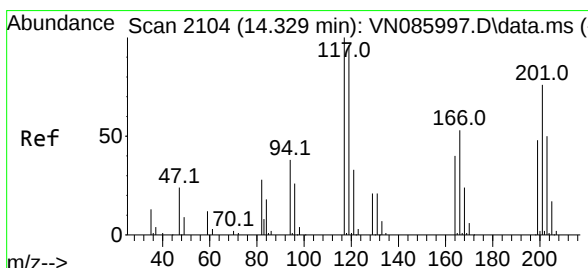
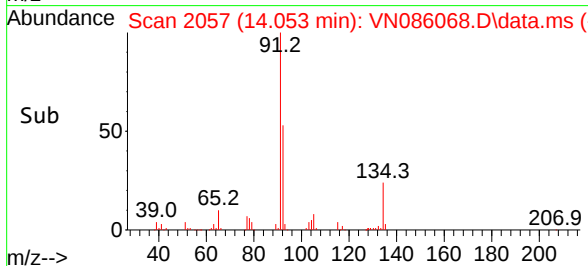
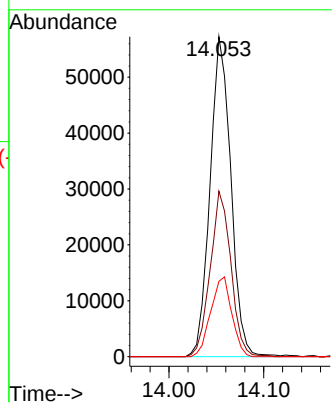
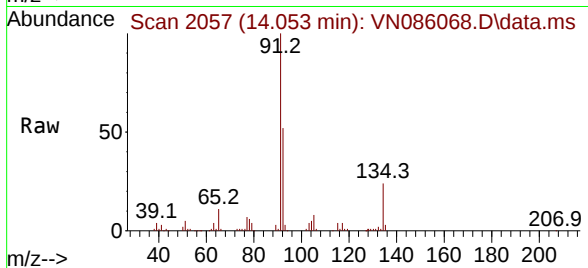
#89
n-Butylbenzene
Concen: 15.729 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion: 91 Resp: 8736
Ion Ratio Lower Upper
91 100
92 51.5 26.9 80.6
134 25.2 13.0 39.0

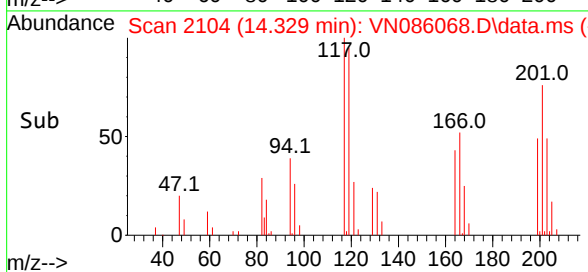
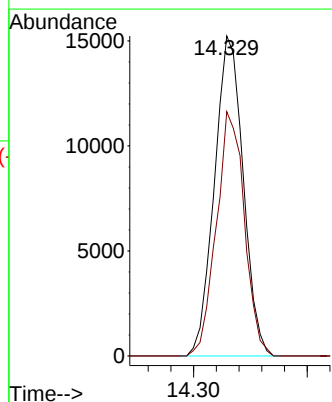
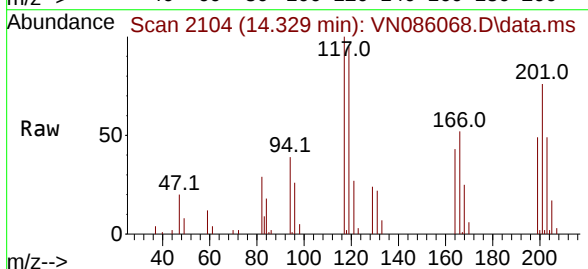
Manual Integrations
APPROVED

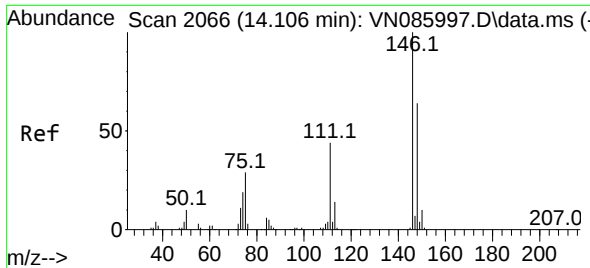
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#90
Hexachloroethane
Concen: 17.003 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Tgt Ion:117 Resp: 26760
Ion Ratio Lower Upper
117 100
201 74.4 39.1 117.3





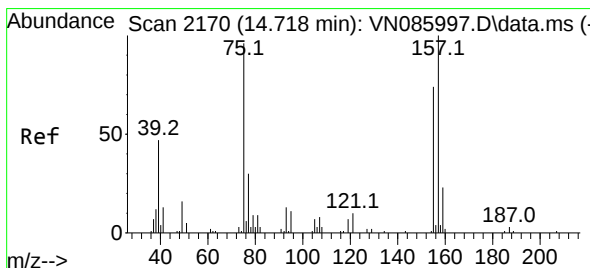
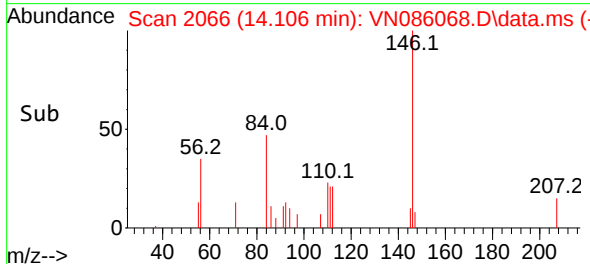
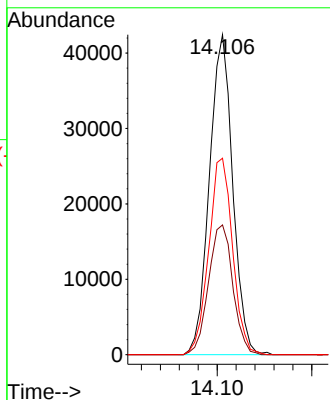
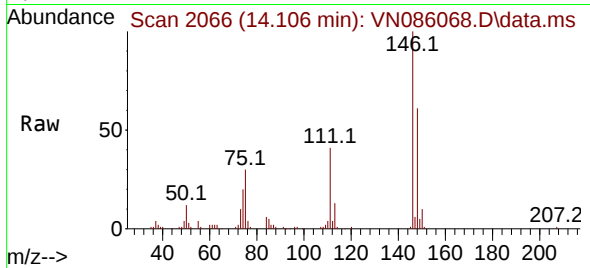
#91
1,2-Dichlorobenzene
Concen: 16.938 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01

Tgt Ion:146 Resp: 72390
Ion Ratio Lower Upper
146 100
111 42.3 22.3 66.8
148 63.0 32.1 96.5

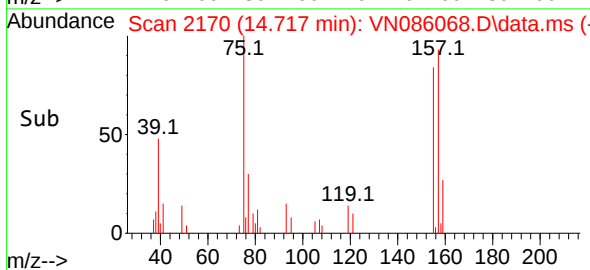
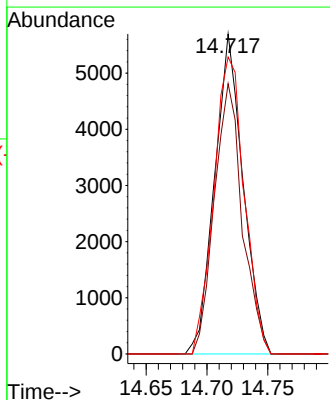
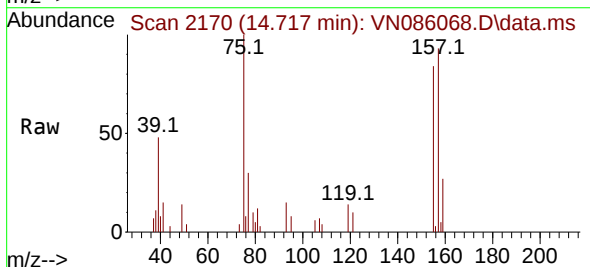
Manual Integrations
APPROVED

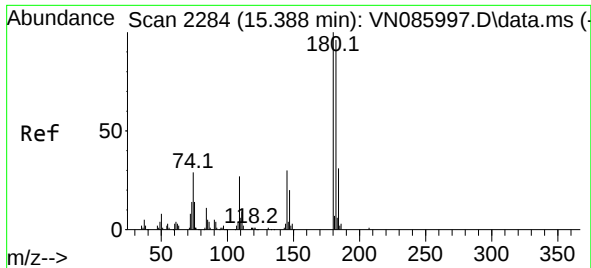
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.060 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

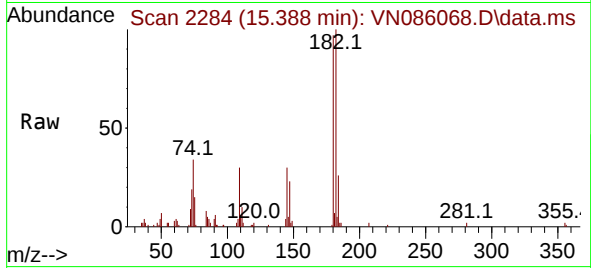
Tgt Ion: 75 Resp: 9277
Ion Ratio Lower Upper
75 100
155 83.2 41.0 123.0
157 99.2 53.7 161.1





#93
1,2,4-Trichlorobenzene
Concen: 14.296 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26

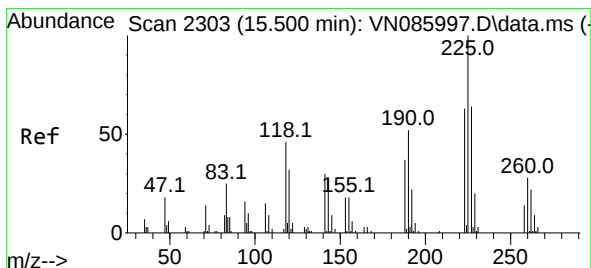
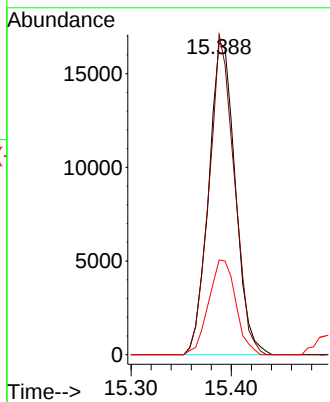
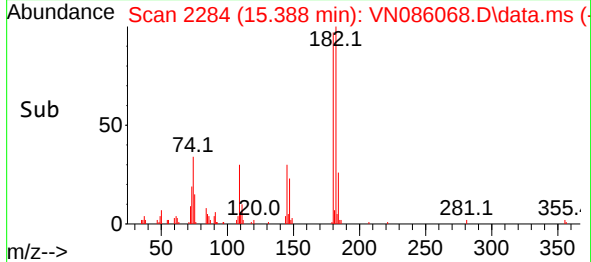
Instrument :
MSVOA_N
ClientSampleId :
VN0324MBS01



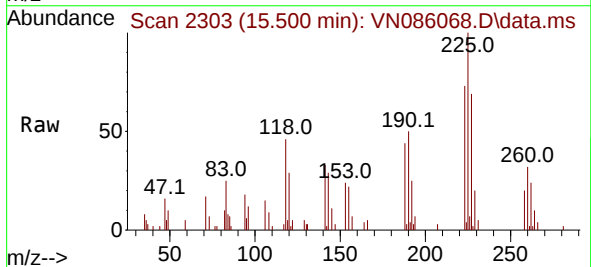
Tgt Ion:180 Resp: 3072
Ion Ratio Lower Upper
180 100
182 96.8 47.0 141.0
145 30.9 15.5 46.5

Manual Integrations
APPROVED

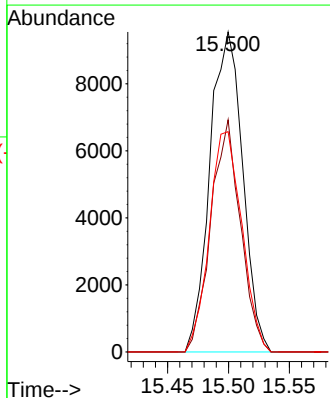
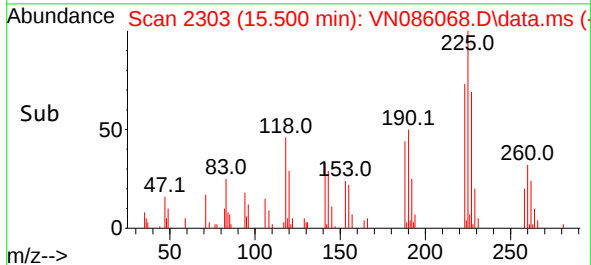
Reviewed By :John Carlone 03/25/2025
Supervised By :Mahesh Dadoda 03/25/2025

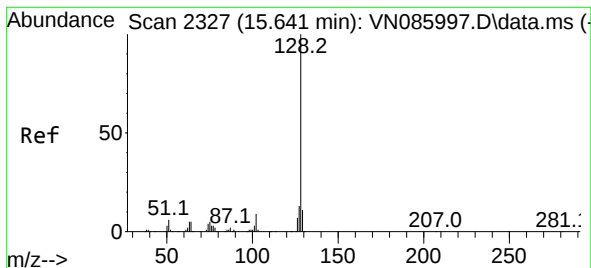


#94
Hexachlorobutadiene
Concen: 14.352 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086068.D
Acq: 24 Mar 2025 13:26



Tgt Ion:225 Resp: 17893
Ion Ratio Lower Upper
225 100
223 65.4 31.3 93.9
227 68.3 32.1 96.3





#95

Naphthalene

Concen: 13.034 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0324MBS01

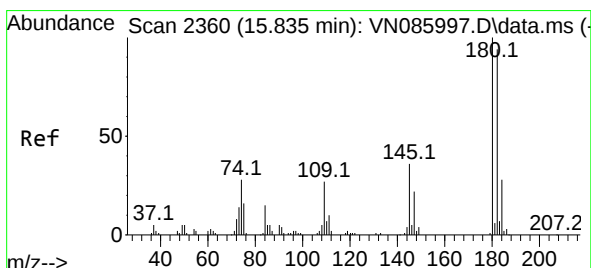
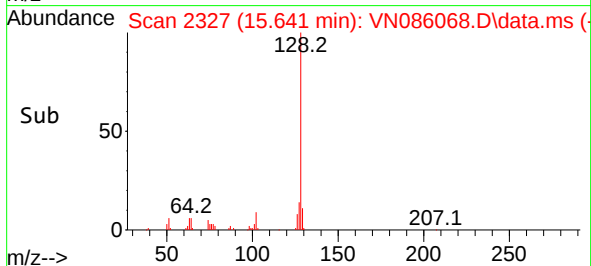
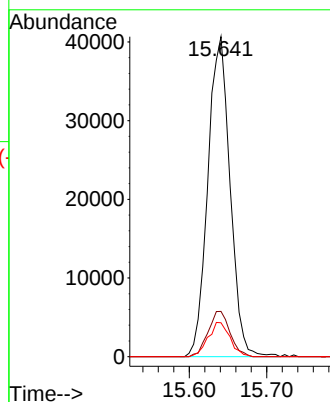
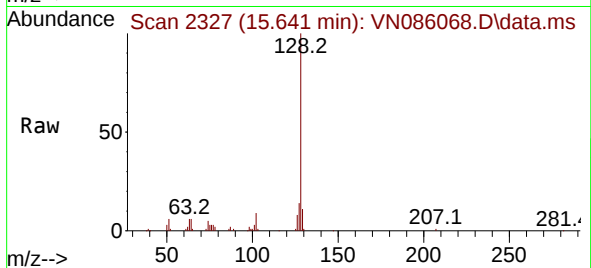
Tgt Ion:	128	Resp:	81100
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.2	15.4
129	10.5	9.0	13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2025

Supervised By :Mahesh Dadoda 03/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 15.126 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086068.D

Acq: 24 Mar 2025 13:26

Tgt Ion:	180	Resp:	30842
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.5	142.5
145	34.2	17.7	53.1

