

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100825\
 Data File : VN088033.D
 Acq On : 08 Oct 2025 10:51
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 09 02:03:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 01:59:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/09/2025
 Supervised By : Mahesh Dadoda 10/10/2025

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

Internal Standards						
1) Bromochloromethane	7.794	128	67628	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	378736	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	351656	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	160840	30.543	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.800%			
60) 4-Bromofluorobenzene	12.829	95	178151	30.730	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.433%			
63) Toluene-d8	10.547	98	467474	29.837	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.467%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	420916	108.665	ug/l	95
3) Chloromethane	2.383	50	463730	105.596	ug/l	98
4) Vinyl Chloride	2.536	62	482888	105.455	ug/l	100
5) Bromomethane	2.959	94	273063	110.897	ug/l	98
6) Chloroethane	3.130	64	314009	103.956	ug/l	100
7) Trichlorofluoromethane	3.501	101	654258	105.071	ug/l	97
8) Diethyl Ether	3.959	74	290416	103.221	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	351149	105.345	ug/l	97
10) 1,1-Dichloroethene	4.336	96	359076	100.983	ug/l	99
11) Methyl Iodide	4.577	142	430900	131.483	ug/l	94
12) Methyl Acetate	5.012	43	608023m	108.115	ug/l	
13) Acrolein	4.177	56	463612	518.261	ug/l #	7
14) Acrylonitrile	5.712	53	1467014	525.879	ug/l	99
15) Acetone	4.424	58	407619	497.406	ug/l	93
16) Carbon Disulfide	4.700	76	1166017	104.606	ug/l	100
17) Allyl chloride	5.012	41	683636	101.888	ug/l	96
18) Methylene Chloride	5.259	84	461958	102.216	ug/l	95
19) trans-1,2-Dichloroethene	5.771	96	426250	103.682	ug/l	93
20) Diisopropyl ether	6.659	45	1616050	105.793	ug/l	98
21) 1,1-Dichloroethane	6.553	63	830085	104.385	ug/l	95
22) cis-1,2-Dichloroethene	7.471	96	536722	104.292	ug/l	99
23) tert-Butyl Alcohol	5.530	59	576246	515.047	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1604709	104.553	ug/l	98
25) Chloroform	7.947	83	840390	102.409	ug/l	100
26) Cyclohexane	8.236	56	682990	103.662	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	570703	105.125	ug/l	98
30) 2-Butanone	7.471	43	2104280	525.556	ug/l	99
31) 2,2-Dichloropropane	7.471	77	713241	101.828	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	703319	103.680	ug/l	99
33) Carbon Tetrachloride	8.341	117	599874	105.575	ug/l	98
34) Benzene	8.588	78	1880026	104.406	ug/l	98
35) Methacrylonitrile	7.765	41	432524	102.726	ug/l	94
36) 1,2-Dichloroethane	8.653	62	649488	103.896	ug/l	99
37) Trichloroethene	9.335	130	443090	103.860	ug/l	100
38) Methylcyclohexane	9.582	83	700603	104.502	ug/l	99
39) 1,2-Dichloropropane	9.600	63	473093	104.780	ug/l	99
40) Dibromomethane	9.688	93	342480	104.205	ug/l	97
41) Bromodichloromethane	9.871	83	701393	104.491	ug/l	99
42) Vinyl Acetate	6.589	43	7544223	553.092	ug/l	97

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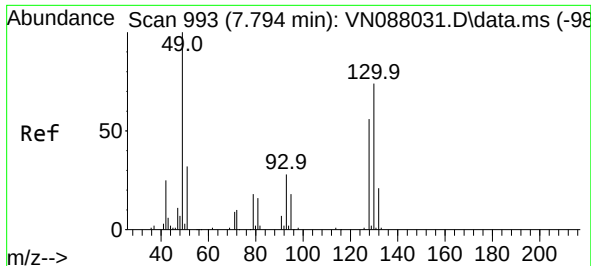
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	824040	107.065	ug/l	96
44) Isopropyl Acetate	8.671	43	1339571	106.561	ug/l	98
45) 1,4-Dioxane	9.682	88	178569	2135.793	ug/l	96
46) Methyl methacrylate	9.665	41	606493	109.554	ug/l	96
47) n-amyl Acetate	12.488	43	635857	115.116	ug/l #	64
48) t-1,3-Dichloropropene	10.818	75	804743	107.816	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	826516	106.155	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	450541	103.515	ug/l	99
51) Ethyl methacrylate	10.853	69	831363	112.866	ug/l	98
52) 1,3-Dichloropropane	11.141	76	810597	106.748	ug/l	98
53) Dibromochloromethane	11.335	129	559787	107.583	ug/l	98
54) 1,2-Dibromoethane	11.447	107	493699	106.100	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	2132450	536.342	ug/l	100
56) Bromoform	12.559	173	386003	109.728	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	4116685	523.371	ug/l	99
59) 2-Hexanone	11.177	43	2928211	563.852	ug/l	99
61) Tetrachloroethene	11.082	164	362506	101.796	ug/l	93
62) Toluene	10.612	91	2027659	101.652	ug/l	98
64) Chlorobenzene	11.871	112	1317139	103.379	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	448505	102.148	ug/l	98
66) Ethyl Benzene	11.941	91	2249065	103.692	ug/l	97
67) m/p-Xylenes	12.047	106	1731517	207.080	ug/l	99
68) o-Xylene	12.376	106	858288	103.111	ug/l	97
69) Styrene	12.388	104	1459636	106.005	ug/l	98
70) Isopropylbenzene	12.676	105	2115128	103.677	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	717005	103.664	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	669076m	99.654	ug/l	
73) Bromobenzene	12.959	156	514996	103.282	ug/l	95
74) n-propylbenzene	13.012	91	2606776	105.847	ug/l	99
75) 2-Chlorotoluene	13.100	91	1584486	105.221	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	1814925	104.730	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	290843	117.060	ug/l	89
78) 4-Chlorotoluene	13.200	91	1632331	106.695	ug/l	98
79) tert-butylbenzene	13.418	119	1573625	104.749	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	1831829	105.591	ug/l	98
81) sec-Butylbenzene	13.594	105	2207832	104.528	ug/l	99
82) p-Isopropyltoluene	13.706	119	1878975	104.194	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	978389	104.286	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	993969	102.730	ug/l	98
85) n-Butylbenzene	14.035	91	1765582	105.237	ug/l	99
86) Hexachloroethane	14.312	117	371189	102.750	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	959910	104.023	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	165583	104.237	ug/l	95
89) 1,2,4-Trichlorobenzene	15.812	180	577645	105.091	ug/l	98
90) Hexachlorobutadiene	15.476	225	194567	101.706	ug/l	98
91) Naphthalene	15.611	128	2133295	106.010	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	577645	105.091	ug/l	98

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



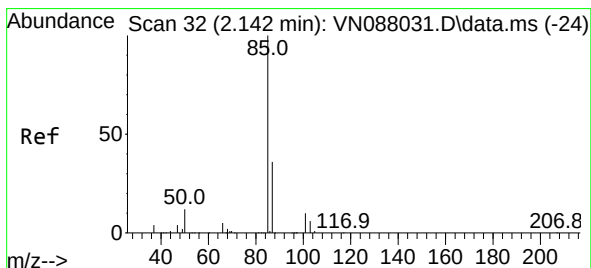
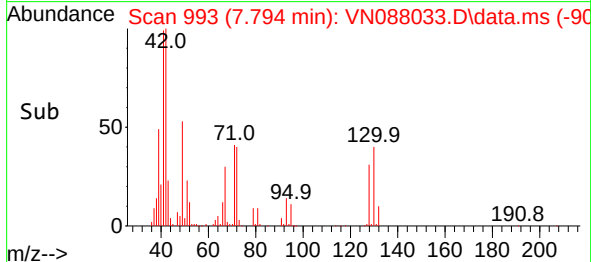
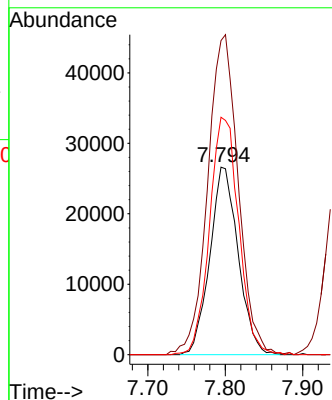
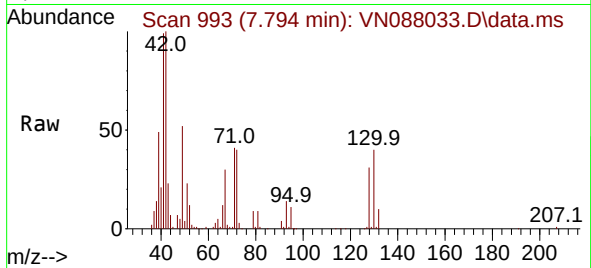
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC100

Tgt Ion:128 Resp: 67628
Ion Ratio Lower Upper
128 100
49 184.1 0.0 439.8
130 130.7 0.0 325.8

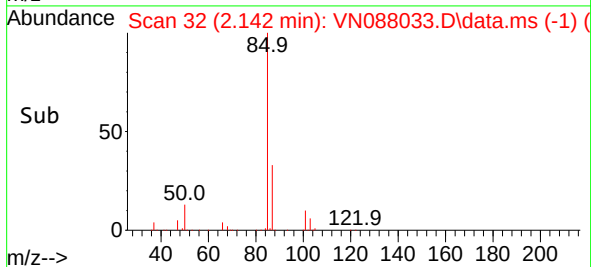
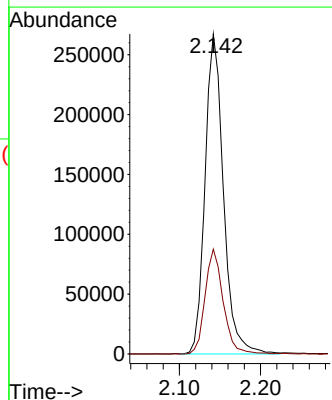
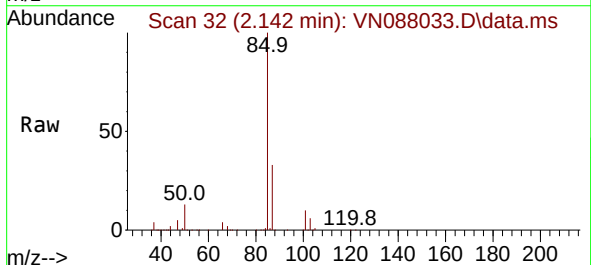
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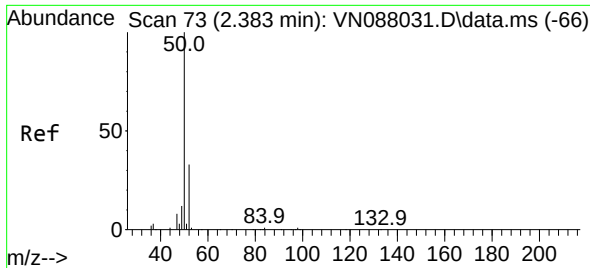
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 108.665 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

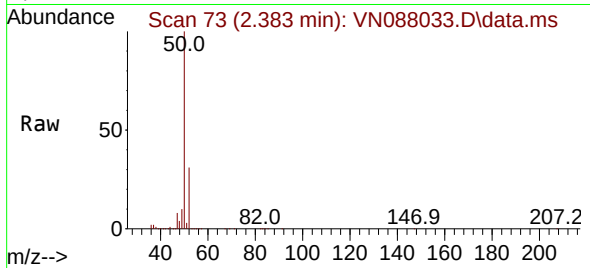
Tgt Ion: 85 Resp: 420916
Ion Ratio Lower Upper
85 100
87 32.8 17.9 53.8





#3
Chloromethane
Concen: 105.596 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

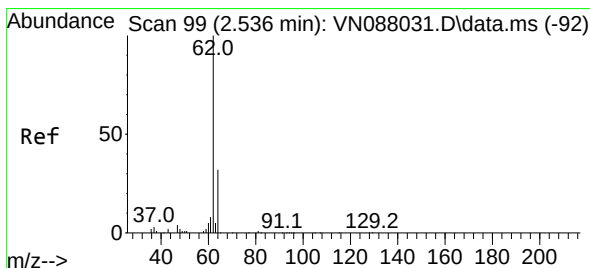
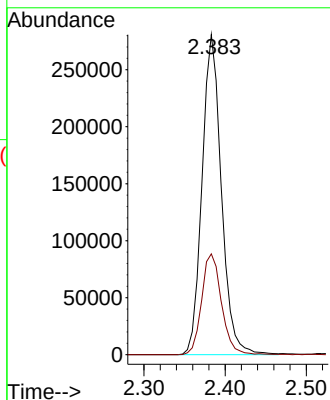
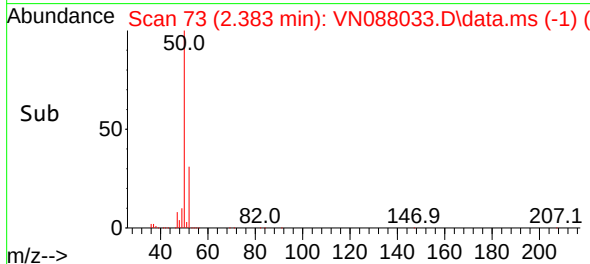
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 50 Resp: 463730
Ion Ratio Lower Upper
50 100
52 31.5 26.3 39.5

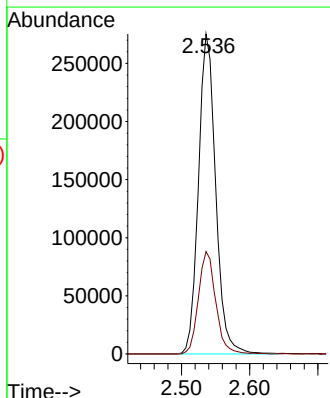
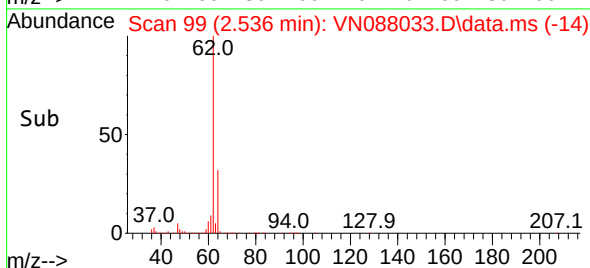
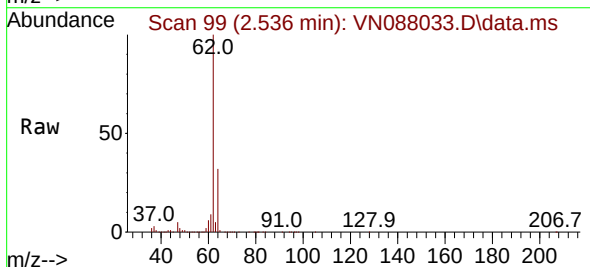
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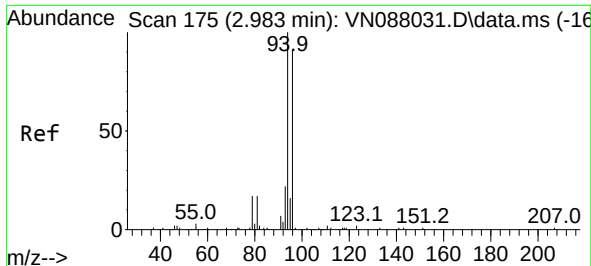
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#4
Vinyl Chloride
Concen: 105.455 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

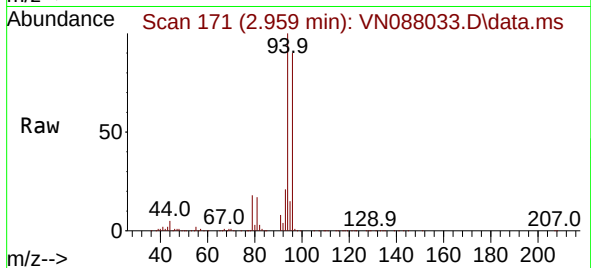
Tgt Ion: 62 Resp: 482888
Ion Ratio Lower Upper
62 100
64 32.0 25.7 38.5





#5
Bromomethane
Concen: 110.897 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

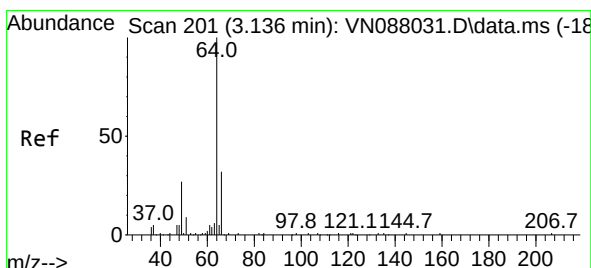
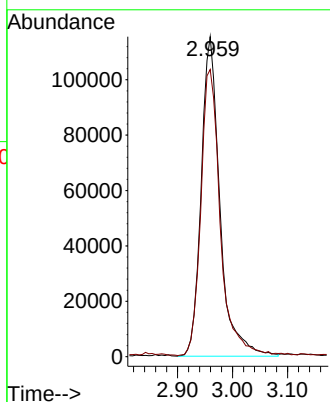
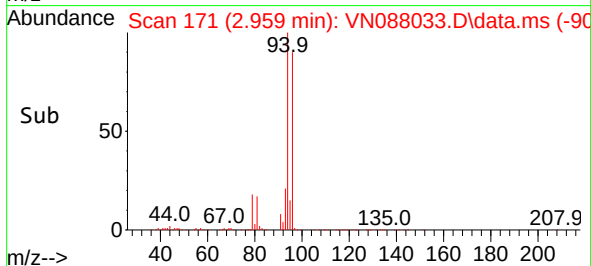
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 27306
Ion Ratio Lower Upper
94 100
96 89.5 73.0 109.4

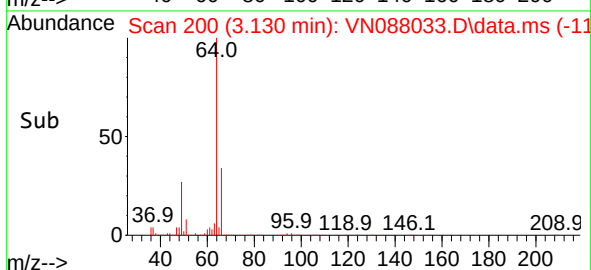
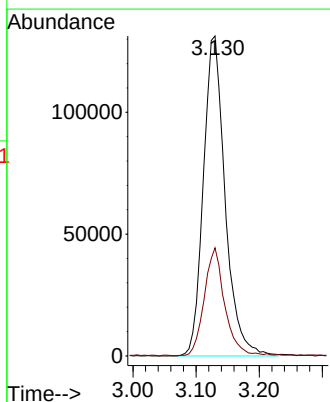
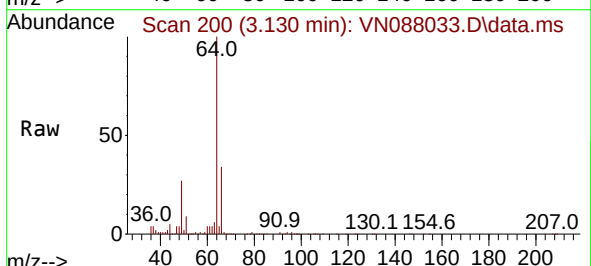
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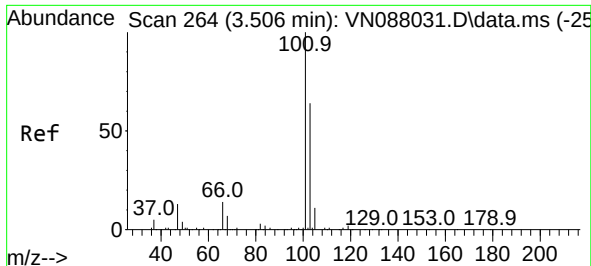
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#6
Chloroethane
Concen: 103.956 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 64 Resp: 314009
Ion Ratio Lower Upper
64 100
66 33.6 26.8 40.2





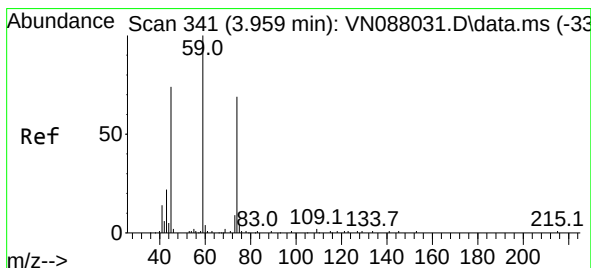
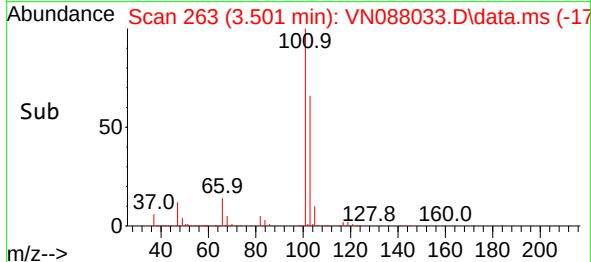
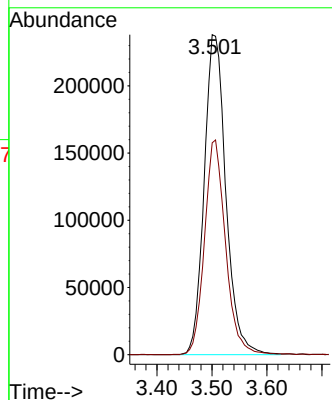
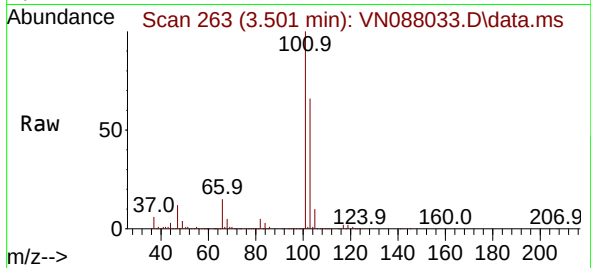
#7
Trichlorofluoromethane
Concen: 105.071 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 654258
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.4

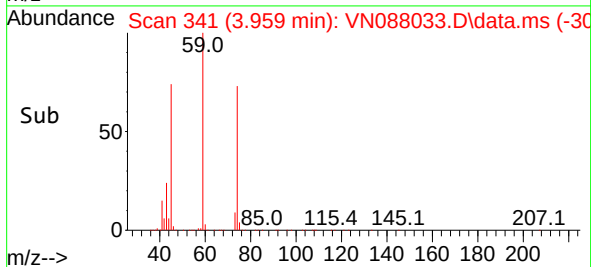
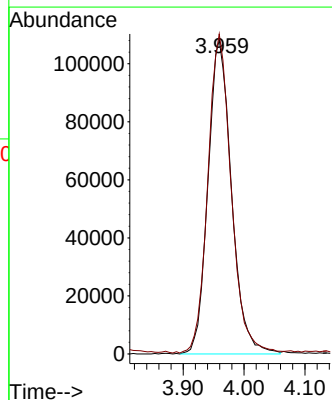
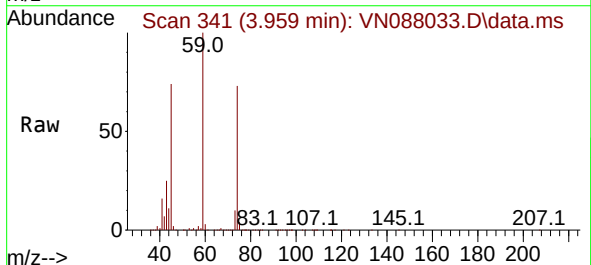
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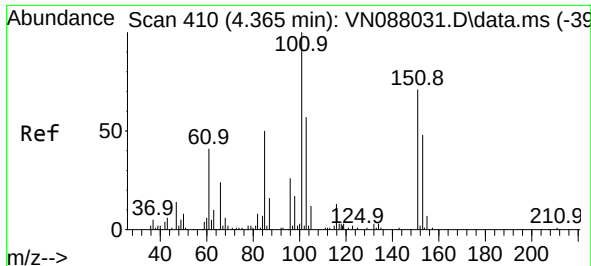
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#8
Diethyl Ether
Concen: 103.221 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 74 Resp: 290416
Ion Ratio Lower Upper
74 100
45 100.7 20.4 183.8





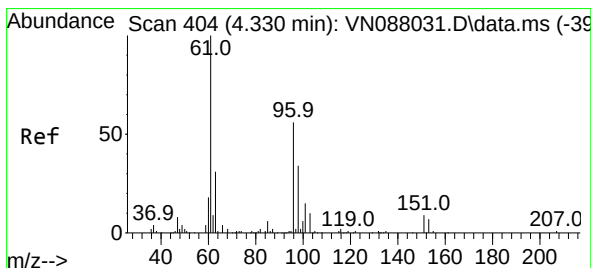
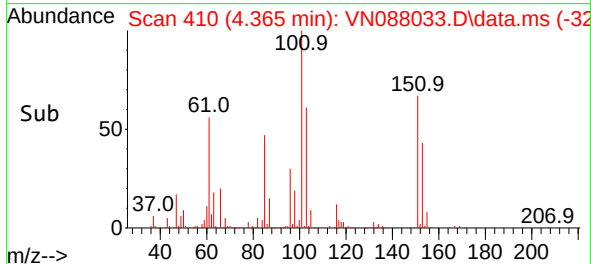
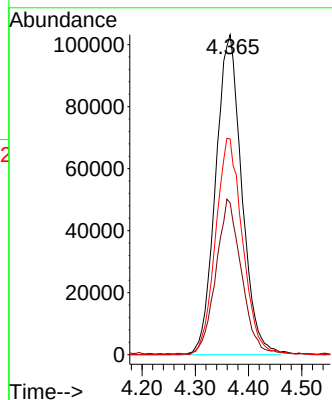
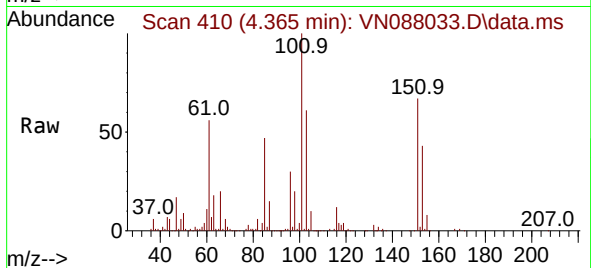
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 1,1,2-Trichlorotrifluoroethane
 Concen: 105.345 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. 0.000 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 101 Resp: 351149
 Ion Ratio Lower Upper
 101 100
 85 47.8 0.0 103.2
 151 69.1 0.0 141.4

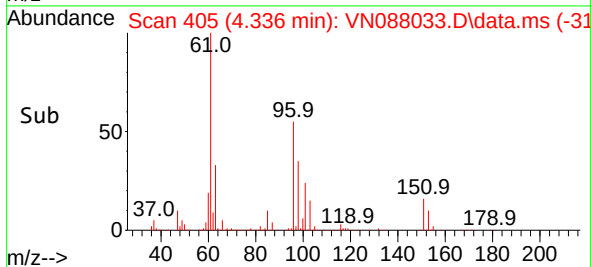
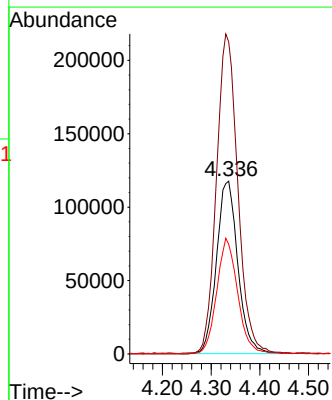
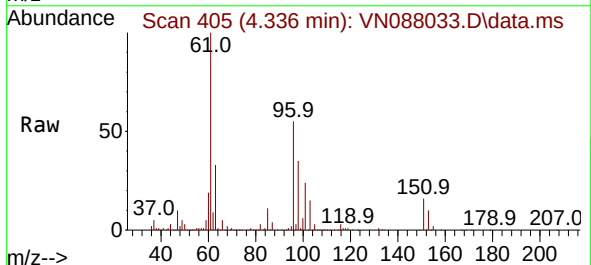
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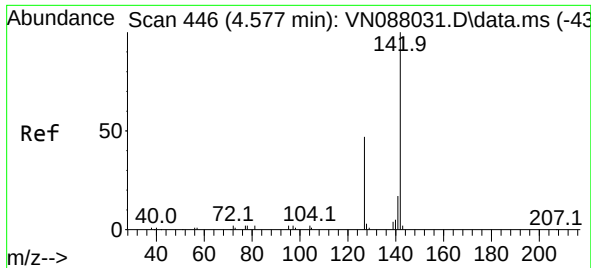
Reviewed By : John Carlone 10/09/2025
 Supervised By : Mahesh Dadoda 10/10/2025



#10
 1,1-Dichloroethene
 Concen: 100.983 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

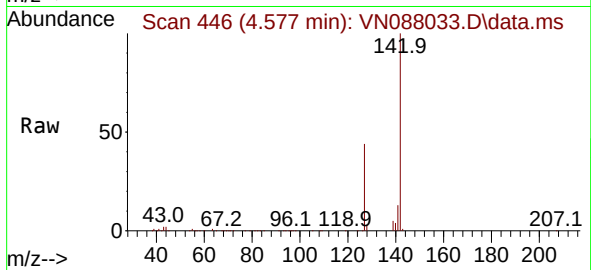
Tgt Ion: 96 Resp: 359076
 Ion Ratio Lower Upper
 96 100
 61 181.1 144.1 216.1
 98 63.5 49.0 73.6





#11
Methyl Iodide
Concen: 131.483 ug/l
RT: 4.577 min Scan# 446
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

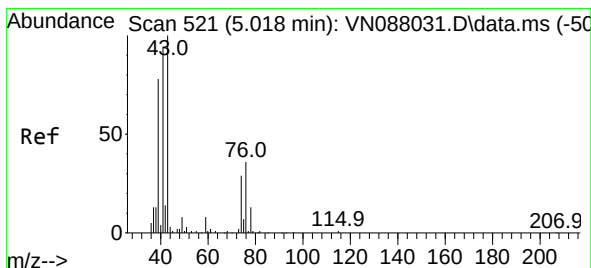
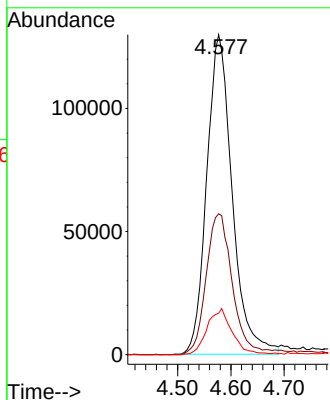
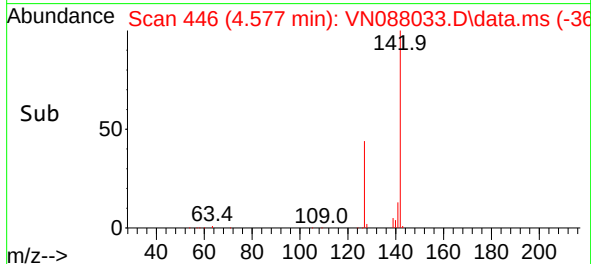
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 430900
Ion Ratio Lower Upper
142 100
127 44.0 23.4 70.3
141 13.0 8.8 26.2

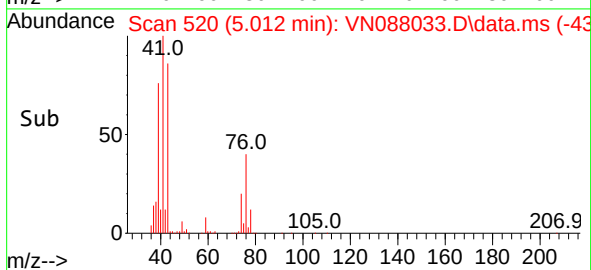
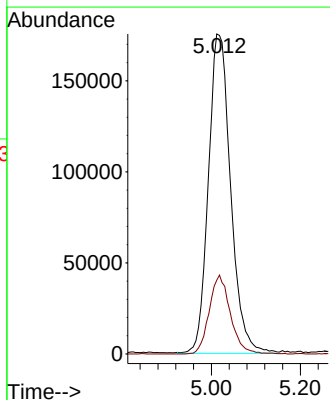
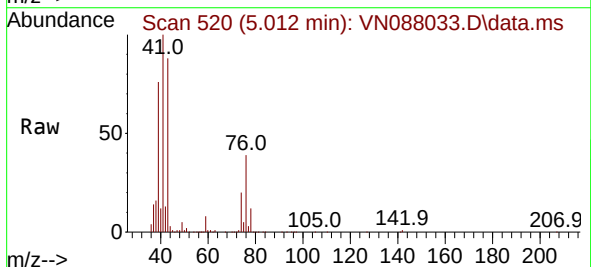
Manual Integrations
APPROVED

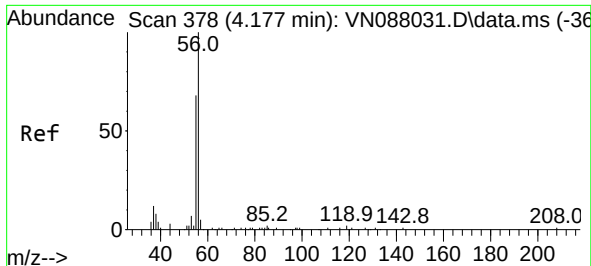
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
Methyl Acetate
Concen: 108.115 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

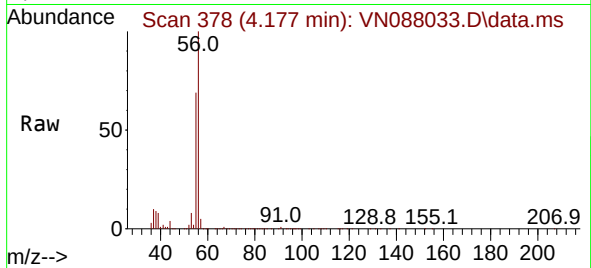
Tgt Ion: 43 Resp: 608023
Ion Ratio Lower Upper
43 100
74 23.0 23.3 34.9#





#13
Acrolein
Concen: 518.261 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

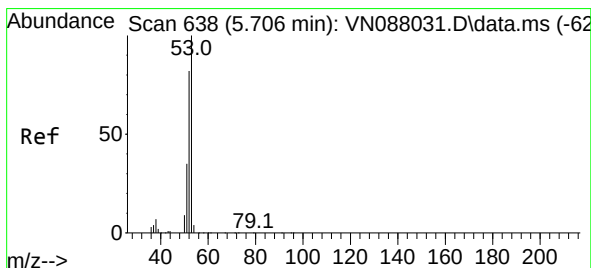
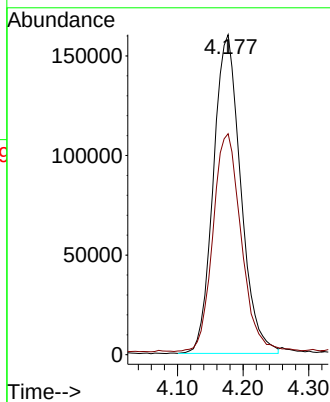
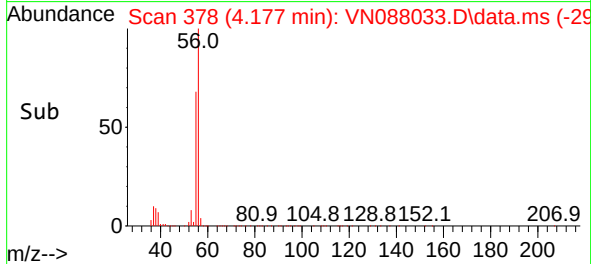
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 463612
Ion Ratio Lower Upper
56 100
55 70.2 0.3 0.5

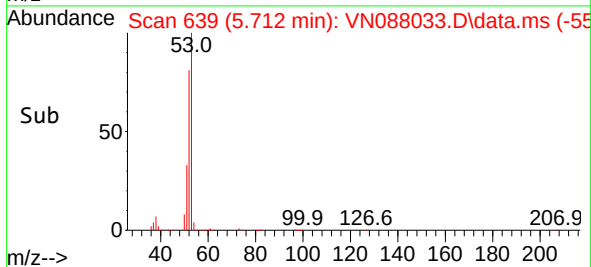
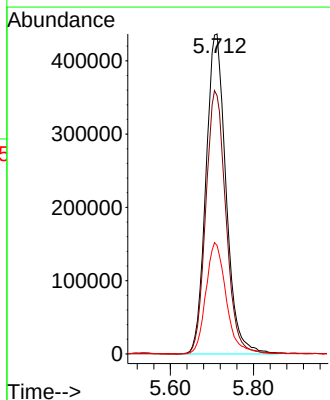
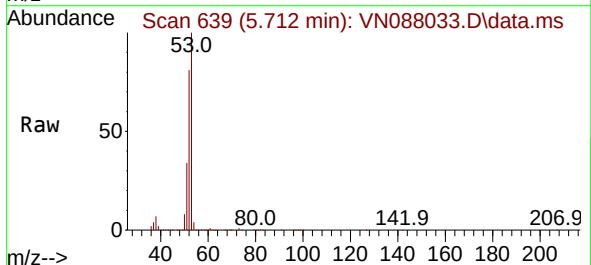
Manual Integrations
APPROVED

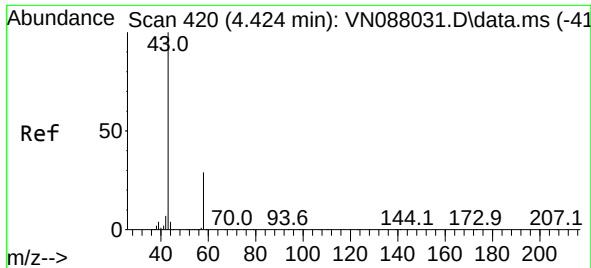
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#14
Acrylonitrile
Concen: 525.879 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

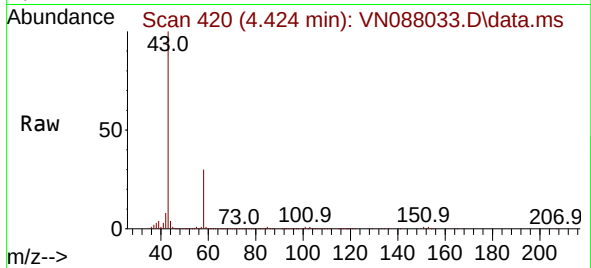
Tgt Ion: 53 Resp: 1467014
Ion Ratio Lower Upper
53 100
52 82.1 41.3 124.1
51 35.2 18.0 54.0





#15
Acetone
Concen: 497.406 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

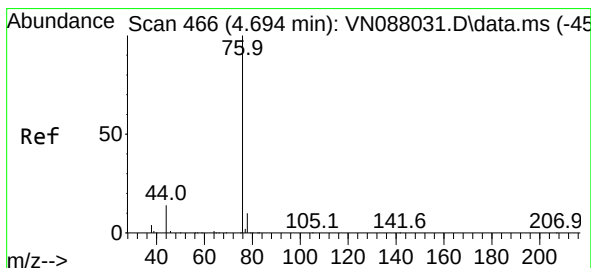
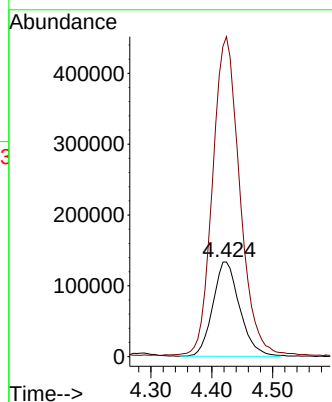
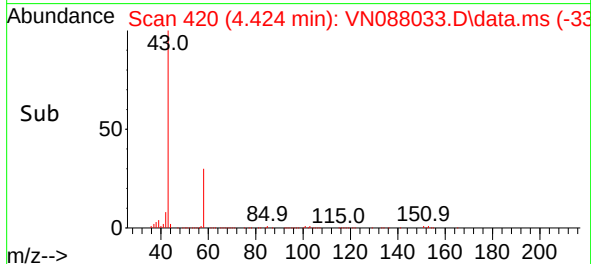
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



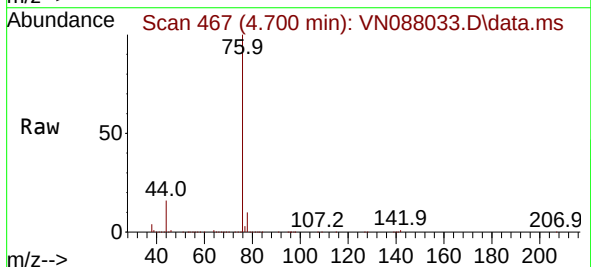
Tgt Ion: 58 Resp: 407619
Ion Ratio Lower Upper
58 100
43 337.2 282.6 424.0

Manual Integrations
APPROVED

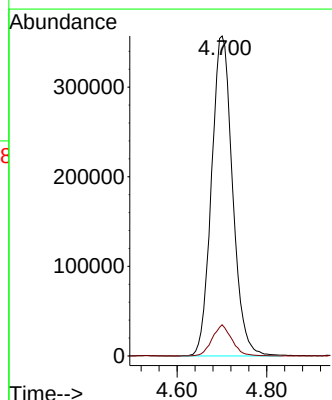
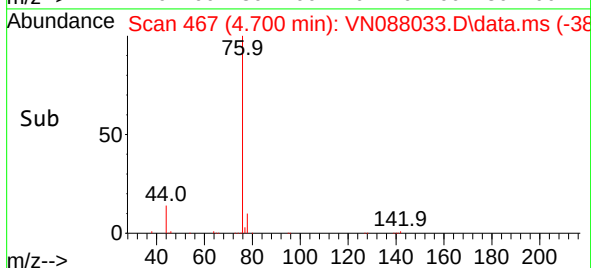
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

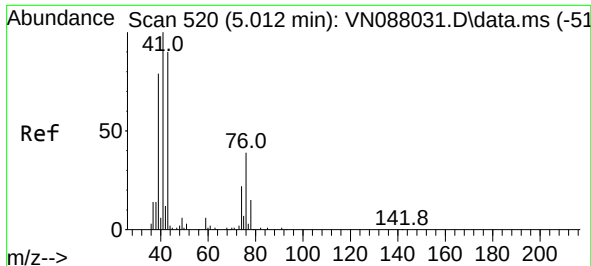


#16
Carbon Disulfide
Concen: 104.606 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



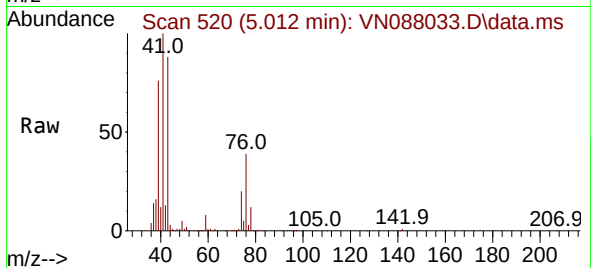
Tgt Ion: 76 Resp: 1166017
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8





#17
Allyl chloride
Concen: 101.888 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

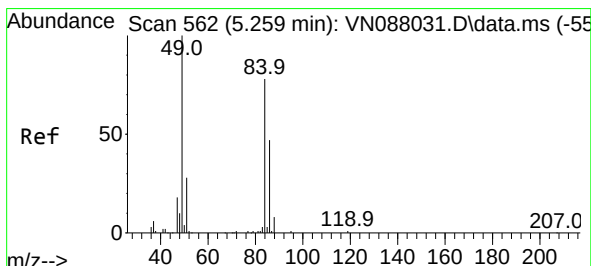
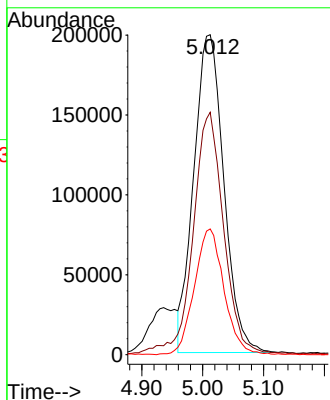
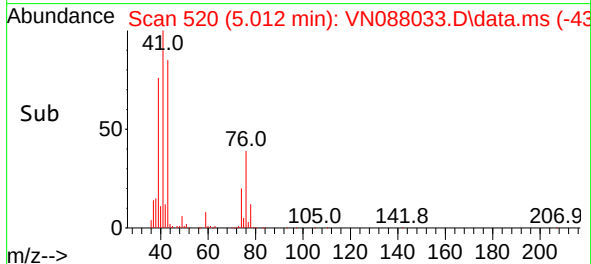
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



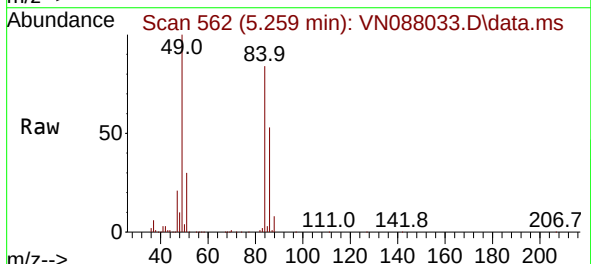
Tgt Ion: 41 Resp: 683630
Ion Ratio Lower Upper
41 100
39 75.6 36.4 109.2
76 39.3 18.1 54.1

Manual Integrations
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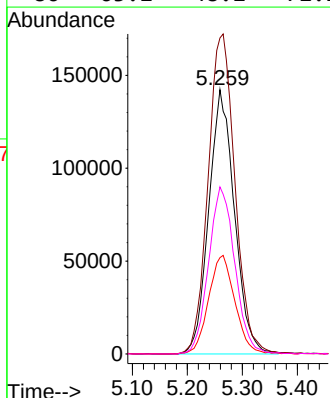
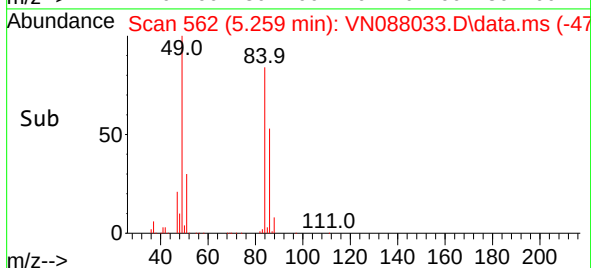
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

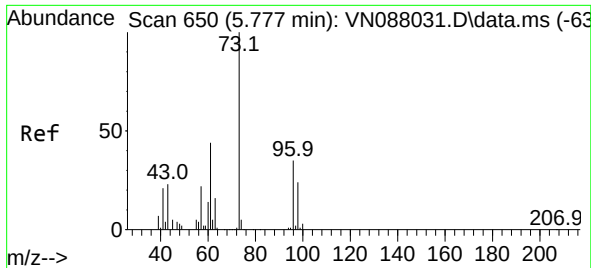


#18
Methylene Chloride
Concen: 102.216 ug/l
RT: 5.259 min Scan# 562
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



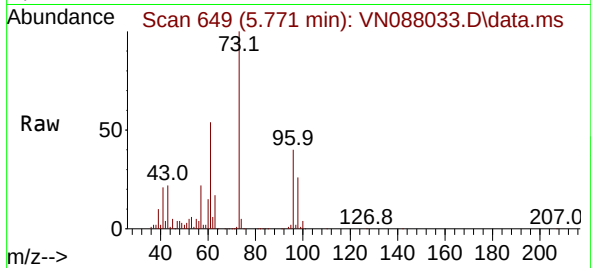
Tgt Ion: 84 Resp: 461958
Ion Ratio Lower Upper
84 100
49 119.6 102.6 153.8
51 36.2 28.6 42.8
86 63.2 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 103.682 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

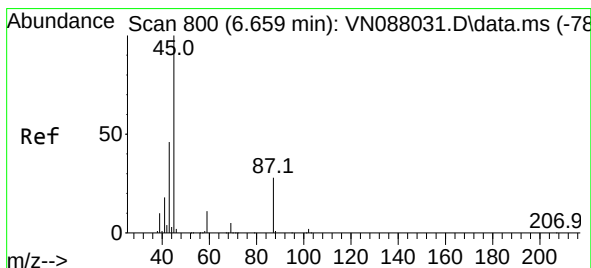
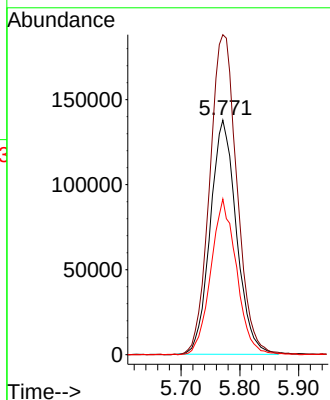
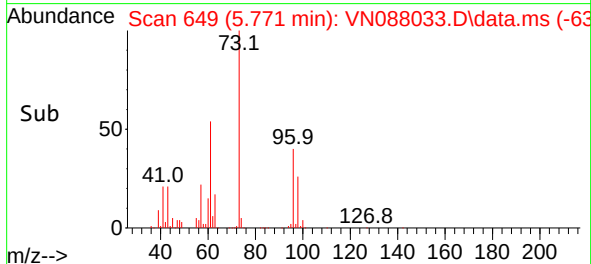
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 426250
Ion Ratio Lower Upper
96 100
61 136.7 100.6 151.0
98 66.5 54.0 81.0

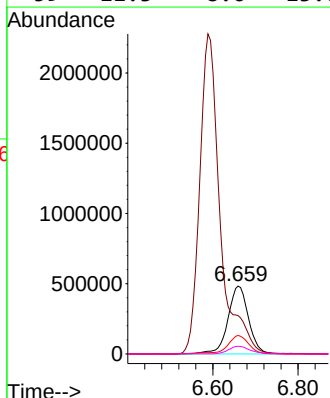
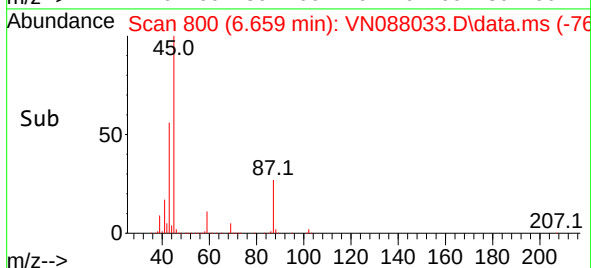
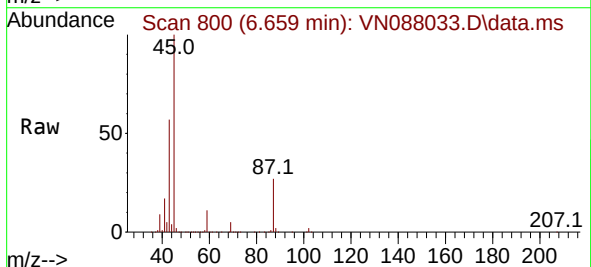
Manual Integrations
APPROVED

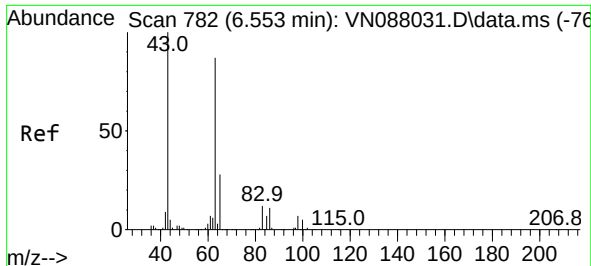
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Diisopropyl ether
Concen: 105.793 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 45 Resp: 1616050
Ion Ratio Lower Upper
45 100
43 56.2 46.1 69.1
87 27.2 22.3 33.5
59 11.3 8.6 13.0





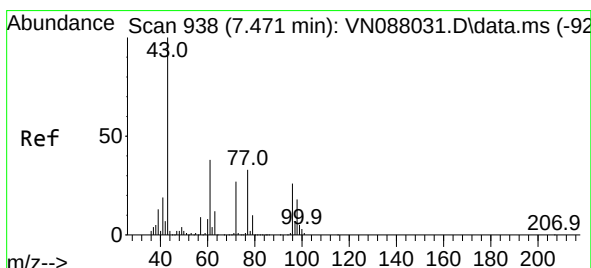
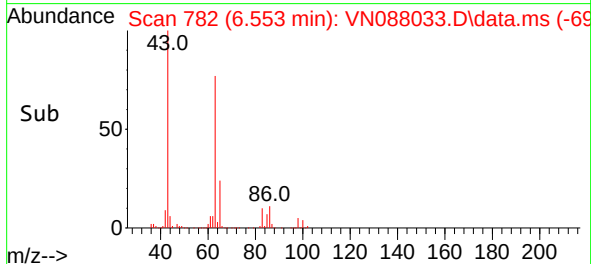
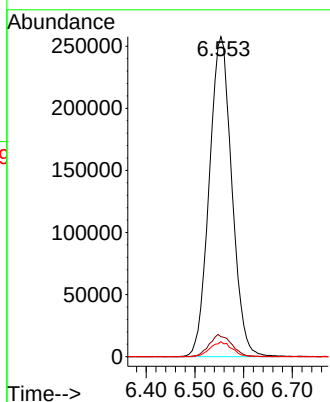
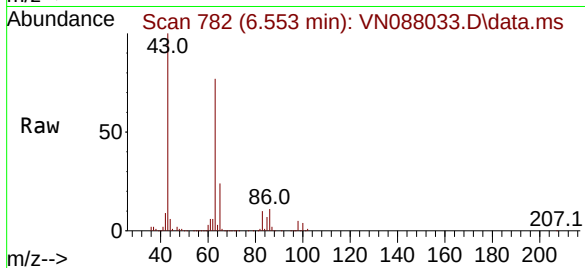
#21
1,1-Dichloroethane
Concen: 104.385 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 830085
Ion Ratio Lower Upper
63 100
98 6.3 4.3 12.8
100 4.7 2.6 8.0

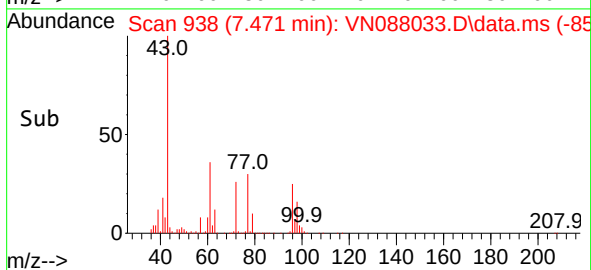
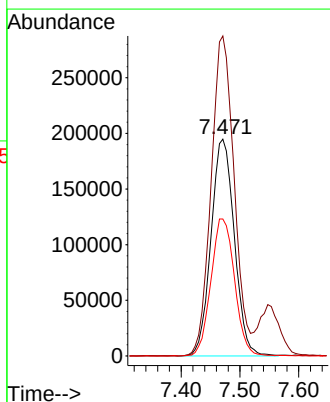
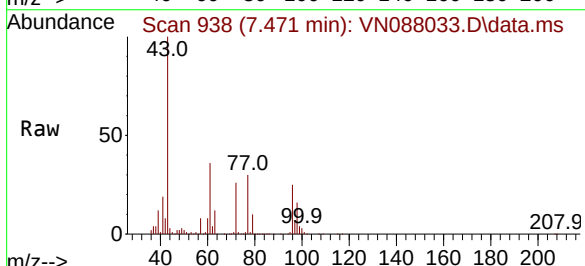
Manual Integrations
APPROVED

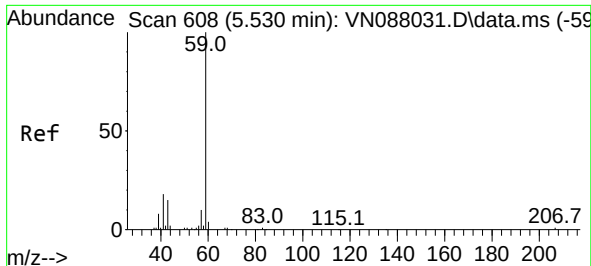
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#22
cis-1,2-Dichloroethene
Concen: 104.292 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

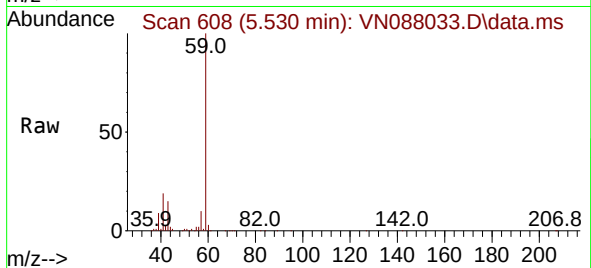
Tgt Ion: 96 Resp: 536722
Ion Ratio Lower Upper
96 100
61 145.2 117.0 175.6
98 64.1 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 515.047 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

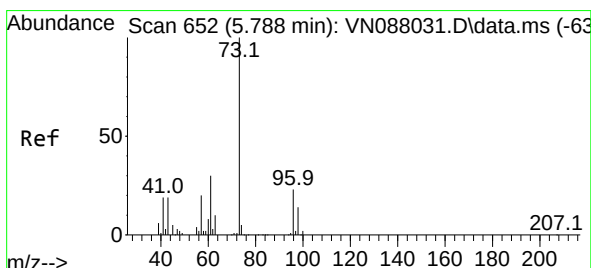
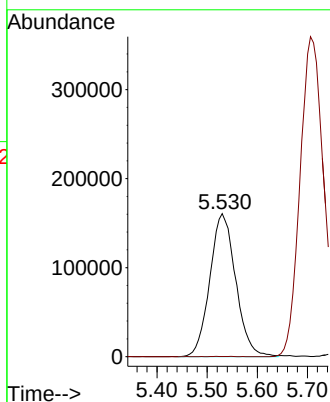
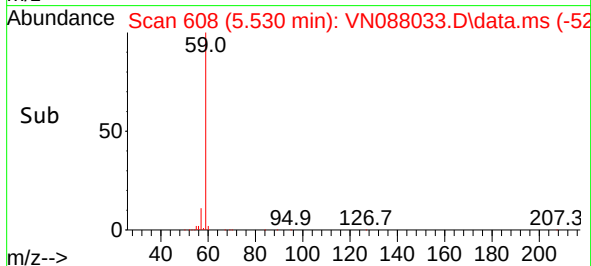
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 576240
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

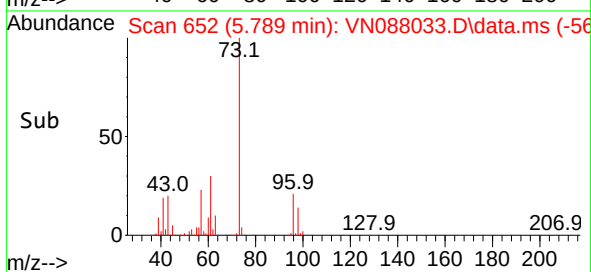
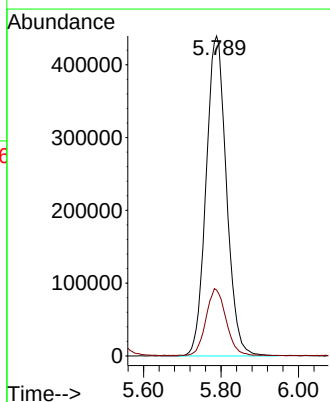
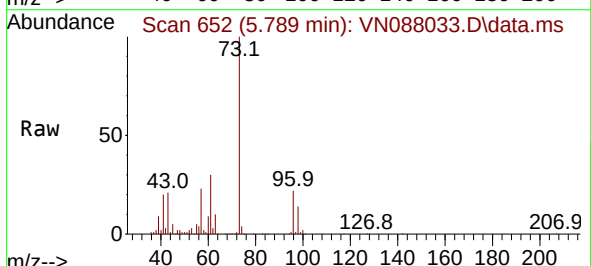
Manual Integrations
APPROVED

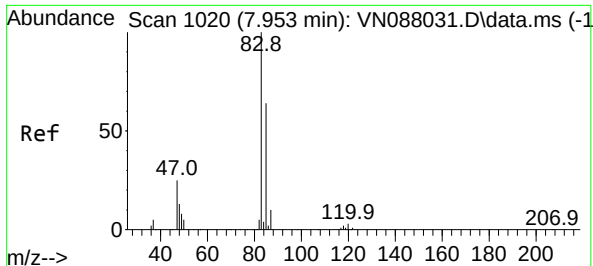
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#24
Methyl tert-Butyl Ether
Concen: 104.553 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

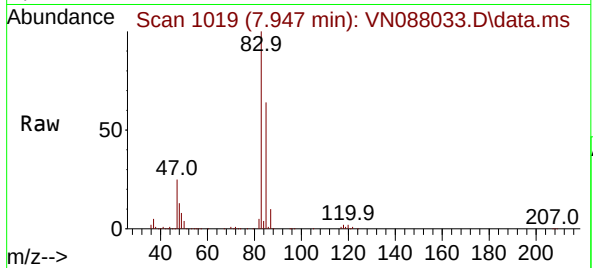
Tgt Ion: 73 Resp: 1604709
Ion Ratio Lower Upper
73 100
43 20.3 17.0 25.4





#25
Chloroform
Concen: 102.409 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

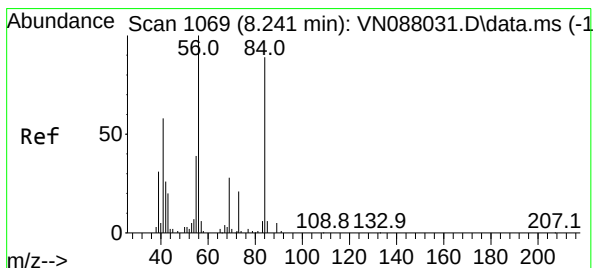
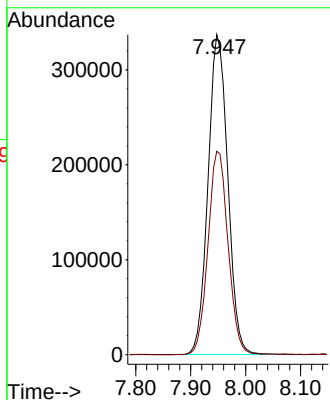
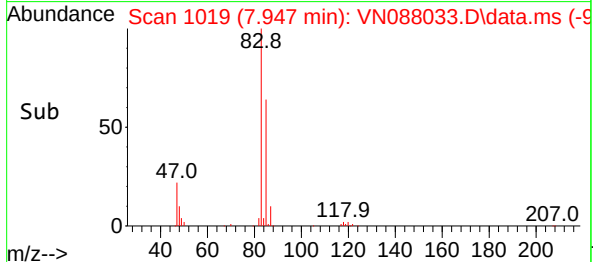
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 840390
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3

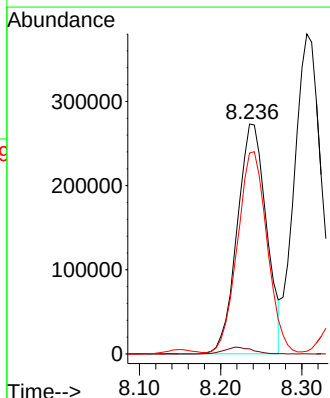
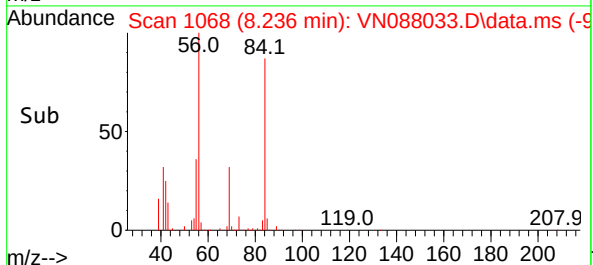
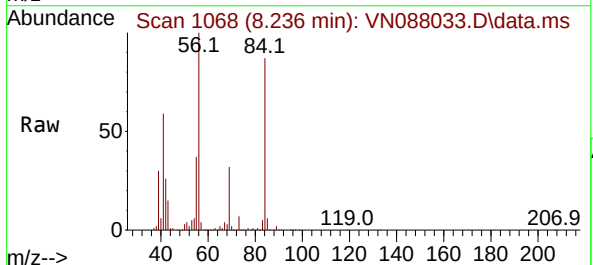
Manual Integrations
APPROVED

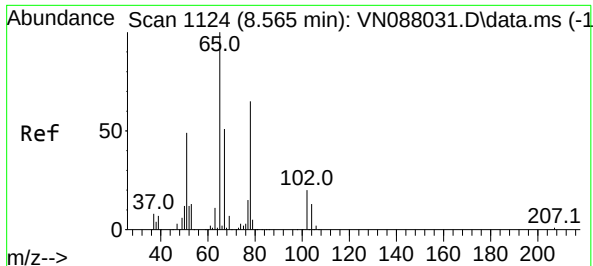
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#26
Cyclohexane
Concen: 103.662 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

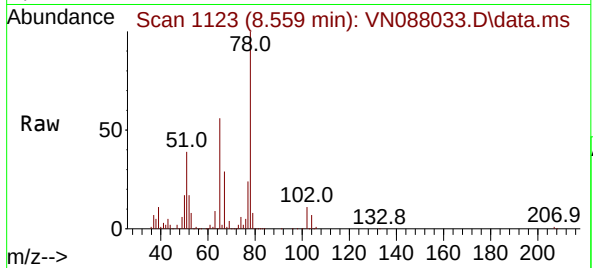
Tgt Ion: 56 Resp: 682990
Ion Ratio Lower Upper
56 100
89 2.9 8.6 12.8#
84 90.0 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 30.543 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

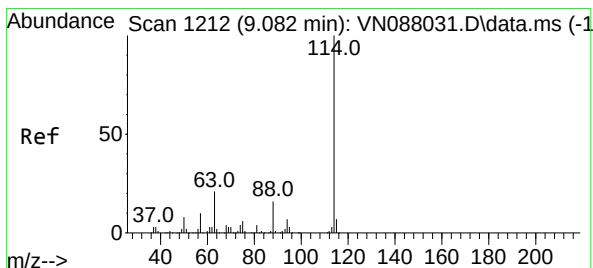
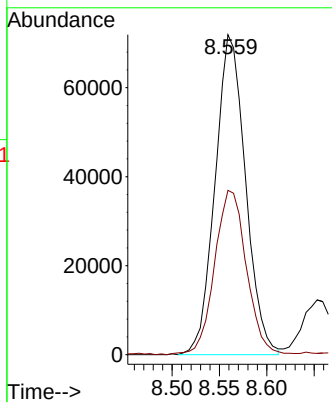
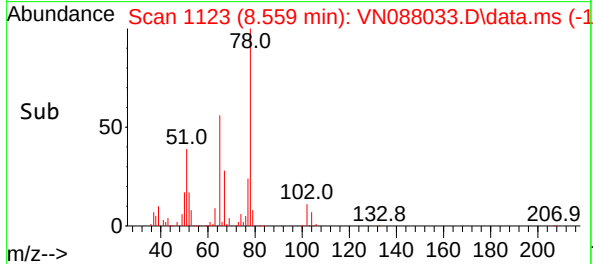
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 65 Resp: 160840
Ion Ratio Lower Upper
65 100
67 53.7 41.9 62.9

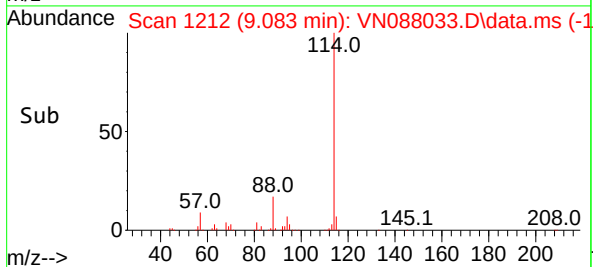
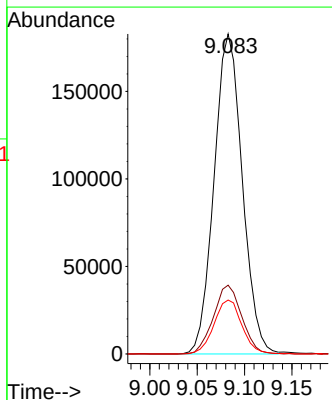
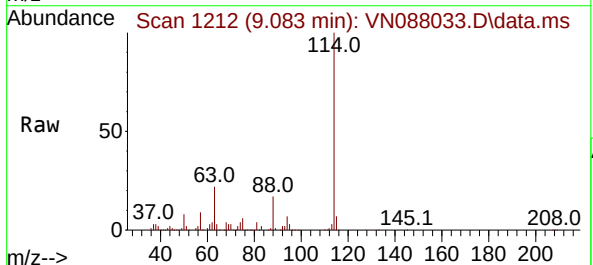
Manual Integrations
APPROVED

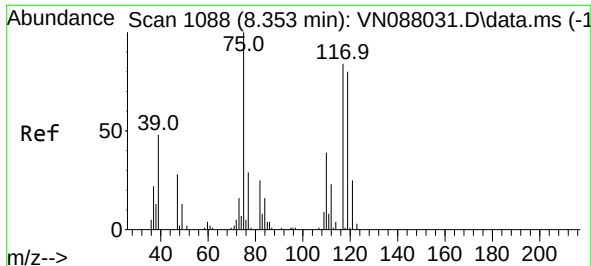
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

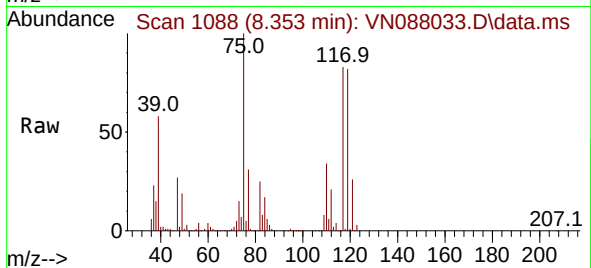
Tgt Ion:114 Resp: 378736
Ion Ratio Lower Upper
114 100
63 21.5 16.6 25.0
88 16.6 12.6 18.8





#29
1,1-Dichloropropene
Concen: 105.125 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

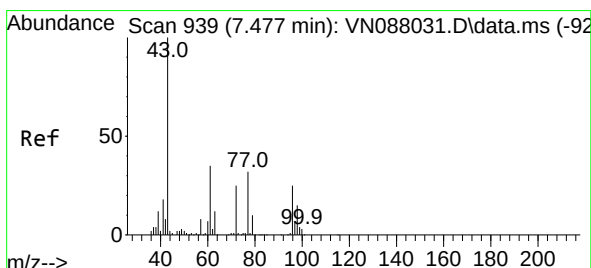
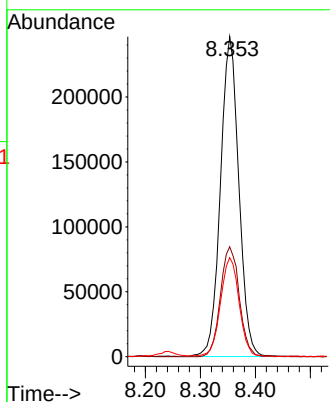
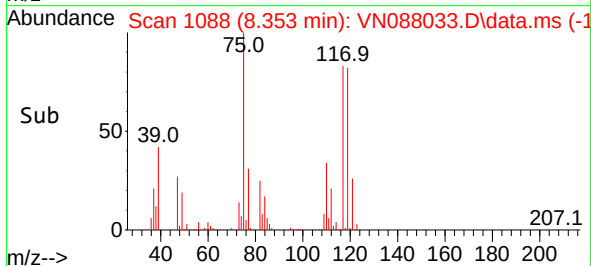
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



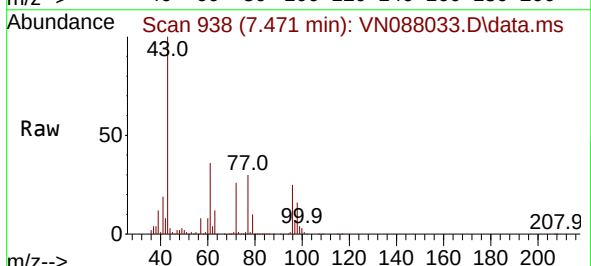
Tgt Ion: 75 Resp: 57070
Ion Ratio Lower Upper
75 100
110 35.2 0.0 72.2
77 31.2 0.0 60.6

Manual Integrations
APPROVED

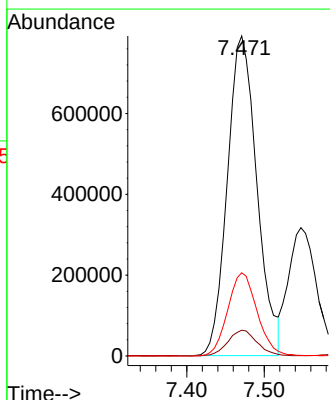
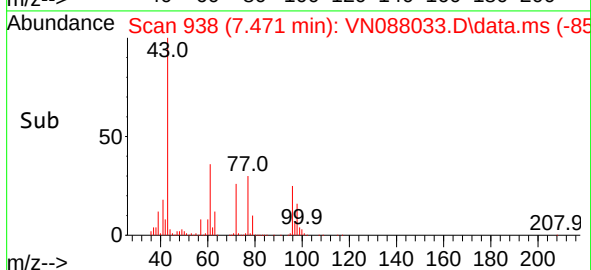
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

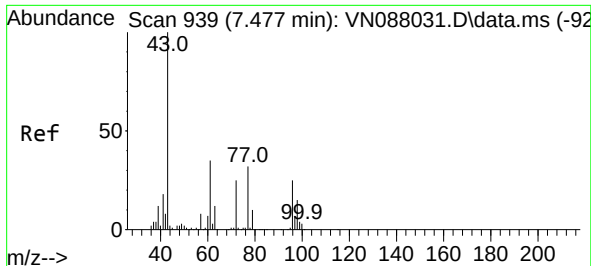


#30
2-Butanone
Concen: 525.556 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



Tgt Ion: 43 Resp: 2104280
Ion Ratio Lower Upper
43 100
57 8.0 6.5 9.7
72 25.9 21.4 32.2





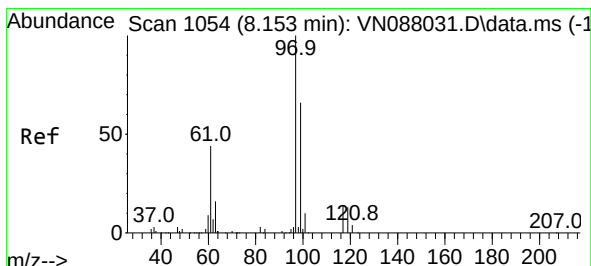
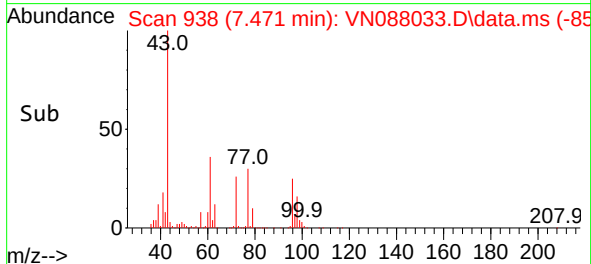
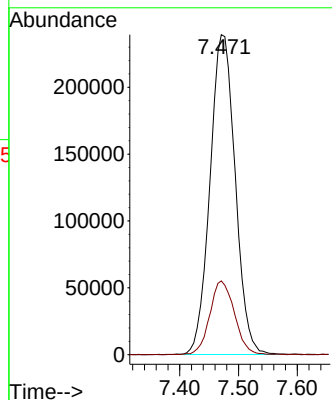
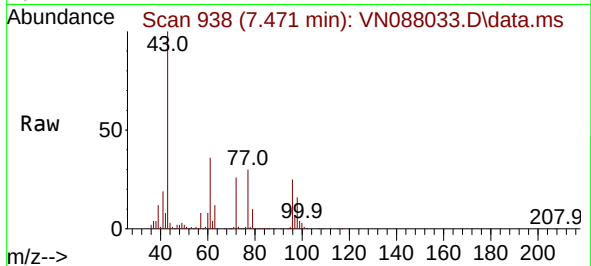
#31
2,2-Dichloropropane
Concen: 101.828 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 71324
Ion Ratio Lower Upper
77 100
97 22.4 17.8 26.8

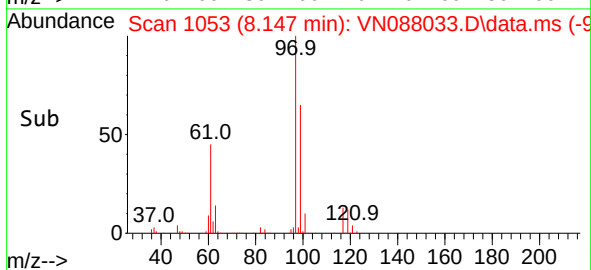
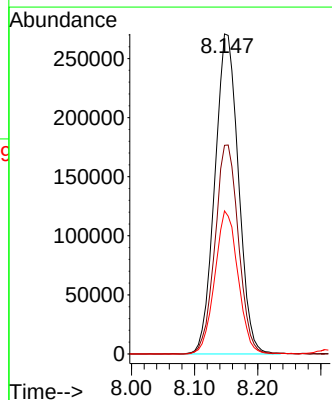
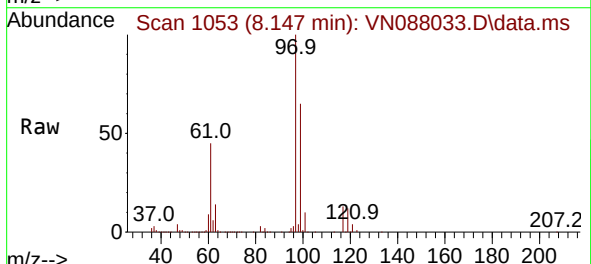
Manual Integrations
APPROVED

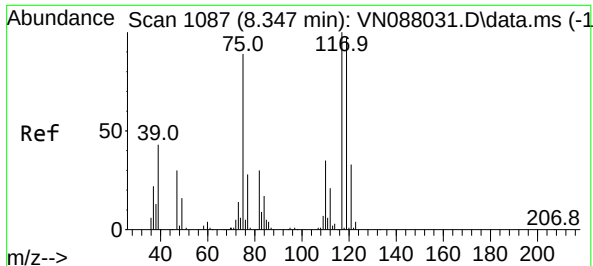
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#32
1,1,1-Trichloroethane
Concen: 103.680 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

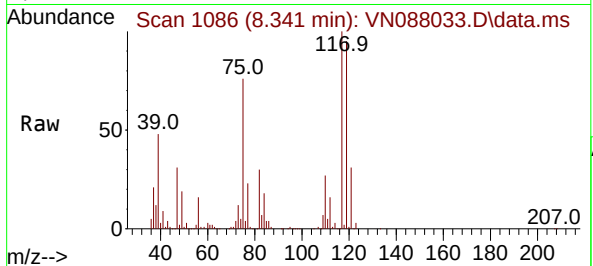
Tgt Ion: 97 Resp: 703319
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 43.9 34.7 52.1





#33
Carbon Tetrachloride
Concen: 105.575 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

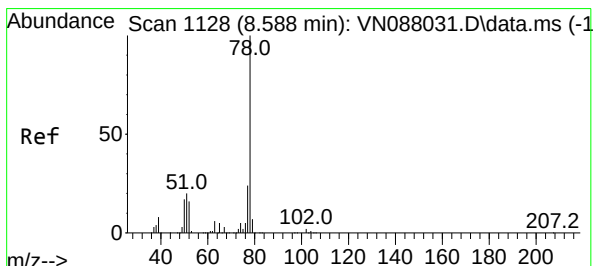
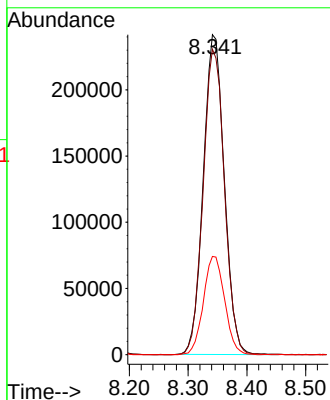
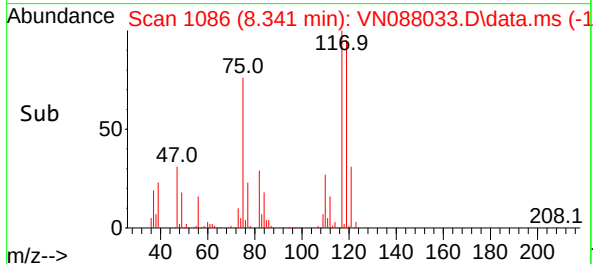
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 599874
Ion Ratio Lower Upper
117 100
119 95.4 77.9 116.9
121 30.7 26.4 39.6

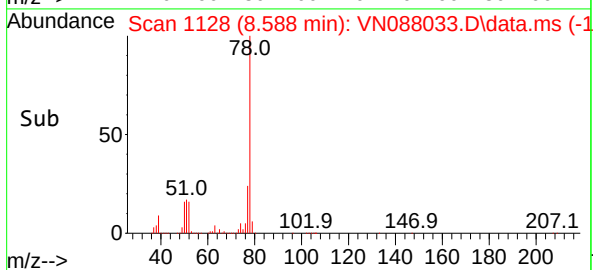
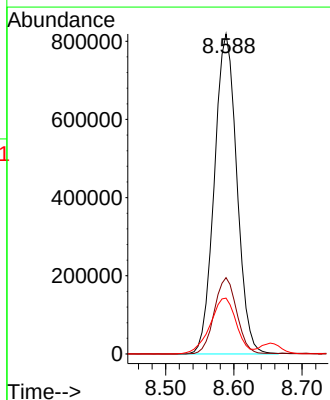
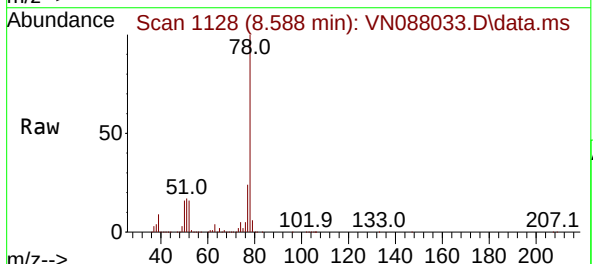
Manual Integrations
APPROVED

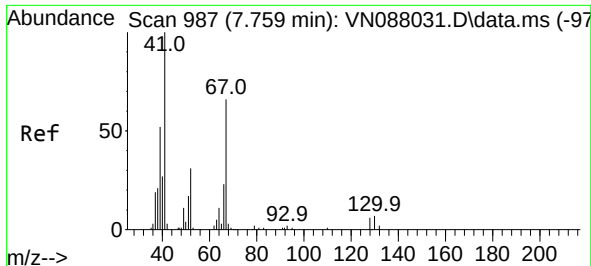
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#34
Benzene
Concen: 104.406 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

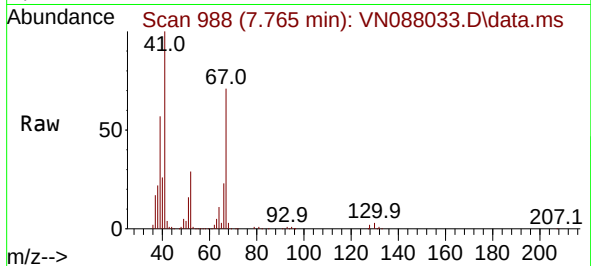
Tgt Ion: 78 Resp: 1880026
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3
51 17.3 15.6 23.4





#35
Methacrylonitrile
Concen: 102.726 ug/l
RT: 7.765 min Scan# 987
Delta R.T. 0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

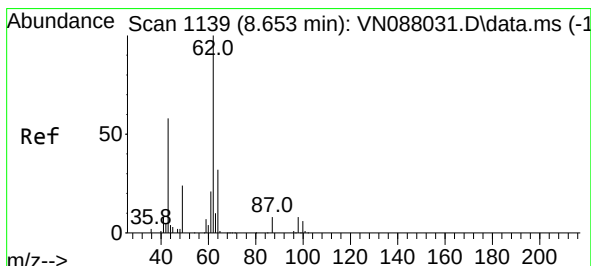
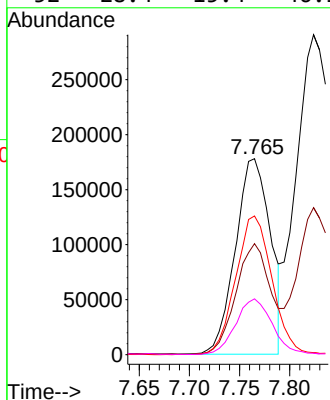
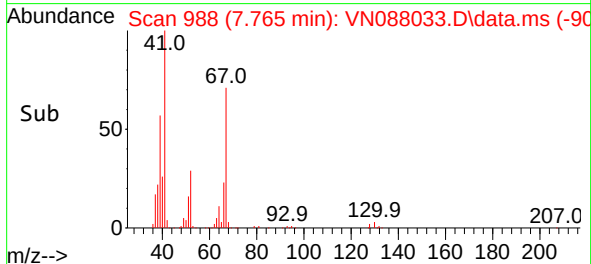
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 432524
Ion Ratio Lower Upper
41 100
39 56.5 26.1 78.3
67 70.8 33.1 99.2
52 28.4 15.4 46.1

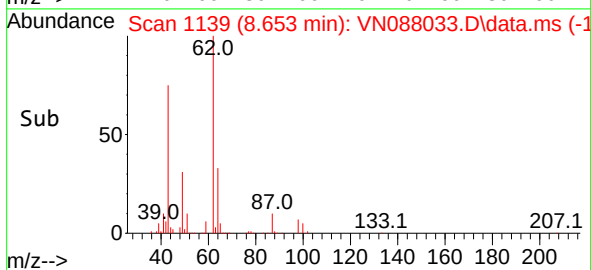
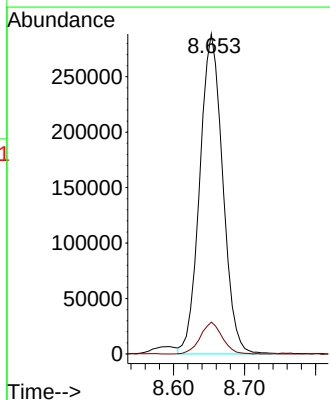
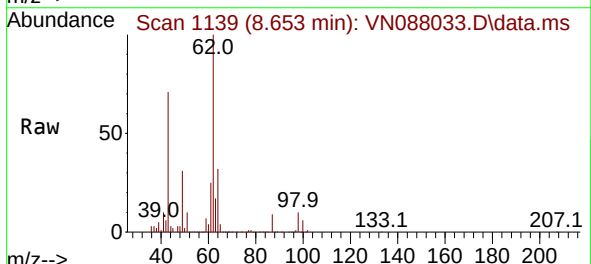
Manual Integrations
APPROVED

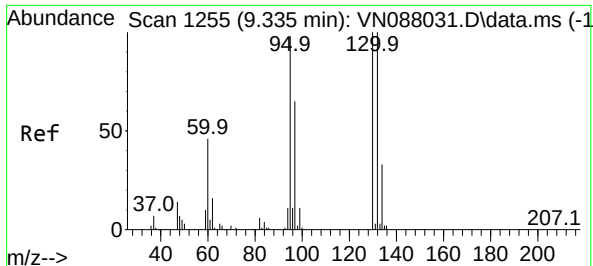
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#36
1,2-Dichloroethane
Concen: 103.896 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 62 Resp: 649488
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6





#37

Trichloroethene

Concen: 103.860 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN088033.D

Acq: 08 Oct 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 443090

Ion Ratio Lower Upper

130 100

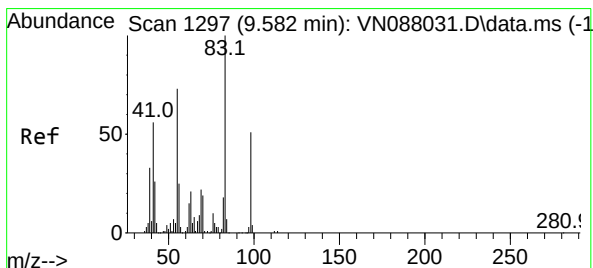
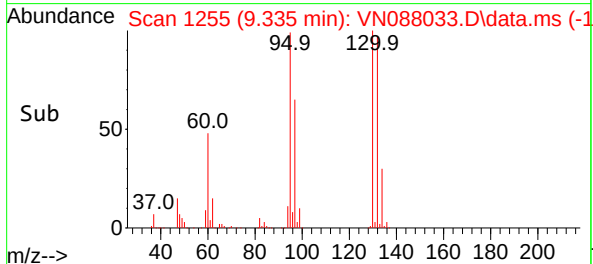
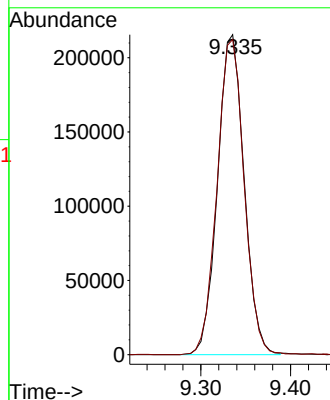
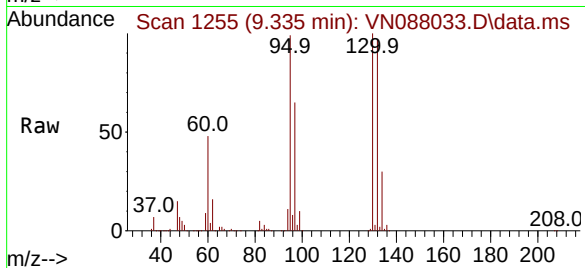
95 98.5 78.7 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#38

Methylcyclohexane

Concen: 104.502 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN088033.D

Acq: 08 Oct 2025 10:51

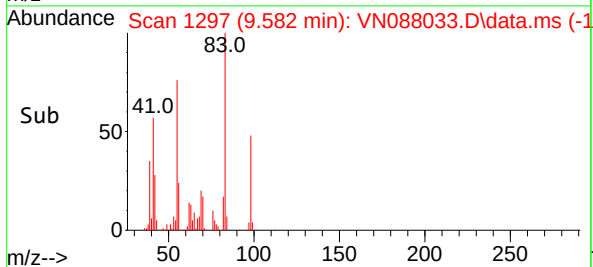
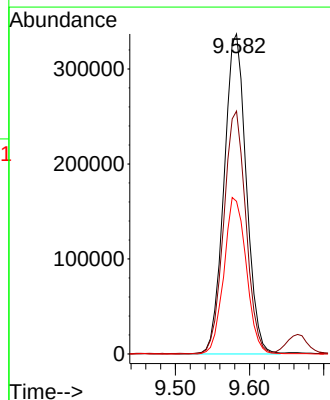
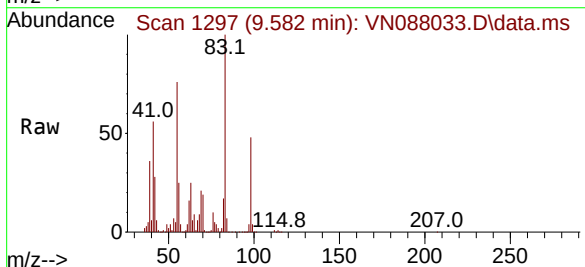
Tgt Ion: 83 Resp: 700603

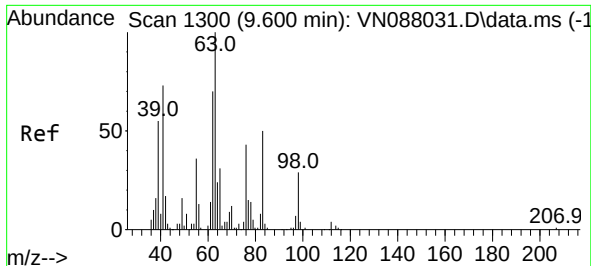
Ion Ratio Lower Upper

83 100

55 75.5 37.3 111.9

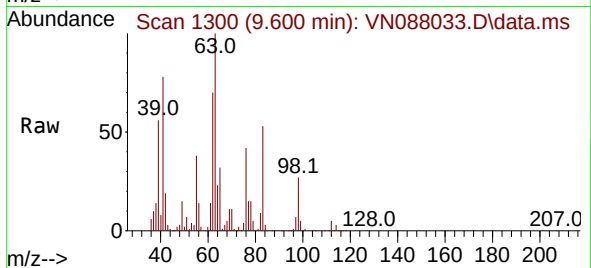
98 49.2 25.4 76.0





#39
1,2-Dichloropropane
Concen: 104.780 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

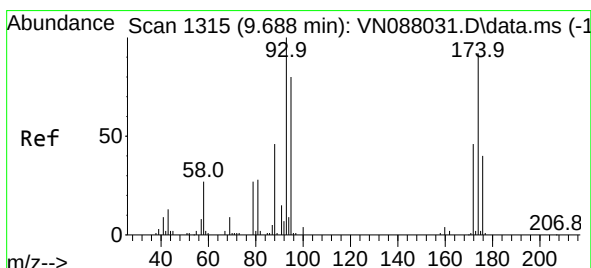
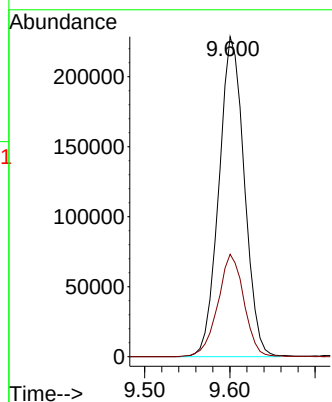
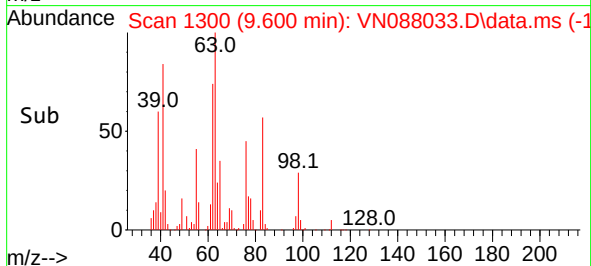
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



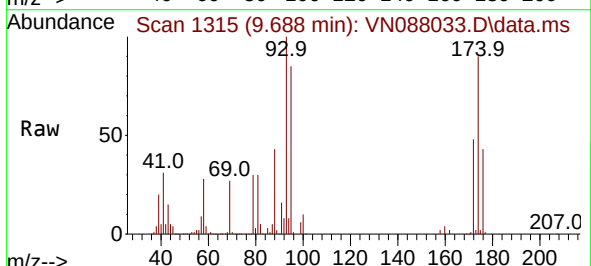
Tgt Ion: 63 Resp: 47309
Ion Ratio Lower Upper
63 100
65 31.9 25.0 37.6

Manual Integrations
APPROVED

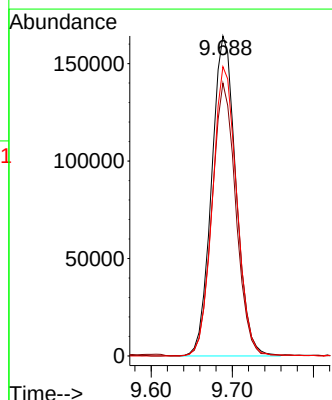
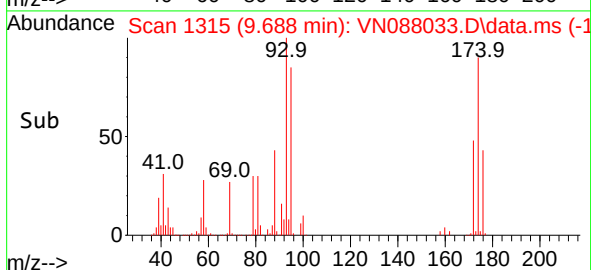
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

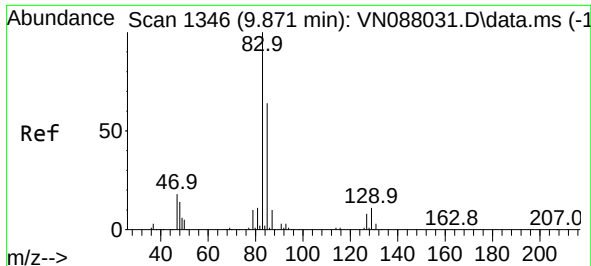


#40
Dibromomethane
Concen: 104.205 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



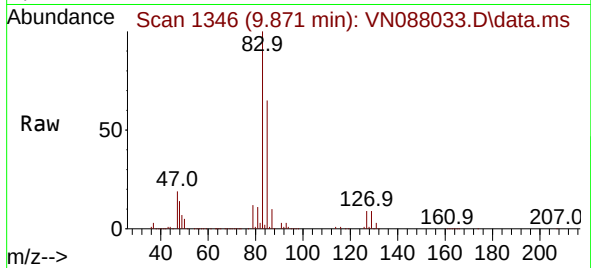
Tgt Ion: 93 Resp: 342480
Ion Ratio Lower Upper
93 100
95 83.5 0.0 158.6
174 89.8 0.0 180.8





#41
Bromodichloromethane
Concen: 104.491 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

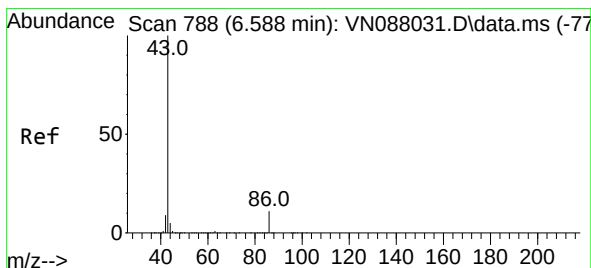
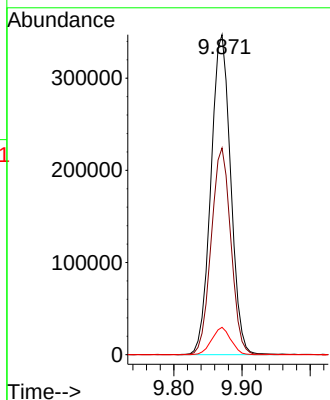
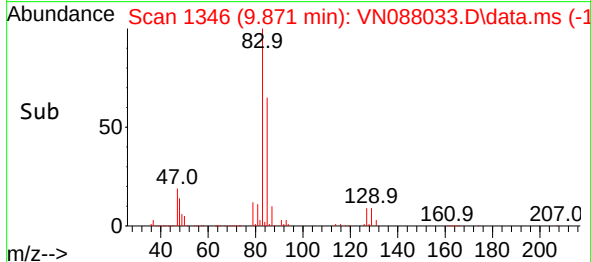
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 70139
Ion Ratio Lower Upper
83 100
85 64.6 51.0 76.4
127 8.6 6.1 9.1

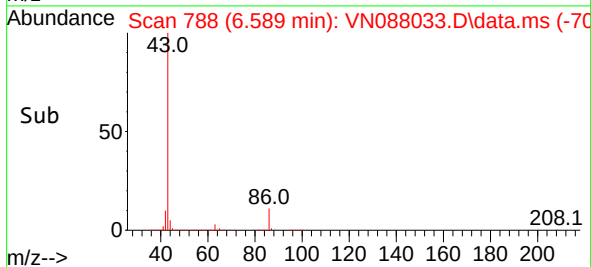
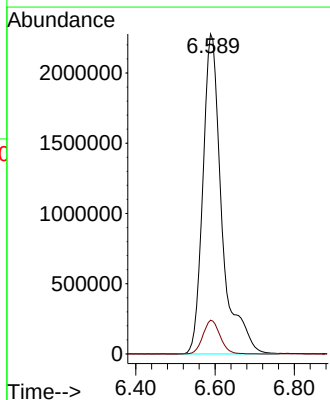
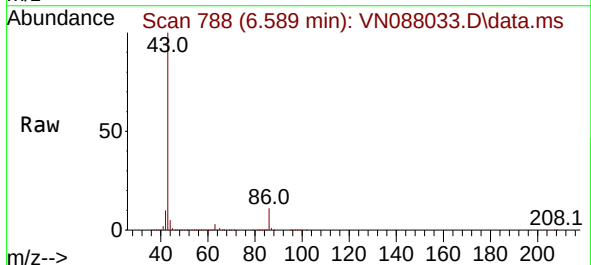
Manual Integrations
APPROVED

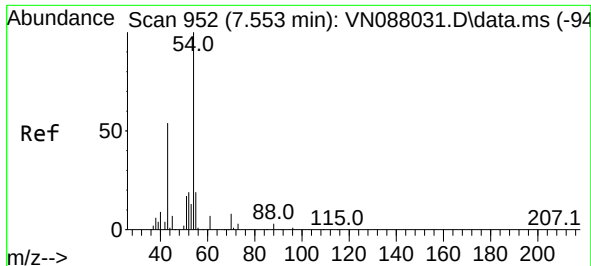
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#42
Vinyl Acetate
Concen: 553.092 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

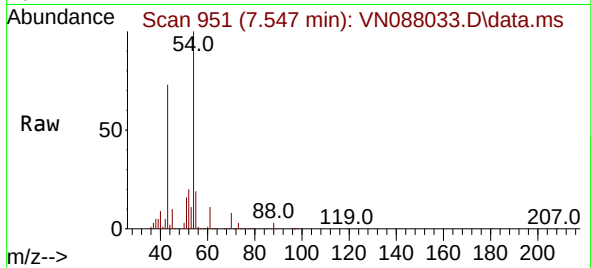
Tgt Ion: 43 Resp: 7544223
Ion Ratio Lower Upper
43 100
86 9.5 8.4 12.6





#43
Ethyl Acetate
Concen: 107.065 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

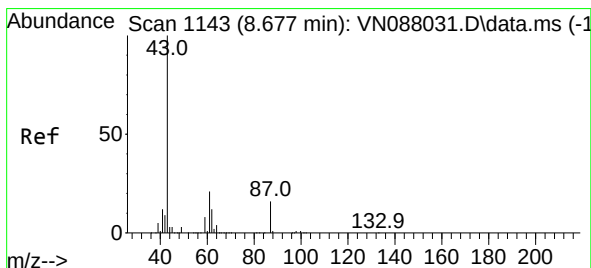
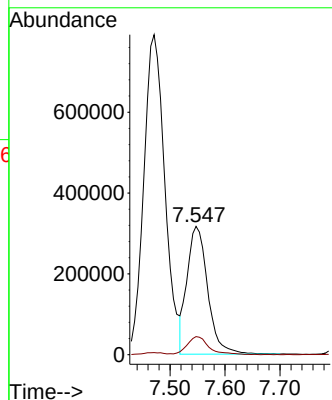
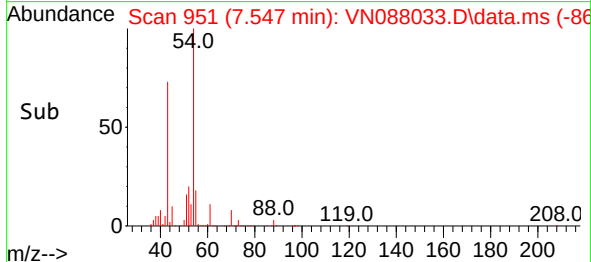
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 824040
Ion Ratio Lower Upper
43 100
45 14.2 10.2 15.4

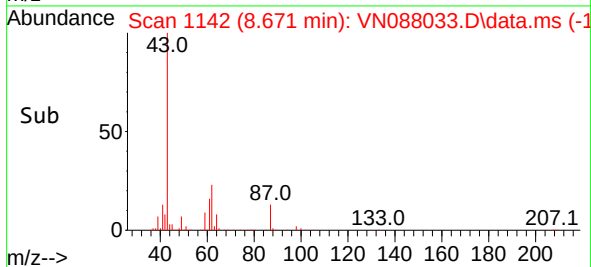
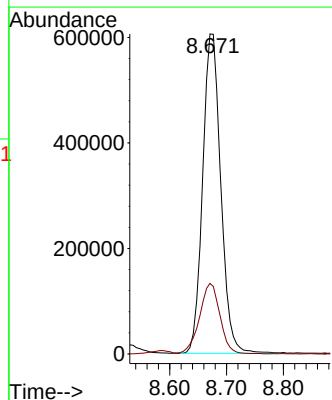
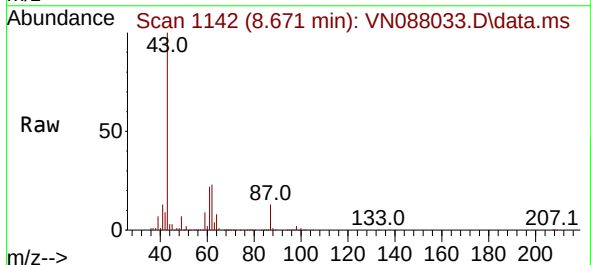
Manual Integrations
APPROVED

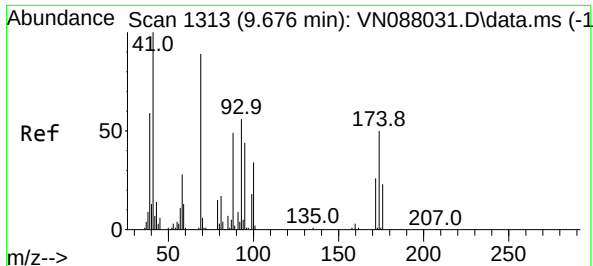
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#44
Isopropyl Acetate
Concen: 106.561 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 43 Resp: 1339571
Ion Ratio Lower Upper
43 100
61 24.6 18.7 28.1





#45

1,4-Dioxane

Concen: 2135.793 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN088033.D

Acq: 08 Oct 2025 10:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 178569

Ion Ratio Lower Upper

88 100

43 27.5 18.6 27.8

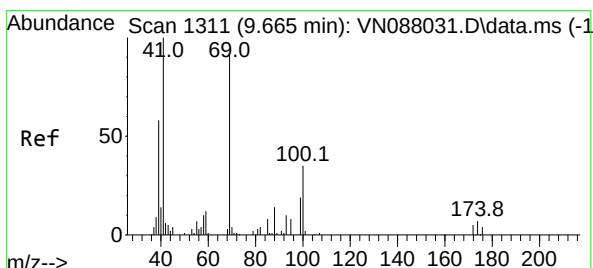
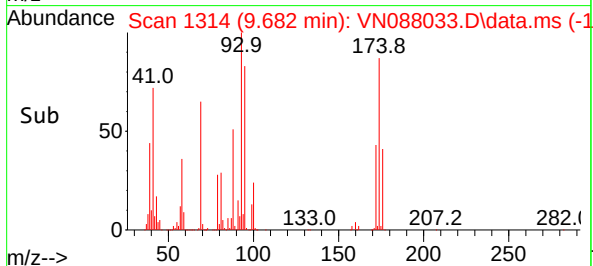
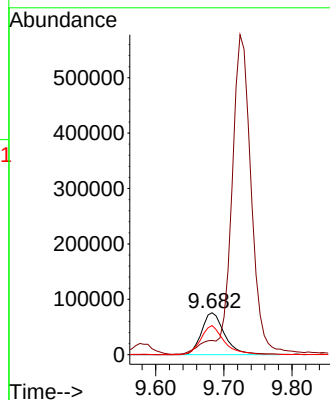
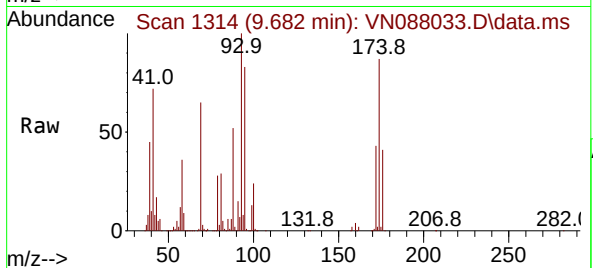
58 70.0 57.4 86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#46

Methyl methacrylate

Concen: 109.554 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VN088033.D

Acq: 08 Oct 2025 10:51

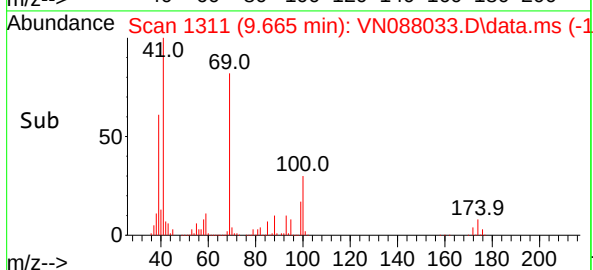
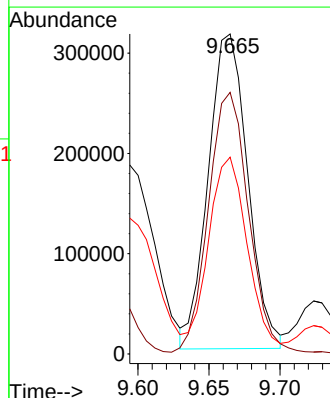
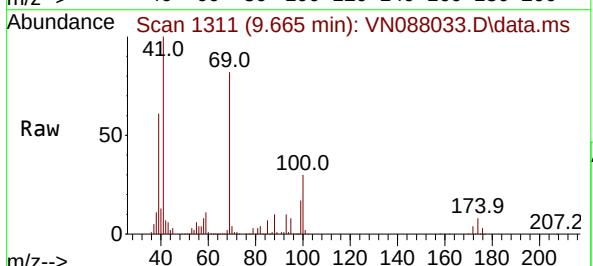
Tgt Ion: 41 Resp: 606493

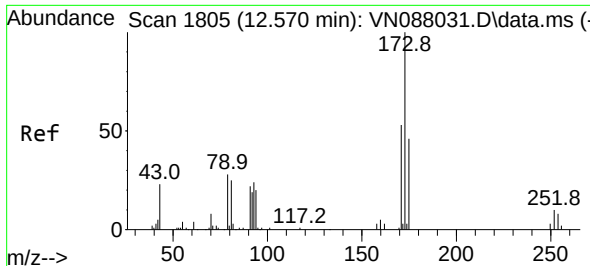
Ion Ratio Lower Upper

41 100

69 84.8 44.9 134.7

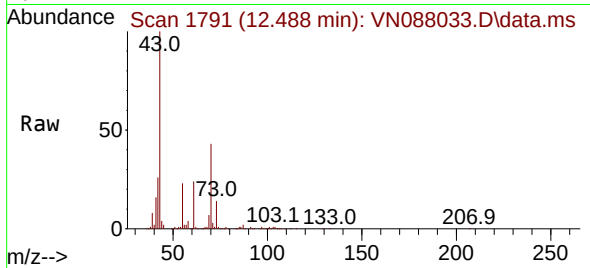
39 61.8 30.3 90.8





#47
n-amyl acetate
Concen: 115.116 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.082 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

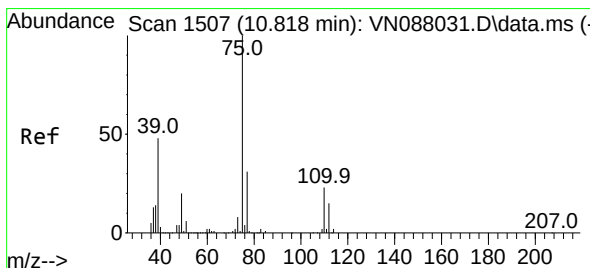
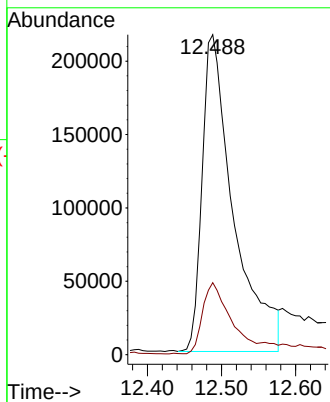
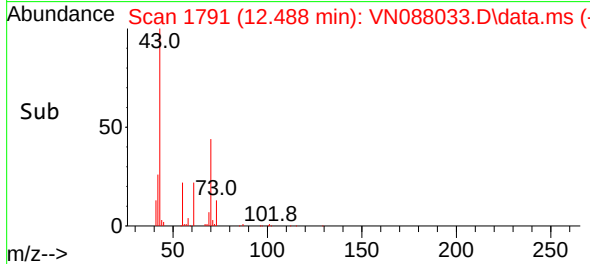
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



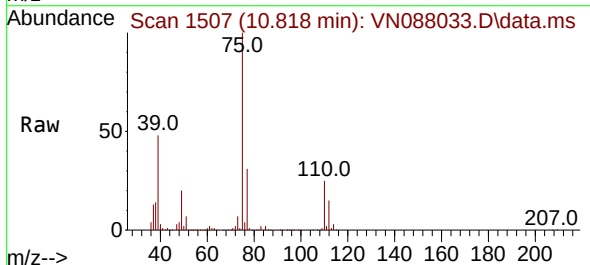
Tgt Ion: 43 Resp: 63585
Ion Ratio Lower Upper
43 100
55 19.9 0.6 0.8

Manual Integrations
APPROVED

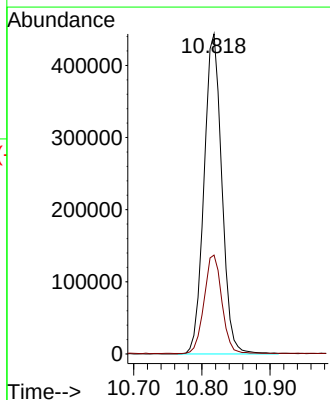
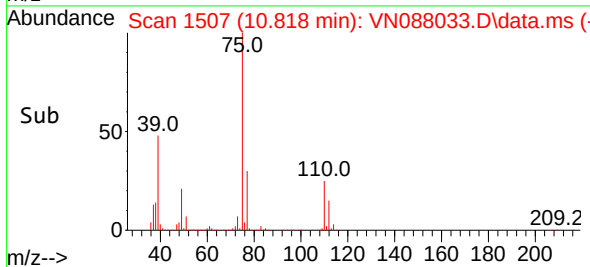
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

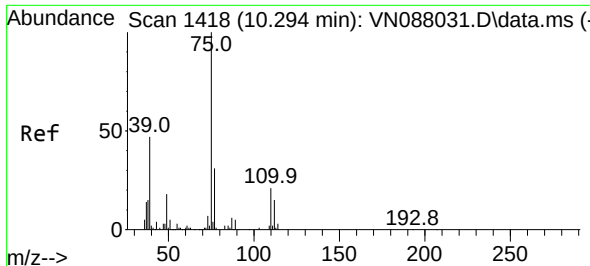


#48
t-1,3-Dichloropropene
Concen: 107.816 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



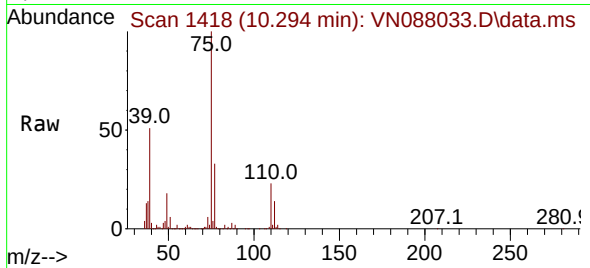
Tgt Ion: 75 Resp: 804743
Ion Ratio Lower Upper
75 100
77 30.7 24.5 36.7





#49
cis-1,3-Dichloropropene
Concen: 106.155 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

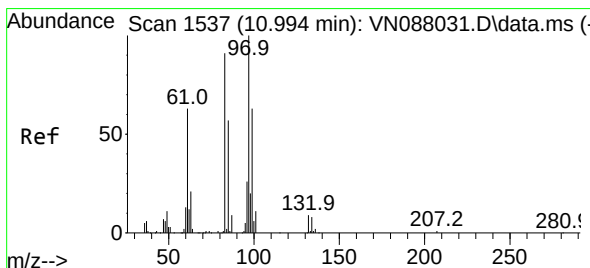
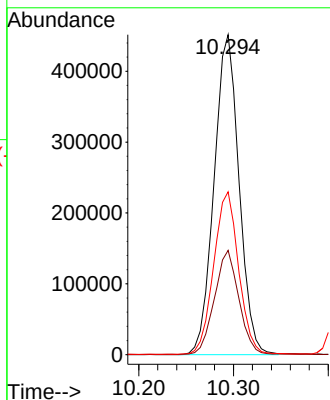
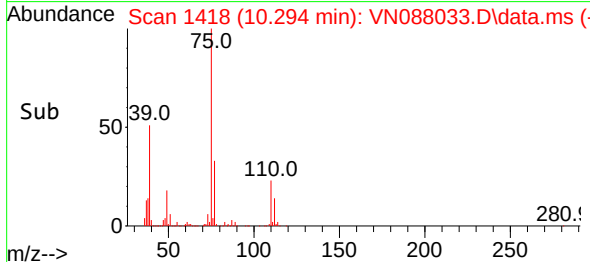
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 826510
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4
39 50.7 37.4 56.0

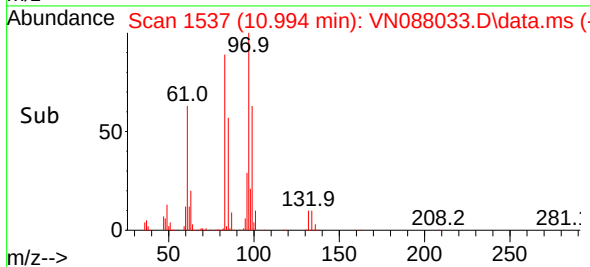
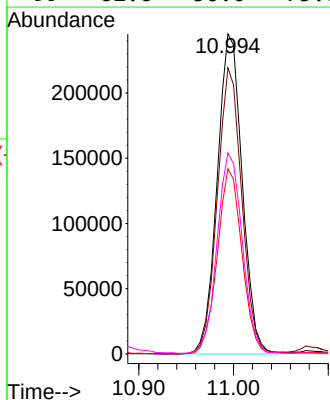
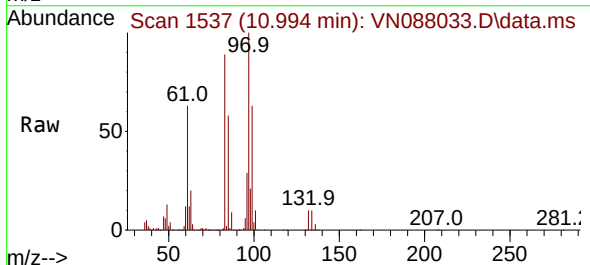
Manual Integrations
APPROVED

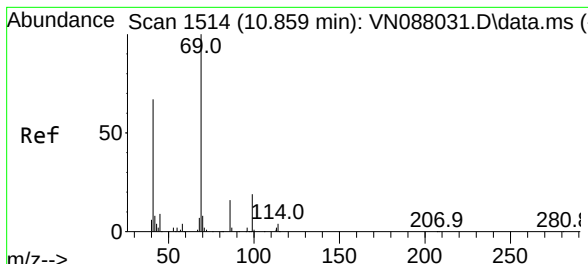
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#50
1,1,2-Trichloroethane
Concen: 103.515 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 97 Resp: 450541
Ion Ratio Lower Upper
97 100
83 89.4 72.5 108.7
85 57.9 45.5 68.3
99 62.6 50.0 75.0





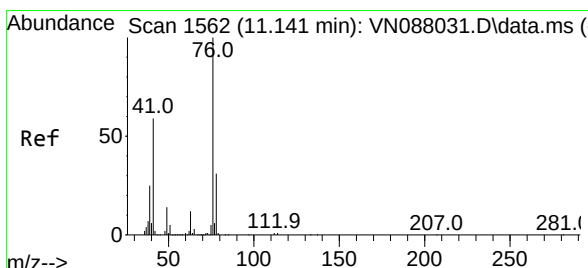
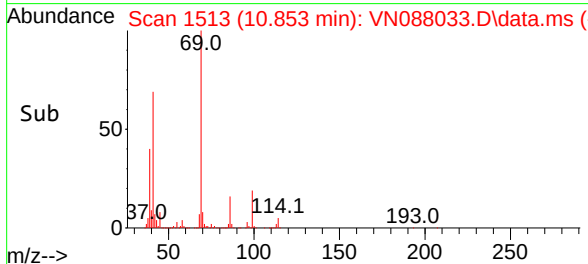
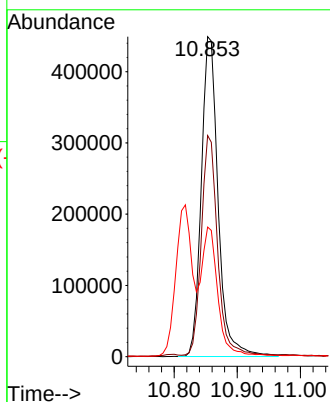
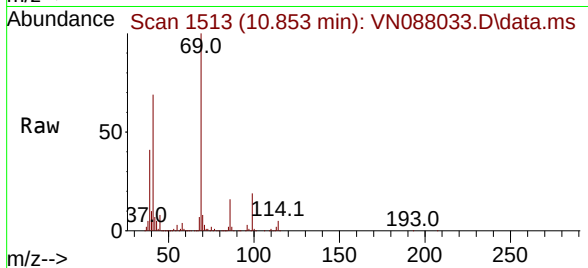
#51
 Ethyl methacrylate
 Concen: 112.866 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.006 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

Instrument : MSVOA_N
 ClientSampleId : VSTDICC100

Tgt Ion: 69 Resp: 831363
 Ion Ratio Lower Upper
 69 100
 41 68.7 33.3 99.8
 39 40.1 20.3 61.0

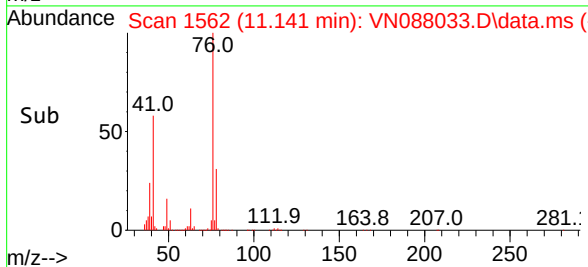
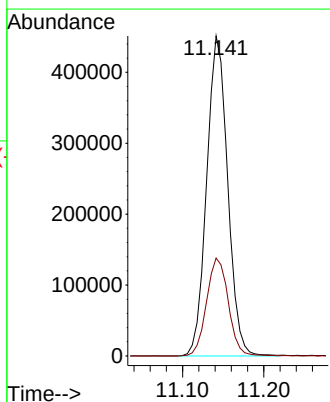
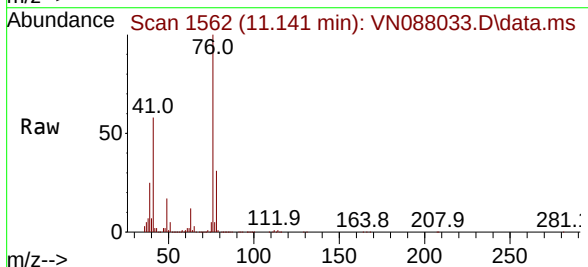
Manual Integrations
 APPROVED

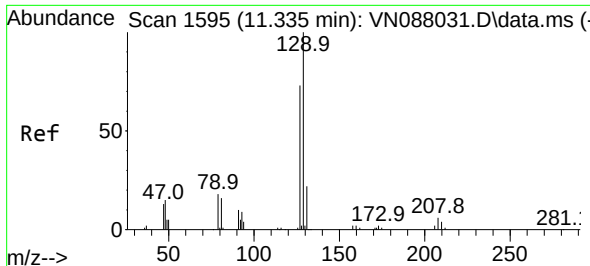
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#52
 1,3-Dichloropropane
 Concen: 106.748 ug/l
 RT: 11.141 min Scan# 1562
 Delta R.T. 0.000 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

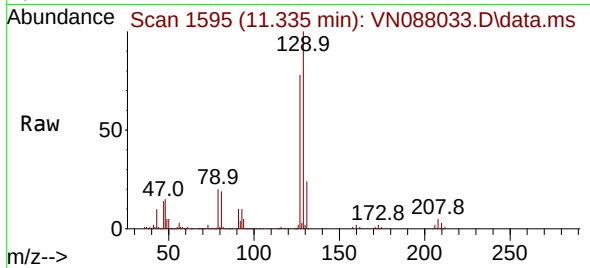
Tgt Ion: 76 Resp: 810597
 Ion Ratio Lower Upper
 76 100
 78 31.6 0.0 65.0





#53
Dibromochloromethane
Concen: 107.583 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

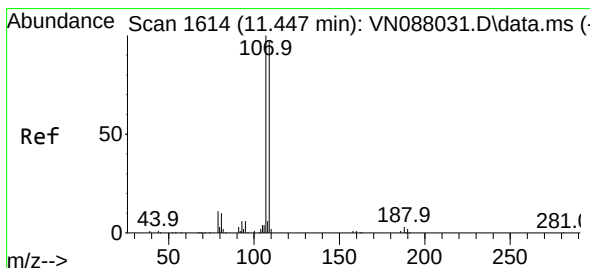
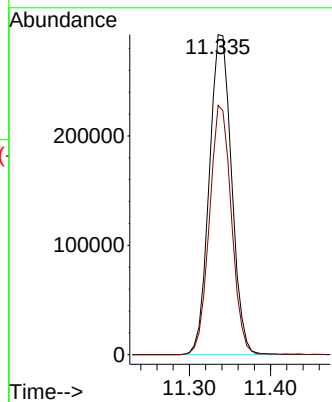
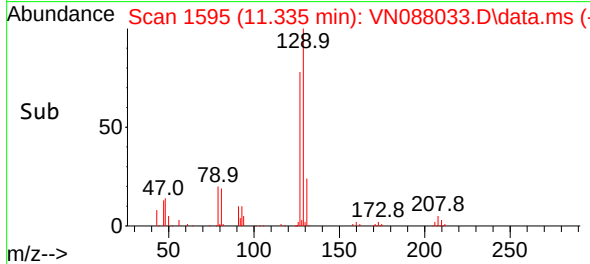
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



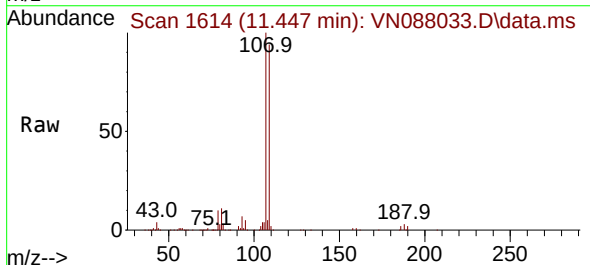
Tgt Ion:129 Resp: 55978
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3

Manual Integrations
APPROVED

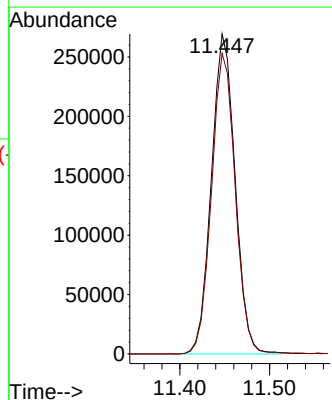
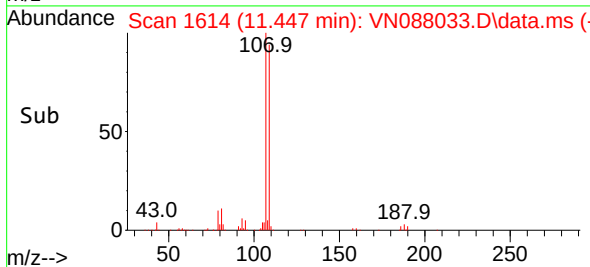
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

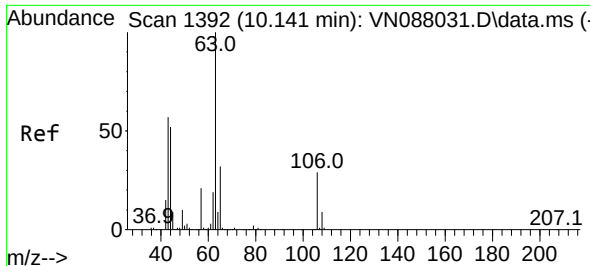


#54
1,2-Dibromoethane
Concen: 106.100 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



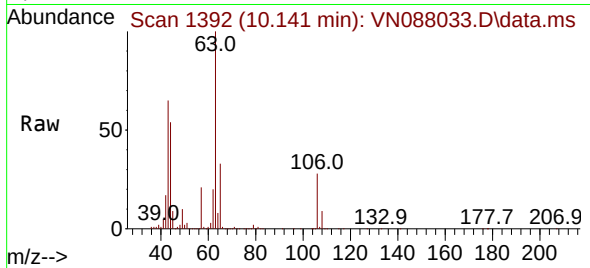
Tgt Ion:107 Resp: 493699
Ion Ratio Lower Upper
107 100
109 94.2 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 536.342 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

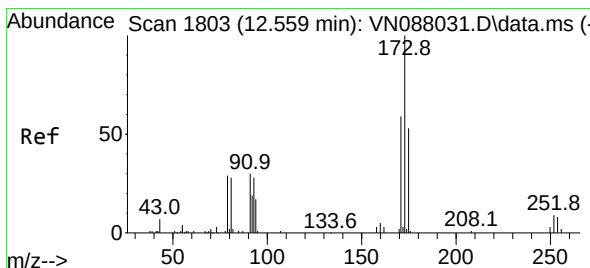
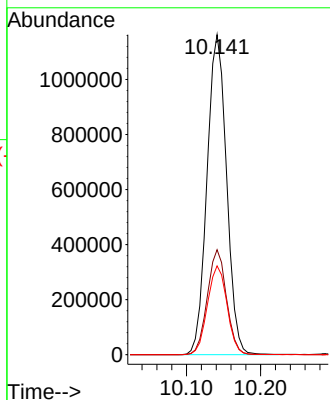
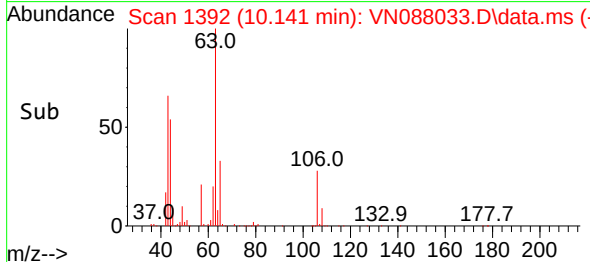
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 63 Resp: 2132450
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 27.8 22.6 34.0

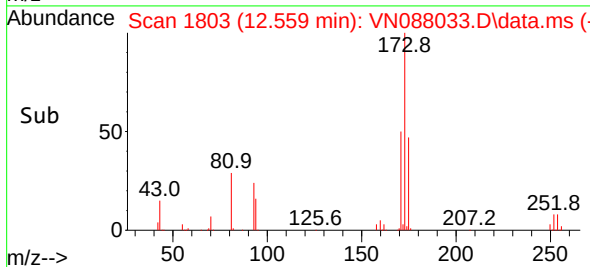
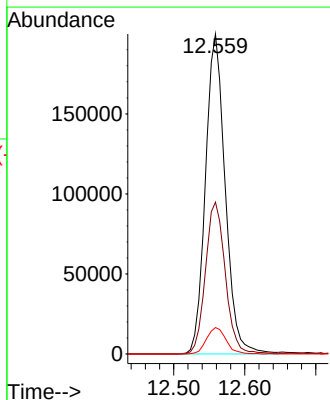
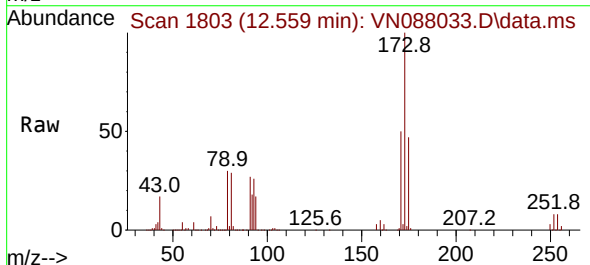
Manual Integrations
APPROVED

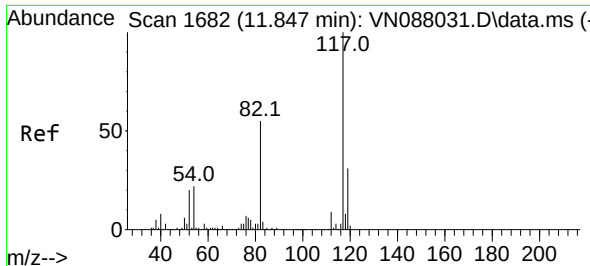
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56
Bromoform
Concen: 109.728 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

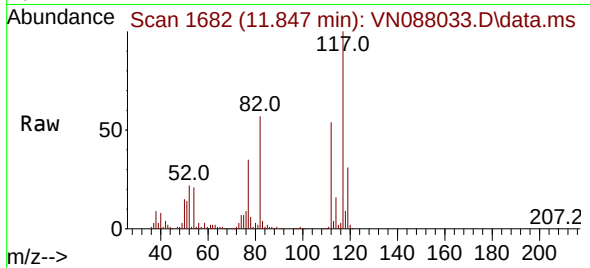
Tgt Ion:173 Resp: 386003
Ion Ratio Lower Upper
173 100
175 47.8 39.6 59.4
254 8.1 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

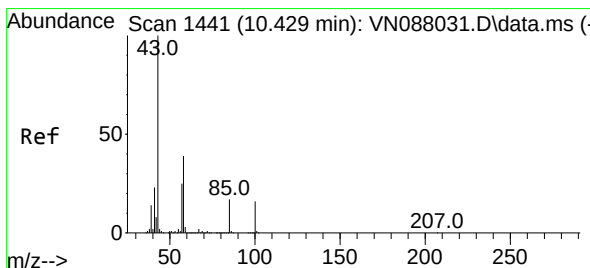
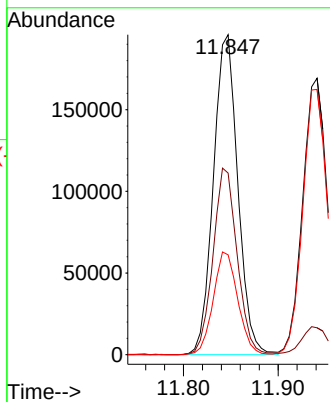
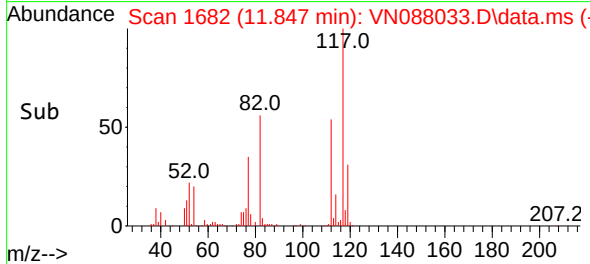
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 351650
Ion Ratio Lower Upper
117 100
82 57.7 45.2 67.8
119 32.2 25.9 38.9

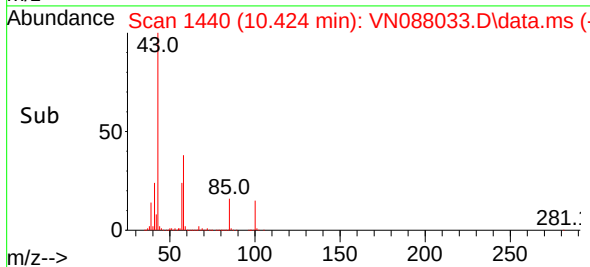
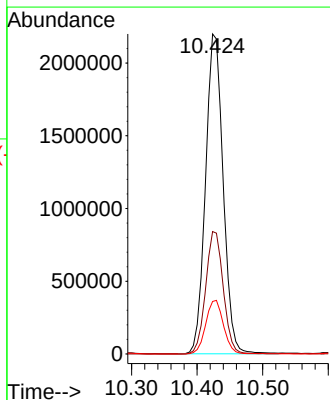
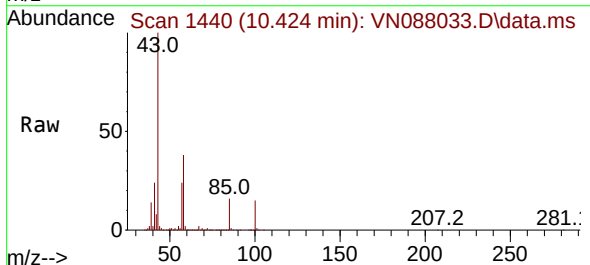
Manual Integrations
APPROVED

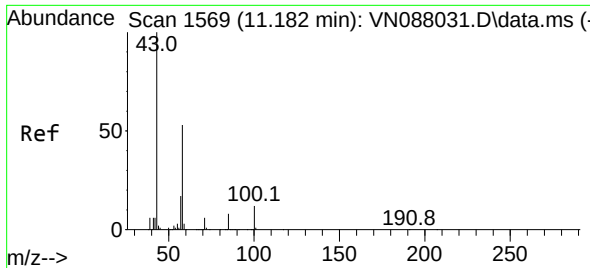
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58
4-Methyl-2-Pentanone
Concen: 523.371 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

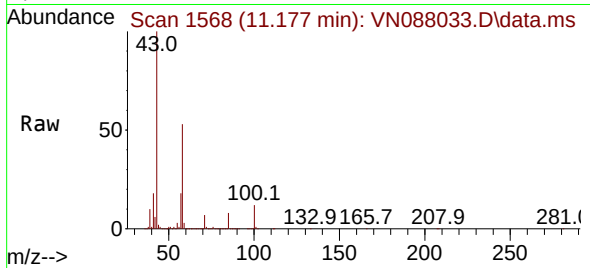
Tgt Ion: 43 Resp: 4116685
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8
85 16.9 13.7 20.5





#59
2-Hexanone
Concen: 563.852 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

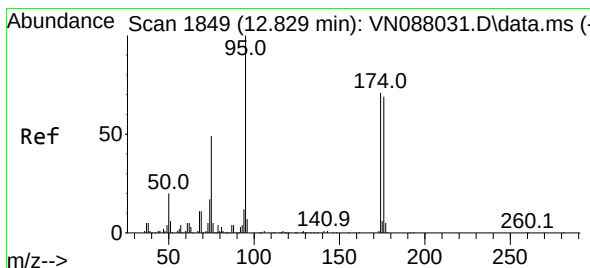
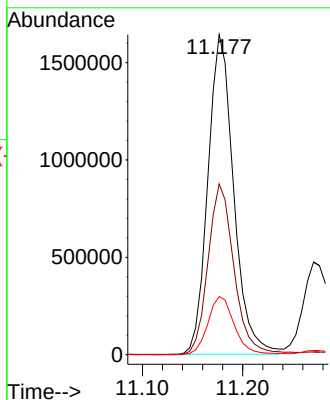
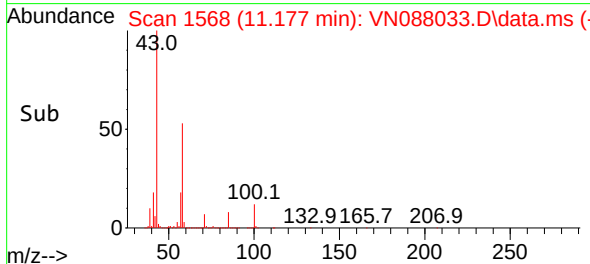
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



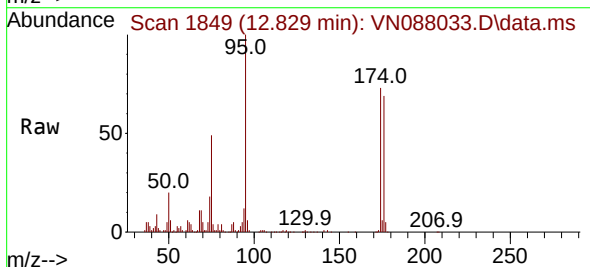
Tgt Ion: 43 Resp: 292821
Ion Ratio Lower Upper
43 100
58 53.7 43.1 64.7
57 18.7 14.6 21.8

Manual Integrations
APPROVED

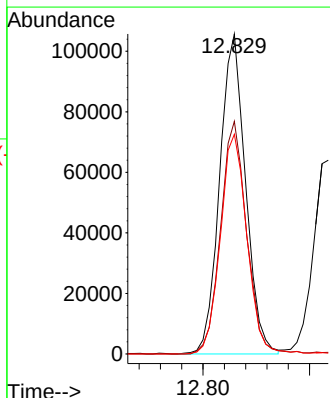
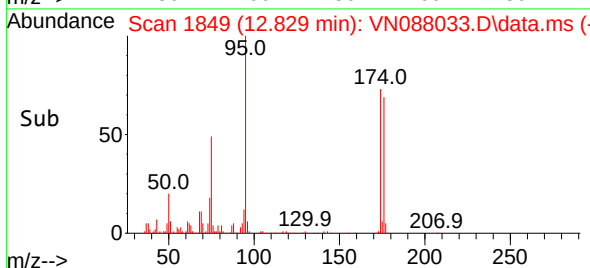
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

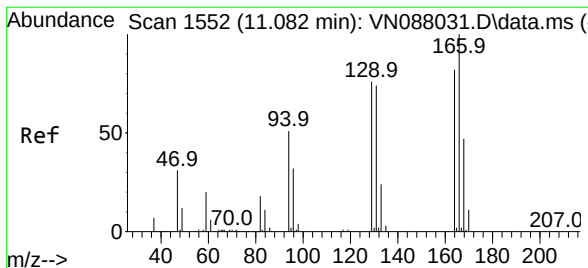


#60
4-Bromofluorobenzene
Concen: 30.730 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



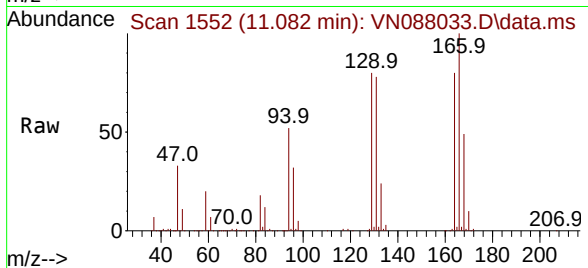
Tgt Ion: 95 Resp: 178151
Ion Ratio Lower Upper
95 100
174 73.0 57.4 86.0
176 70.4 57.0 85.4





#61
Tetrachloroethene
Concen: 101.796 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

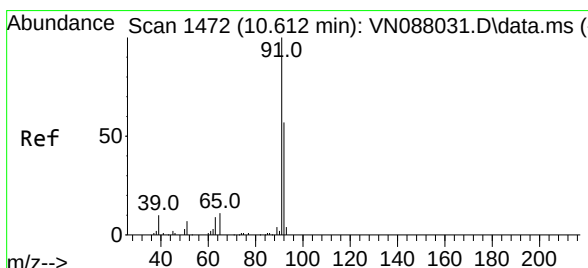
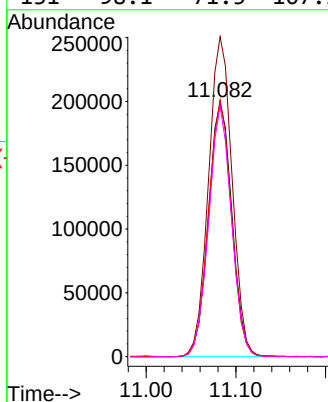
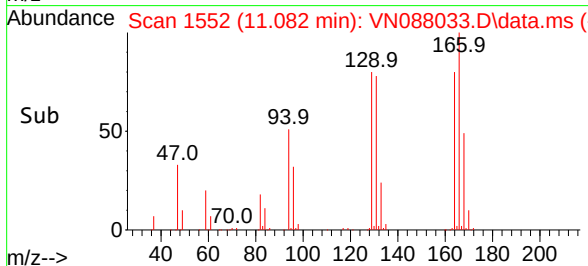
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:164 Resp: 362500
Ion Ratio Lower Upper
164 100
166 125.5 97.2 145.8
129 100.8 73.7 110.5
131 98.1 71.5 107.3

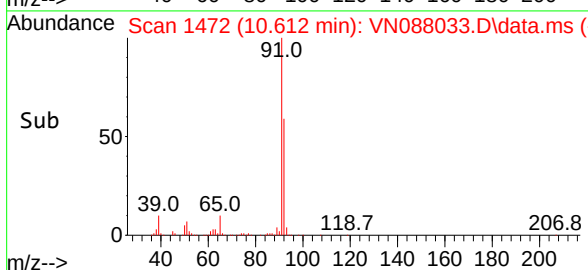
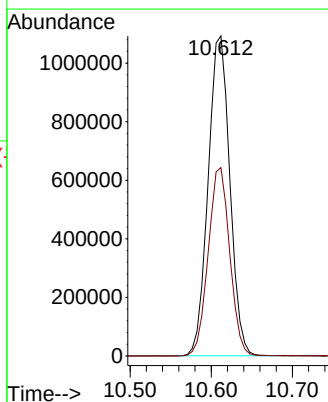
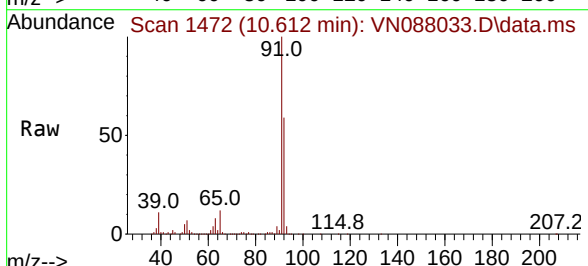
Manual Integrations
APPROVED

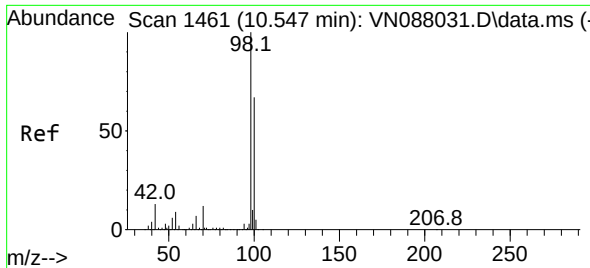
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#62
Toluene
Concen: 101.652 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

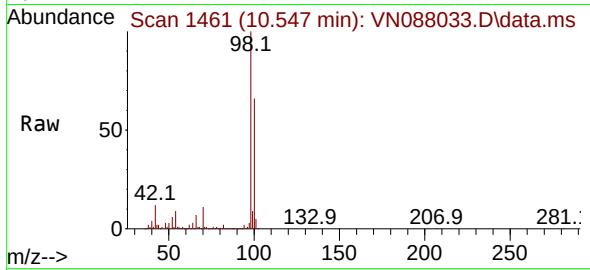
Tgt Ion: 91 Resp: 2027659
Ion Ratio Lower Upper
91 100
92 58.5 45.8 68.8





#63
Toluene-d8
Concen: 29.837 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

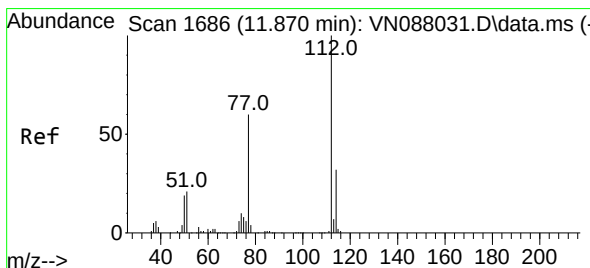
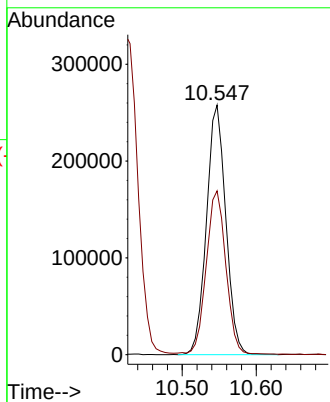
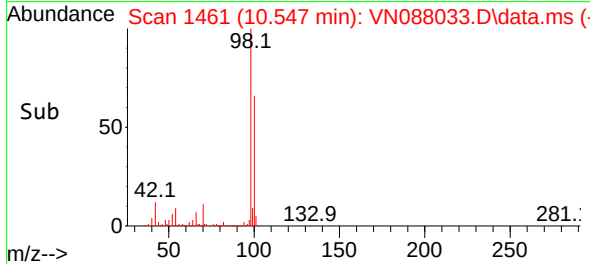
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 98 Resp: 467474
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

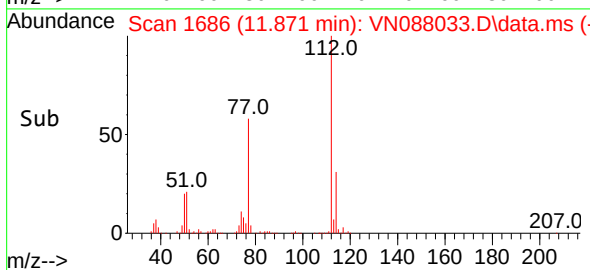
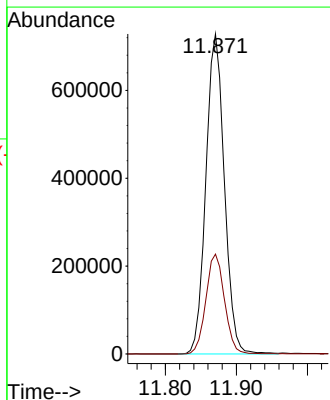
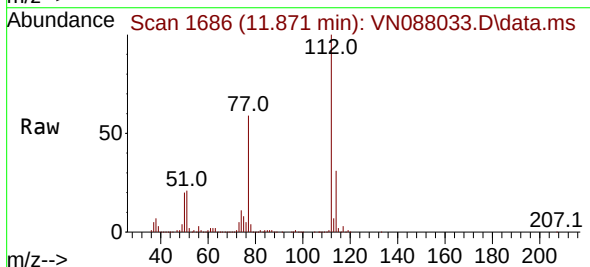
Manual Integrations
APPROVED

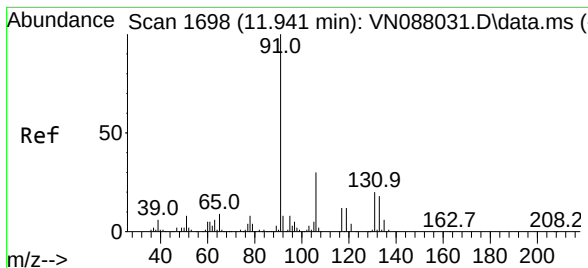
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
Chlorobenzene
Concen: 103.379 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

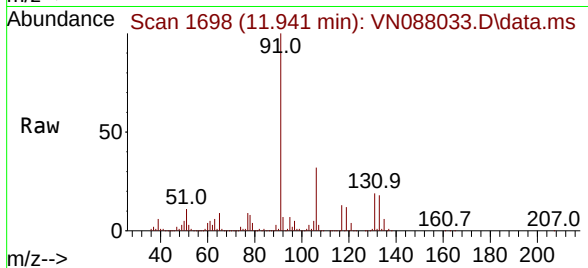
Tgt Ion:112 Resp: 1317139
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 102.148 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

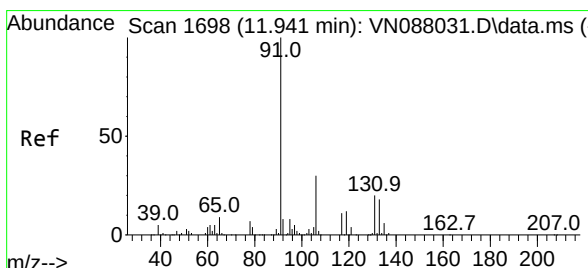
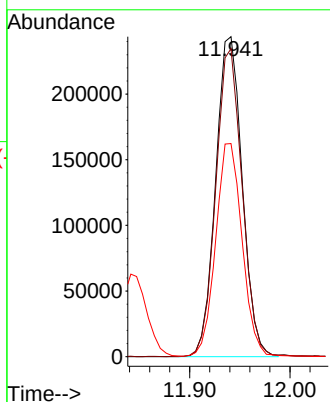
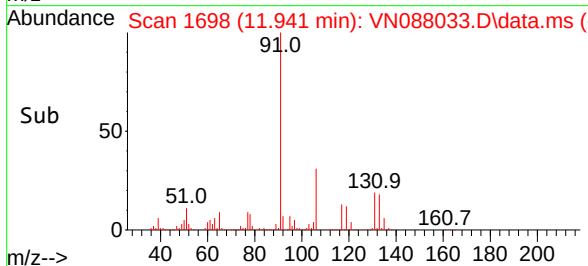
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:131 Resp: 44850
Ion Ratio Lower Upper
131 100
133 95.0 0.0 183.8
119 66.5 0.0 132.0

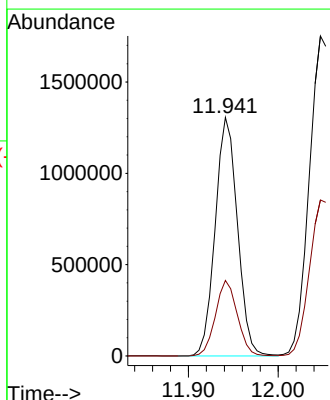
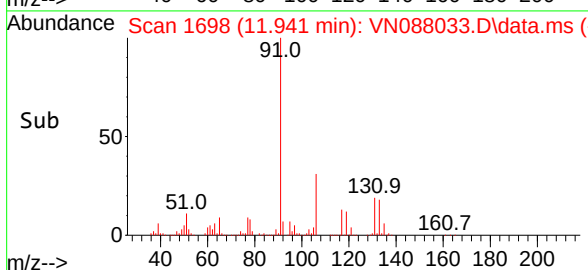
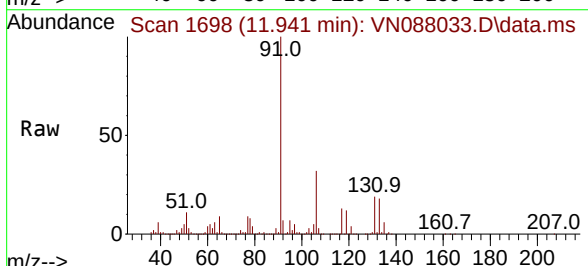
Manual Integrations
APPROVED

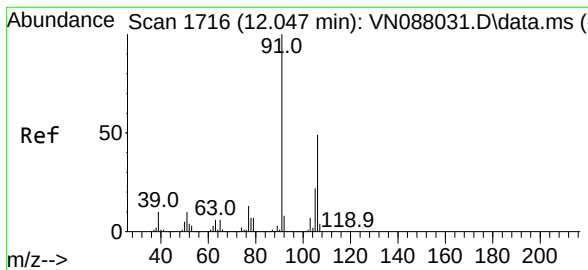
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#66
Ethyl Benzene
Concen: 103.692 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 91 Resp: 2249065
Ion Ratio Lower Upper
91 100
106 31.7 24.0 36.0





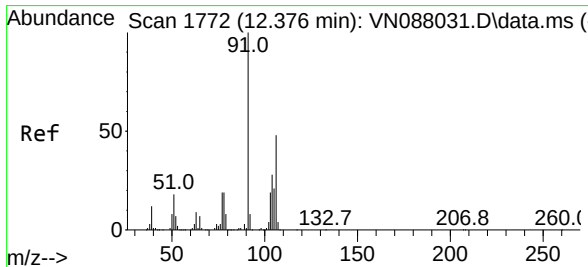
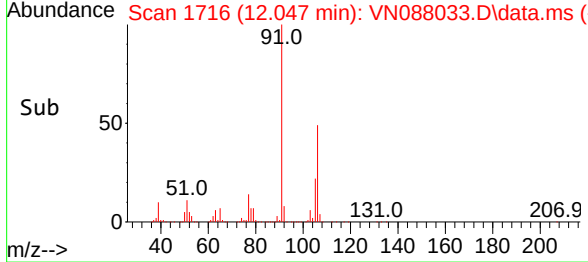
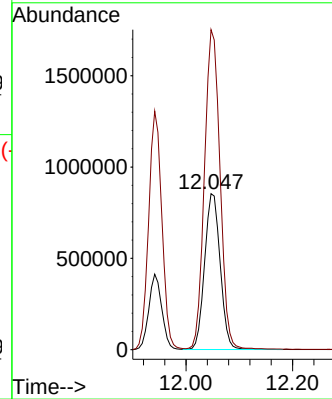
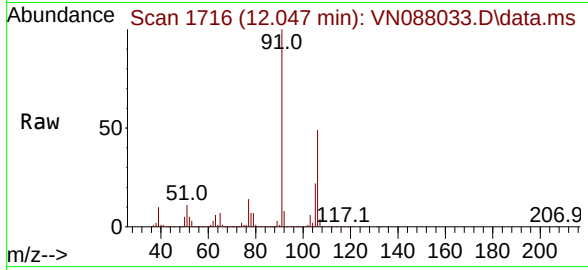
#67
m/p-Xylenes
Concen: 207.080 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 173151
Ion Ratio Lower Upper
106 100
91 203.3 161.4 242.0

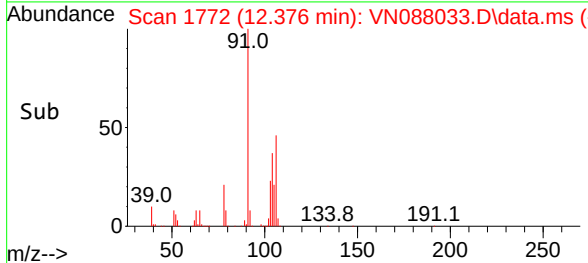
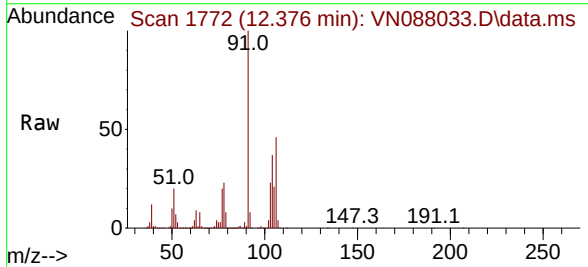
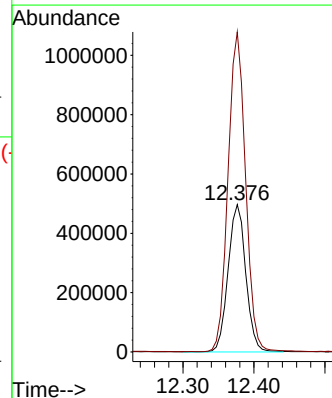
Manual Integrations
APPROVED

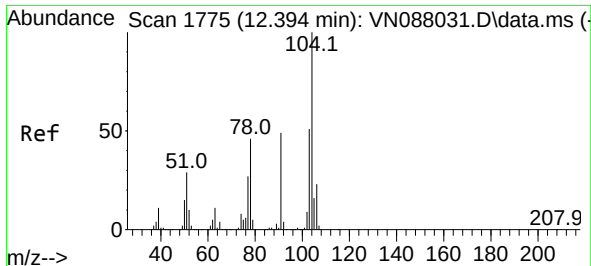
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#68
o-Xylene
Concen: 103.111 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

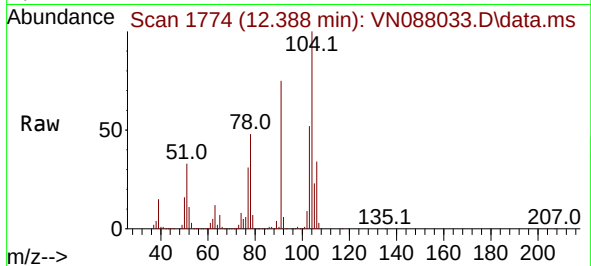
Tgt Ion:106 Resp: 858288
Ion Ratio Lower Upper
106 100
91 214.7 105.2 315.6





#69
Styrene
Concen: 106.005 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

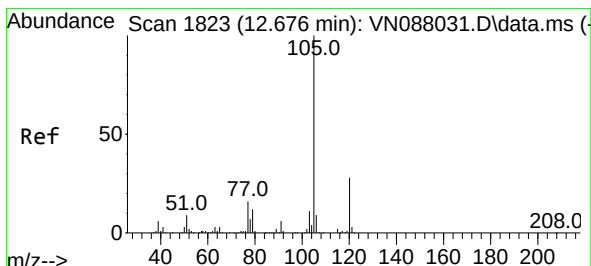
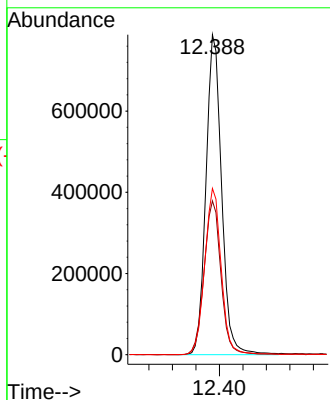
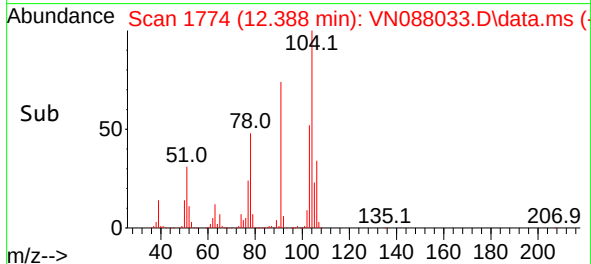
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:104 Resp: 1459630
Ion Ratio Lower Upper
104 100
78 51.6 41.8 62.6
103 54.5 44.9 67.3

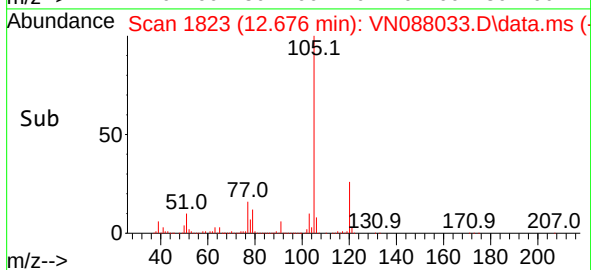
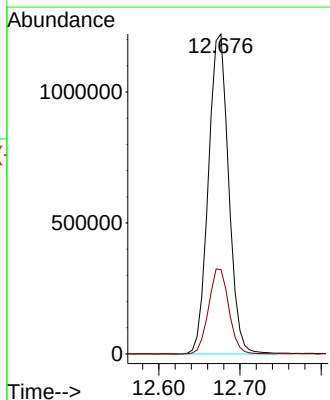
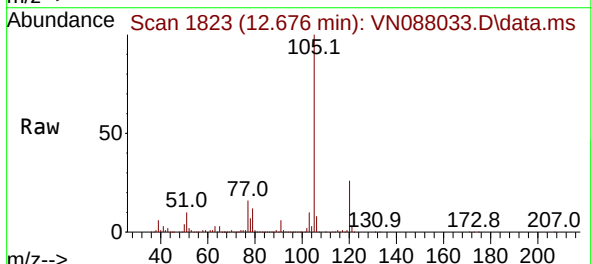
Manual Integrations
APPROVED

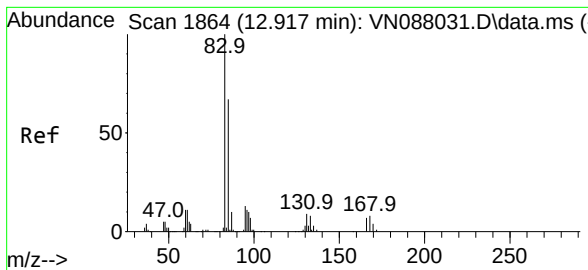
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#70
Isopropylbenzene
Concen: 103.677 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

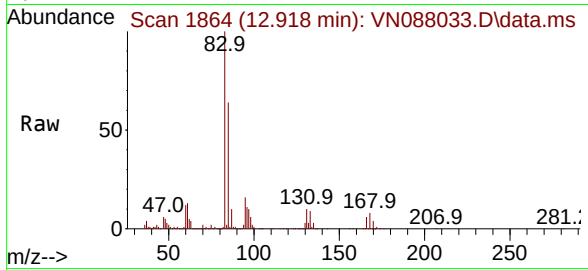
Tgt Ion:105 Resp: 2115128
Ion Ratio Lower Upper
105 100
120 26.6 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 103.664 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

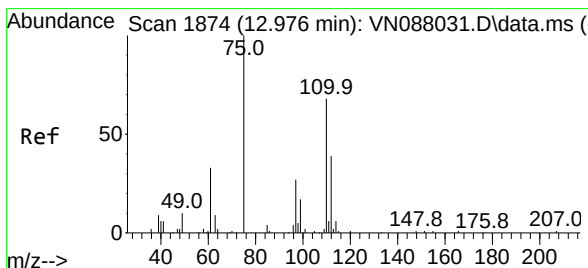
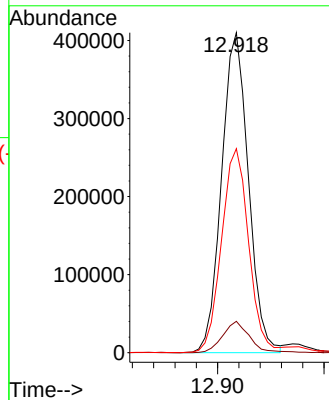
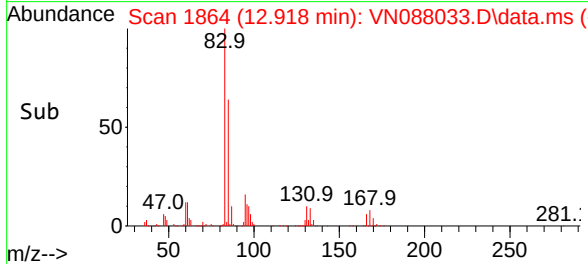
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



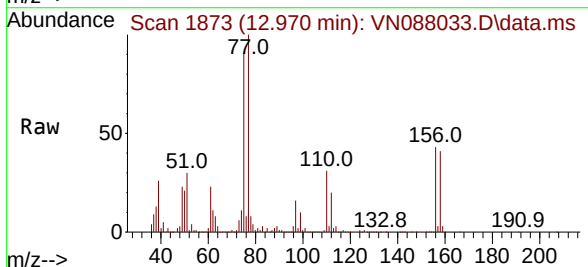
Tgt Ion: 83 Resp: 717000
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 64.1 32.4 97.2

Manual Integrations
APPROVED

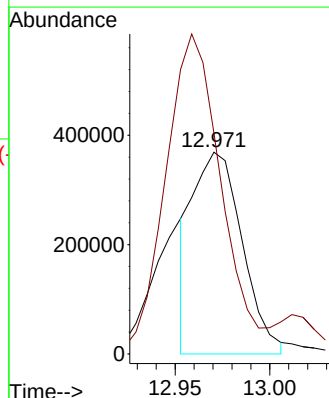
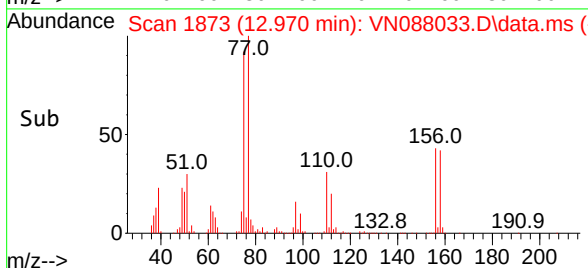
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

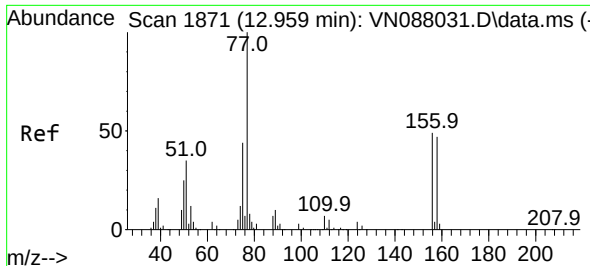


#72
1,2,3-Trichloropropane
Concen: 99.654 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



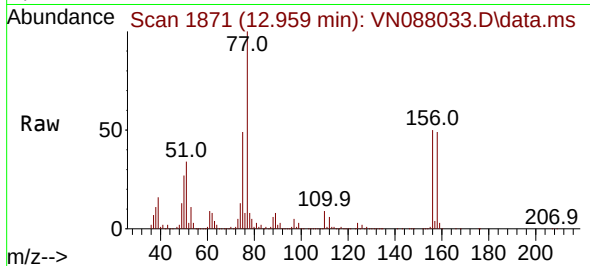
Tgt Ion: 75 Resp: 669076
Ion Ratio Lower Upper
75 100
77 176.6 0.0 364.0





#73
Bromobenzene
Concen: 103.282 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

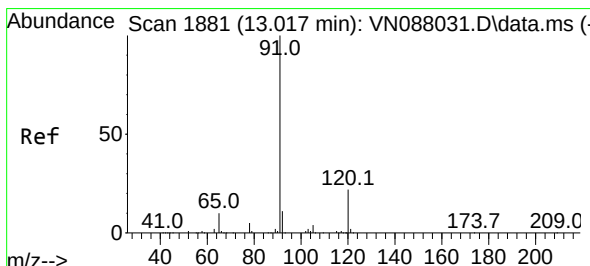
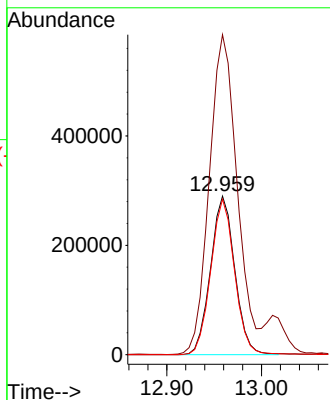
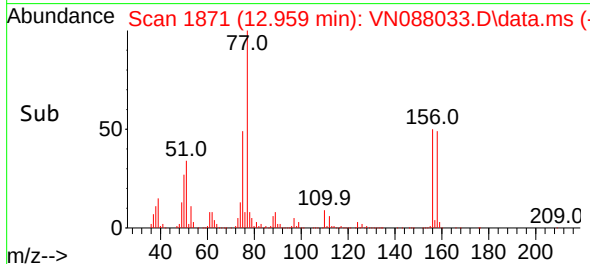
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:156 Resp: 514990
Ion Ratio Lower Upper
156 100
77 229.5 0.0 439.8
158 96.6 0.0 190.0

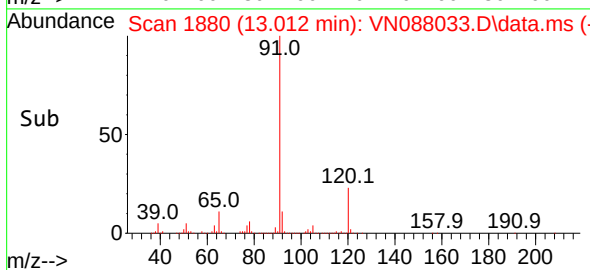
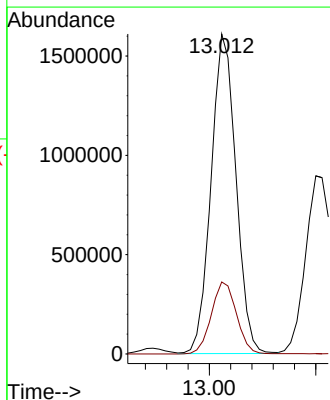
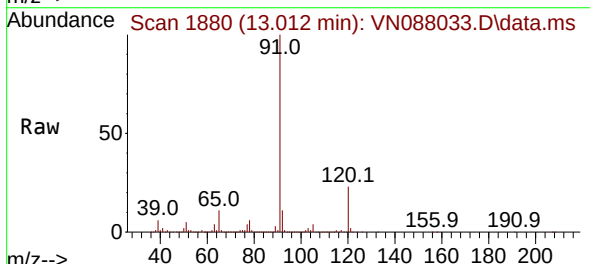
Manual Integrations
APPROVED

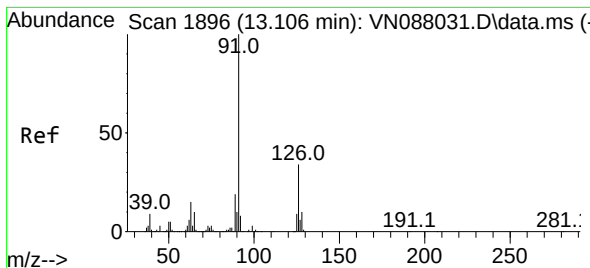
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#74
n-propylbenzene
Concen: 105.847 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 91 Resp: 2606776
Ion Ratio Lower Upper
91 100
120 22.8 0.0 46.2





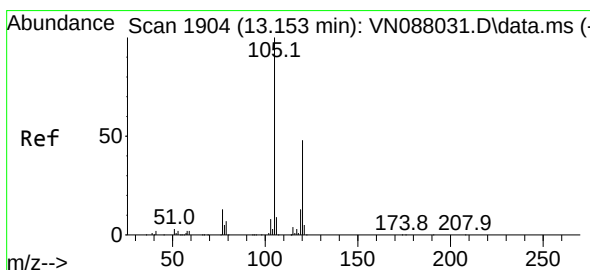
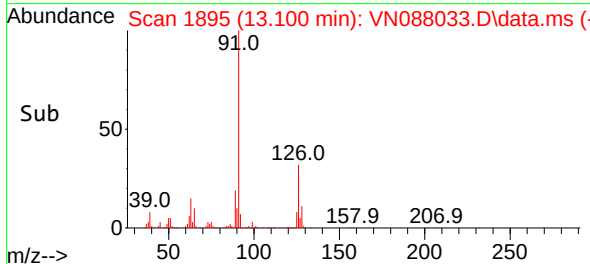
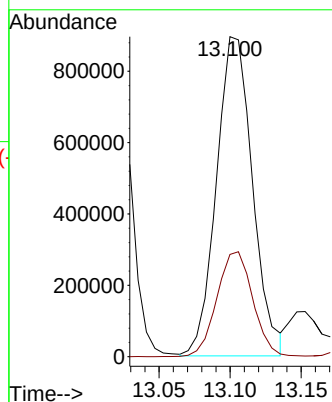
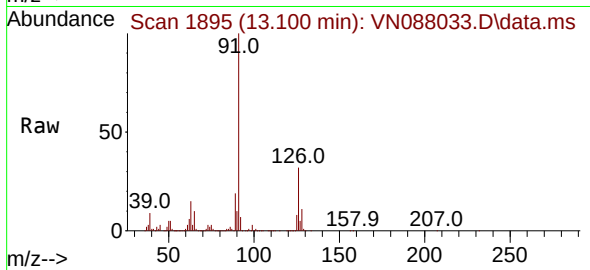
#75
2-Chlorotoluene
Concen: 105.221 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 158448
Ion Ratio Lower Upper
91 100
126 32.7 0.0 66.6

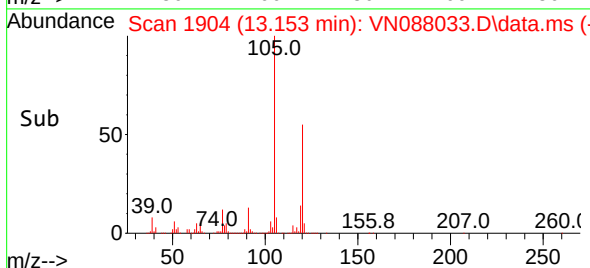
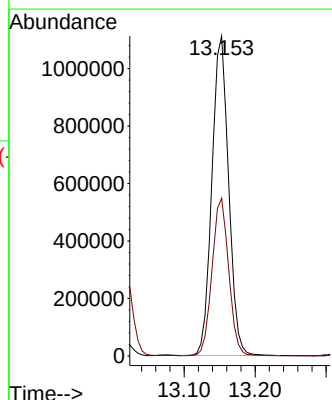
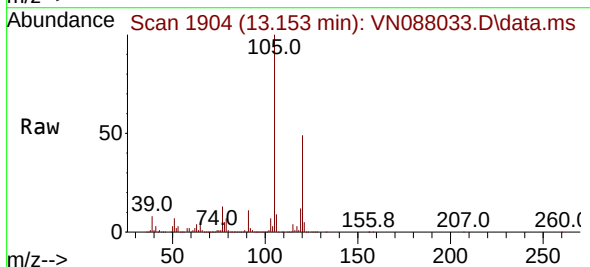
Manual Integrations
APPROVED

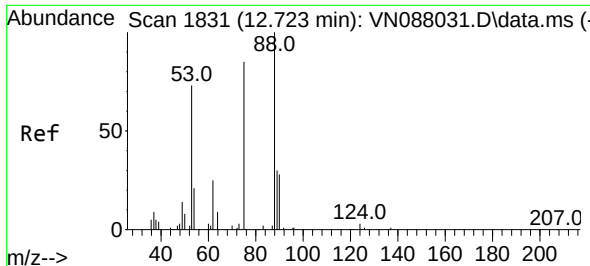
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 104.730 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

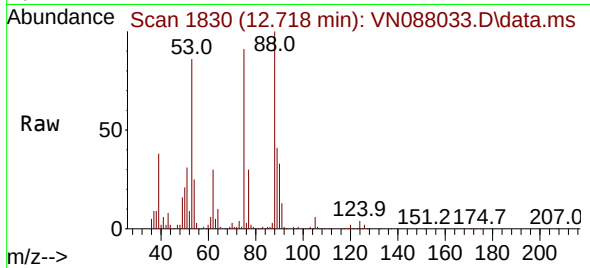
Tgt Ion:105 Resp: 1814925
Ion Ratio Lower Upper
105 100
120 49.2 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 117.060 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

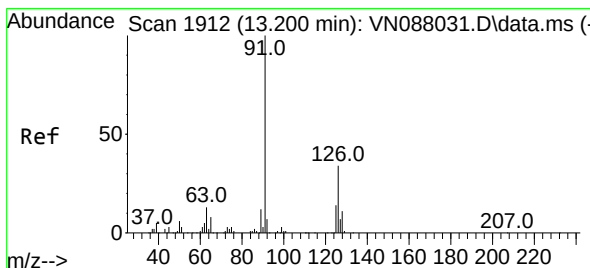
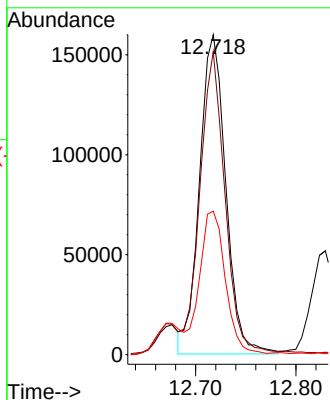
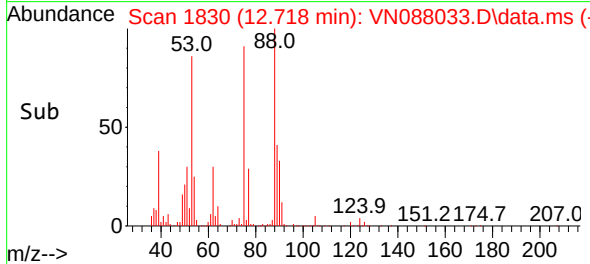
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 29084
Ion Ratio Lower Upper
75 100
53 94.6 41.8 125.3
89 44.7 19.9 59.6

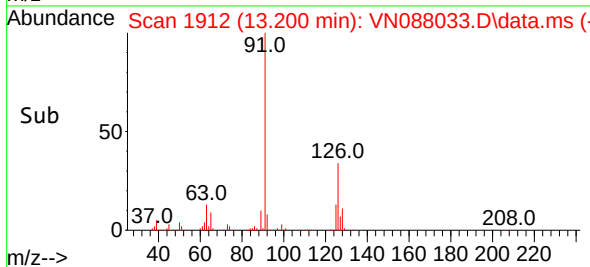
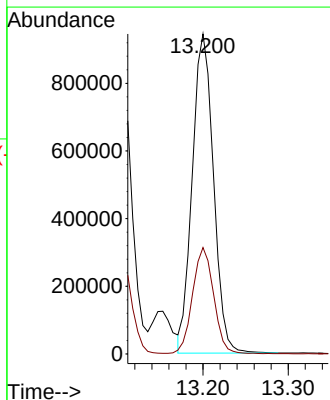
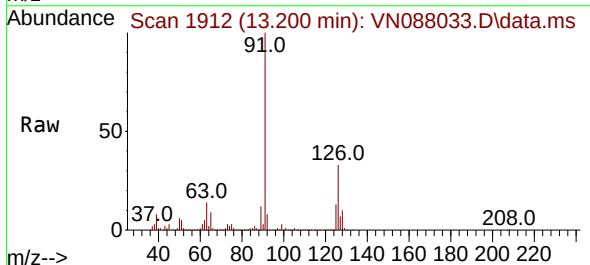
Manual Integrations
APPROVED

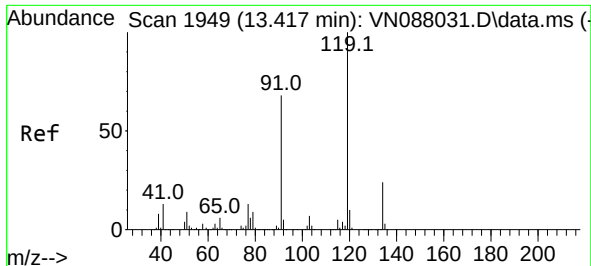
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#78
4-Chlorotoluene
Concen: 106.695 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion: 91 Resp: 1632331
Ion Ratio Lower Upper
91 100
126 33.0 0.0 68.8





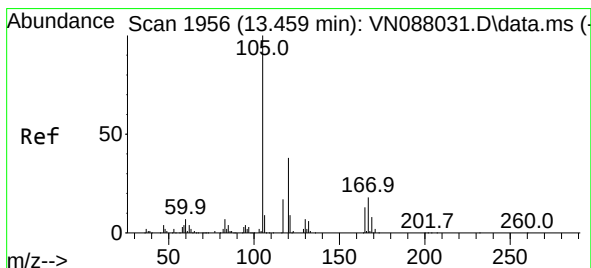
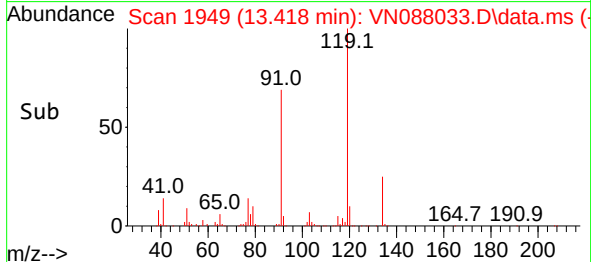
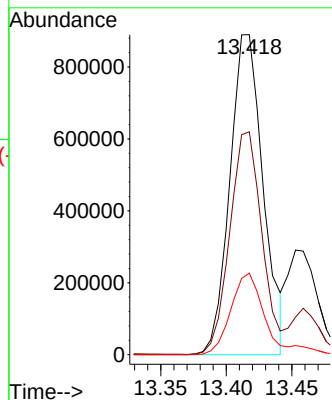
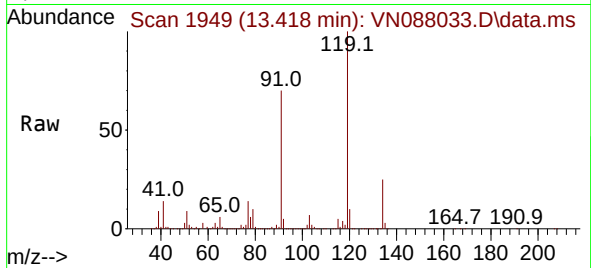
#79
tert-butylbenzene
Concen: 104.749 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 1573629
Ion Ratio Lower Upper
119 100
91 66.9 0.0 132.4
134 24.6 0.0 48.6

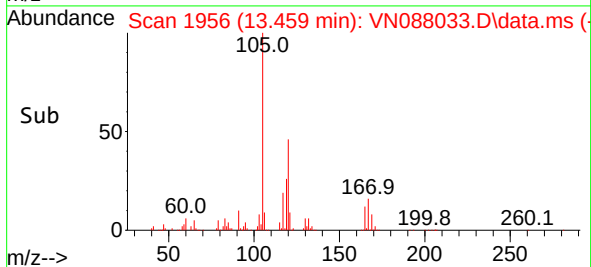
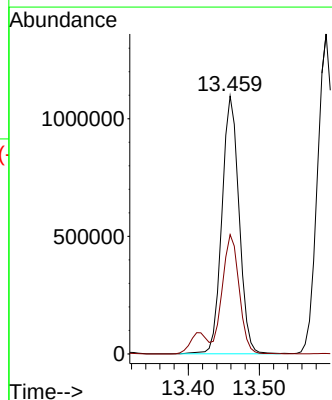
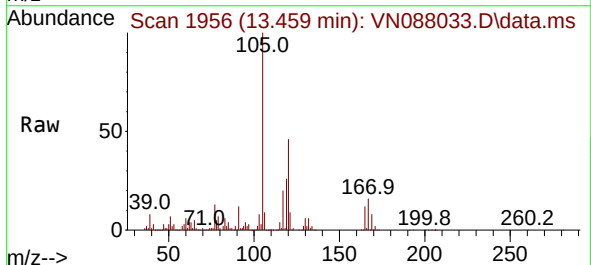
Manual Integrations
APPROVED

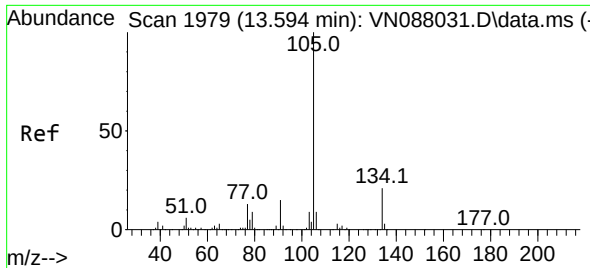
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 105.591 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Tgt Ion:105 Resp: 1831829
Ion Ratio Lower Upper
105 100
120 45.7 0.0 93.8





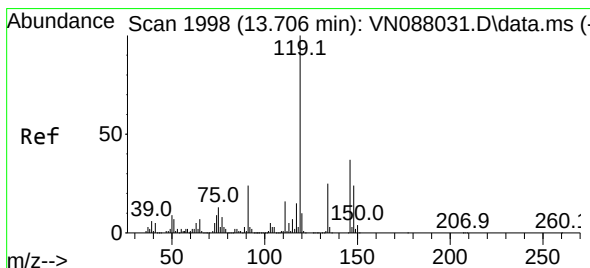
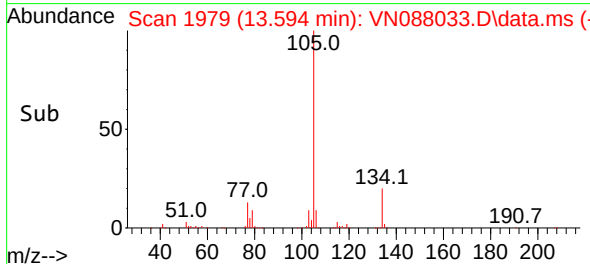
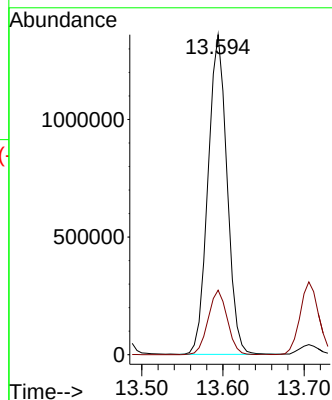
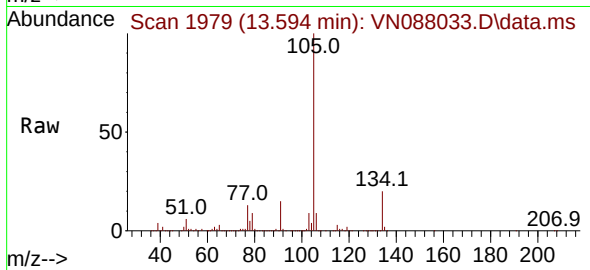
#81
 sec-Butylbenzene
 Concen: 104.528 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 220783
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 41.2

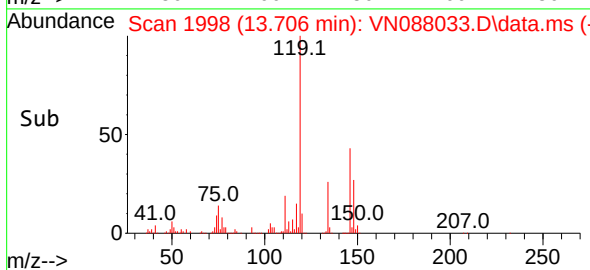
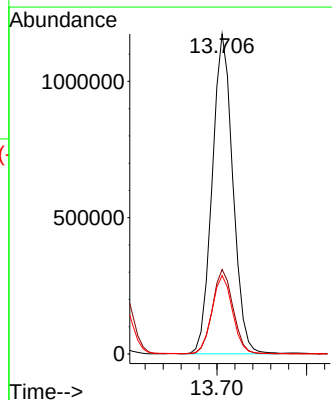
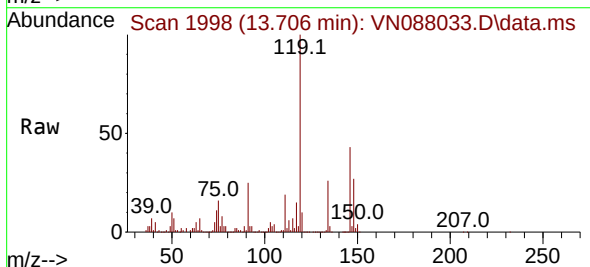
Manual Integrations
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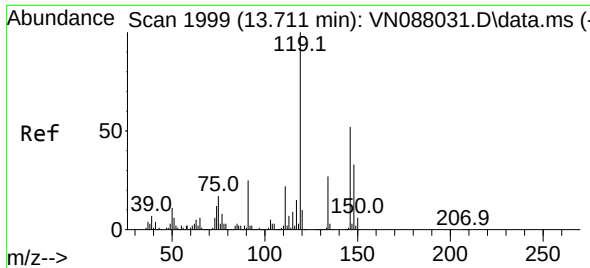
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#82
 p-Isopropyltoluene
 Concen: 104.194 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

Tgt Ion:119 Resp: 1878975
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 52.6
 91 24.3 0.0 48.2





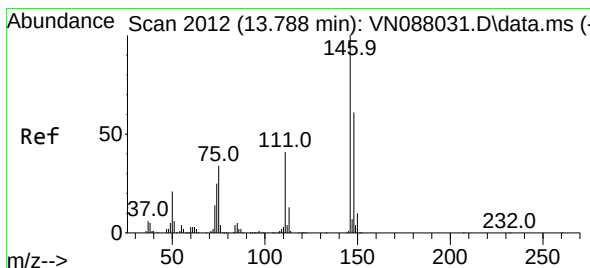
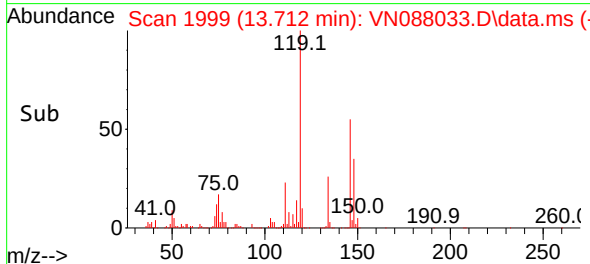
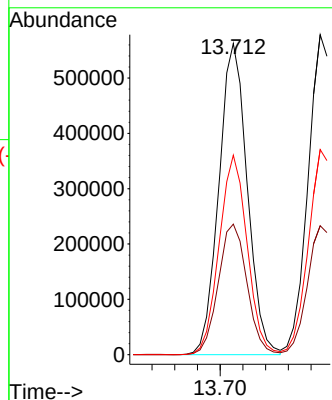
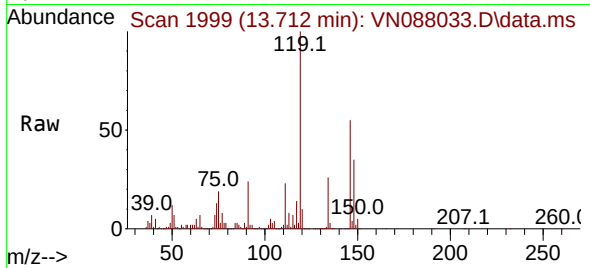
#83
1,3-Dichlorobenzene
Concen: 104.286 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 978389
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.1
148 63.2 31.5 94.5

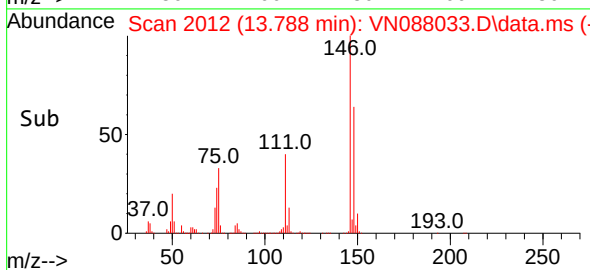
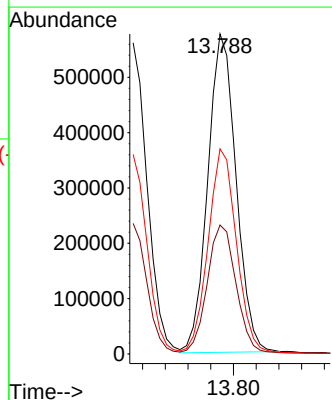
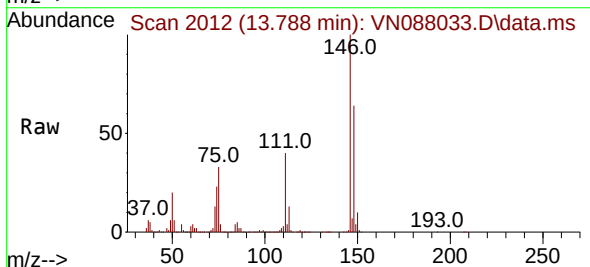
Manual Integrations
APPROVED

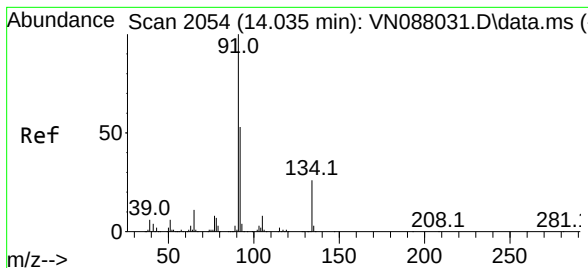
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#84
1,4-Dichlorobenzene
Concen: 102.730 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

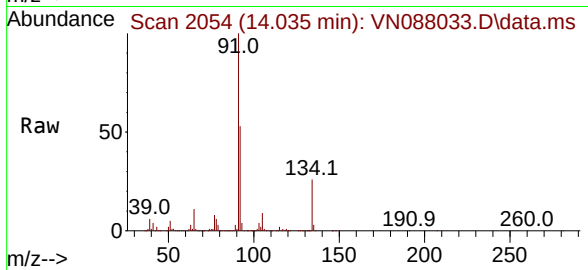
Tgt Ion:146 Resp: 993969
Ion Ratio Lower Upper
146 100
111 41.8 20.5 61.6
148 65.4 31.9 95.9





#85
n-Butylbenzene
Concen: 105.237 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

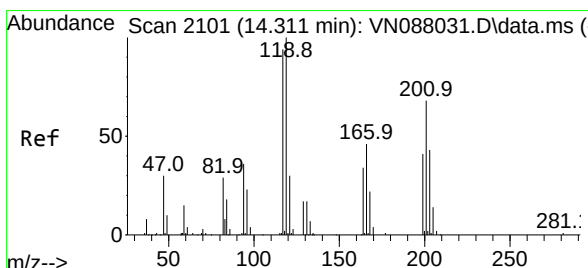
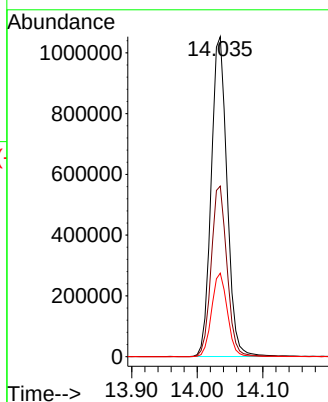
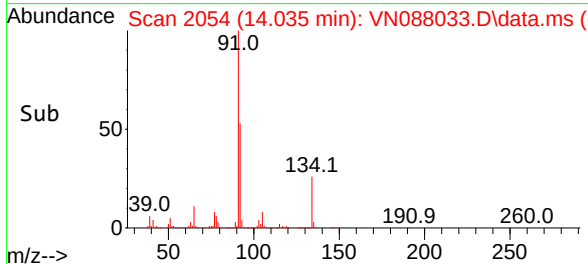
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 176558
Ion Ratio Lower Upper
91 100
92 53.1 0.0 107.6
134 26.0 0.0 52.6

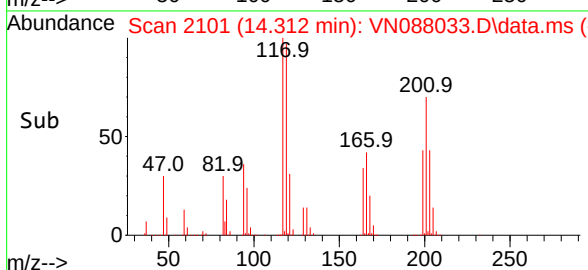
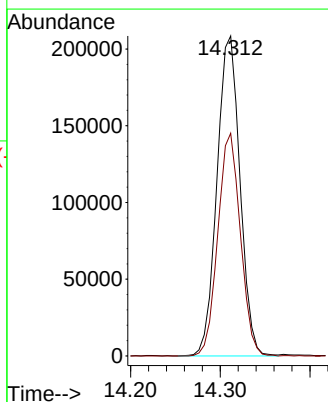
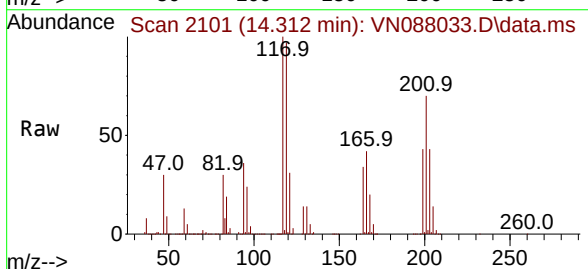
Manual Integrations
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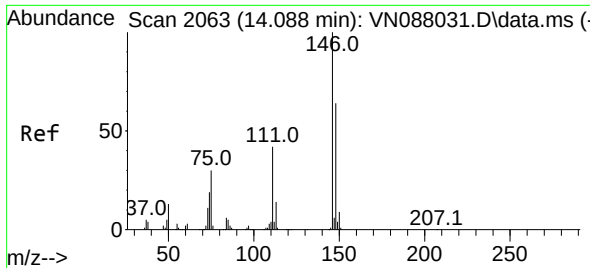
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#86
Hexachloroethane
Concen: 102.750 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

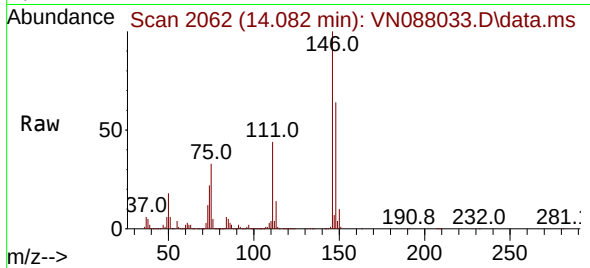
Tgt Ion:117 Resp: 371189
Ion Ratio Lower Upper
117 100
201 68.1 34.8 104.3





#87
 1,2-Dichlorobenzene
 Concen: 104.023 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.006 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

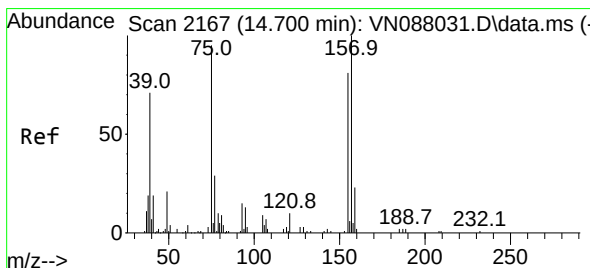
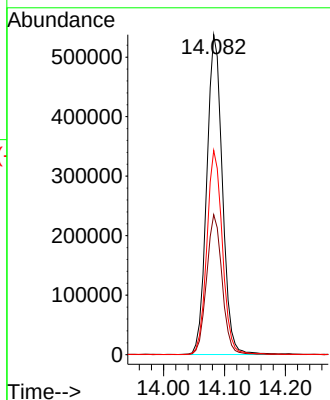
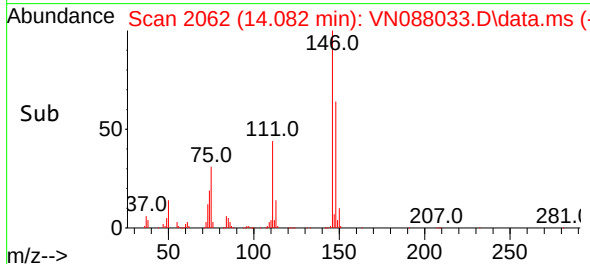
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



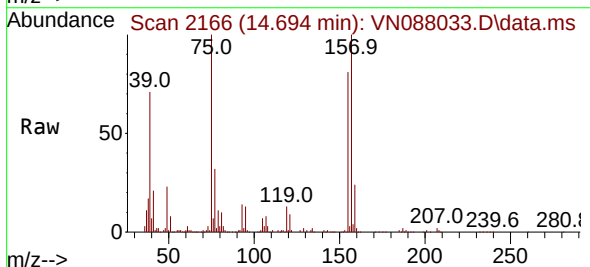
Tgt Ion:146 Resp: 959910
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.3 66.8
 148 63.3 31.4 94.3

Manual Integrations
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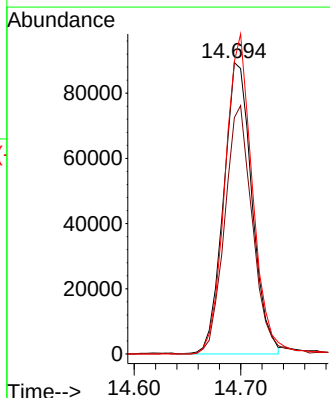
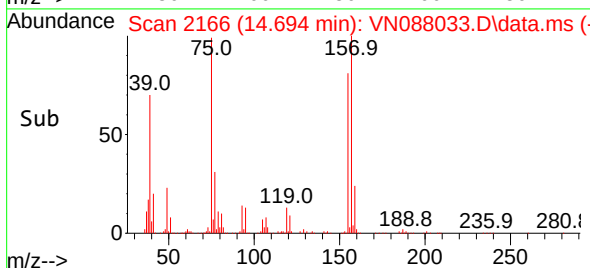
Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

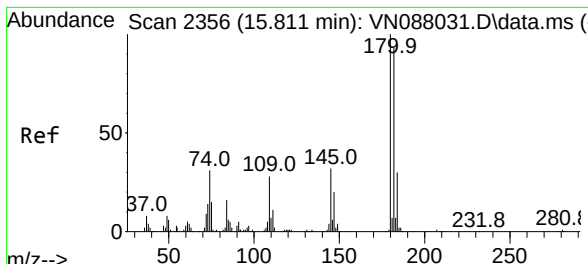


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 104.237 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51



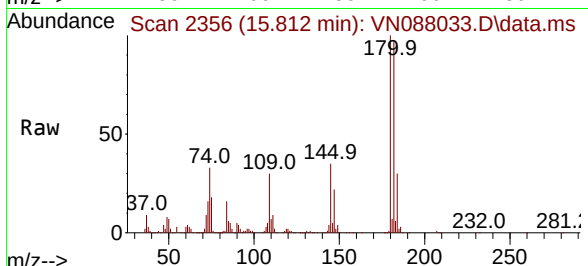
Tgt Ion: 75 Resp: 165583
 Ion Ratio Lower Upper
 75 100
 155 83.9 63.5 95.3
 157 106.3 81.7 122.5





#89
1,2,4-Trichlorobenzene
Concen: 105.091 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51

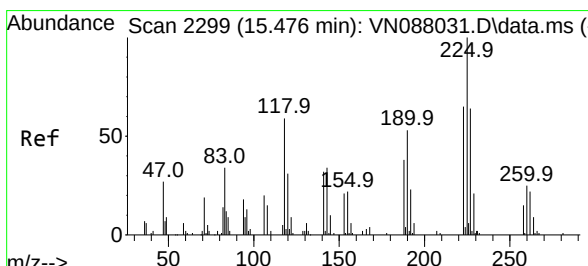
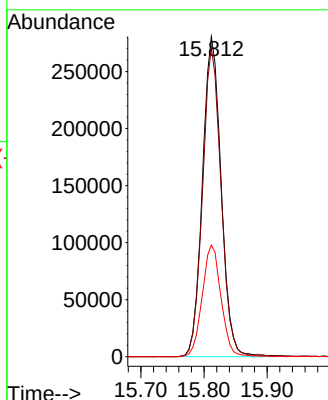
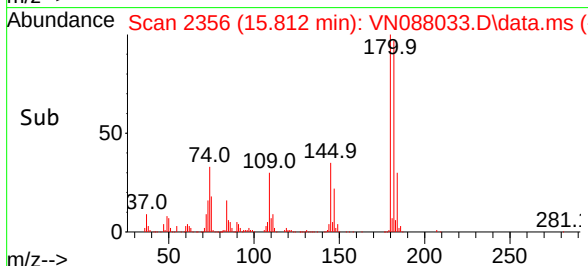
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



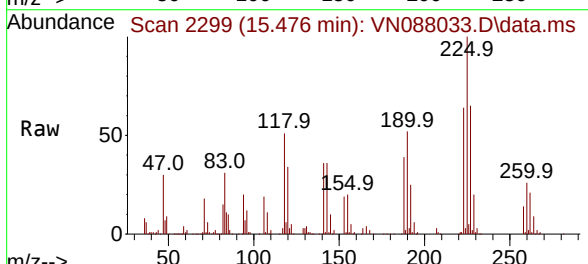
Tgt Ion:180 Resp: 577649
Ion Ratio Lower Upper
180 100
182 95.2 74.6 112.0
145 34.9 27.2 40.8

Manual Integrations
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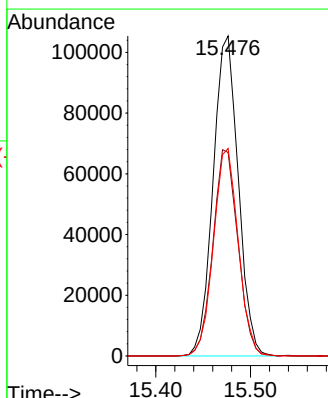
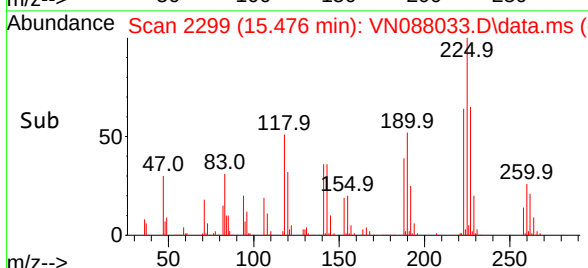
Reviewed By :John Carlone 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

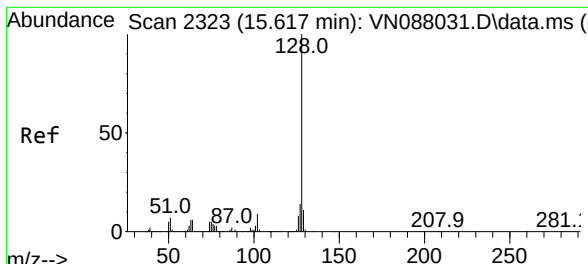


#90
Hexachlorobutadiene
Concen: 101.706 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN088033.D
Acq: 08 Oct 2025 10:51



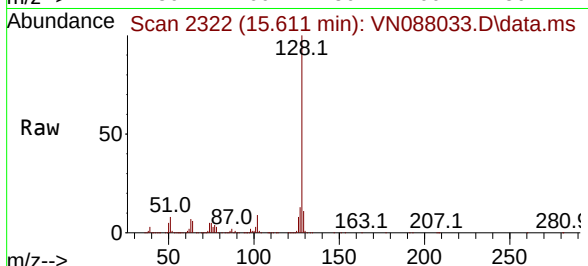
Tgt Ion:225 Resp: 194567
Ion Ratio Lower Upper
225 100
223 64.2 0.0 129.6
227 64.1 0.0 132.2





#91
 Naphthalene
 Concen: 106.010 ug/l
 RT: 15.611 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

Instrument : MSVOA_N
 ClientSampleId : VSTDIC100

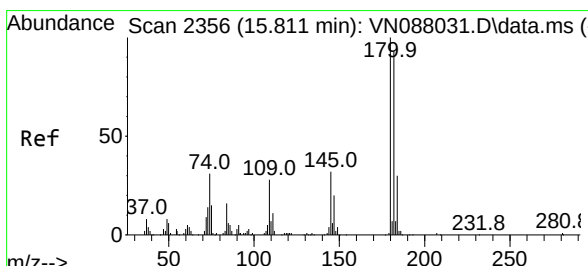
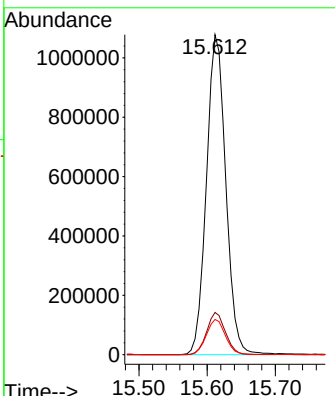
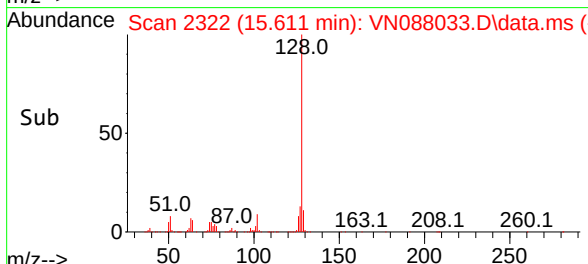


Tgt Ion:128 Resp: 213329

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
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Reviewed By :John Carlone 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#92
 1,2,3-Trichlorobenzene
 Concen: 105.091 ug/l
 RT: 15.812 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088033.D
 Acq: 08 Oct 2025 10:51

Tgt Ion:180 Resp: 577645

Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	186.6
145	34.9	0.0	68.0

