

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100925\
 Data File : VN088049.D
 Acq On : 09 Oct 2025 09:50
 Operator : JC\MD
 Sample : VN1009WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2025
 Supervised By : Mahesh Dadoda 10/10/2025

Quant Time: Oct 10 00:46:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	56335	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	309061	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	277391	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	134154	30.582	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.933%			
60) 4-Bromofluorobenzene	12.829	95	135651	29.664	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.867%			
63) Toluene-d8	10.541	98	375241	30.362	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	61165	18.956	ug/l	93
3) Chloromethane	2.383	50	64855	17.729	ug/l	98
4) Vinyl Chloride	2.536	62	68737	18.020	ug/l	100
5) Bromomethane	2.989	94	38859	18.945	ug/l	100
6) Chloroethane	3.142	64	43045	17.107	ug/l	99
7) Trichlorofluoromethane	3.512	101	96639	18.631	ug/l	100
8) Diethyl Ether	3.959	74	41563	17.734	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	50757	18.280	ug/l	97
10) 1,1-Dichloroethene	4.336	96	52558	17.744	ug/l	94
11) Methyl Iodide	4.583	142	41390	15.162	ug/l	91
12) Methyl Acetate	5.012	43	81046	16.831	ug/l	96
13) Acrolein	4.183	56	59422	79.742	ug/l #	4
14) Acrylonitrile	5.706	53	196269	84.460	ug/l	99
15) Acetone	4.418	58	57278	84.165	ug/l	89
16) Carbon Disulfide	4.700	76	167579	18.048	ug/l	100
17) Allyl chloride	5.012	41	97427	17.431	ug/l	99
18) Methylene Chloride	5.271	84	68114	18.093	ug/l	97
19) trans-1,2-Dichloroethene	5.771	96	61237	17.881	ug/l	89
20) Diisopropyl ether	6.653	45	223007	17.525	ug/l	99
21) 1,1-Dichloroethane	6.559	63	120986	18.264	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	74935	17.480	ug/l	97
23) tert-Butyl Alcohol	5.524	59	71446	76.659	ug/l #	100
24) Methyl tert-Butyl Ether	5.777	73	224196	17.535	ug/l	99
25) Chloroform	7.947	83	120445	17.620	ug/l	100
26) Cyclohexane	8.235	56	99231	18.080	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	81928	18.494	ug/l	97
30) 2-Butanone	7.471	43	274166	83.911	ug/l	99
31) 2,2-Dichloropropane	7.471	77	105914	18.555	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	100060	18.076	ug/l	98
33) Carbon Tetrachloride	8.347	117	84532	18.231	ug/l	92
34) Benzene	8.588	78	261626	17.805	ug/l	99
35) Methacrylonitrile	7.759	41	59827	17.413	ug/l	99
36) 1,2-Dichloroethane	8.653	62	94948	18.613	ug/l	100
37) Trichloroethene	9.329	130	62498	17.952	ug/l	93
38) Methylcyclohexane	9.582	83	99830	18.248	ug/l	97
39) 1,2-Dichloropropane	9.606	63	66180	17.962	ug/l	94
40) Dibromomethane	9.688	93	48002	17.898	ug/l	93
41) Bromodichloromethane	9.871	83	95961	17.519	ug/l	97
42) Vinyl Acetate	6.588	43	1049719	94.308	ug/l	97

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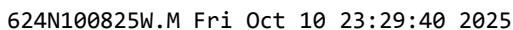
Quant Time: Oct 10 00:46:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
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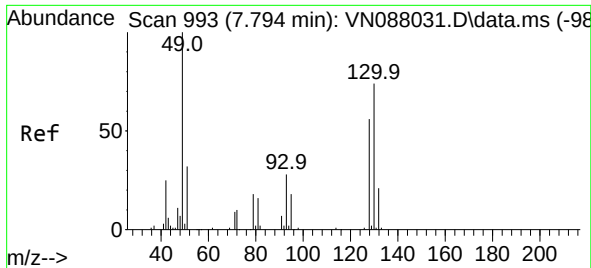
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	110028	17.518	ug/l	99
44) Isopropyl Acetate	8.671	43	178558	17.406	ug/l	95
45) 1,4-Dioxane	9.676	88	21675	317.691	ug/l #	94
46) Methyl methacrylate	9.659	41	73257	16.216	ug/l	91
47) n-amyl Acetate	12.676	43	85929m	17.673	ug/l	
48) t-1,3-Dichloropropene	10.812	75	109470	17.973	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	113490	17.862	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	61531	17.324	ug/l	95
51) Ethyl methacrylate	10.859	69	106336	17.691	ug/l	95
52) 1,3-Dichloropropane	11.141	76	113583	18.330	ug/l	99
53) Dibromochloromethane	11.335	129	72808	17.147	ug/l	99
54) 1,2-Dibromoethane	11.447	107	66241	17.445	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	253553	78.149	ug/l	99
56) Bromoform	12.559	173	45399	15.815	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	535667	86.334	ug/l	100
59) 2-Hexanone	11.176	43	352854	86.136	ug/l	98
61) Tetrachloroethene	11.082	164	50715	18.054	ug/l	92
62) Toluene	10.606	91	281208	17.872	ug/l	99
64) Chlorobenzene	11.870	112	180584	17.968	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	61044	17.625	ug/l	98
66) Ethyl Benzene	11.941	91	314166	18.362	ug/l	99
67) m/p-Xylenes	12.047	106	236486	35.854	ug/l	96
68) o-Xylene	12.376	106	118924	18.112	ug/l	100
69) Styrene	12.388	104	190528	17.541	ug/l	98
70) Isopropylbenzene	12.670	105	291885	18.138	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	93851	17.202	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	83281m	16.436	ug/l	
73) Bromobenzene	12.959	156	69693	17.719	ug/l	99
74) n-propylbenzene	13.012	91	355095	18.279	ug/l	99
75) 2-Chlorotoluene	13.106	91	213187	17.947	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	249136	18.225	ug/l	97
77) t-1,4-Dichloro-2-butene	12.717	75	31716	15.706	ug/l	88
78) 4-Chlorotoluene	13.200	91	223780	18.543	ug/l	96
79) tert-butylbenzene	13.417	119	216762	18.292	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	254506	18.598	ug/l	98
81) sec-Butylbenzene	13.594	105	310550	18.639	ug/l	98
82) p-Isopropyltoluene	13.706	119	261605	18.391	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	131926	17.827	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	138453	18.141	ug/l	98
85) n-Butylbenzene	14.035	91	242561	18.328	ug/l	97
86) Hexachloroethane	14.306	117	49559	17.391	ug/l	92
87) 1,2-Dichlorobenzene	14.082	146	126369	17.361	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20446	16.317	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	72120	16.634	ug/l	97
90) Hexachlorobutadiene	15.470	225	27104	17.961	ug/l	94
91) Naphthalene	15.611	128	267534	16.854	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	72120	16.634	ug/l	97

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

Manual Integrations

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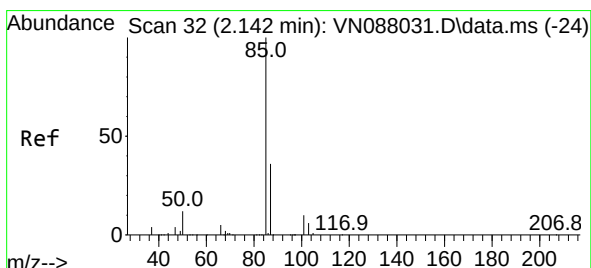
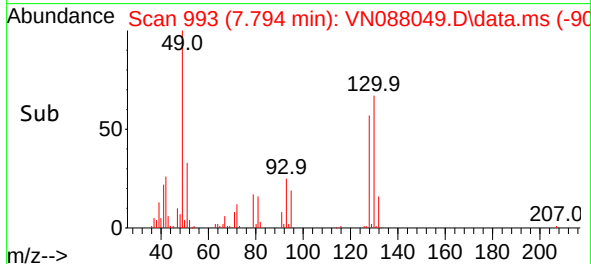
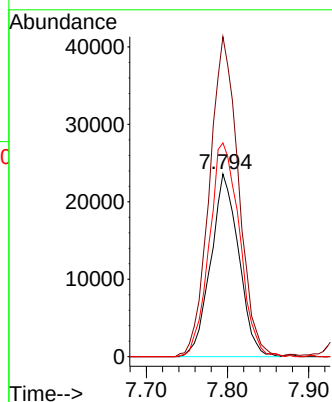
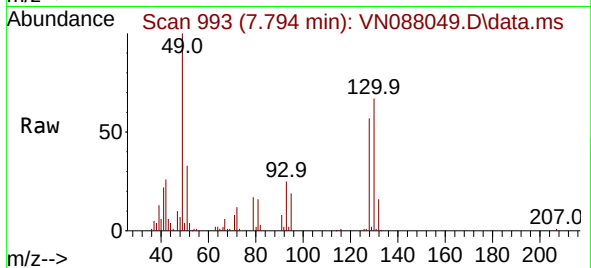
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:128 Resp: 5633
Ion Ratio Lower Upper
128 100
49 182.3 0.0 439.8
130 126.2 0.0 325.8

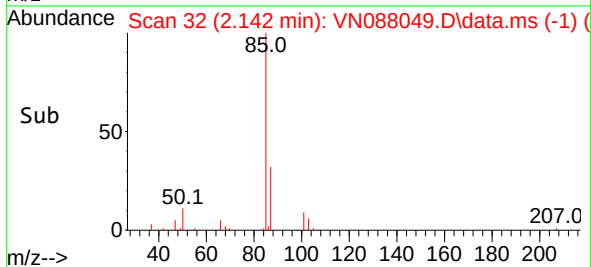
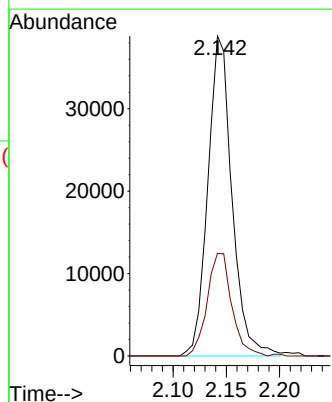
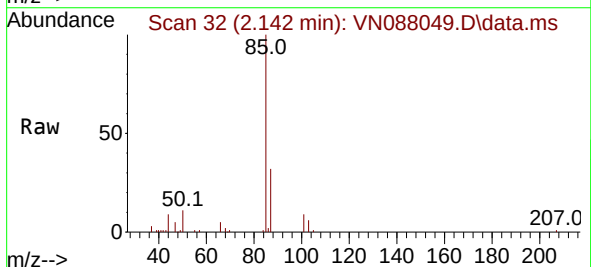
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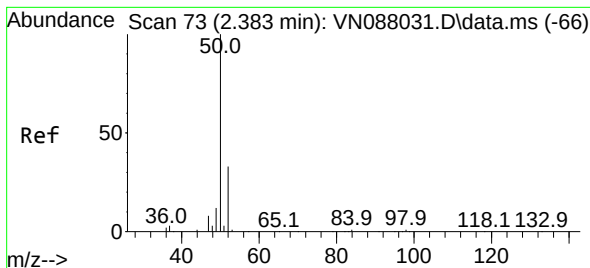
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 18.956 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

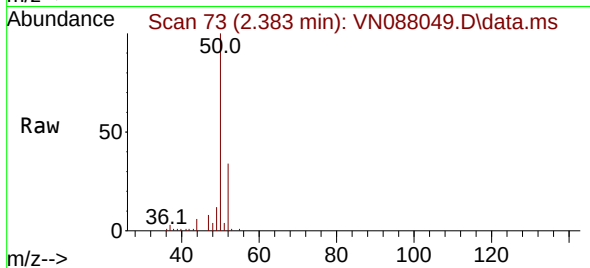
Tgt Ion: 85 Resp: 61165
Ion Ratio Lower Upper
85 100
87 32.0 17.9 53.8





#3
Chloromethane
Concen: 17.729 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

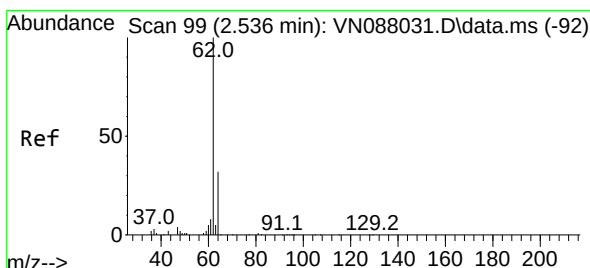
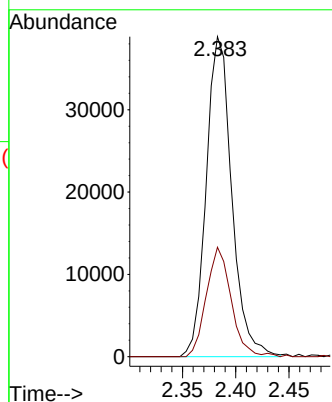
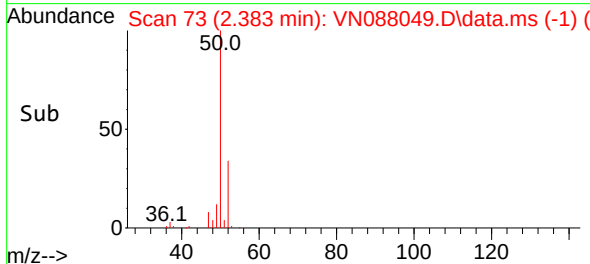
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



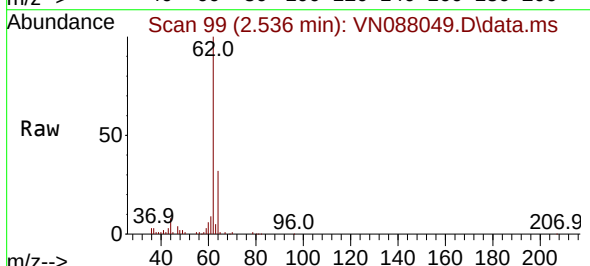
Tgt Ion: 50 Resp: 6485
Ion Ratio Lower Upper
50 100
52 34.2 26.3 39.5

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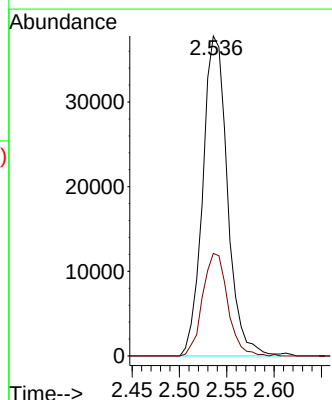
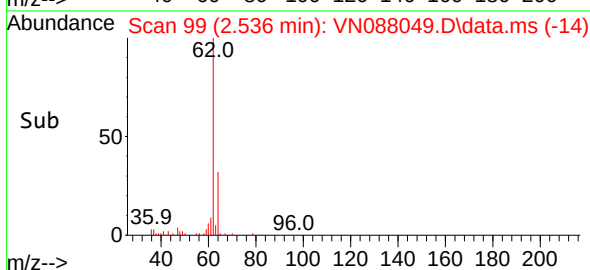
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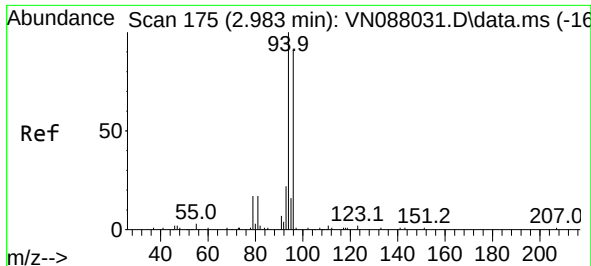


#4
Vinyl Chloride
Concen: 18.020 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



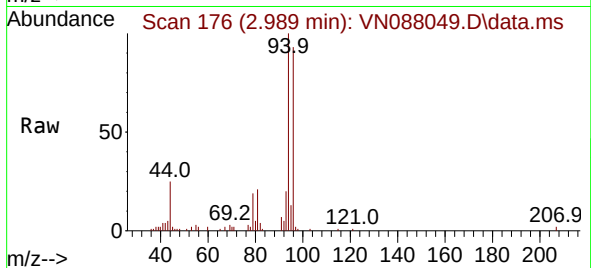
Tgt Ion: 62 Resp: 68737
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





#5
Bromomethane
Concen: 18.945 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

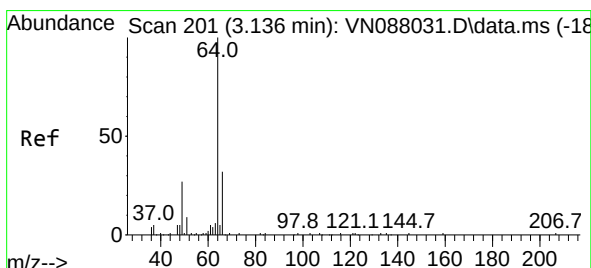
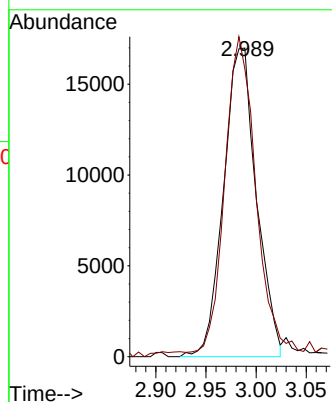
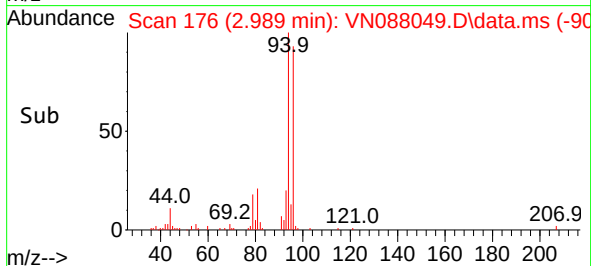
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 94 Resp: 3885
Ion Ratio Lower Upper
94 100
96 91.6 73.0 109.4

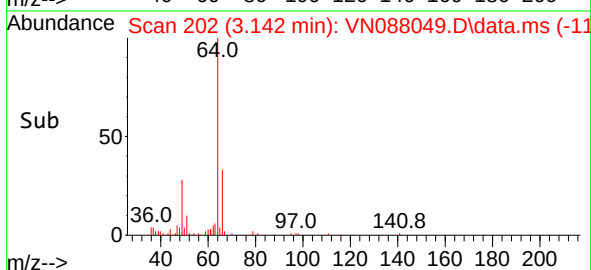
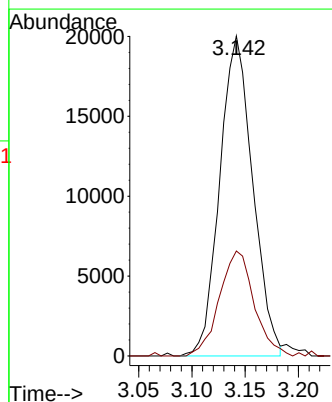
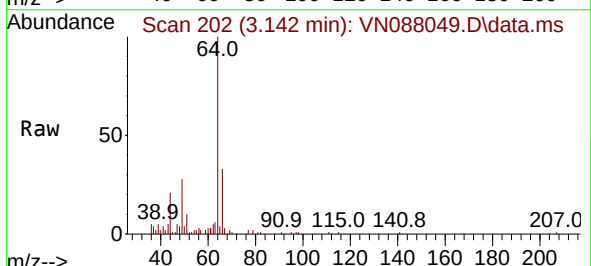
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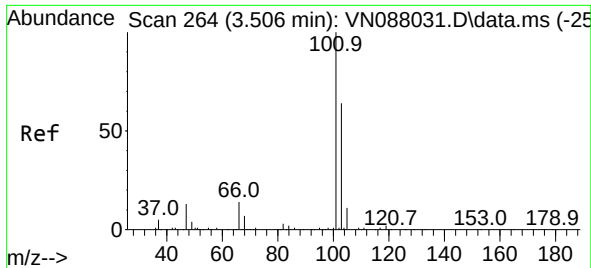
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#6
Chloroethane
Concen: 17.107 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

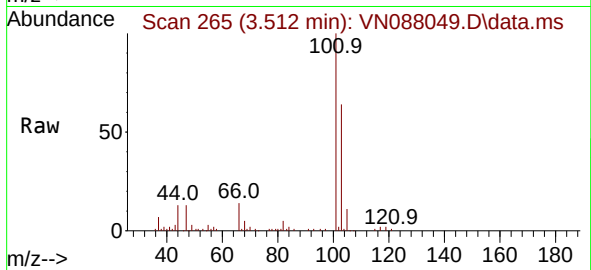
Tgt Ion: 64 Resp: 43045
Ion Ratio Lower Upper
64 100
66 32.8 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 18.631 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

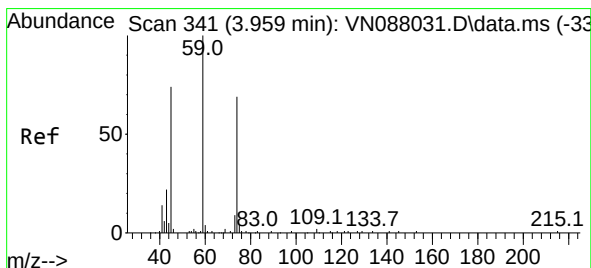
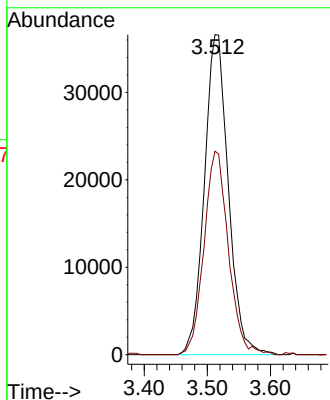
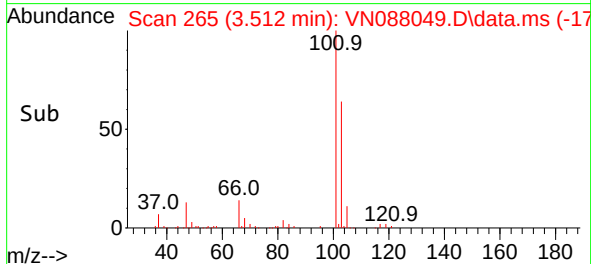
Instrument :
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Tgt Ion:101 Resp: 96639
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.4

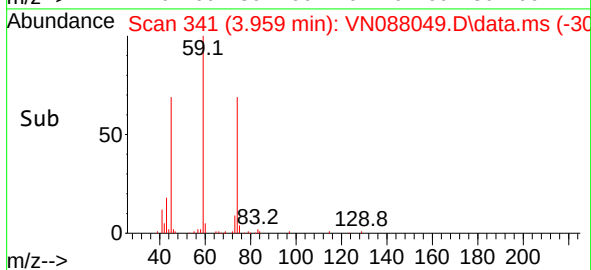
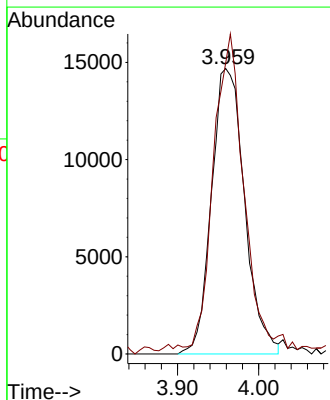
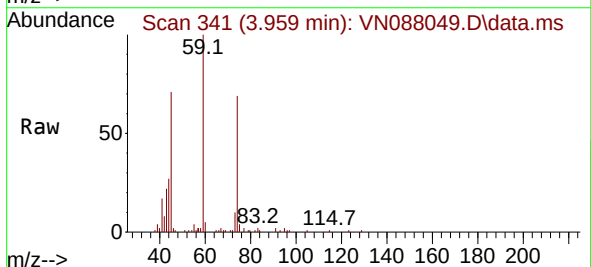
Manual Integrations
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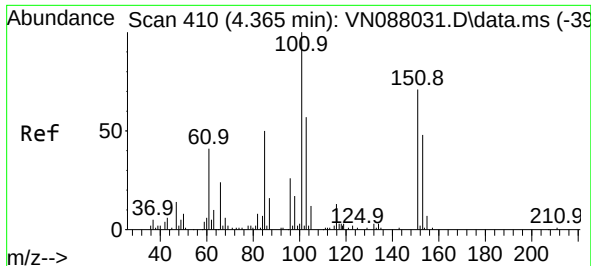
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#8
 Diethyl Ether
 Concen: 17.734 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

Tgt Ion: 74 Resp: 41563
 Ion Ratio Lower Upper
 74 100
 45 99.4 20.4 183.8





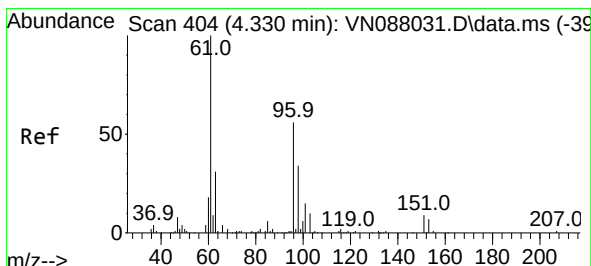
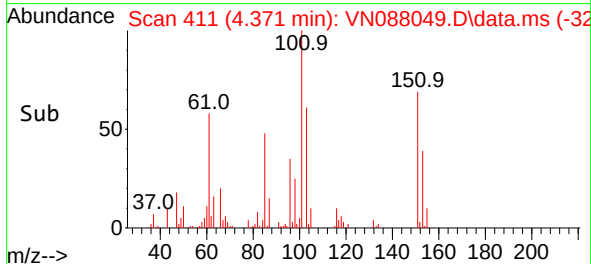
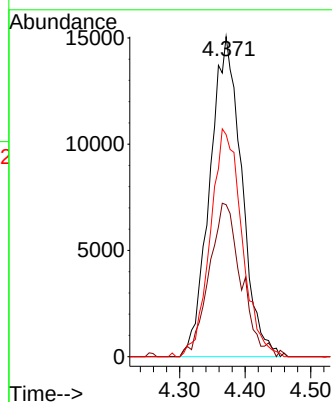
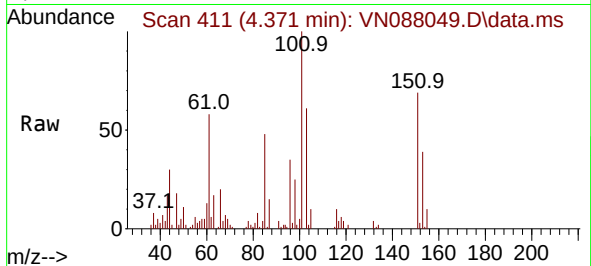
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.280 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 101 Resp: 5075
Ion Ratio Lower Upper
101 100
85 46.6 0.0 103.2
151 70.5 0.0 141.4

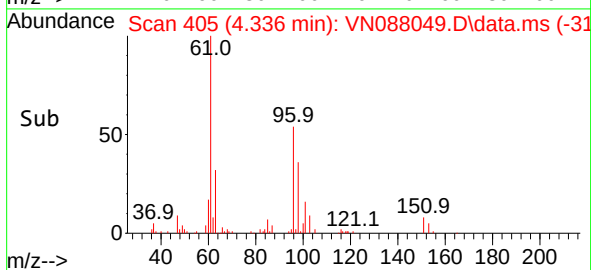
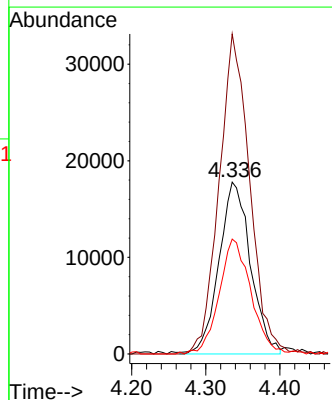
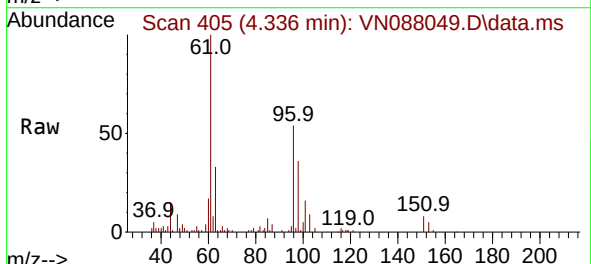
Manual Integrations
APPROVED

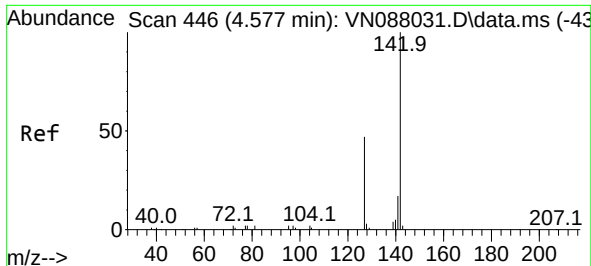
Reviewed By : John Carlone 10/10/2025
Supervised By : Mahesh Dadoda 10/10/2025



#10
1,1-Dichloroethene
Concen: 17.744 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

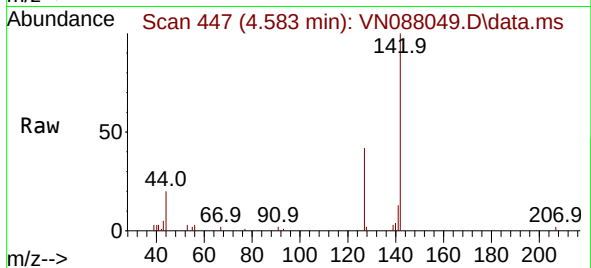
Tgt Ion: 96 Resp: 52558
Ion Ratio Lower Upper
96 100
61 187.9 144.1 216.1
98 66.3 49.0 73.6





#11
Methyl Iodide
Concen: 15.162 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

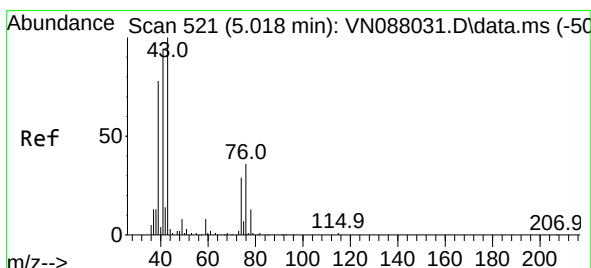
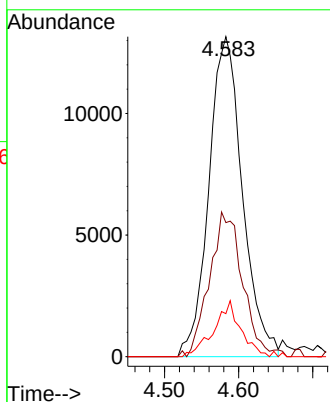
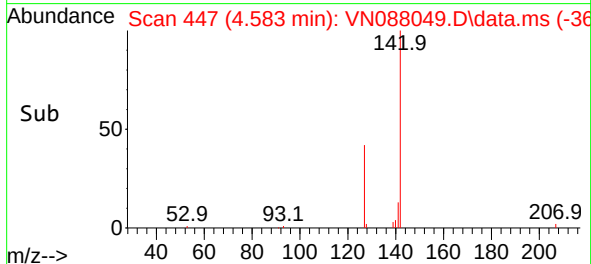
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion:142 Resp: 41390
Ion Ratio Lower Upper
142 100
127 41.3 23.4 70.3
141 13.6 8.8 26.2

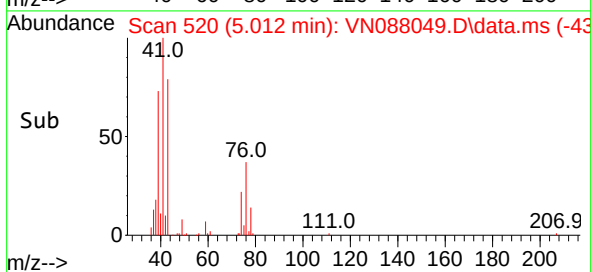
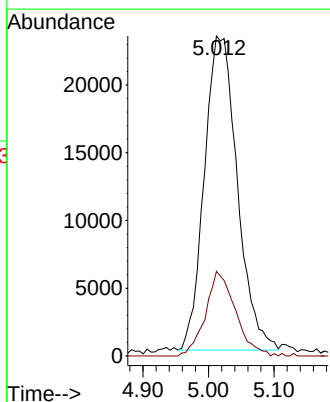
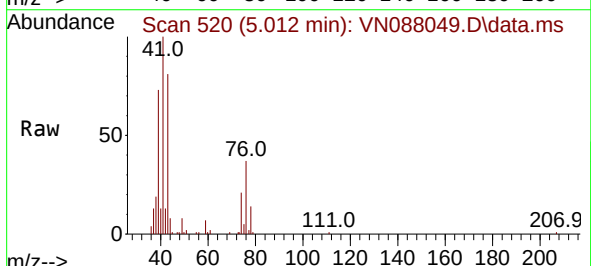
Manual Integrations
APPROVED

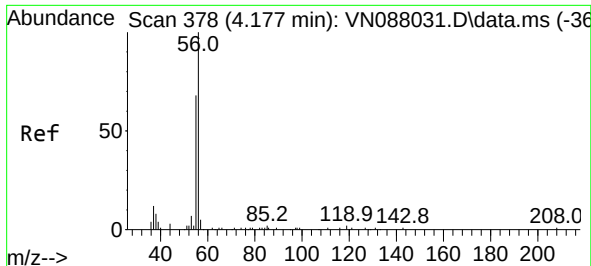
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
Methyl Acetate
Concen: 16.831 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion: 43 Resp: 81046
Ion Ratio Lower Upper
43 100
74 27.0 23.3 34.9





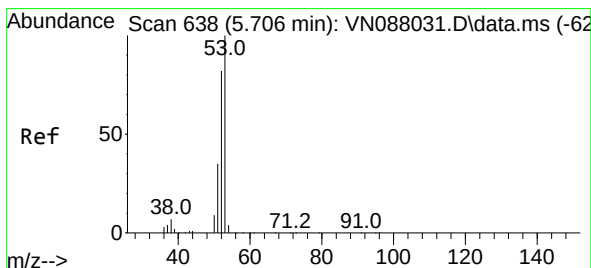
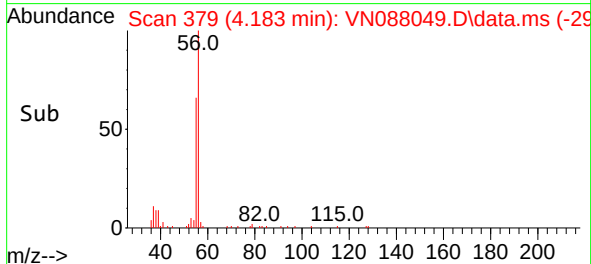
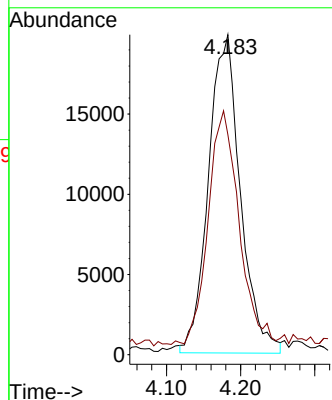
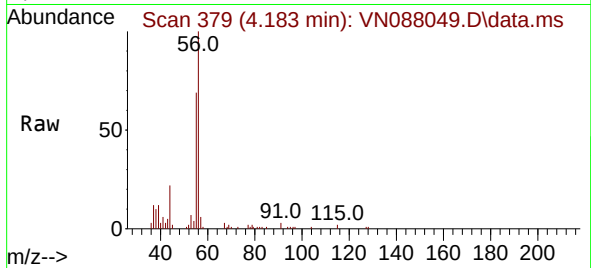
#13
Acrolein
Concen: 79.742 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 56 Resp: 5942
Ion Ratio Lower Upper
56 100
55 72.3 0.3 0.5

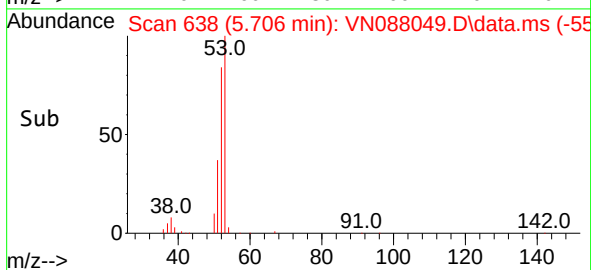
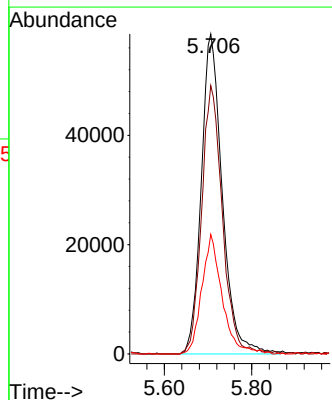
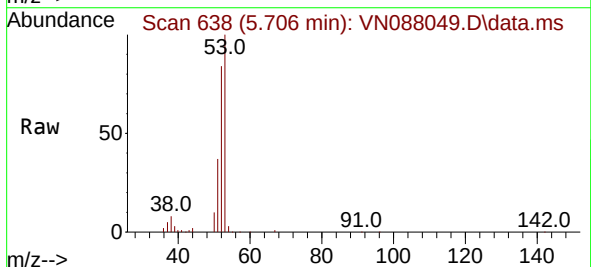
Manual Integrations
APPROVED

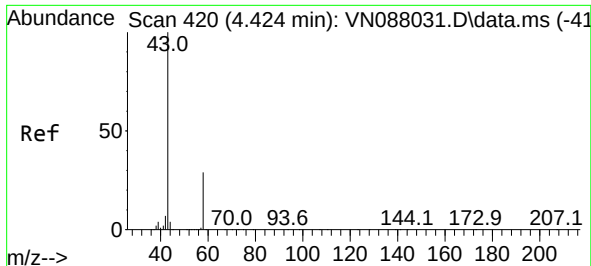
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#14
Acrylonitrile
Concen: 84.460 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

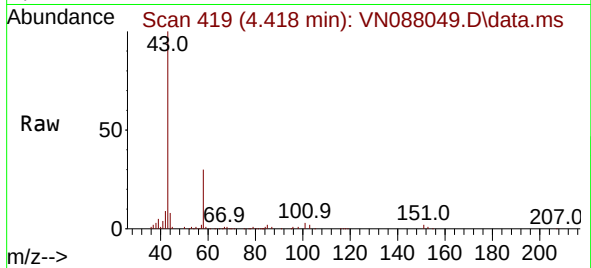
Tgt Ion: 53 Resp: 196269
Ion Ratio Lower Upper
53 100
52 81.4 41.3 124.1
51 35.7 18.0 54.0





#15
Acetone
Concen: 84.165 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

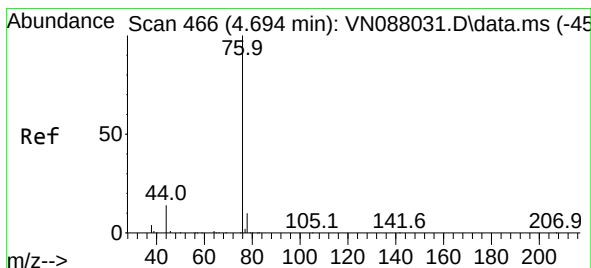
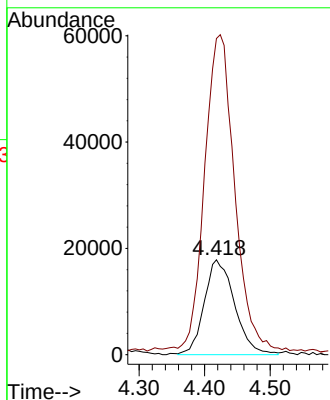
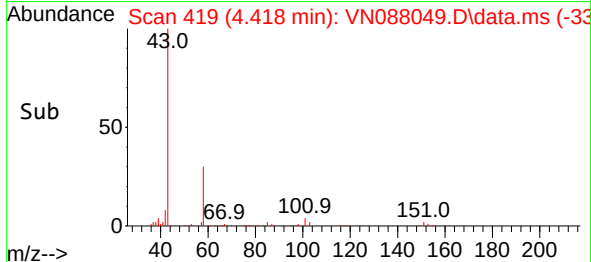
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



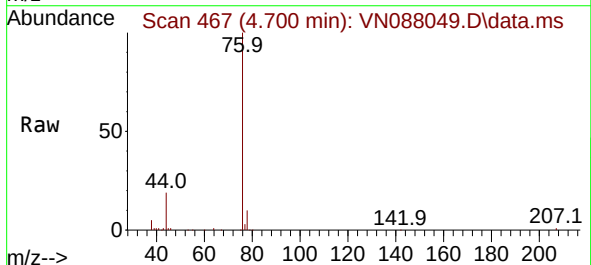
Tgt Ion: 58 Resp: 57278
Ion Ratio Lower Upper
58 100
43 330.1 282.6 424.0

Manual Integrations
APPROVED

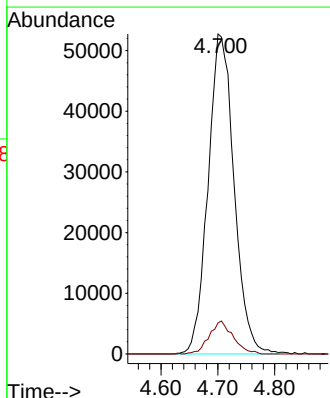
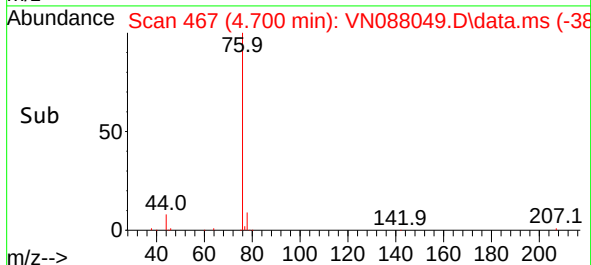
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

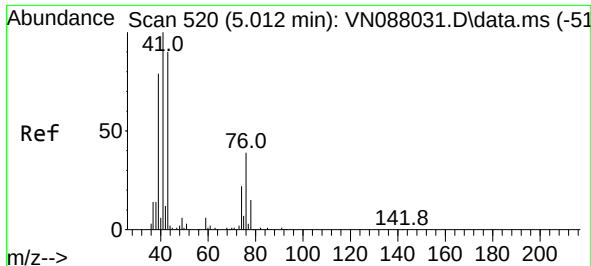


#16
Carbon Disulfide
Concen: 18.048 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



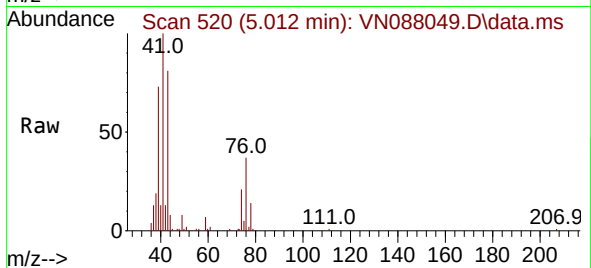
Tgt Ion: 76 Resp: 167579
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8





#17
Allyl chloride
Concen: 17.431 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

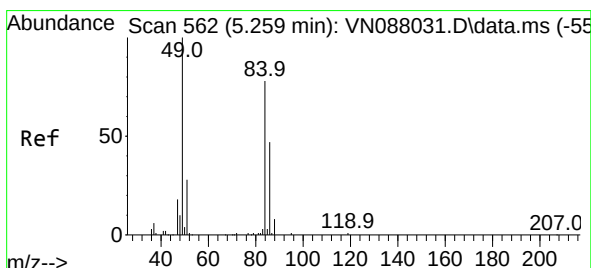
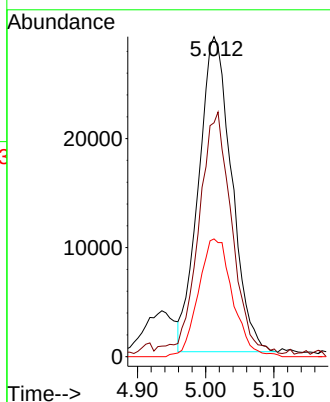
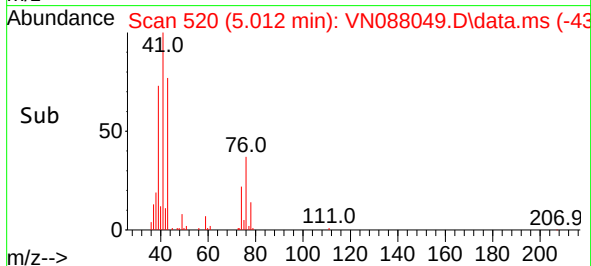
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



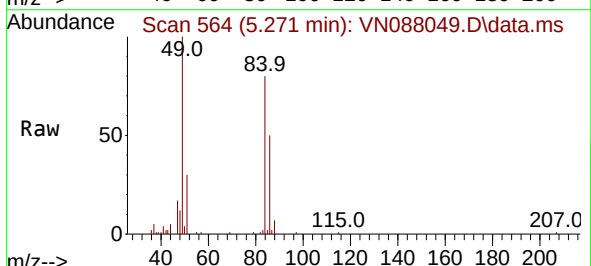
Tgt Ion: 41 Resp: 9742
Ion Ratio Lower Upper
41 100
39 73.1 36.4 109.2
76 36.8 18.1 54.1

Manual Integrations
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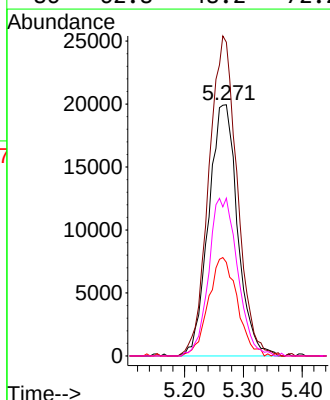
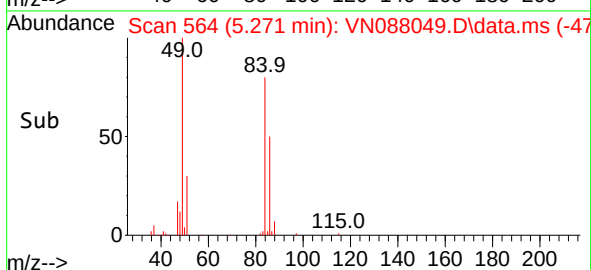
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

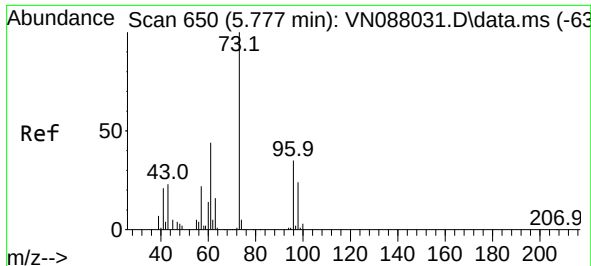


#18
Methylene Chloride
Concen: 18.093 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.012 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



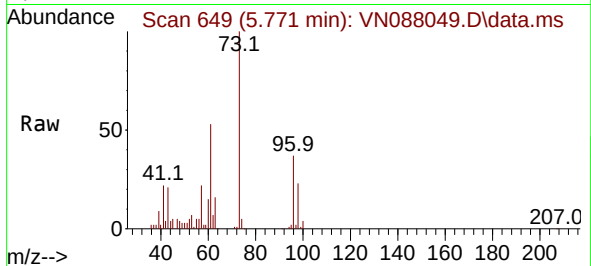
Tgt Ion: 84 Resp: 68114
Ion Ratio Lower Upper
84 100
49 124.9 102.6 153.8
51 37.3 28.6 42.8
86 62.8 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 17.881 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

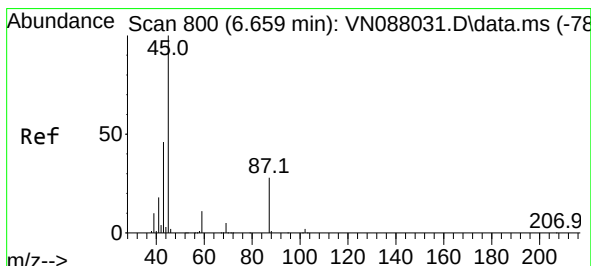
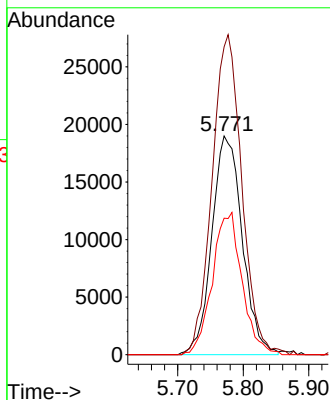
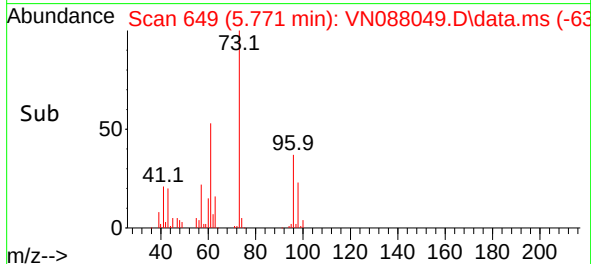
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 96 Resp: 6123
Ion Ratio Lower Upper
96 100
61 140.8 100.6 151.0
98 62.4 54.0 81.0

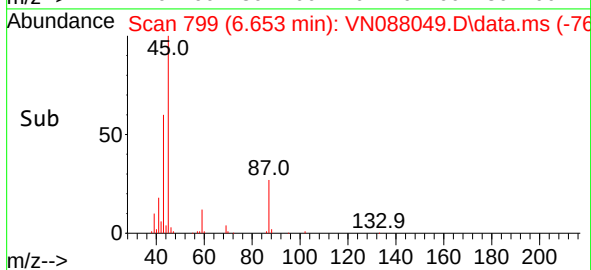
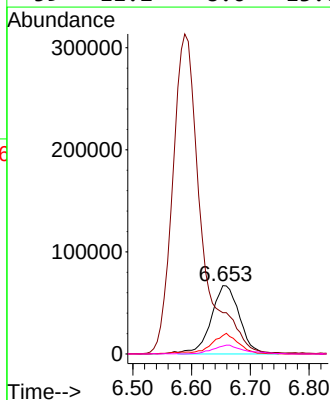
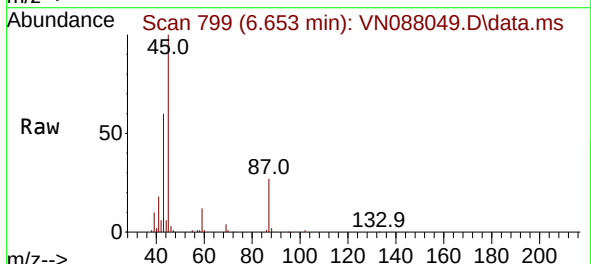
Manual Integrations
APPROVED

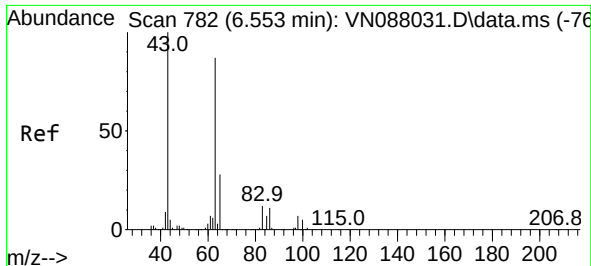
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Diisopropyl ether
Concen: 17.525 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion: 45 Resp: 223007
Ion Ratio Lower Upper
45 100
43 58.5 46.1 69.1
87 26.8 22.3 33.5
59 11.2 8.6 13.0





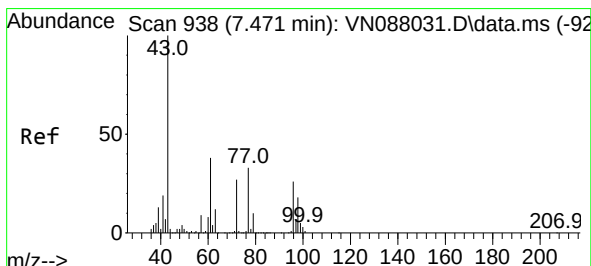
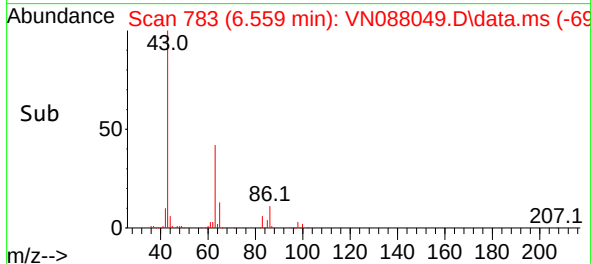
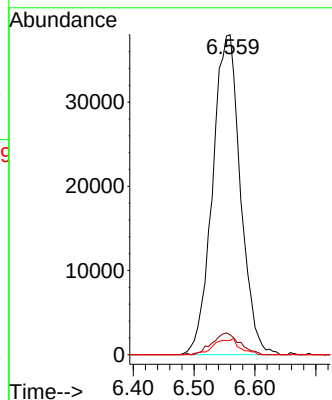
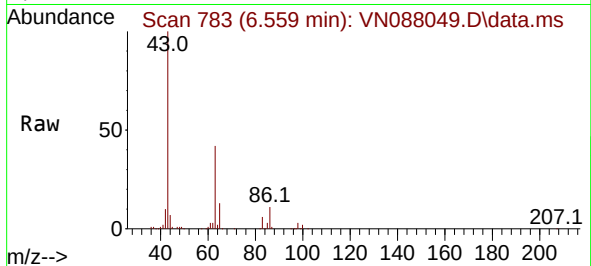
#21
1,1-Dichloroethane
Concen: 18.264 ug/l
RT: 6.559 min Scan# 782
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 63 Resp: 120980
Ion Ratio Lower Upper
63 100
98 6.2 4.3 12.8
100 4.5 2.6 8.0

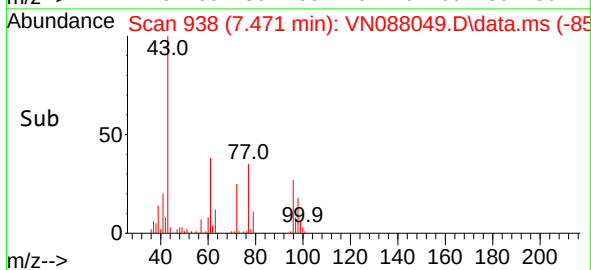
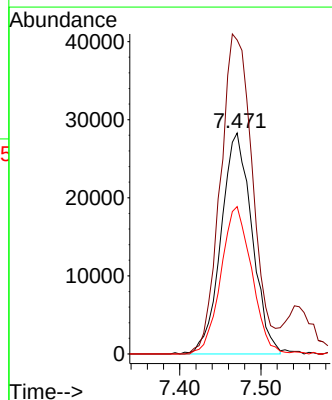
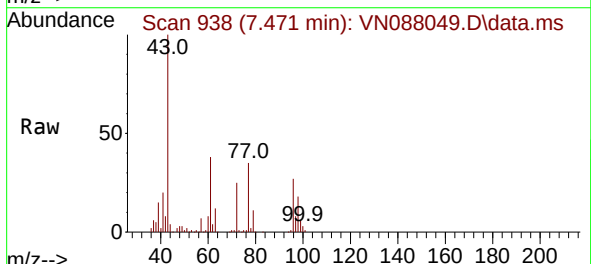
Manual Integrations
APPROVED

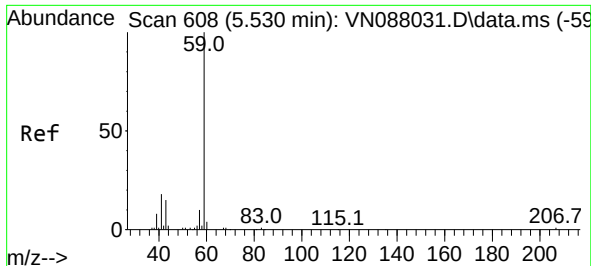
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#22
cis-1,2-Dichloroethene
Concen: 17.480 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

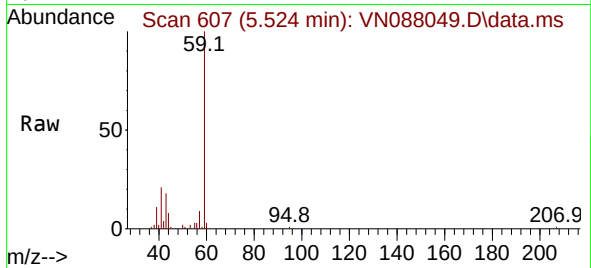
Tgt Ion: 96 Resp: 74935
Ion Ratio Lower Upper
96 100
61 150.4 117.0 175.6
98 66.4 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 76.659 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

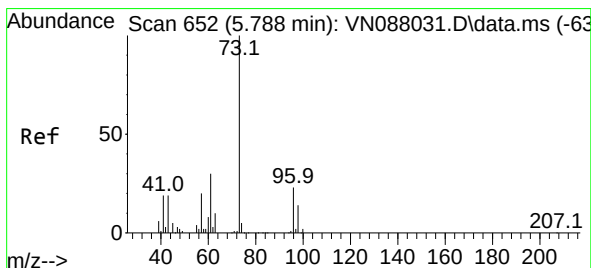
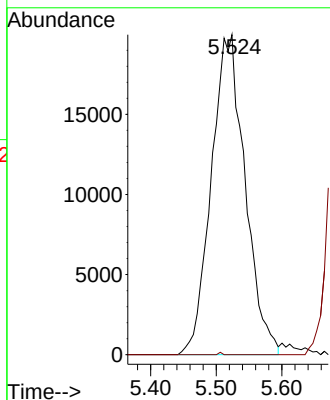
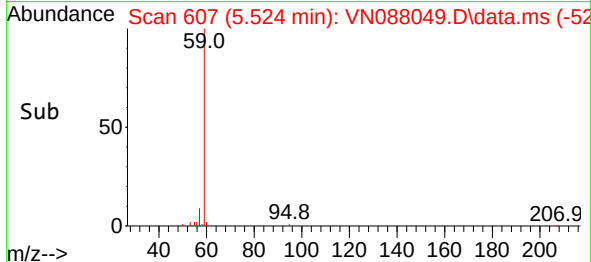
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 59 Resp: 71440
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

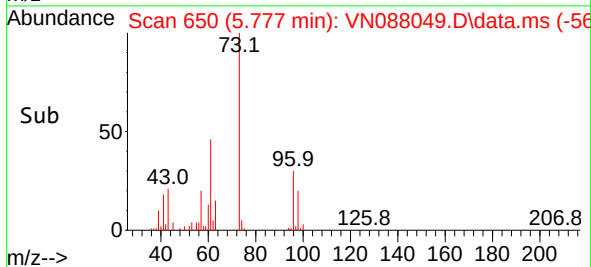
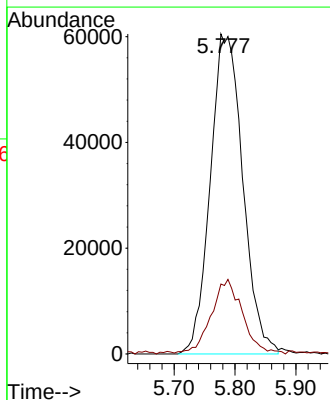
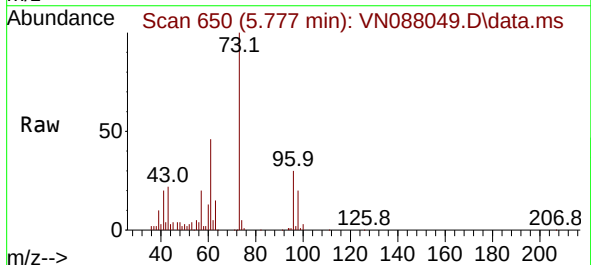
Manual Integrations
APPROVED

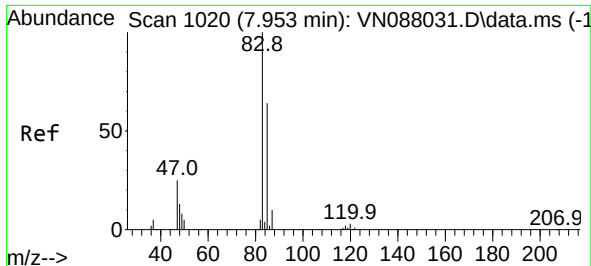
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#24
Methyl tert-Butyl Ether
Concen: 17.535 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

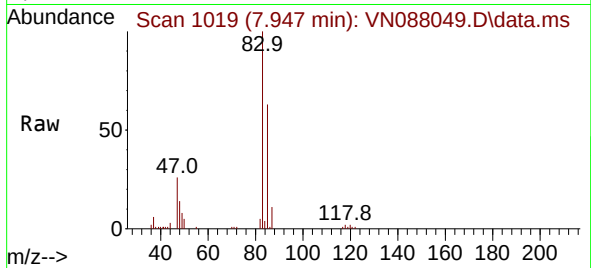
Tgt Ion: 73 Resp: 224196
Ion Ratio Lower Upper
73 100
43 21.4 17.0 25.4





#25
Chloroform
Concen: 17.620 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

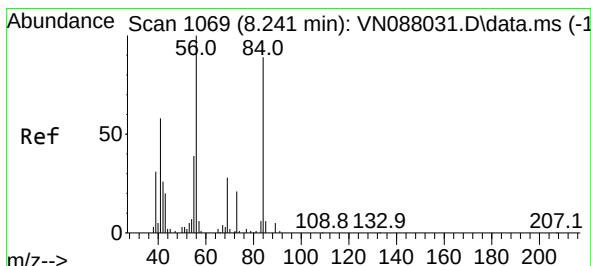
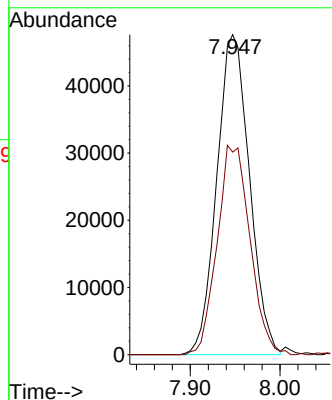
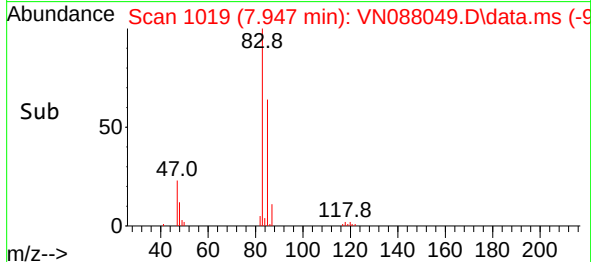
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



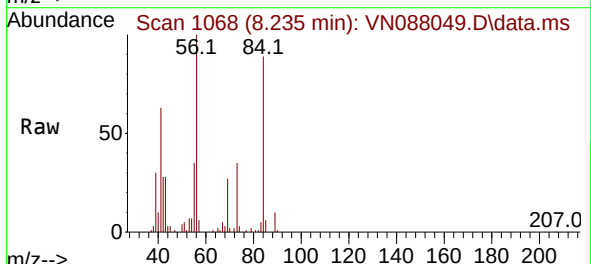
Tgt Ion: 83 Resp: 120449
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3

Manual Integrations
APPROVED

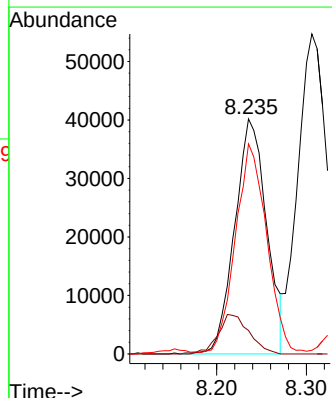
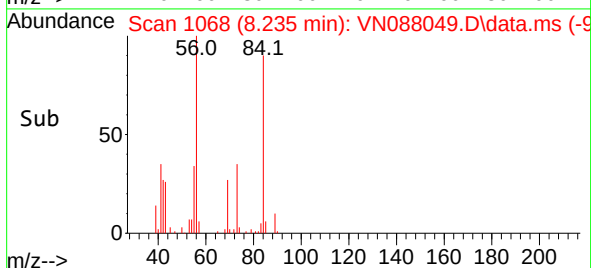
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

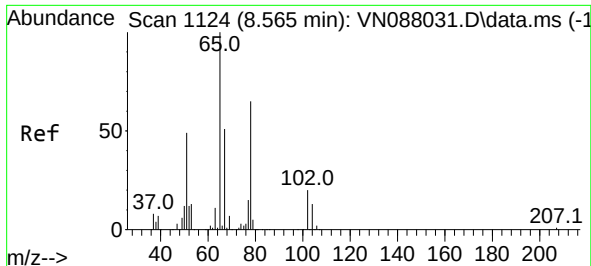


#26
Cyclohexane
Concen: 18.080 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



Tgt Ion: 56 Resp: 99231
Ion Ratio Lower Upper
56 100
89 16.2 8.6 12.8#
84 88.2 69.6 104.4





#27

1,2-Dichloroethane-d4

Concen: 30.582 ug/l

RT: 8.559 min Scan# 1124

Delta R.T. -0.006 min

Lab File: VN088049.D

Acq: 09 Oct 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

Tgt Ion: 65 Resp: 134154

Ion Ratio Lower Upper

65 100

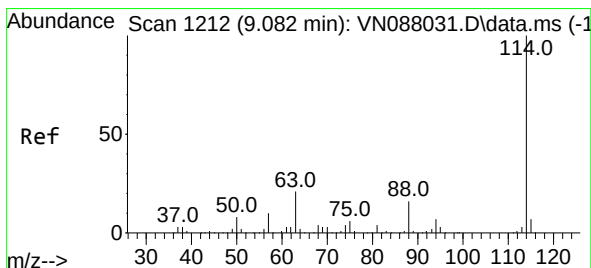
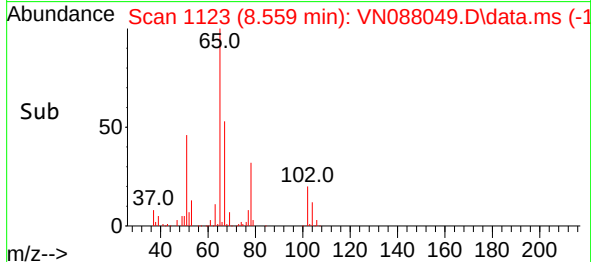
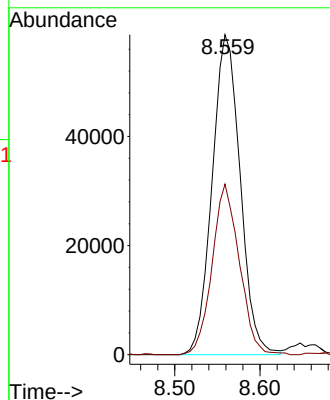
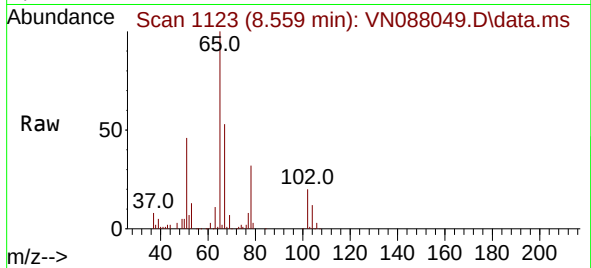
67 51.7 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088049.D

Acq: 09 Oct 2025 09:50

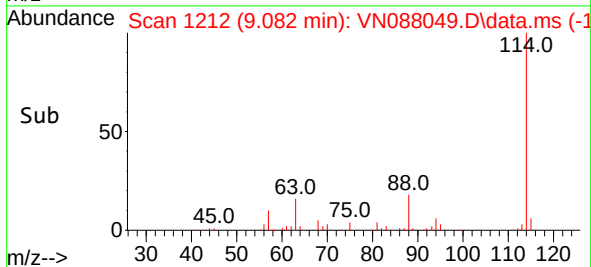
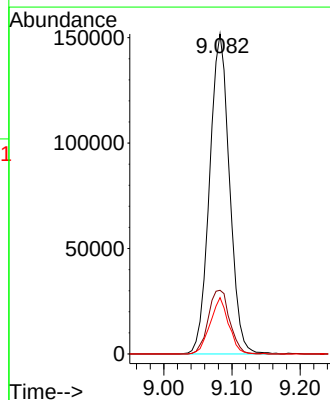
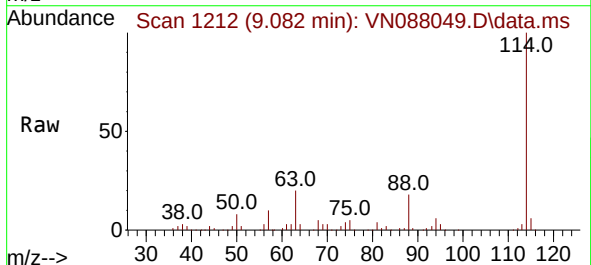
Tgt Ion:114 Resp: 309061

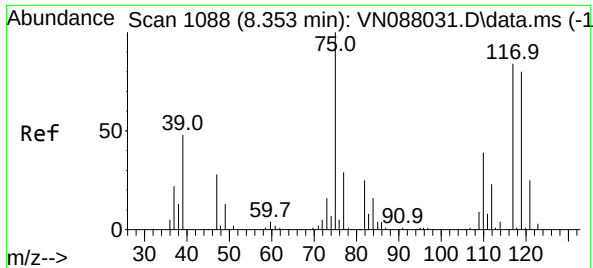
Ion Ratio Lower Upper

114 100

63 21.4 16.6 25.0

88 16.4 12.6 18.8





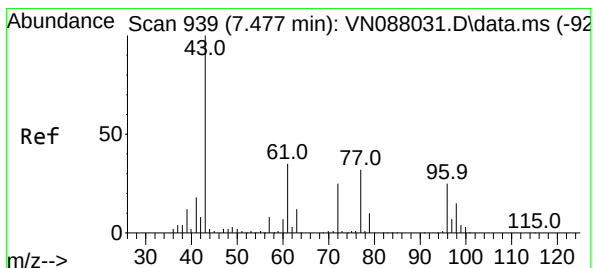
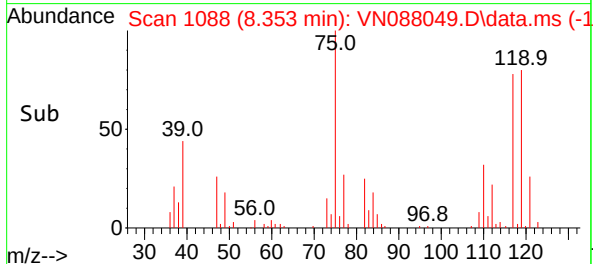
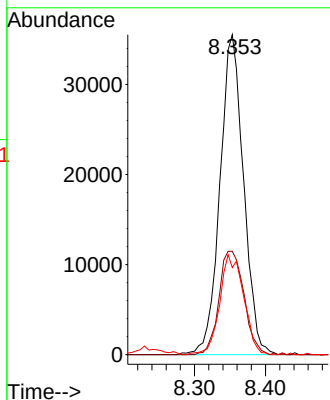
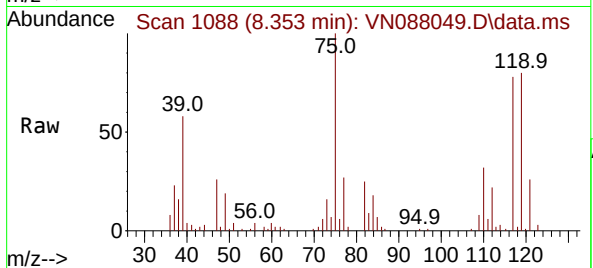
#29
1,1-Dichloropropene
Concen: 18.494 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 75 Resp: 81928
Ion Ratio Lower Upper
75 100
110 34.3 0.0 72.2
77 31.6 0.0 60.6

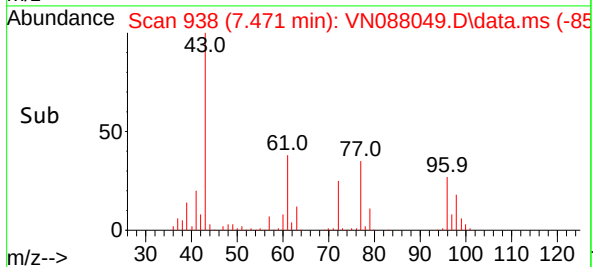
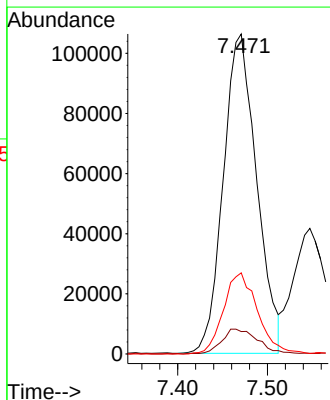
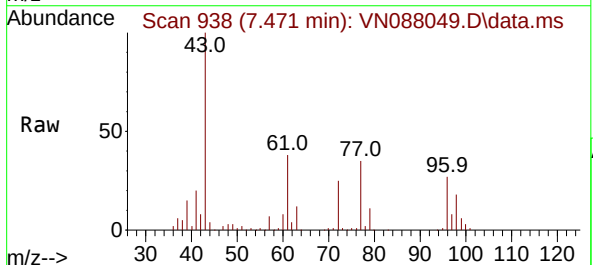
Manual Integrations
APPROVED

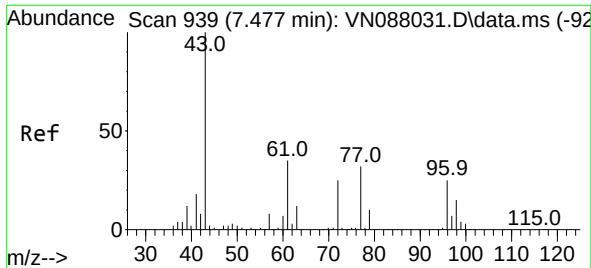
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#30
2-Butanone
Concen: 83.911 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion: 43 Resp: 274166
Ion Ratio Lower Upper
43 100
57 8.4 6.5 9.7
72 26.0 21.4 32.2





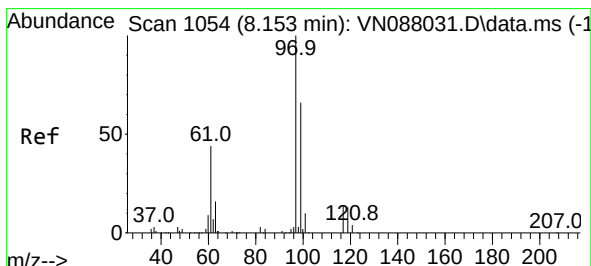
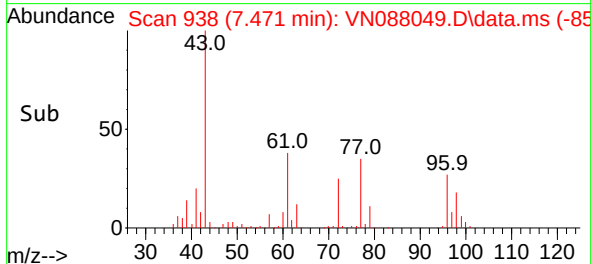
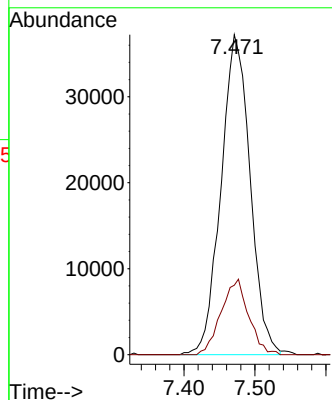
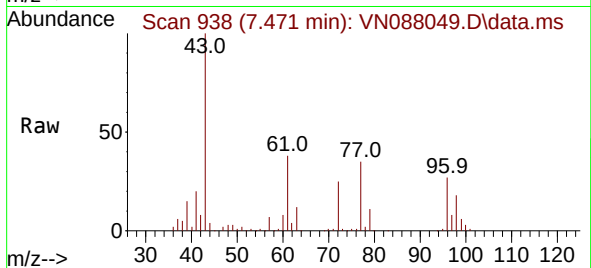
#31
2,2-Dichloropropane
Concen: 18.555 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 77 Resp: 105914
Ion Ratio Lower Upper
77 100
97 22.0 17.8 26.8

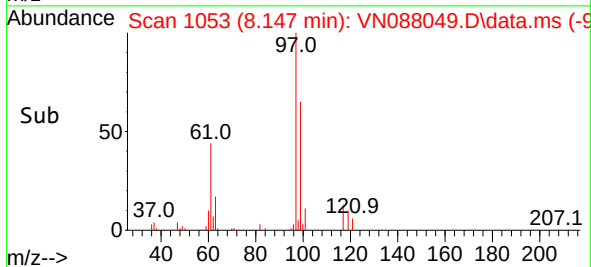
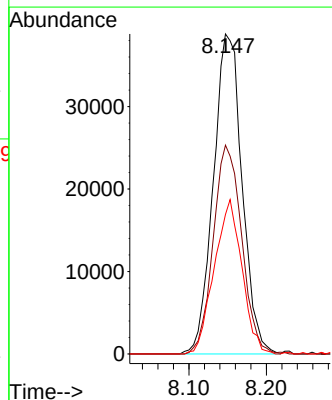
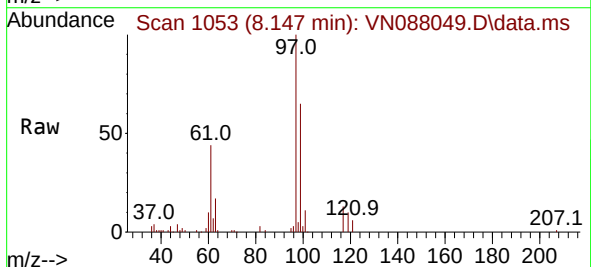
Manual Integrations
APPROVED

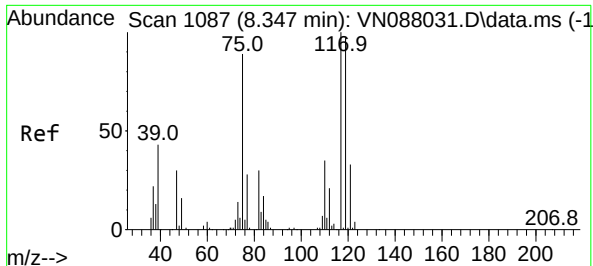
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#32
1,1,1-Trichloroethane
Concen: 18.076 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

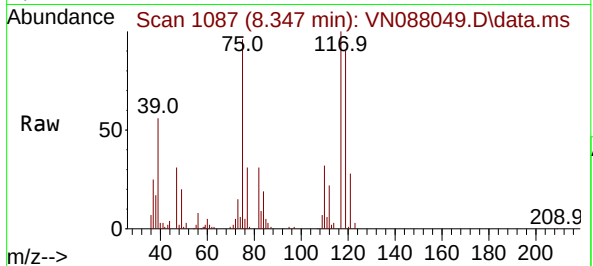
Tgt Ion: 97 Resp: 100060
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.2
61 46.5 34.7 52.1





#33
Carbon Tetrachloride
Concen: 18.231 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

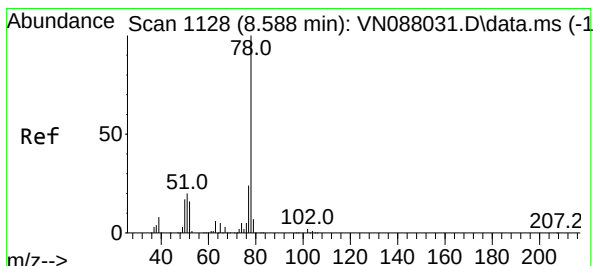
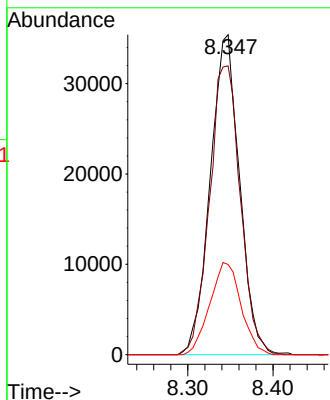
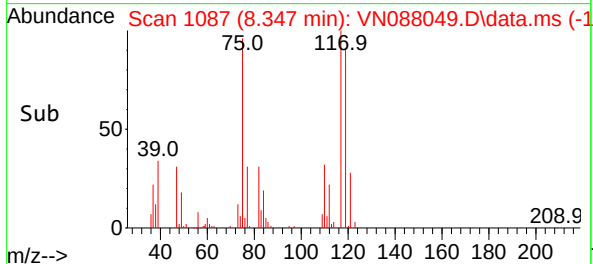
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



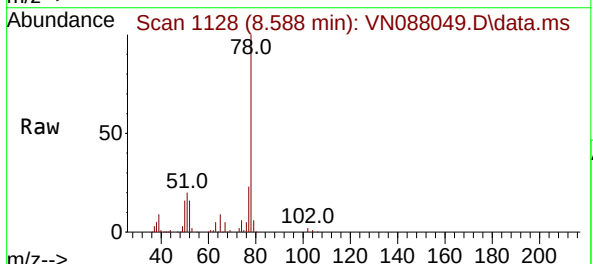
Tgt Ion: 117 Resp: 84532
Ion Ratio Lower Upper
117 100
119 90.2 77.9 116.9
121 28.2 26.4 39.6

Manual Integrations
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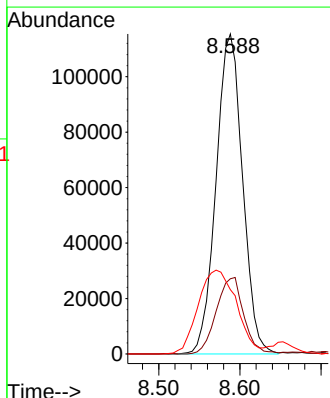
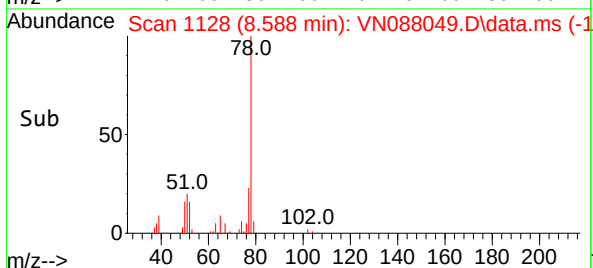
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

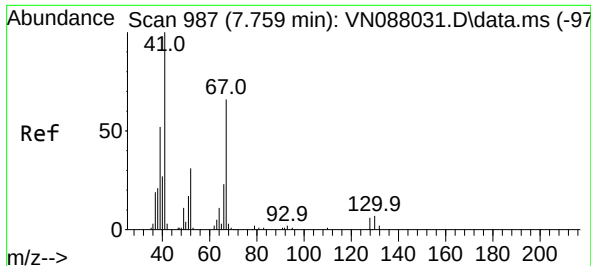


#34
Benzene
Concen: 17.805 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



Tgt Ion: 78 Resp: 261626
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3
51 19.0 15.6 23.4





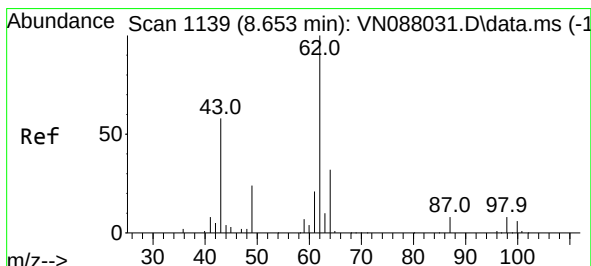
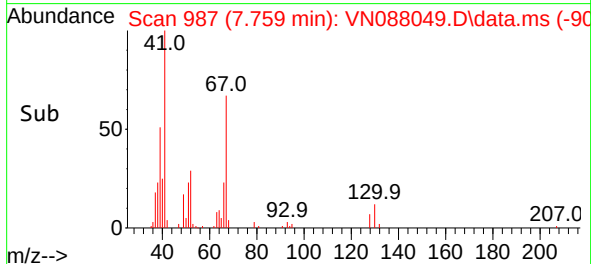
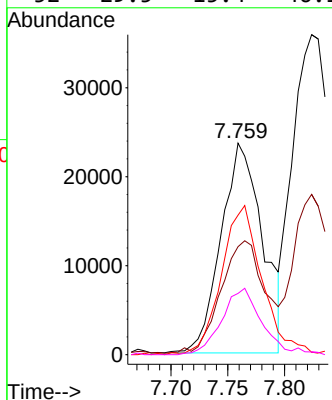
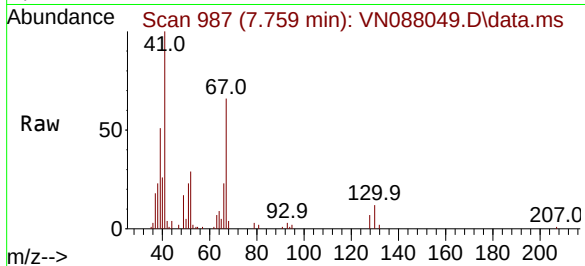
#35
Methacrylonitrile
Concen: 17.413 ug/l
RT: 7.759 min Scan# 987
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 41 Resp: 5982
Ion Ratio Lower Upper
41 100
39 50.8 26.1 78.3
67 66.4 33.1 99.2
52 29.5 15.4 46.1

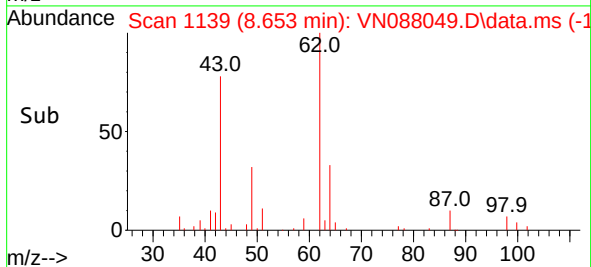
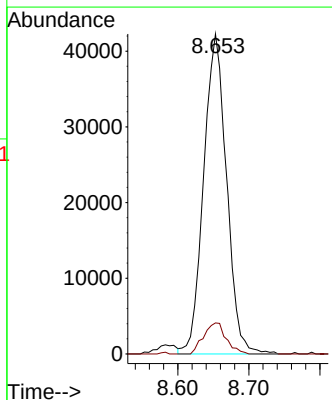
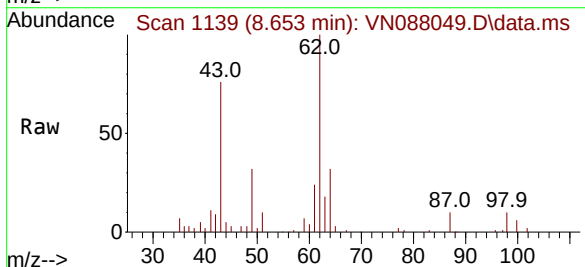
Manual Integrations
APPROVED

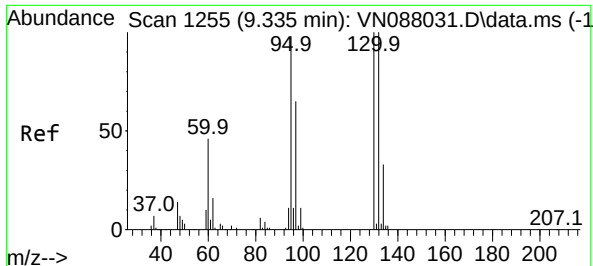
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,2-Dichloroethane
Concen: 18.613 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion: 62 Resp: 94948
Ion Ratio Lower Upper
62 100
98 9.5 7.8 11.6





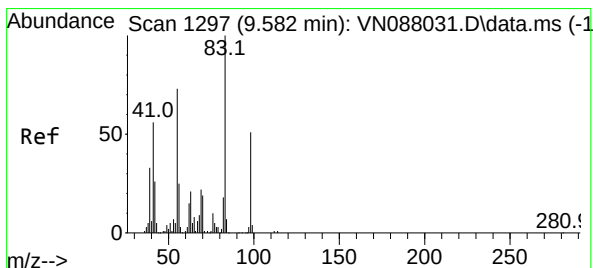
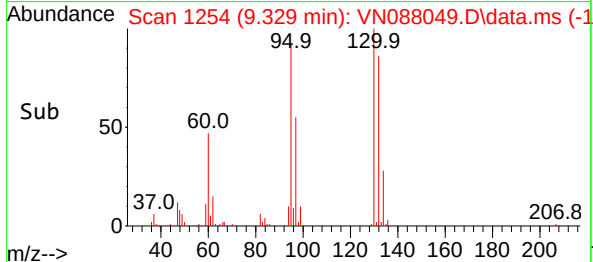
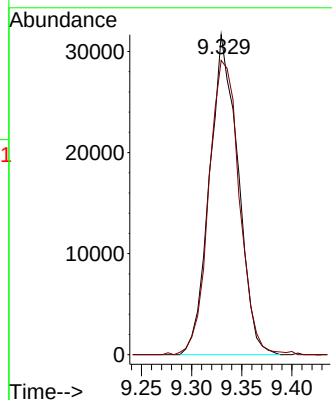
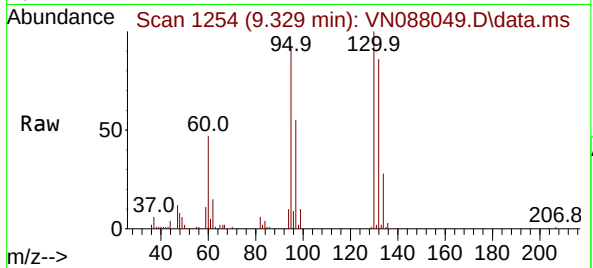
#37
 Trichloroethene
 Concen: 17.952 ug/l
 RT: 9.329 min Scan# 1254
 Delta R.T. -0.006 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tgt Ion:130 Resp: 62498
 Ion Ratio Lower Upper
 130 100
 95 91.2 78.7 118.1

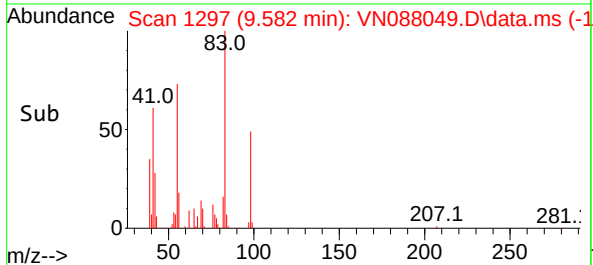
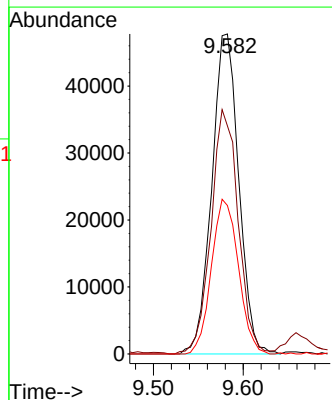
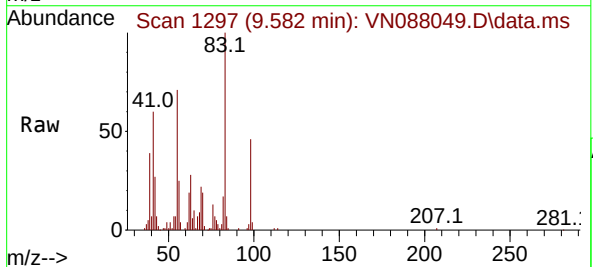
Manual Integrations
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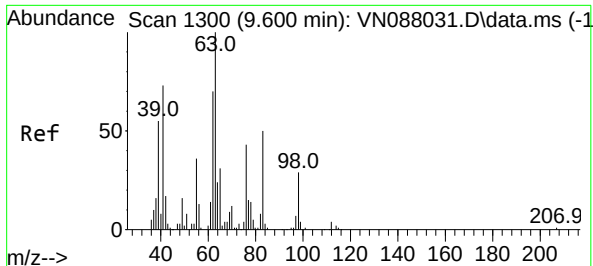
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#38
 Methylcyclohexane
 Concen: 18.248 ug/l
 RT: 9.582 min Scan# 1297
 Delta R.T. 0.000 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

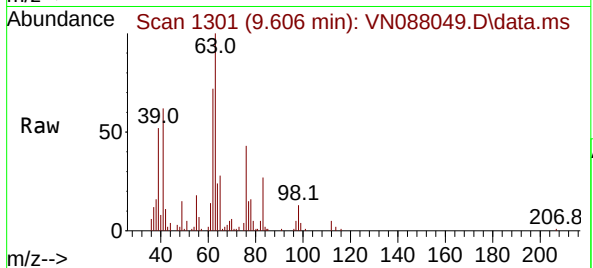
Tgt Ion: 83 Resp: 99830
 Ion Ratio Lower Upper
 83 100
 55 76.9 37.3 111.9
 98 48.4 25.4 76.0





#39
1,2-Dichloropropane
Concen: 17.962 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. 0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

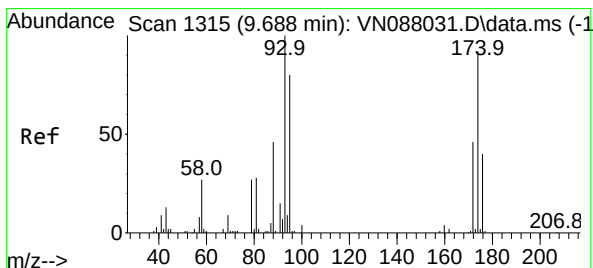
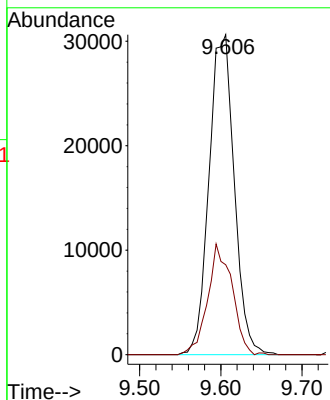
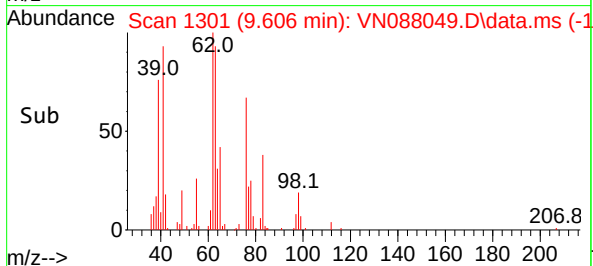
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 63 Resp: 66180
Ion Ratio Lower Upper
63 100
65 28.1 25.0 37.6

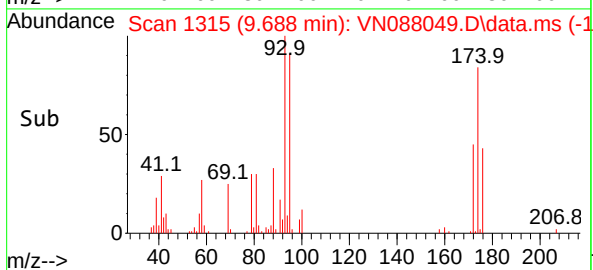
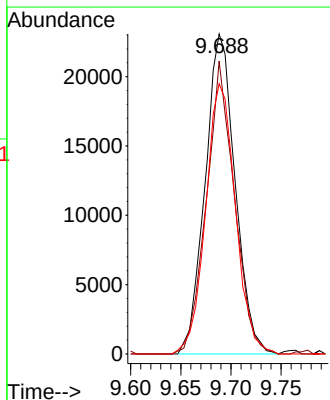
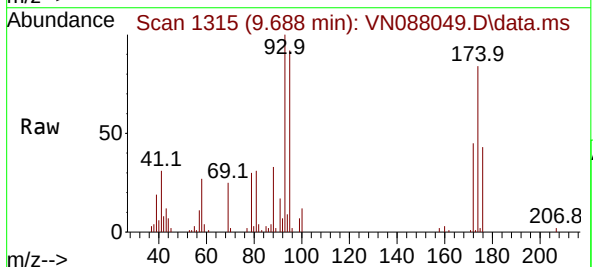
Manual Integrations
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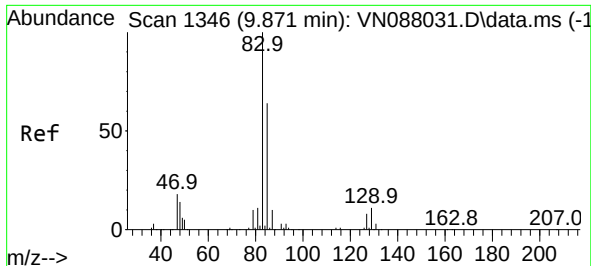
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#40
Dibromomethane
Concen: 17.898 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

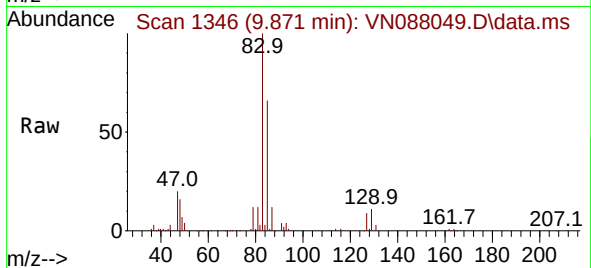
Tgt Ion: 93 Resp: 48002
Ion Ratio Lower Upper
93 100
95 85.1 0.0 158.6
174 84.0 0.0 180.8





#41
Bromodichloromethane
Concen: 17.519 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

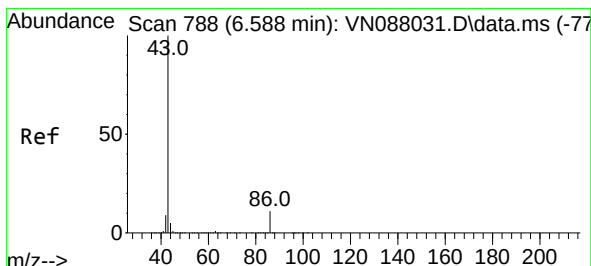
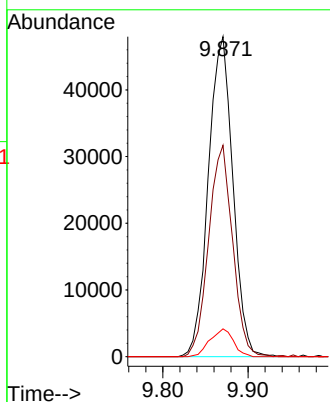
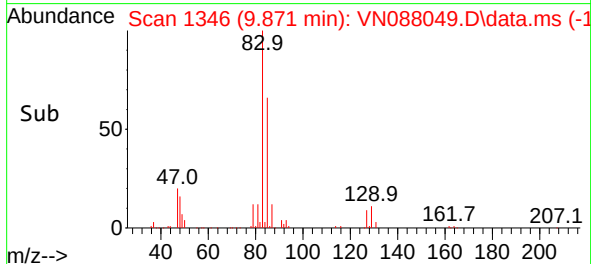
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 83 Resp: 9596
Ion Ratio Lower Upper
83 100
85 66.1 51.0 76.4
127 8.7 6.1 9.1

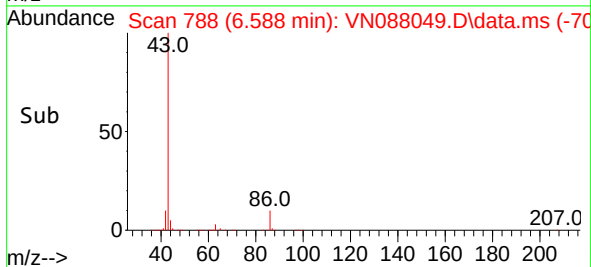
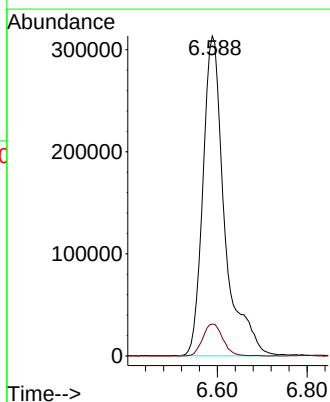
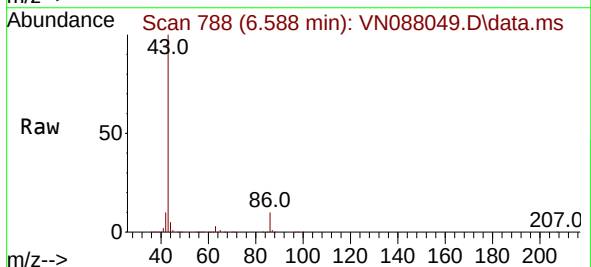
Manual Integrations
APPROVED

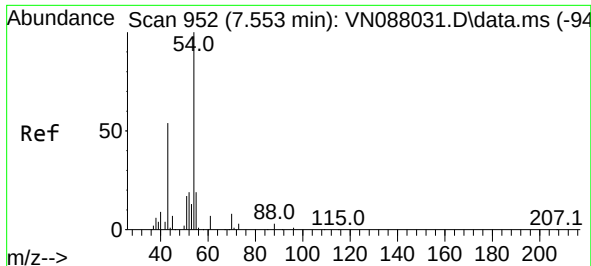
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#42
Vinyl Acetate
Concen: 94.308 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion: 43 Resp: 1049719
Ion Ratio Lower Upper
43 100
86 9.3 8.4 12.6





#43

Ethyl Acetate

Concen: 17.518 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN088049.D

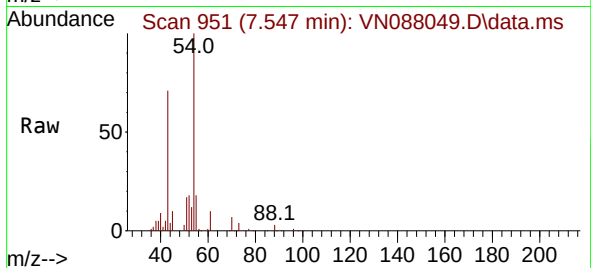
Acq: 09 Oct 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01



Tgt Ion: 43 Resp: 110028

Ion Ratio Lower Upper

43 100

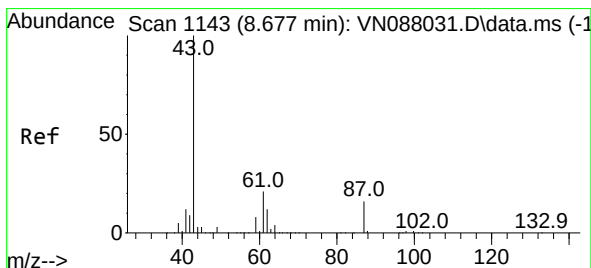
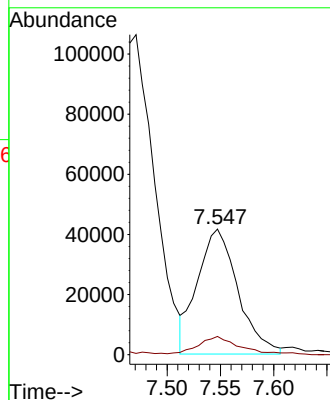
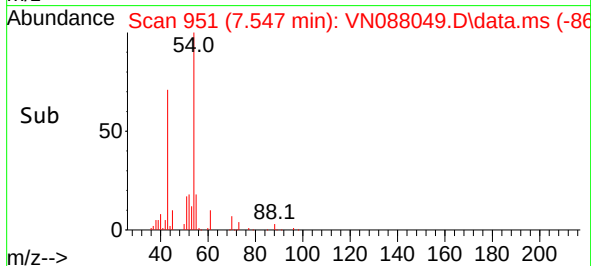
45 12.4 10.2 15.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#44

Isopropyl Acetate

Concen: 17.406 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VN088049.D

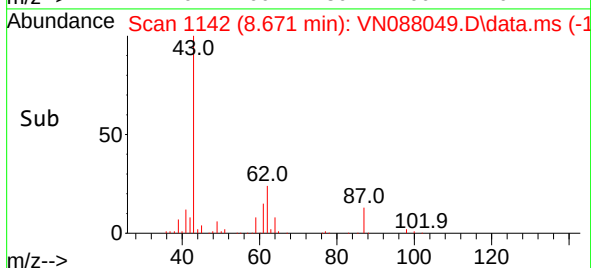
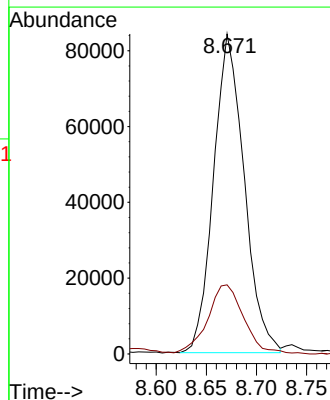
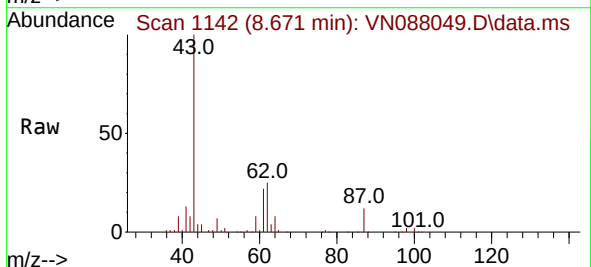
Acq: 09 Oct 2025 09:50

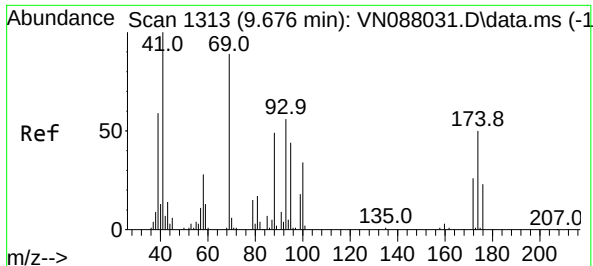
Tgt Ion: 43 Resp: 178558

Ion Ratio Lower Upper

43 100

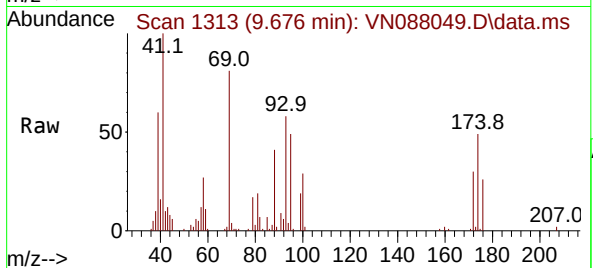
61 25.6 18.7 28.1





#45
1,4-Dioxane
Concen: 317.691 ug/l
RT: 9.676 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

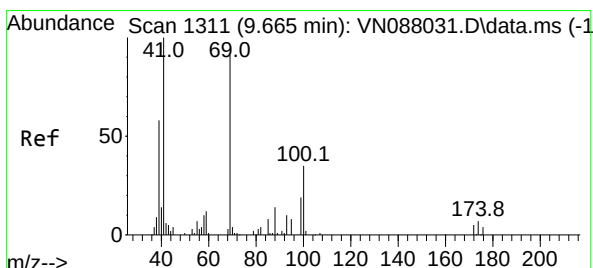
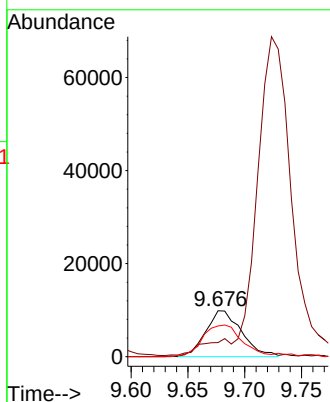
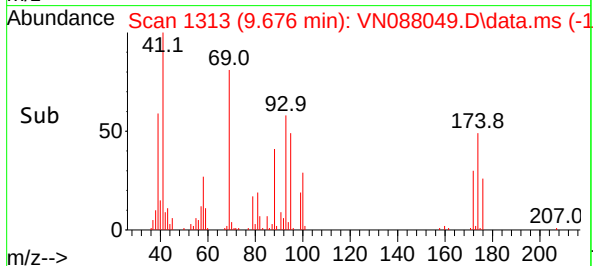
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



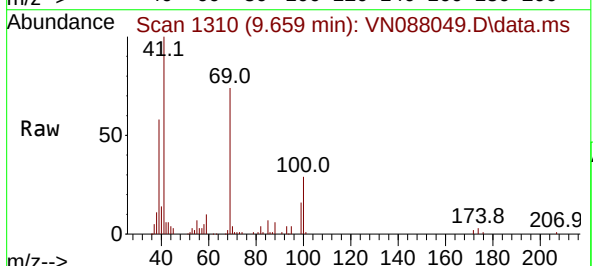
Tgt Ion: 88 Resp: 2167
Ion Ratio Lower Upper
88 100
43 29.7 18.6 27.8
58 75.3 57.4 86.2

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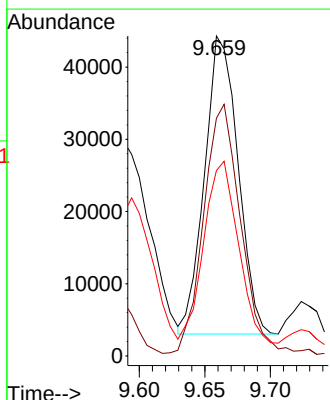
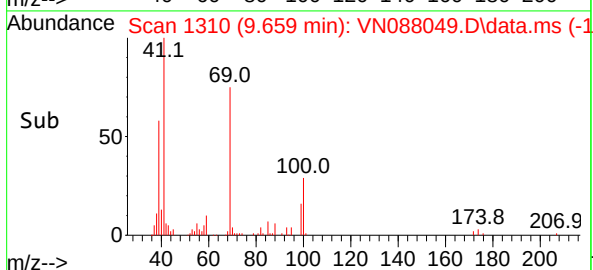
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

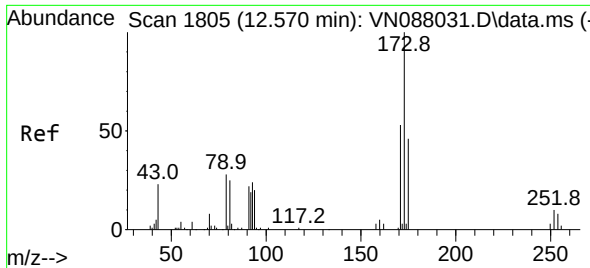


#46
Methyl methacrylate
Concen: 16.216 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



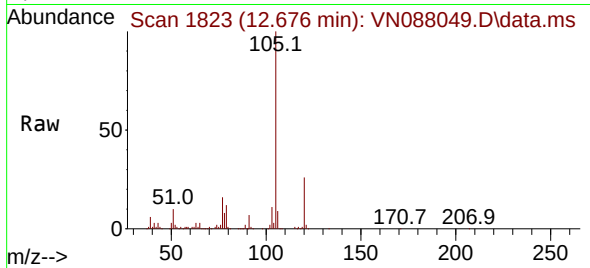
Tgt Ion: 41 Resp: 73257
Ion Ratio Lower Upper
41 100
69 77.8 44.9 134.7
39 57.9 30.3 90.8





#47
n-amy1 Acetate
Concen: 17.673 ug/l m
RT: 12.676 min Scan# 1805
Delta R.T. 0.106 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

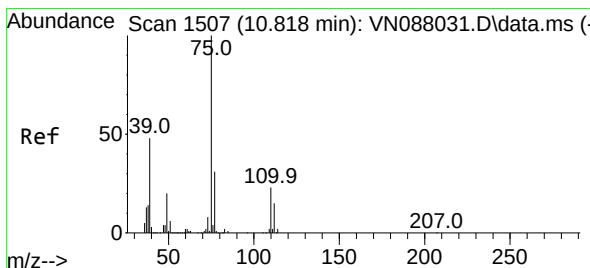
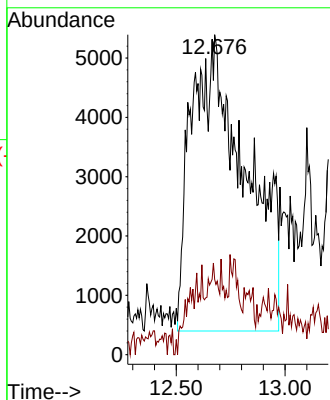
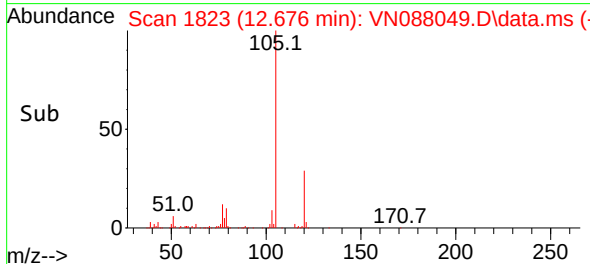
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 43 Resp: 85929
Ion Ratio Lower Upper
43 100
55 1.0 0.6 0.8

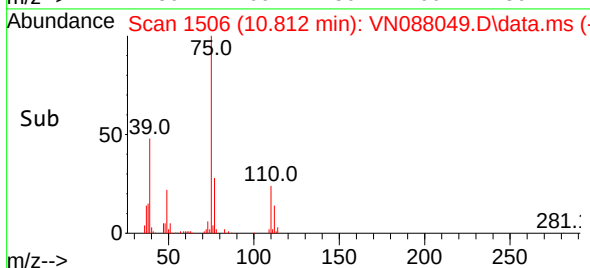
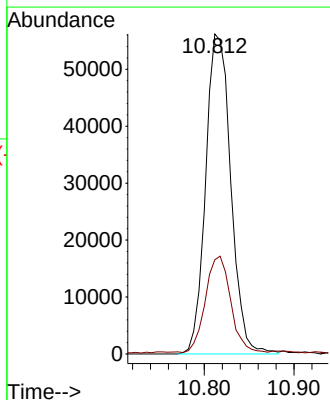
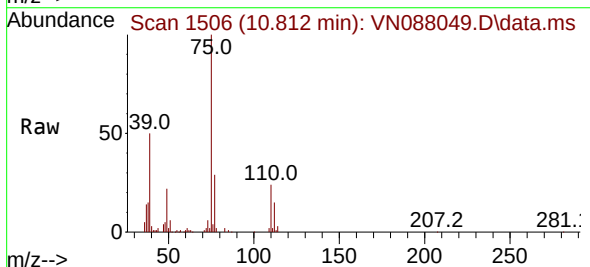
Manual Integrations
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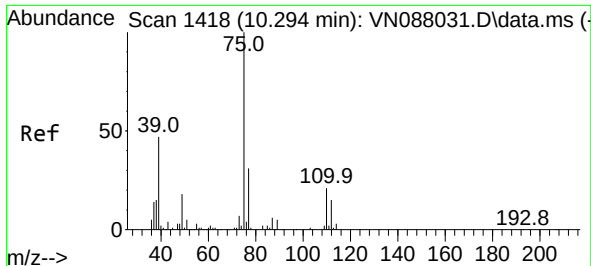
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#48
t-1,3-Dichloropropene
Concen: 17.973 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

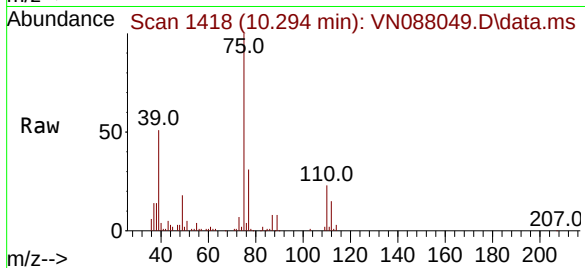
Tgt Ion: 75 Resp: 109470
Ion Ratio Lower Upper
75 100
77 28.8 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 17.862 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

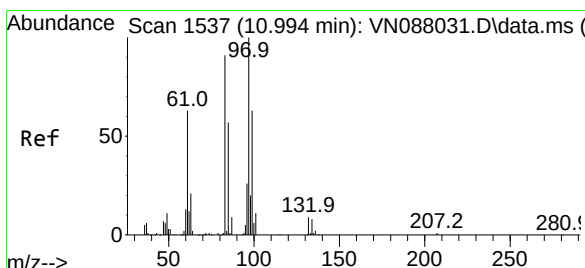
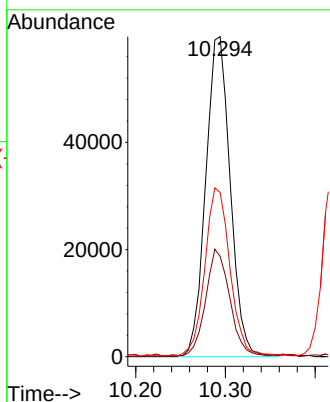
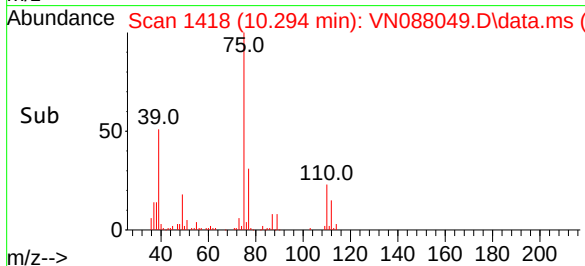
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01



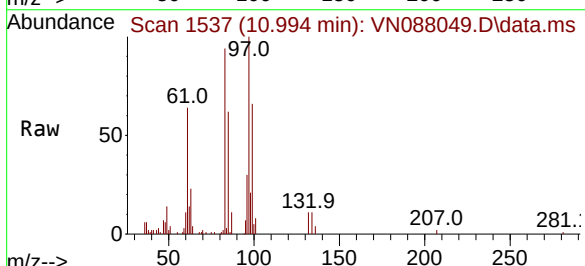
Tgt Ion: 75 Resp: 113490
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.4
 39 51.1 37.4 56.0

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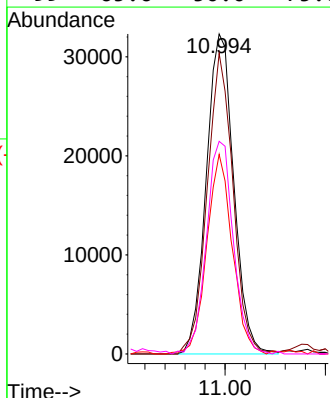
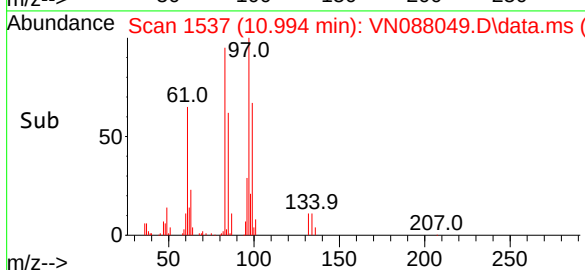
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025

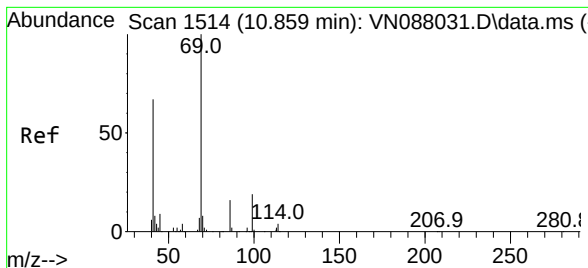


#50
 1,1,2-Trichloroethane
 Concen: 17.324 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50



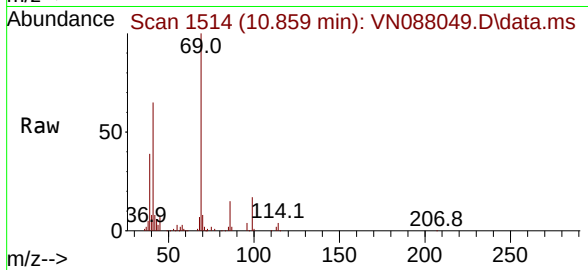
Tgt Ion: 97 Resp: 61531
 Ion Ratio Lower Upper
 97 100
 83 93.9 72.5 108.7
 85 61.8 45.5 68.3
 99 65.6 50.0 75.0





#51
Ethyl methacrylate
Concen: 17.691 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

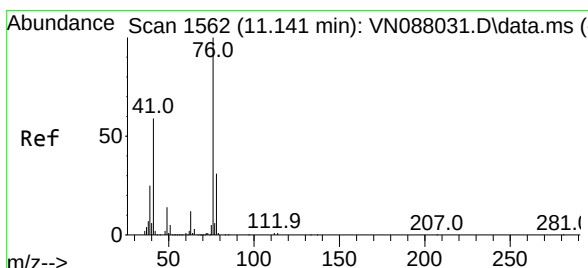
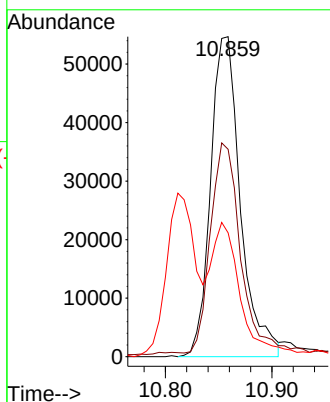
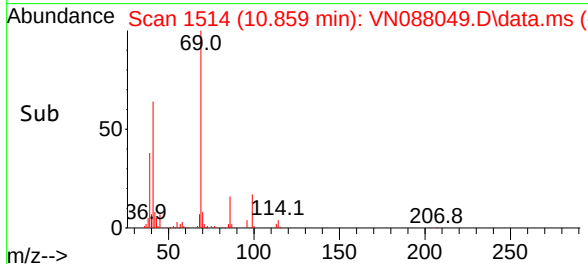
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 69 Resp: 106330
Ion Ratio Lower Upper
69 100
41 63.6 33.3 99.8
39 35.7 20.3 61.0

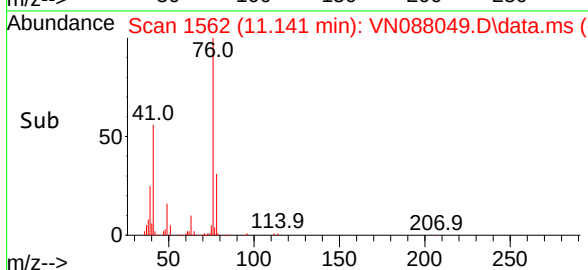
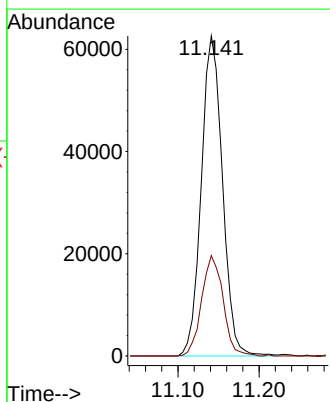
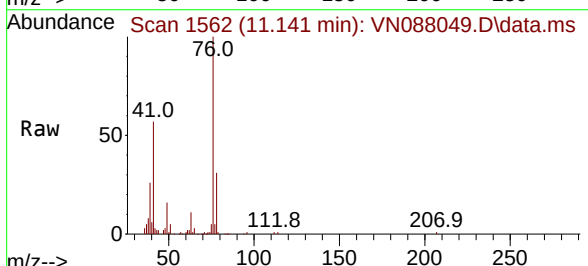
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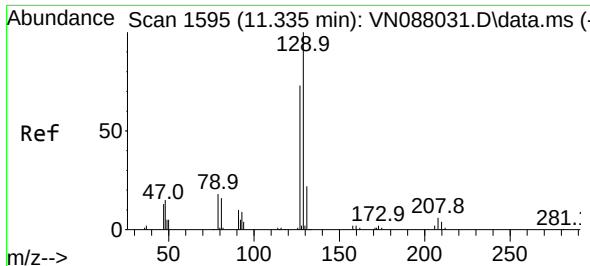
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#52
1,3-Dichloropropane
Concen: 18.330 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

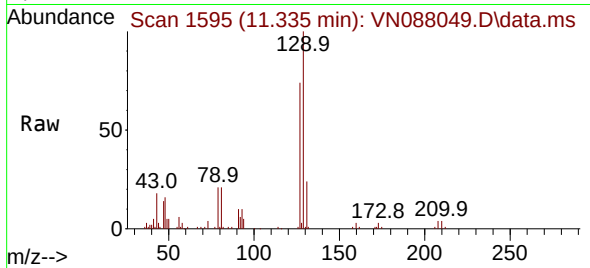
Tgt Ion: 76 Resp: 113583
Ion Ratio Lower Upper
76 100
78 31.7 0.0 65.0





#53
Dibromochloromethane
Concen: 17.147 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

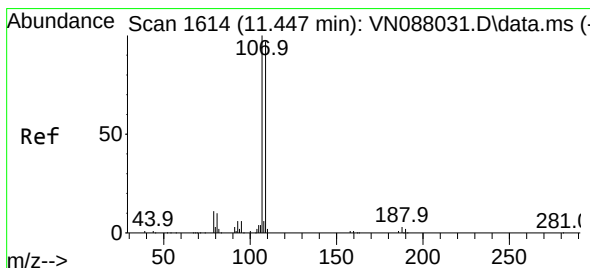
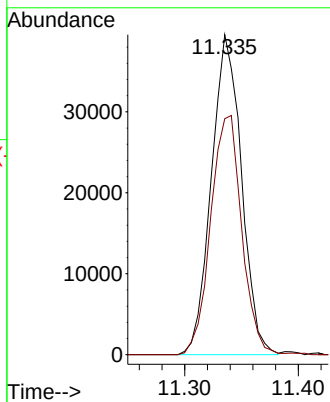
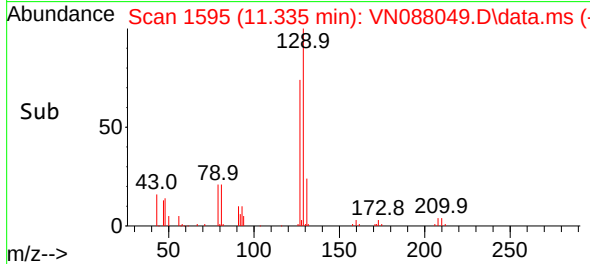
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



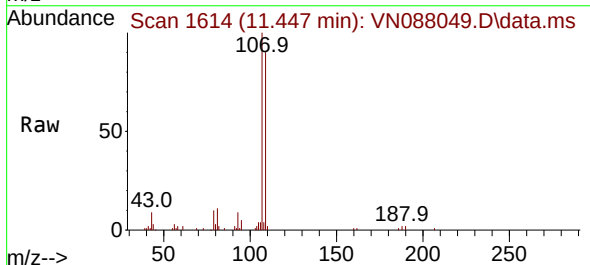
Tgt Ion:129 Resp: 72808
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3

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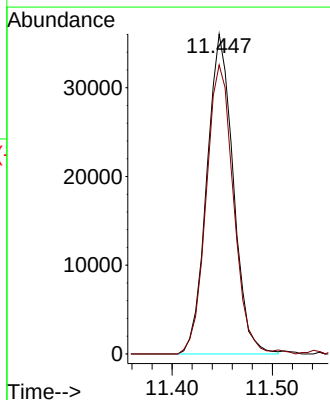
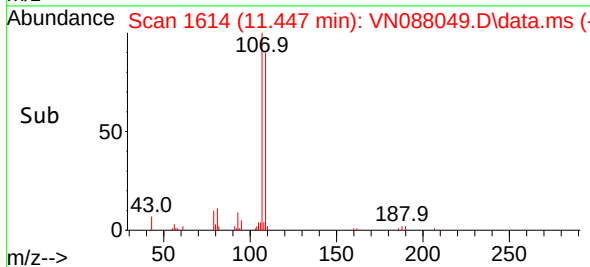
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

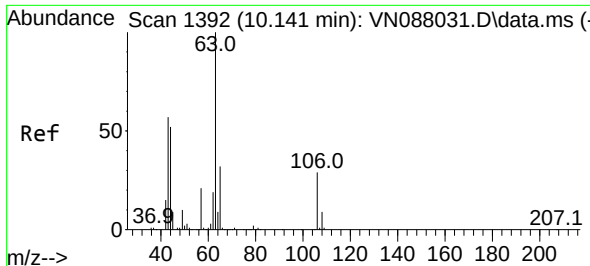


#54
1,2-Dibromoethane
Concen: 17.445 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



Tgt Ion:107 Resp: 66241
Ion Ratio Lower Upper
107 100
109 92.7 75.5 113.3





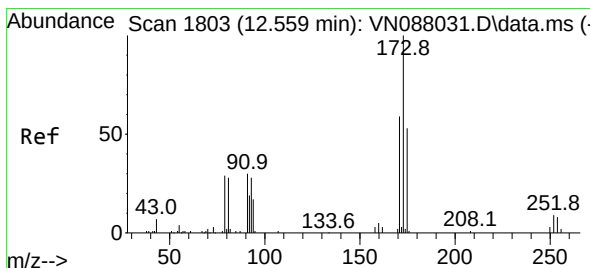
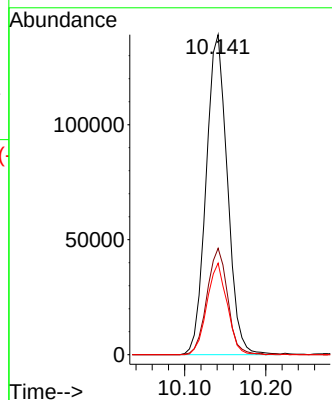
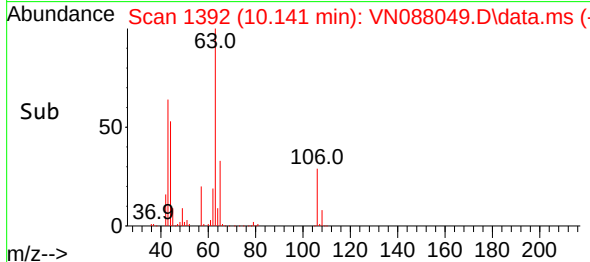
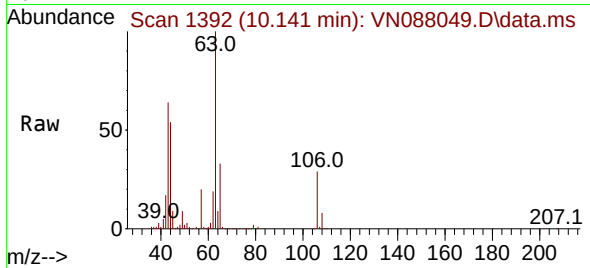
#55
2-Chloroethyl vinyl ether
Concen: 78.149 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 63 Resp: 25355
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 27.1 22.6 34.0

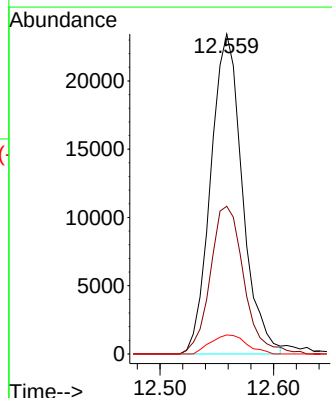
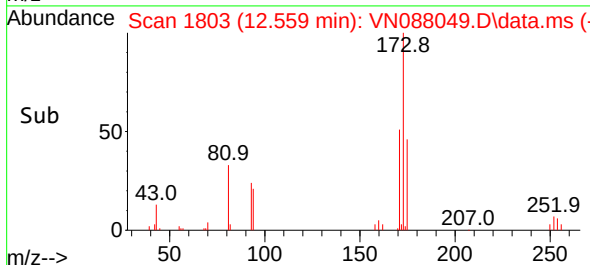
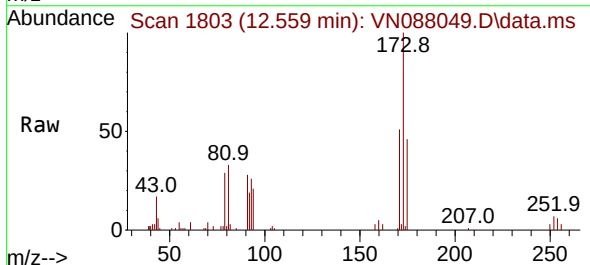
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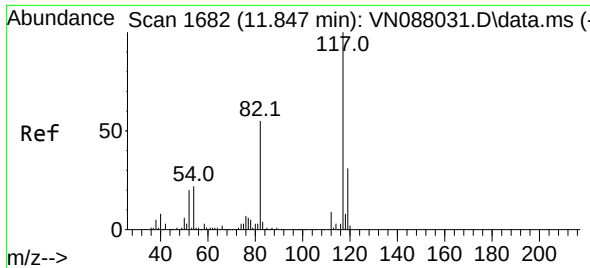
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
Bromoform
Concen: 15.815 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

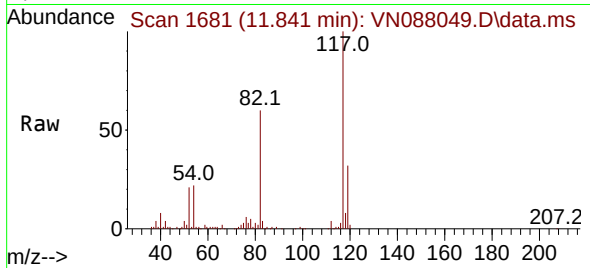
Tgt Ion:173 Resp: 45399
Ion Ratio Lower Upper
173 100
175 49.0 39.6 59.4
254 6.7 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

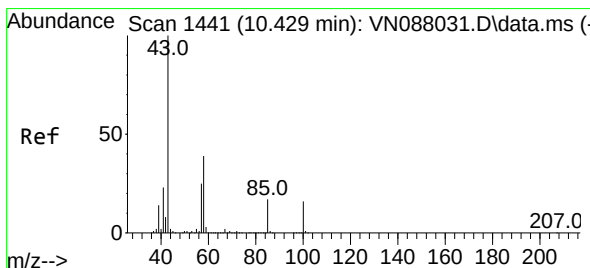
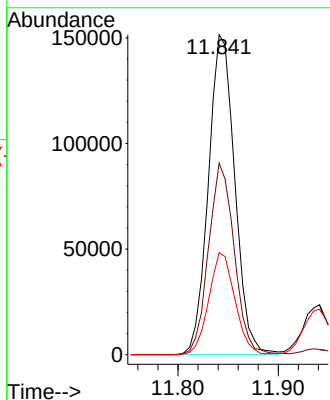
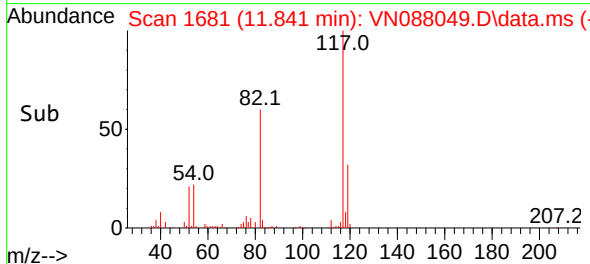
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion:117 Resp: 27739
Ion Ratio Lower Upper
117 100
82 58.4 45.2 67.8
119 31.5 25.9 38.9

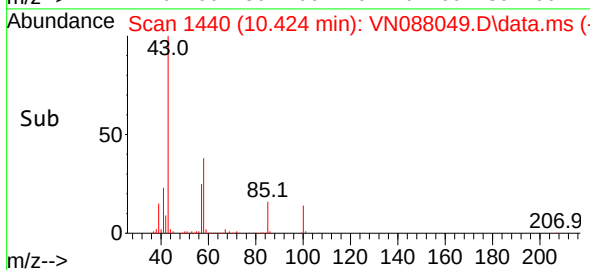
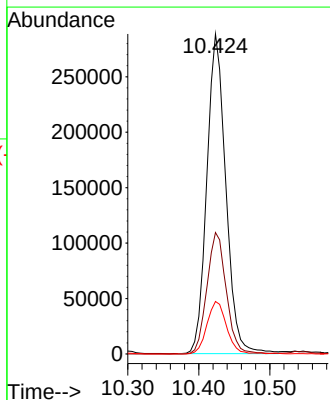
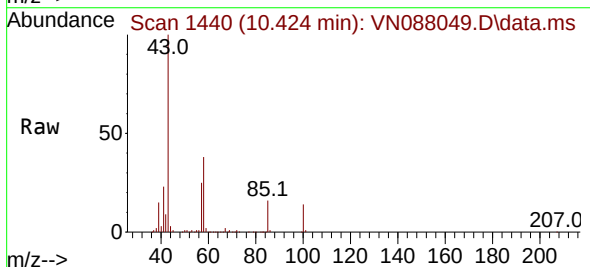
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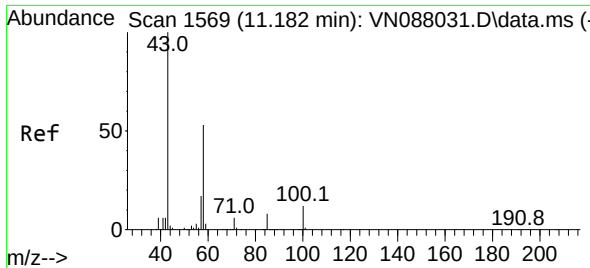
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
4-Methyl-2-Pentanone
Concen: 86.334 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

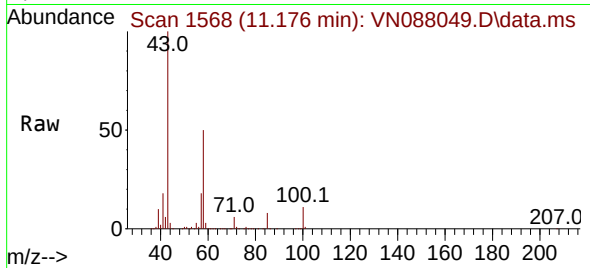
Tgt Ion: 43 Resp: 535667
Ion Ratio Lower Upper
43 100
58 38.8 31.2 46.8
85 16.8 13.7 20.5





#59
2-Hexanone
Concen: 86.136 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

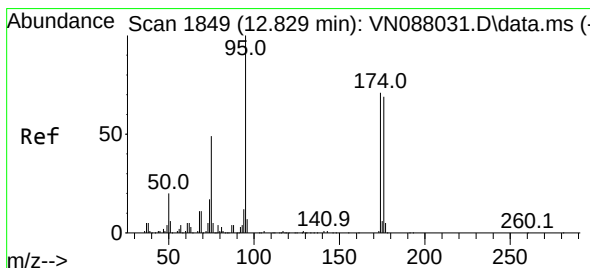
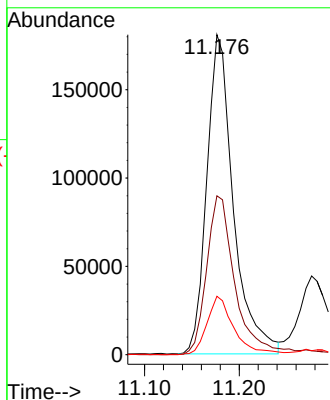
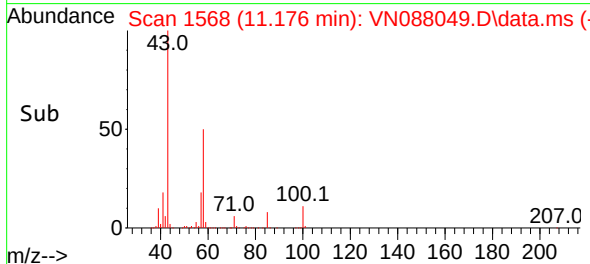
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



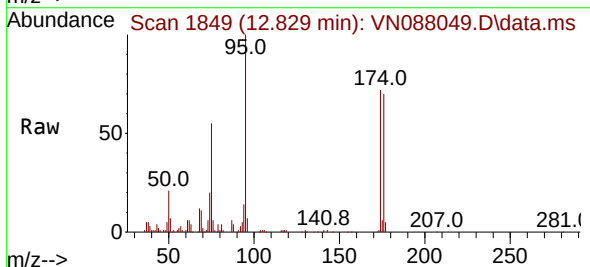
Tgt Ion: 43 Resp: 352854
Ion Ratio Lower Upper
43 100
58 52.6 43.1 64.7
57 18.6 14.6 21.8

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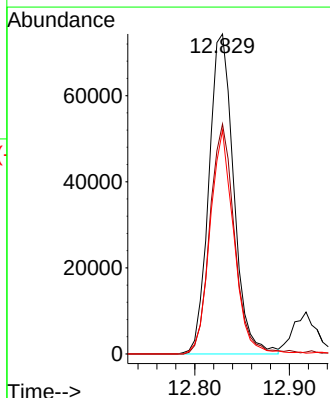
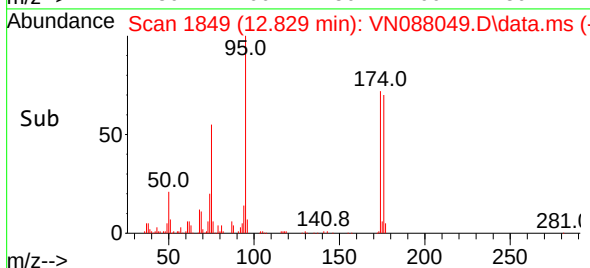
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

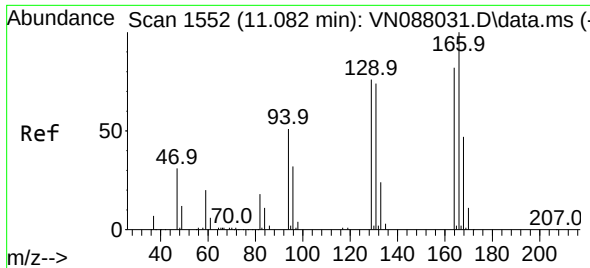


#60
4-Bromofluorobenzene
Concen: 29.664 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



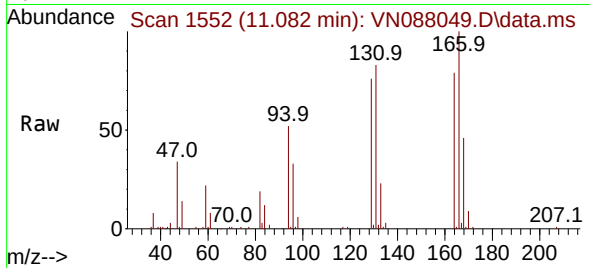
Tgt Ion: 95 Resp: 135651
Ion Ratio Lower Upper
95 100
174 70.4 57.4 86.0
176 66.5 57.0 85.4





#61
Tetrachloroethene
Concen: 18.054 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

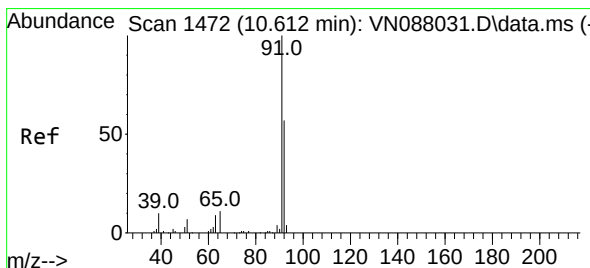
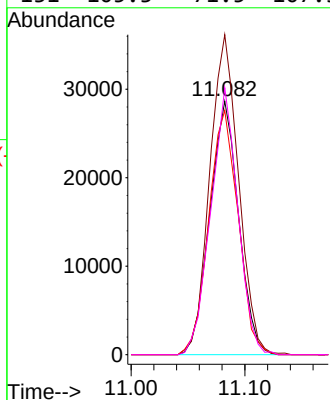
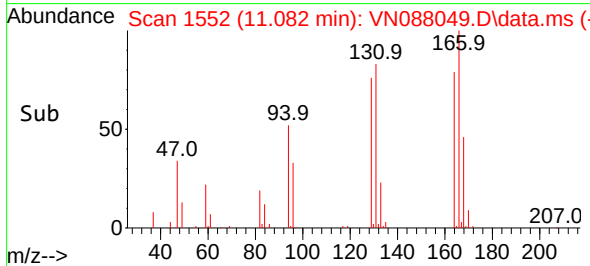
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



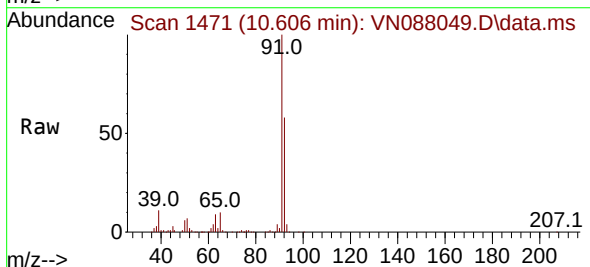
Tgt Ion:164 Resp: 5071
Ion Ratio Lower Upper
164 100
166 126.2 97.2 145.8
129 96.4 73.7 110.5
131 105.3 71.5 107.3

Manual Integrations
APPROVED

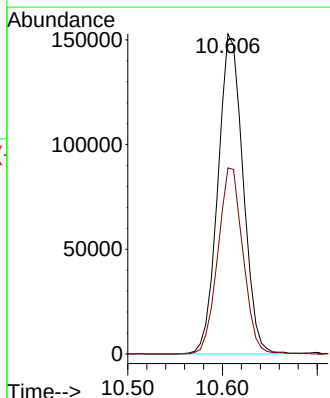
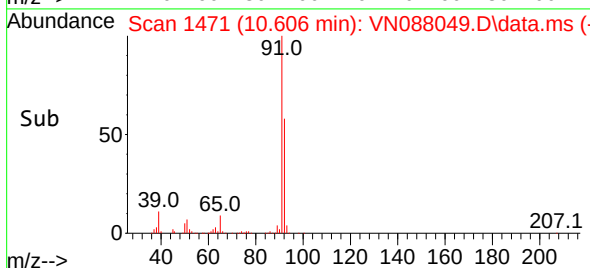
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

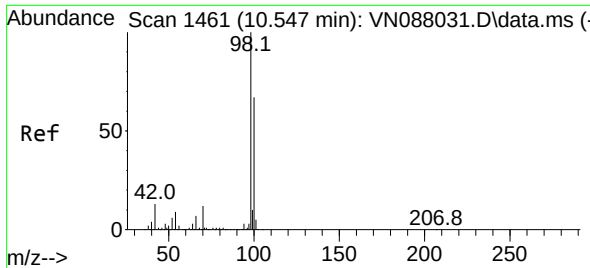


#62
Toluene
Concen: 17.872 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



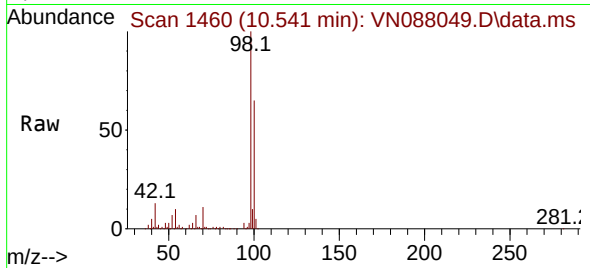
Tgt Ion: 91 Resp: 281208
Ion Ratio Lower Upper
91 100
92 58.3 45.8 68.8





#63
Toluene-d8
Concen: 30.362 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

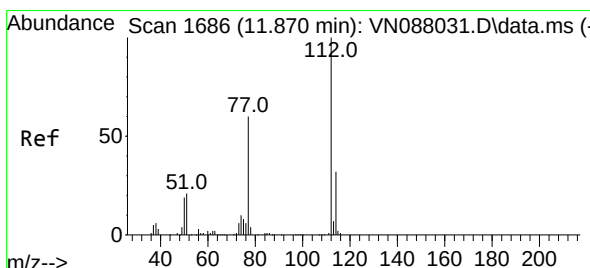
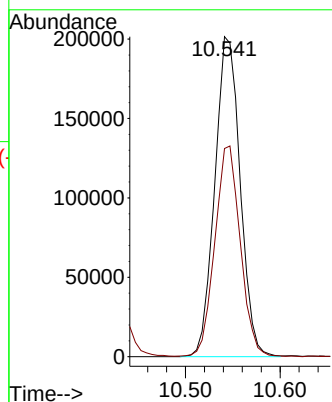
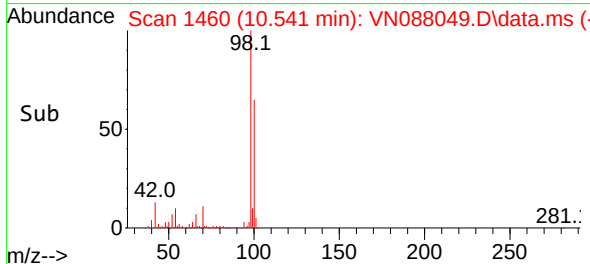
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 98 Resp: 37524
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7

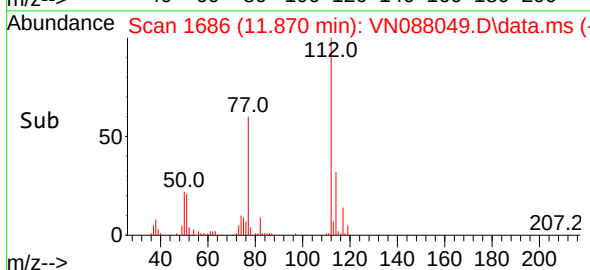
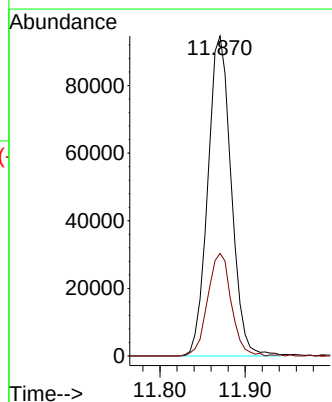
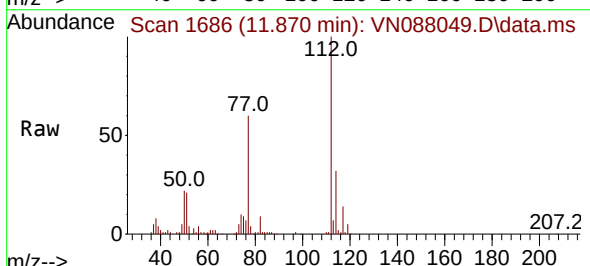
Manual Integrations
APPROVED

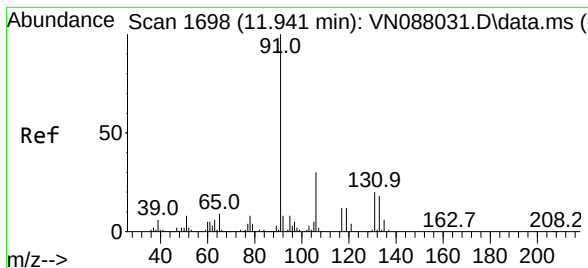
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
Chlorobenzene
Concen: 17.968 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

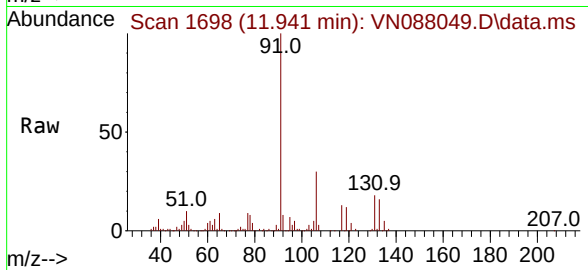
Tgt Ion:112 Resp: 180584
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 17.625 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

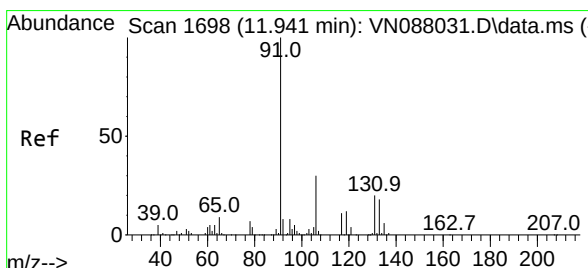
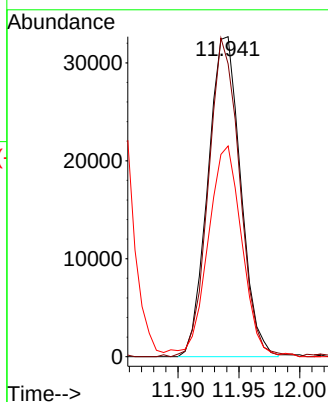
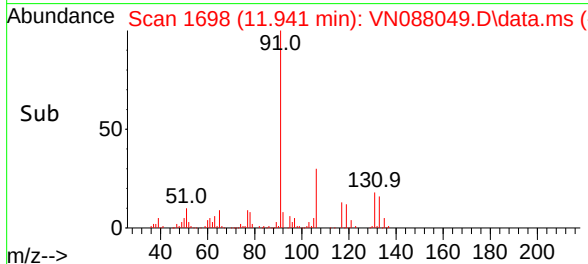
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion:131 Resp: 61044
Ion Ratio Lower Upper
131 100
133 95.0 0.0 183.8
119 67.0 0.0 132.0

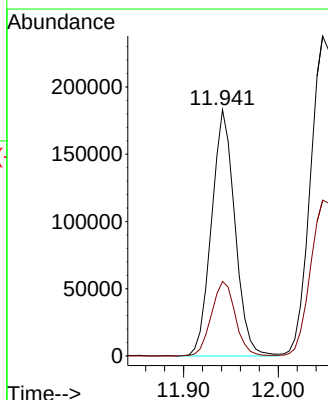
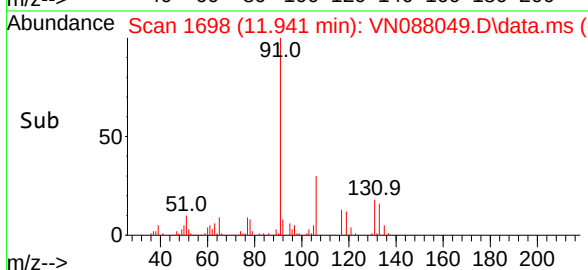
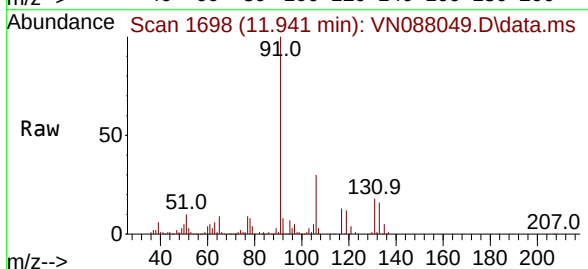
Manual Integrations
APPROVED

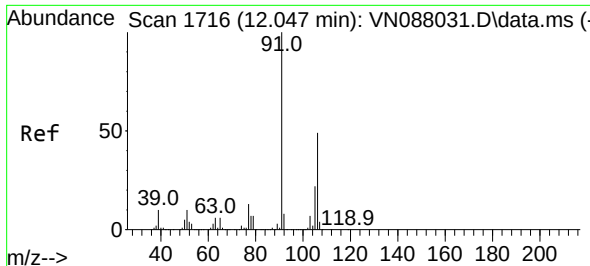
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Ethyl Benzene
Concen: 18.362 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion: 91 Resp: 314166
Ion Ratio Lower Upper
91 100
106 30.3 24.0 36.0





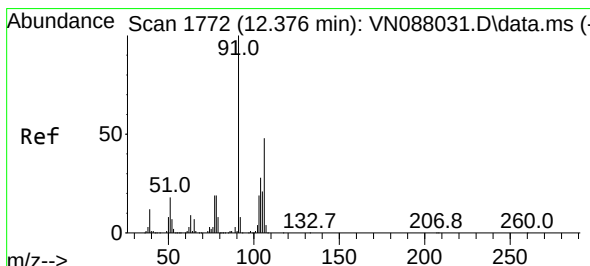
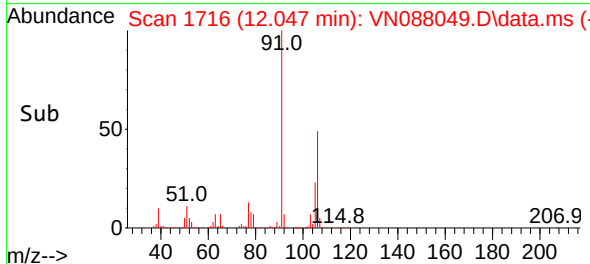
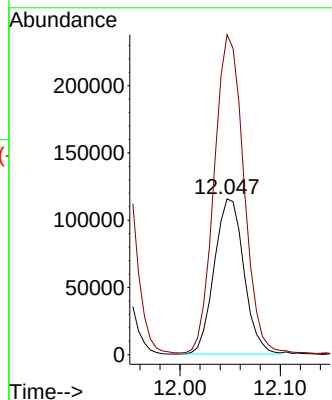
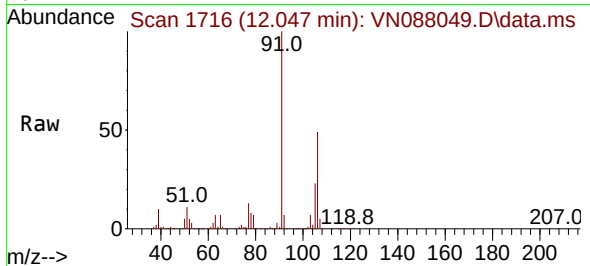
#67
m/p-Xylenes
Concen: 35.854 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:106 Resp: 236480
Ion Ratio Lower Upper
106 100
91 208.3 161.4 242.0

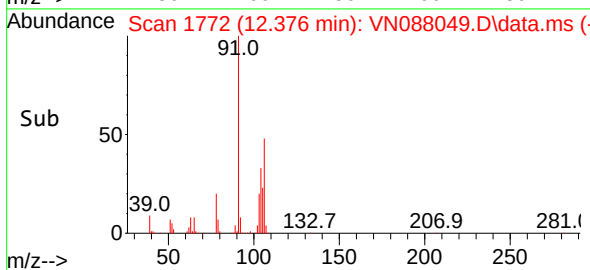
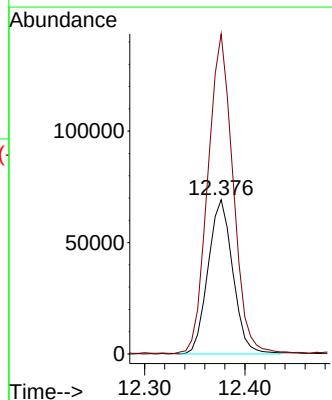
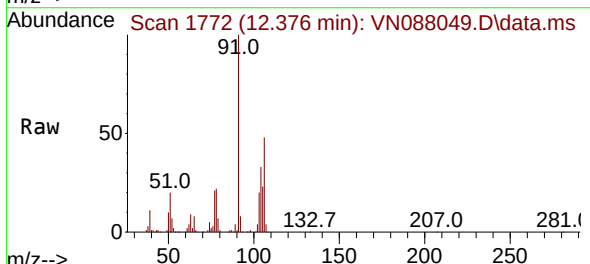
Manual Integrations
APPROVED

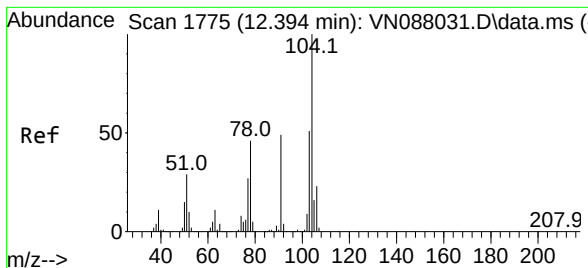
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#68
o-Xylene
Concen: 18.112 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion:106 Resp: 118924
Ion Ratio Lower Upper
106 100
91 210.8 105.2 315.6





#69

Styrene

Concen: 17.541 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088049.D

Acq: 09 Oct 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

Tgt Ion:104 Resp: 190528

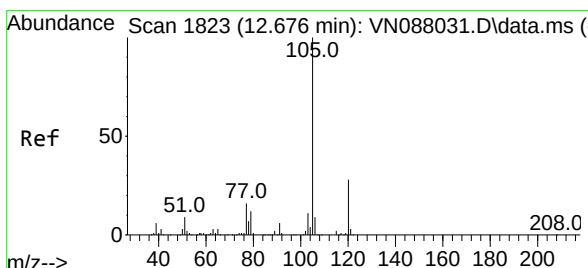
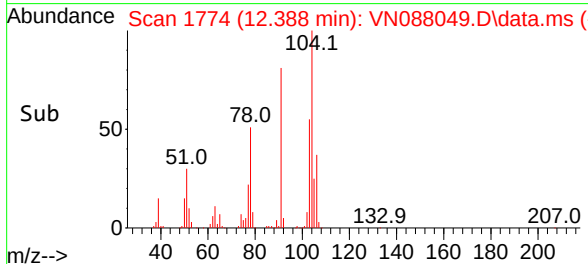
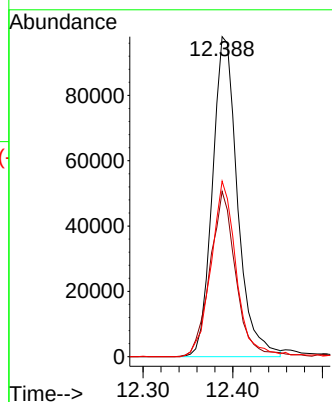
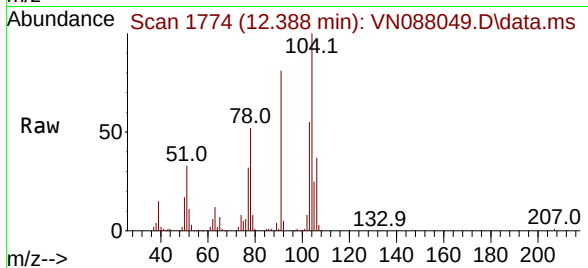
Ion	Ratio	Lower	Upper
104	100		
78	53.2	41.8	62.6
103	54.8	44.9	67.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#70

Isopropylbenzene

Concen: 18.138 ug/l

RT: 12.670 min Scan# 1822

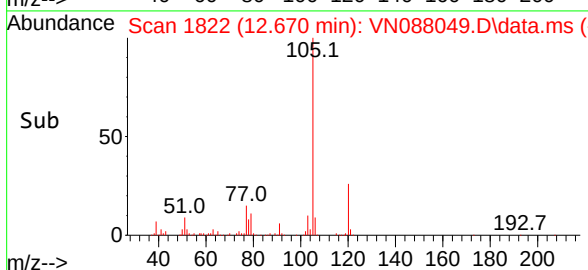
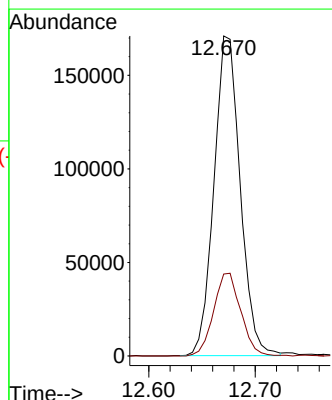
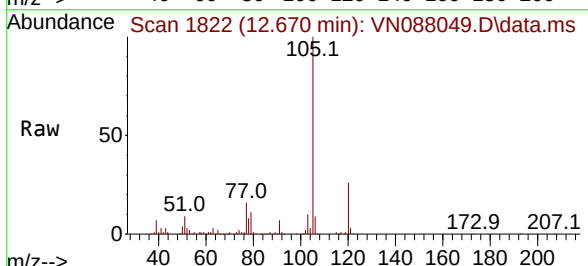
Delta R.T. -0.006 min

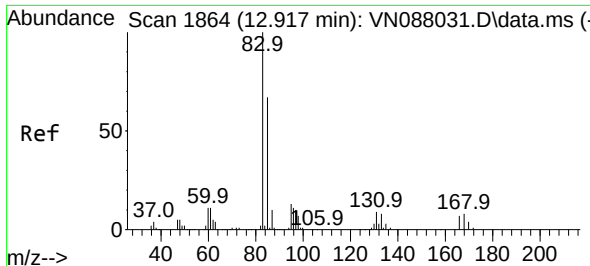
Lab File: VN088049.D

Acq: 09 Oct 2025 09:50

Tgt Ion:105 Resp: 291885

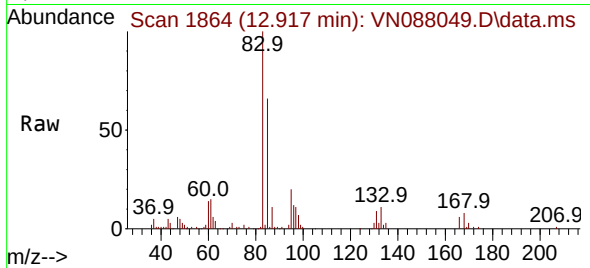
Ion	Ratio	Lower	Upper
105	100		
120	26.7	19.1	35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 17.202 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

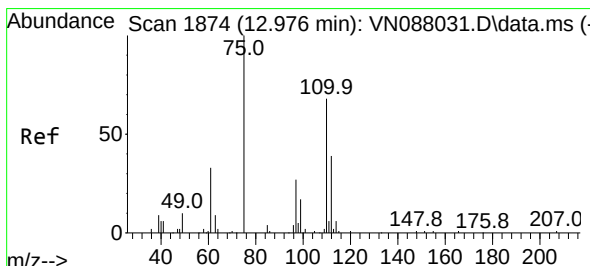
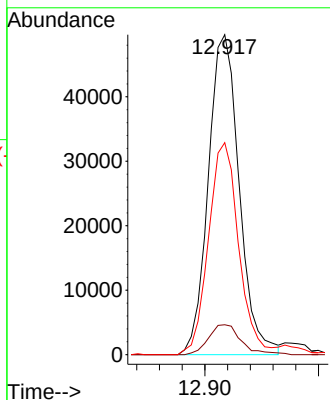
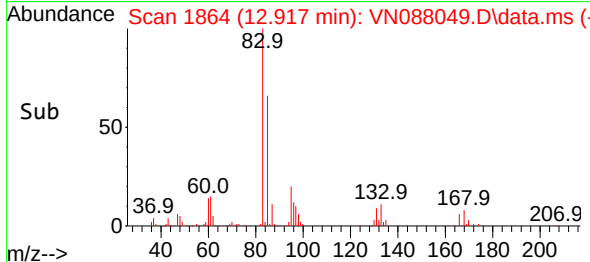
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



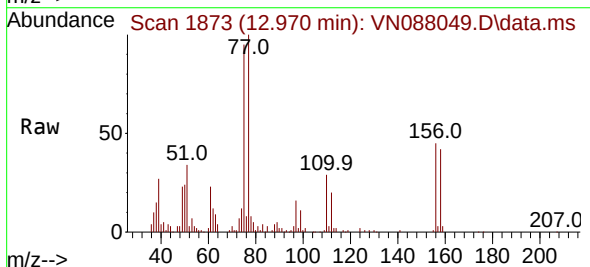
Tgt Ion: 83 Resp: 9385
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 64.5 32.4 97.2

Manual Integrations
APPROVED

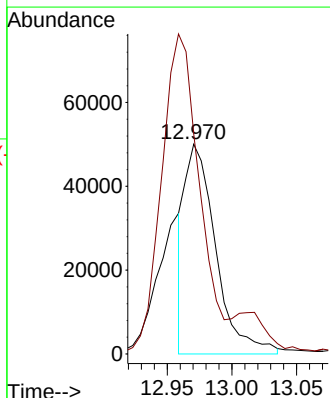
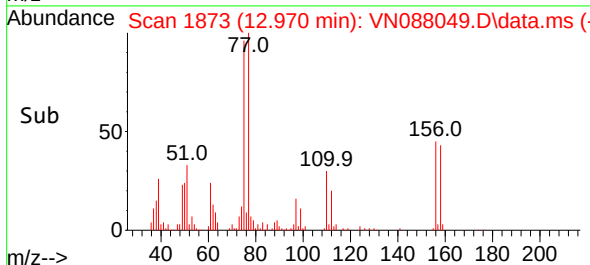
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

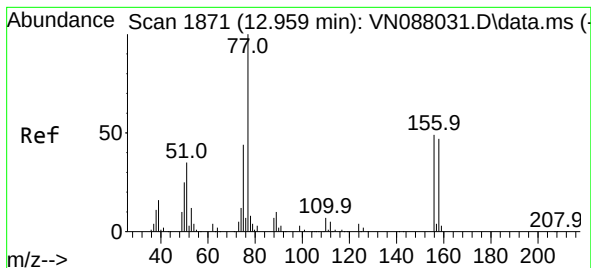


#72
1,2,3-Trichloropropane
Concen: 16.436 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



Tgt Ion: 75 Resp: 83281
Ion Ratio Lower Upper
75 100
77 185.2 0.0 364.0





#73

Bromobenzene

Concen: 17.719 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088049.D

Acq: 09 Oct 2025 09:50

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

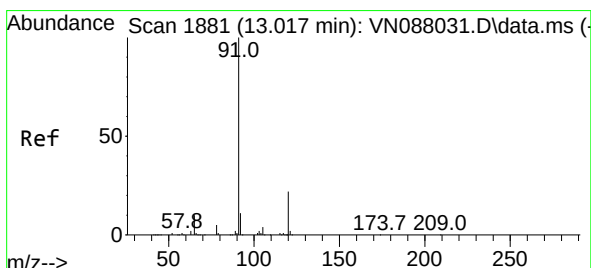
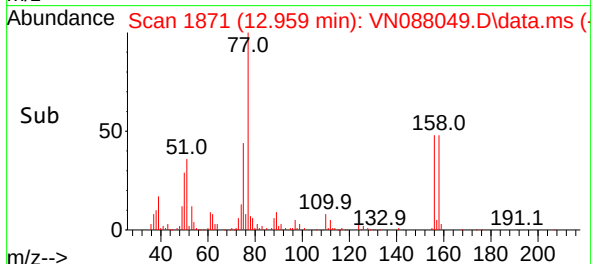
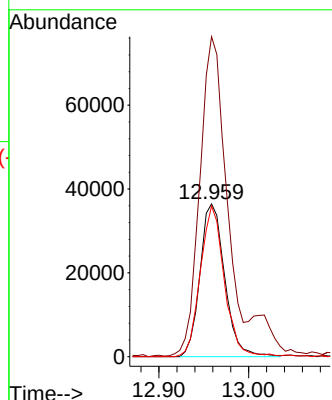
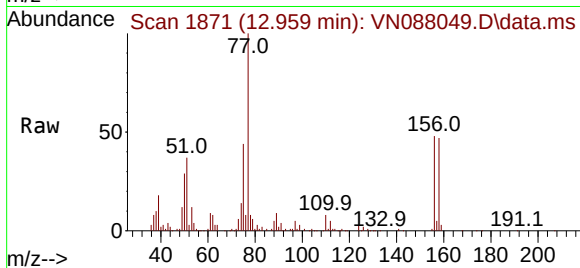
Tgt Ion:	156	Resp:	6969
Ion Ratio	Lower	Upper	
156	100		
77	221.3	0.0	439.8
158	95.5	0.0	190.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2025

Supervised By :Mahesh Dadoda 10/10/2025



#74

n-propylbenzene

Concen: 18.279 ug/l

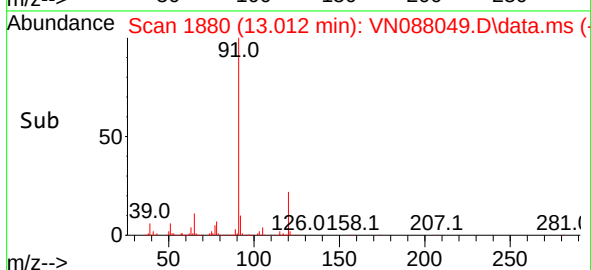
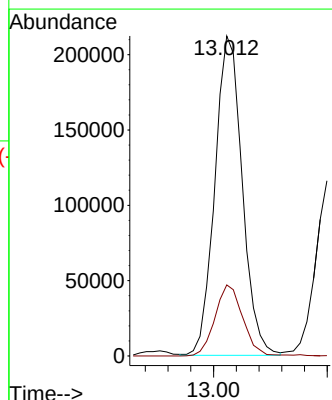
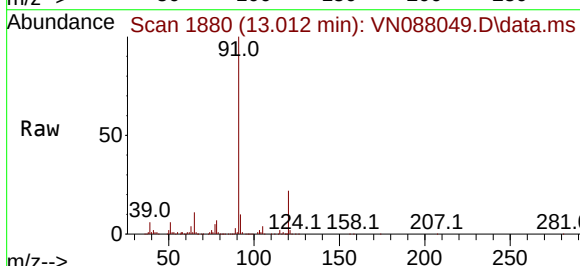
RT: 13.012 min Scan# 1880

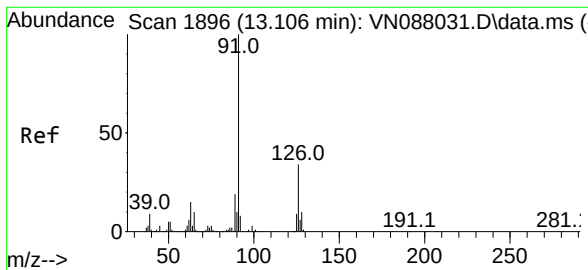
Delta R.T. -0.006 min

Lab File: VN088049.D

Acq: 09 Oct 2025 09:50

Tgt Ion:	91	Resp:	355095
Ion Ratio	Lower	Upper	
91	100		
120	22.4	0.0	46.2





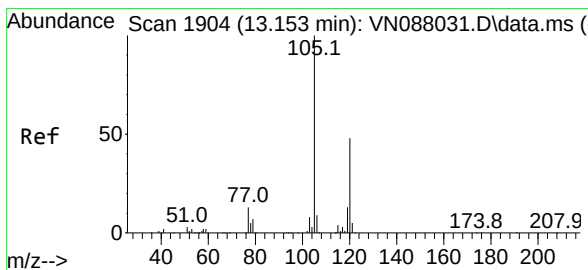
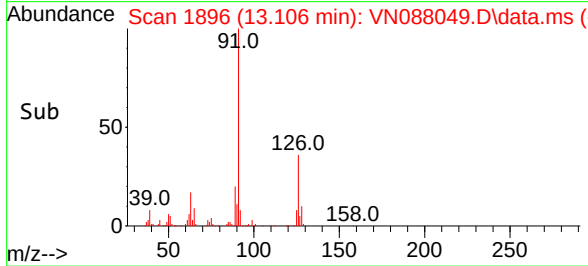
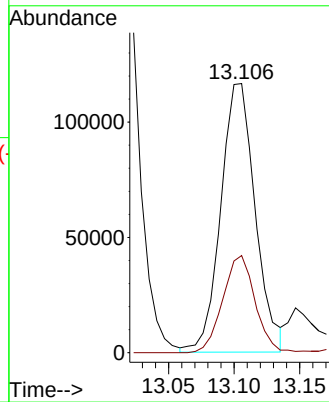
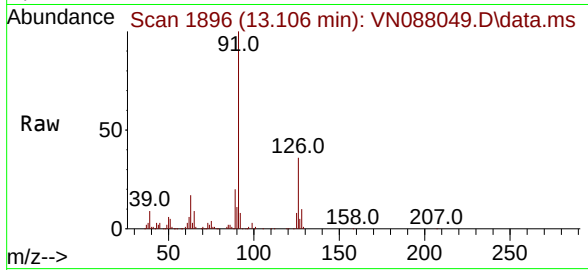
#75
2-Chlorotoluene
Concen: 17.947 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 91 Resp: 21318
Ion Ratio Lower Upper
91 100
126 33.9 0.0 66.6

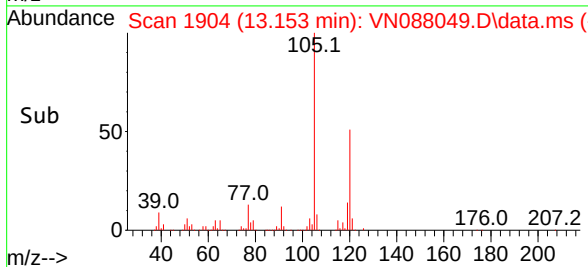
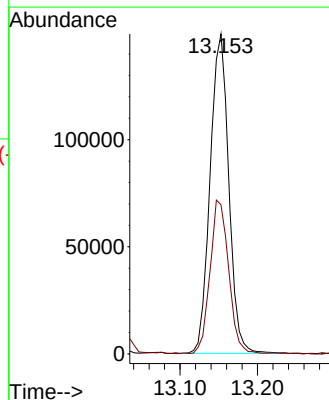
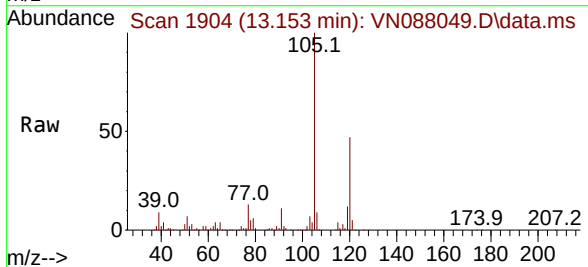
Manual Integrations
APPROVED

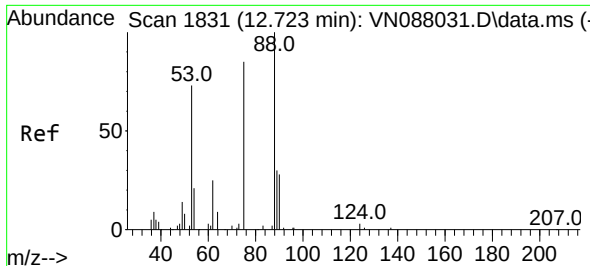
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.225 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

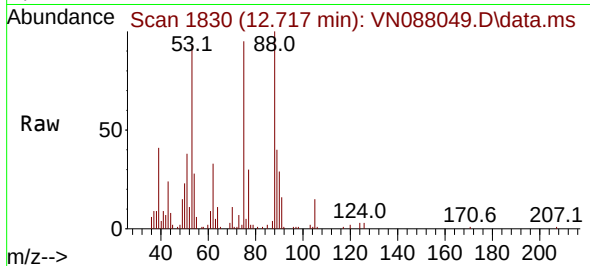
Tgt Ion:105 Resp: 249136
Ion Ratio Lower Upper
105 100
120 48.2 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 15.706 ug/l
RT: 12.717 min Scan# 1831
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

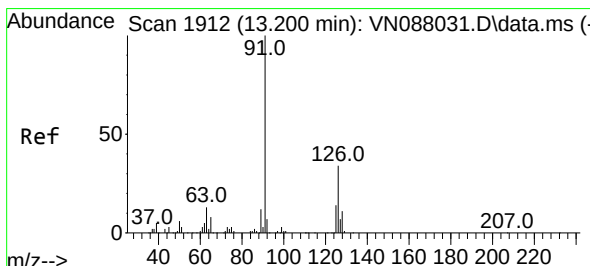
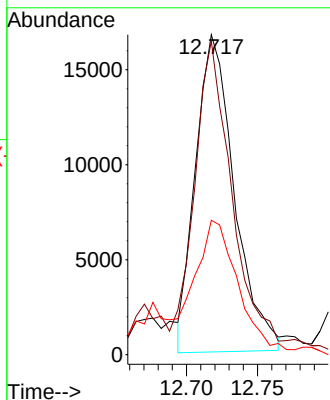
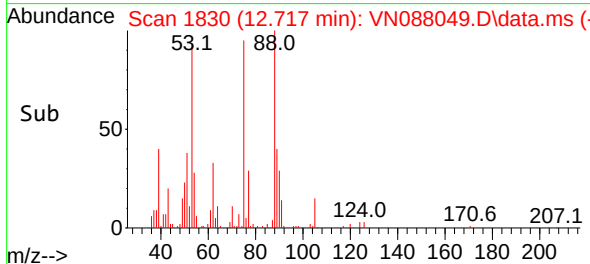
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 75 Resp: 31710
Ion Ratio Lower Upper
75 100
53 99.2 41.8 125.3
89 40.8 19.9 59.6

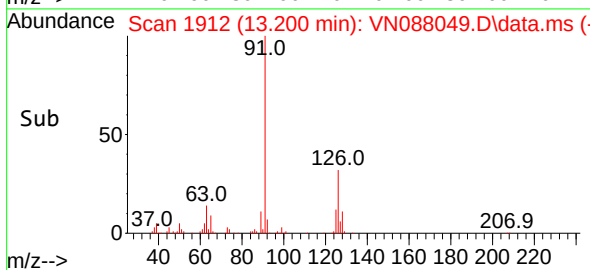
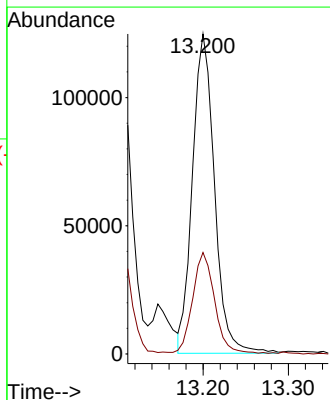
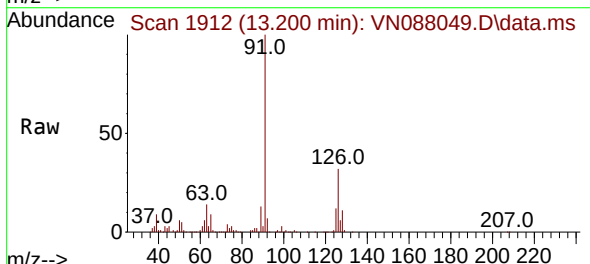
Manual Integrations
APPROVED

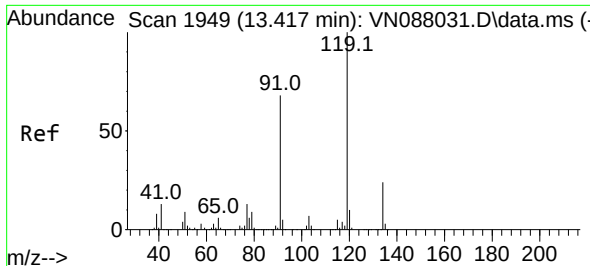
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#78
4-Chlorotoluene
Concen: 18.543 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion: 91 Resp: 223780
Ion Ratio Lower Upper
91 100
126 32.1 0.0 68.8





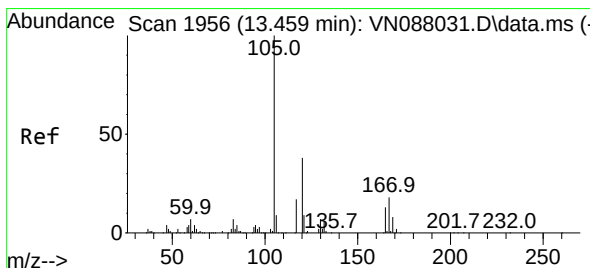
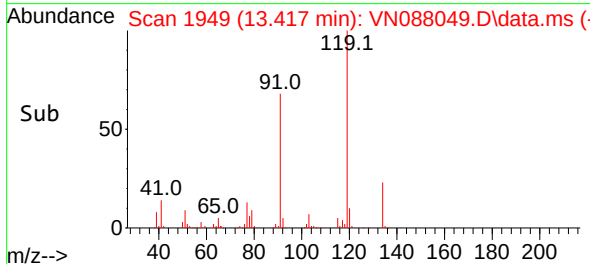
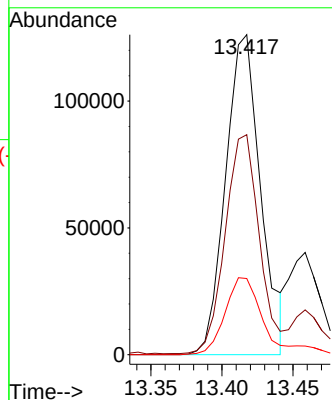
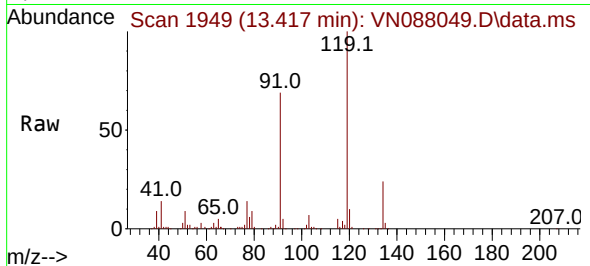
#79
tert-butylbenzene
Concen: 18.292 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:119 Resp: 216762
Ion Ratio Lower Upper
119 100
91 66.4 0.0 132.4
134 24.7 0.0 48.6

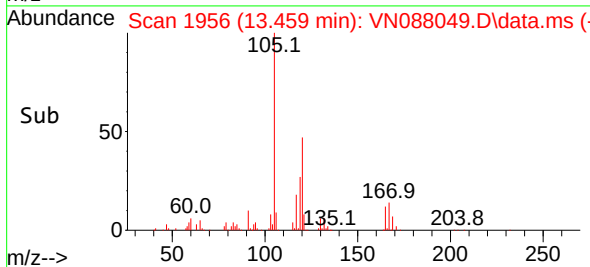
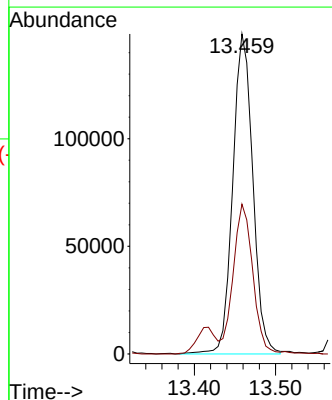
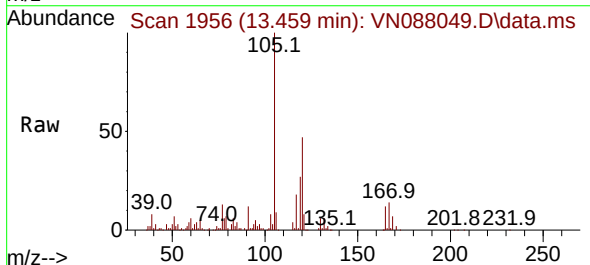
Manual Integrations
APPROVED

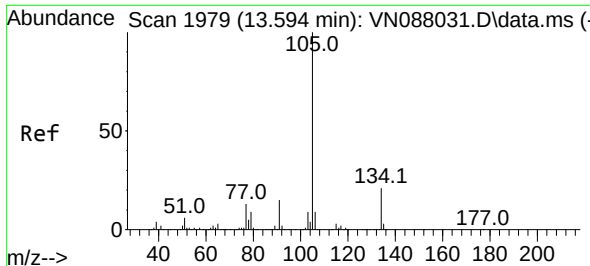
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.598 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion:105 Resp: 254506
Ion Ratio Lower Upper
105 100
120 45.4 0.0 93.8





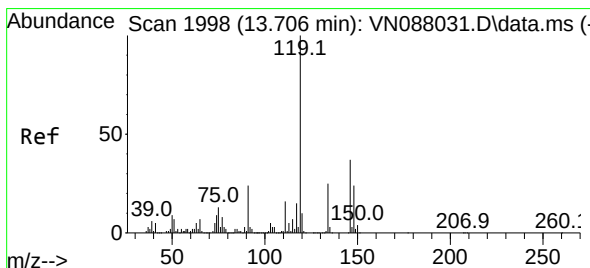
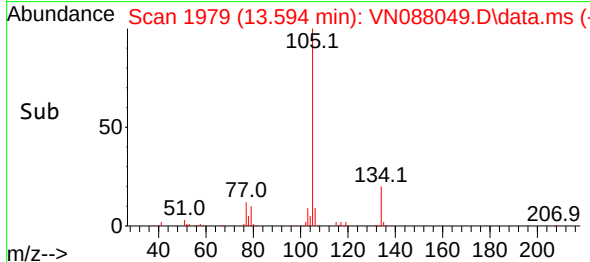
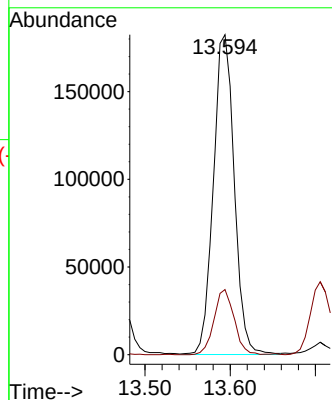
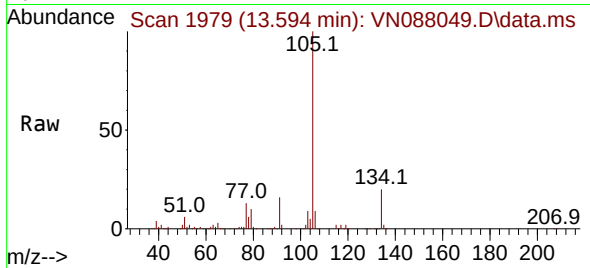
#81
 sec-Butylbenzene
 Concen: 18.639 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tgt Ion:105 Resp: 310550
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 41.2

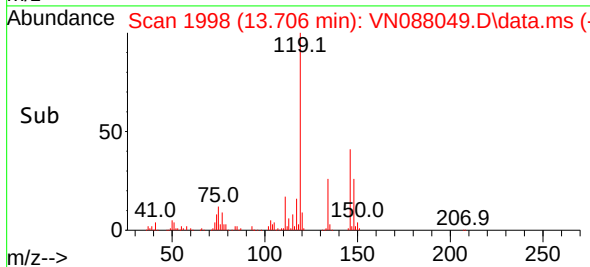
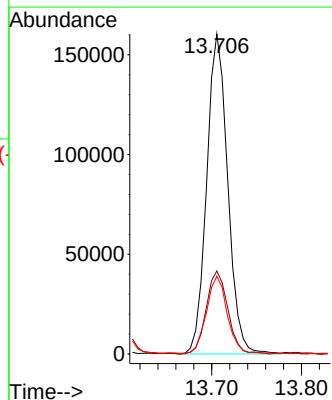
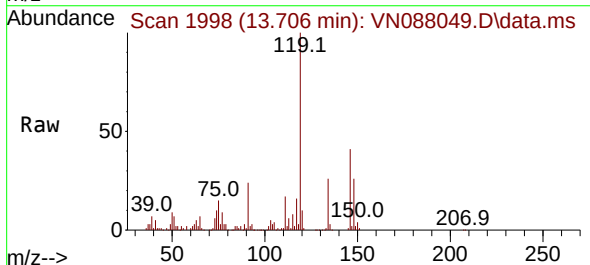
Manual Integrations
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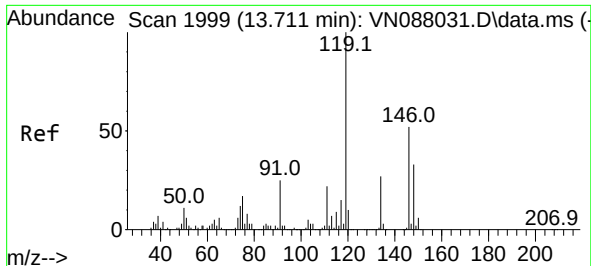
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#82
 p-Isopropyltoluene
 Concen: 18.391 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

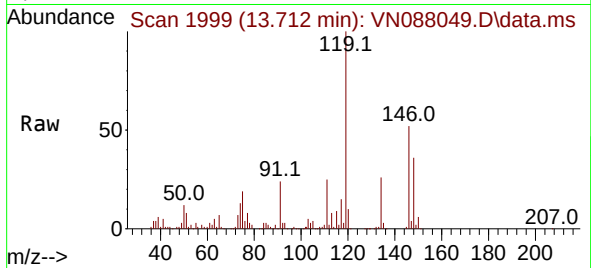
Tgt Ion:119 Resp: 261605
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 52.6
 91 23.9 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 17.827 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

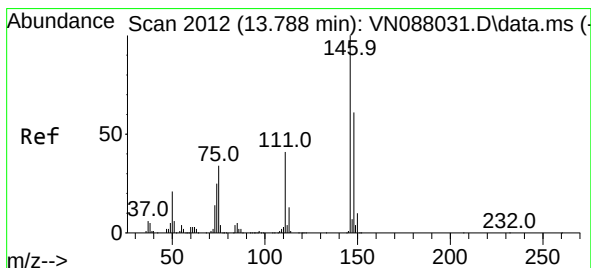
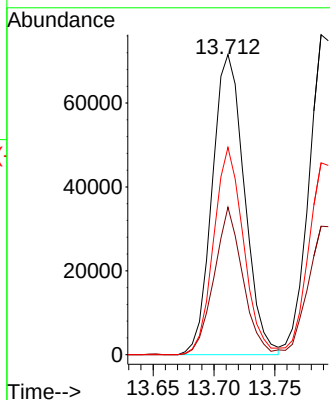
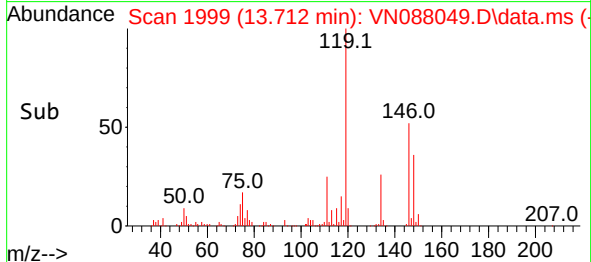
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



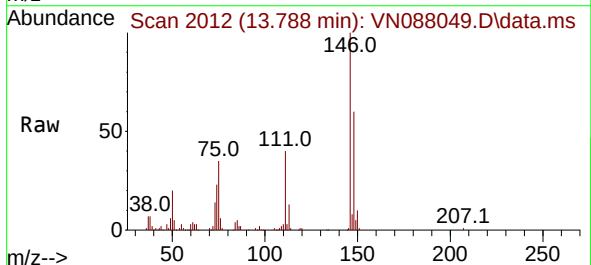
Tgt Ion:146 Resp: 131920
Ion Ratio Lower Upper
146 100
111 43.5 21.1 63.1
148 63.7 31.5 94.5

Manual Integrations
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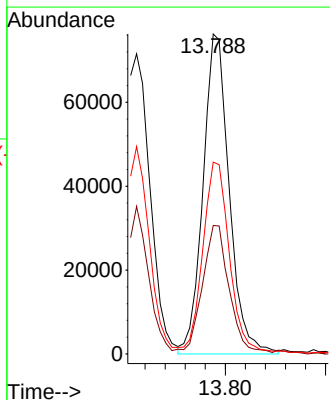
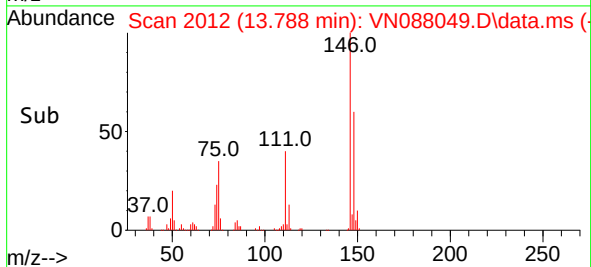
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

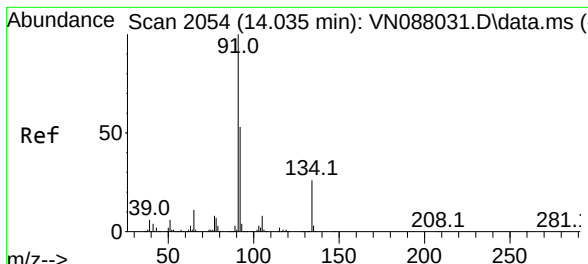


#84
1,4-Dichlorobenzene
Concen: 18.141 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



Tgt Ion:146 Resp: 138453
Ion Ratio Lower Upper
146 100
111 41.4 20.5 61.6
148 61.3 31.9 95.9





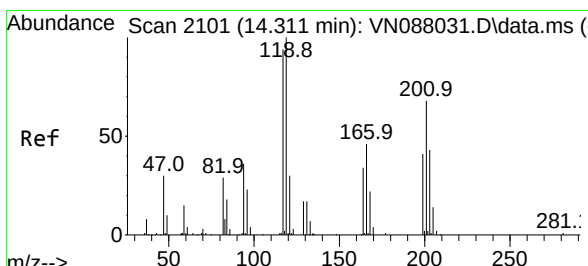
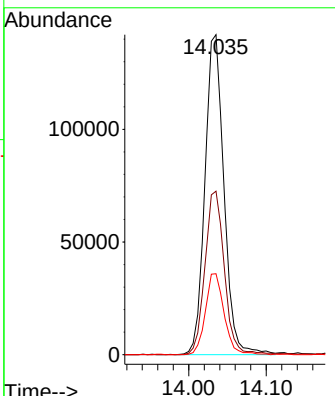
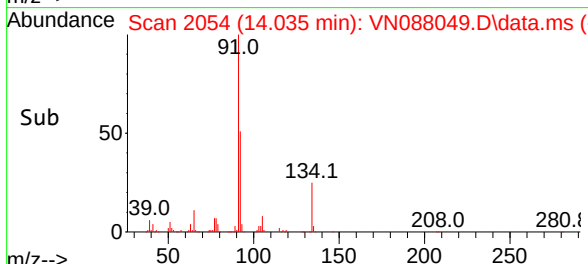
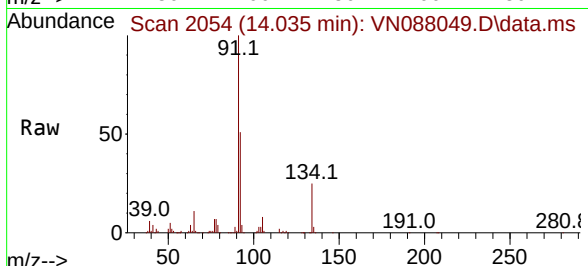
#85
 n-Butylbenzene
 Concen: 18.328 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

Instrument : MSVOA_N
 ClientSampleId : VN1009WBS01

Tgt Ion: 91	Resp: 24256
Ion Ratio	Lower Upper
91	100
92	51.4 0.0 107.6
134	24.5 0.0 52.6

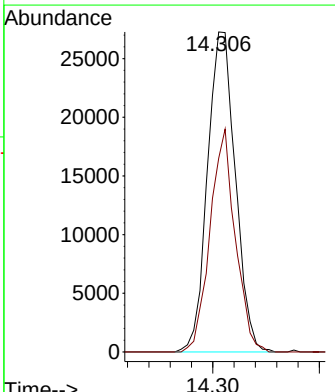
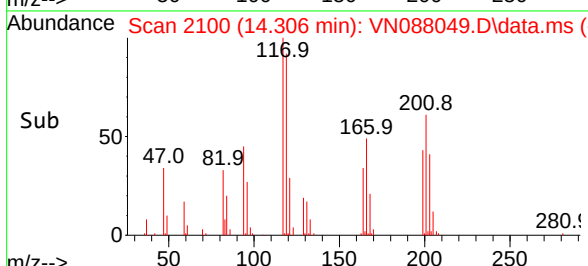
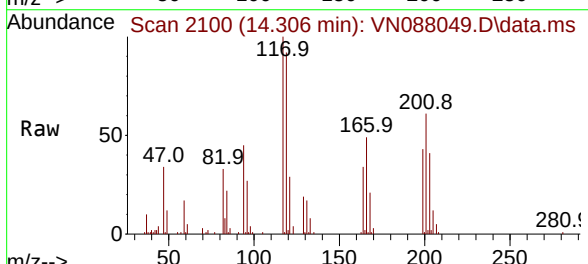
Manual Integrations
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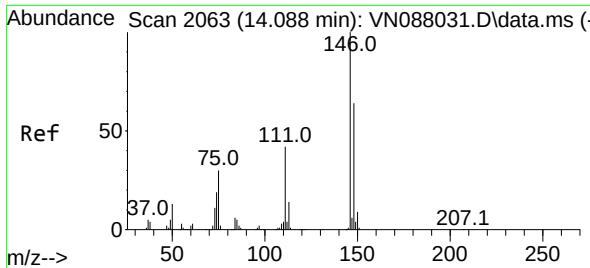
Reviewed By :John Carlone 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#86
 Hexachloroethane
 Concen: 17.391 ug/l
 RT: 14.306 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: VN088049.D
 Acq: 09 Oct 2025 09:50

Tgt Ion:117	Resp: 49559
Ion Ratio	Lower Upper
117	100
201	63.0 34.8 104.3





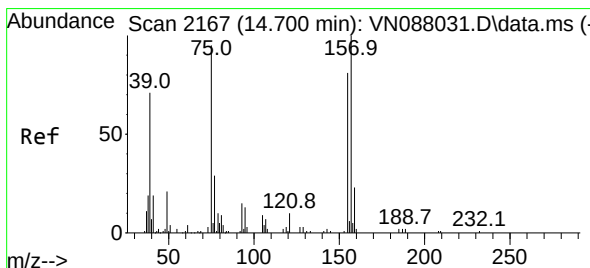
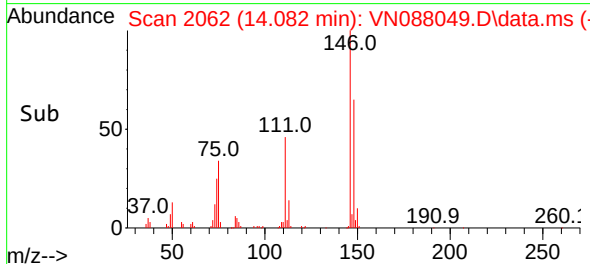
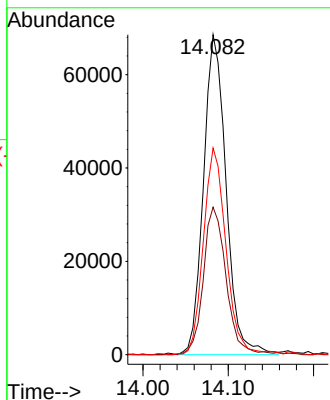
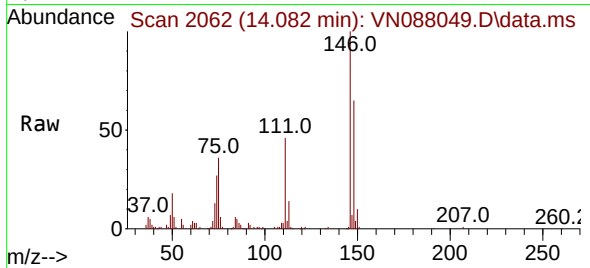
#87
1,2-Dichlorobenzene
Concen: 17.361 ug/l
RT: 14.082 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:146 Resp: 126369
Ion Ratio Lower Upper
146 100
111 46.0 22.3 66.8
148 64.2 31.4 94.3

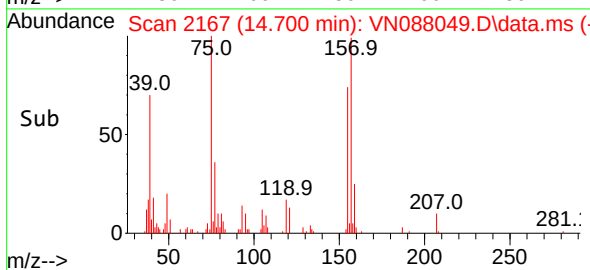
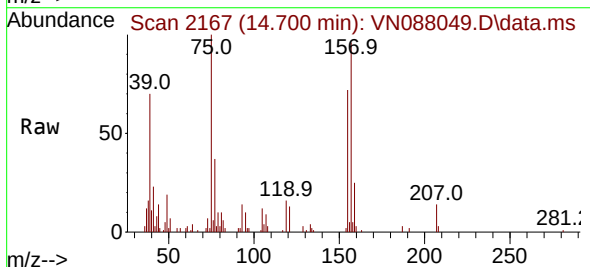
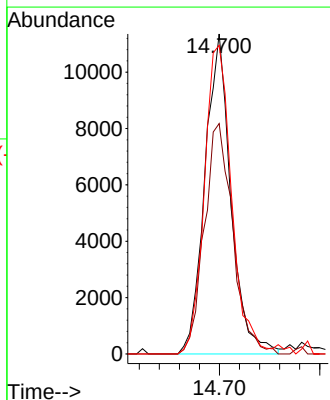
Manual Integrations
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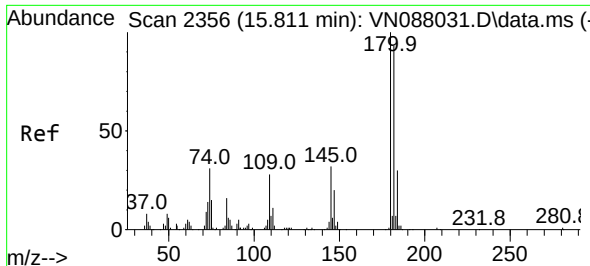
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.317 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

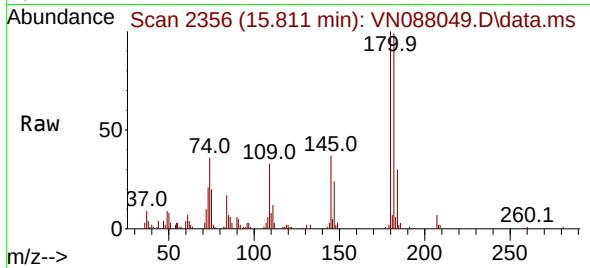
Tgt Ion: 75 Resp: 20446
Ion Ratio Lower Upper
75 100
155 78.7 63.5 95.3
157 101.2 81.7 122.5





#89
1,2,4-Trichlorobenzene
Concen: 16.634 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

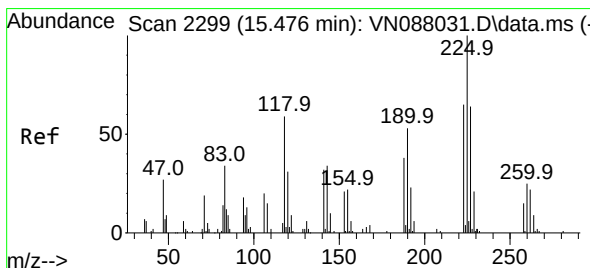
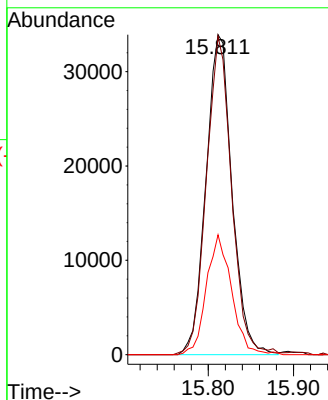
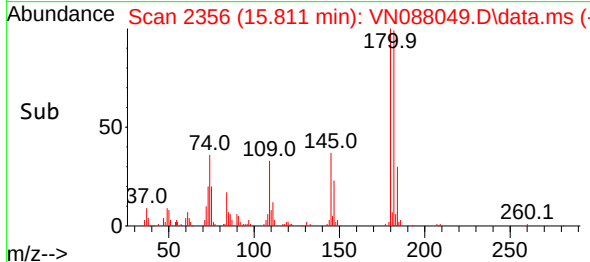
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



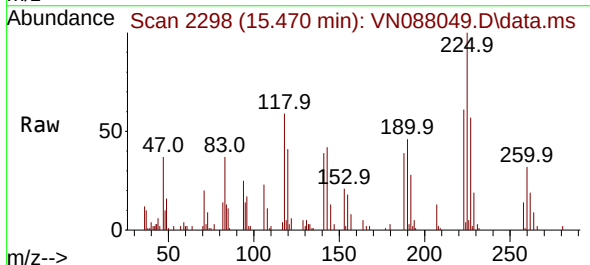
Tgt Ion:180 Resp: 72120
Ion Ratio Lower Upper
180 100
182 95.5 74.6 112.0
145 36.0 27.2 40.8

Manual Integrations
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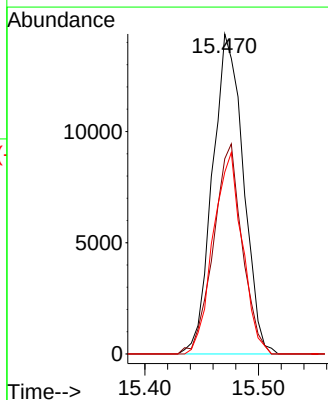
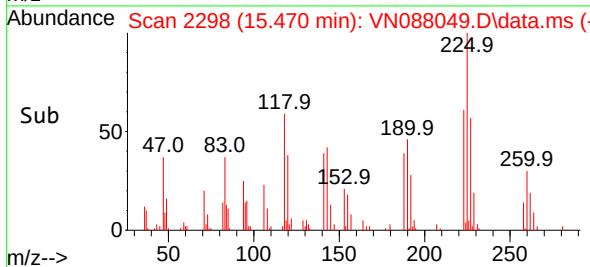
Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025

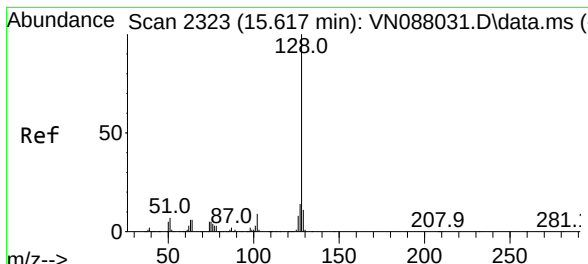


#90
Hexachlorobutadiene
Concen: 17.961 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50



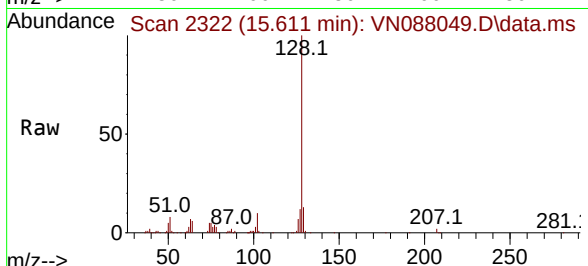
Tgt Ion:225 Resp: 27104
Ion Ratio Lower Upper
225 100
223 61.3 0.0 129.6
227 59.4 0.0 132.2





#91
Naphthalene
Concen: 16.854 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

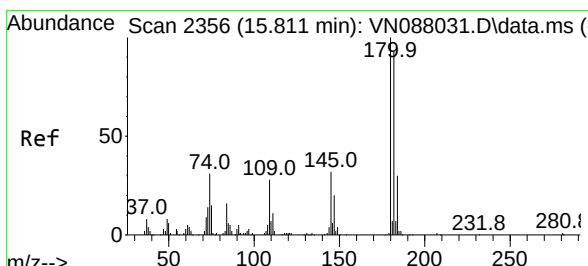
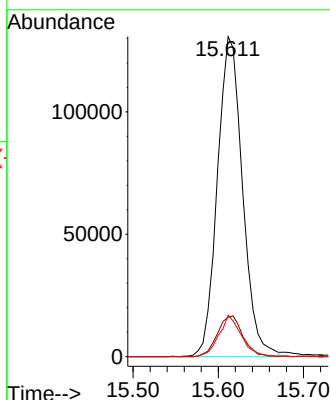
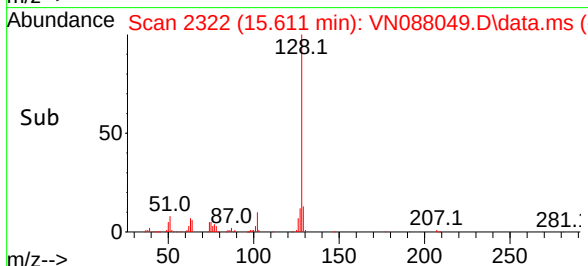
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion:128 Resp: 267534
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.5 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 10/10/2025
Supervised By :Mahesh Dadoda 10/10/2025



#92
1,2,3-Trichlorobenzene
Concen: 16.634 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088049.D
Acq: 09 Oct 2025 09:50

Tgt Ion:180 Resp: 72120
Ion Ratio Lower Upper
180 100
182 95.5 0.0 186.6
145 36.0 0.0 68.0

