

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086669.D
 Acq On : 16 May 2025 16:31
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 17 00:11:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	204431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	326222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1668	0.687	ug/l	92
3) Chloromethane	2.359	50	3511	0.992	ug/l	91
4) Vinyl Chloride	2.518	62	2679	0.803	ug/l	92
6) Chloroethane	3.118	64	1819	0.817	ug/l #	82
7) Trichlorofluoromethane	3.494	101	3176	0.851	ug/l #	82
8) Diethyl Ether	3.959	74	1329	0.823	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	1834	0.814	ug/l	96
12) 1,1-Dichloroethene	4.336	96	2173	0.904	ug/l #	83
14) Allyl chloride	5.024	41	3215	0.764	ug/l	94
15) Acrylonitrile	5.718	53	5412	4.060	ug/l	99
16) Acetone	4.436	43	5855	4.962	ug/l	93
17) Carbon Disulfide	4.724	76	5935	0.825	ug/l #	92
18) Methyl Acetate	5.024	43	3780	1.087	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	7109	0.810	ug/l	99
20) Methylene Chloride	5.271	84	3050	1.110	ug/l #	96
21) trans-1,2-Dichloroethene	5.794	96	2250	0.894	ug/l #	73
22) Diisopropyl ether	6.671	45	6818	0.743	ug/l #	96
23) Vinyl Acetate	6.600	43	23893	3.683	ug/l	99
24) 1,1-Dichloroethane	6.571	63	4288	0.877	ug/l #	82
25) 2-Butanone	7.482	43	7380	4.035	ug/l	96
26) 2,2-Dichloropropane	7.488	77	3751	0.866	ug/l	91
27) cis-1,2-Dichloroethene	7.488	96	2786	0.893	ug/l	94
28) Bromochloromethane	7.818	49	1999	0.957	ug/l #	86
29) Tetrahydrofuran	7.847	42	4627	3.784	ug/l	99
30) Chloroform	7.965	83	4340	0.901	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	3575	0.867	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	3030	0.877	ug/l	93
37) Ethyl Acetate	7.559	43	3175	0.874	ug/l #	69
38) Carbon Tetrachloride	8.359	117	2873	0.869	ug/l #	85
39) Methylcyclohexane	9.600	83	3255	0.801	ug/l	92
40) Benzene	8.606	78	10071	0.908	ug/l	96
41) Methacrylonitrile	7.782	41	1615	0.775	ug/l #	57
42) 1,2-Dichloroethane	8.665	62	3087	0.874	ug/l	80
43) Isopropyl Acetate	8.682	43	8505m	0.980	ug/l	
44) Trichloroethene	9.353	130	2284	0.866	ug/l	93
45) 1,2-Dichloropropane	9.618	63	2325	0.861	ug/l	100

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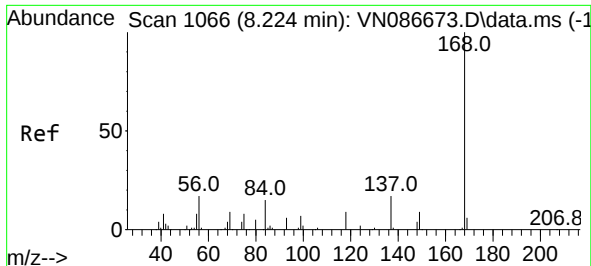
Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2025
 Supervised By : Mahesh Dadoda 05/19/2025

Quant Time: May 17 00:11:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
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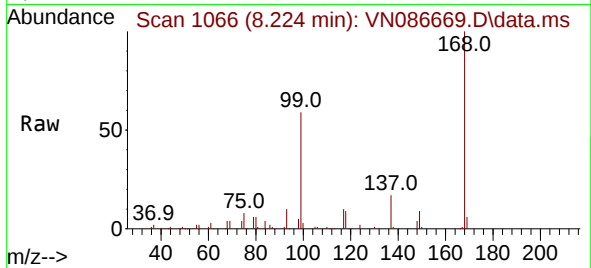
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.706	93	1521	0.878	ug/l	95
47) Bromodichloromethane	9.882	83	3268	0.875	ug/l #	87
48) Methyl methacrylate	9.676	41	2282	0.725	ug/l	97
49) 1,4-Dioxane	9.700	88	978	17.569	ug/l #	73
51) 4-Methyl-2-Pentanone	10.441	43	14811	4.011	ug/l	97
52) Toluene	10.623	92	5713	0.826	ug/l	91
53) t-1,3-Dichloropropene	10.835	75	3234	0.783	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	3626	0.798	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	2419	0.970	ug/l #	79
56) Ethyl methacrylate	10.870	69	3289	0.722	ug/l	96
57) 1,3-Dichloropropane	11.159	76	3826	0.866	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	6624	3.099	ug/l	99
59) 2-Hexanone	11.194	43	10521	3.837	ug/l	91
60) Dibromochloromethane	11.359	129	2253	0.825	ug/l	98
61) 1,2-Dibromoethane	11.470	107	2160	0.855	ug/l	99
64) Tetrachloroethene	11.100	164	2329	0.929	ug/l	88
65) Chlorobenzene	11.888	112	6720	0.922	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.953	131	2204	0.917	ug/l #	60
67) Ethyl Benzene	11.959	91	11189	0.855	ug/l	95
68) m/p-Xylenes	12.065	106	7721	1.572	ug/l	97
69) o-Xylene	12.394	106	3944	0.809	ug/l	95
70) Styrene	12.412	104	6208	0.767	ug/l	99
71) Bromoform	12.576	173	1394	0.771	ug/l #	99
73) Isopropylbenzene	12.694	105	9008	0.921	ug/l	96
74) N-amyl acetate	12.488	43	3655	0.762	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	2752	0.969	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	2756m	0.972	ug/l	
77) Bromobenzene	12.976	156	2503	1.142	ug/l	93
78) n-propylbenzene	13.029	91	10063	0.875	ug/l	95
79) 2-Chlorotoluene	13.123	91	6658	0.921	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	6811	0.851	ug/l	100
82) 4-Chlorotoluene	13.217	91	6587	0.920	ug/l	94
83) tert-Butylbenzene	13.435	119	6176	0.889	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	6564	0.807	ug/l	99
85) sec-Butylbenzene	13.611	105	7764	0.811	ug/l	100
86) p-Isopropyltoluene	13.729	119	6368	0.807	ug/l	94
87) 1,3-Dichlorobenzene	13.729	146	3900	0.951	ug/l	94
88) 1,4-Dichlorobenzene	13.806	146	3823m	0.928	ug/l	
89) n-Butylbenzene	14.053	91	5382	0.777	ug/l	97
90) Hexachloroethane	14.329	117	1038	0.782	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	3792	0.954	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	395	0.702	ug/l #	65
93) 1,2,4-Trichlorobenzene	15.394	180	1389	0.741	ug/l	88
94) Hexachlorobutadiene	15.500	225	752	1.056	ug/l	82
95) Naphthalene	15.635	128	5170	0.777	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	1509	0.847	ug/l	91

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

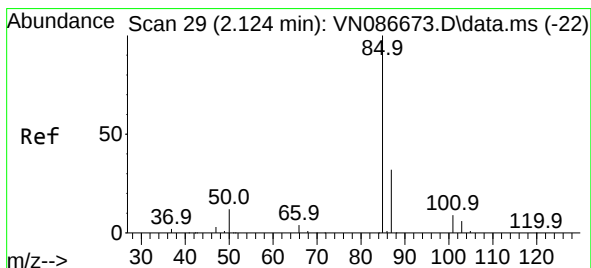
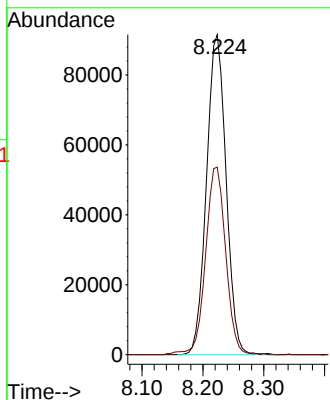
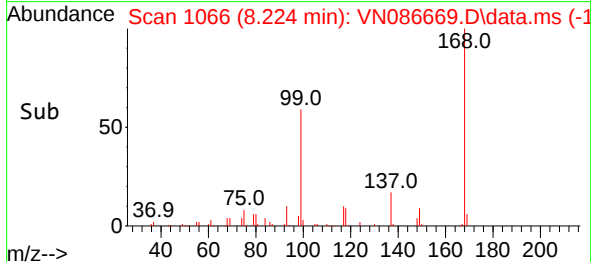
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 20443
Ion Ratio Lower Upper
168 100
99 58.6 47.0 70.4

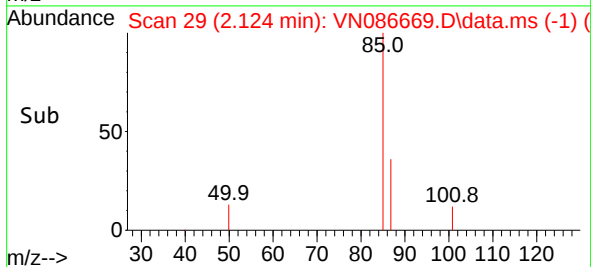
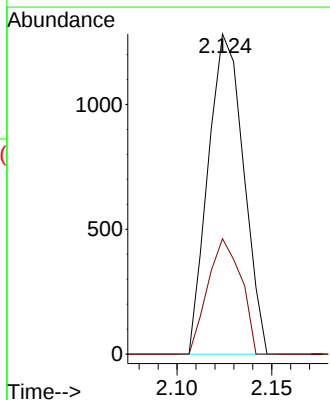
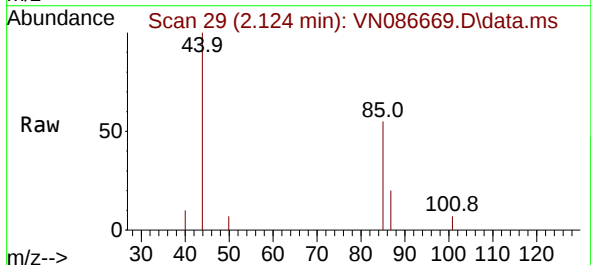
Manual Integrations
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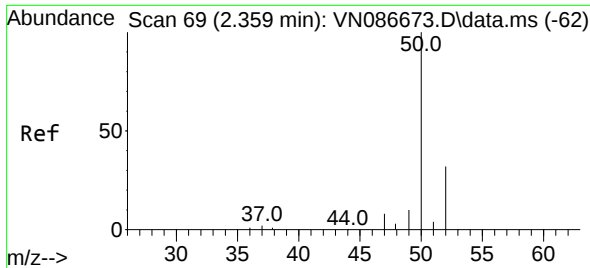
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#2
Dichlorodifluoromethane
Concen: 0.687 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 85 Resp: 1668
Ion Ratio Lower Upper
85 100
87 36.0 15.9 47.6





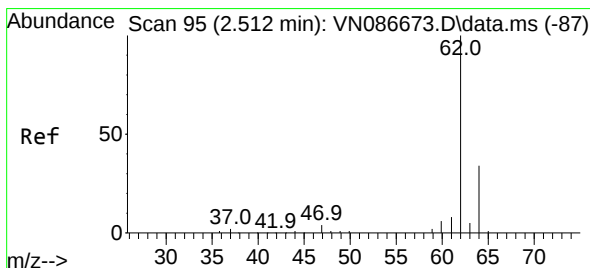
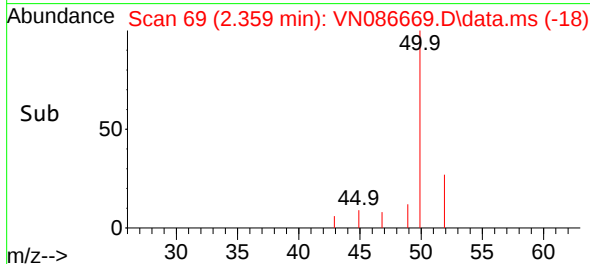
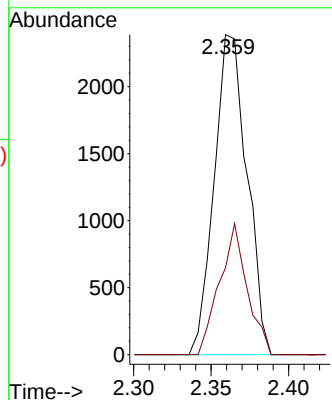
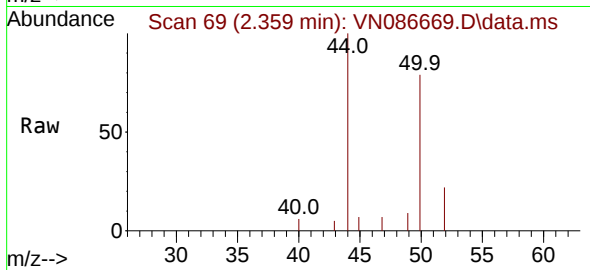
#3
Chloromethane
Concen: 0.992 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 27.1 25.9 38.9

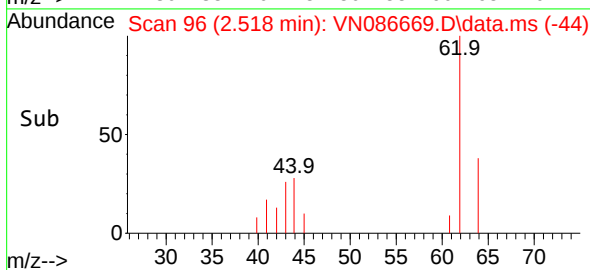
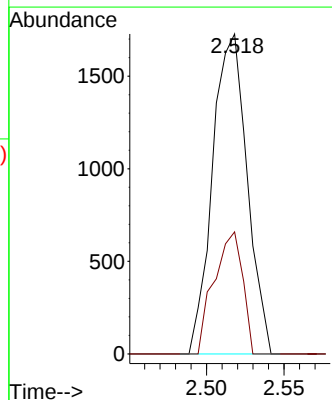
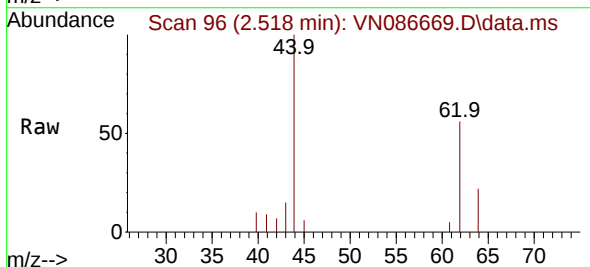
Manual Integrations
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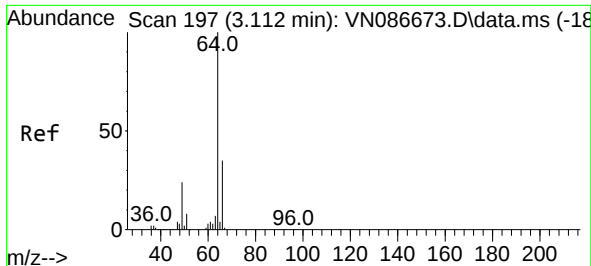
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#4
Vinyl Chloride
Concen: 0.803 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

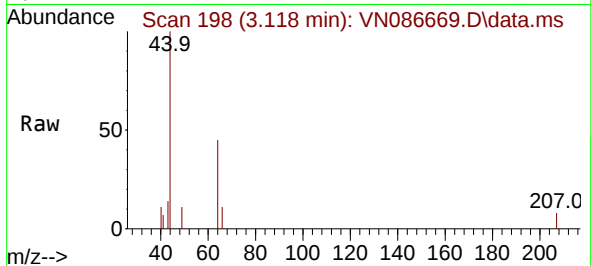
Tgt Ion: 62 Resp: 2679
Ion Ratio Lower Upper
62 100
64 38.1 26.9 40.3





#6
Chloroethane
Concen: 0.817 ug/l
RT: 3.118 min Scan# 197
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

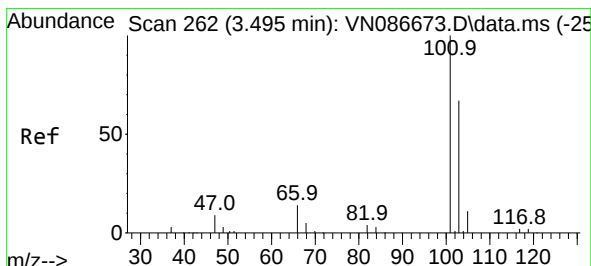
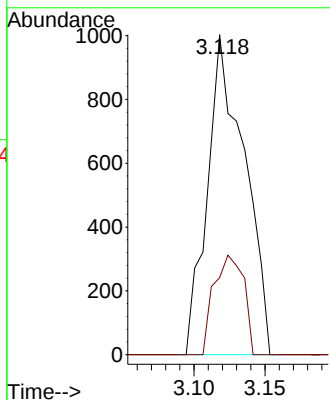
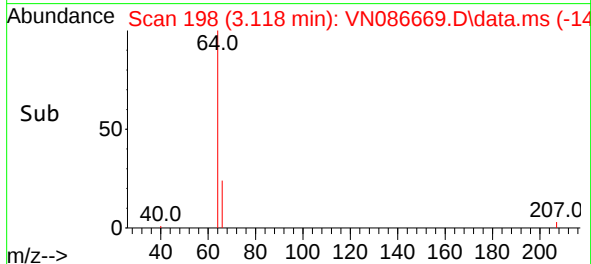
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 1819
Ion Ratio Lower Upper
64 100
66 24.1 27.7 41.5

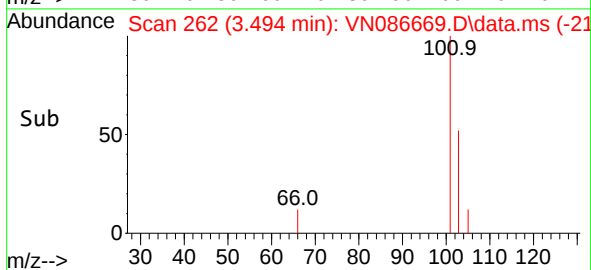
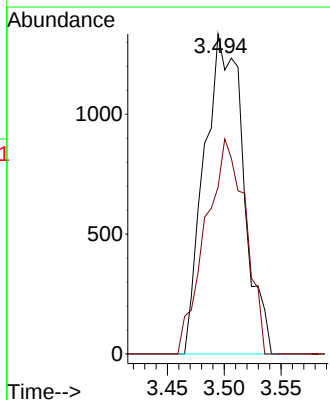
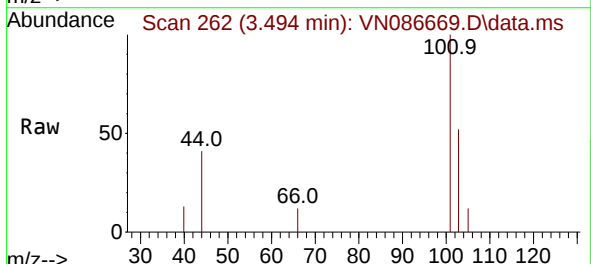
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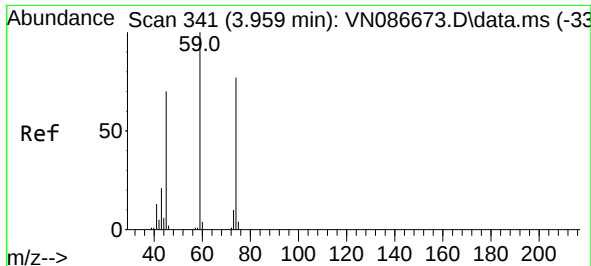
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#7
Trichlorofluoromethane
Concen: 0.851 ug/l
RT: 3.494 min Scan# 262
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

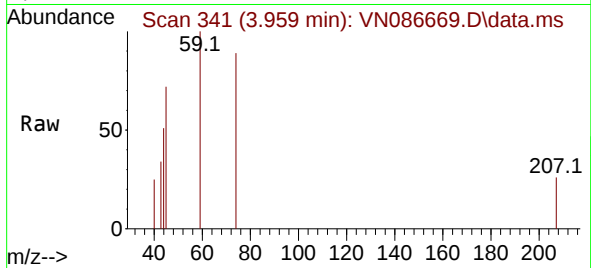
Tgt Ion:101 Resp: 3176
Ion Ratio Lower Upper
101 100
103 52.1 53.4 80.0#





#8
Diethyl Ether
Concen: 0.823 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

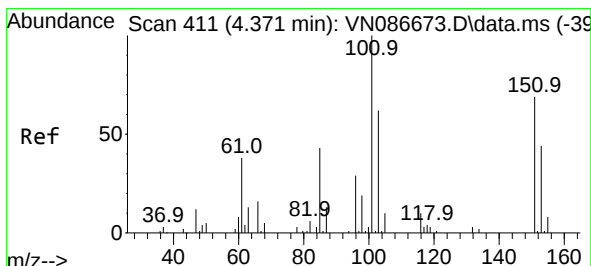
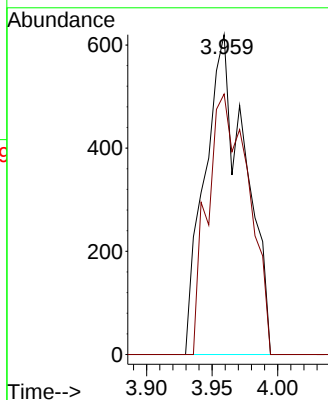
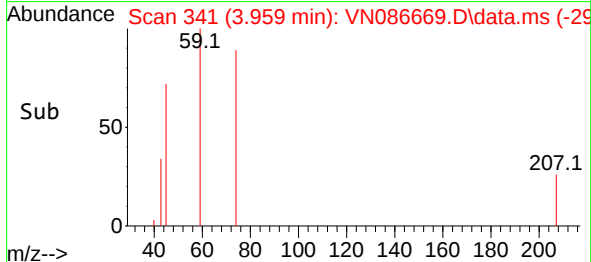
Instrument :
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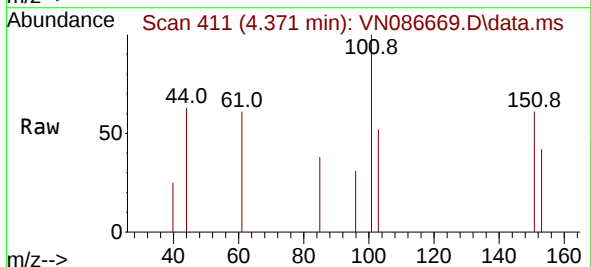
Tgt Ion: 74 Resp: 1329
Ion Ratio Lower Upper
74 100
45 83.2 45.0 135.0

Manual Integrations
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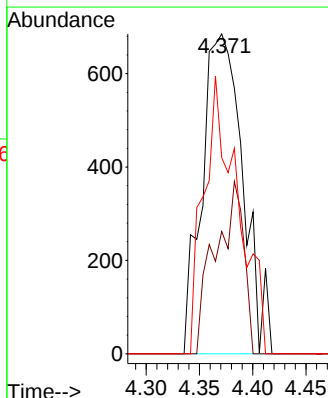
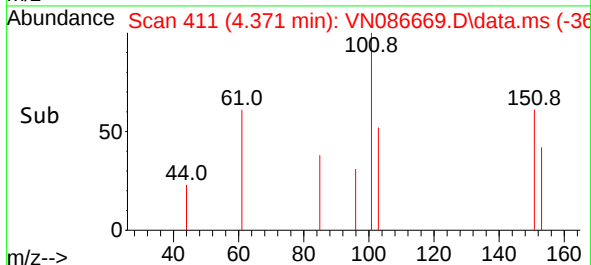
Reviewed By :John Carlone 05/19/2025
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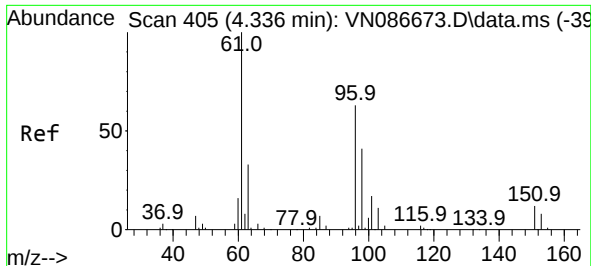


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.814 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31



Tgt Ion:101 Resp: 1834
Ion Ratio Lower Upper
101 100
85 37.3 35.0 52.6
151 71.8 58.1 87.1





#12

1,1-Dichloroethene

Concen: 0.904 ug/l

RT: 4.336 min Scan# 405

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 96 Resp: 217

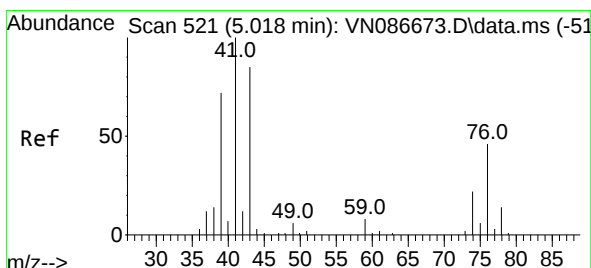
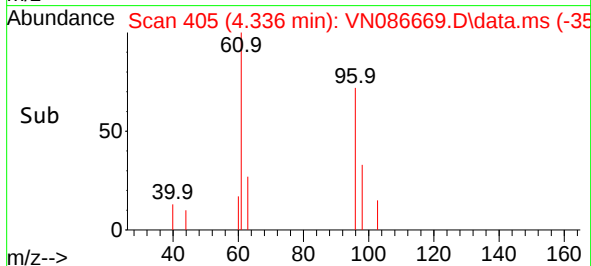
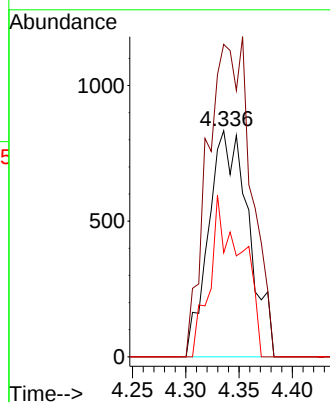
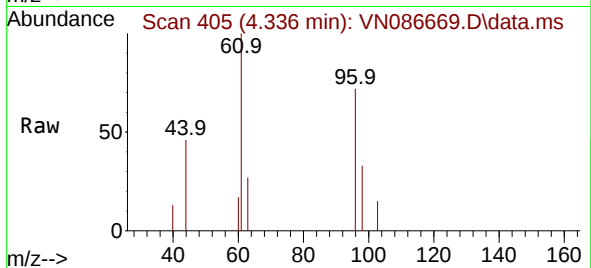
Ion	Ratio	Lower	Upper
96	100		
61	138.3	126.2	189.2
98	46.1	51.5	77.3

Manual Integrations

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Supervised By :Mahesh Dadoda 05/19/2025



#14

Allyl chloride

Concen: 0.764 ug/l

RT: 5.024 min Scan# 522

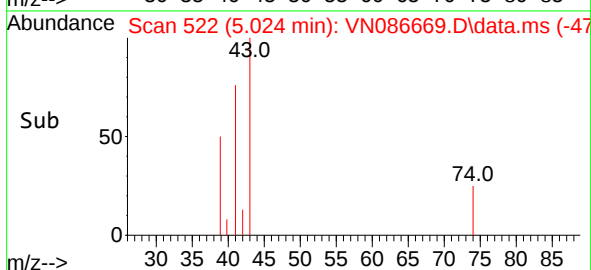
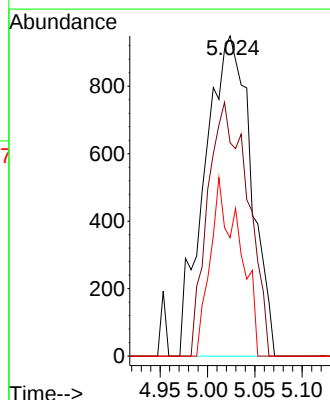
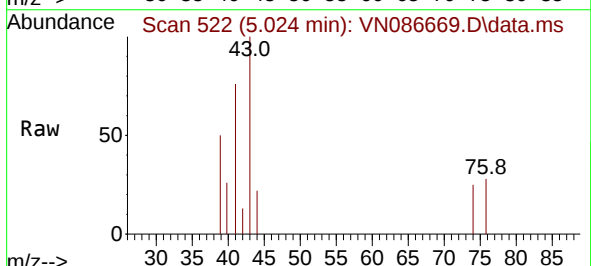
Delta R.T. 0.006 min

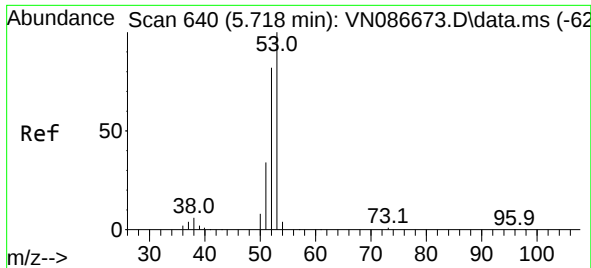
Lab File: VN086669.D

Acq: 16 May 2025 16:31

Tgt Ion: 41 Resp: 3215

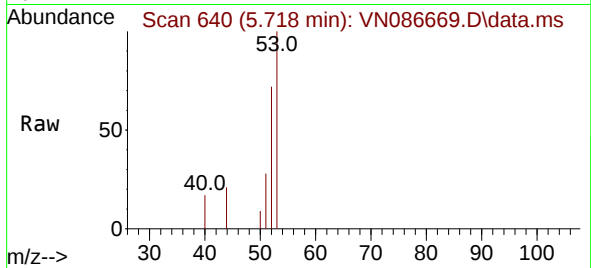
Ion	Ratio	Lower	Upper
41	100		
39	68.8	57.4	86.0
76	35.3	33.2	49.8





#15
Acrylonitrile
Concen: 4.060 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

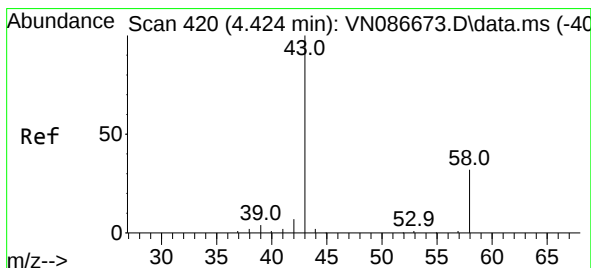
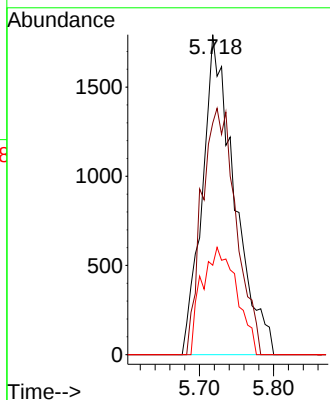
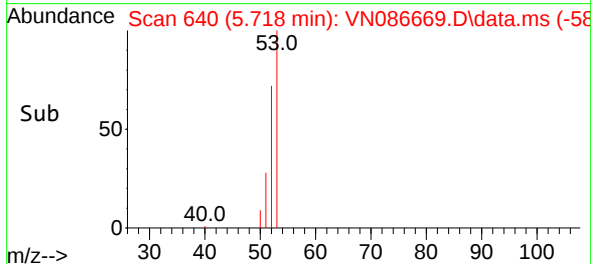
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



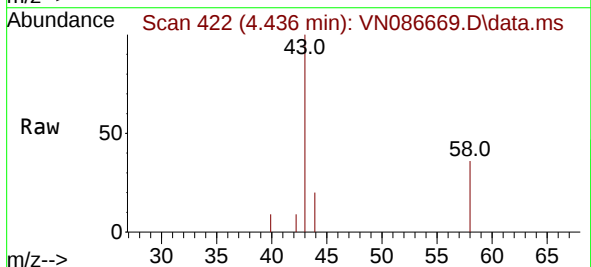
Tgt Ion: 53 Resp: 541
Ion Ratio Lower Upper
53 100
52 81.7 65.4 98.2
51 36.2 27.9 41.9

Manual Integrations
APPROVED

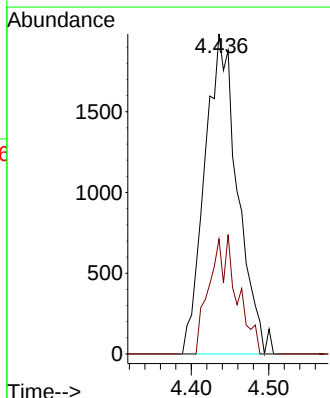
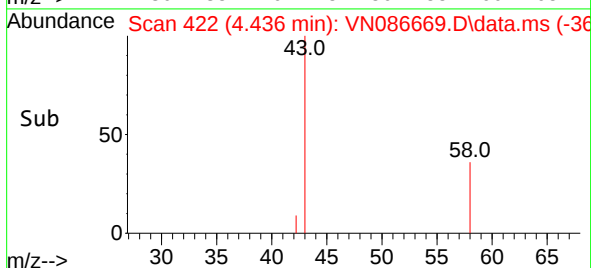
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

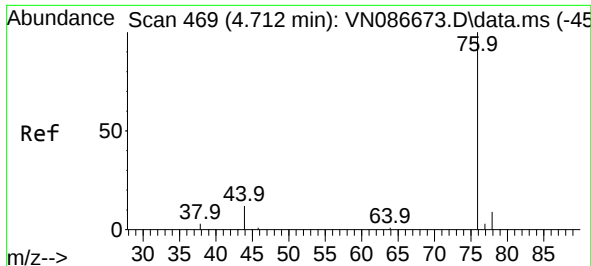


#16
Acetone
Concen: 4.962 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31



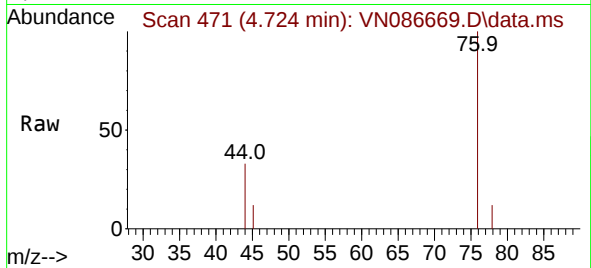
Tgt Ion: 43 Resp: 5855
Ion Ratio Lower Upper
43 100
58 35.9 25.8 38.6





#17
Carbon Disulfide
Concen: 0.825 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

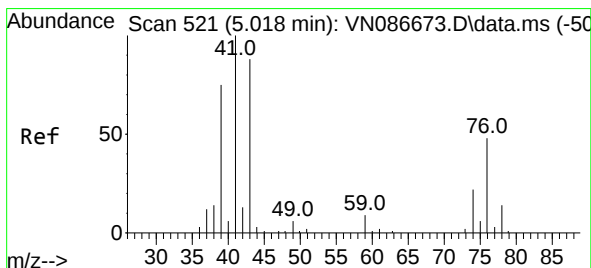
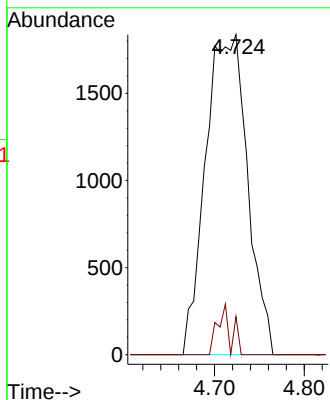
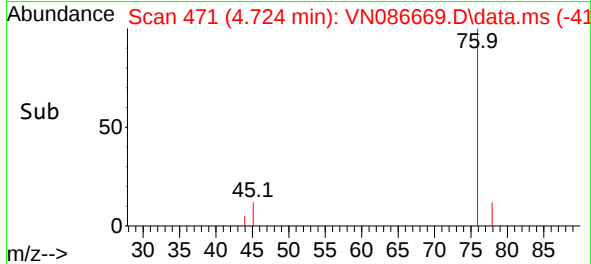
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



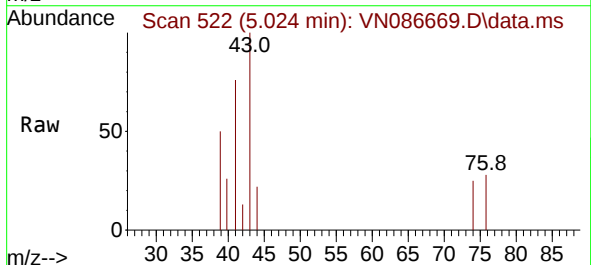
Tgt Ion: 76 Resp: 5938
Ion Ratio Lower Upper
76 100
78 11.9 7.3 10.9

Manual Integrations
APPROVED

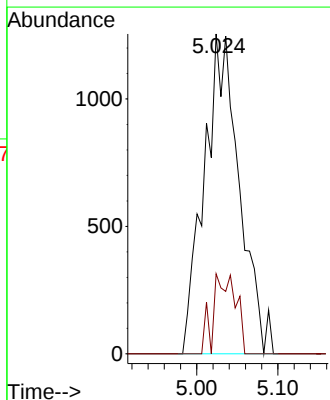
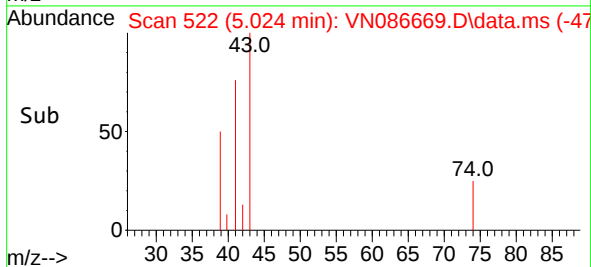
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

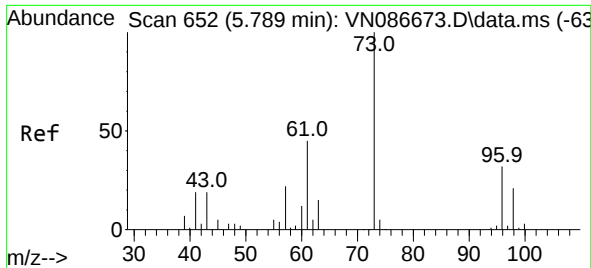


#18
Methyl Acetate
Concen: 1.087 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31



Tgt Ion: 43 Resp: 3780
Ion Ratio Lower Upper
43 100
74 16.2 20.5 30.7





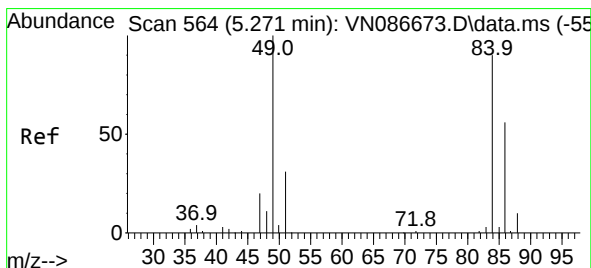
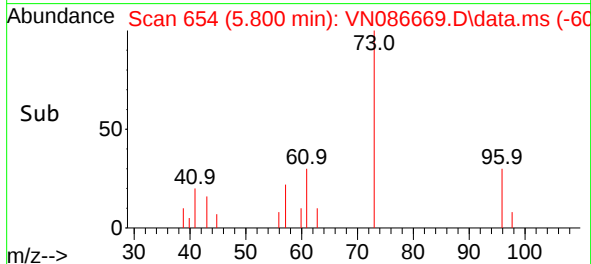
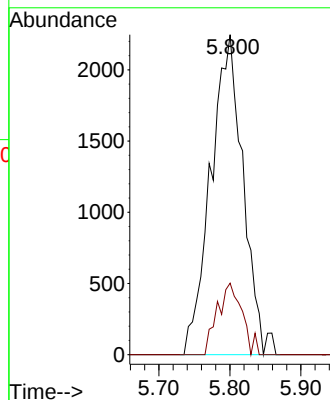
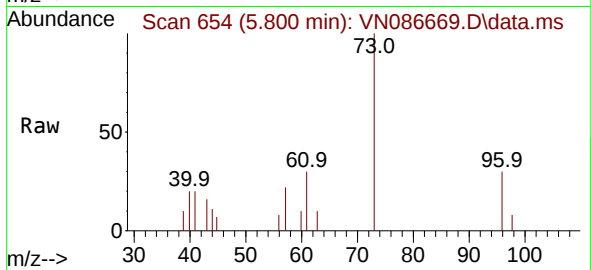
#19
Methyl tert-butyl Ether
Concen: 0.810 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 710
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

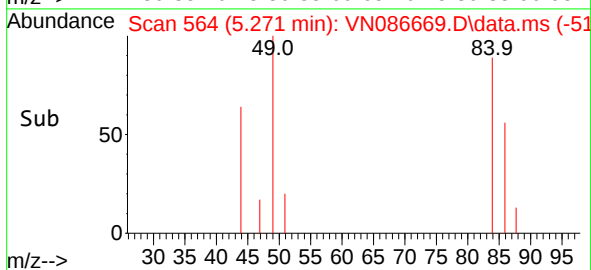
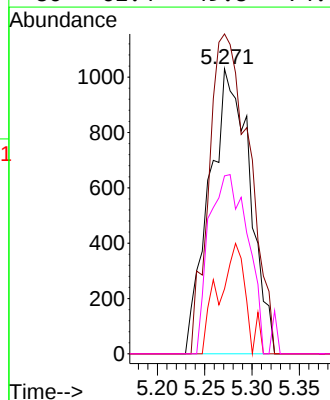
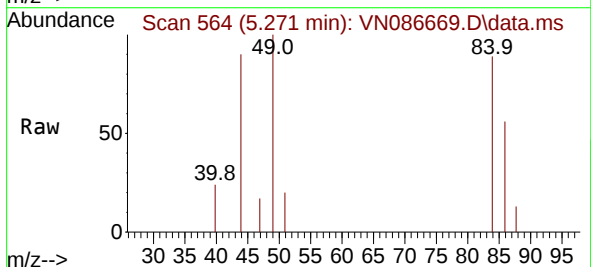
Manual Integrations
APPROVED

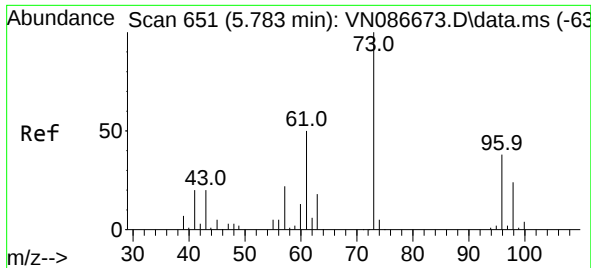
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#20
Methylene Chloride
Concen: 1.110 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 84 Resp: 3050
Ion Ratio Lower Upper
84 100
49 112.2 88.8 133.2
51 22.8 27.8 41.6#
86 62.4 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 0.894 ug/l
RT: 5.794 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

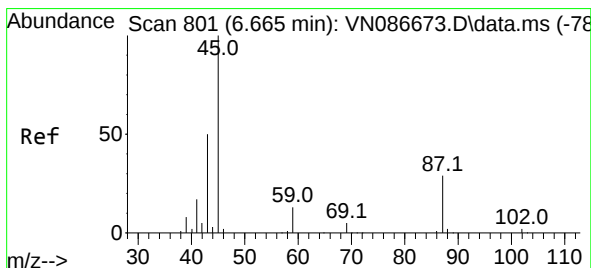
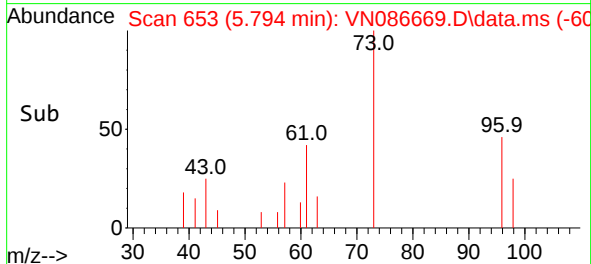
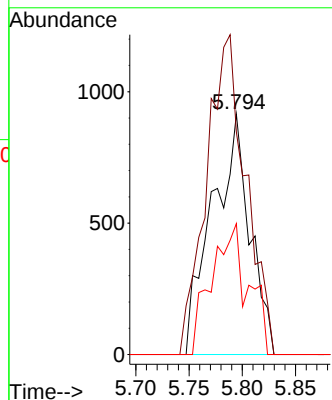
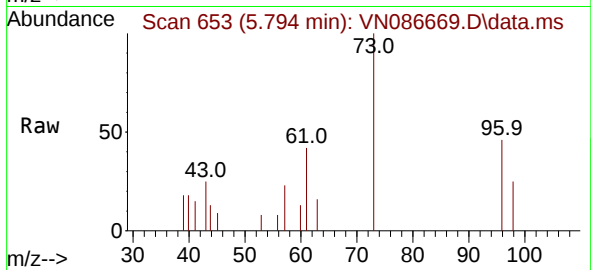
VSTDIC001

Tgt Ion: 96 Resp: 2250
Ion Ratio Lower Upper
96 100
61 92.6 105.7 158.5
98 54.4 51.0 76.6

Manual Integrations

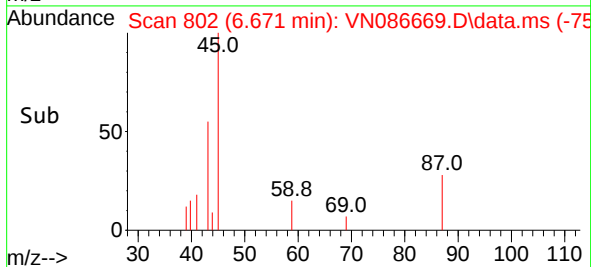
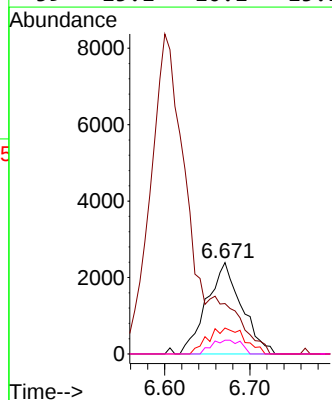
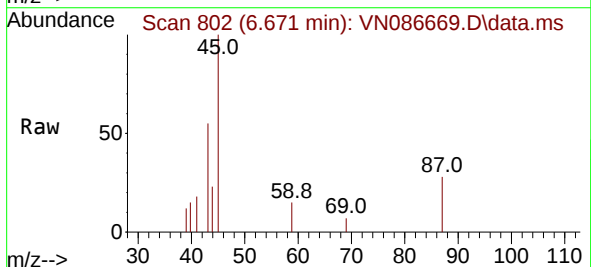
APPROVED

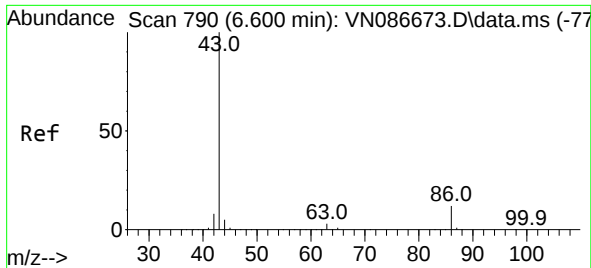
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#22
Diisopropyl ether
Concen: 0.743 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 45 Resp: 6818
Ion Ratio Lower Upper
45 100
43 55.1 41.4 62.2
87 28.4 22.9 34.3
59 15.1 10.1 15.1#





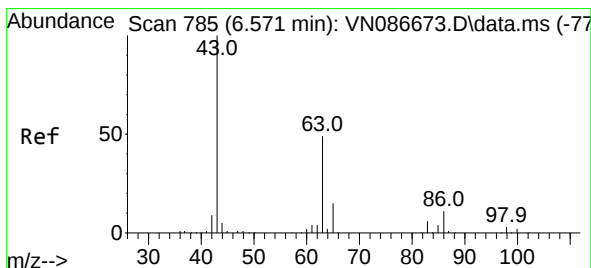
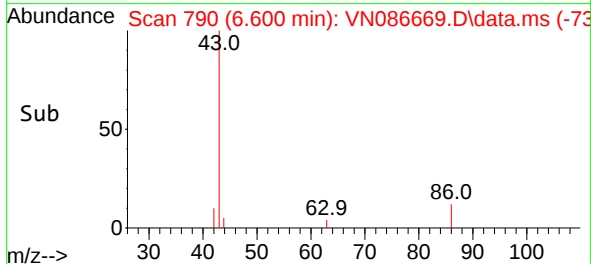
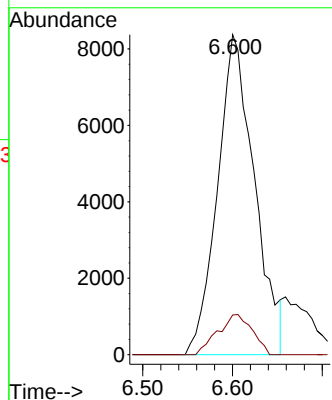
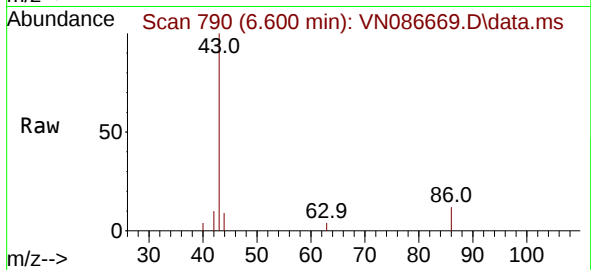
#23
 Vinyl Acetate
 Concen: 3.683 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC001

Tgt Ion: 43 Resp: 2389
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.5 14.3

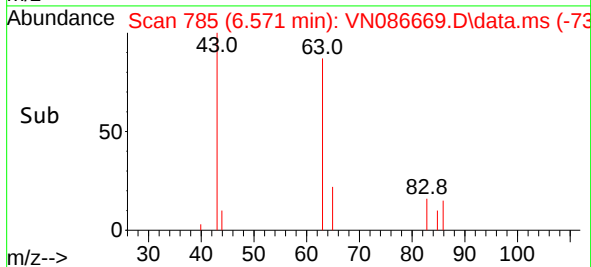
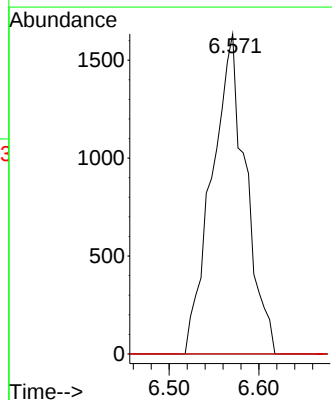
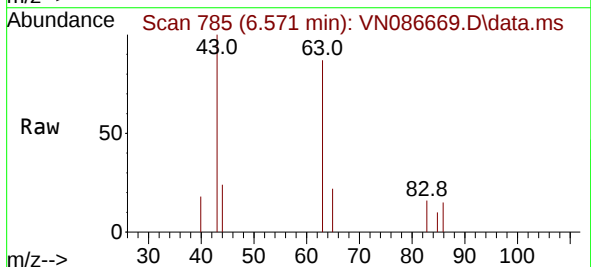
Manual Integrations
 APPROVED

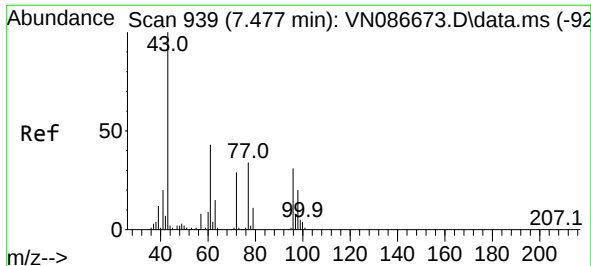
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#24
 1,1-Dichloroethane
 Concen: 0.877 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

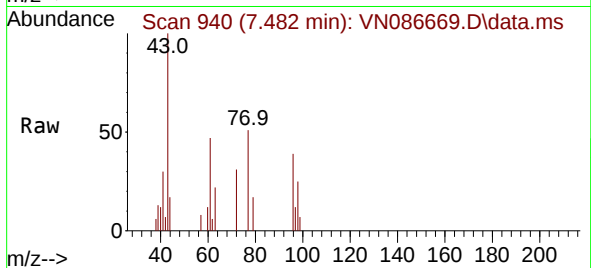
Tgt Ion: 63 Resp: 4288
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.4 7.1#





#25
2-Butanone
Concen: 4.035 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

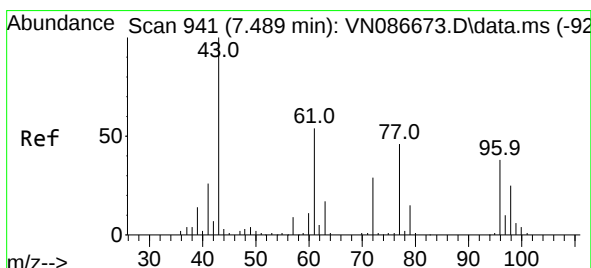
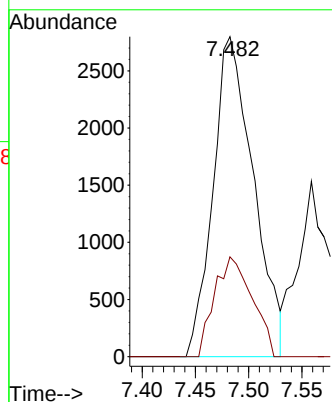
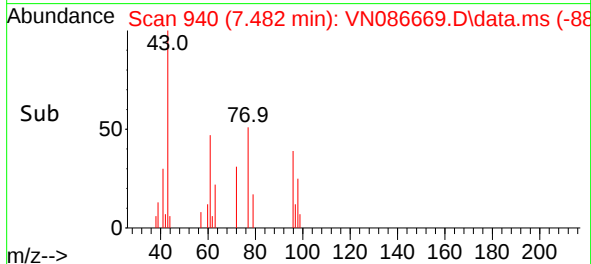
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 7380
Ion Ratio Lower Upper
43 100
72 31.2 23.1 34.7

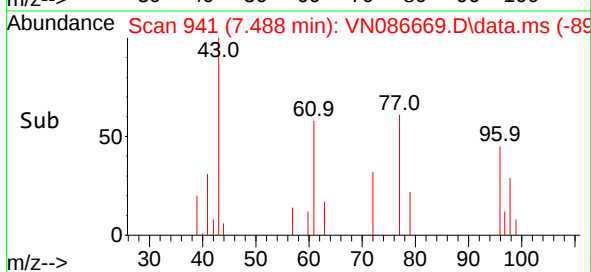
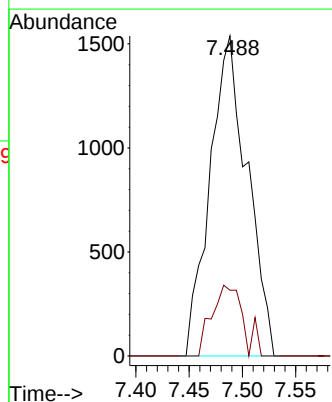
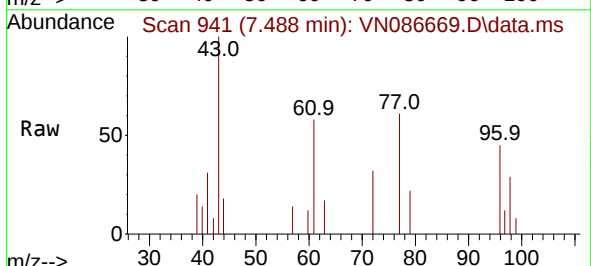
Manual Integrations
APPROVED

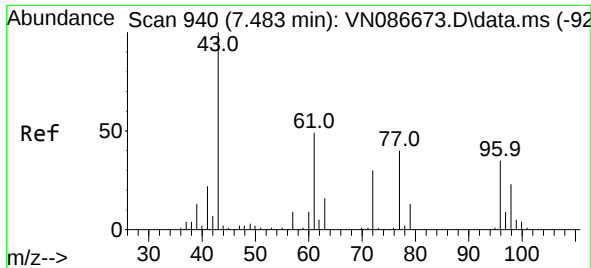
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#26
2,2-Dichloropropane
Concen: 0.866 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

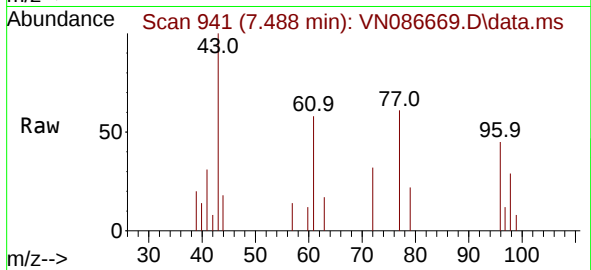
Tgt Ion: 77 Resp: 3751
Ion Ratio Lower Upper
77 100
97 18.5 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 0.893 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

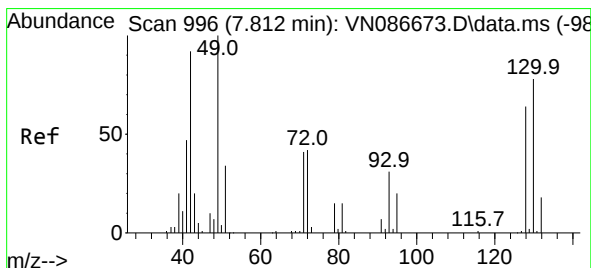
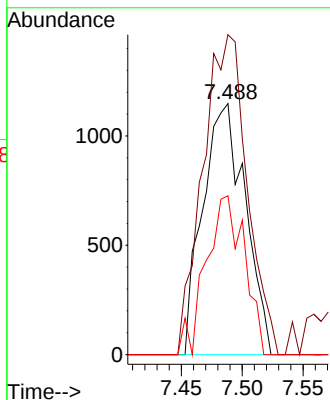
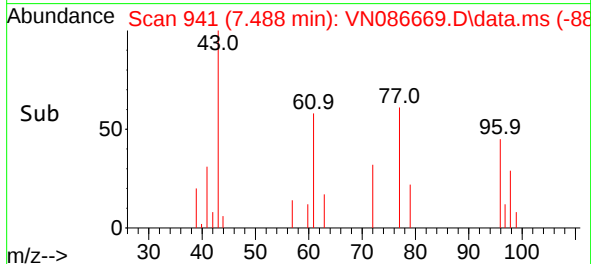
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 2780
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 277.4
 98 57.1 0.0 129.6

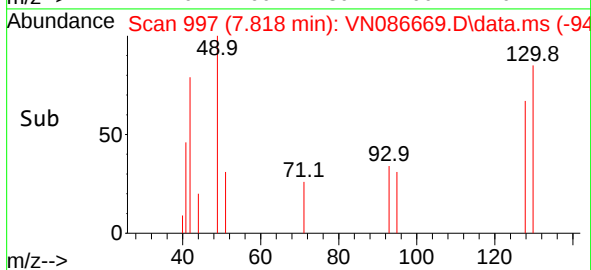
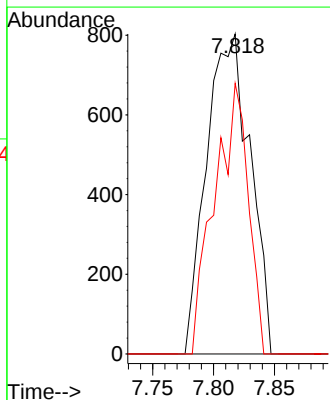
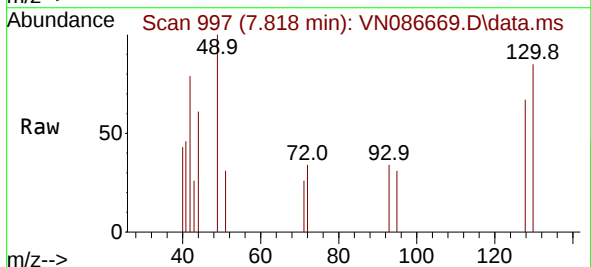
Manual Integrations
 APPROVED

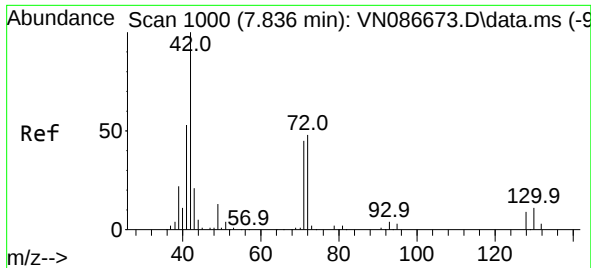
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#28
 Bromochloromethane
 Concen: 0.957 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

Tgt Ion: 49 Resp: 1999
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 65.2 62.2 93.4





#29

Tetrahydrofuran

Concen: 3.784 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

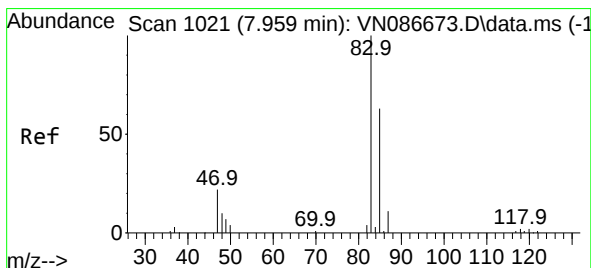
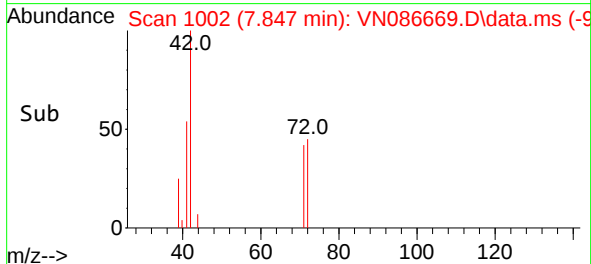
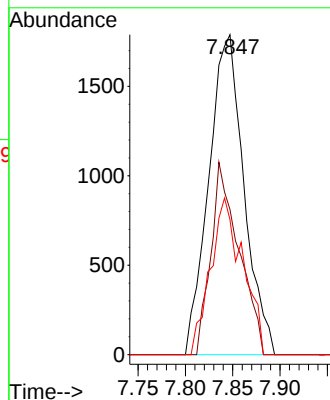
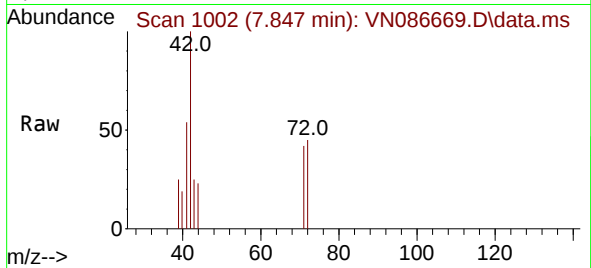
Tgt Ion: 42	Resp: 462
Ion Ratio	Lower Upper
42	100
72	47.7 38.7 58.1
71	45.1 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#30

Chloroform

Concen: 0.901 ug/l

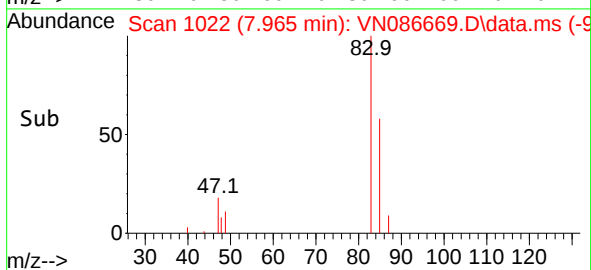
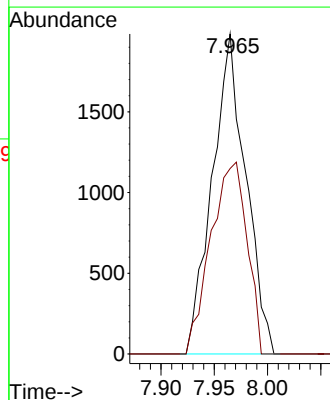
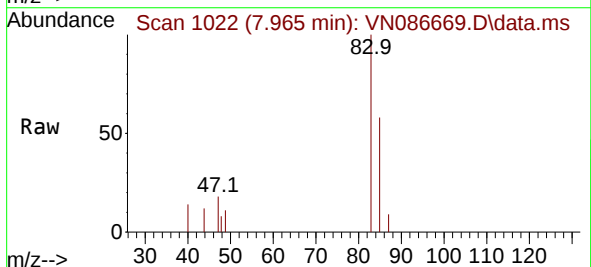
RT: 7.965 min Scan# 1022

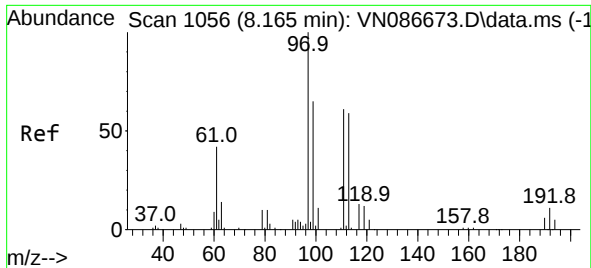
Delta R.T. 0.006 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

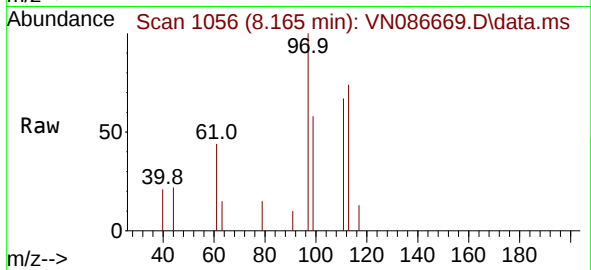
Tgt Ion: 83	Resp: 4340
Ion Ratio	Lower Upper
83	100
85	58.0 50.2 75.4





#32
 1,1,1-Trichloroethane
 Concen: 0.867 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

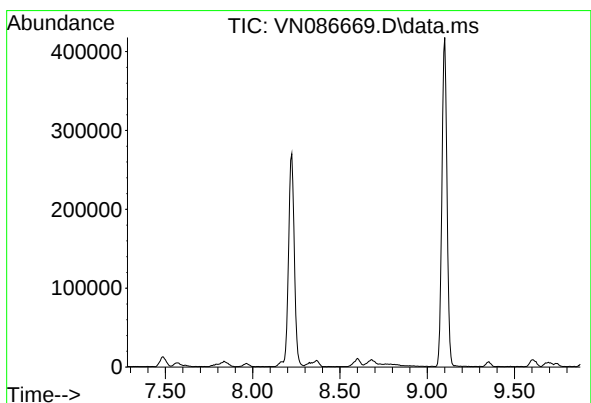
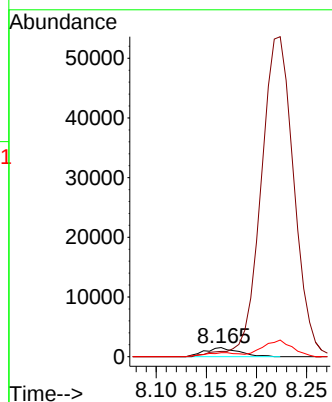
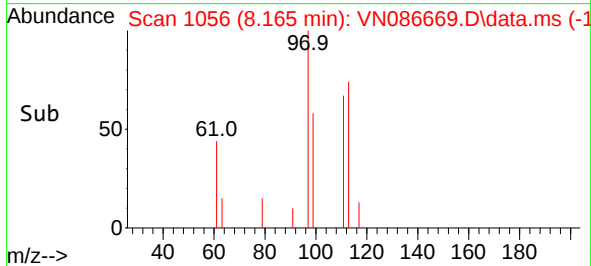
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 97 Resp: 357
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.6 79.0
 61 45.3 37.7 56.5

Manual Integrations
 APPROVED

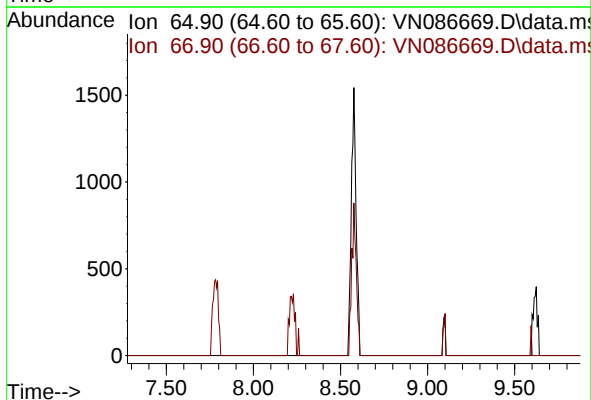
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025

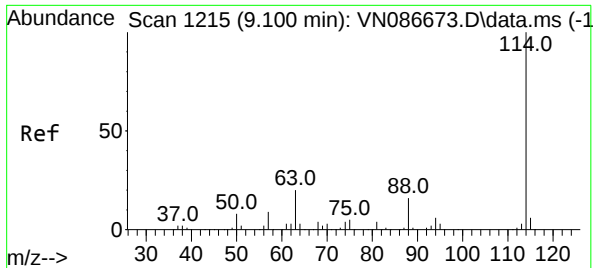


#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.58 min

Lab File: VN086669.D
 Acq: 16 May 2025 16:31

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 53.2





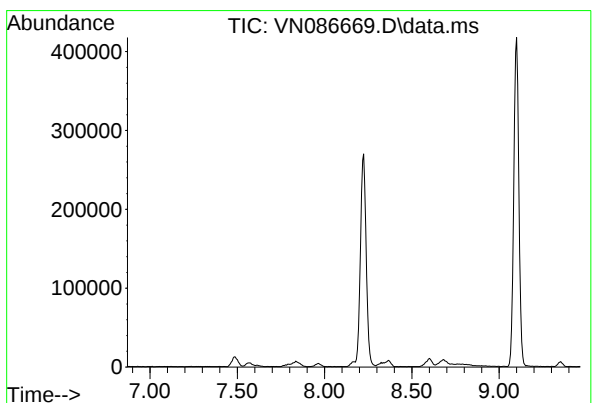
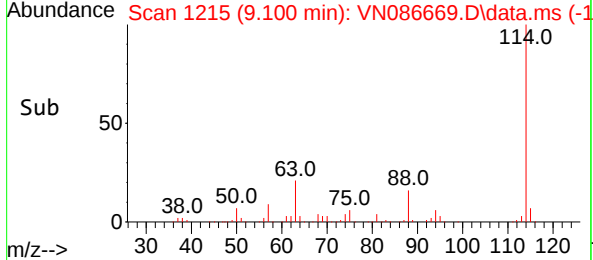
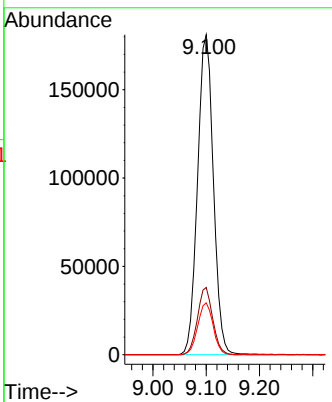
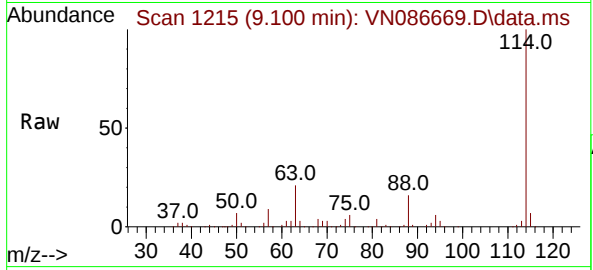
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

Instrument : MSVOA_N
 ClientSampleId : VSTDICC001

Tgt Ion:114	Resp:	37363
Ion Ratio	Lower	Upper
114	100	
63	21.0	0.0 40.2
88	16.2	0.0 31.2

Manual Integrations
 APPROVED

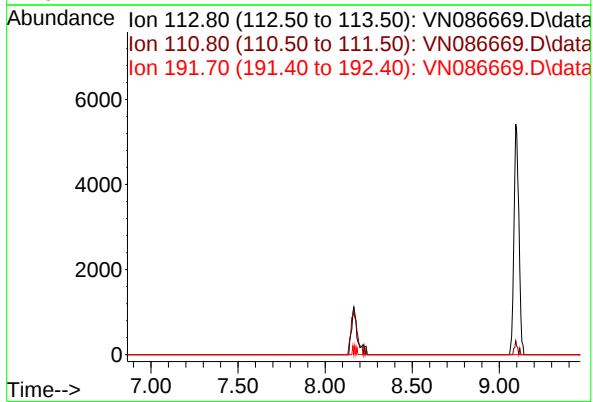
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025

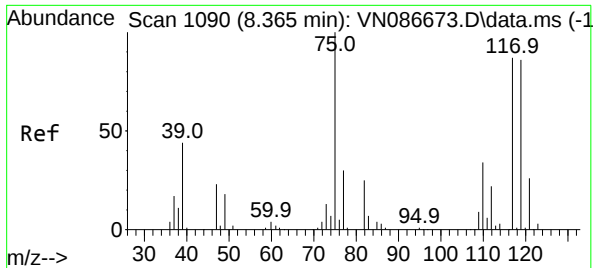


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 8.16 min

Lab File: VN086669.D
 Acq: 16 May 2025 16:31

Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.7
192 17.3





#36

1,1-Dichloropropene

Concen: 0.877 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 75 Resp: 3030

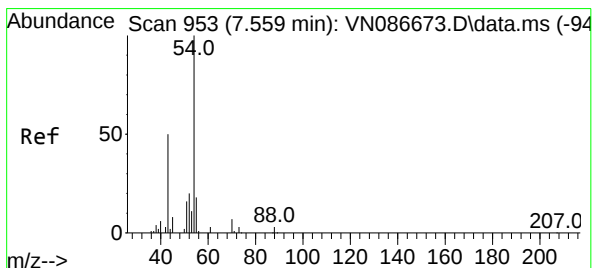
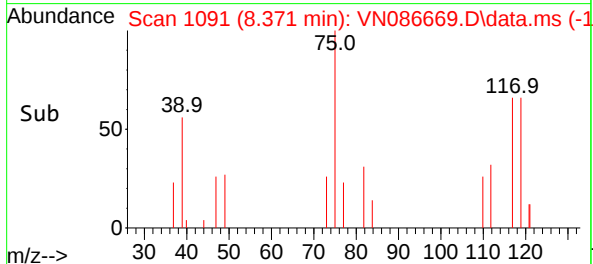
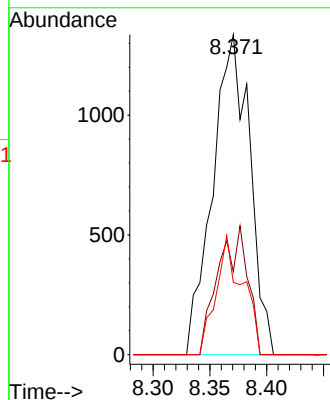
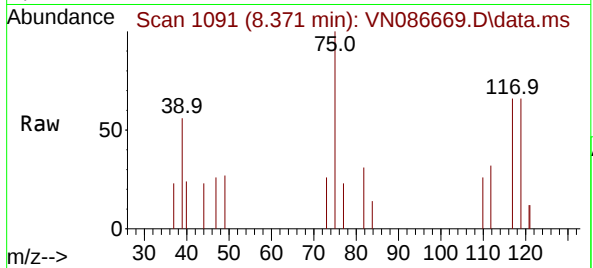
Ion	Ratio	Lower	Upper
75	100		
110	32.0	17.5	52.5
77	26.5	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#37

Ethyl Acetate

Concen: 0.874 ug/l

RT: 7.559 min Scan# 953

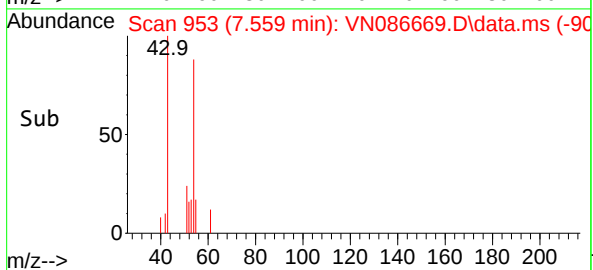
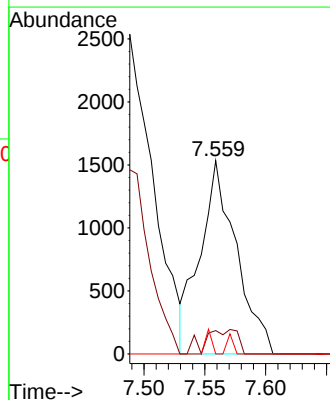
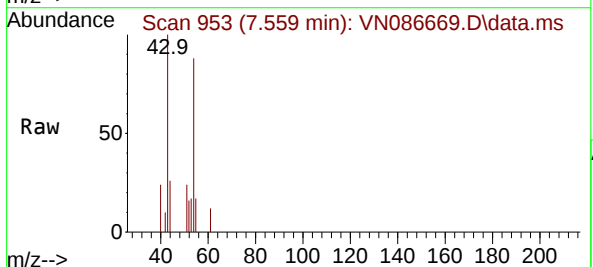
Delta R.T. -0.000 min

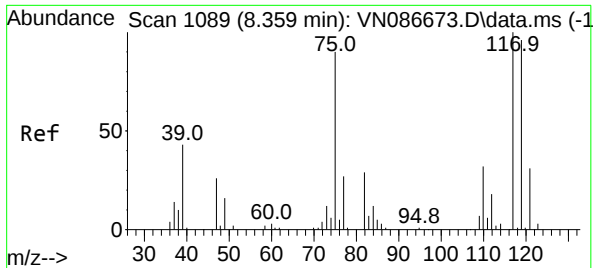
Lab File: VN086669.D

Acq: 16 May 2025 16:31

Tgt Ion: 43 Resp: 3175

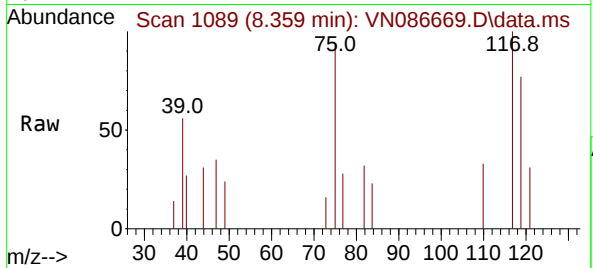
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	2.2	9.4	14.0#





#38
Carbon Tetrachloride
Concen: 0.869 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

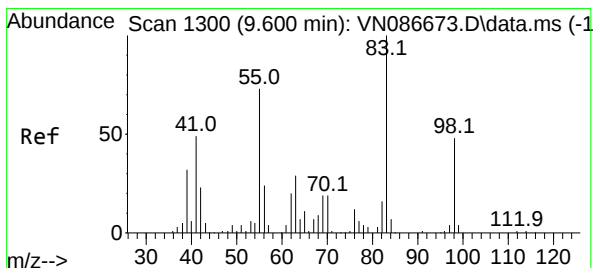
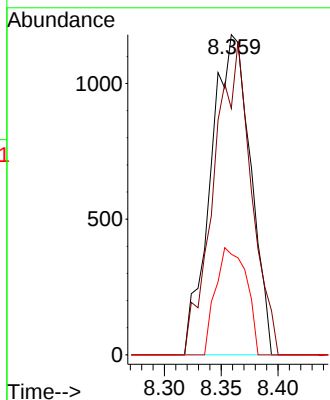
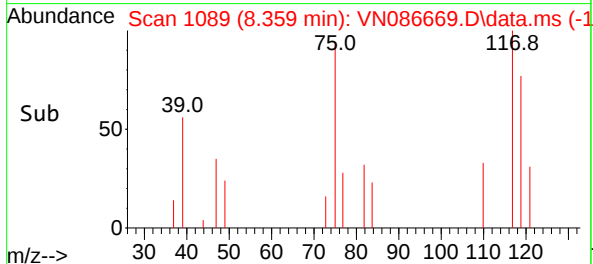
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



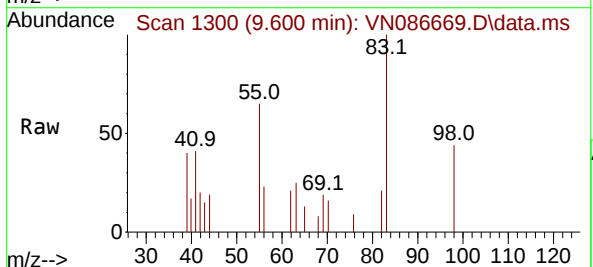
Tgt Ion: 117 Resp: 287
Ion Ratio Lower Upper
117 100
119 76.9 77.0 115.6
121 31.4 25.0 37.6

Manual Integrations
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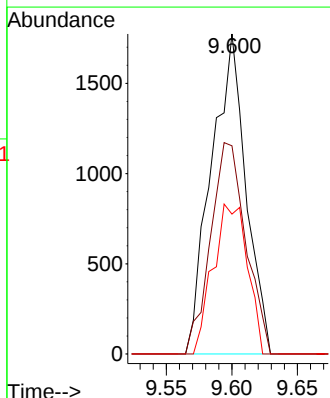
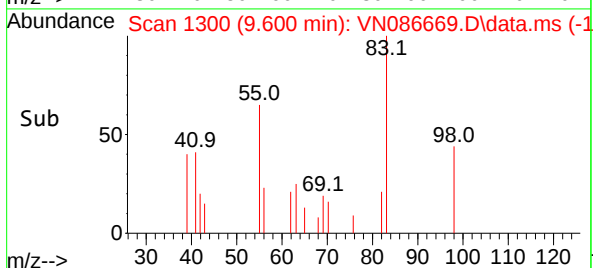
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

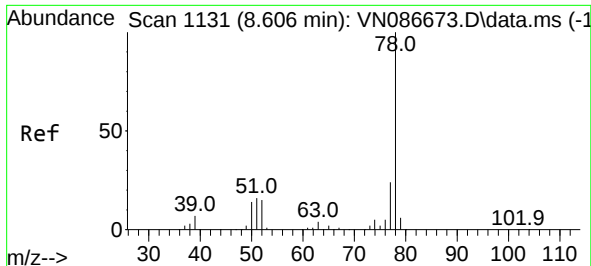


#39
Methylcyclohexane
Concen: 0.801 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31



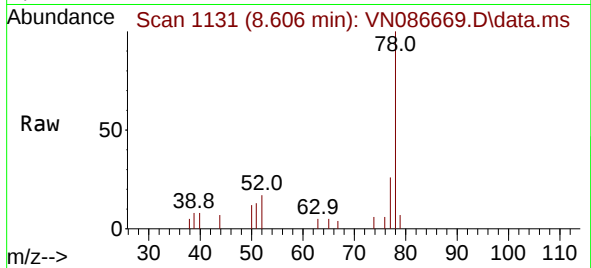
Tgt Ion: 83 Resp: 3255
Ion Ratio Lower Upper
83 100
55 65.1 58.2 87.4
98 43.7 38.4 57.6





#40
Benzene
Concen: 0.908 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

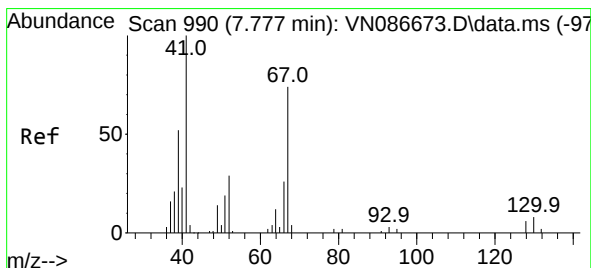
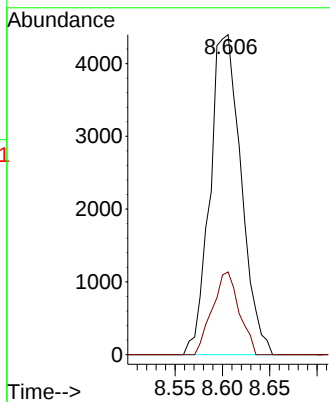
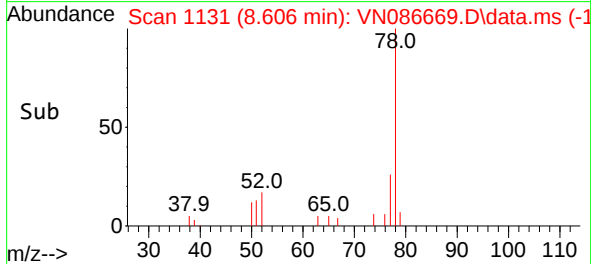
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 78 Resp: 1007
Ion Ratio Lower Upper
78 100
77 25.9 19.1 28.7

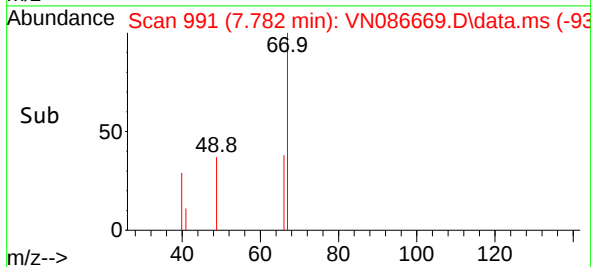
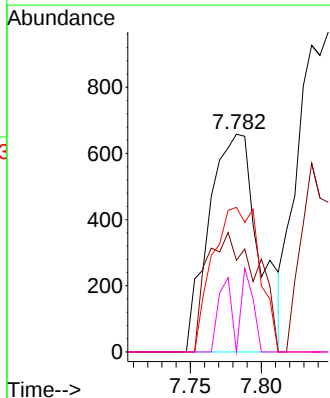
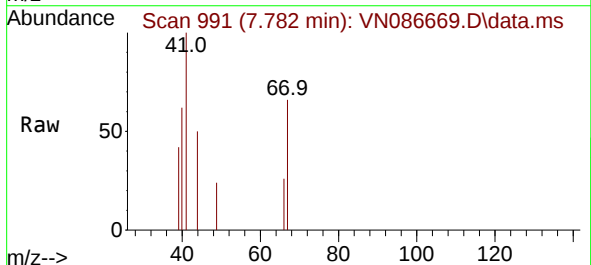
Manual Integrations
APPROVED

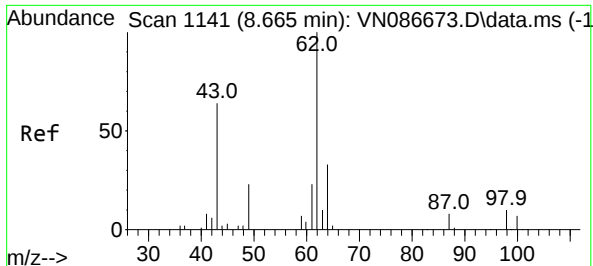
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#41
Methacrylonitrile
Concen: 0.775 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 41 Resp: 1615
Ion Ratio Lower Upper
41 100
39 0.0 44.9 67.3#
67 61.9 63.4 95.0#
52 9.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.874 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 308

Ion Ratio Lower Upper

62 100

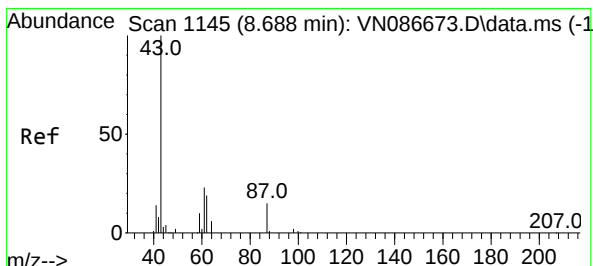
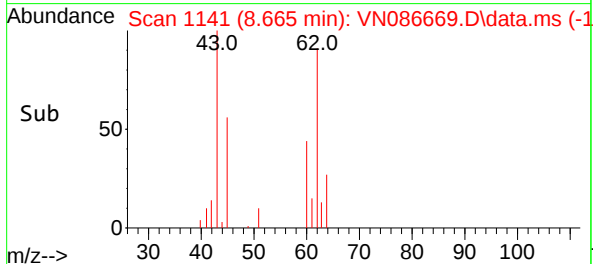
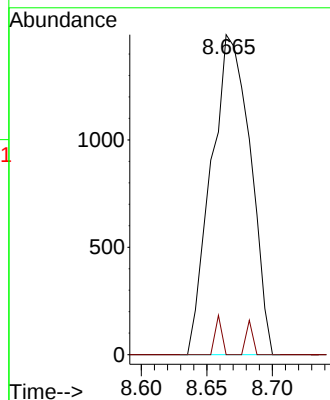
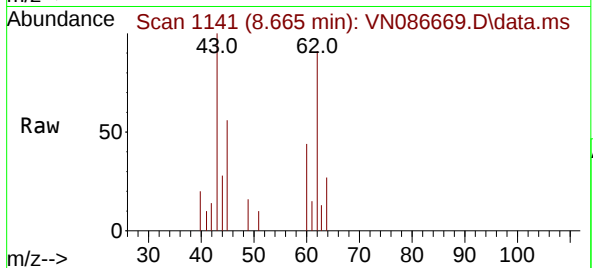
98 2.1 0.0 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#43

Isopropyl Acetate

Concen: 0.980 ug/l m

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

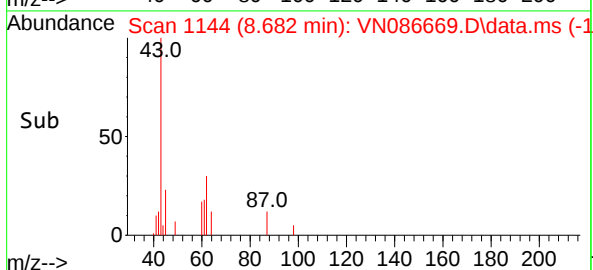
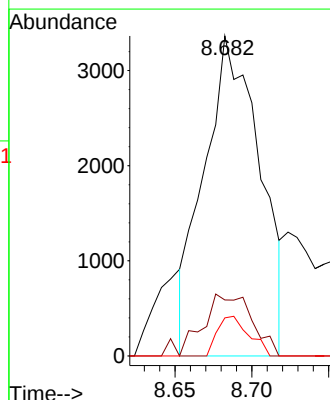
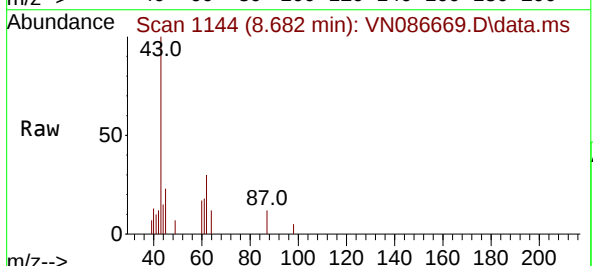
Tgt Ion: 43 Resp: 8505

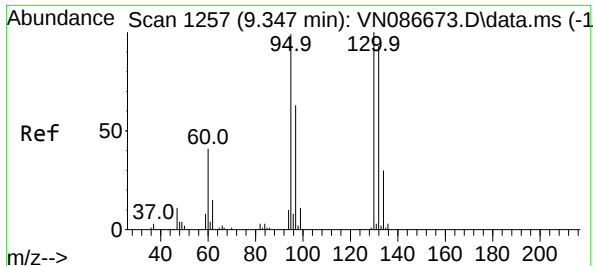
Ion Ratio Lower Upper

43 100

61 17.5 21.4 32.2#

87 7.0 11.1 16.7#





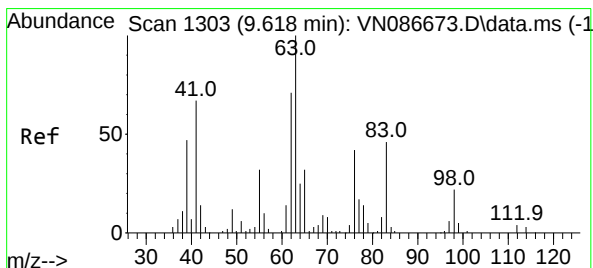
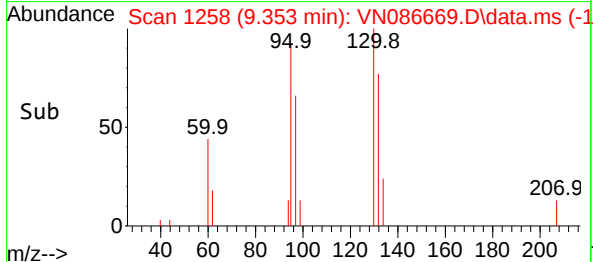
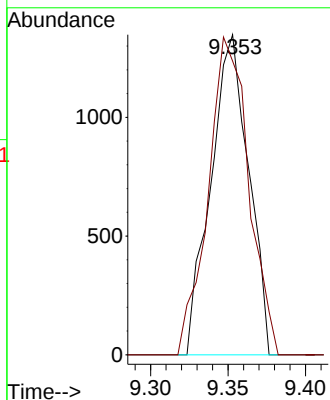
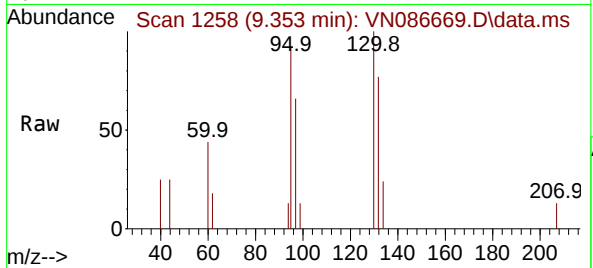
#44
Trichloroethene
Concen: 0.866 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:130 Resp: 2284
Ion Ratio Lower Upper
130 100
95 91.8 0.0 197.0

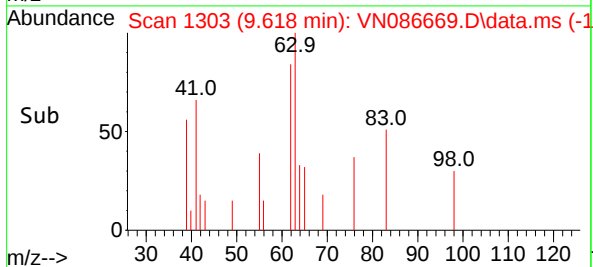
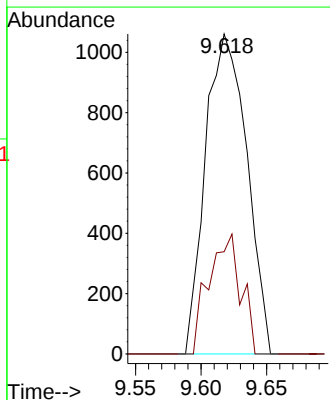
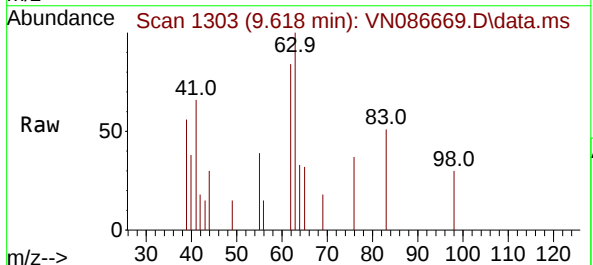
Manual Integrations
APPROVED

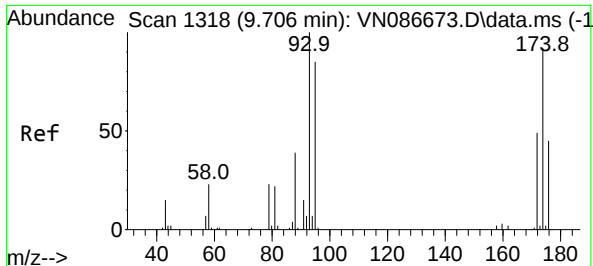
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#45
1,2-Dichloropropane
Concen: 0.861 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 63 Resp: 2325
Ion Ratio Lower Upper
63 100
65 32.0 25.8 38.6





#46

Dibromomethane

Concen: 0.878 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 93 Resp: 152

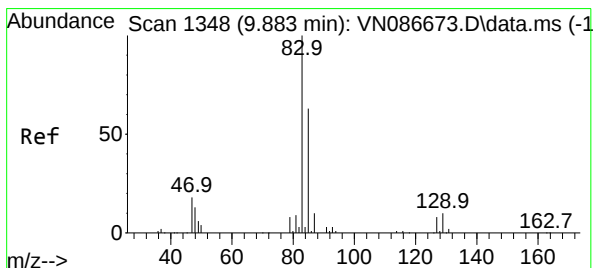
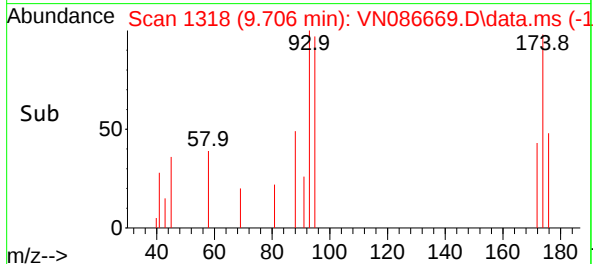
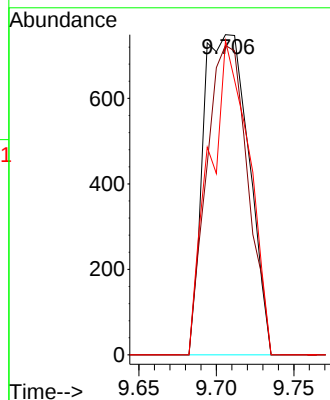
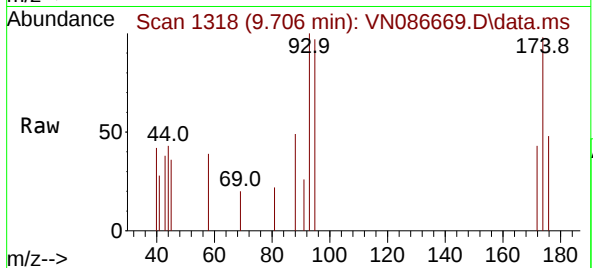
Ion	Ratio	Lower	Upper
93	100		
95	87.6	67.1	100.7
174	86.5	73.8	110.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#47

Bromodichloromethane

Concen: 0.875 ug/l

RT: 9.882 min Scan# 1348

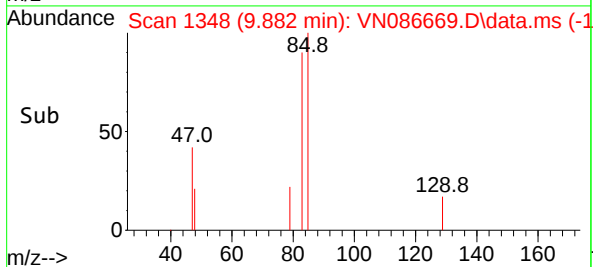
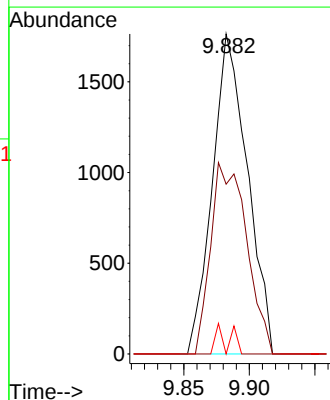
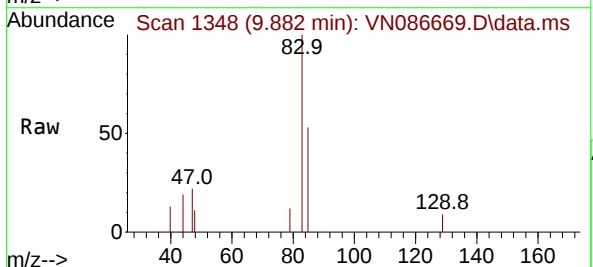
Delta R.T. -0.000 min

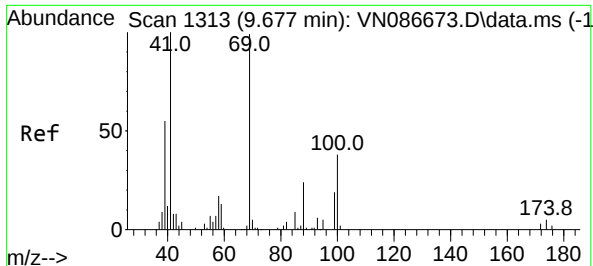
Lab File: VN086669.D

Acq: 16 May 2025 16:31

Tgt Ion: 83 Resp: 3268

Ion	Ratio	Lower	Upper
83	100		
85	53.1	50.1	75.1
127	0.0	6.2	9.4





#48

Methyl methacrylate

Concen: 0.725 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

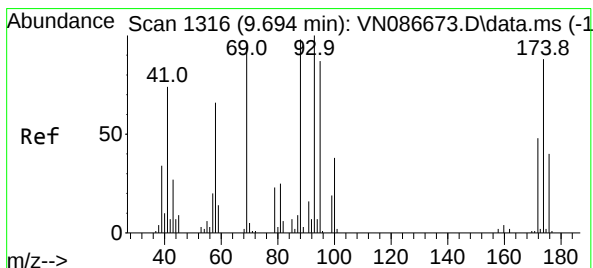
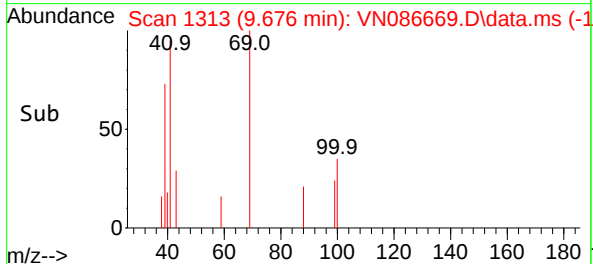
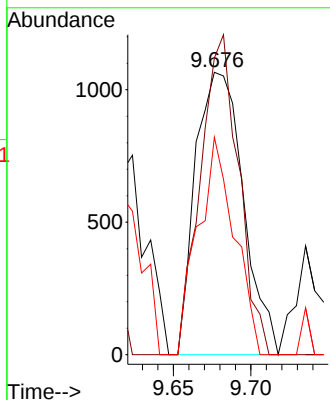
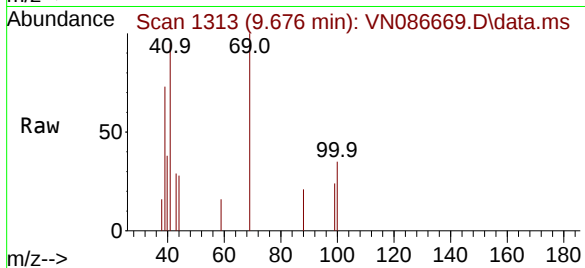
Tgt Ion: 41 Resp: 228
 Ion Ratio Lower Upper
 41 100
 69 90.7 74.1 111.1
 39 59.2 44.1 66.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#49

1,4-Dioxane

Concen: 17.569 ug/l

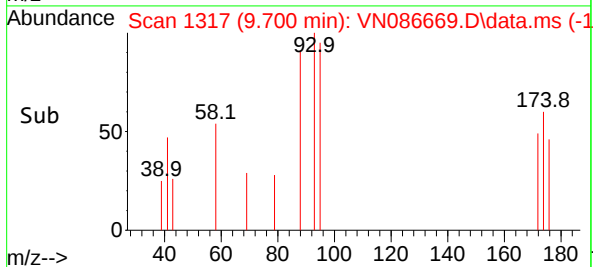
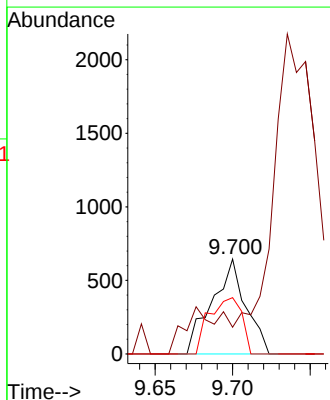
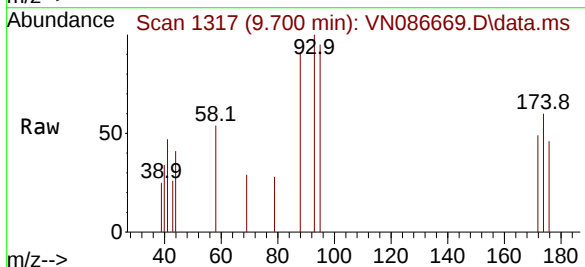
RT: 9.700 min Scan# 1317

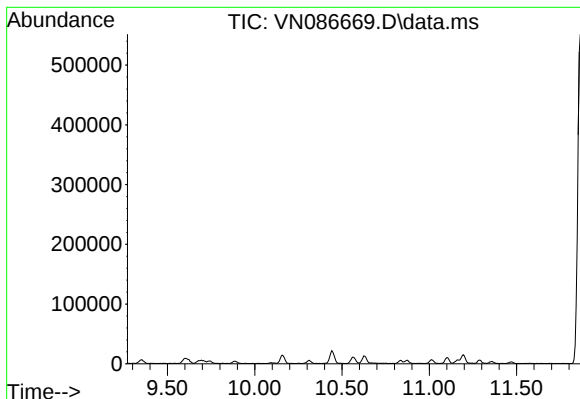
Delta R.T. 0.006 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Tgt Ion: 88 Resp: 978
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.6 35.4#
 58 57.1 55.3 82.9



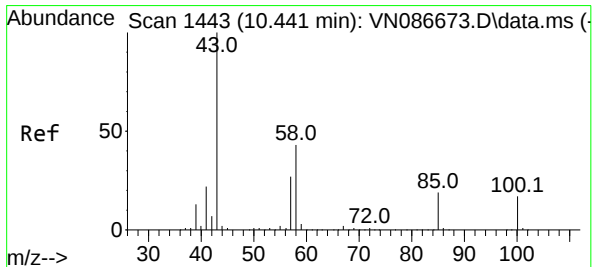
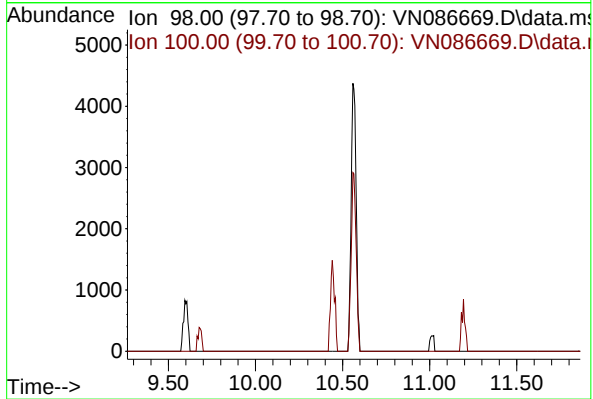


#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 10.56 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31
 Tgt Ion: 98
 Sig Exp Ratio
 98 100
 100 66.1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

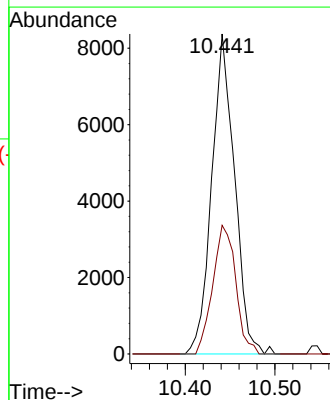
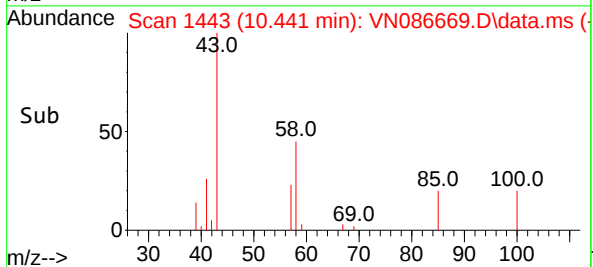
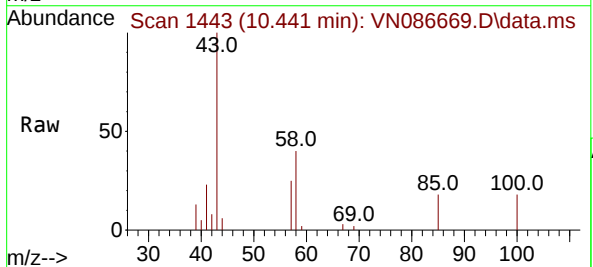
Manual Integrations
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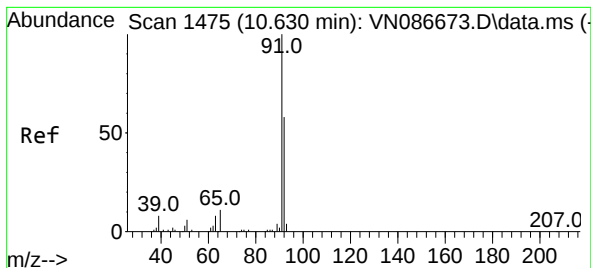
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#51
 4-Methyl-2-Pentanone
 Concen: 4.011 ug/l
 RT: 10.441 min Scan# 1443
 Delta R.T. -0.000 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

Tgt Ion: 43 Resp: 14811
 Ion Ratio Lower Upper
 43 100
 58 40.4 33.9 50.9





#52

Toluene

Concen: 0.826 ug/l

RT: 10.623 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 92 Resp: 571

Ion Ratio Lower Upper

92 100

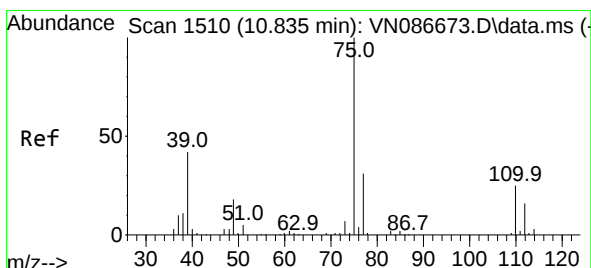
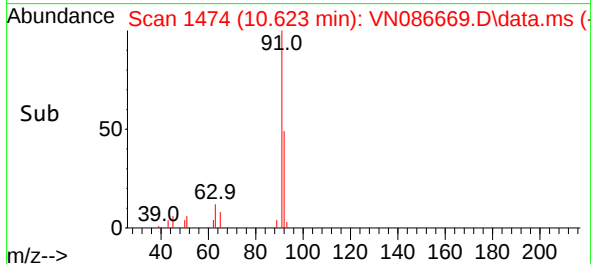
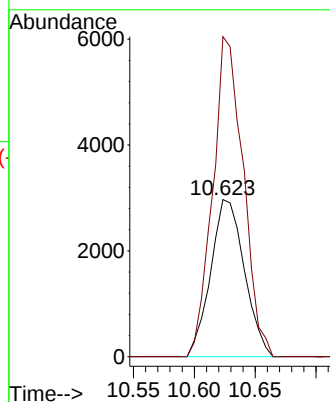
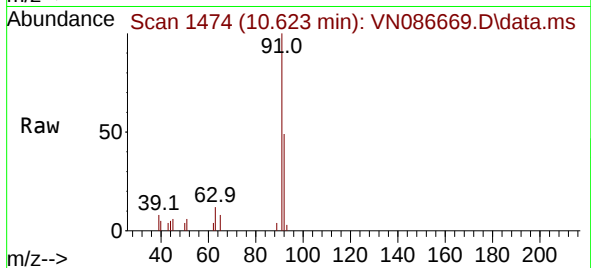
91 184.5 137.8 206.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#53

t-1,3-Dichloropropene

Concen: 0.783 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN086669.D

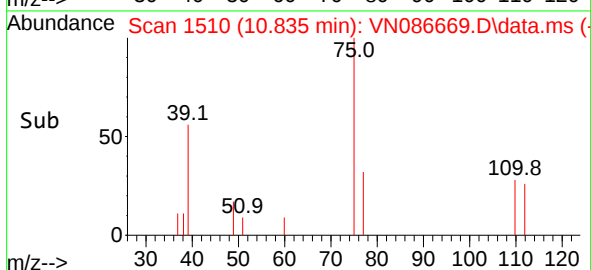
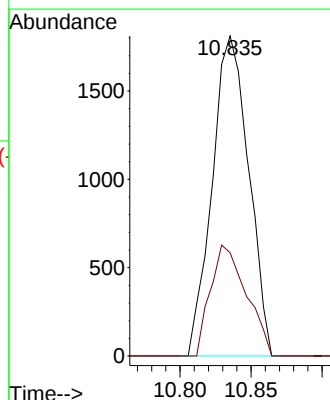
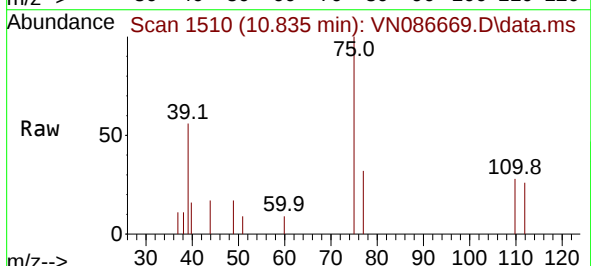
Acq: 16 May 2025 16:31

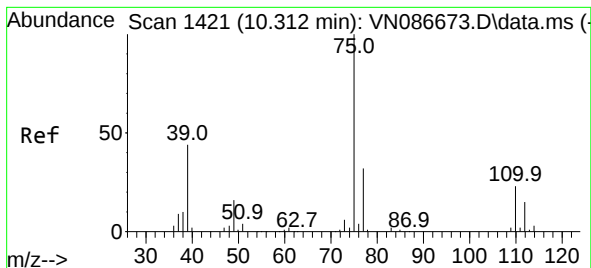
Tgt Ion: 75 Resp: 3234

Ion Ratio Lower Upper

75 100

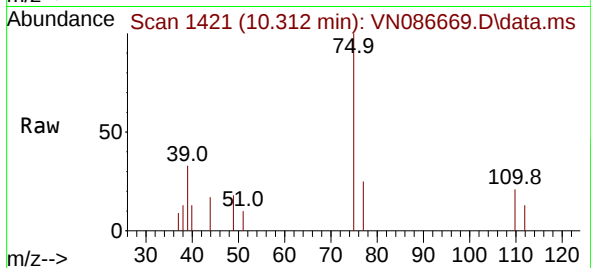
77 32.3 25.2 37.8





#54
 cis-1,3-Dichloropropene
 Concen: 0.798 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

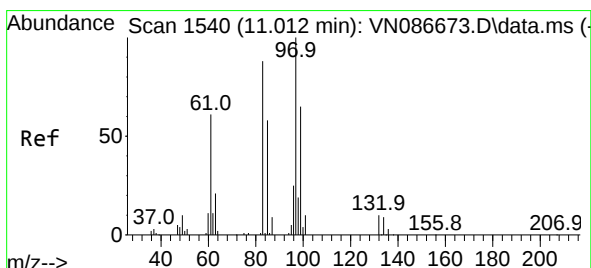
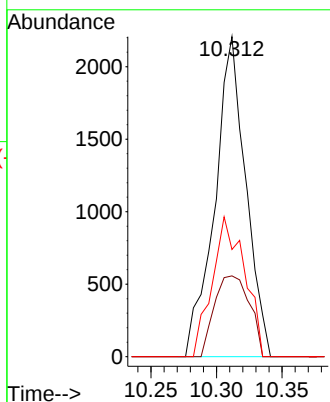
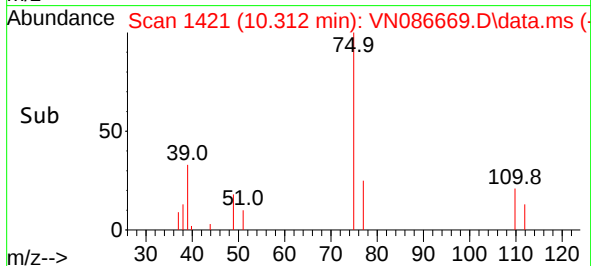
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 3620
 Ion Ratio Lower Upper
 75 100
 77 25.2 25.3 37.9#
 39 33.5 35.2 52.8#

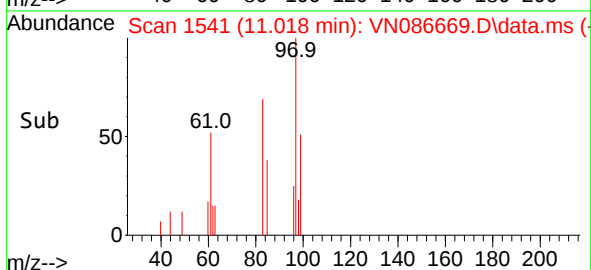
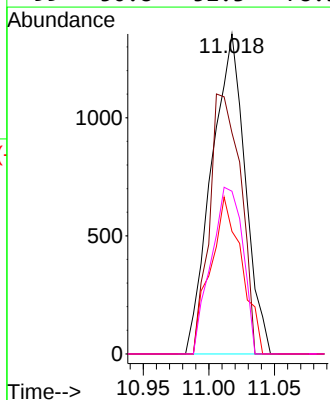
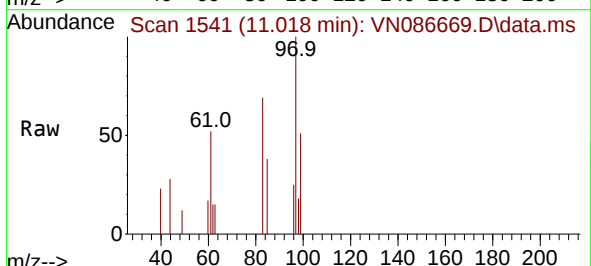
Manual Integrations
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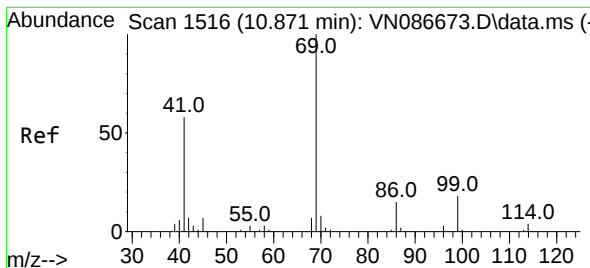
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#55
 1,1,2-Trichloroethane
 Concen: 0.970 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

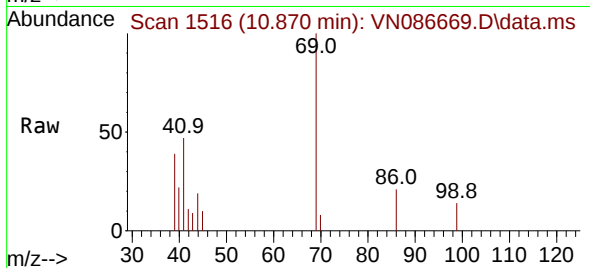
Tgt Ion: 97 Resp: 2419
 Ion Ratio Lower Upper
 97 100
 83 69.1 70.4 105.6#
 85 38.3 46.1 69.1#
 99 50.8 52.3 78.5#





#56
Ethyl methacrylate
Concen: 0.722 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

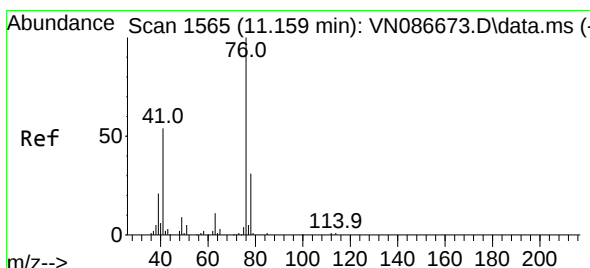
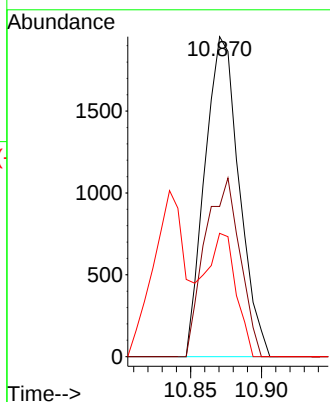
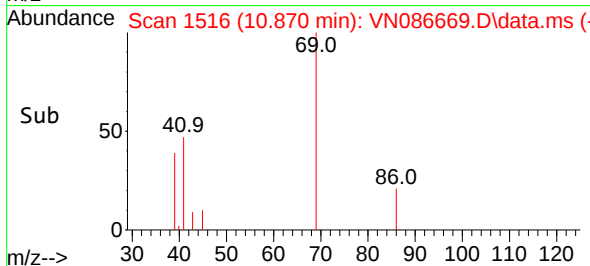
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 3289
Ion Ratio Lower Upper
69 100
41 57.1 47.4 71.0
39 33.5 24.0 36.0

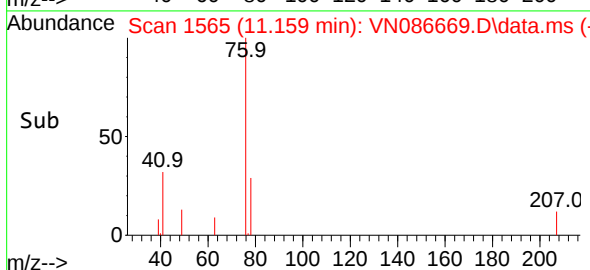
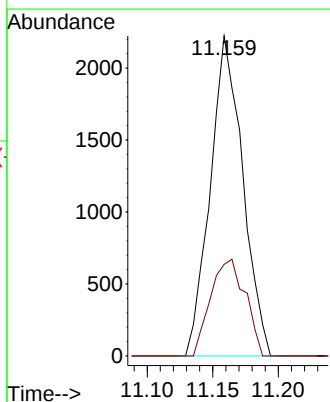
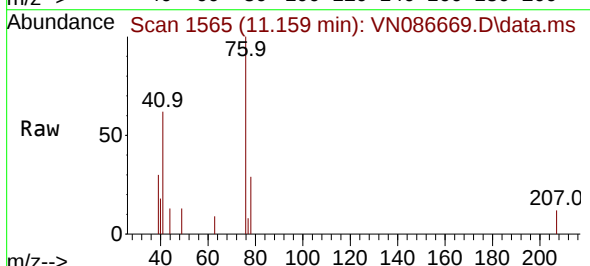
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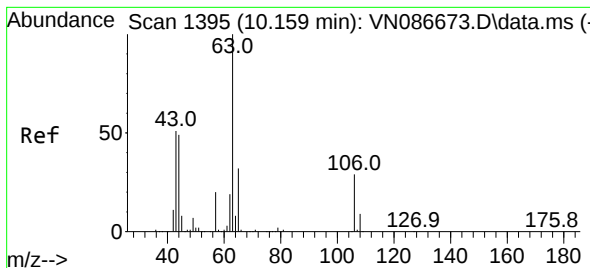
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#57
1,3-Dichloropropane
Concen: 0.866 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 76 Resp: 3826
Ion Ratio Lower Upper
76 100
78 32.3 25.8 38.8





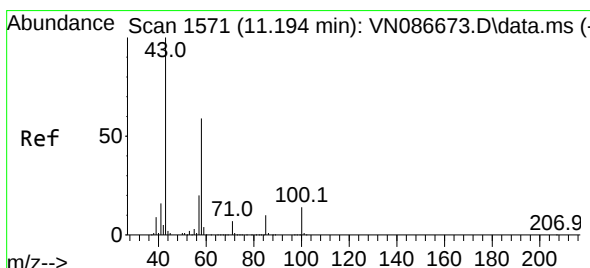
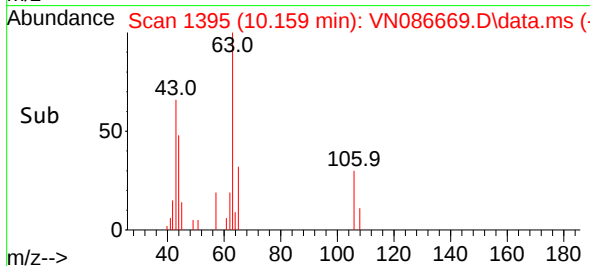
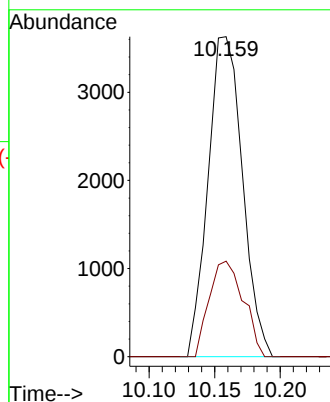
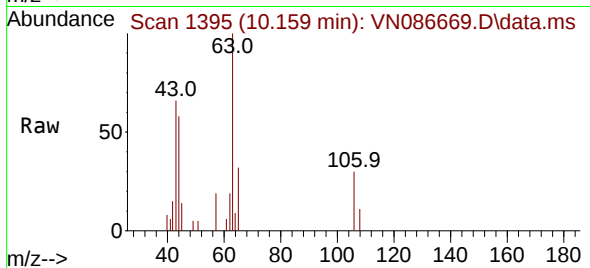
#58
2-Chloroethyl Vinyl ether
Concen: 3.099 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 6624
Ion Ratio Lower Upper
63 100
106 29.7 23.1 34.7

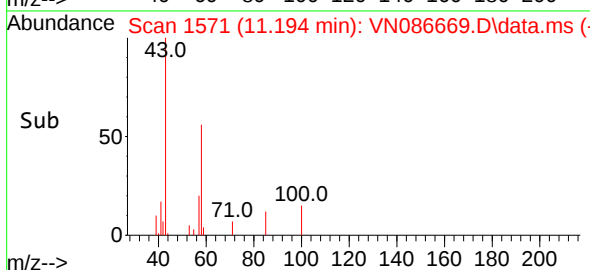
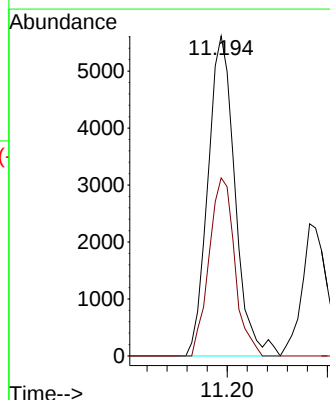
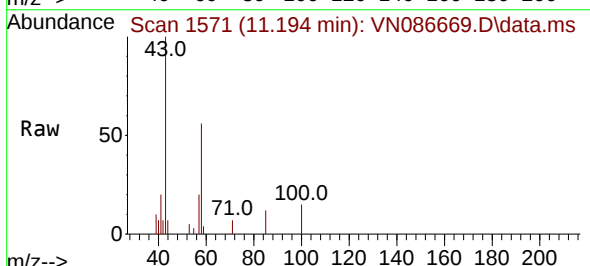
Manual Integrations
APPROVED

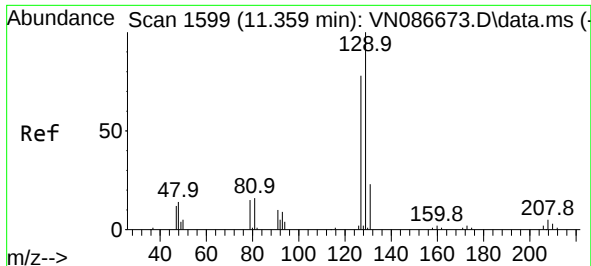
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#59
2-Hexanone
Concen: 3.837 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

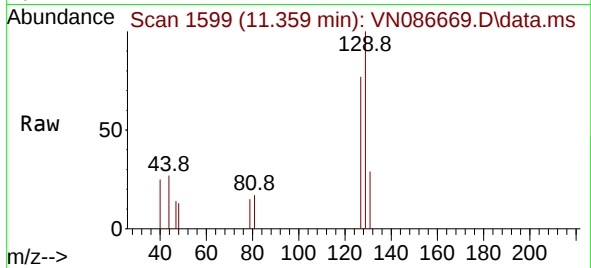
Tgt Ion: 43 Resp: 10521
Ion Ratio Lower Upper
43 100
58 52.8 29.8 89.5





#60
Dibromochloromethane
Concen: 0.825 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

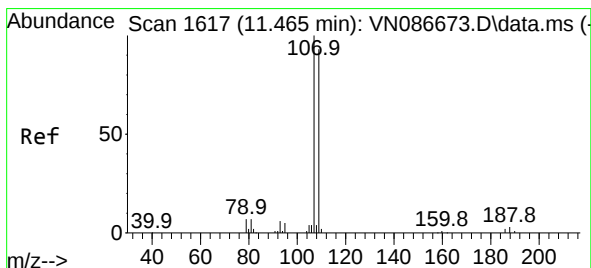
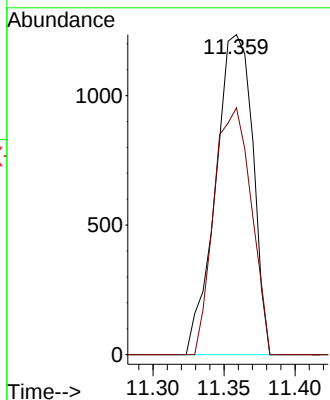
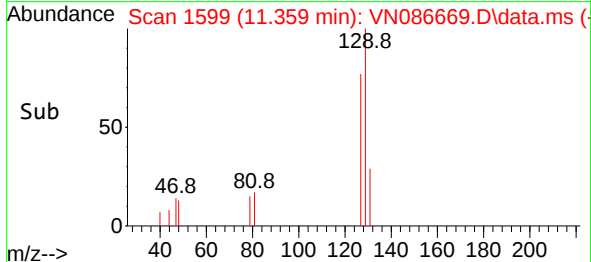
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



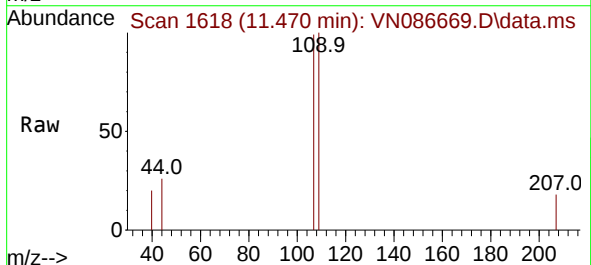
Tgt Ion:129 Resp: 225
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.3

Manual Integrations
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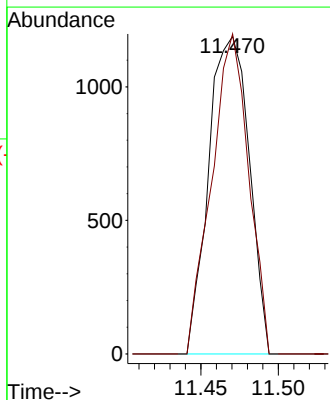
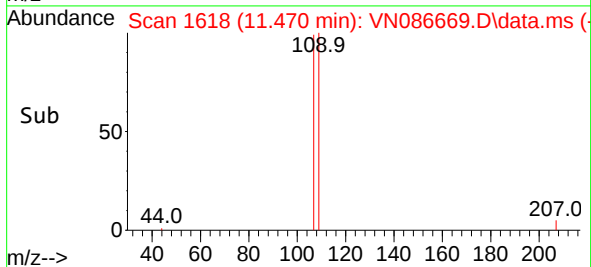
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

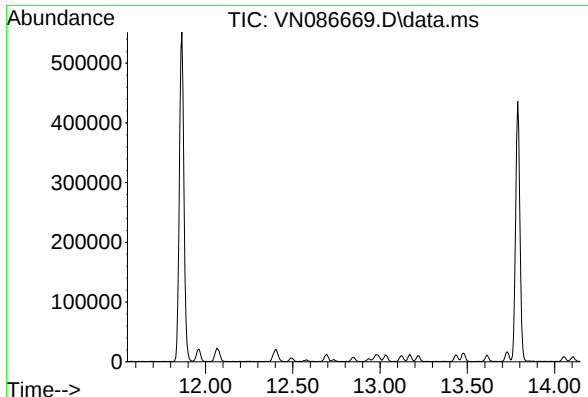


#61
1,2-Dibromoethane
Concen: 0.855 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31



Tgt Ion:107 Resp: 2160
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.4





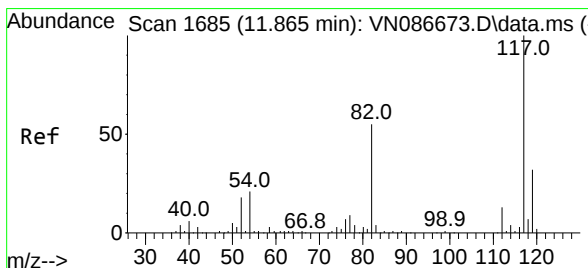
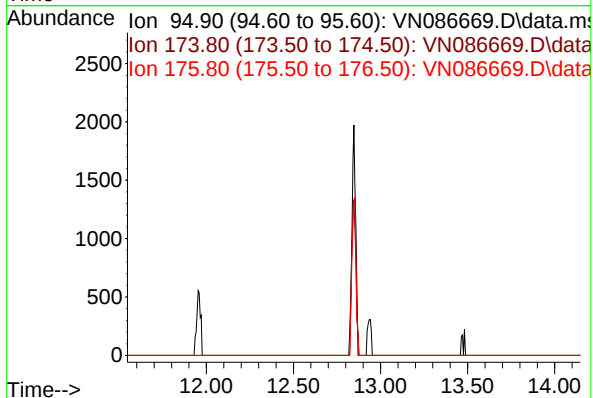
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.85 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 72.7
 176 68.9

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

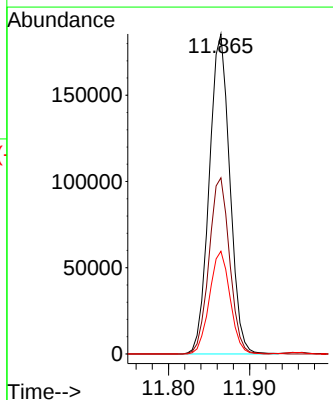
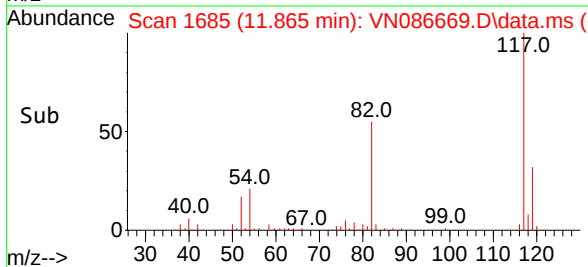
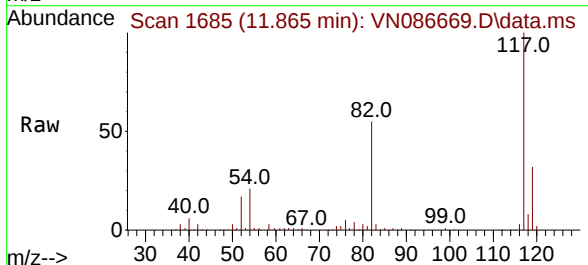
Manual Integrations
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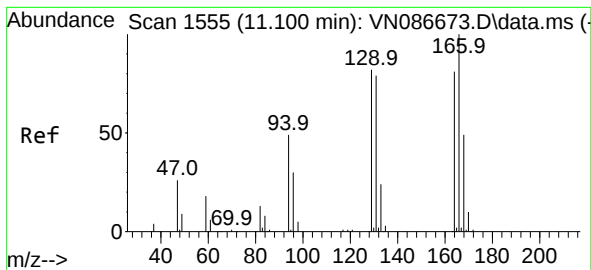
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. -0.000 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

Tgt Ion:117 Resp: 326222
 Ion Ratio Lower Upper
 117 100
 82 55.0 44.2 66.2
 119 32.1 25.4 38.2





#64

Tetrachloroethene

Concen: 0.929 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 2329

Ion Ratio Lower Upper

164 100

166 132.2 98.2 147.4

129 82.3 81.0 121.4

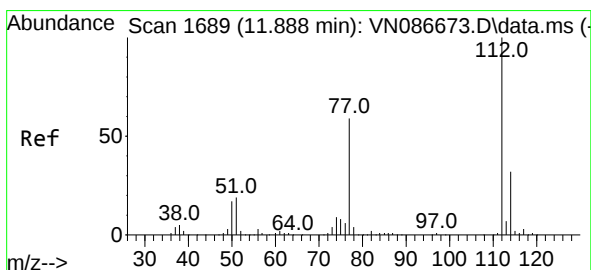
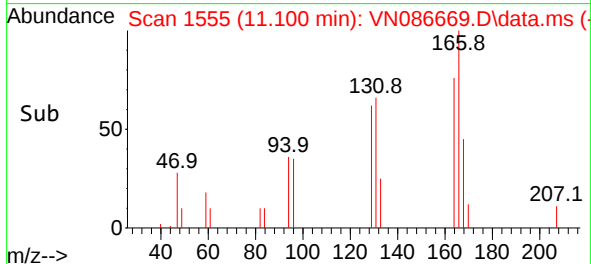
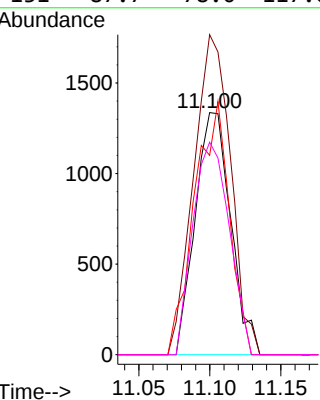
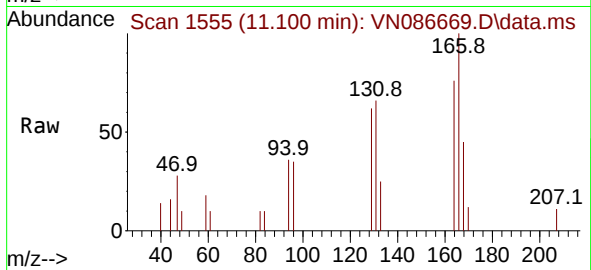
131 87.7 78.0 117.0

Manual Integrations

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Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#65

Chlorobenzene

Concen: 0.922 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN086669.D

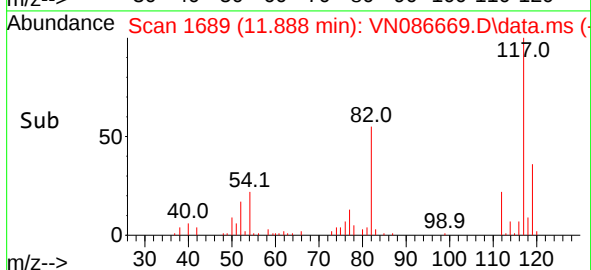
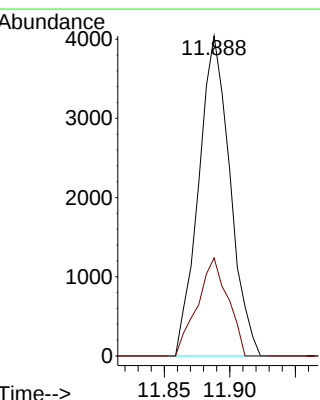
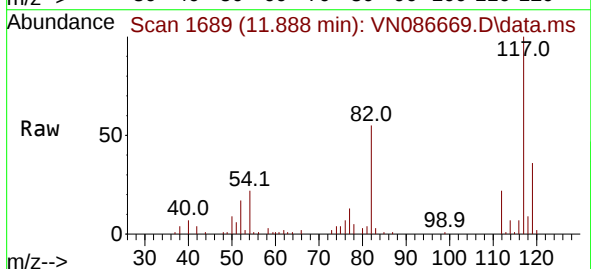
Acq: 16 May 2025 16:31

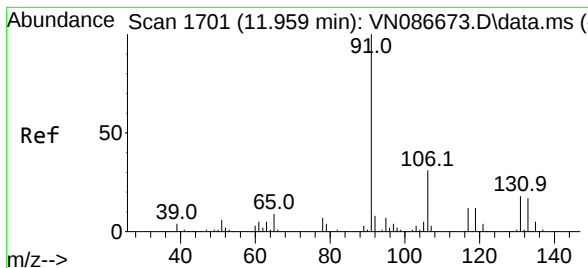
Tgt Ion:112 Resp: 6720

Ion Ratio Lower Upper

112 100

114 30.6 25.9 38.9





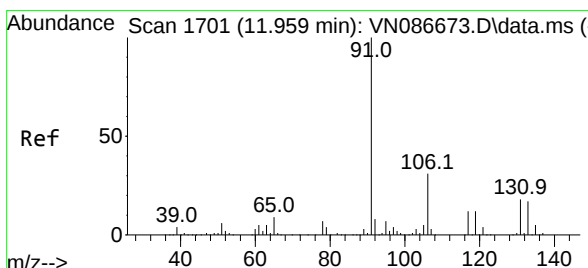
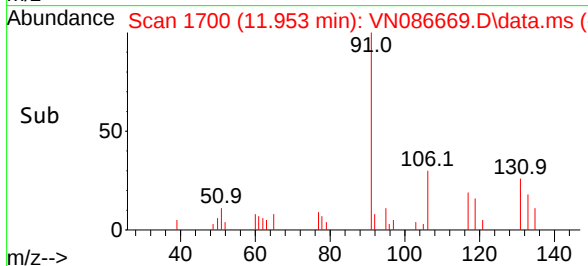
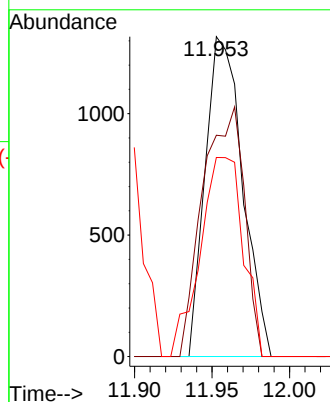
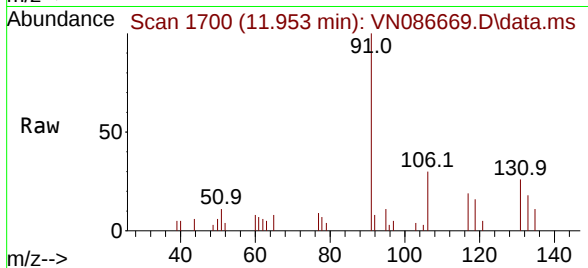
#66
1,1,1,2-Tetrachloroethane
Concen: 0.917 ug/l
RT: 11.953 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:131 Resp: 2204
Ion Ratio Lower Upper
131 100
133 86.8 47.9 143.7
119 0.0 33.6 100.8

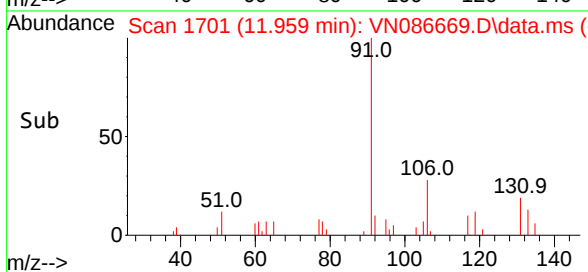
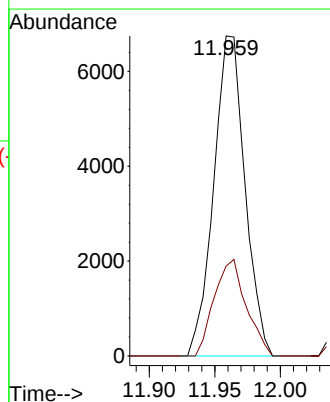
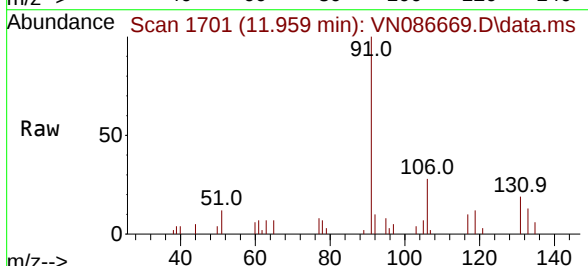
Manual Integrations
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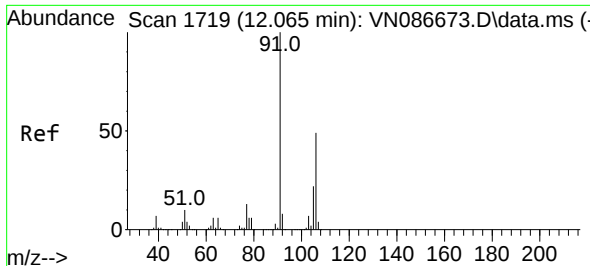
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#67
Ethyl Benzene
Concen: 0.855 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 91 Resp: 11189
Ion Ratio Lower Upper
91 100
106 28.1 24.6 36.8





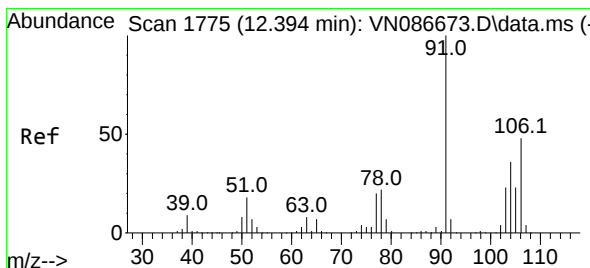
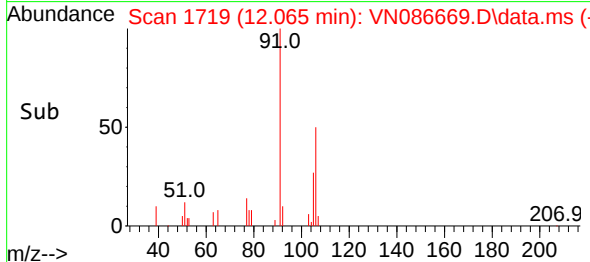
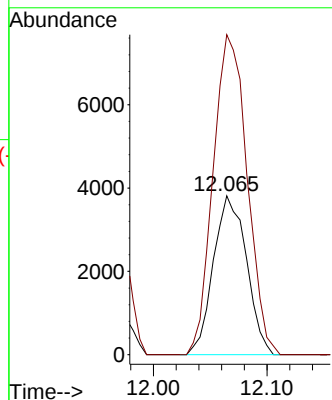
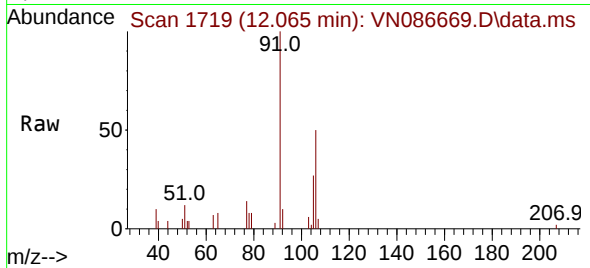
#68
m/p-Xylenes
Concen: 1.572 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 772
Ion Ratio Lower Upper
106 100
91 206.9 162.4 243.6

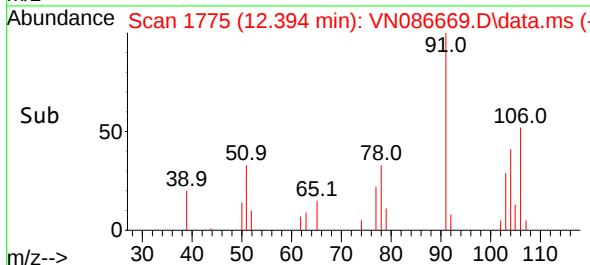
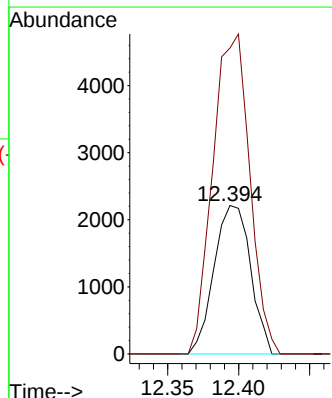
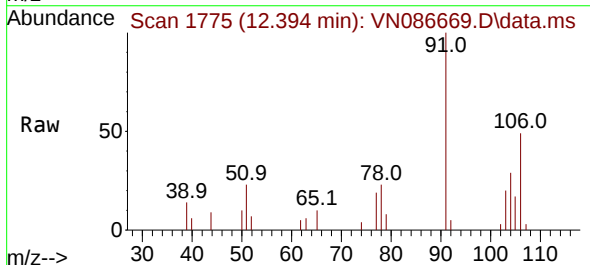
Manual Integrations
APPROVED

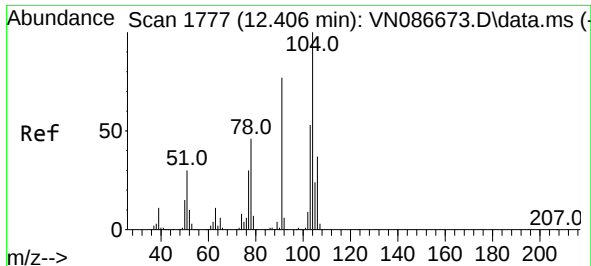
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#69
o-Xylene
Concen: 0.809 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion:106 Resp: 3944
Ion Ratio Lower Upper
106 100
91 218.7 105.1 315.1





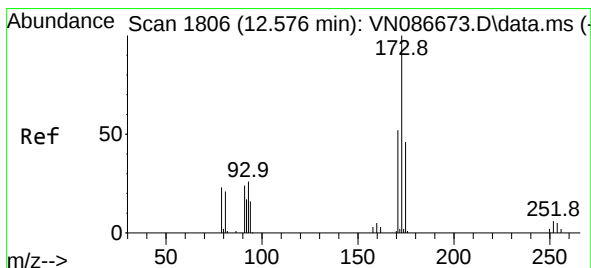
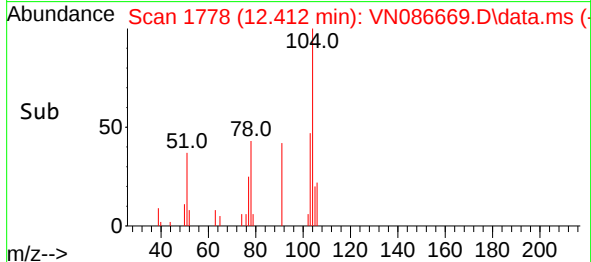
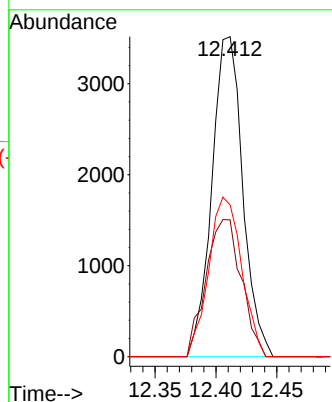
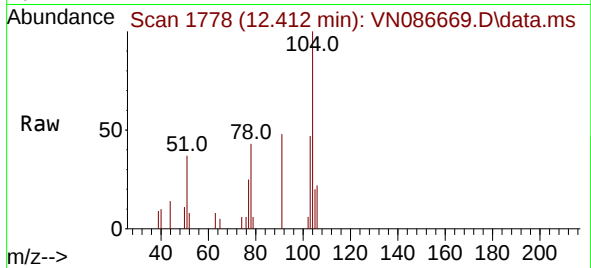
#70
Styrene
Concen: 0.767 ug/l
RT: 12.412 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 6208
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 53.1 43.8 65.8

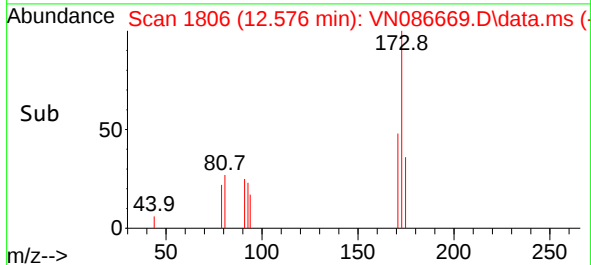
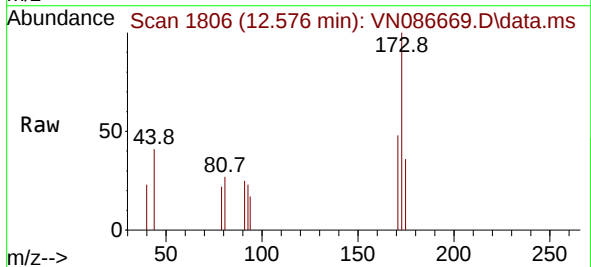
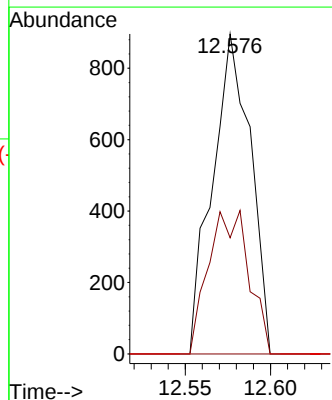
Manual Integrations
APPROVED

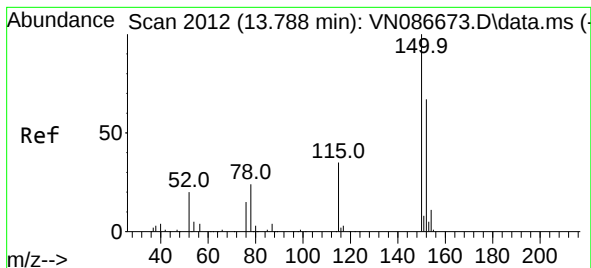
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#71
Bromoform
Concen: 0.771 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion:173 Resp: 1394
Ion Ratio Lower Upper
173 100
175 47.7 23.4 70.2
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:152 Resp: 120460

Ion Ratio Lower Upper

152 100

115 61.3 30.0 90.1

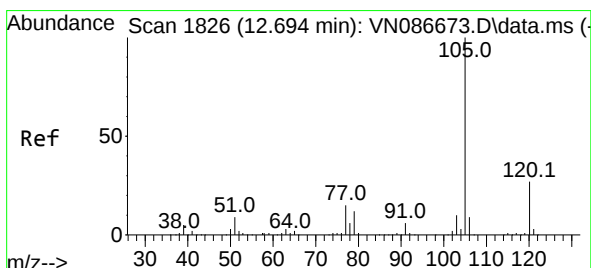
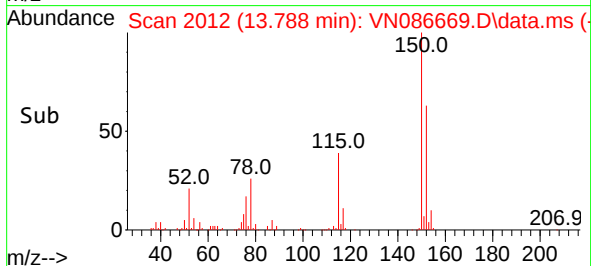
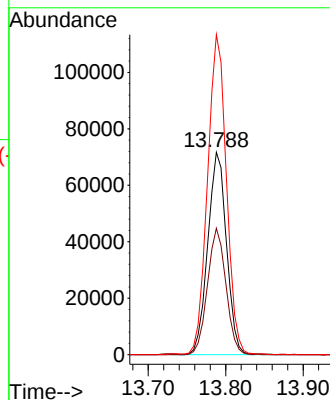
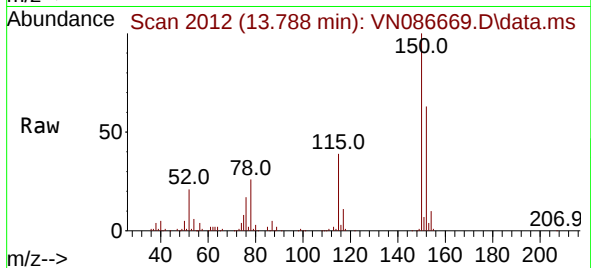
150 159.6 0.0 347.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#73

Isopropylbenzene

Concen: 0.921 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086669.D

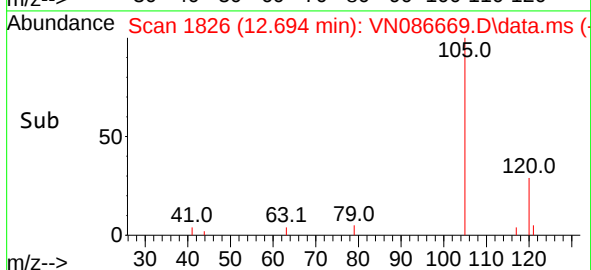
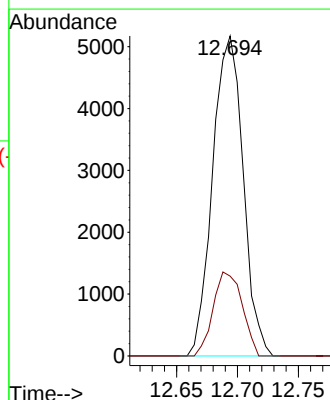
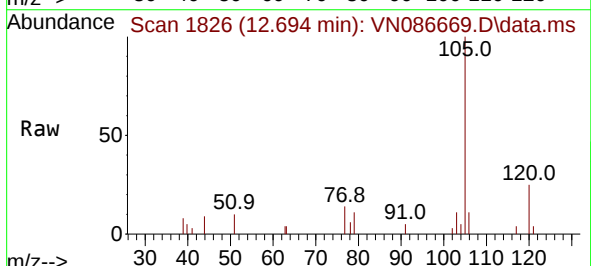
Acq: 16 May 2025 16:31

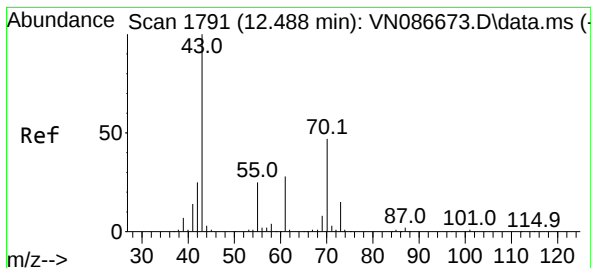
Tgt Ion:105 Resp: 9008

Ion Ratio Lower Upper

105 100

120 24.9 13.4 40.1





#74

N-amy1 acetate

Concen: 0.762 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

70 41.0 37.9 56.9

55 21.9 20.5 30.7

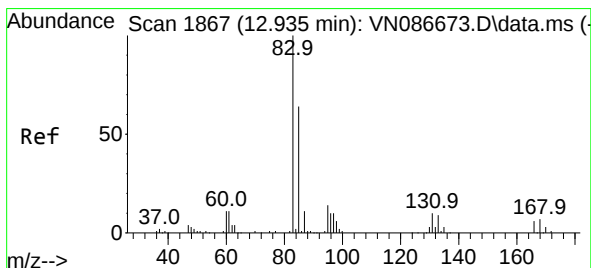
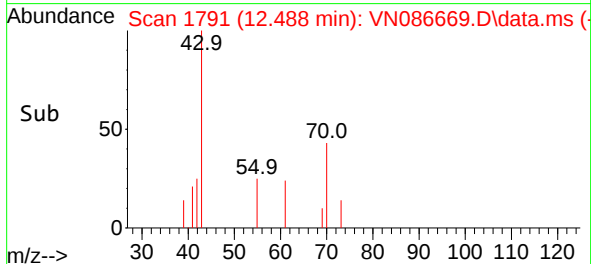
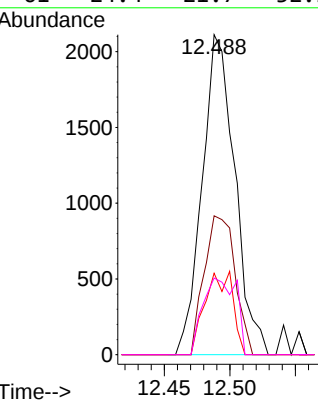
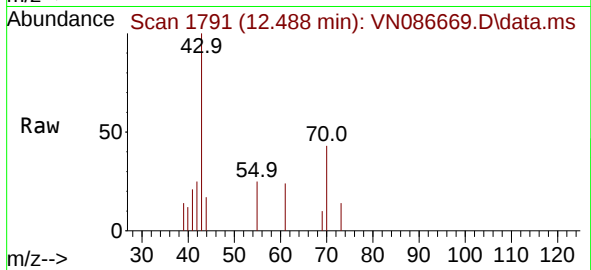
61 24.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#75

1,1,2,2-Tetrachloroethane

Concen: 0.969 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

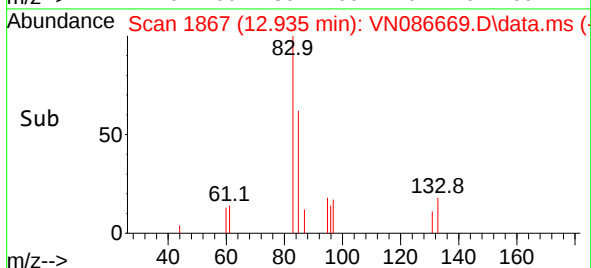
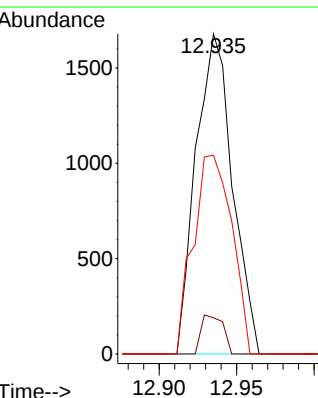
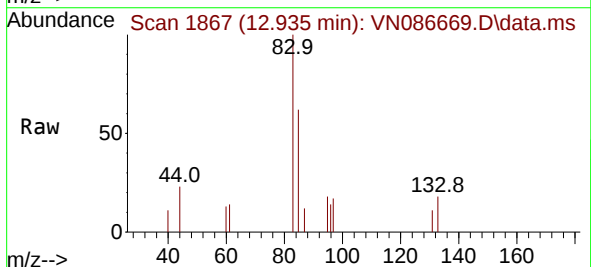
Tgt Ion: 83 Resp: 2752

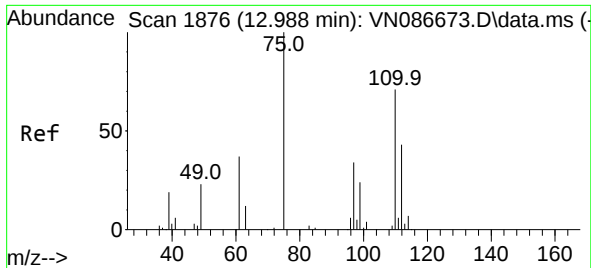
Ion Ratio Lower Upper

83 100

131 7.2 5.0 15.0

85 65.6 32.4 97.2





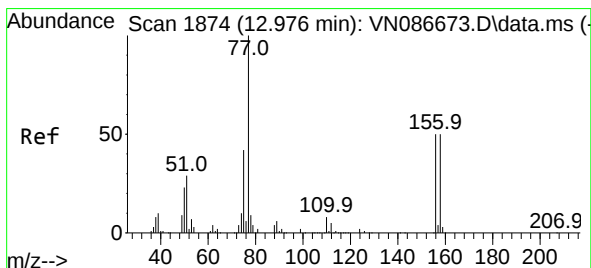
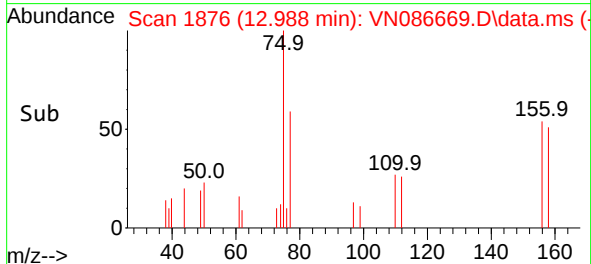
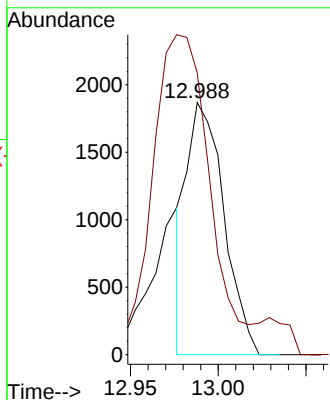
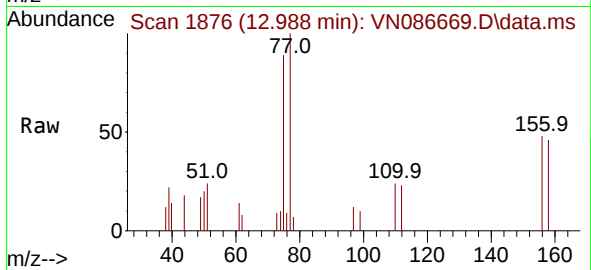
#76
1,2,3-Trichloropropane
Concen: 0.972 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 2750
Ion Ratio Lower Upper
75 100
77 193.4 96.0 288.1

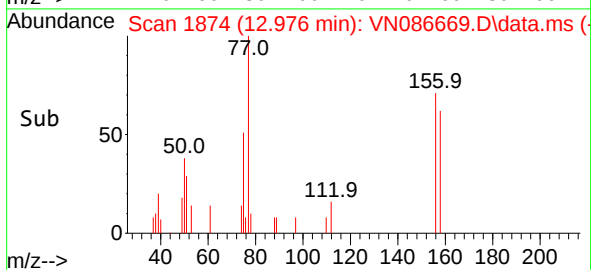
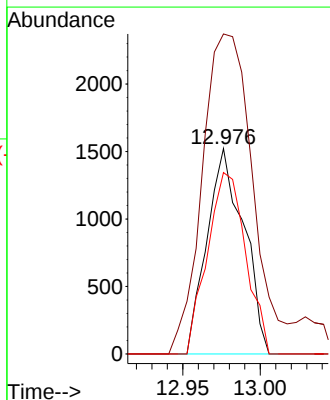
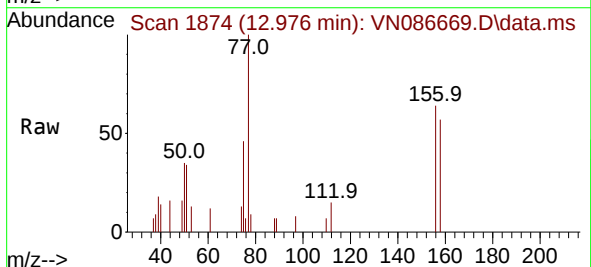
Manual Integrations
APPROVED

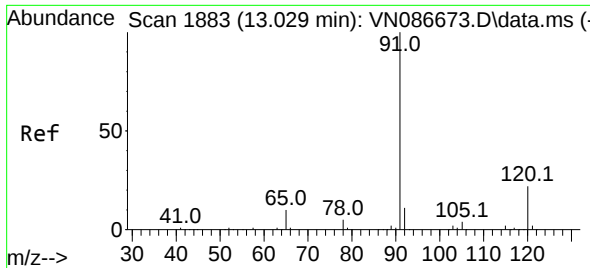
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#77
Bromobenzene
Concen: 1.142 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion:156 Resp: 2503
Ion Ratio Lower Upper
156 100
77 212.9 113.1 339.2
158 92.2 48.6 145.9





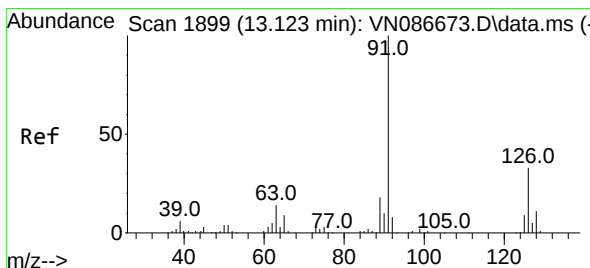
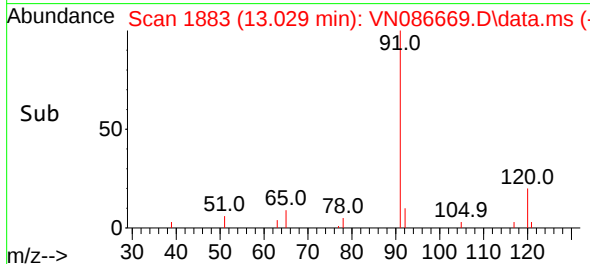
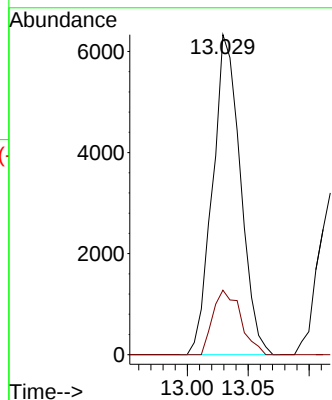
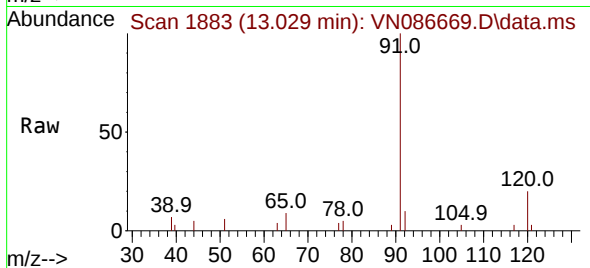
#78
n-propylbenzene
Concen: 0.875 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1006
Ion Ratio Lower Upper
91 100
120 20.2 11.4 34.1

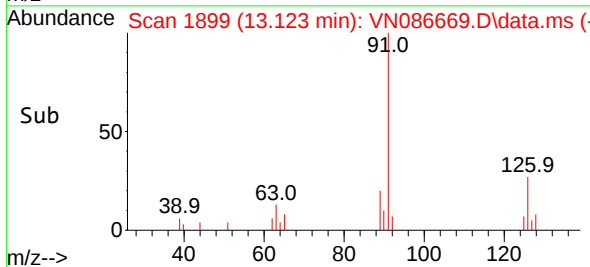
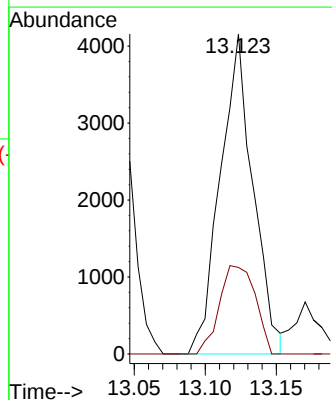
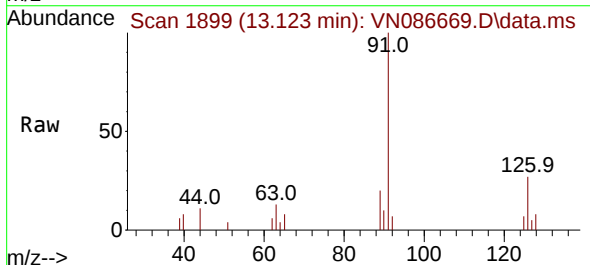
Manual Integrations
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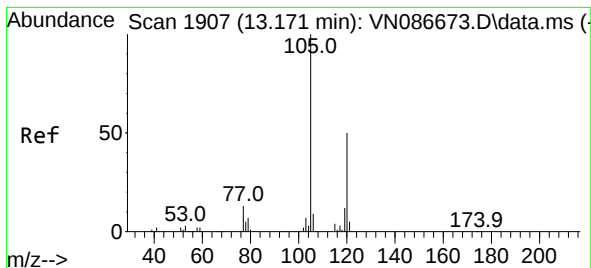
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#79
2-Chlorotoluene
Concen: 0.921 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 91 Resp: 6658
Ion Ratio Lower Upper
91 100
126 30.3 16.6 49.7





#80

1,3,5-Trimethylbenzene

Concen: 0.851 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 681

Ion Ratio Lower Upper

105 100

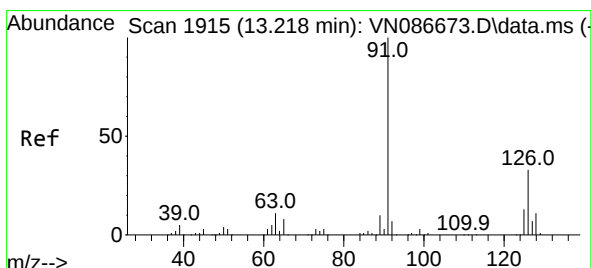
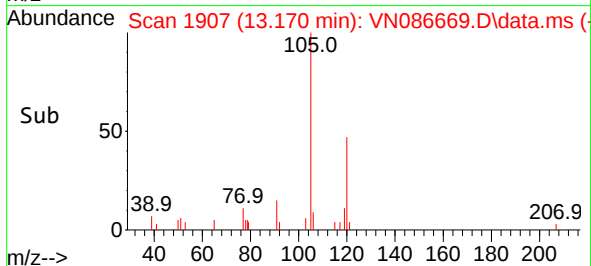
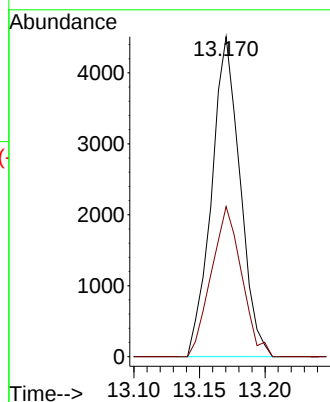
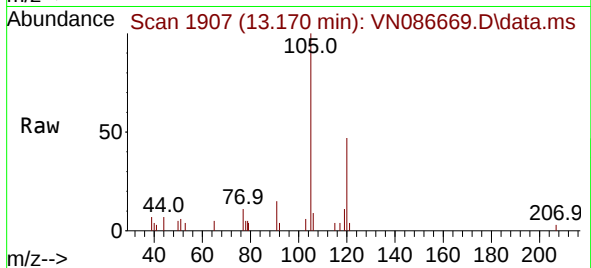
120 50.0 24.9 74.6

Manual Integrations

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Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#82

4-Chlorotoluene

Concen: 0.920 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VN086669.D

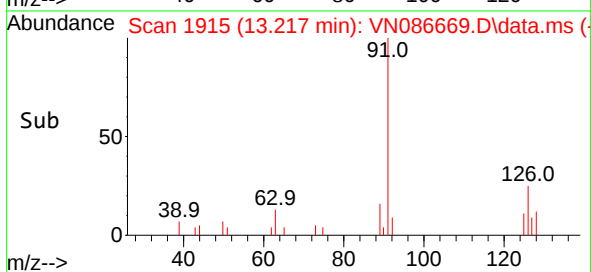
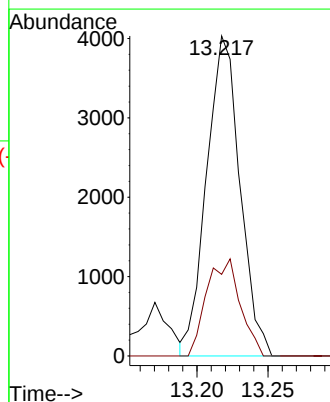
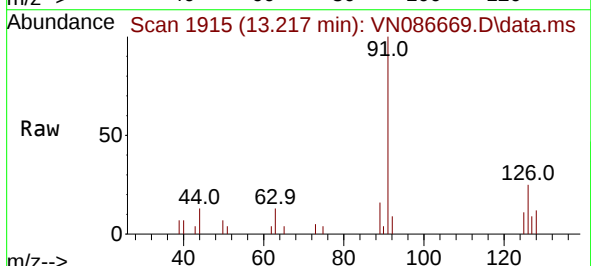
Acq: 16 May 2025 16:31

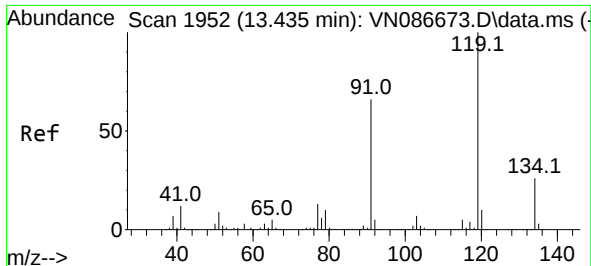
Tgt Ion: 91 Resp: 6587

Ion Ratio Lower Upper

91 100

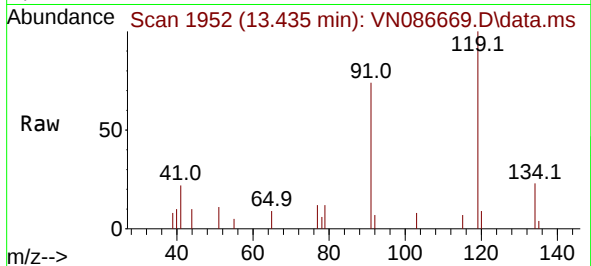
126 30.5 17.0 50.9





#83
tert-Butylbenzene
Concen: 0.889 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

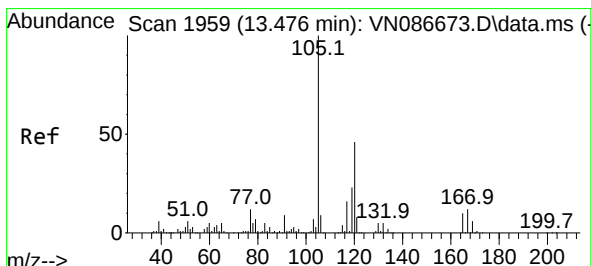
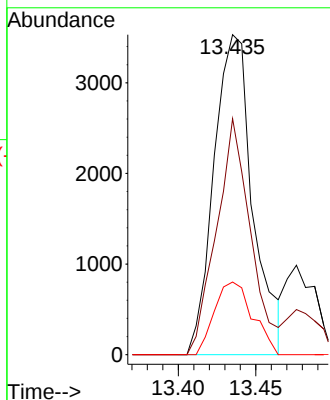
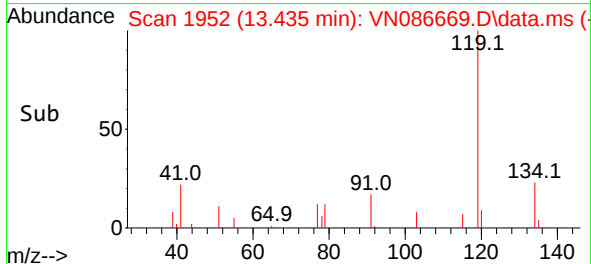
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



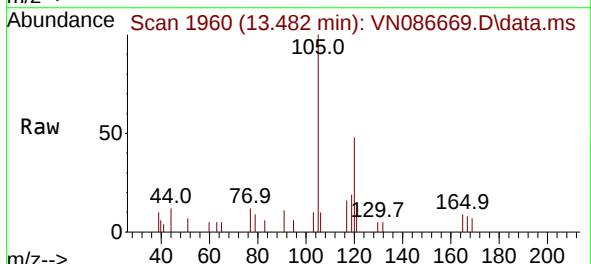
Tgt Ion:119 Resp: 6170
Ion Ratio Lower Upper
119 100
91 64.8 32.9 98.7
134 22.3 13.4 40.1

Manual Integrations
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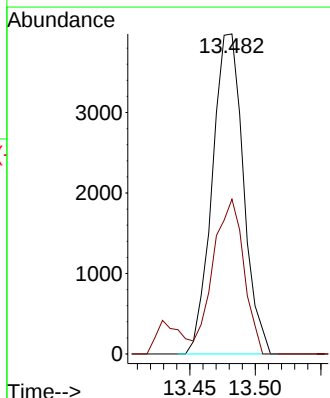
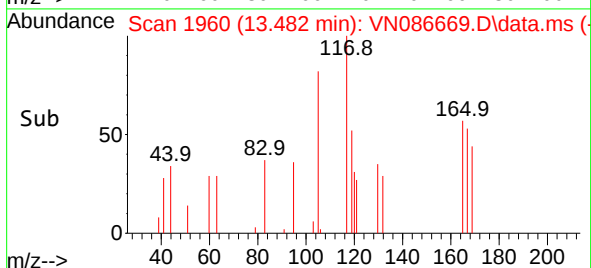
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

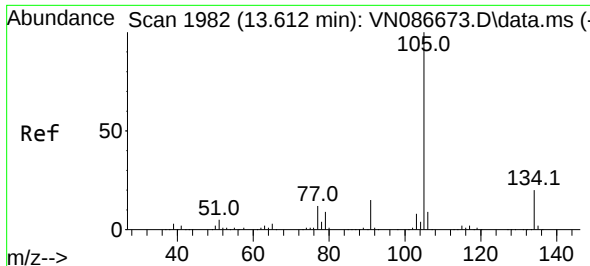


#84
1,2,4-Trimethylbenzene
Concen: 0.807 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31



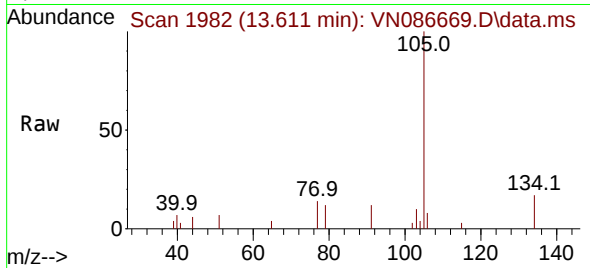
Tgt Ion:105 Resp: 6564
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 0.811 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31

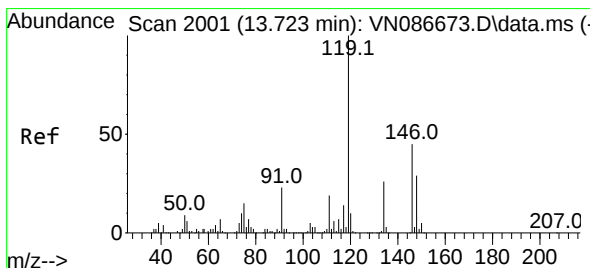
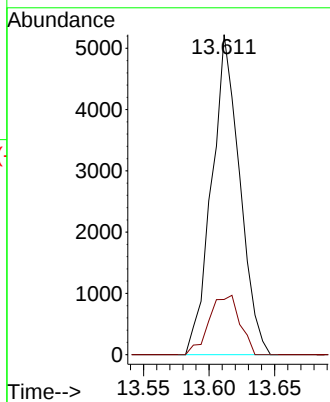
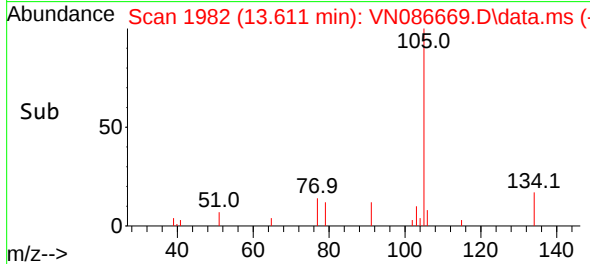
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



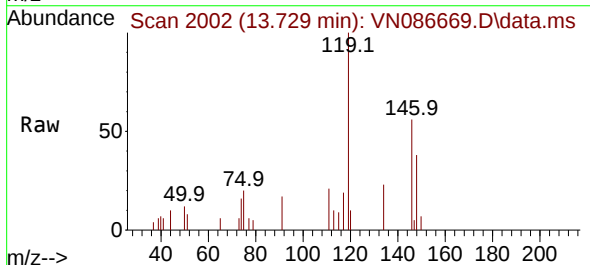
Tgt Ion:105 Resp: 7764
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
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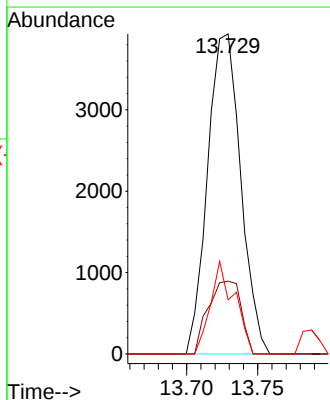
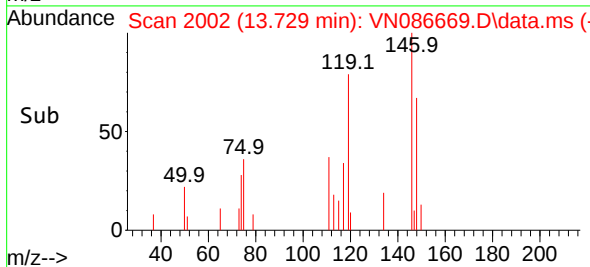
Reviewed By :John Carlone 05/19/2025
 Supervised By :Mahesh Dadoda 05/19/2025

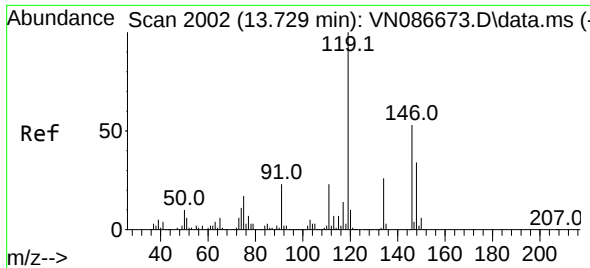


#86
 p-Isopropyltoluene
 Concen: 0.807 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086669.D
 Acq: 16 May 2025 16:31



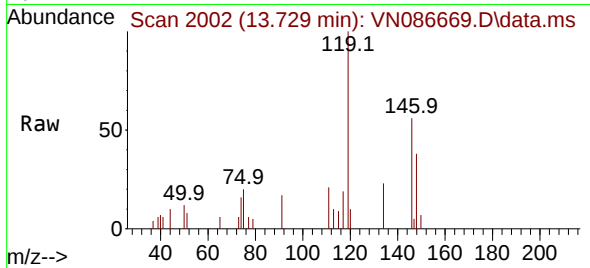
Tgt Ion:119 Resp: 6368
 Ion Ratio Lower Upper
 119 100
 134 22.6 13.1 39.1
 91 20.9 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 0.951 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

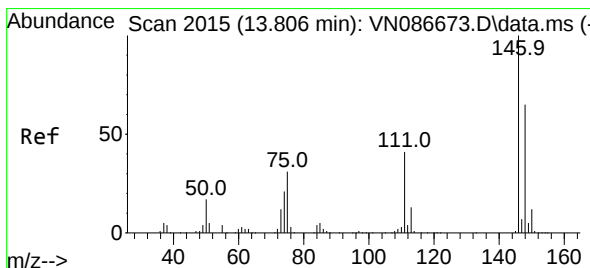
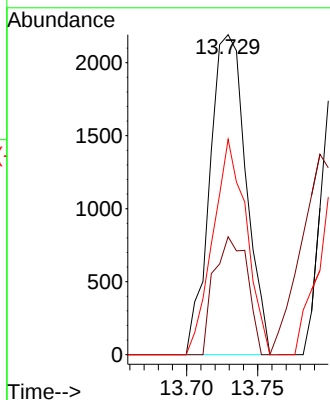
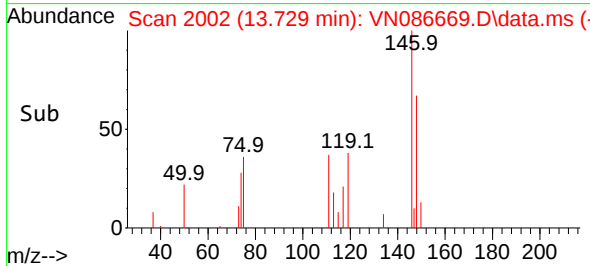
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



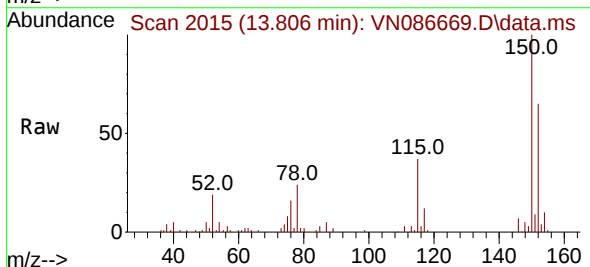
Tgt Ion:146 Resp: 3900
Ion Ratio Lower Upper
146 100
111 33.6 20.9 62.7
148 62.0 31.8 95.4

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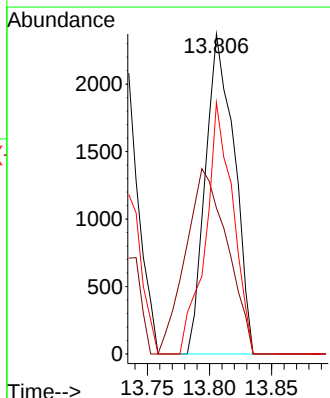
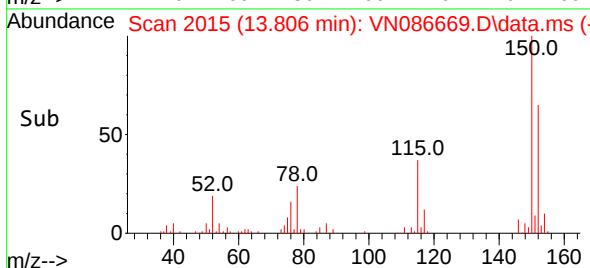
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025

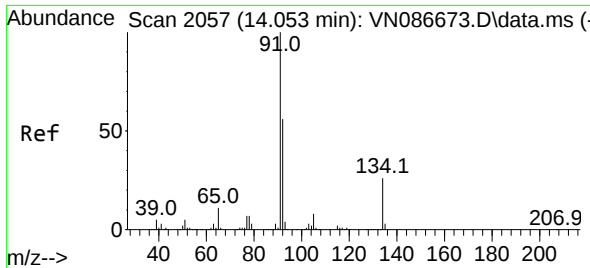


#88
1,4-Dichlorobenzene
Concen: 0.928 ug/l m
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31



Tgt Ion:146 Resp: 3823
Ion Ratio Lower Upper
146 100
111 34.3 20.6 61.8
148 63.2 32.0 96.0





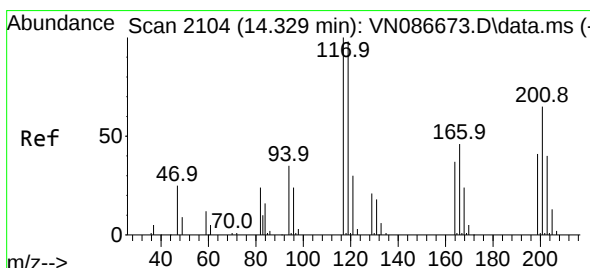
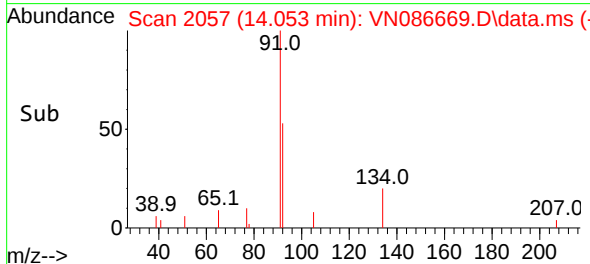
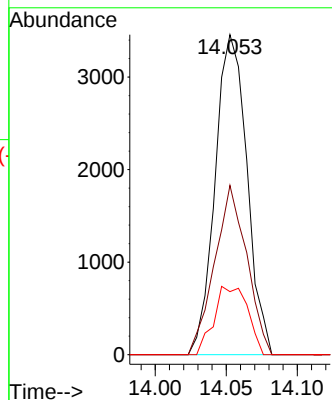
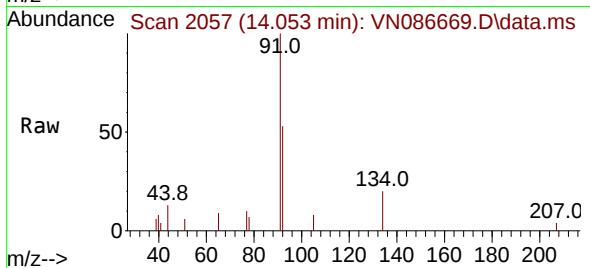
#89
n-Butylbenzene
Concen: 0.777 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:	91	Resp:	538
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.4	82.0
134	22.6	12.8	38.4

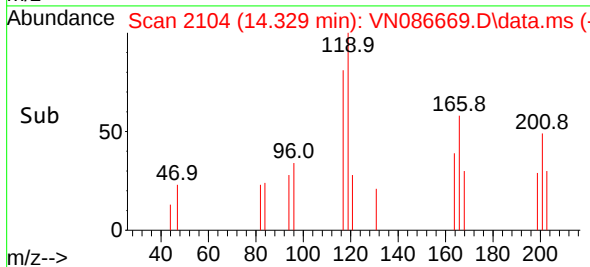
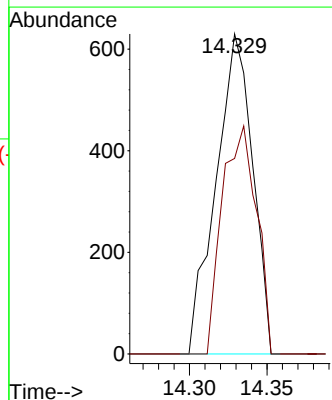
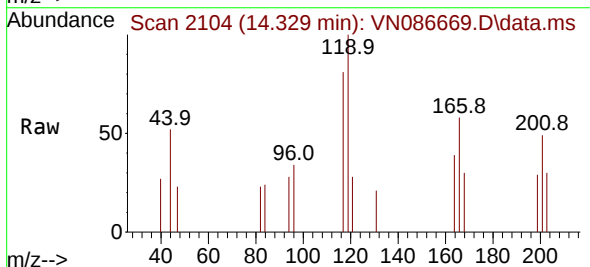
Manual Integrations
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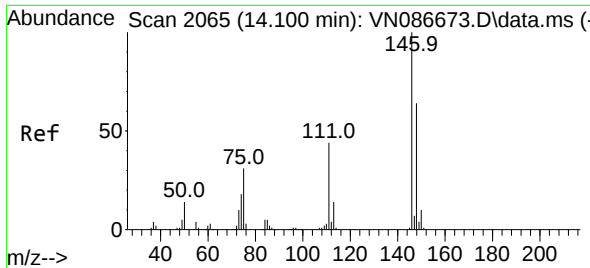
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#90
Hexachloroethane
Concen: 0.782 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion:	117	Resp:	1038
Ion	Ratio	Lower	Upper
117	100		
201	66.6	32.0	96.0





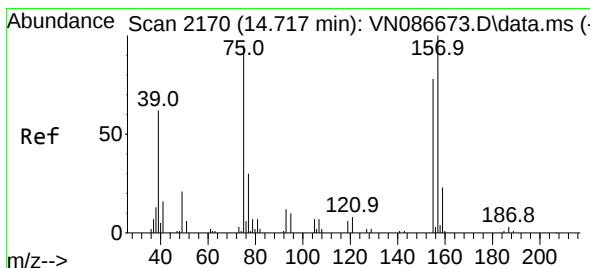
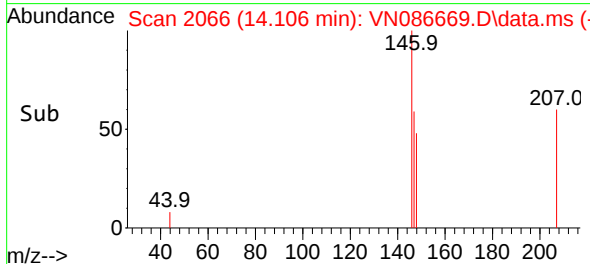
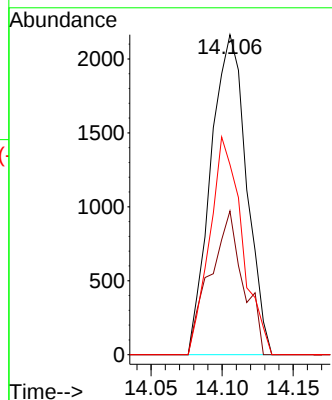
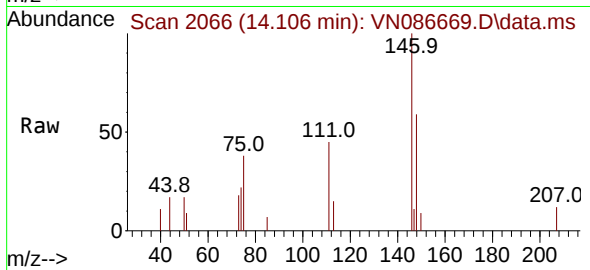
#91
1,2-Dichlorobenzene
Concen: 0.954 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 3792
Ion Ratio Lower Upper
146 100
111 41.7 21.6 65.0
148 61.8 31.7 95.1

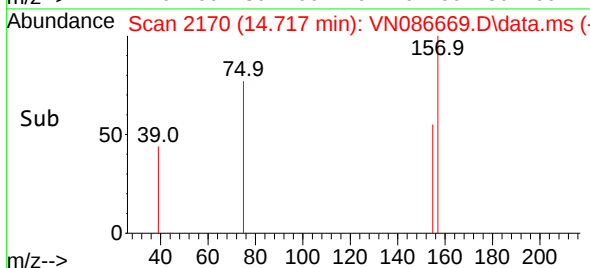
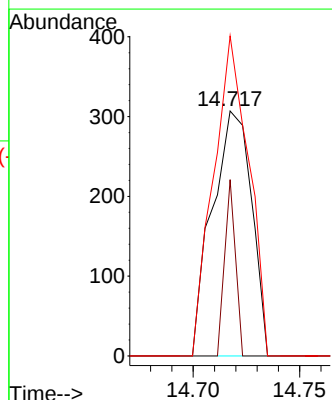
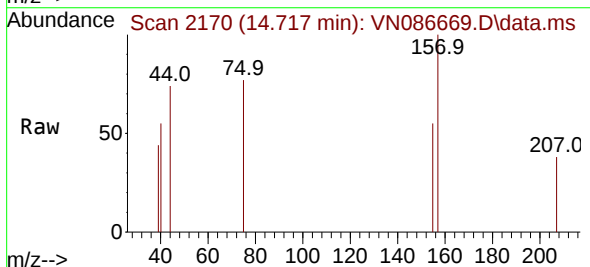
Manual Integrations
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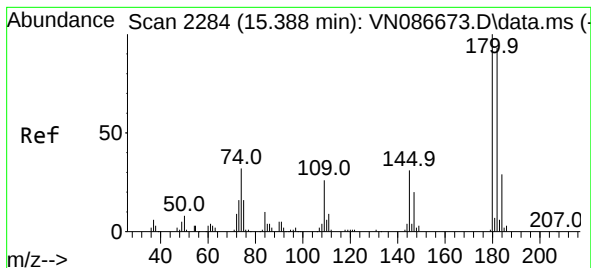
Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.702 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion: 75 Resp: 395
Ion Ratio Lower Upper
75 100
155 19.7 40.5 121.5#
157 116.7 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 0.741 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

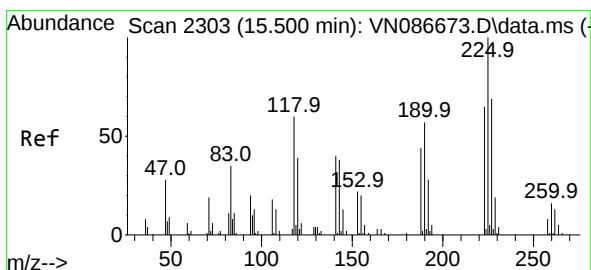
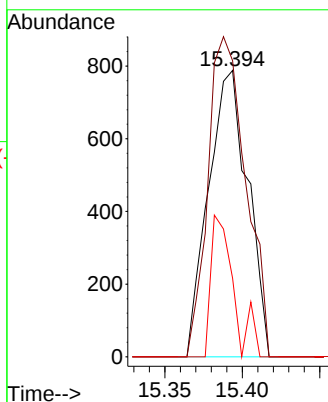
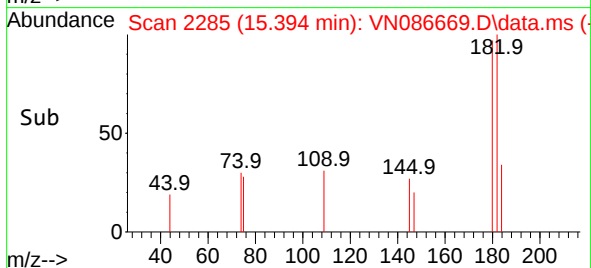
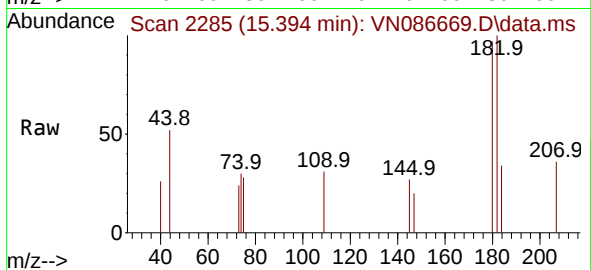
Tgt Ion:	180	Resp:	1389
Ion Ratio	Lower	Upper	
180	100		
182	107.8	47.1	141.3
145	28.1	15.6	46.8

Manual Integrations

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Reviewed By :John Carlone 05/19/2025

Supervised By :Mahesh Dadoda 05/19/2025



#94

Hexachlorobutadiene

Concen: 1.056 ug/l

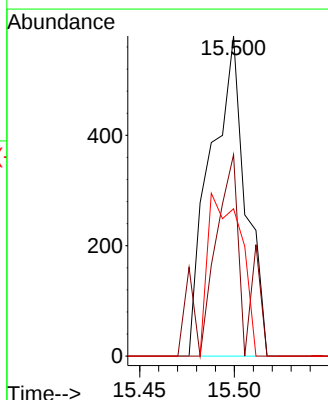
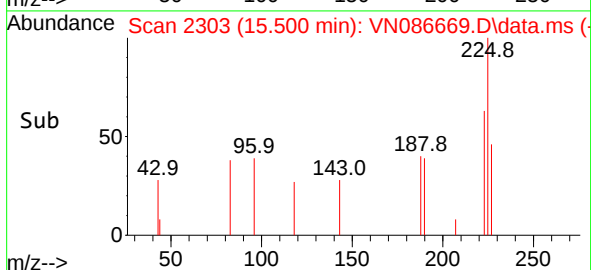
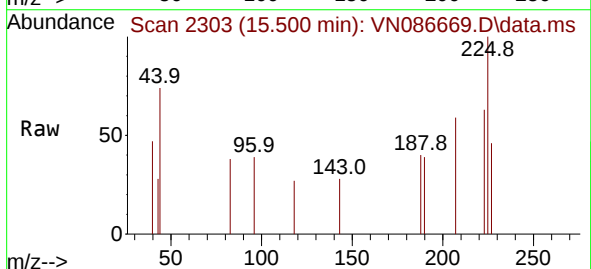
RT: 15.500 min Scan# 2303

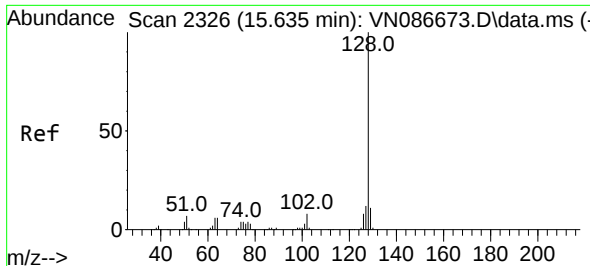
Delta R.T. -0.000 min

Lab File: VN086669.D

Acq: 16 May 2025 16:31

Tgt Ion:	225	Resp:	752
Ion Ratio	Lower	Upper	
225	100		
223	54.9	32.9	98.6
227	47.5	32.4	97.2





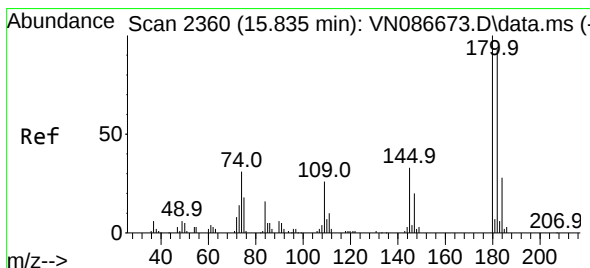
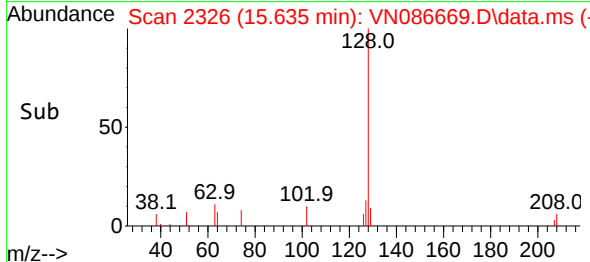
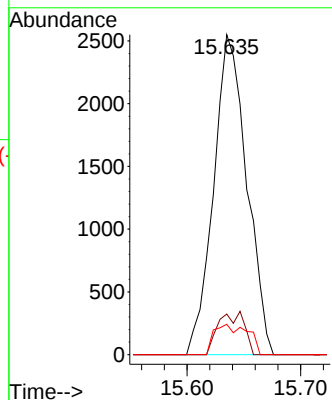
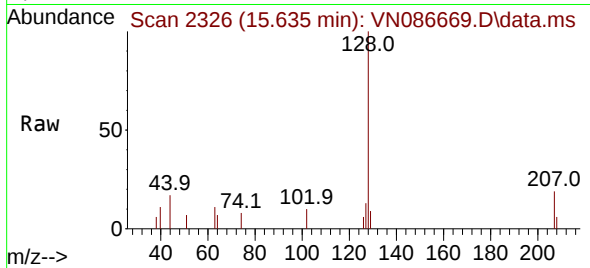
#95
Naphthalene
Concen: 0.777 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 5170
Ion Ratio Lower Upper
128 100
127 10.5 10.1 15.1
129 9.6 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 05/19/2025
Supervised By :Mahesh Dadoda 05/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.847 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086669.D
Acq: 16 May 2025 16:31

Tgt Ion:180 Resp: 1509
Ion Ratio Lower Upper
180 100
182 87.2 47.0 141.2
145 42.1 16.7 50.1

