

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087317.D
 Acq On : 10 Jul 2025 11:16
 Operator : JC\MD
 Sample : VN0710WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:07:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	44567	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	228909	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	216531	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	92633	27.587	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	91.967%	
60) 4-Bromofluorobenzene	12.847	95	102398	30.646	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	102.167%	
63) Toluene-d8	10.571	98	286529	29.472	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.233%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	43577	16.243	ug/l	96
3) Chloromethane	2.401	50	36610	13.361	ug/l	95
4) Vinyl Chloride	2.554	62	43969	14.764	ug/l	96
5) Bromomethane	2.995	94	39190	24.796	ug/l	97
6) Chloroethane	3.154	64	36026	22.551	ug/l	94
7) Trichlorofluoromethane	3.530	101	72649	19.888	ug/l	91
8) Diethyl Ether	3.983	74	26018	14.497	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.401	101	46315	17.101	ug/l #	88
10) 1,1-Dichloroethene	4.371	96	42967	15.916	ug/l	88
11) Methyl Iodide	4.612	142	47066	19.460	ug/l	87
12) Methyl Acetate	5.036	43	59745	14.109	ug/l	94
13) Acrolein	4.201	56	67771	104.152	ug/l	98
14) Acrylonitrile	5.736	53	132992	67.330	ug/l	99
15) Acetone	4.442	58	45904	79.671	ug/l	93
16) Carbon Disulfide	4.736	76	108774	13.780	ug/l	100
17) Allyl chloride	5.054	41	54966	12.344	ug/l	93
18) Methylene Chloride	5.301	84	51589	16.495	ug/l	88
19) trans-1,2-Dichloroethene	5.806	96	48114	16.297	ug/l	92
20) Diisopropyl ether	6.689	45	125943	13.331	ug/l #	97
21) 1,1-Dichloroethane	6.589	63	85912	15.216	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	58139	16.920	ug/l	91
23) tert-Butyl Alcohol	5.536	59	52702	70.947	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	151453	15.996	ug/l	99
25) Chloroform	7.971	83	97171	17.963	ug/l	95
26) Cyclohexane	8.271	56	60030	12.790	ug/l #	88
29) 1,1-Dichloropropene	8.383	75	59144	16.577	ug/l	93
30) 2-Butanone	7.489	43	183880	76.402	ug/l	93
31) 2,2-Dichloropropane	7.500	77	84366	19.589	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	85453	20.501	ug/l	97
33) Carbon Tetrachloride	8.371	117	75644	21.565	ug/l	97
34) Benzene	8.612	78	196655	17.398	ug/l	96
35) Methacrylonitrile	7.783	41	33622	13.862	ug/l	94
36) 1,2-Dichloroethane	8.677	62	69238	18.959	ug/l	98
37) Trichloroethene	9.353	130	51472	19.743	ug/l	84
38) Methylcyclohexane	9.606	83	65722	16.054	ug/l	94
39) 1,2-Dichloropropane	9.624	63	46064	16.237	ug/l	95
40) Dibromomethane	9.712	93	39073	20.255	ug/l	97
41) Bromodichloromethane	9.888	83	76390	19.618	ug/l	97
42) Vinyl Acetate	6.618	43	559364	71.458	ug/l #	94

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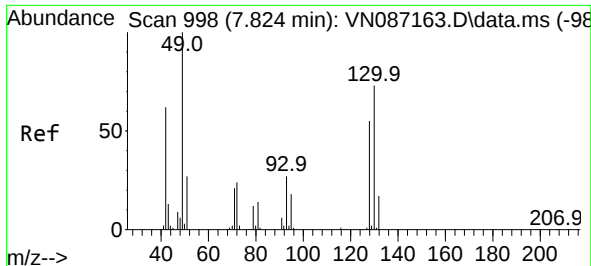
Manual Integrations
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	63729	14.668	ug/l	95
44) Isopropyl Acetate	8.694	43	106403	15.031	ug/l	93
45) 1,4-Dioxane	9.706	88	17854	372.856	ug/l	87
46) Methyl methacrylate	9.688	41	45783	13.913	ug/l	93
47) n-amyl Acetate	12.541	43	66473m	15.359	ug/l	
48) t-1,3-Dichloropropene	10.835	75	75525	17.399	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	79726	17.277	ug/l	96
50) 1,1,2-Trichloroethane	11.018	97	51568	18.818	ug/l	97
51) Ethyl methacrylate	10.883	69	64033	15.353	ug/l	89
52) 1,3-Dichloropropane	11.165	76	84603	17.983	ug/l	100
53) Dibromochloromethane	11.359	129	60422	21.005	ug/l	100
54) 1,2-Dibromoethane	11.471	107	55248	19.542	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	158012	66.094	ug/l	94
56) Bromoform	12.577	173	41253	20.862	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	314125	72.162	ug/l #	94
59) 2-Hexanone	11.206	43	190995	67.948	ug/l	97
61) Tetrachloroethene	11.106	164	42345	19.748	ug/l	98
62) Toluene	10.630	91	222388	18.185	ug/l	100
64) Chlorobenzene	11.894	112	150496	19.292	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	54599	21.183	ug/l	98
66) Ethyl Benzene	11.965	91	239575	17.898	ug/l	93
67) m/p-Xylenes	12.071	106	197128	38.431	ug/l	95
68) o-Xylene	12.400	106	90109	18.413	ug/l	97
69) Styrene	12.412	104	155538	18.513	ug/l	99
70) Isopropylbenzene	12.694	105	236446	19.400	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	81718	18.628	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	81192m	21.462	ug/l	
73) Bromobenzene	12.982	156	59653	20.177	ug/l	88
74) n-propylbenzene	13.035	91	283072	19.012	ug/l	95
75) 2-Chlorotoluene	13.124	91	170964	19.005	ug/l	91
76) 1,3,5-Trimethylbenzene	13.171	105	198006	19.957	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	27358	16.303	ug/l	99
78) 4-Chlorotoluene	13.218	91	178513	19.376	ug/l	93
79) tert-butylbenzene	13.435	119	172022	20.626	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	200752	20.149	ug/l	100
81) sec-Butylbenzene	13.612	105	244608	20.176	ug/l	98
82) p-Isopropyltoluene	13.724	119	210330	20.846	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	124627	21.891	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	122230	21.332	ug/l	98
85) n-Butylbenzene	14.053	91	177875	19.323	ug/l	97
86) Hexachloroethane	14.329	117	40482	21.196	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	116209	21.648	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	18912	19.145	ug/l	89
89) 1,2,4-Trichlorobenzene	15.835	180	59688	19.653	ug/l	96
90) Hexachlorobutadiene	15.494	225	17215	19.102	ug/l	94
91) Naphthalene	15.635	128	223133	18.668	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	59688	19.653	ug/l	96

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



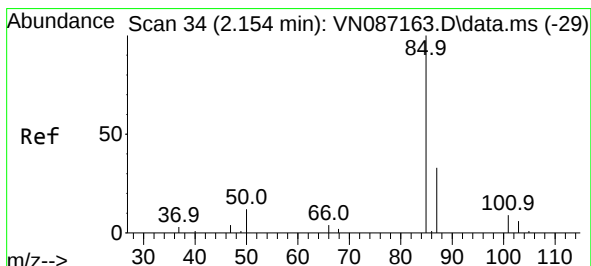
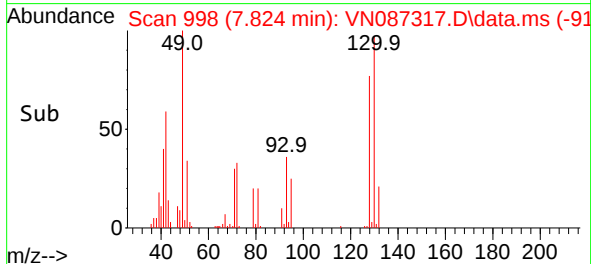
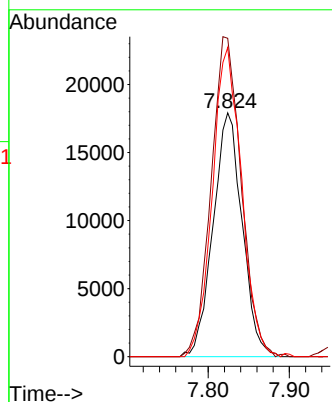
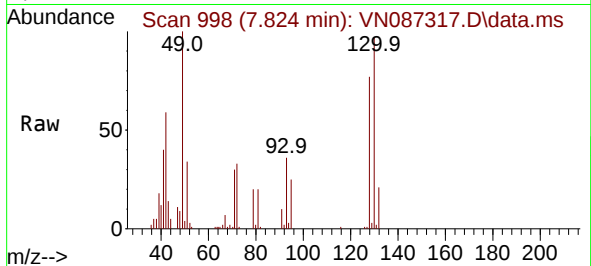
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:128 Resp: 4456
Ion Ratio Lower Upper
128 100
49 135.7 0.0 450.5
130 127.3 0.0 320.7

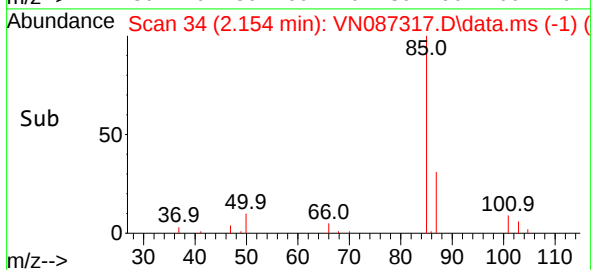
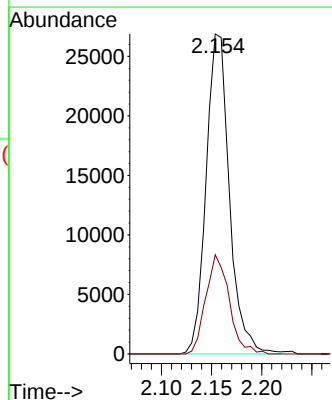
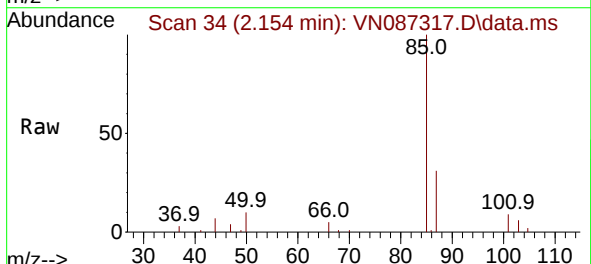
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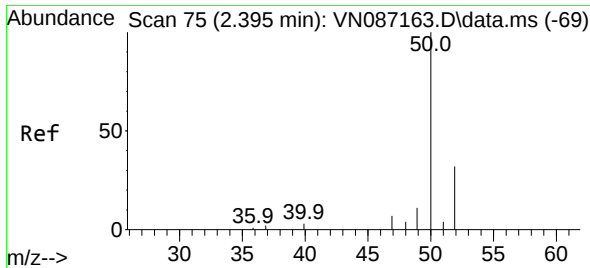
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#2
Dichlorodifluoromethane
Concen: 16.243 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

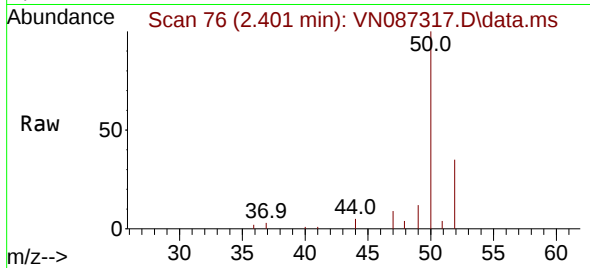
Tgt Ion: 85 Resp: 43577
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.0





#3
Chloromethane
Concen: 13.361 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

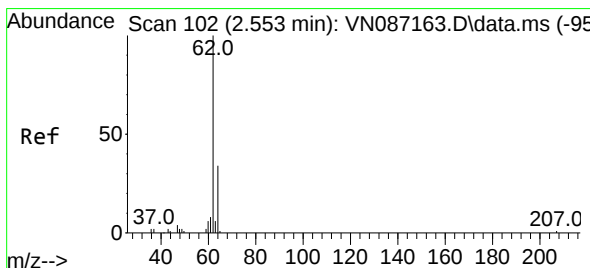
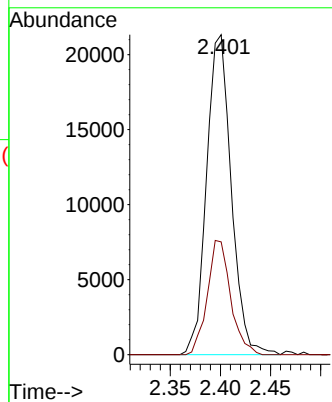
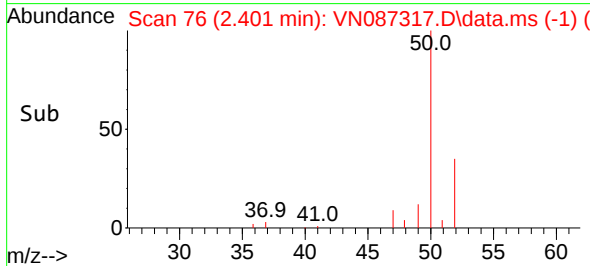
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 50 Resp: 36610
Ion Ratio Lower Upper
50 100
52 35.2 25.9 38.9

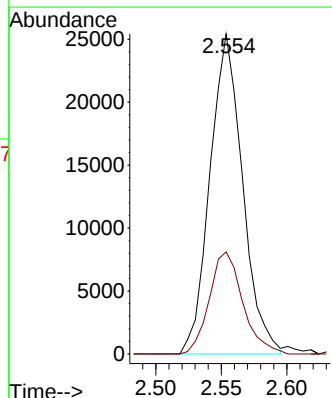
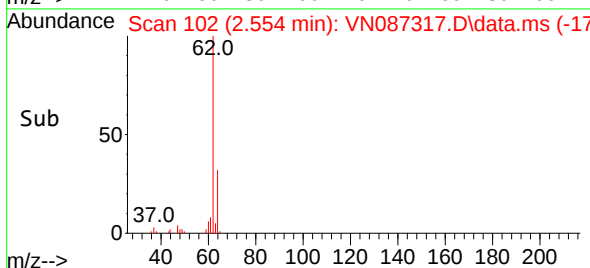
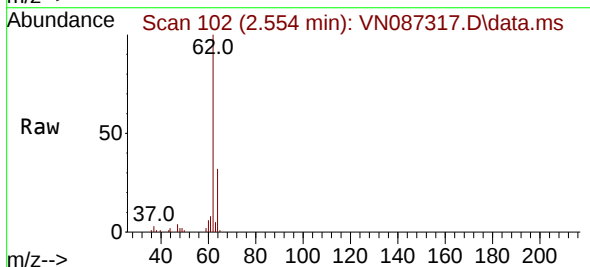
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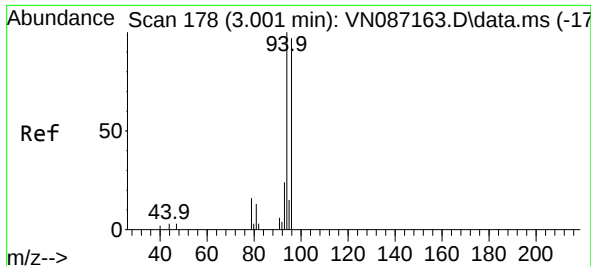
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#4
Vinyl Chloride
Concen: 14.764 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

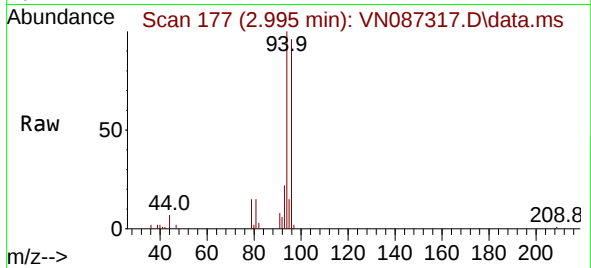
Tgt Ion: 62 Resp: 43969
Ion Ratio Lower Upper
62 100
64 31.9 27.4 41.2





#5
Bromomethane
Concen: 24.796 ug/l
RT: 2.995 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

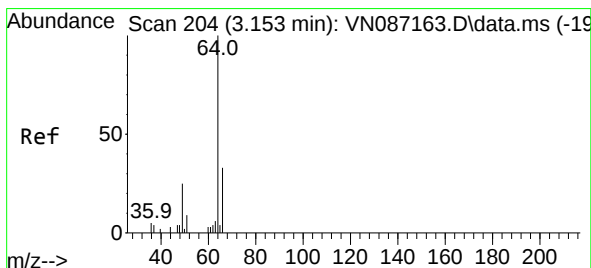
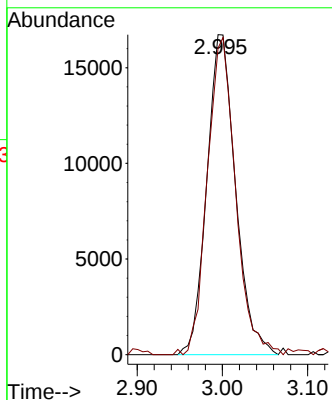
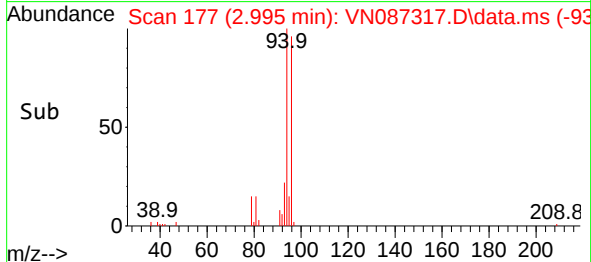
Instrument :
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ClientSampleId :
VN0710WBS01



Tgt Ion: 94 Resp: 39190
Ion Ratio Lower Upper
94 100
96 94.2 77.9 116.9

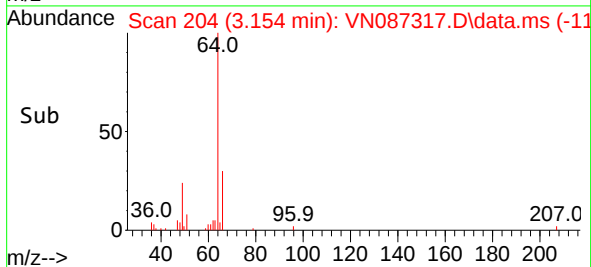
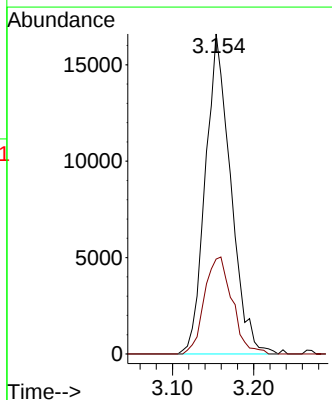
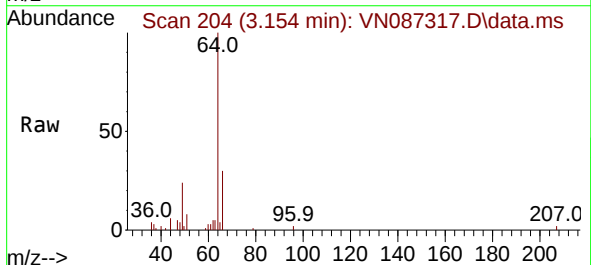
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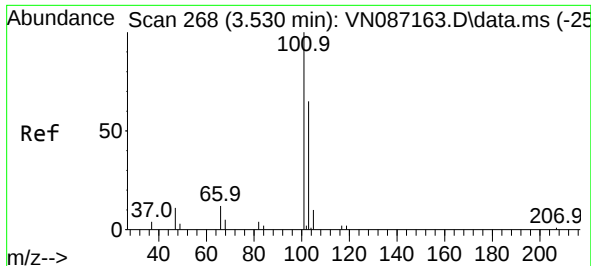
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#6
Chloroethane
Concen: 22.551 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

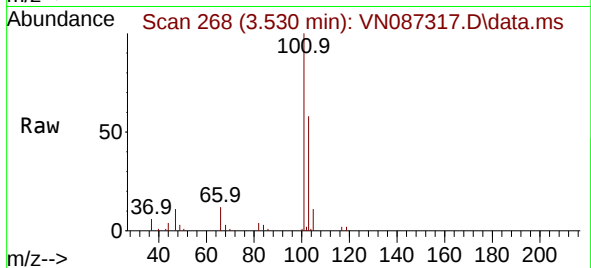
Tgt Ion: 64 Resp: 36026
Ion Ratio Lower Upper
64 100
66 29.6 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 19.888 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

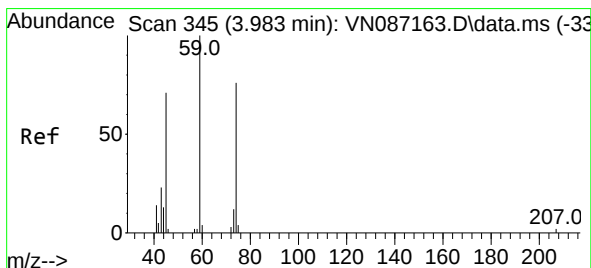
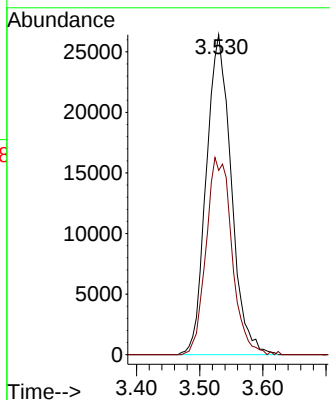
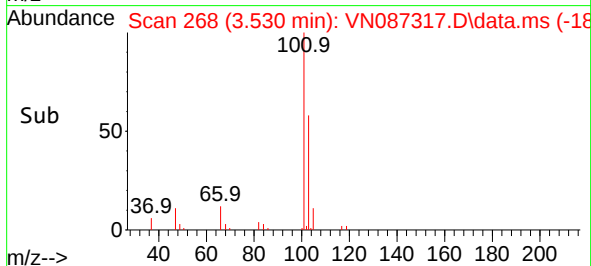
Instrument :
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Tgt Ion: 101 Resp: 72649
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.8 77.8

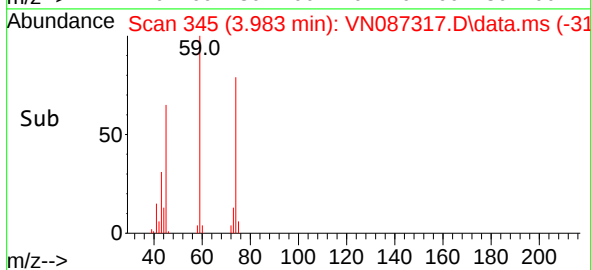
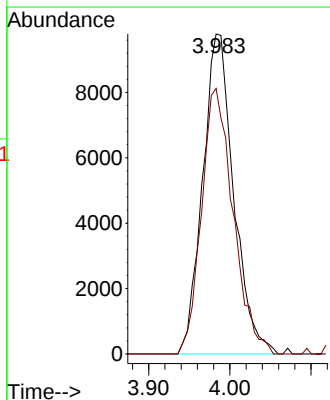
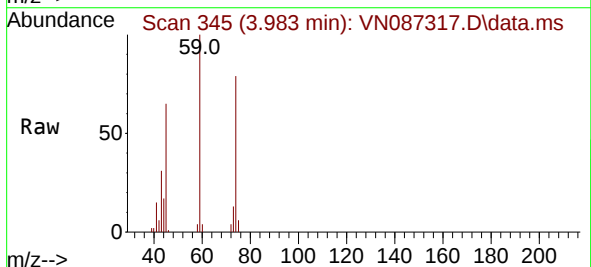
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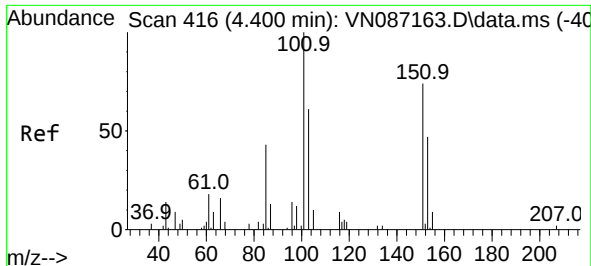
Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025



#8
 Diethyl Ether
 Concen: 14.497 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

Tgt Ion: 74 Resp: 26018
 Ion Ratio Lower Upper
 74 100
 45 84.5 19.0 171.0





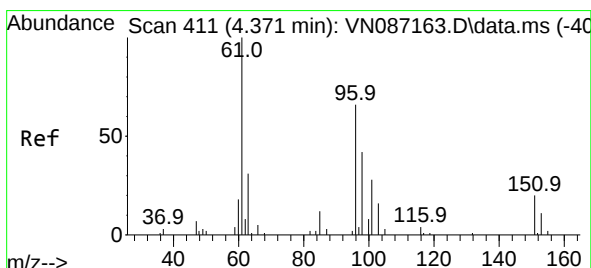
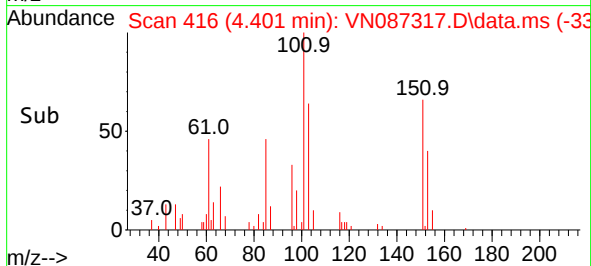
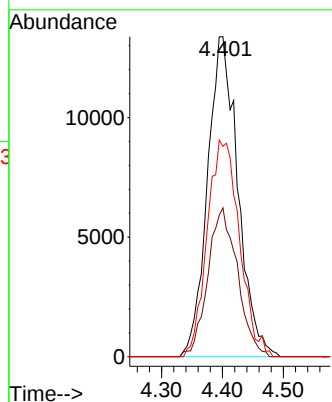
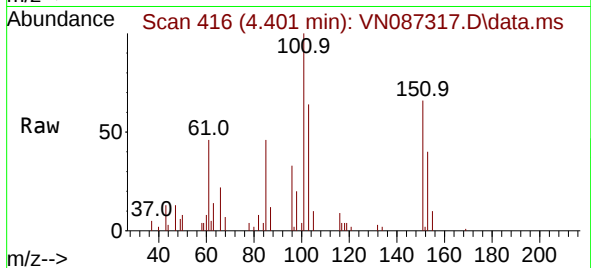
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1,1,2-Trichlorotrifluoroethane
Concen: 17.101 ug/l
RT: 4.401 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:101 Resp: 4631
Ion Ratio Lower Upper
101 100
85 45.1 0.0 40.6
151 70.9 0.0 141.2

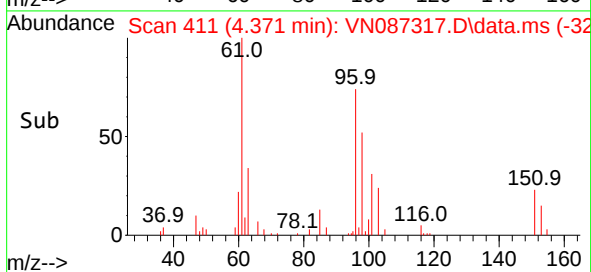
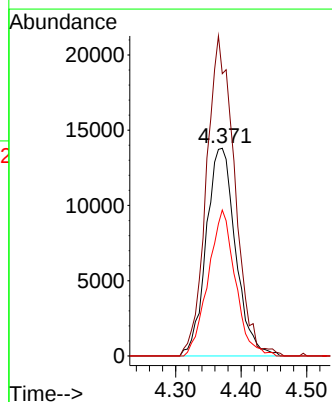
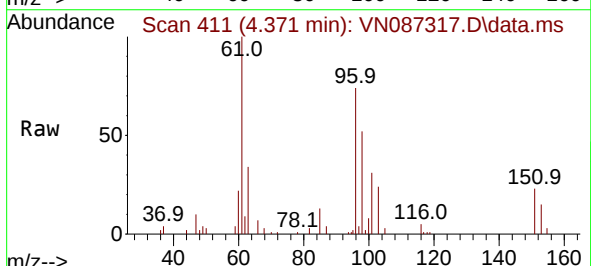
Manual Integrations
APPROVED

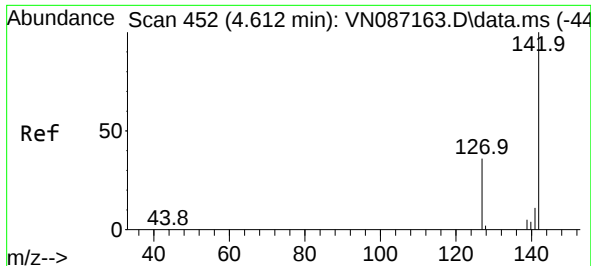
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#10
1,1-Dichloroethene
Concen: 15.916 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

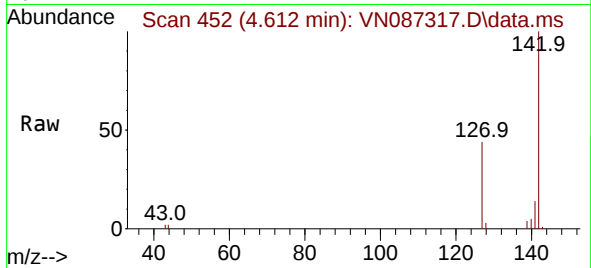
Tgt Ion: 96 Resp: 42967
Ion Ratio Lower Upper
96 100
61 135.9 122.0 183.0
98 70.3 50.3 75.5





#11
Methyl Iodide
Concen: 19.460 ug/l
RT: 4.612 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

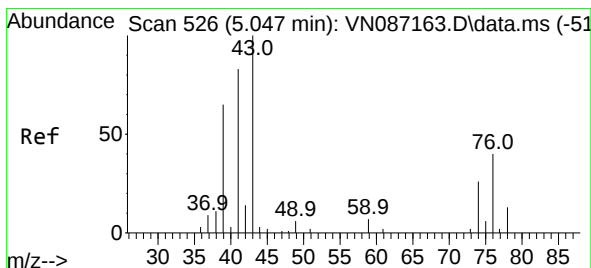
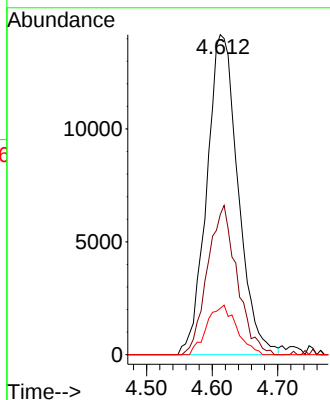
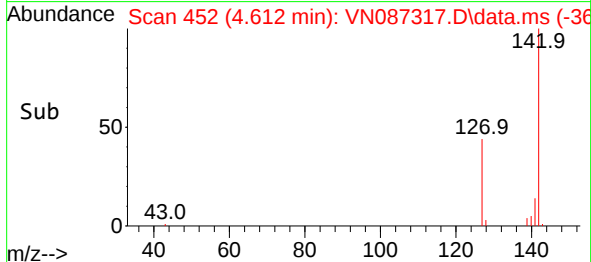
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



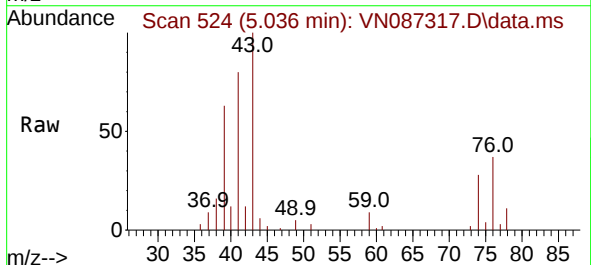
Tgt Ion:142 Resp: 47060
Ion Ratio Lower Upper
142 100
127 44.3 18.1 54.1
141 14.6 5.7 17.1

Manual Integrations
APPROVED

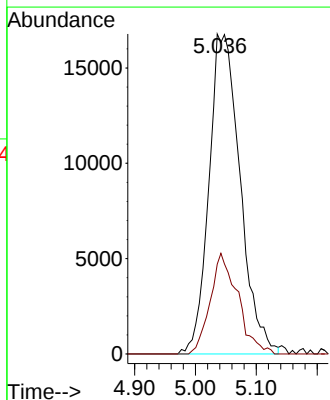
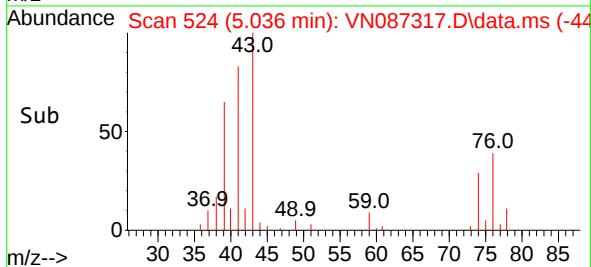
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

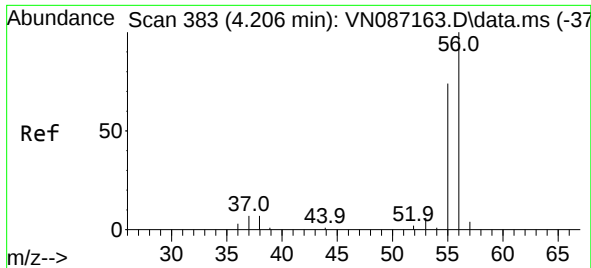


#12
Methyl Acetate
Concen: 14.109 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.012 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



Tgt Ion: 43 Resp: 59745
Ion Ratio Lower Upper
43 100
74 28.3 20.3 30.5





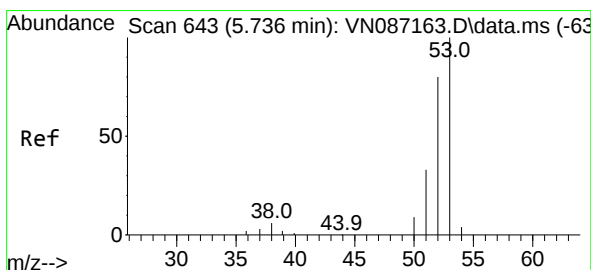
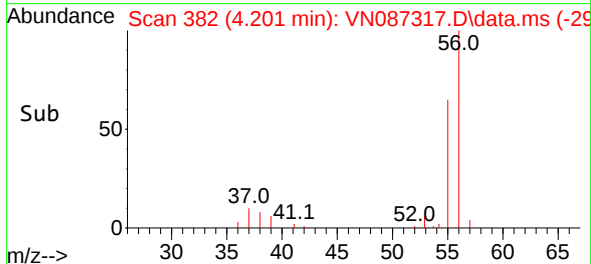
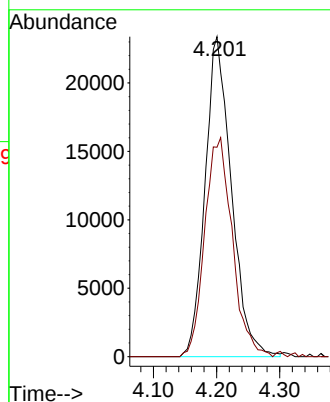
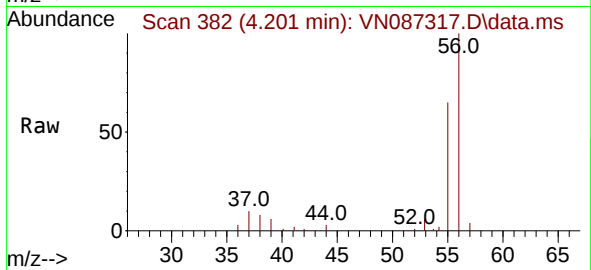
#13
Acrolein
Concen: 104.152 ug/l
RT: 4.201 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 56 Resp: 6777
Ion Ratio Lower Upper
56 100
55 71.6 55.7 83.5

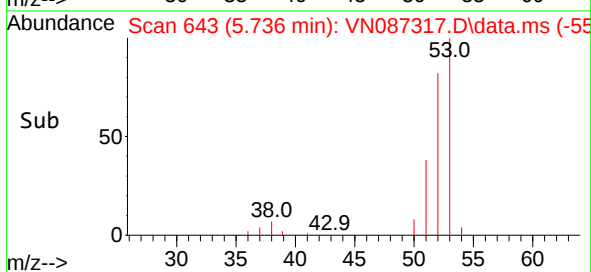
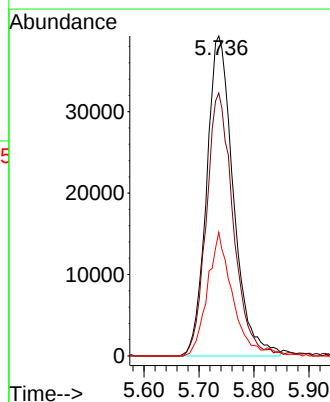
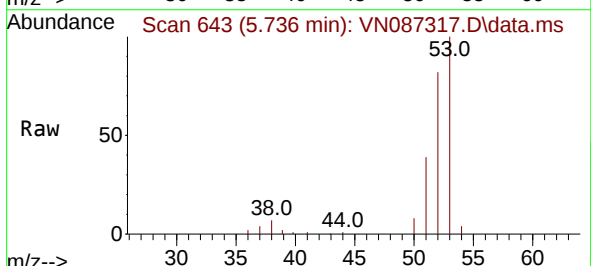
Manual Integrations
APPROVED

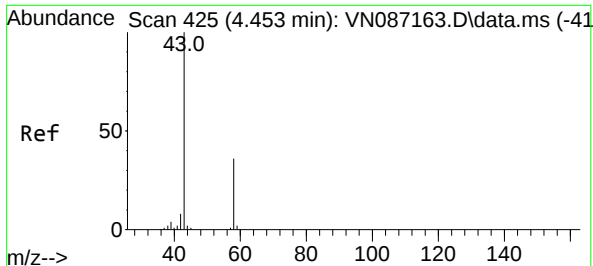
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#14
Acrylonitrile
Concen: 67.330 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

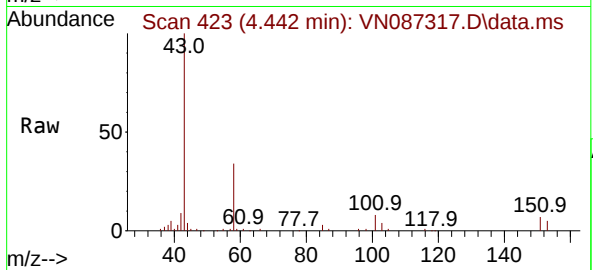
Tgt Ion: 53 Resp: 132992
Ion Ratio Lower Upper
53 100
52 81.4 40.5 121.5
51 34.9 16.9 50.7





#15
Acetone
Concen: 79.671 ug/l
RT: 4.442 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

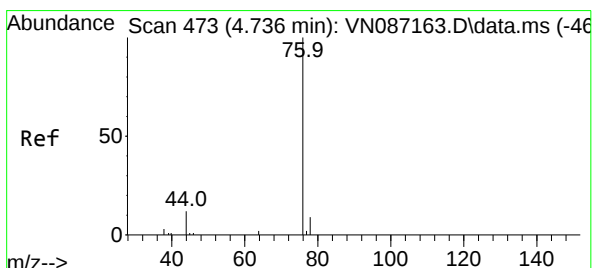
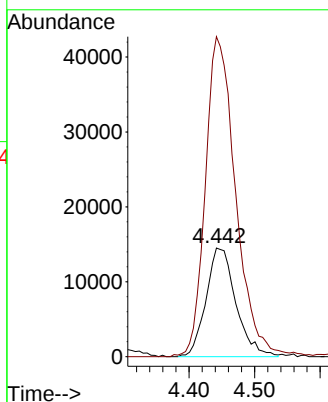
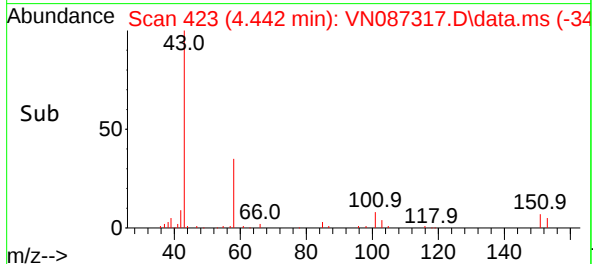
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 58 Resp: 45904
Ion Ratio Lower Upper
58 100
43 292.8 224.3 336.5

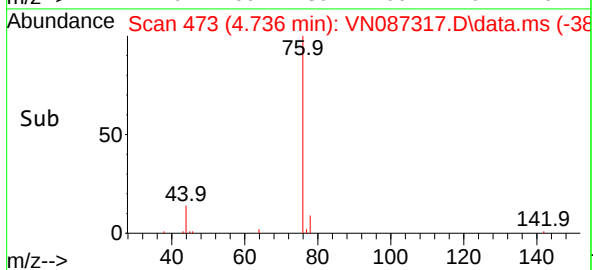
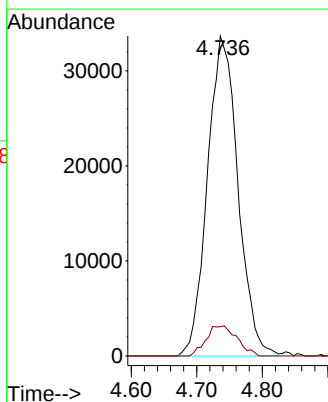
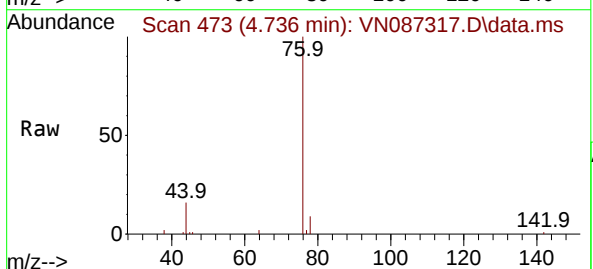
Manual Integrations
APPROVED

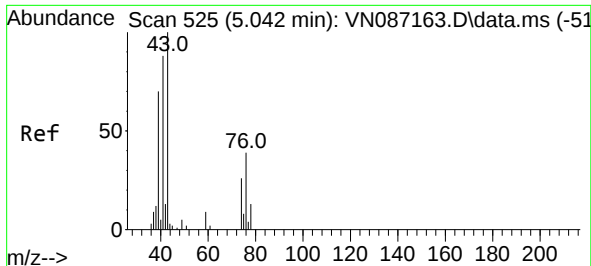
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#16
Carbon Disulfide
Concen: 13.780 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

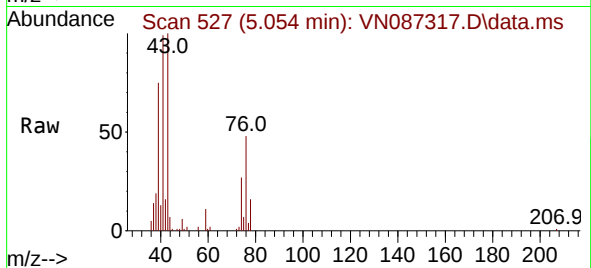
Tgt Ion: 76 Resp: 108774
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#17
Allyl chloride
Concen: 12.344 ug/l
RT: 5.054 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

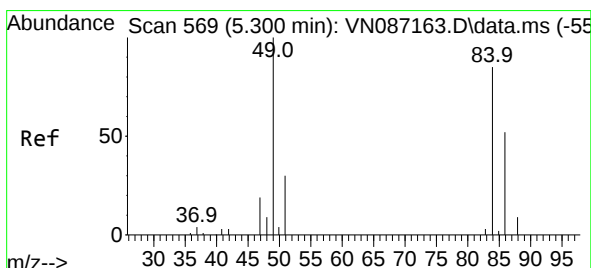
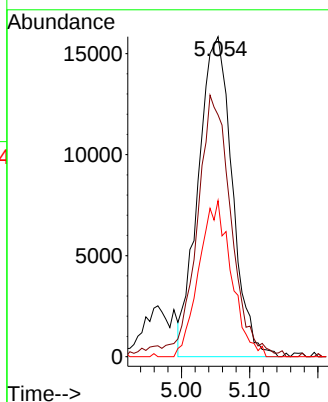
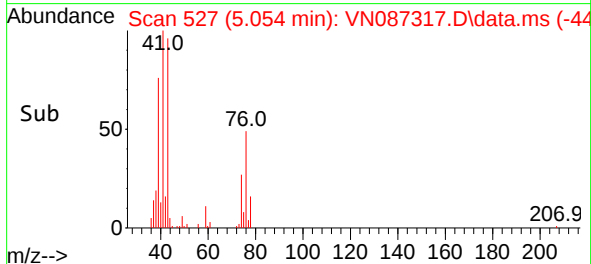
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 41 Resp: 5496
Ion Ratio Lower Upper
41 100
39 74.4 36.0 108.0
76 48.7 19.5 58.5

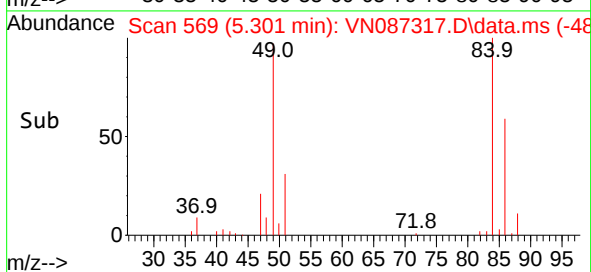
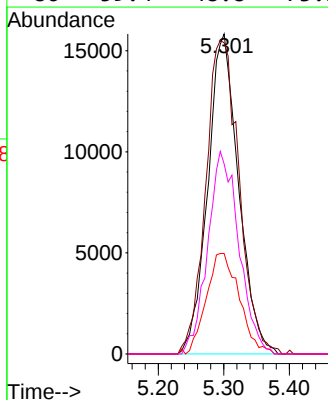
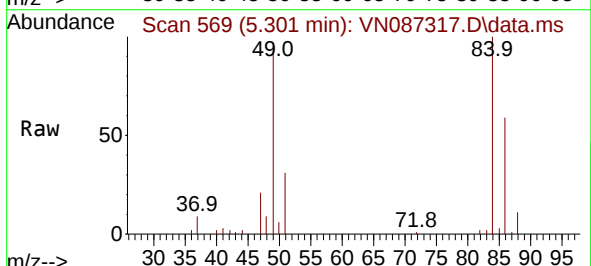
Manual Integrations
APPROVED

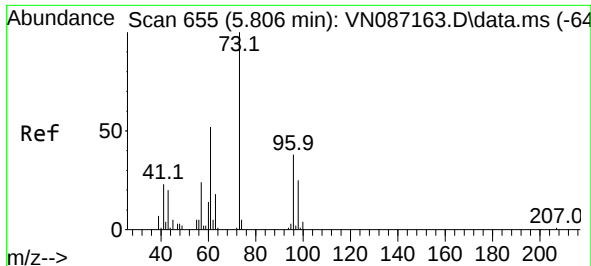
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#18
Methylene Chloride
Concen: 16.495 ug/l
RT: 5.301 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

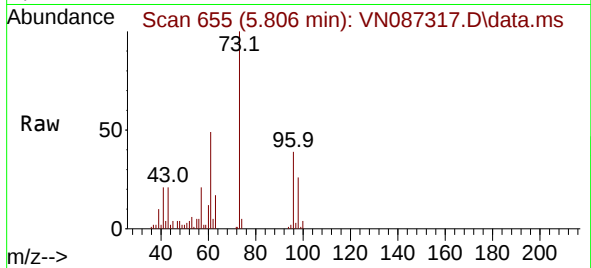
Tgt Ion: 84 Resp: 51589
Ion Ratio Lower Upper
84 100
49 97.2 94.0 141.0
51 31.4 28.3 42.5
86 59.4 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 16.297 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

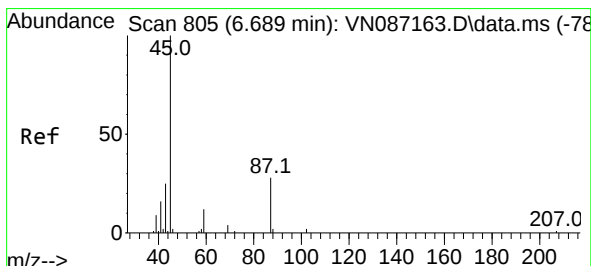
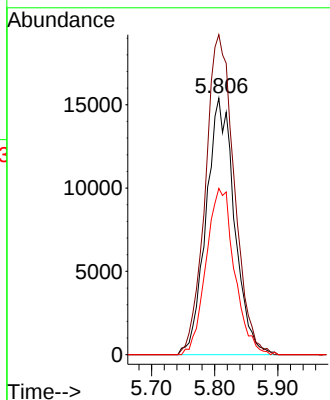
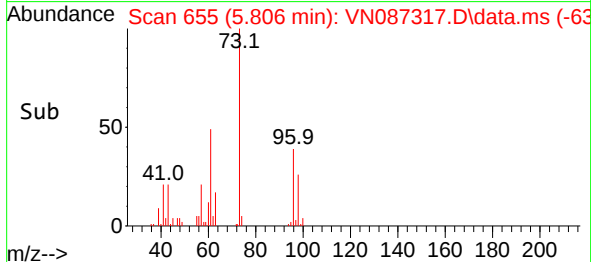
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 96 Resp: 48114
Ion Ratio Lower Upper
96 100
61 124.8 110.3 165.5
98 64.8 51.6 77.4

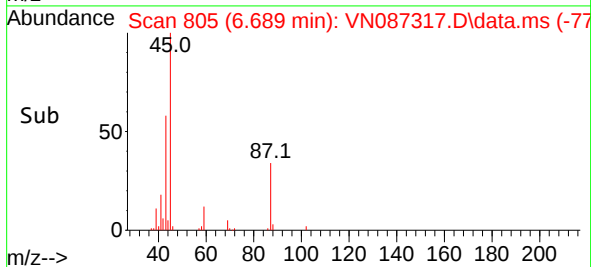
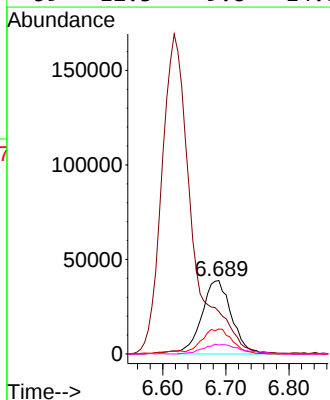
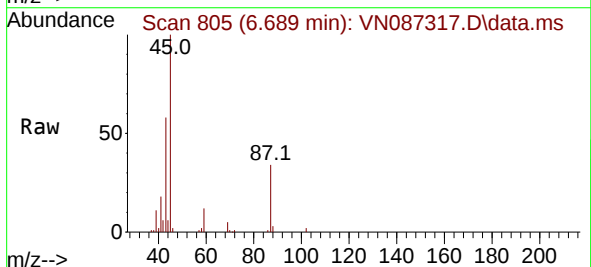
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#20
Diisopropyl ether
Concen: 13.331 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 45 Resp: 125943
Ion Ratio Lower Upper
45 100
43 56.7 45.3 67.9
87 34.0 22.6 33.8#
59 12.3 9.8 14.8





#21

1,1-Dichloroethane

Concen: 15.216 ug/l

RT: 6.589 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

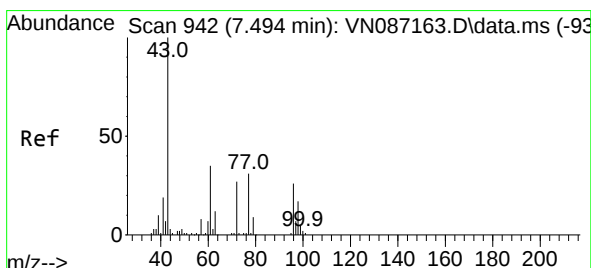
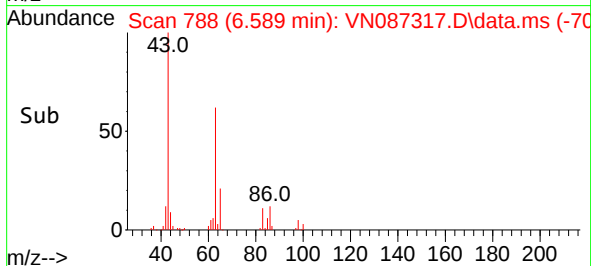
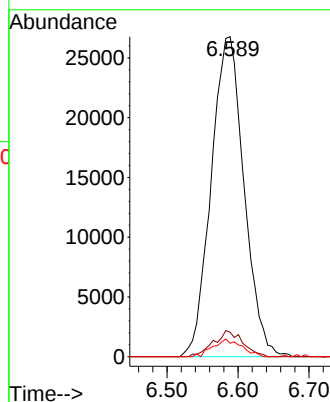
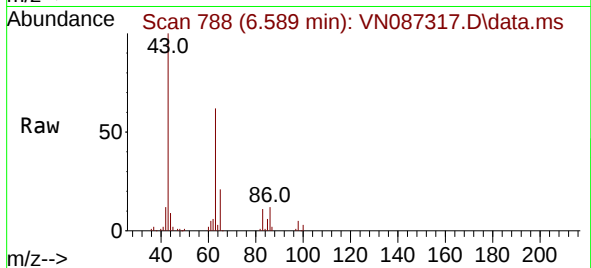
Tgt Ion:	63	Resp:	8591
Ion Ratio	Lower	Upper	
63	100		
98	7.6	3.5	10.4
100	4.2	2.0	5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#22

cis-1,2-Dichloroethene

Concen: 16.920 ug/l

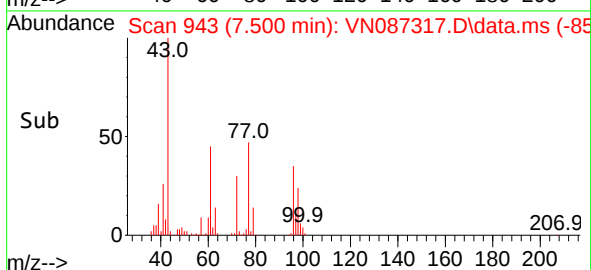
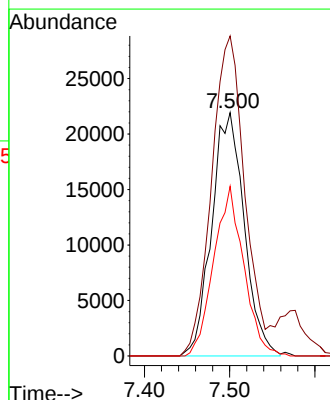
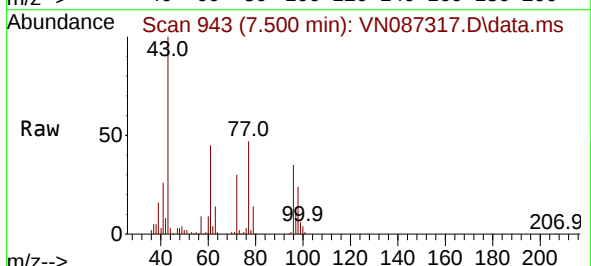
RT: 7.500 min Scan# 943

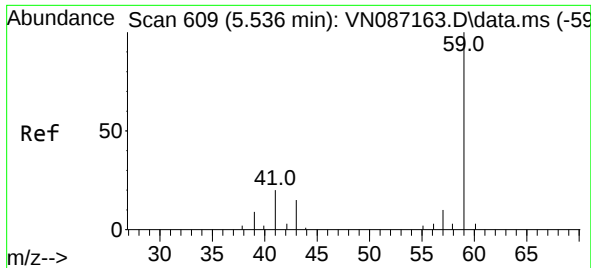
Delta R.T. 0.006 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

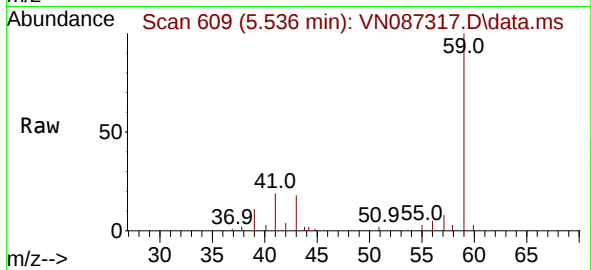
Tgt Ion:	96	Resp:	58139
Ion Ratio	Lower	Upper	
96	100		
61	133.3	119.2	178.8
98	64.4	50.6	75.8





#23
tert-Butyl Alcohol
Concen: 70.947 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

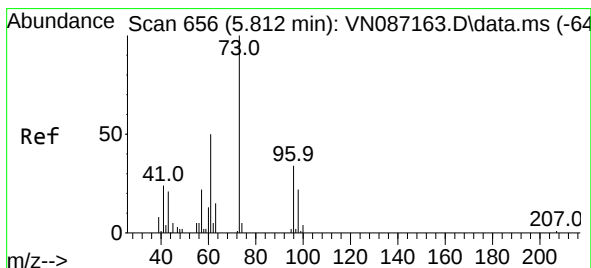
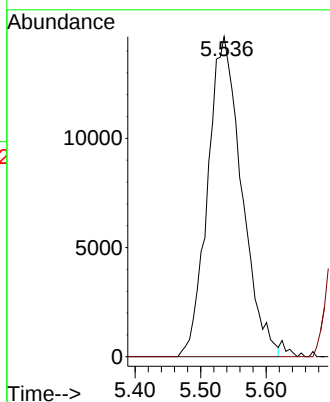
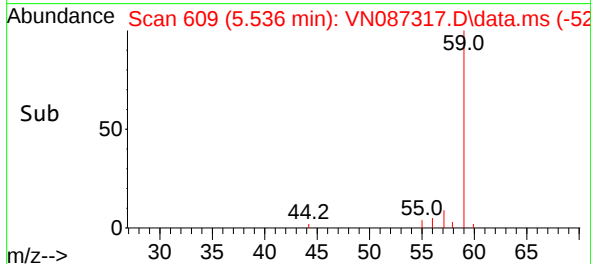
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 59 Resp: 5270
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

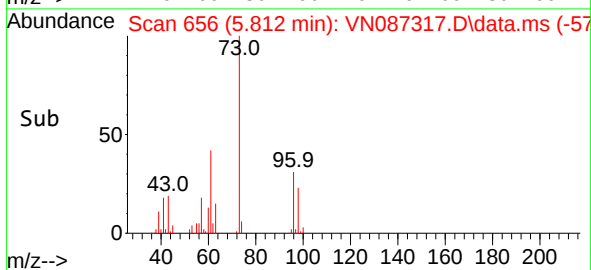
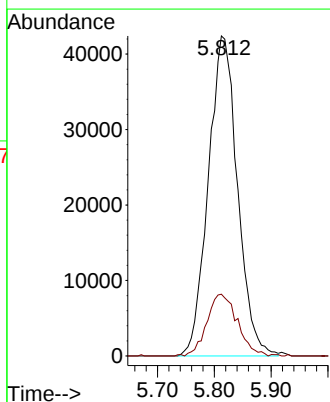
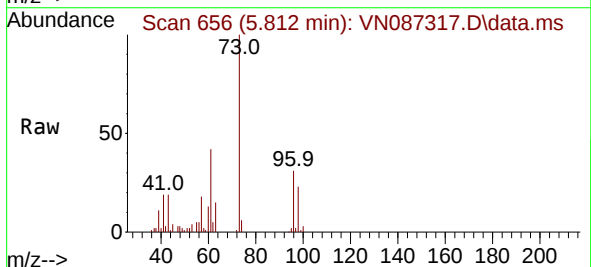
Manual Integrations
APPROVED

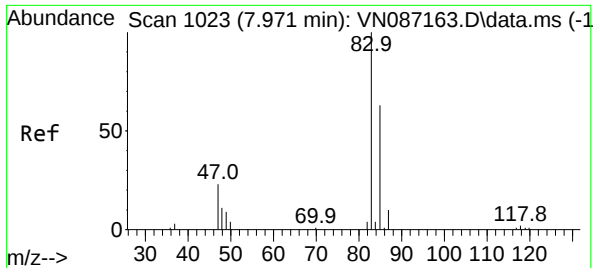
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#24
Methyl tert-Butyl Ether
Concen: 15.996 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

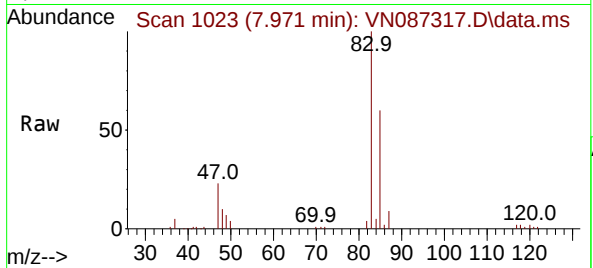
Tgt Ion: 73 Resp: 151453
Ion Ratio Lower Upper
73 100
43 20.0 16.4 24.6





#25
Chloroform
Concen: 17.963 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

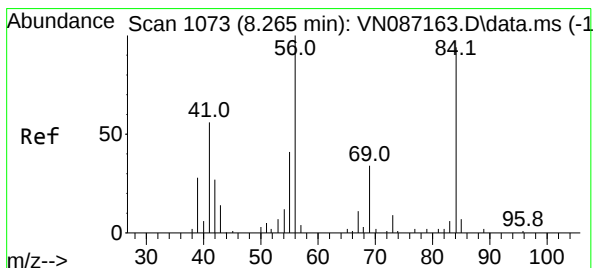
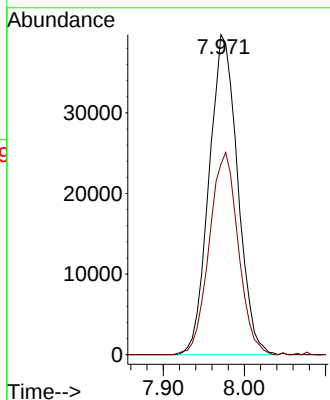
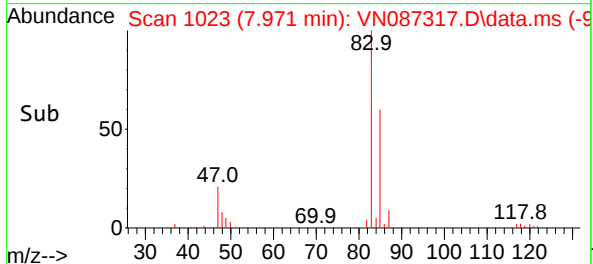
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



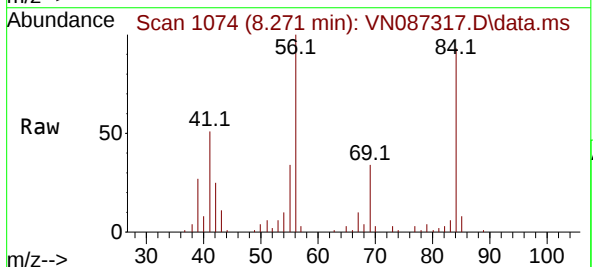
Tgt Ion: 83 Resp: 9717
Ion Ratio Lower Upper
83 100
85 59.5 50.7 76.1

Manual Integrations
APPROVED

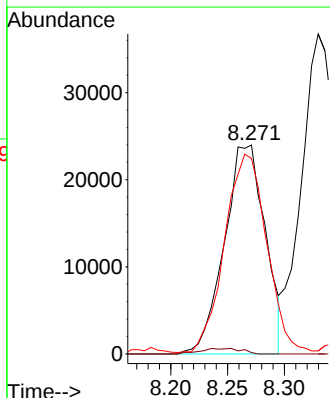
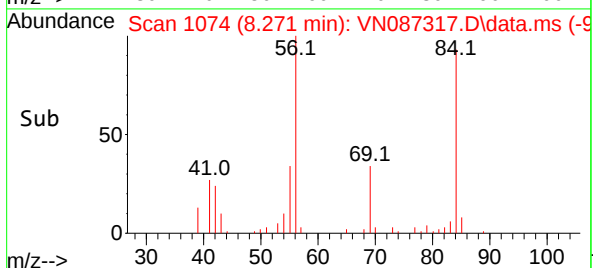
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

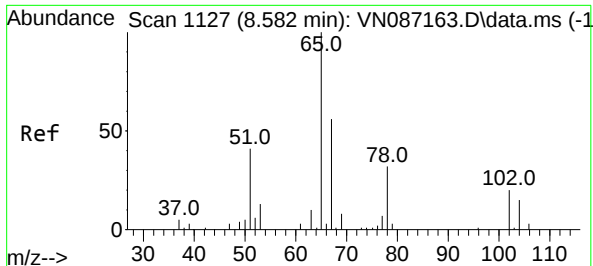


#26
Cyclohexane
Concen: 12.790 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



Tgt Ion: 56 Resp: 60030
Ion Ratio Lower Upper
56 100
89 1.3 6.9 10.3#
84 96.9 69.1 103.7





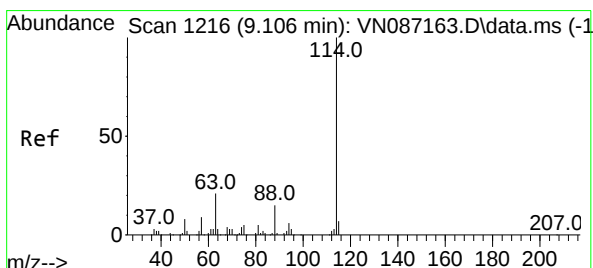
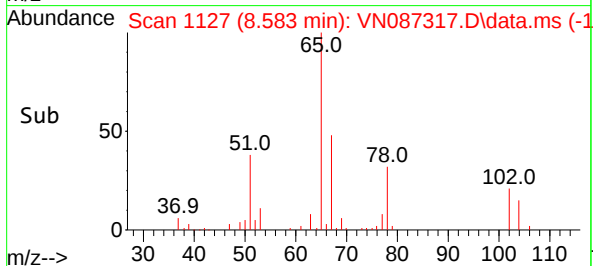
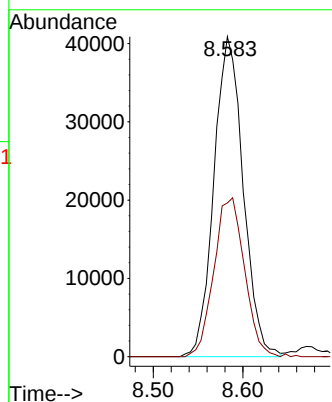
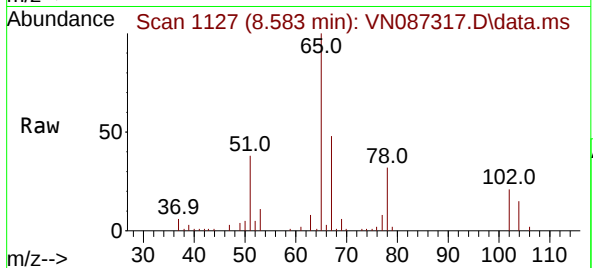
#27
1,2-Dichloroethane-d4
Concen: 27.587 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 65 Resp: 9263
Ion Ratio Lower Upper
65 100
67 51.8 41.9 62.9

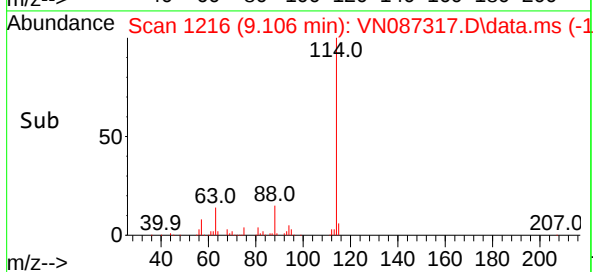
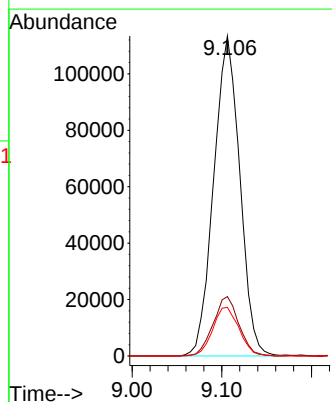
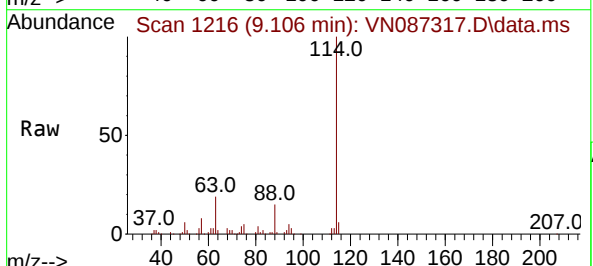
Manual Integrations
APPROVED

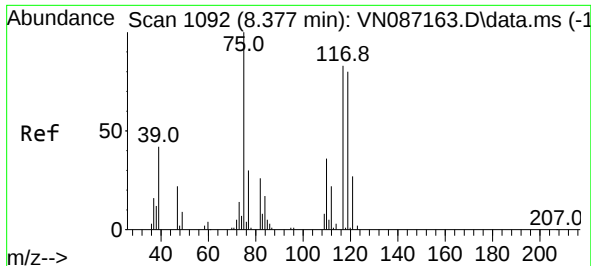
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:114 Resp: 228909
Ion Ratio Lower Upper
114 100
63 18.4 17.0 25.4
88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 16.577 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

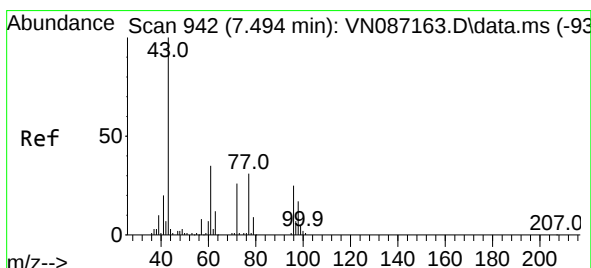
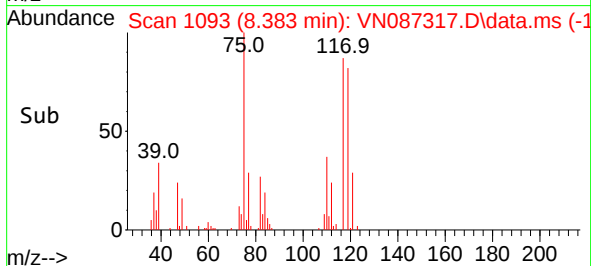
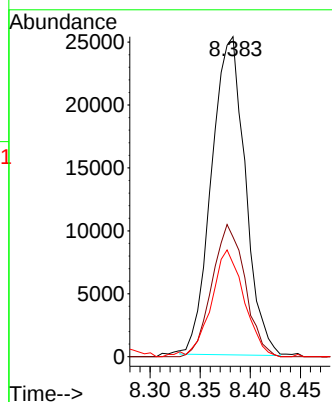
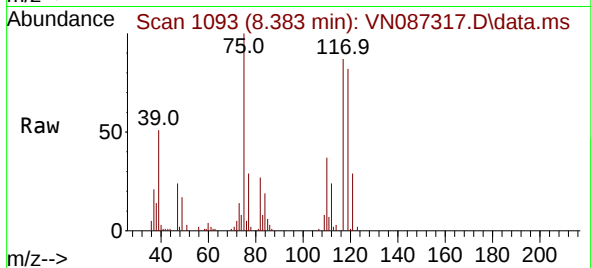
Tgt Ion: 75	Resp: 5914
Ion Ratio	Lower Upper
75 100	
110 40.7	0.0 69.2
77 32.2	0.0 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#30

2-Butanone

Concen: 76.402 ug/l

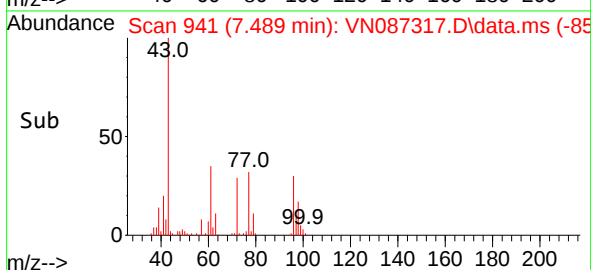
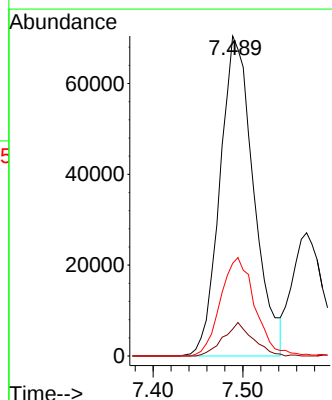
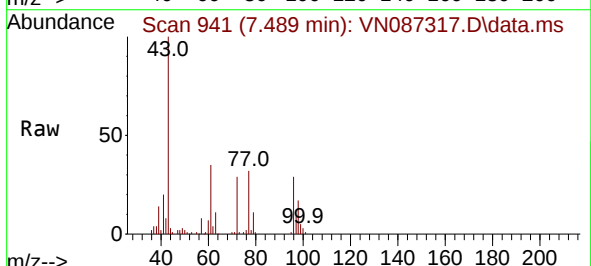
RT: 7.489 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

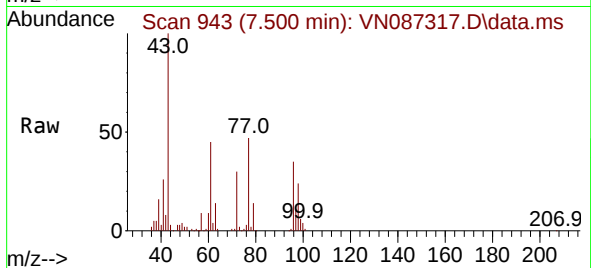
Tgt Ion: 43	Resp: 183880
Ion Ratio	Lower Upper
43 100	
57 9.1	6.3 9.5
72 31.4	21.8 32.6





#31
2,2-Dichloropropane
Concen: 19.589 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

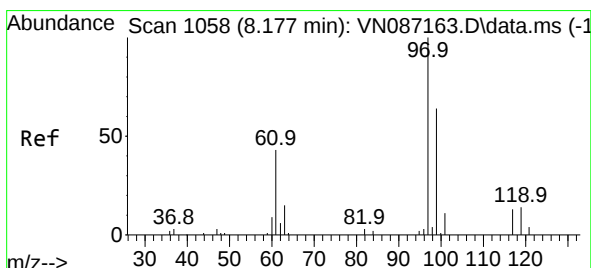
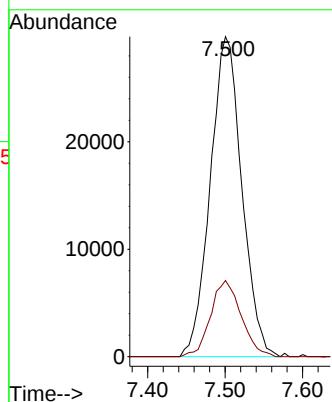
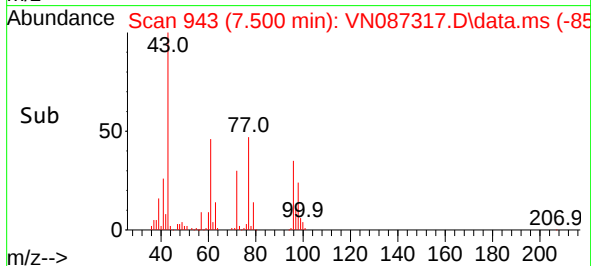
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



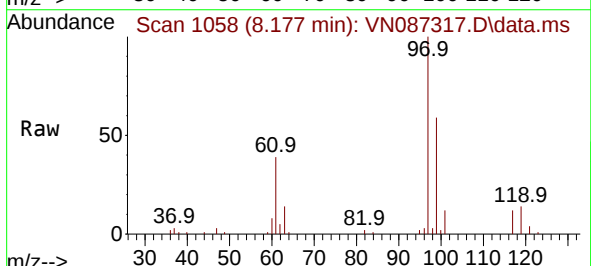
Tgt Ion: 77 Resp: 84360
Ion Ratio Lower Upper
77 100
97 23.1 18.4 27.6

Manual Integrations
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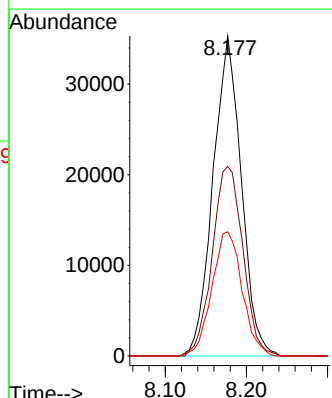
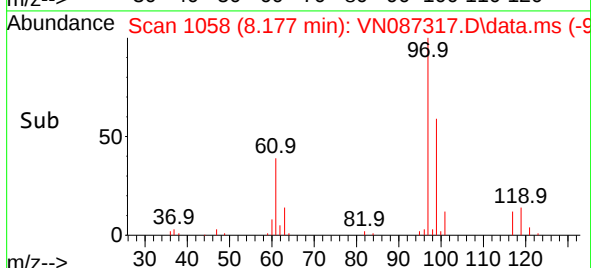
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#32
1,1,1-Trichloroethane
Concen: 20.501 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



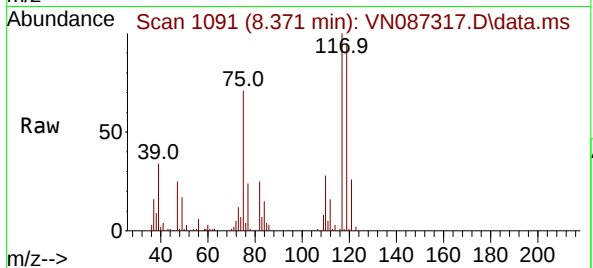
Tgt Ion: 97 Resp: 85453
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.6 36.1 54.1





#33
Carbon Tetrachloride
Concen: 21.565 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

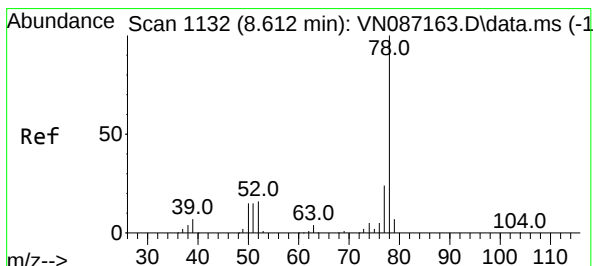
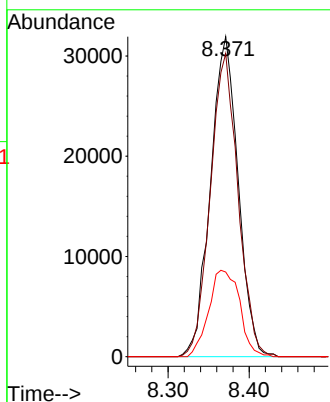
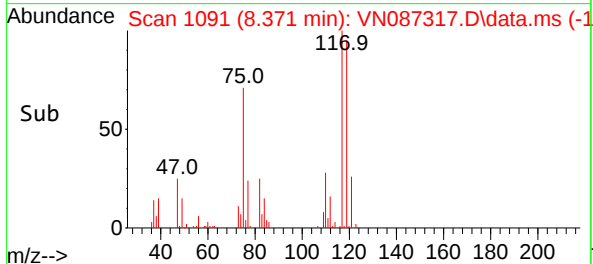
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 117 Resp: 75644
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.6
121 26.5 26.2 39.4

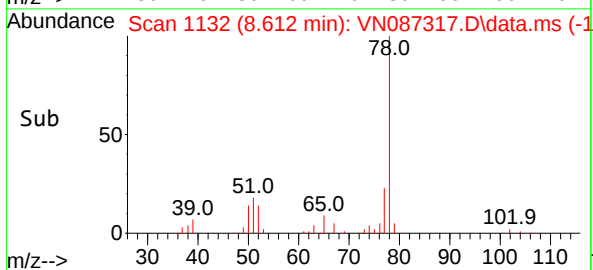
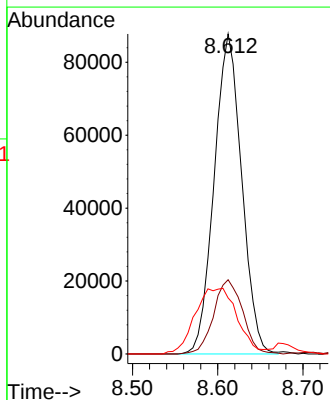
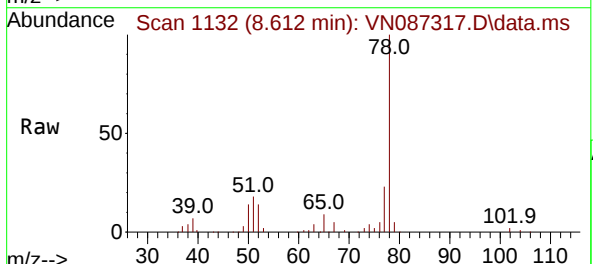
Manual Integrations
APPROVED

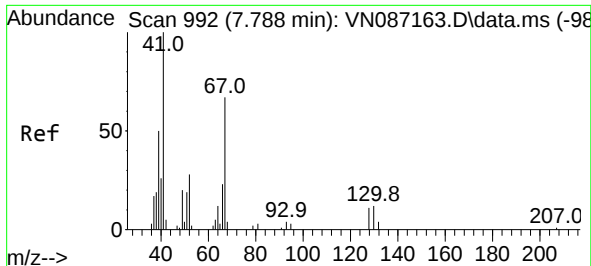
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#34
Benzene
Concen: 17.398 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

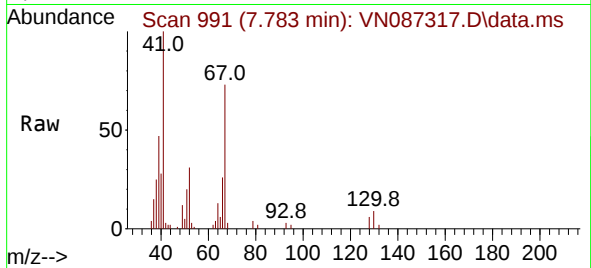
Tgt Ion: 78 Resp: 196655
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3
51 15.7 14.8 22.2





#35
Methacrylonitrile
Concen: 13.862 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

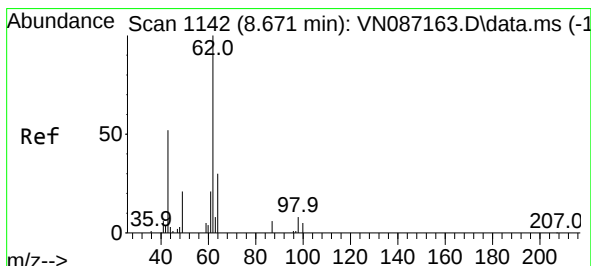
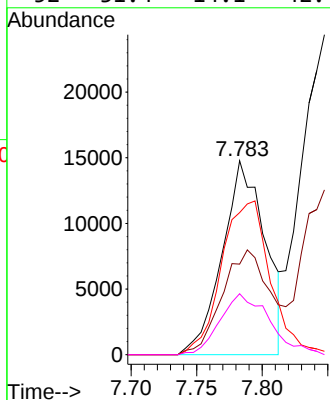
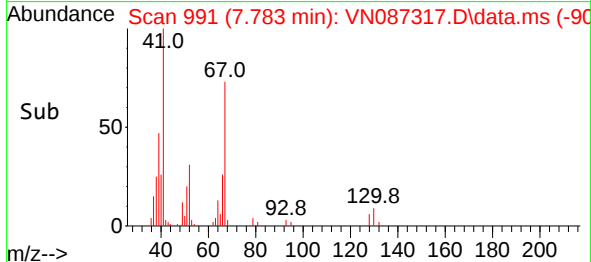
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion:	41	Resp:	3362
Ion Ratio	Lower	Upper	
41	100		
39	46.7	24.4	73.2
67	73.3	33.3	99.8
52	31.4	14.1	42.4

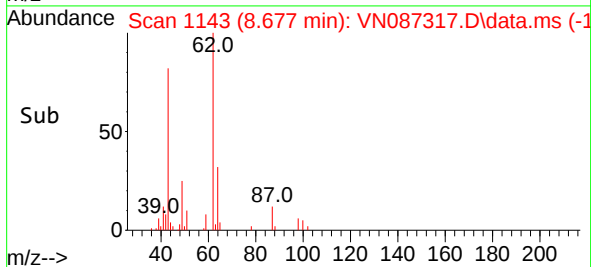
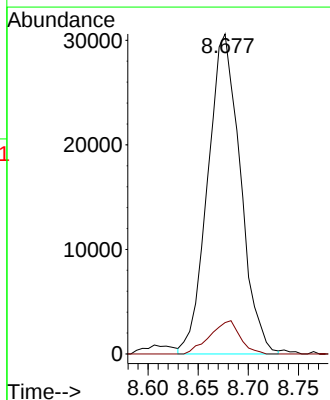
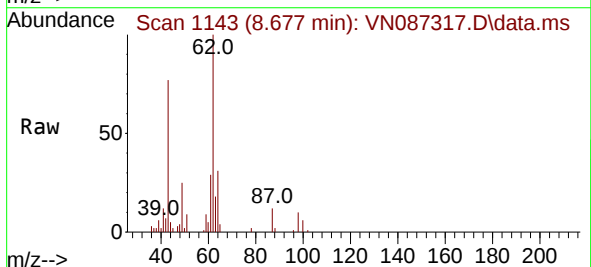
Manual Integrations
APPROVED

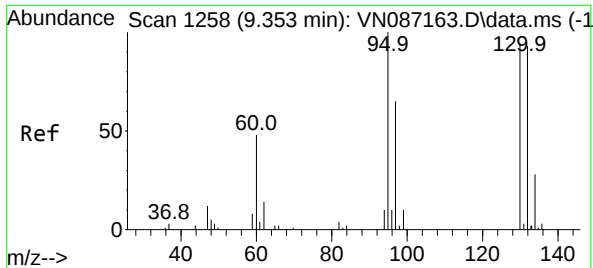
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#36
1,2-Dichloroethane
Concen: 18.959 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

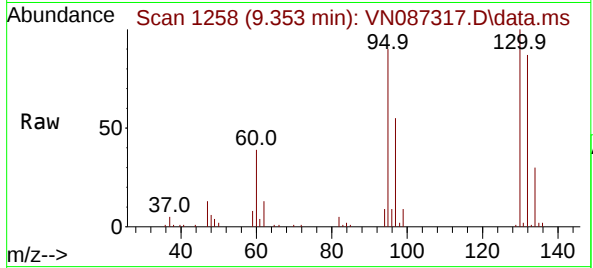
Tgt Ion:	62	Resp:	69238
Ion Ratio	Lower	Upper	
62	100		
98	9.6	7.2	10.8





#37
Trichloroethene
Concen: 19.743 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

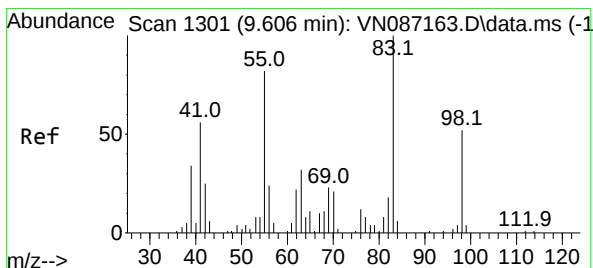
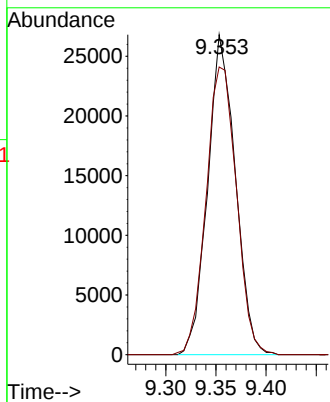
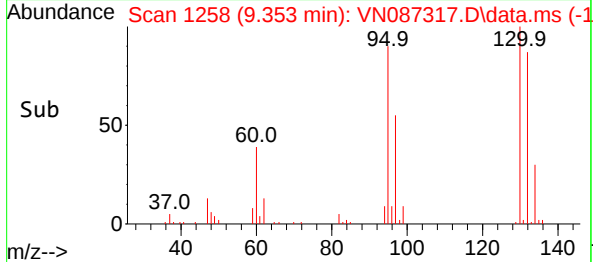
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



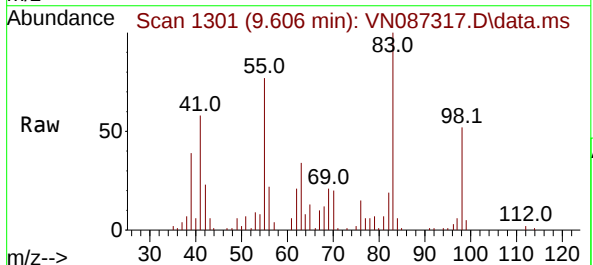
Tgt Ion:130 Resp: 51472
Ion Ratio Lower Upper
130 100
95 89.9 85.3 127.9

Manual Integrations
APPROVED

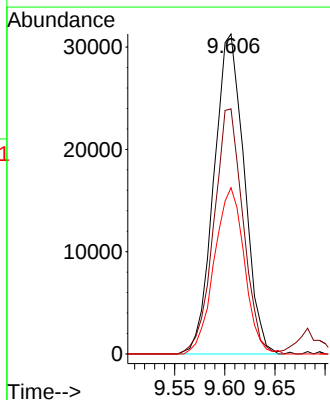
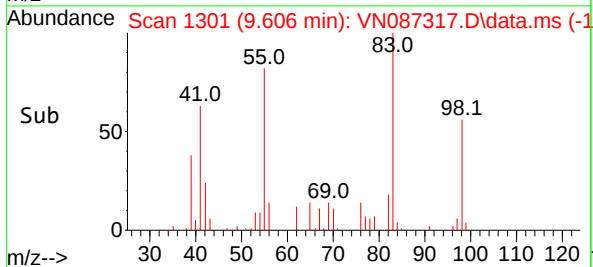
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

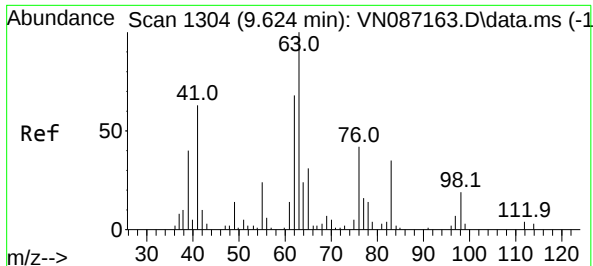


#38
Methylcyclohexane
Concen: 16.054 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



Tgt Ion: 83 Resp: 65722
Ion Ratio Lower Upper
83 100
55 74.1 40.1 120.2
98 51.5 24.4 73.2





#39

1,2-Dichloropropane

Concen: 16.237 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

Tgt Ion: 63 Resp: 46064

Ion Ratio Lower Upper

63 100

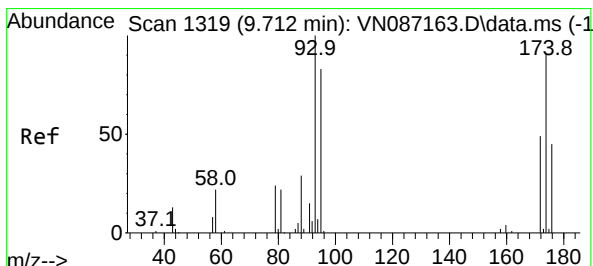
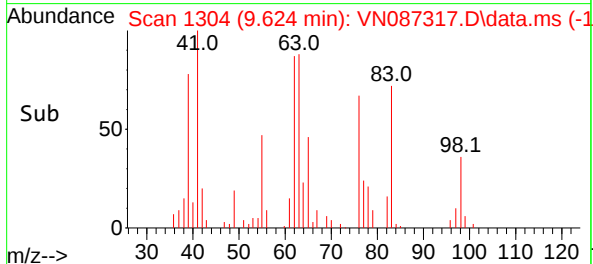
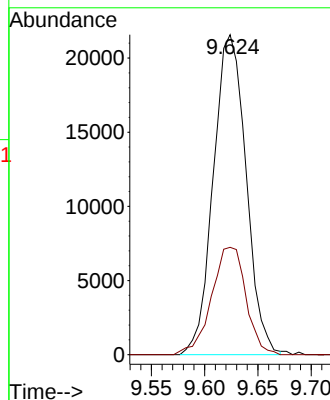
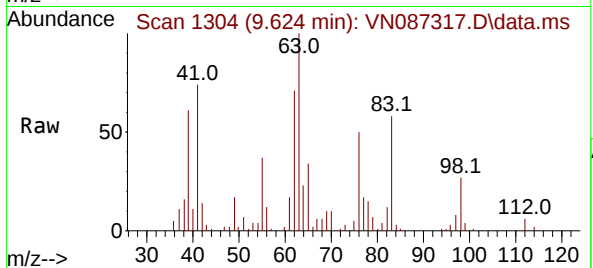
65 33.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#40

Dibromomethane

Concen: 20.255 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

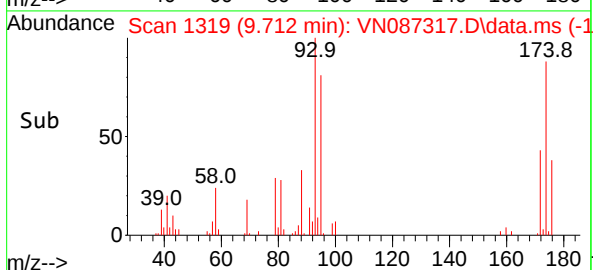
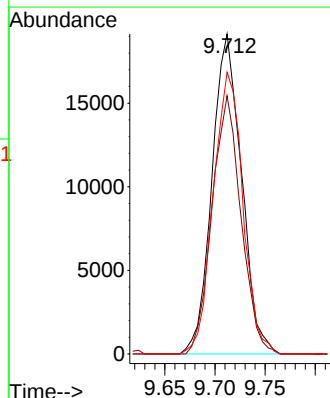
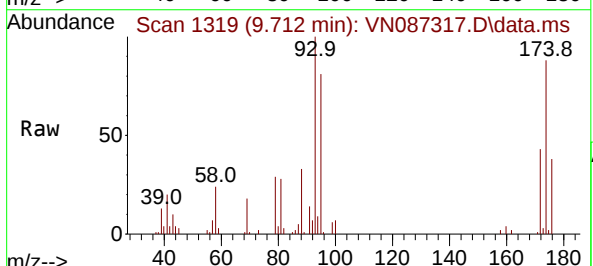
Tgt Ion: 93 Resp: 39073

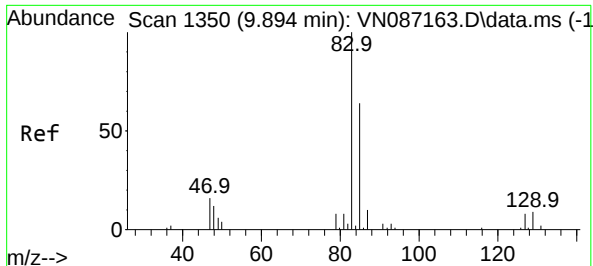
Ion Ratio Lower Upper

93 100

95 79.2 0.0 170.8

174 88.6 0.0 176.6





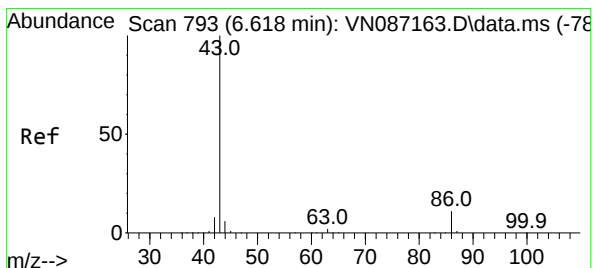
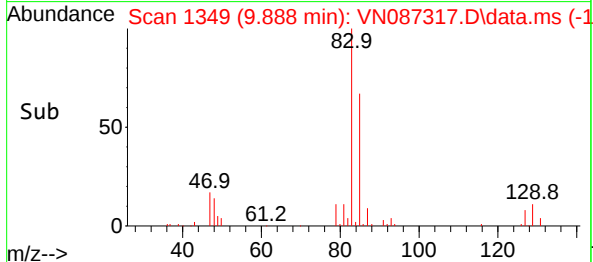
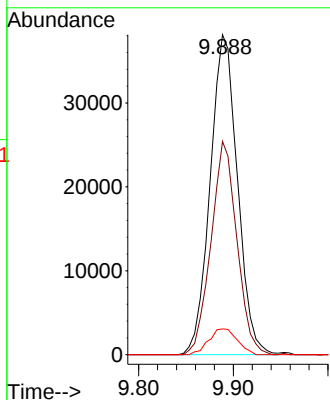
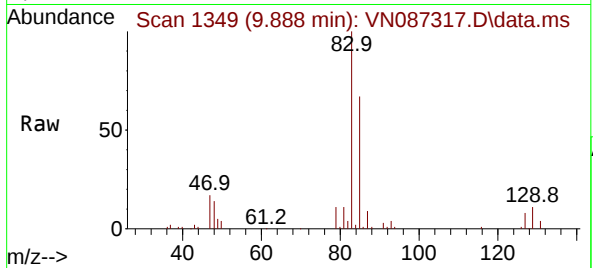
#41
Bromodichloromethane
Concen: 19.618 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 83 Resp: 76390
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.2
127 8.0 6.1 9.1

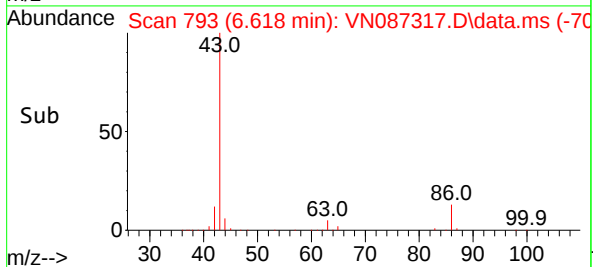
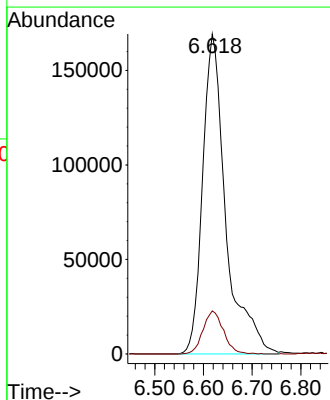
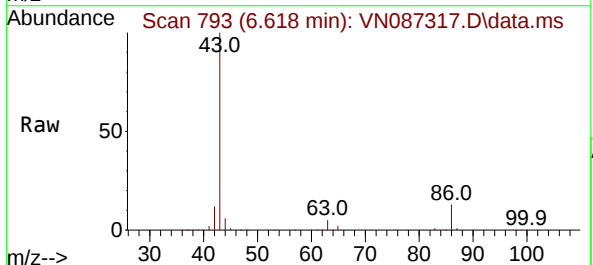
Manual Integrations
APPROVED

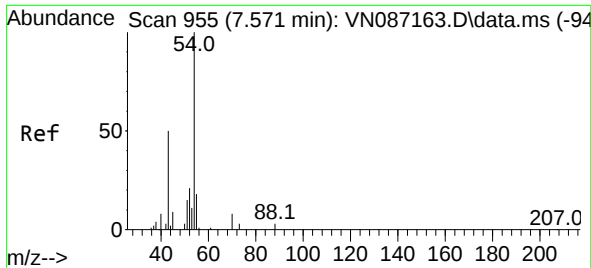
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#42
Vinyl Acetate
Concen: 71.458 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

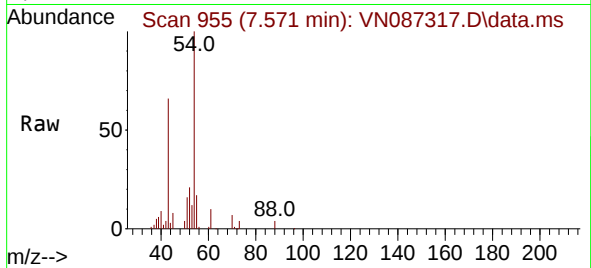
Tgt Ion: 43 Resp: 559364
Ion Ratio Lower Upper
43 100
86 11.8 7.7 11.5





#43
Ethyl Acetate
Concen: 14.668 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

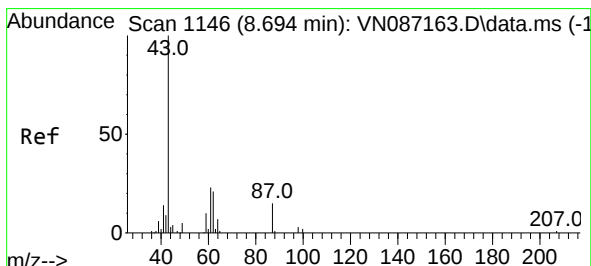
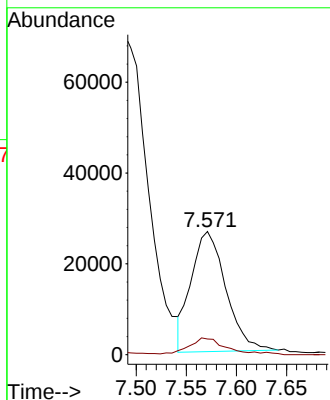
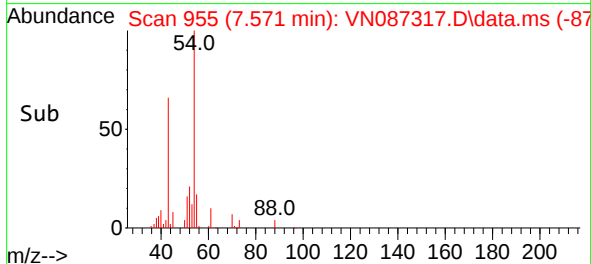
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



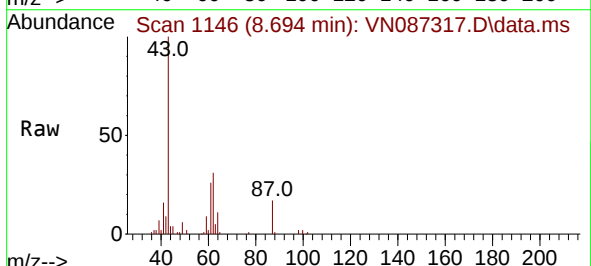
Tgt Ion: 43 Resp: 63729
Ion Ratio Lower Upper
43 100
45 12.6 11.5 17.3

Manual Integrations
APPROVED

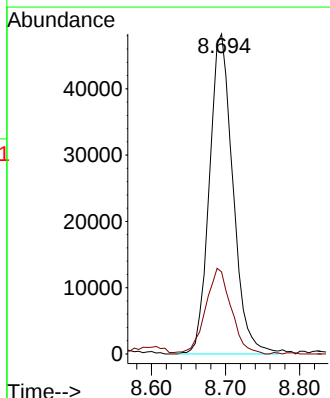
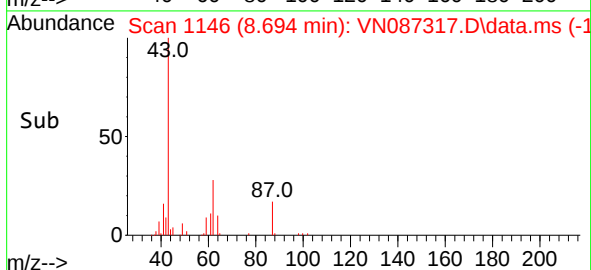
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

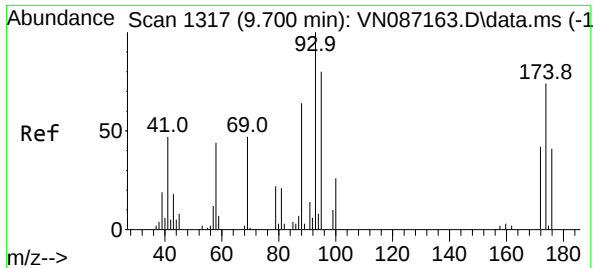


#44
Isopropyl Acetate
Concen: 15.031 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



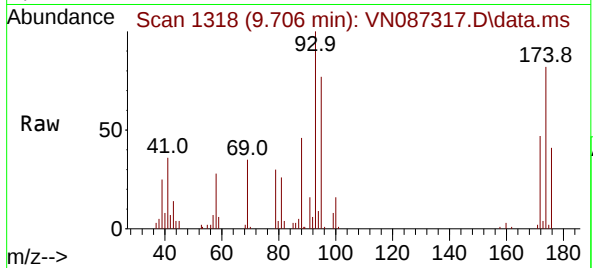
Tgt Ion: 43 Resp: 106403
Ion Ratio Lower Upper
43 100
61 29.2 20.5 30.7





#45
1,4-Dioxane
Concen: 372.856 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

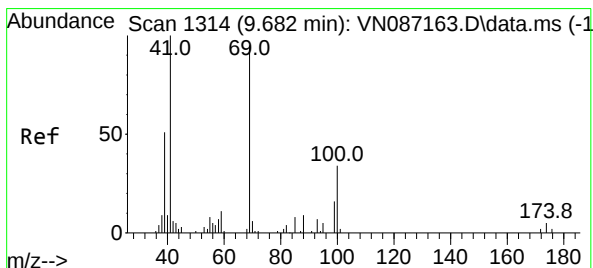
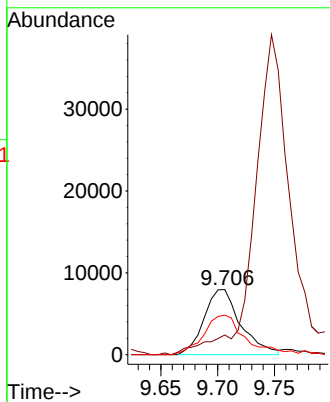
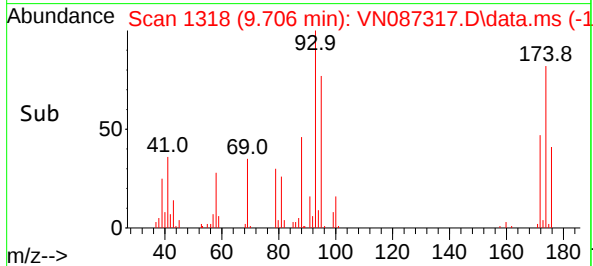
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



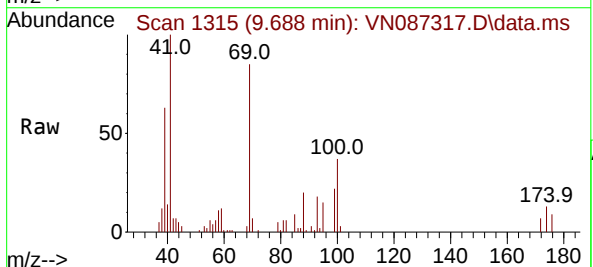
Tgt Ion: 88 Resp: 17854
Ion Ratio Lower Upper
88 100
43 25.0 21.3 31.9
58 63.2 61.7 92.5

Manual Integrations
APPROVED

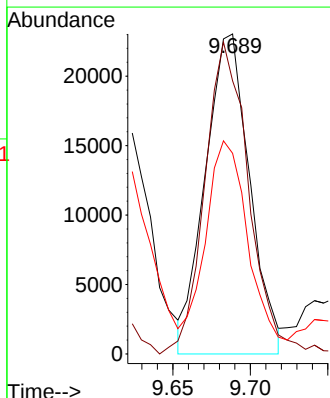
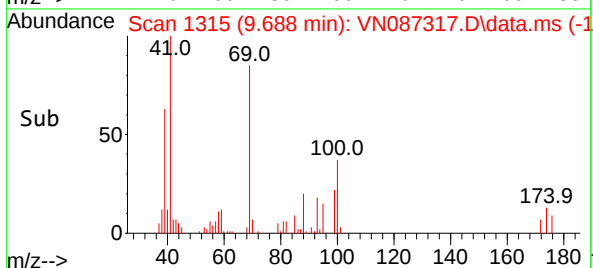
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

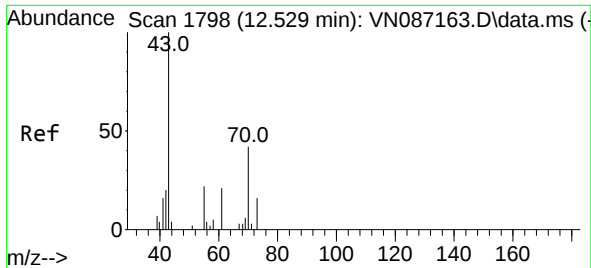


#46
Methyl methacrylate
Concen: 13.913 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



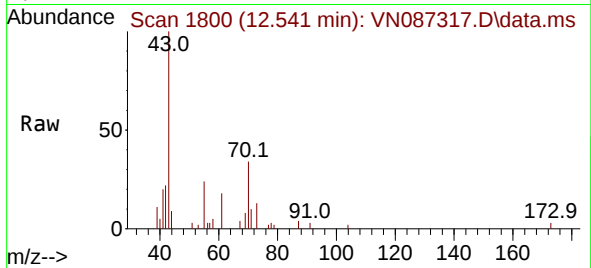
Tgt Ion: 41 Resp: 45783
Ion Ratio Lower Upper
41 100
69 88.4 45.6 136.9
39 62.4 26.2 78.5





#47
n-amy1 Acetate
Concen: 15.359 ug/l m
RT: 12.541 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

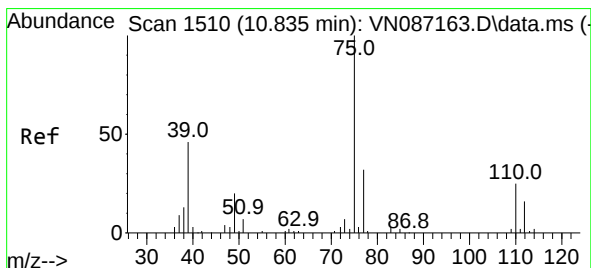
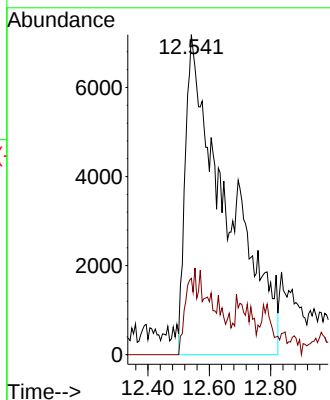
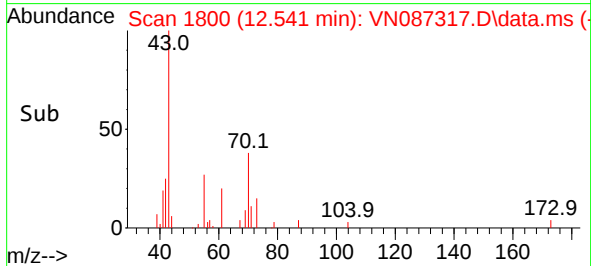
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
55 5.0 0.0 0.0

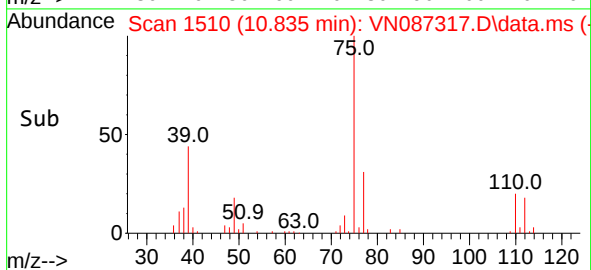
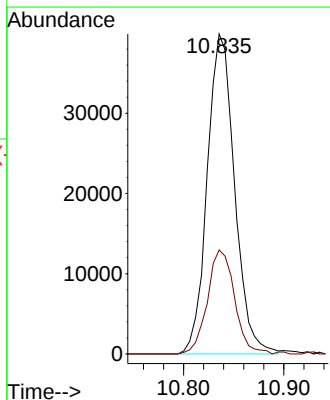
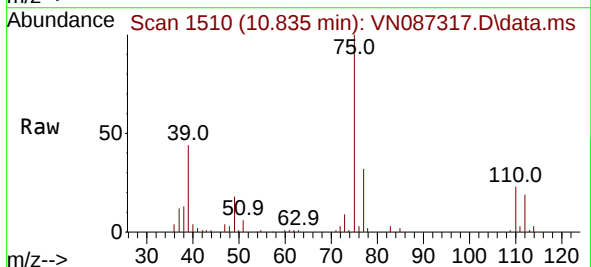
Manual Integrations
APPROVED

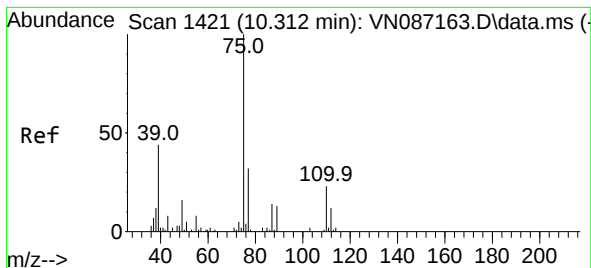
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#48
t-1,3-Dichloropropene
Concen: 17.399 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

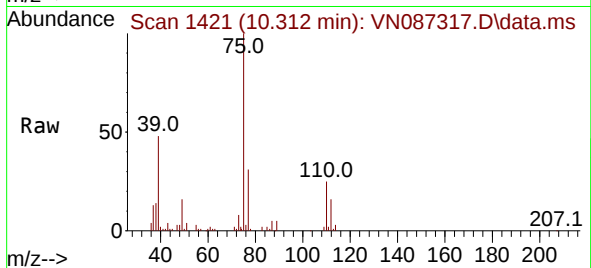
Tgt Ion: 75 Resp: 75525
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 17.277 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

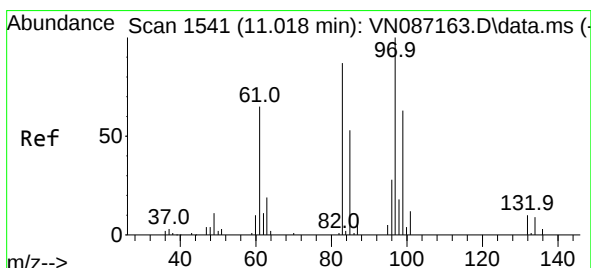
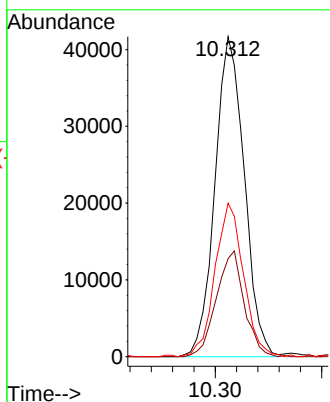
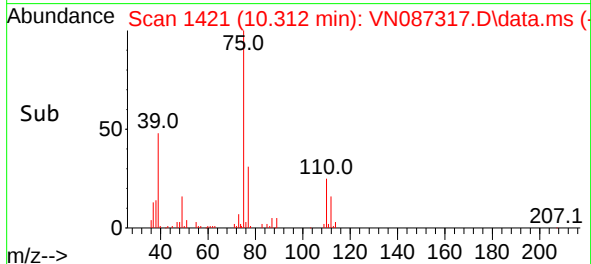
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01



Tgt Ion: 75 Resp: 79720
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.2
 39 48.0 35.3 52.9

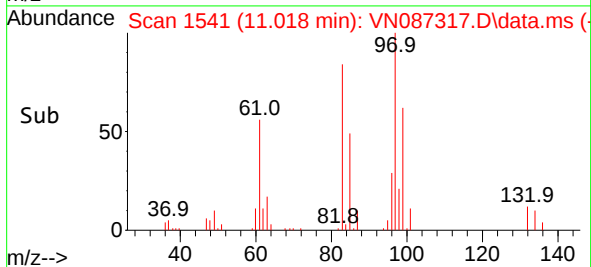
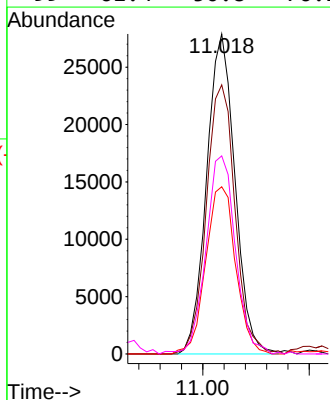
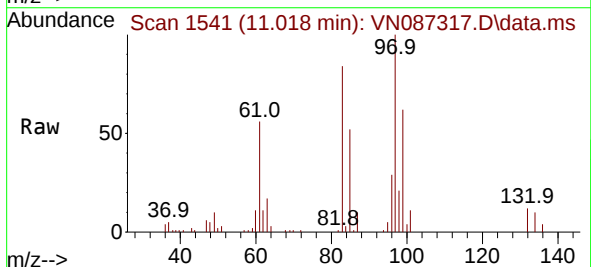
Manual Integrations
 APPROVED

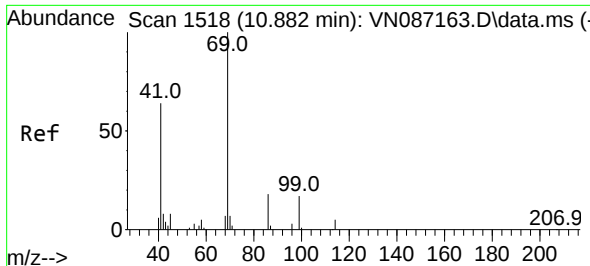
Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025



#50
 1,1,2-Trichloroethane
 Concen: 18.818 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

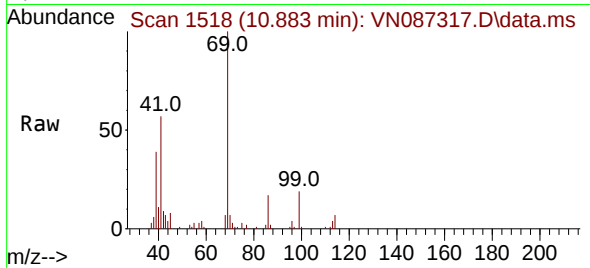
Tgt Ion: 97 Resp: 51568
 Ion Ratio Lower Upper
 97 100
 83 83.5 69.6 104.4
 85 52.2 42.0 63.0
 99 61.4 50.8 76.2





#51
Ethyl methacrylate
Concen: 15.353 ug/l
RT: 10.883 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

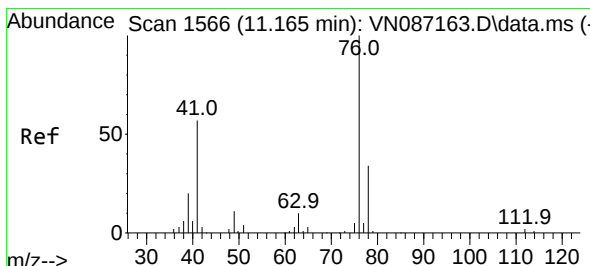
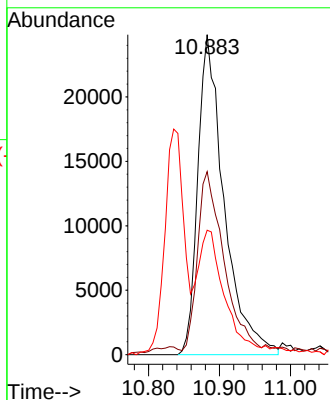
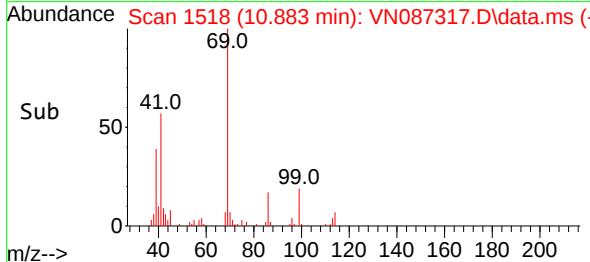
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 69 Resp: 6403
Ion Ratio Lower Upper
69 100
41 55.6 31.8 95.3
39 36.8 15.3 45.8

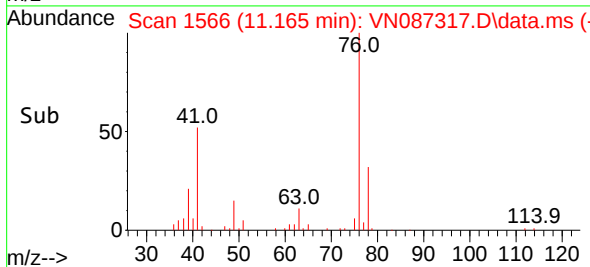
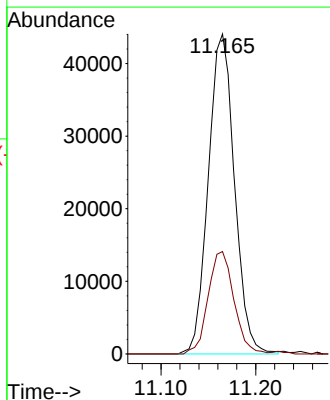
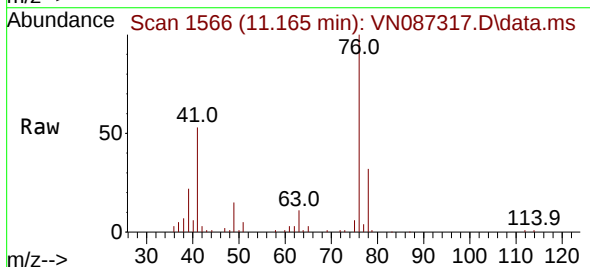
Manual Integrations
APPROVED

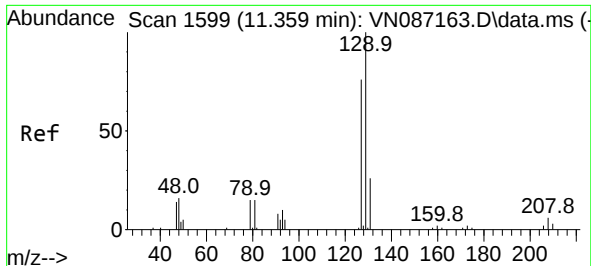
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#52
1,3-Dichloropropane
Concen: 17.983 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

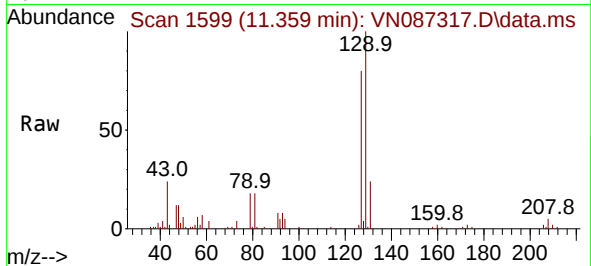
Tgt Ion: 76 Resp: 84603
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.0





#53
Dibromochloromethane
Concen: 21.005 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

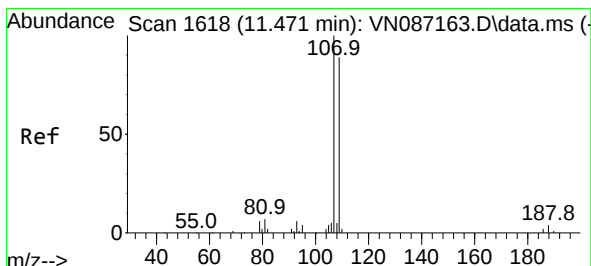
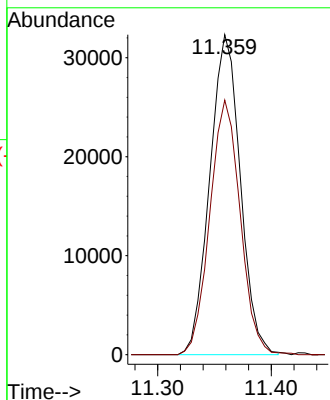
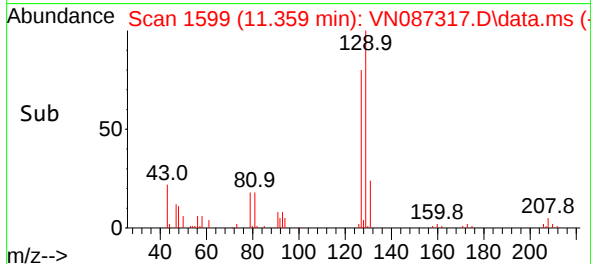
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



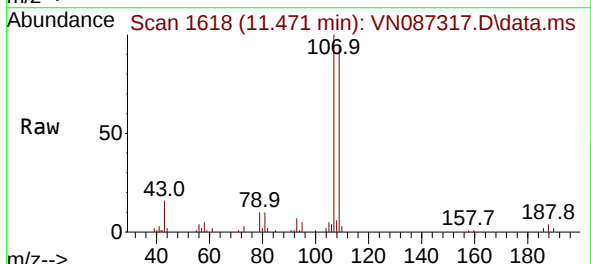
Tgt Ion:129 Resp: 6042
Ion Ratio Lower Upper
129 100
127 78.8 39.6 118.8

Manual Integrations
APPROVED

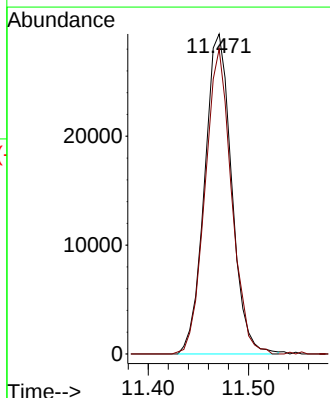
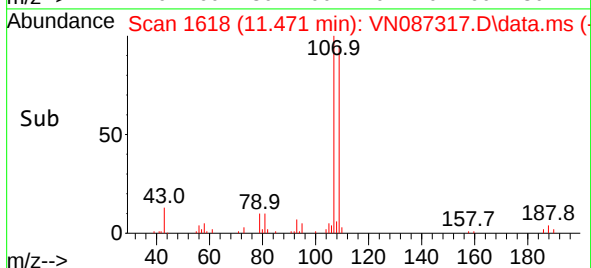
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

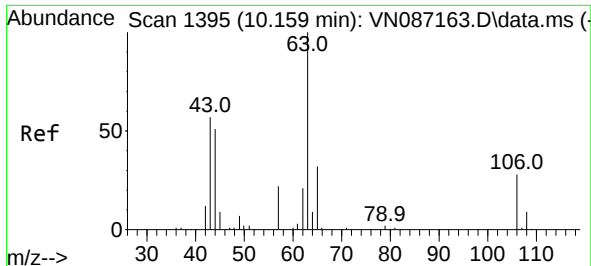


#54
1,2-Dibromoethane
Concen: 19.542 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



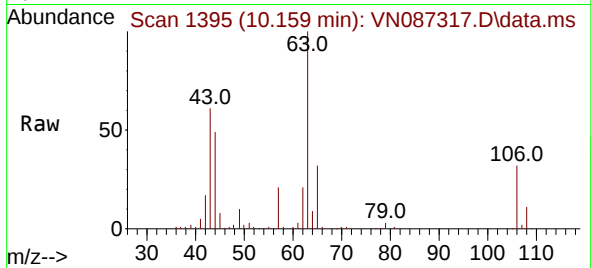
Tgt Ion:107 Resp: 55248
Ion Ratio Lower Upper
107 100
109 93.1 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 66.094 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

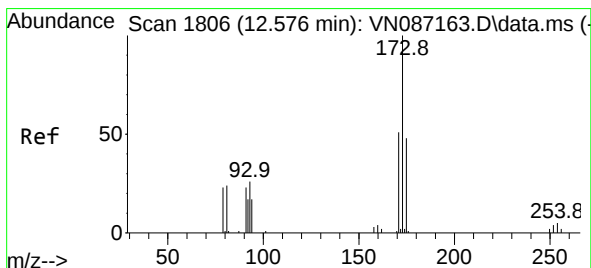
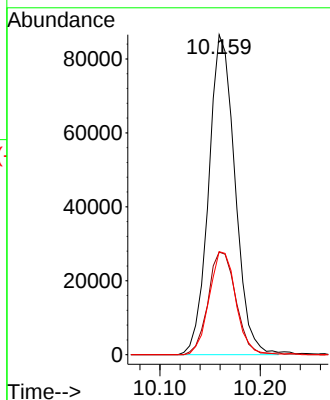
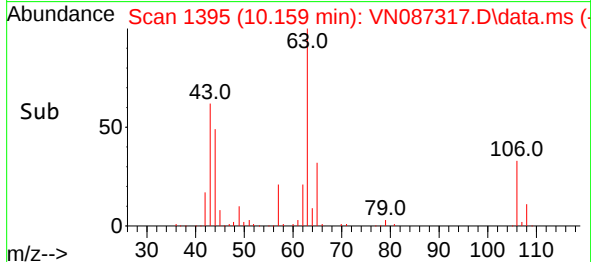
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 63 Resp: 158012
Ion Ratio Lower Upper
63 100
65 33.5 25.6 38.4
106 32.5 21.9 32.9

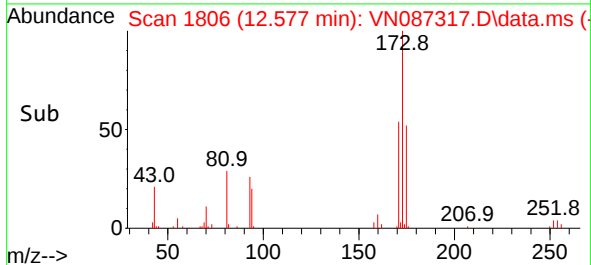
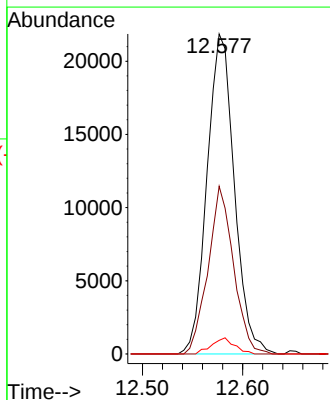
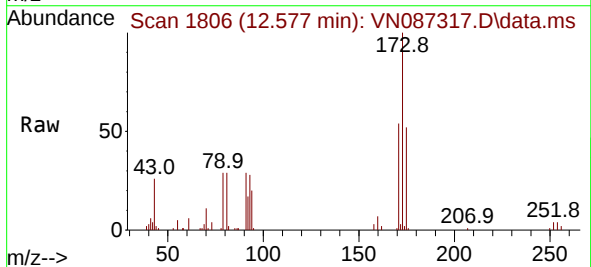
Manual Integrations
APPROVED

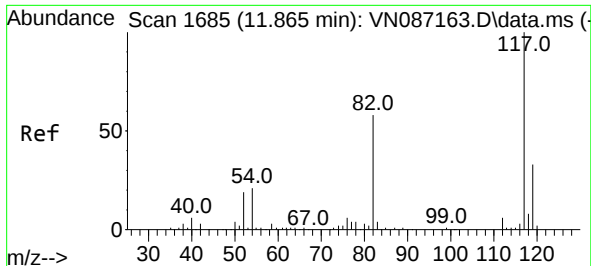
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#56
Bromoform
Concen: 20.862 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

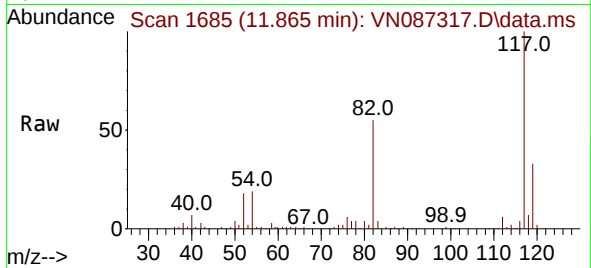
Tgt Ion:173 Resp: 41253
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 4.2 4.2 6.4#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

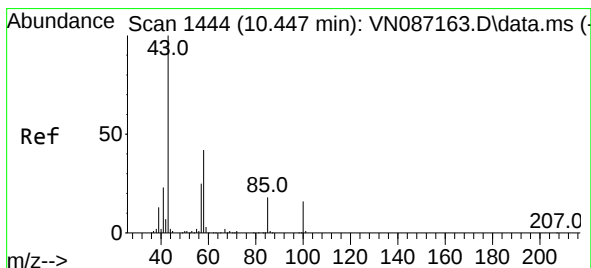
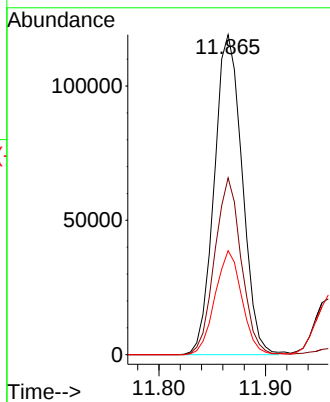
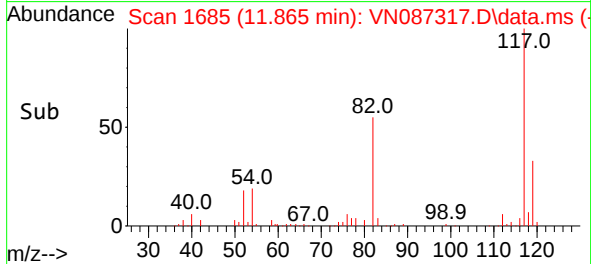
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



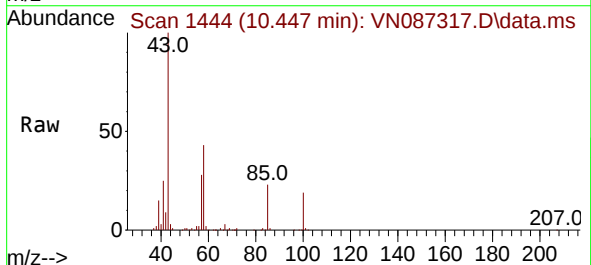
Tgt Ion: 117 Resp: 21653
Ion Ratio Lower Upper
117 100
82 52.7 45.4 68.2
119 31.3 26.2 39.4

Manual Integrations
APPROVED

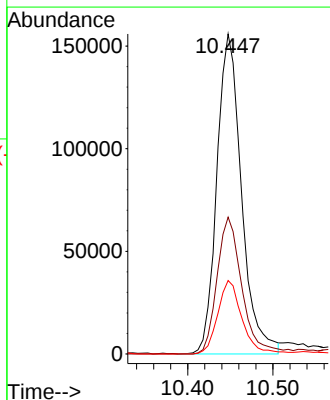
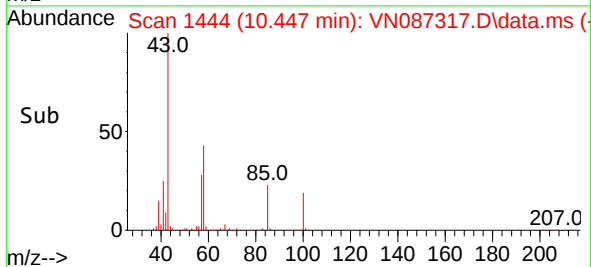
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

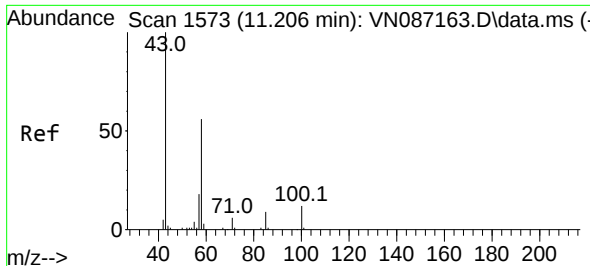


#58
4-Methyl-2-Pentanone
Concen: 72.162 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



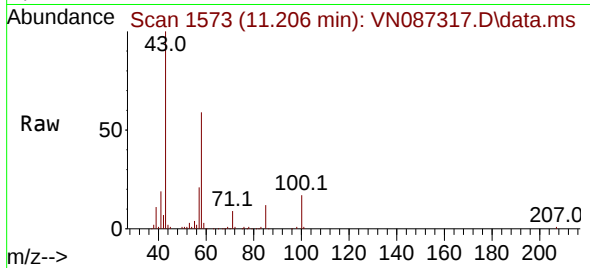
Tgt Ion: 43 Resp: 314125
Ion Ratio Lower Upper
43 100
58 43.3 32.6 49.0
85 22.6 14.6 22.0#





#59
2-Hexanone
Concen: 67.948 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

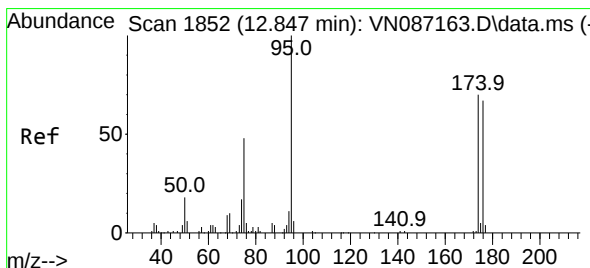
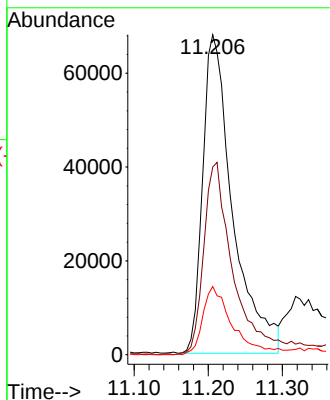
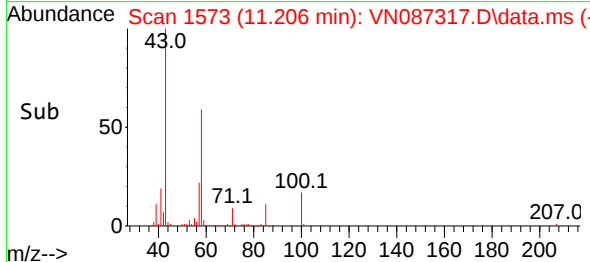
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



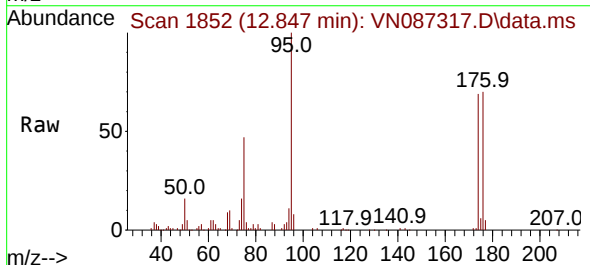
Tgt Ion: 43 Resp: 190998
Ion Ratio Lower Upper
43 100
58 59.1 49.2 73.8
57 20.7 15.3 22.9

Manual Integrations
APPROVED

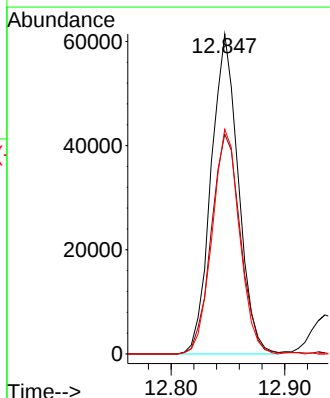
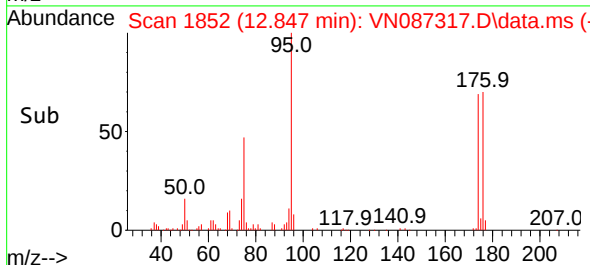
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

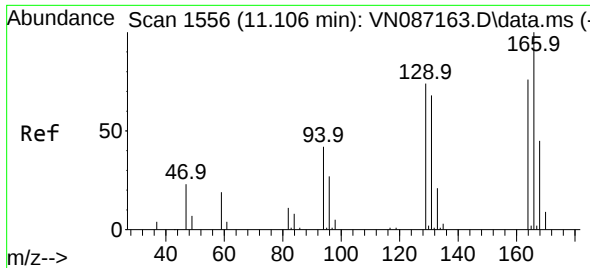


#60
4-Bromofluorobenzene
Concen: 30.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



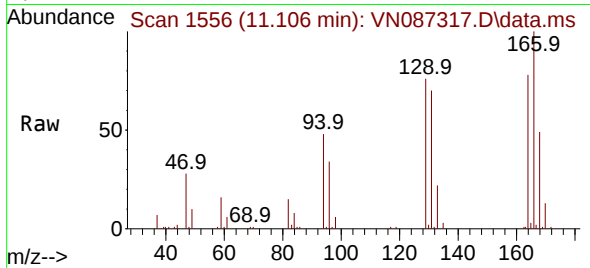
Tgt Ion: 95 Resp: 102398
Ion Ratio Lower Upper
95 100
174 73.3 54.5 81.7
176 70.6 51.9 77.9





#61
Tetrachloroethene
Concen: 19.748 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

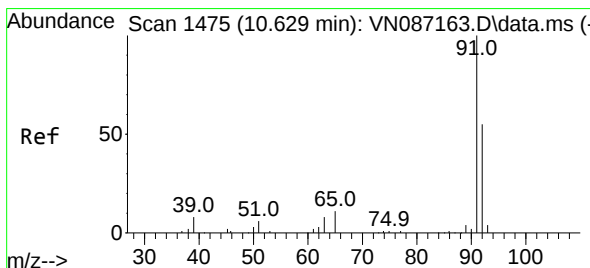
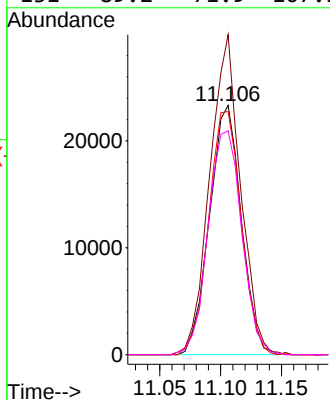
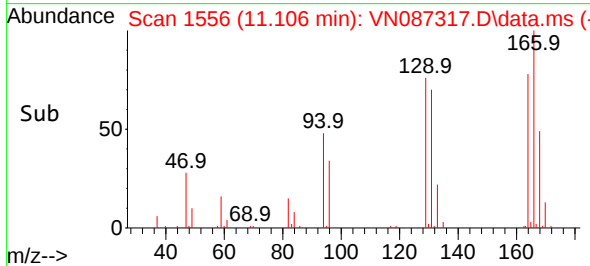
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



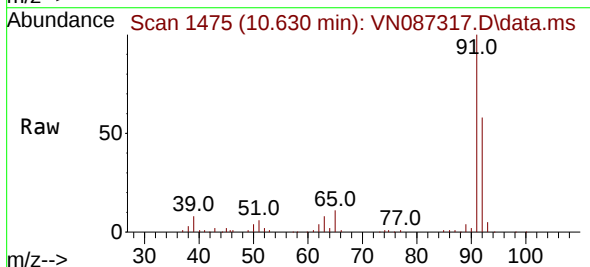
Tgt Ion:164 Resp: 42349
Ion Ratio Lower Upper
164 100
166 127.4 105.4 158.2
129 97.6 77.9 116.9
131 89.2 71.9 107.9

Manual Integrations
APPROVED

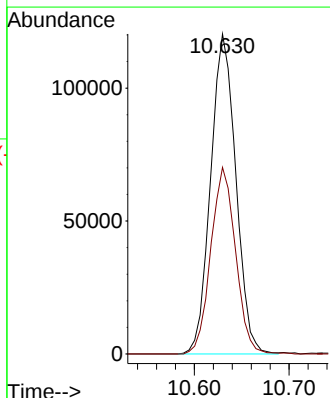
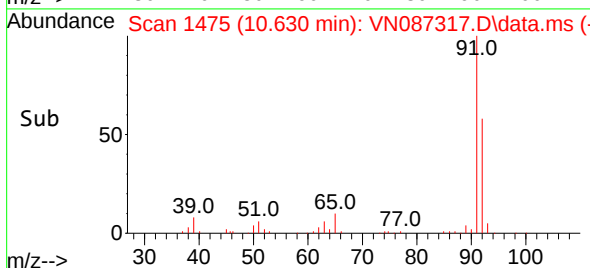
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

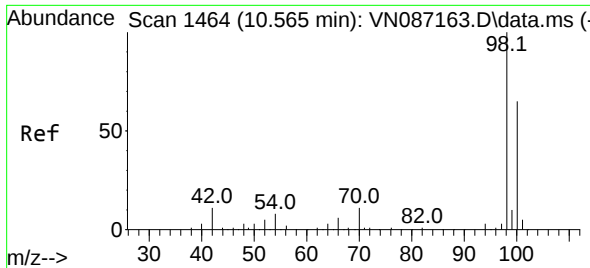


#62
Toluene
Concen: 18.185 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



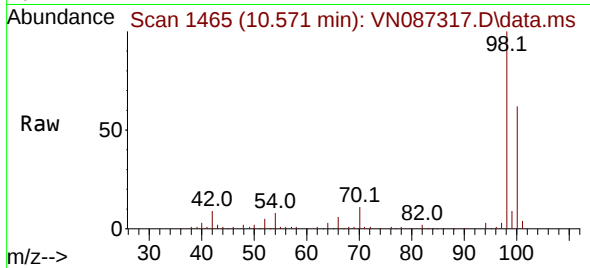
Tgt Ion: 91 Resp: 222388
Ion Ratio Lower Upper
91 100
92 57.2 45.8 68.8





#63
Toluene-d8
Concen: 29.472 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

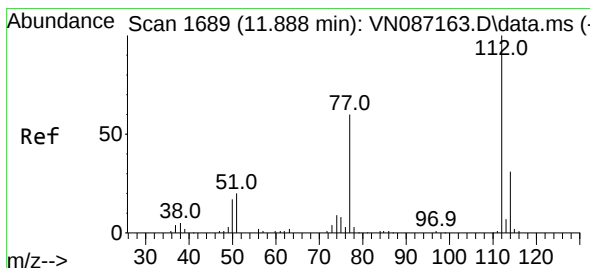
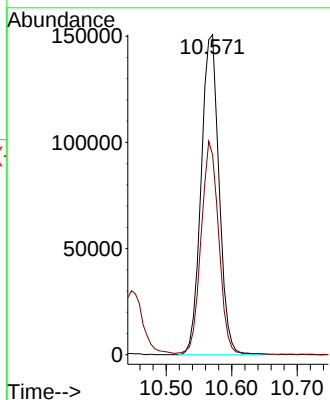
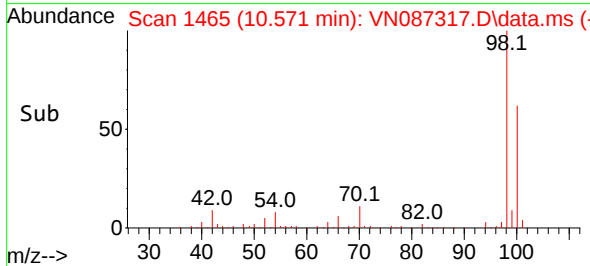
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



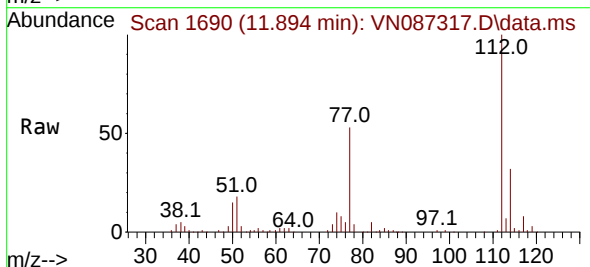
Tgt Ion: 98 Resp: 286529
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7

Manual Integrations
APPROVED

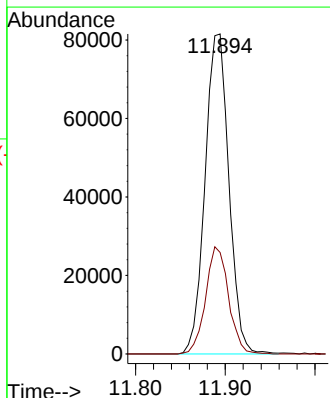
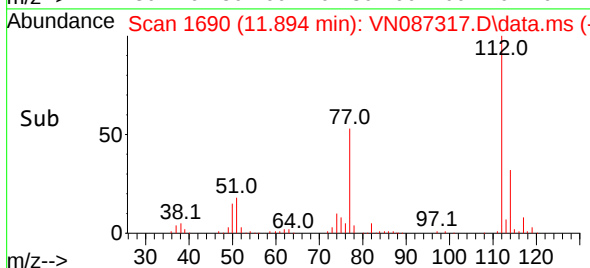
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

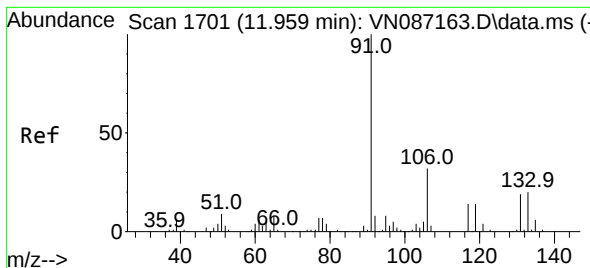


#64
Chlorobenzene
Concen: 19.292 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



Tgt Ion:112 Resp: 150496
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4





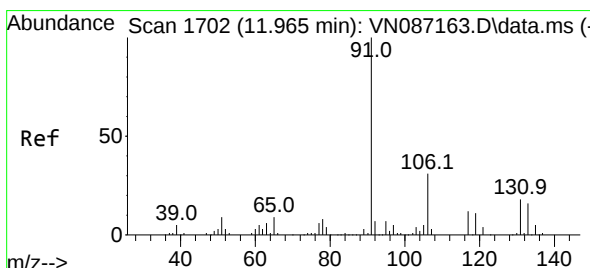
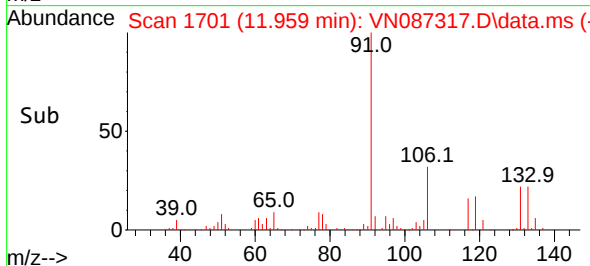
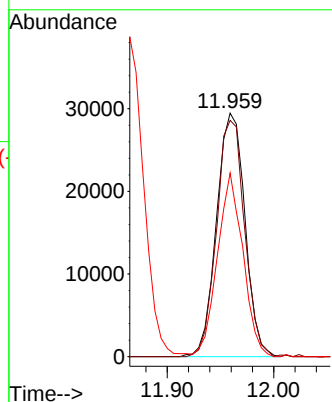
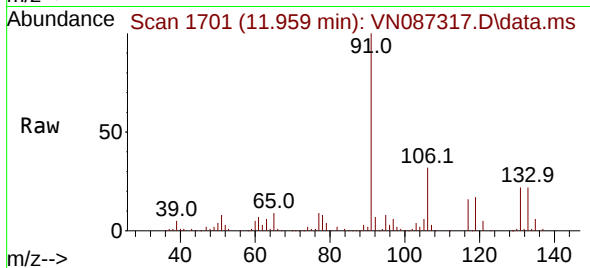
#65
1,1,1,2-Tetrachloroethane
Concen: 21.183 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:131 Resp: 5459
Ion Ratio Lower Upper
131 100
133 95.6 0.0 187.8
119 67.6 0.0 140.0

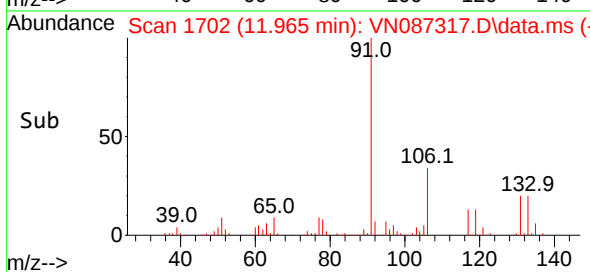
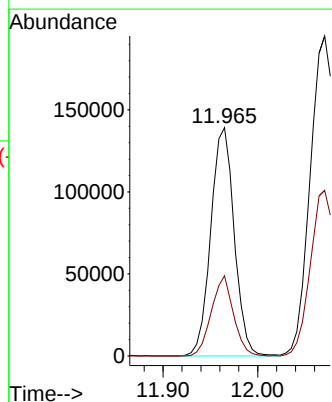
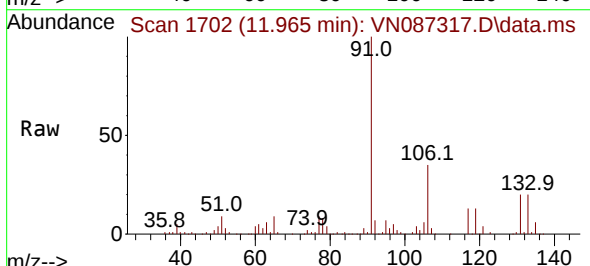
Manual Integrations
APPROVED

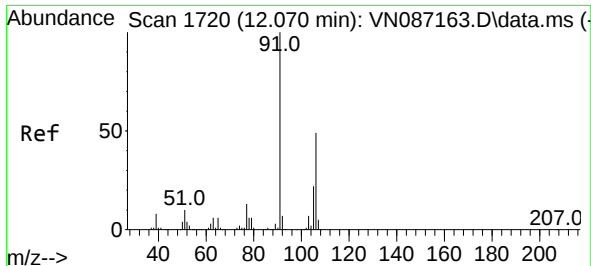
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#66
Ethyl Benzene
Concen: 17.898 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion: 91 Resp: 239575
Ion Ratio Lower Upper
91 100
106 35.1 24.8 37.2





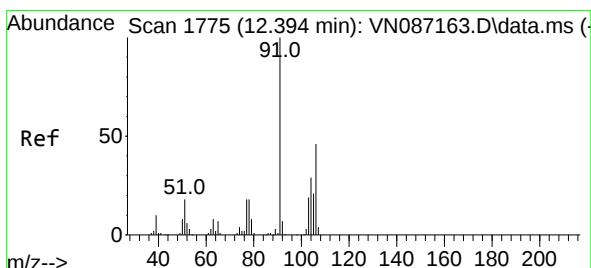
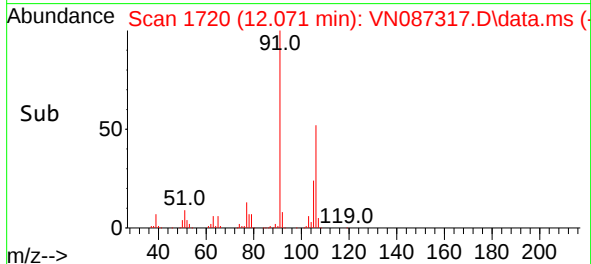
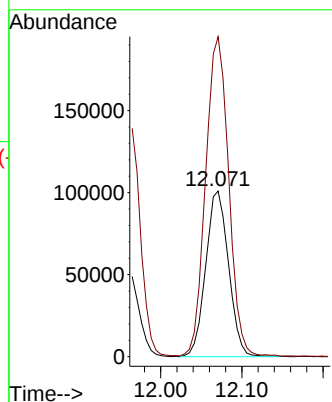
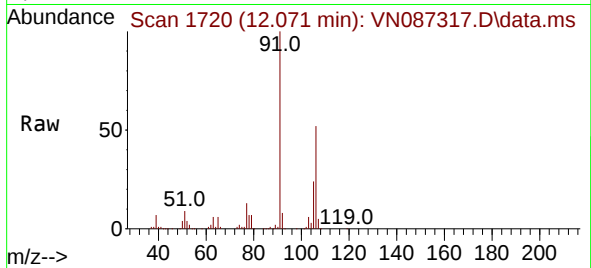
#67
m/p-Xylenes
Concen: 38.431 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:106 Resp: 197128
Ion Ratio Lower Upper
106 100
91 196.1 163.0 244.4

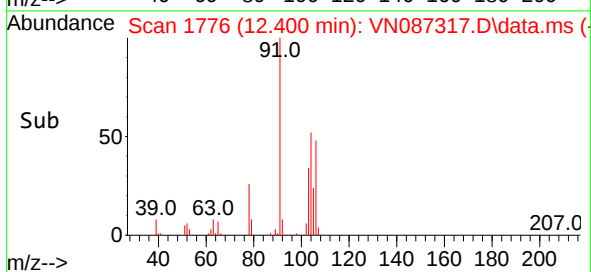
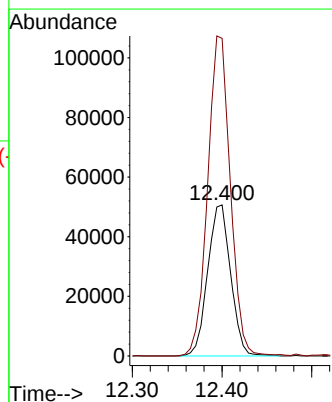
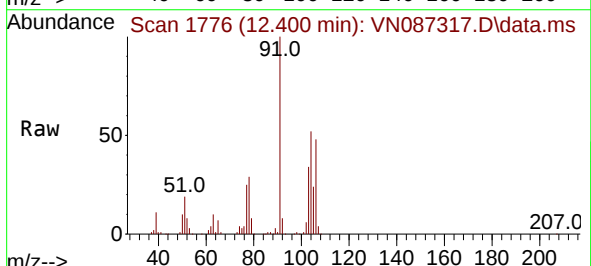
Manual Integrations
APPROVED

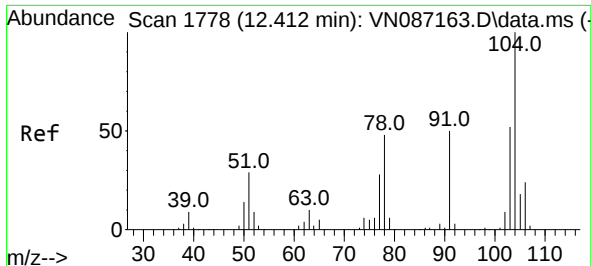
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#68
o-Xylene
Concen: 18.413 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

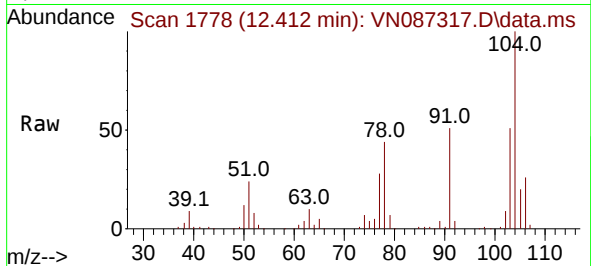
Tgt Ion:106 Resp: 90109
Ion Ratio Lower Upper
106 100
91 208.7 107.1 321.1





#69
Styrene
Concen: 18.513 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

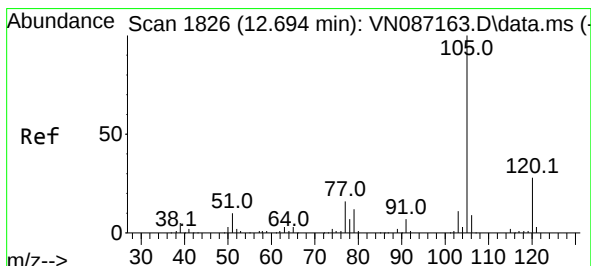
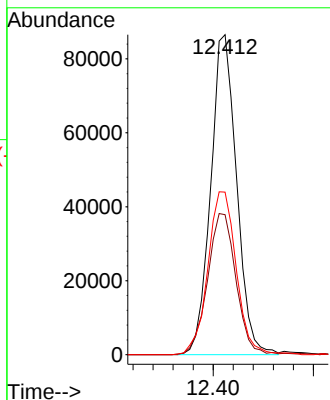
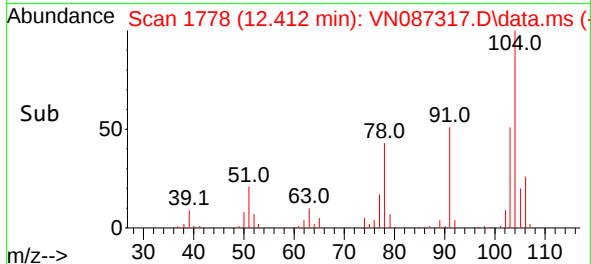
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



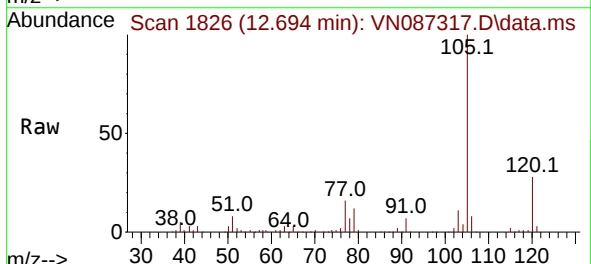
Tgt Ion:104 Resp: 155538
Ion Ratio Lower Upper
104 100
78 48.0 39.8 59.8
103 55.6 44.2 66.4

Manual Integrations
APPROVED

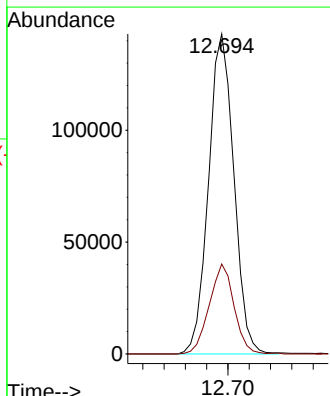
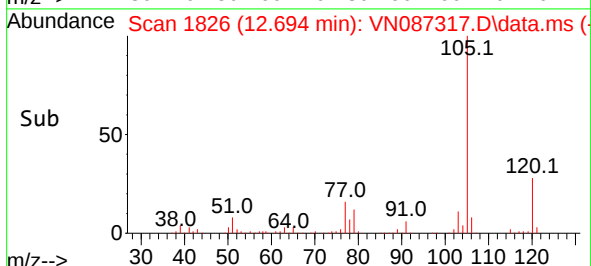
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

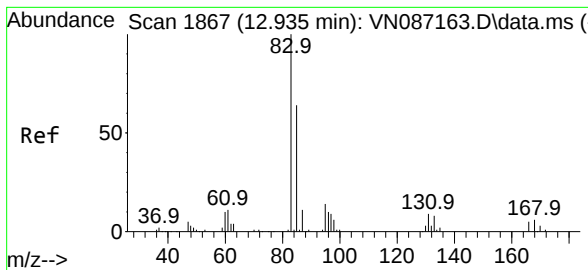


#70
Isopropylbenzene
Concen: 19.400 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



Tgt Ion:105 Resp: 236446
Ion Ratio Lower Upper
105 100
120 27.3 19.0 35.2





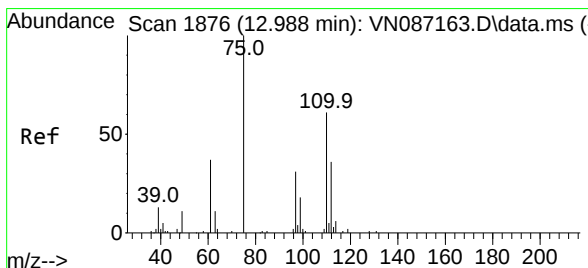
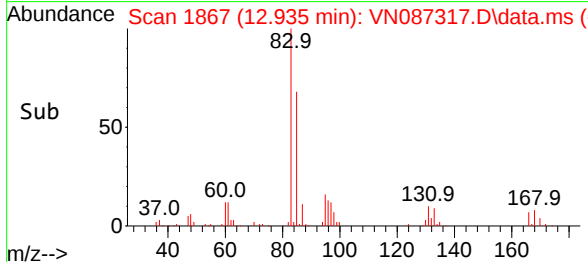
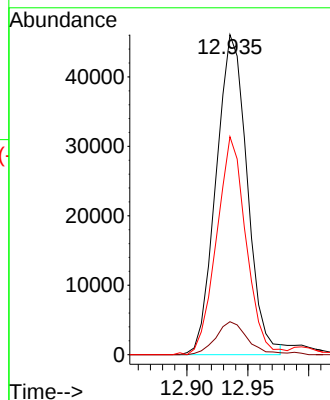
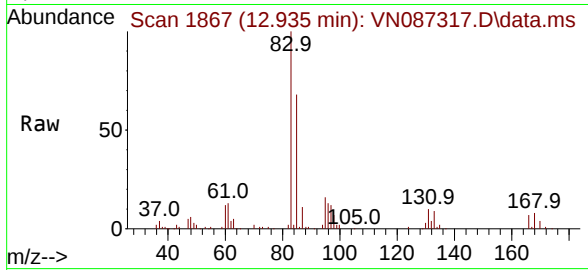
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.628 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01

Tgt Ion: 83 Resp: 81718
 Ion Ratio Lower Upper
 83 100
 131 10.5 4.5 13.4
 85 64.6 31.3 93.9

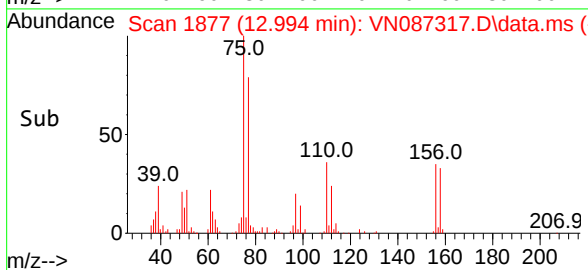
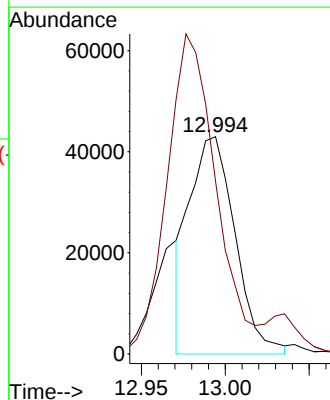
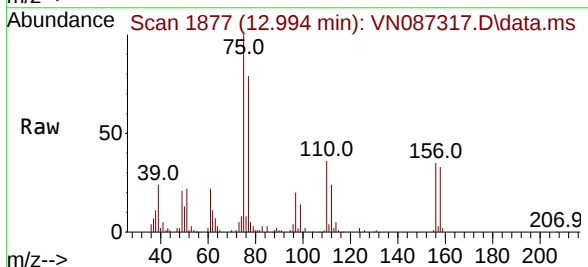
Manual Integrations
 APPROVED

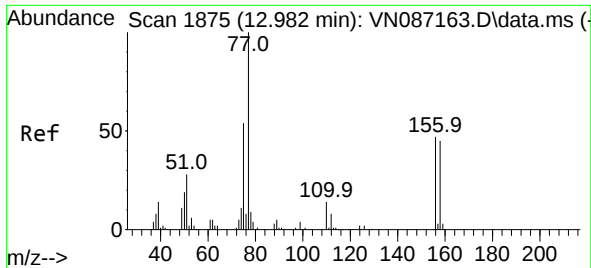
Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025



#72
 1,2,3-Trichloropropane
 Concen: 21.462 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

Tgt Ion: 75 Resp: 81192
 Ion Ratio Lower Upper
 75 100
 77 158.5 0.0 379.2





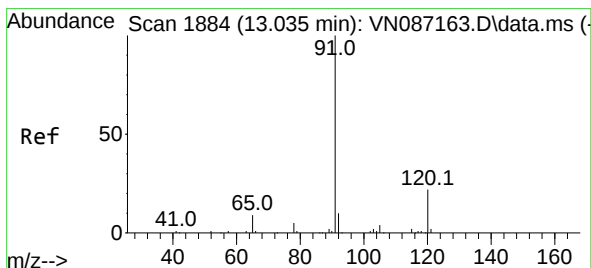
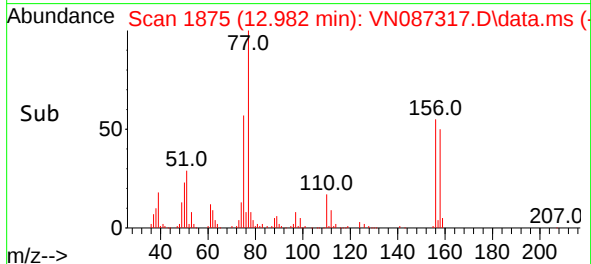
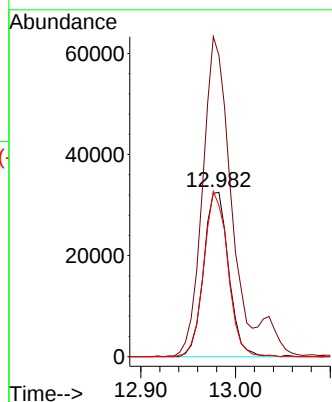
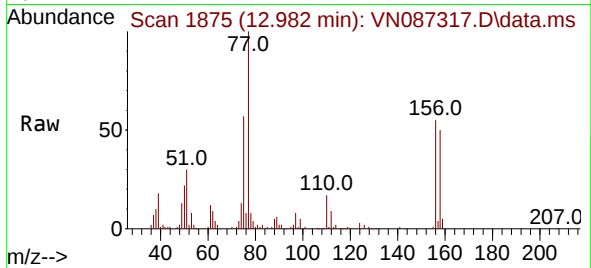
#73
Bromobenzene
Concen: 20.177 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:156 Resp: 5965
Ion Ratio Lower Upper
156 100
77 215.7 0.0 489.0
158 97.0 0.0 195.2

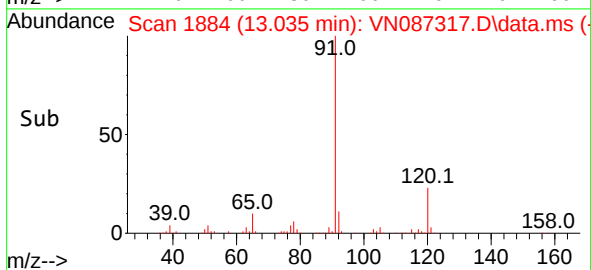
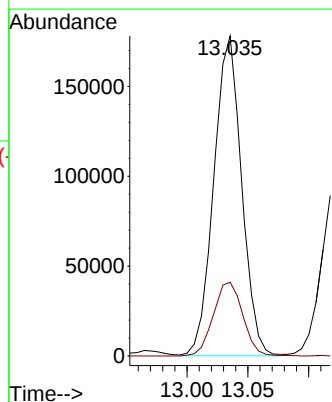
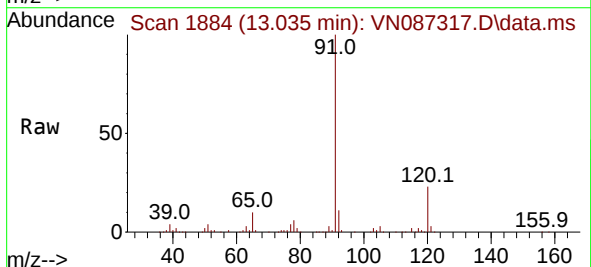
Manual Integrations
APPROVED

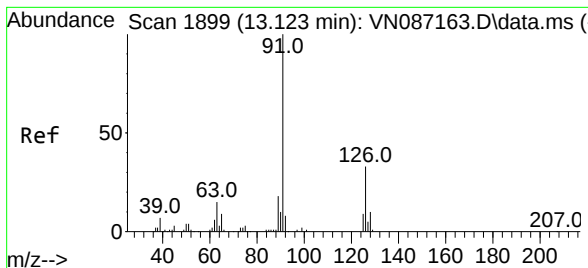
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#74
n-propylbenzene
Concen: 19.012 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

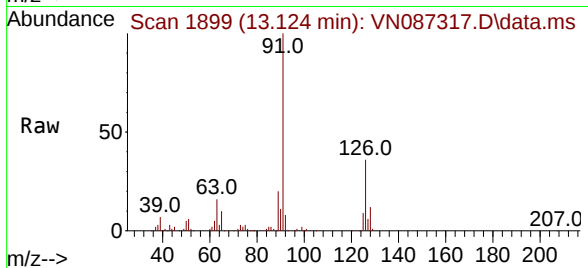
Tgt Ion: 91 Resp: 283072
Ion Ratio Lower Upper
91 100
120 24.3 0.0 43.6





#75
2-Chlorotoluene
Concen: 19.005 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

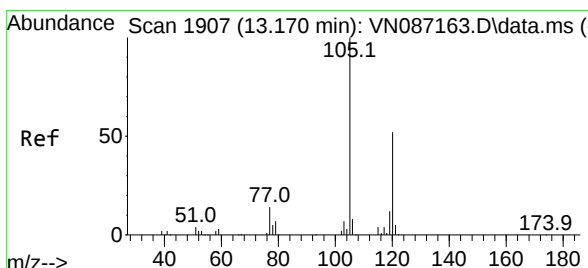
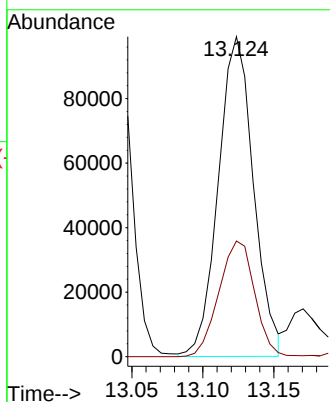
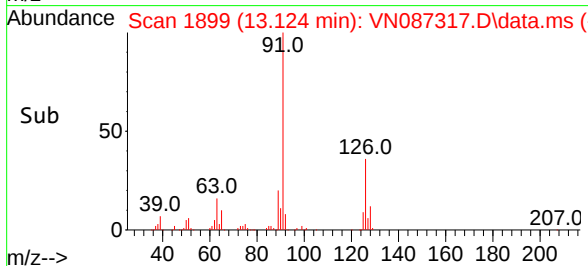
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



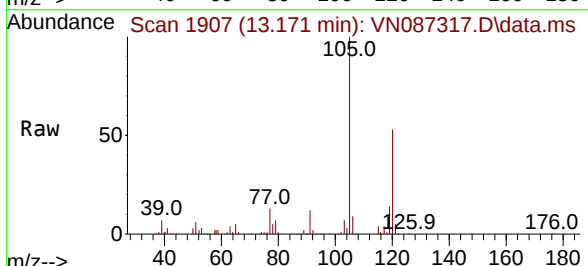
Tgt Ion: 91 Resp: 170964
Ion Ratio Lower Upper
91 100
126 36.7 0.0 63.8

Manual Integrations
APPROVED

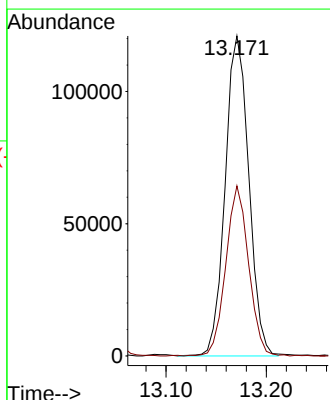
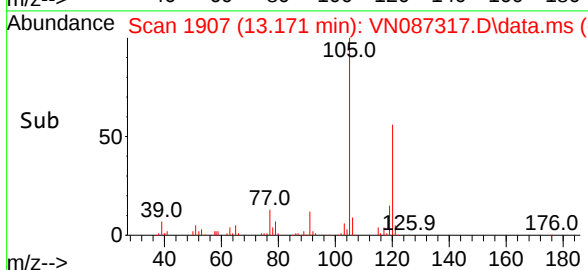
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

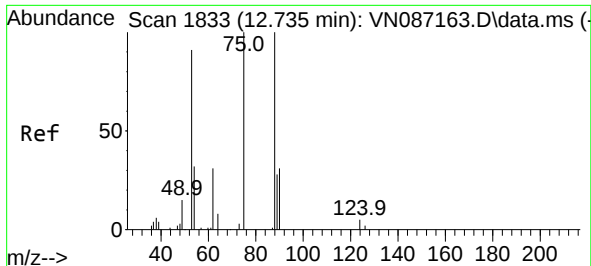


#76
1,3,5-Trimethylbenzene
Concen: 19.957 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



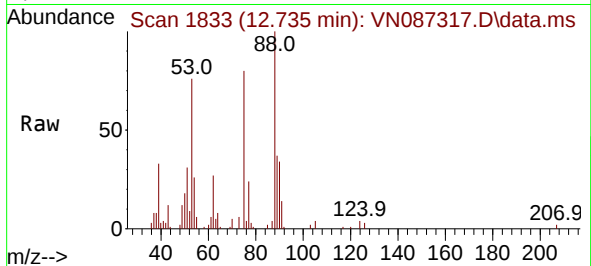
Tgt Ion:105 Resp: 198006
Ion Ratio Lower Upper
105 100
120 51.3 0.0 100.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.303 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

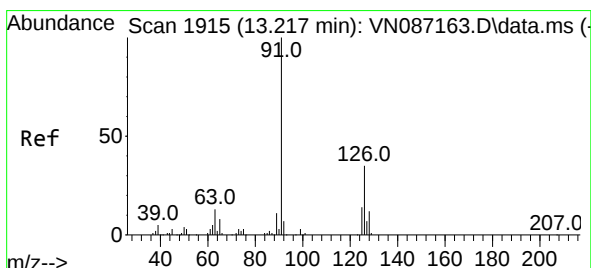
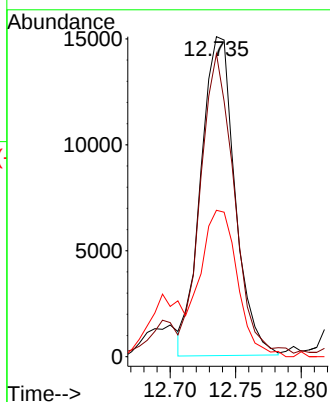
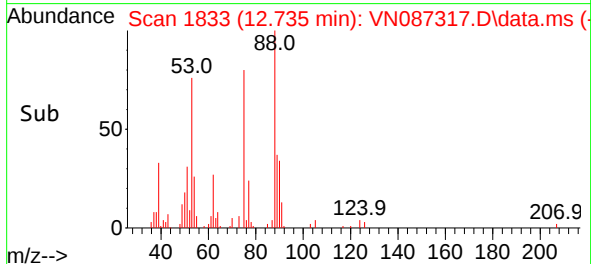
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion: 75 Resp: 27358
Ion Ratio Lower Upper
75 100
53 92.9 45.9 137.6
89 44.6 22.3 66.9

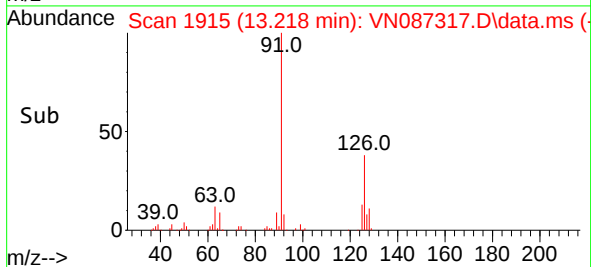
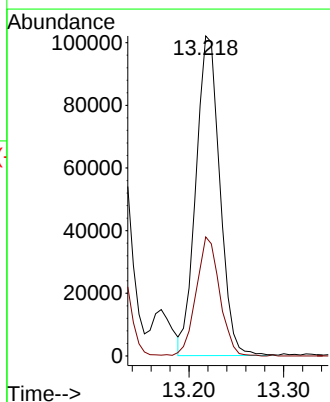
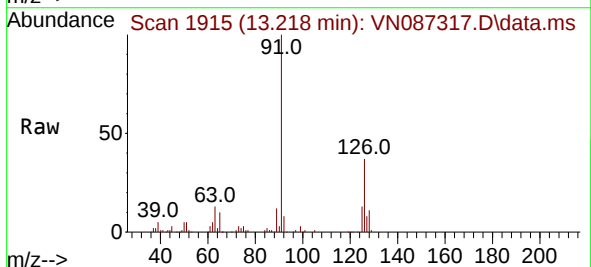
Manual Integrations
APPROVED

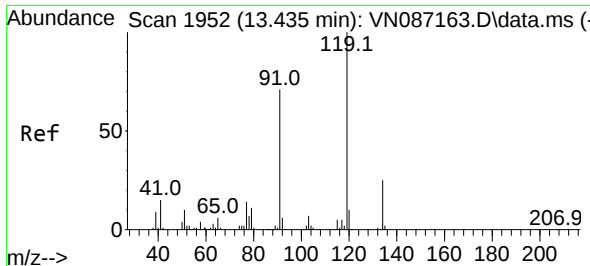
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#78
4-Chlorotoluene
Concen: 19.376 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

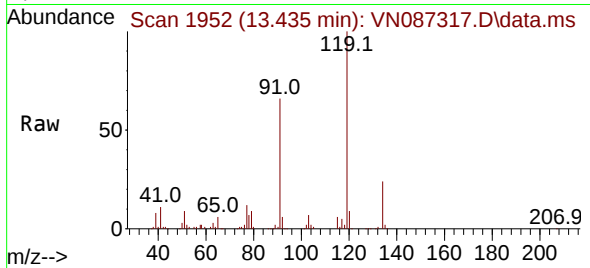
Tgt Ion: 91 Resp: 178513
Ion Ratio Lower Upper
91 100
126 36.6 0.0 65.2





#79
tert-butylbenzene
Concen: 20.626 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

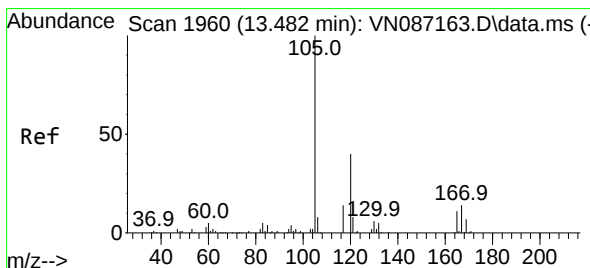
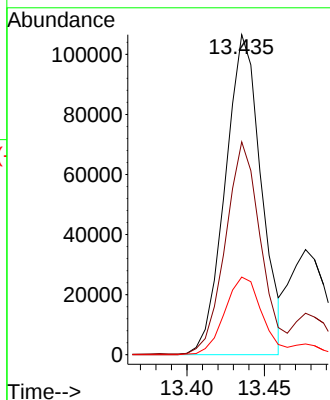
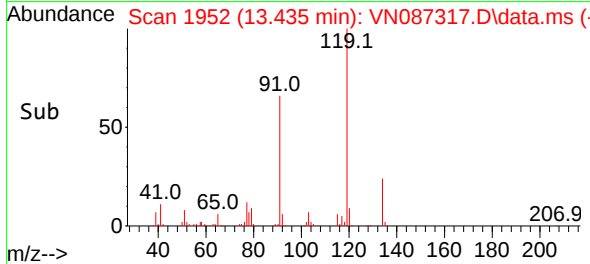
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



Tgt Ion:119 Resp: 17202
Ion Ratio Lower Upper
119 100
91 65.2 0.0 137.0
134 25.1 0.0 49.4

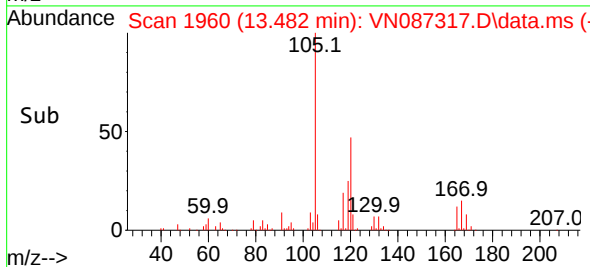
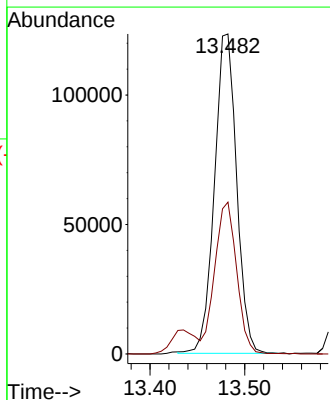
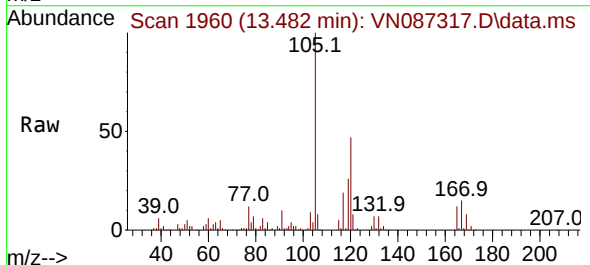
Manual Integrations
APPROVED

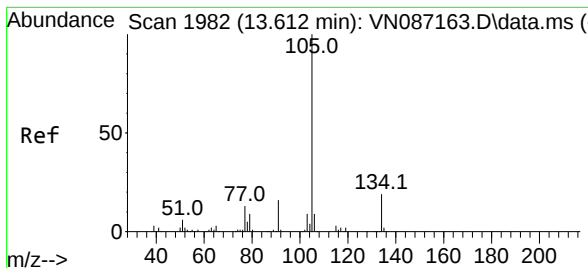
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.149 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

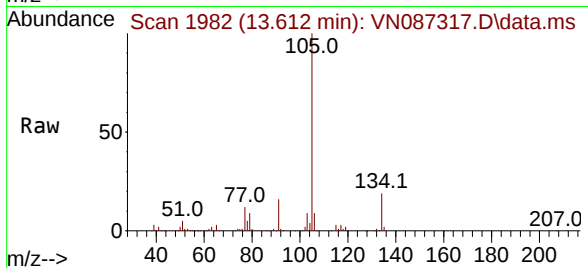
Tgt Ion:105 Resp: 200752
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.0





#81
 sec-Butylbenzene
 Concen: 20.176 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16

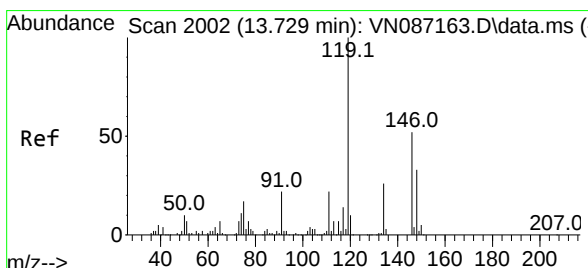
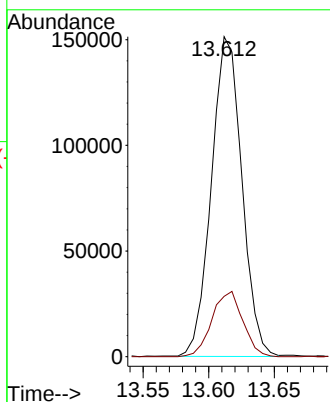
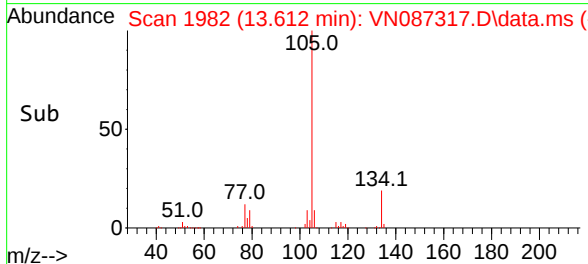
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0710WBS01



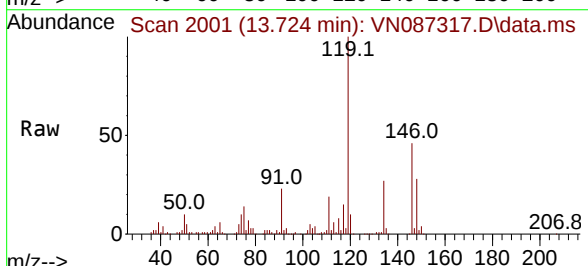
Tgt Ion:105 Resp: 244608
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 39.4

Manual Integrations
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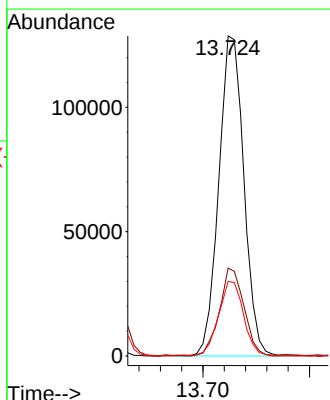
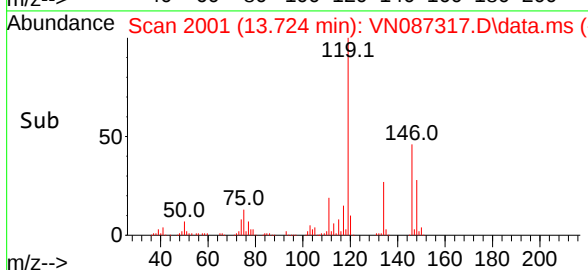
Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025

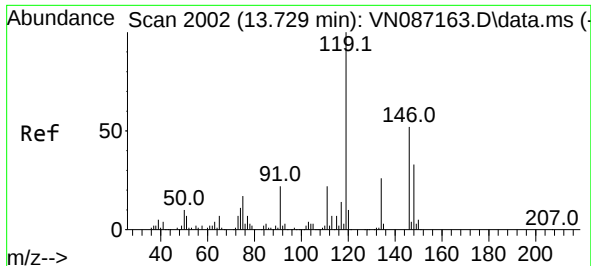


#82
 p-Isopropyltoluene
 Concen: 20.846 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087317.D
 Acq: 10 Jul 2025 11:16



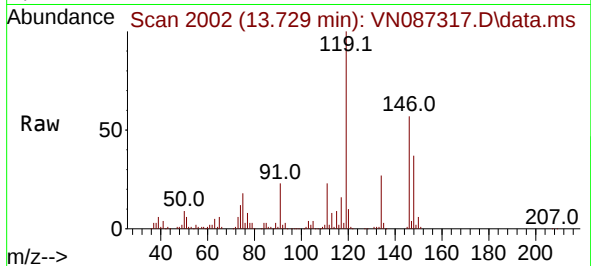
Tgt Ion:119 Resp: 210330
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.2
 91 23.2 0.0 46.4





#83
1,3-Dichlorobenzene
Concen: 21.891 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

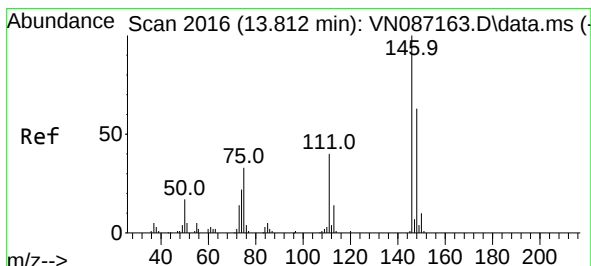
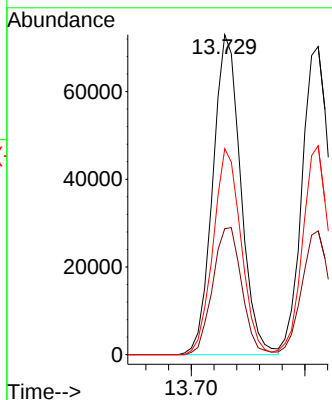
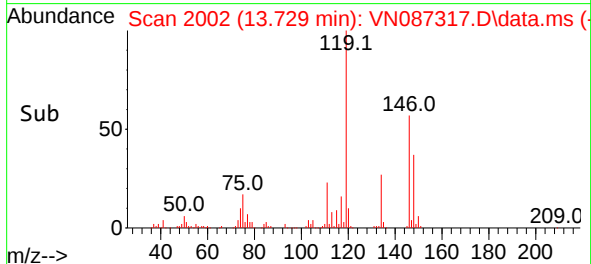
Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01



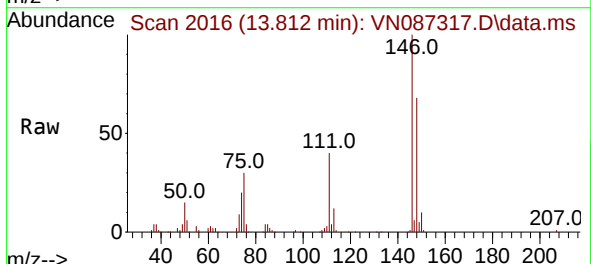
Tgt Ion:146 Resp: 124627
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.3
148 64.4 31.6 94.8

Manual Integrations
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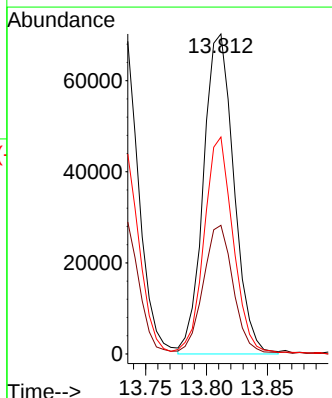
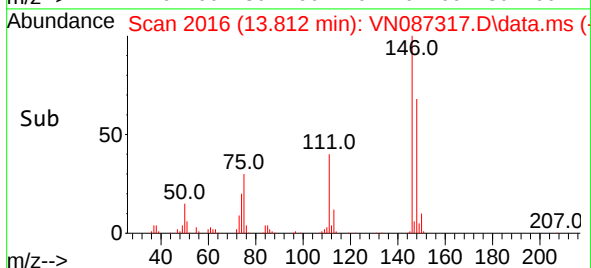
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

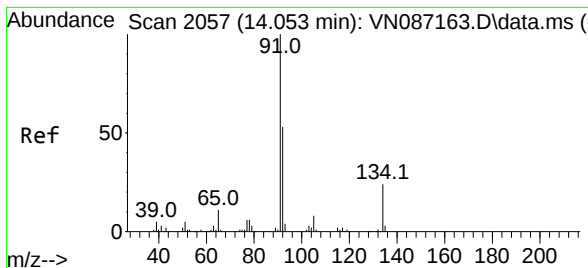


#84
1,4-Dichlorobenzene
Concen: 21.332 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16



Tgt Ion:146 Resp: 122230
Ion Ratio Lower Upper
146 100
111 38.6 20.1 60.2
148 63.7 31.4 94.2





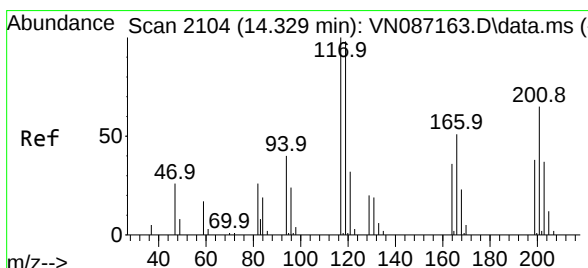
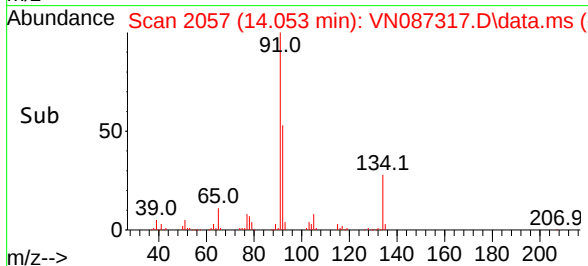
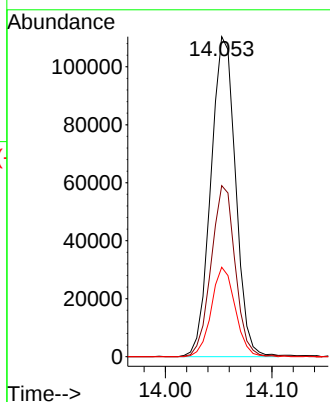
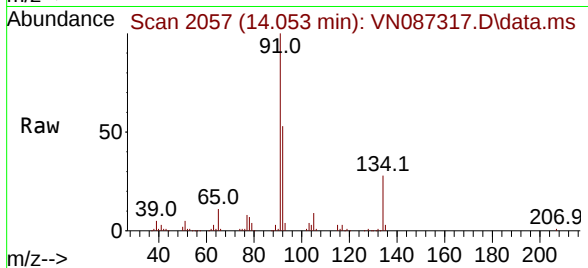
#85
n-Butylbenzene
Concen: 19.323 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion: 91 Resp: 177875
Ion Ratio Lower Upper
91 100
92 51.9 0.0 106.4
134 27.0 0.0 48.8

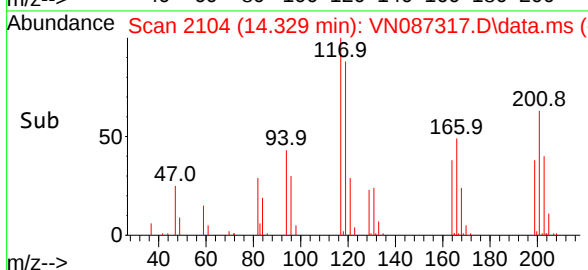
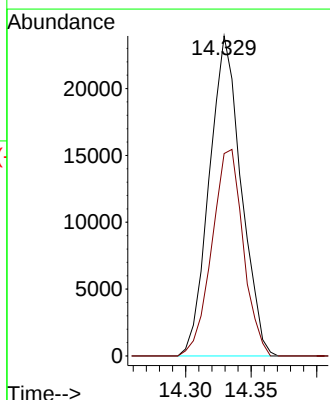
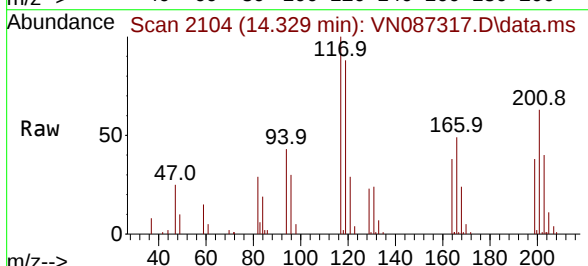
Manual Integrations
APPROVED

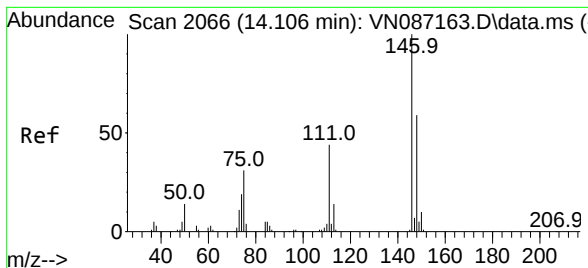
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#86
Hexachloroethane
Concen: 21.196 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:117 Resp: 40482
Ion Ratio Lower Upper
117 100
201 63.5 30.8 92.3





#87

1,2-Dichlorobenzene

Concen: 21.648 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

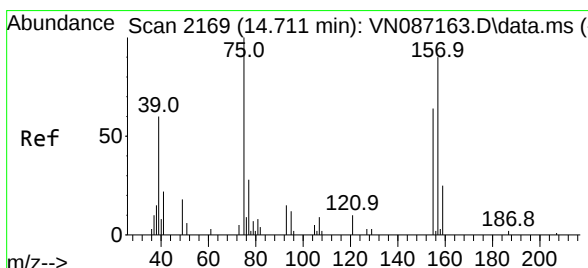
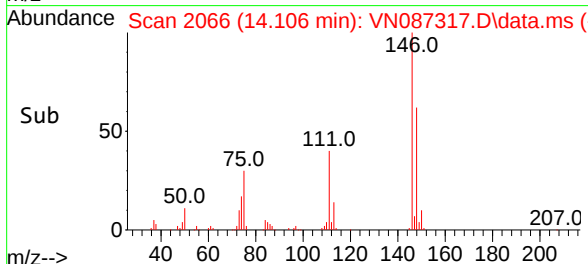
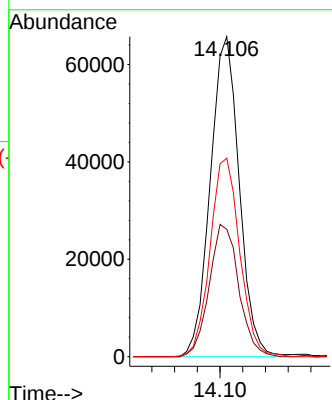
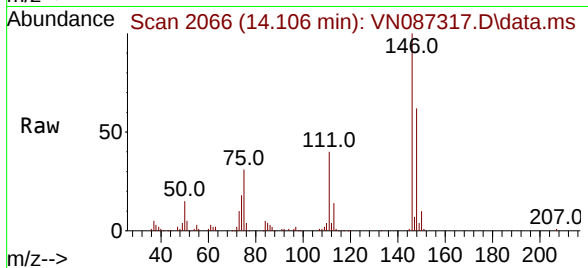
Tgt Ion:146	Resp:	116209
Ion Ratio	Lower	Upper
146	100	
111	42.2	22.1 66.1
148	63.7	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.145 ug/l

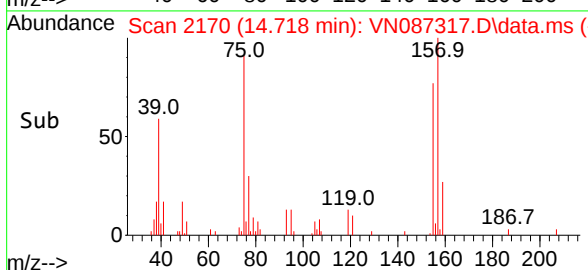
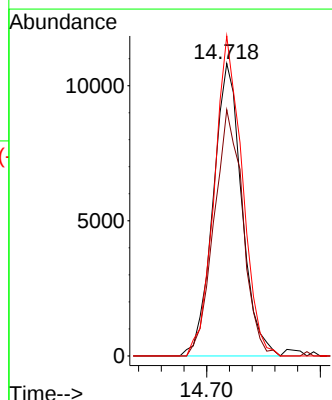
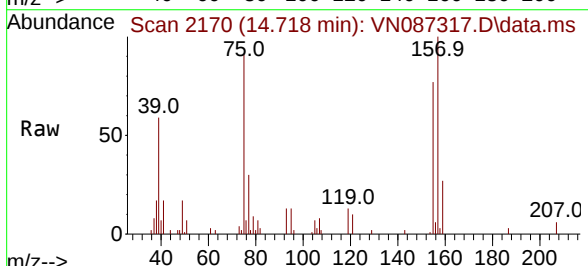
RT: 14.718 min Scan# 2170

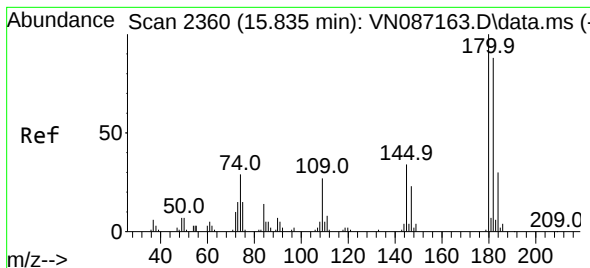
Delta R.T. 0.006 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Tgt Ion: 75	Resp:	18912
Ion Ratio	Lower	Upper
75	100	
155	84.9	58.3 87.5
157	107.0	79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 19.653 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0710WBS01

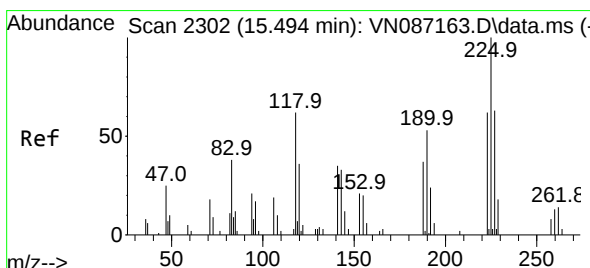
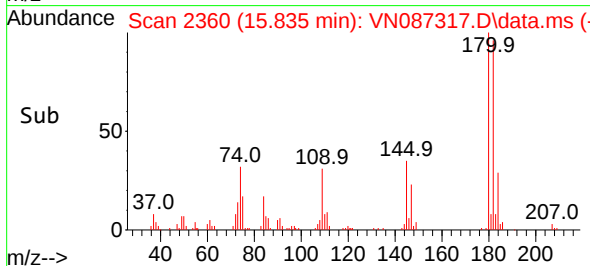
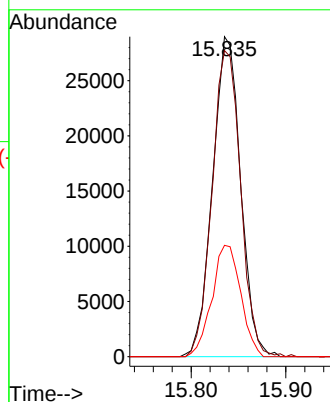
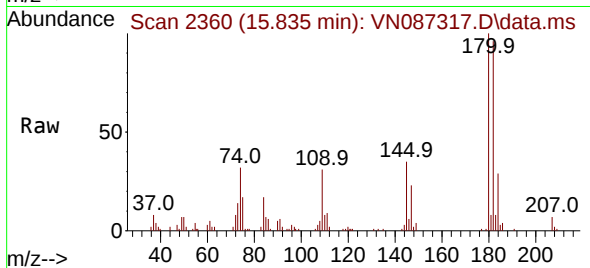
Tgt Ion:	180	Resp:	5968
Ion Ratio	Lower	Upper	
180	100		
182	97.1	74.2	111.2
145	35.7	27.6	41.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#90

Hexachlorobutadiene

Concen: 19.102 ug/l

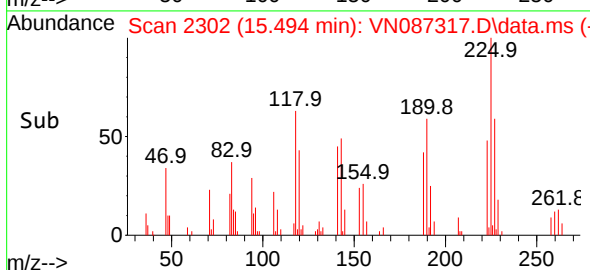
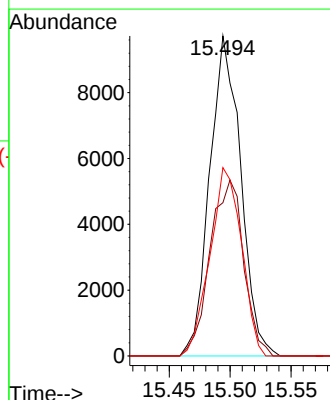
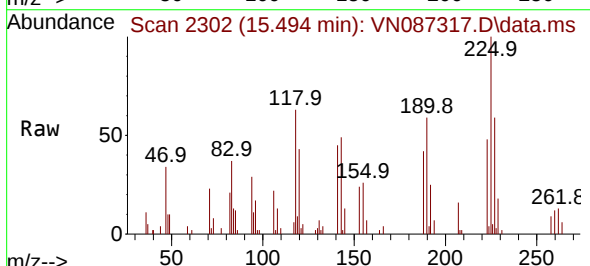
RT: 15.494 min Scan# 2302

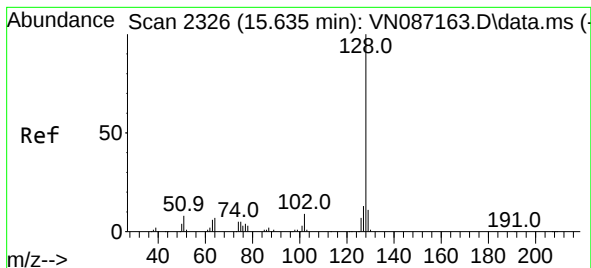
Delta R.T. 0.000 min

Lab File: VN087317.D

Acq: 10 Jul 2025 11:16

Tgt Ion:	225	Resp:	17215
Ion Ratio	Lower	Upper	
225	100		
223	59.7	0.0	134.2
227	59.9	0.0	122.6





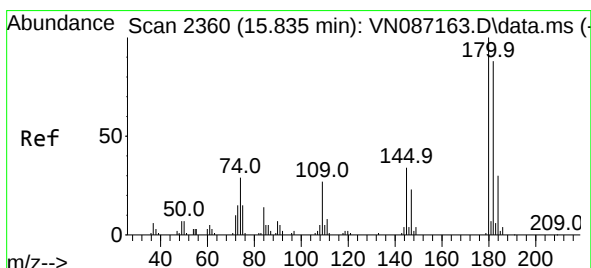
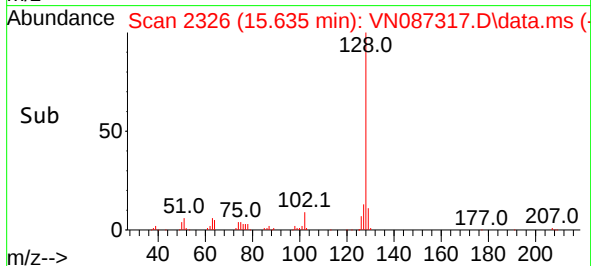
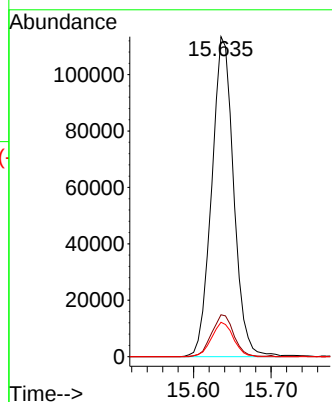
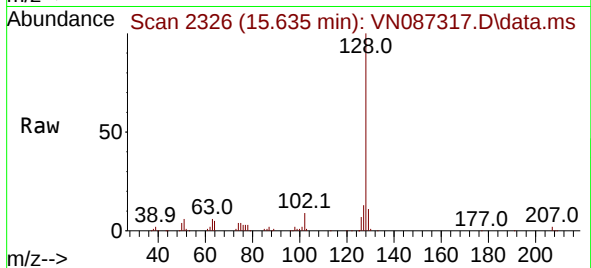
#91
Naphthalene
Concen: 18.668 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0710WBS01

Tgt Ion:128 Resp: 22313
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.653 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087317.D
Acq: 10 Jul 2025 11:16

Tgt Ion:180 Resp: 59688
Ion Ratio Lower Upper
180 100
182 97.1 0.0 185.4
145 35.7 0.0 69.0

