

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021825\
 Data File : VN085772.D
 Acq On : 18 Feb 2025 11:09
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 03:15:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:03:15 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	290979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	458183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	412615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	208401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	406028	107.630	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 215.260%#			
35) Dibromofluoromethane	8.159	113	343729	114.648	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 229.300%#			
50) Toluene-d8	10.559	98	1323681	121.348	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 242.700%#			
62) 4-Bromofluorobenzene	12.841	95	460996	128.269	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 256.540%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	403621	101.979	ug/l	99
3) Chloromethane	2.359	50	376343	94.759	ug/l	99
4) Vinyl Chloride	2.512	62	406434	96.652	ug/l	100
5) Bromomethane	2.948	94	252576	93.935	ug/l	99
6) Chloroethane	3.118	64	260404	93.490	ug/l	97
7) Trichlorofluoromethane	3.495	101	587970	96.574	ug/l	98
8) Diethyl Ether	3.959	74	199406	101.225	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	350536	99.604	ug/l	98
10) Methyl Iodide	4.583	142	444531	102.472	ug/l	98
11) Tert butyl alcohol	5.506	59	210616	453.930	ug/l	100
12) 1,1-Dichloroethene	4.336	96	323037	101.234	ug/l	96
13) Acrolein	4.171	56	337091	489.916	ug/l	98
14) Allyl chloride	5.018	41	434760	103.773	ug/l	97
15) Acrylonitrile	5.706	53	761272	504.697	ug/l	99
16) Acetone	4.418	43	567220	475.190	ug/l	99
17) Carbon Disulfide	4.706	76	910987	96.328	ug/l	99
18) Methyl Acetate	5.012	43	379901	92.531	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	1016766	107.229	ug/l	100
20) Methylene Chloride	5.271	84	365222	95.142	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	340161	99.001	ug/l	96
22) Diisopropyl ether	6.665	45	1015041	107.223	ug/l	99
23) Vinyl Acetate	6.594	43	3542783	548.253	ug/l	100
24) 1,1-Dichloroethane	6.565	63	638203	99.172	ug/l	98
25) 2-Butanone	7.471	43	896027	510.235	ug/l	100
26) 2,2-Dichloropropane	7.483	77	572429	100.033	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	410066	102.929	ug/l	99
28) Bromochloromethane	7.806	49	280092	105.895	ug/l	97
29) Tetrahydrofuran	7.830	42	599504	528.664	ug/l	100
30) Chloroform	7.959	83	651761	96.914	ug/l	99
31) Cyclohexane	8.253	56	511031	94.843	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	589206	98.502	ug/l	98
36) 1,1-Dichloropropene	8.365	75	466531	109.949	ug/l	99
37) Ethyl Acetate	7.553	43	366887	105.069	ug/l	99
38) Carbon Tetrachloride	8.353	117	524870	104.105	ug/l	98
39) Methylcyclohexane	9.594	83	513492	123.184	ug/l	98
40) Benzene	8.600	78	1448660	106.522	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	203689	109.119	ug/l	95
42) 1,2-Dichloroethane	8.665	62	457707	103.326	ug/l	100
43) Isopropyl Acetate	8.683	43	616521	101.163	ug/l	98
44) Trichloroethene	9.347	130	339019	101.529	ug/l	100
45) 1,2-Dichloropropane	9.618	63	345721	105.316	ug/l	99
46) Dibromomethane	9.700	93	243628	105.216	ug/l	100
47) Bromodichloromethane	9.883	83	521496	105.269	ug/l	99
48) Methyl methacrylate	9.677	41	304067	117.252	ug/l	100
49) 1,4-Dioxane	9.688	88	100443	2036.793	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	1896777	563.403	ug/l	100
52) Toluene	10.624	92	910251	114.182	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	527815	115.223	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	573653	114.202	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	330642	104.317	ug/l	99
56) Ethyl methacrylate	10.871	69	510041	100.007	ug/l	100
57) 1,3-Dichloropropane	11.159	76	567039	107.169	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	1216927	502.158	ug/l	99
59) 2-Hexanone	11.188	43	1358126	586.394	ug/l	99
60) Dibromochloromethane	11.353	129	402920	109.169	ug/l	99
61) 1,2-Dibromoethane	11.465	107	324747	108.439	ug/l	99
64) Tetrachloroethene	11.100	164	316658	99.063	ug/l	97
65) Chlorobenzene	11.888	112	976337	103.290	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	346777	102.068	ug/l	100
67) Ethyl Benzene	11.959	91	1736848	117.301	ug/l	100
68) m/p-Xylenes	12.065	106	1335750	237.496	ug/l	99
69) o-Xylene	12.394	106	635879	118.977	ug/l	99
70) Styrene	12.406	104	1095464	100.012	ug/l	100
71) Bromoform	12.576	173	269816	106.877	ug/l #	98
73) Isopropylbenzene	12.688	105	1605096	112.422	ug/l	100
74) N-amyl acetate	12.488	43	546485	108.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	447332	91.050	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	401864m	87.774	ug/l	
77) Bromobenzene	12.976	156	395882	102.631	ug/l	100
78) n-propylbenzene	13.029	91	1905758	116.552	ug/l	100
79) 2-Chlorotoluene	13.118	91	1158348	106.029	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	1351753	116.226	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	170494	107.459	ug/l	96
82) 4-Chlorotoluene	13.218	91	1173182	108.322	ug/l	99
83) tert-Butylbenzene	13.435	119	1136802	116.235	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	1378080	119.764	ug/l	100
85) sec-Butylbenzene	13.612	105	1610382	116.540	ug/l	100
86) p-Isopropyltoluene	13.723	119	1374884	99.983	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	738679	102.213	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	729470	98.484	ug/l	99
89) n-Butylbenzene	14.053	91	1179057	120.179	ug/l	99
90) Hexachloroethane	14.329	117	258559	98.800	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	691905	99.562	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	82545	91.495	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	365599	110.404	ug/l	99
94) Hexachlorobutadiene	15.494	225	181264	90.068	ug/l	98
95) Naphthalene	15.635	128	1053414	115.870	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	343936	103.456	ug/l	99

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MSVOA_N
ClientSampleId :
VSTDICC100

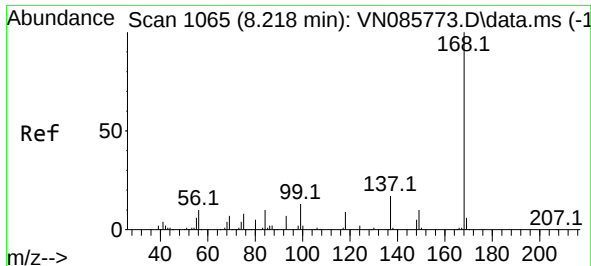
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:03:15 2025
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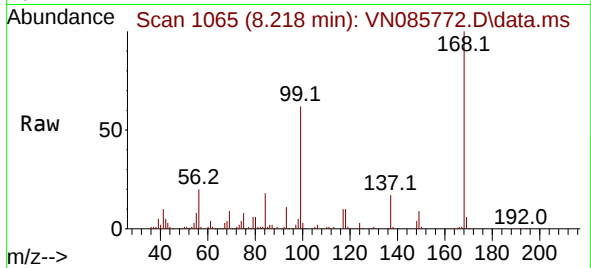
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
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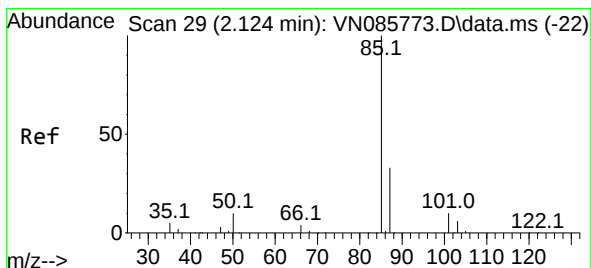
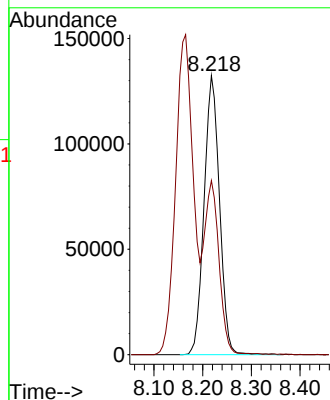
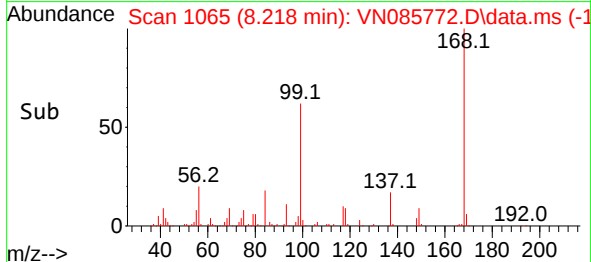
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



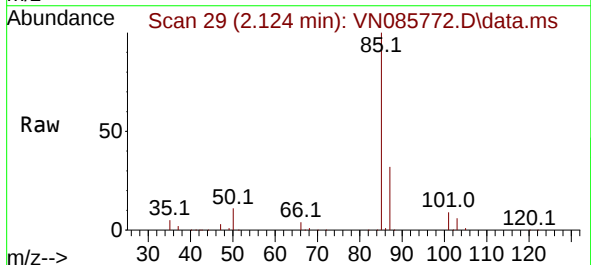
Tgt Ion:168 Resp: 290979
Ion Ratio Lower Upper
168 100
99 62.1 47.9 71.9

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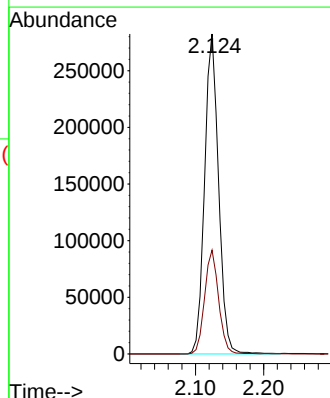
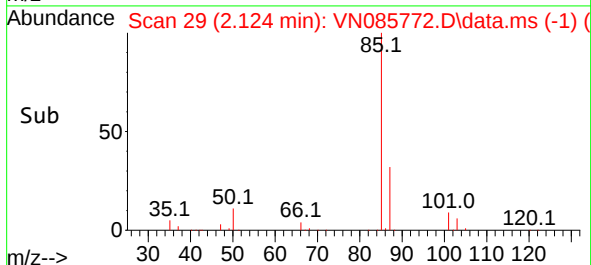
Reviewed By :John Carlone 02/19/2025
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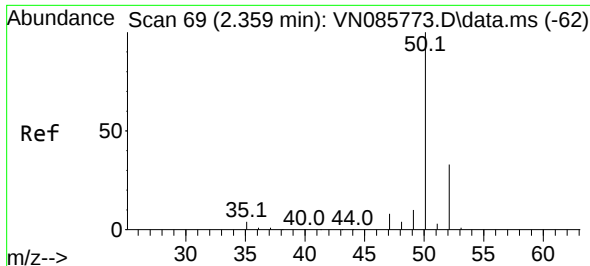


#2
Dichlorodifluoromethane
Concen: 101.979 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



Tgt Ion: 85 Resp: 403621
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.2





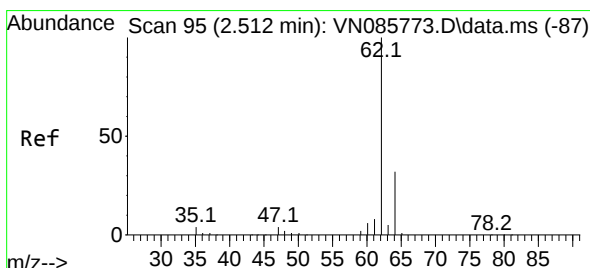
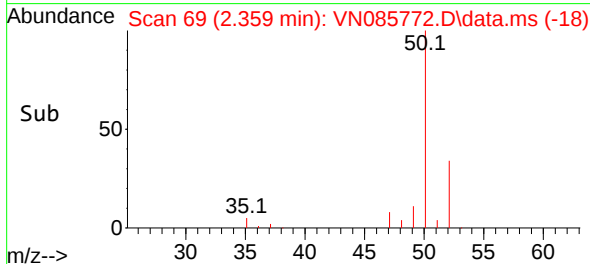
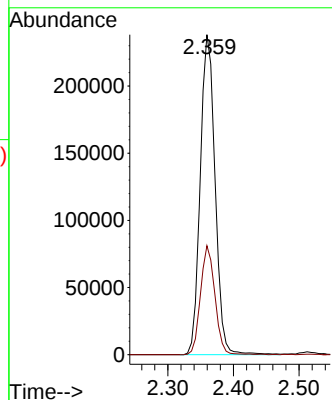
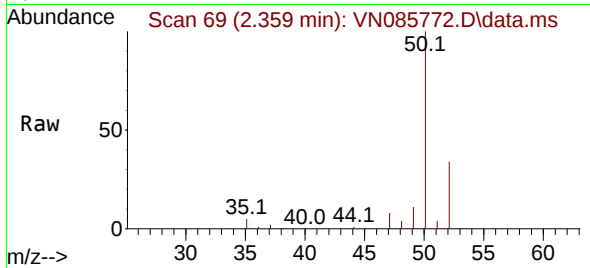
#3
Chloromethane
Concen: 94.759 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
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ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 37634
Ion Ratio Lower Upper
50 100
52 34.0 26.7 40.1

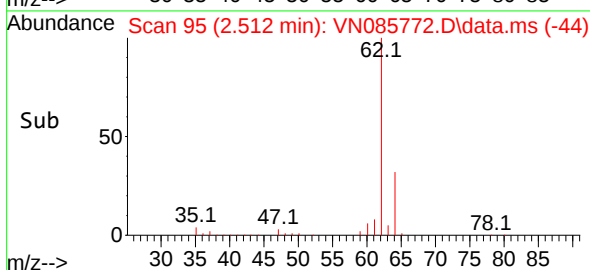
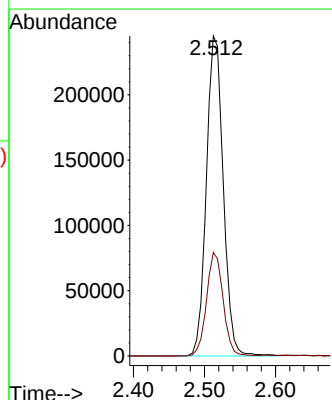
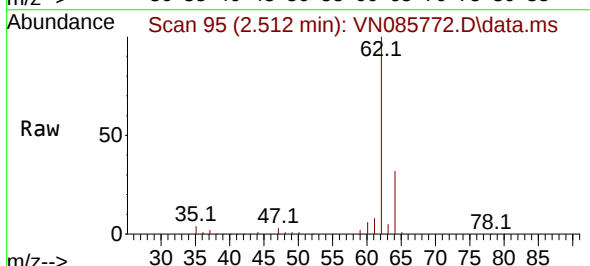
Manual Integrations
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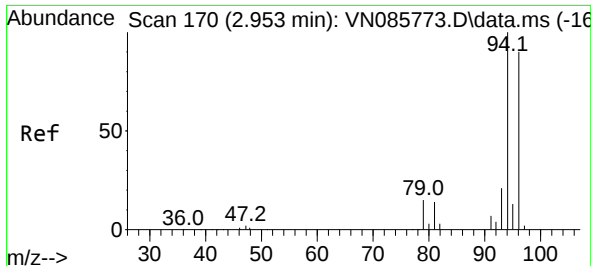
Reviewed By :John Carlone 02/19/2025
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#4
Vinyl Chloride
Concen: 96.652 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 62 Resp: 406434
Ion Ratio Lower Upper
62 100
64 32.3 25.9 38.9





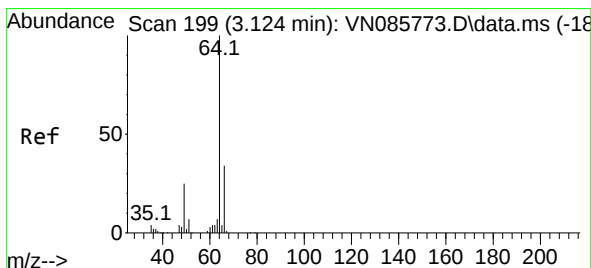
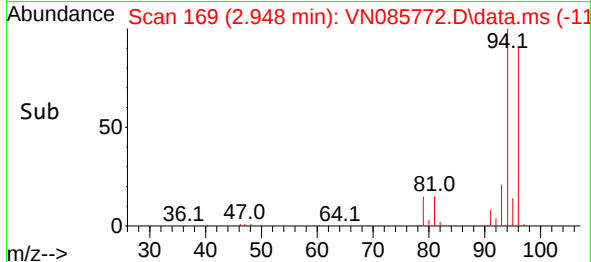
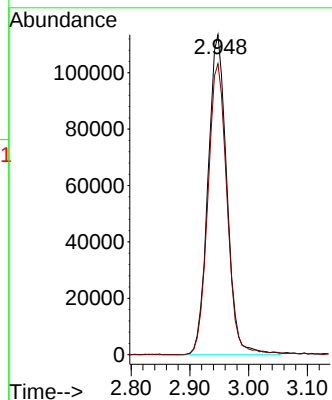
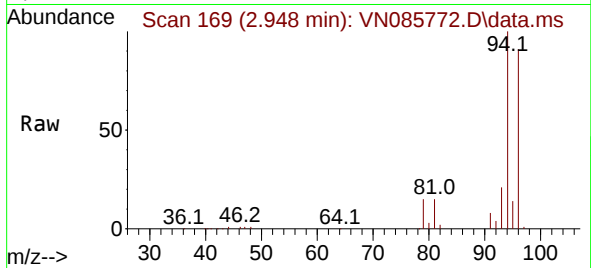
#5
Bromomethane
Concen: 93.935 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 252570
Ion Ratio Lower Upper
94 100
96 91.0 71.7 107.5

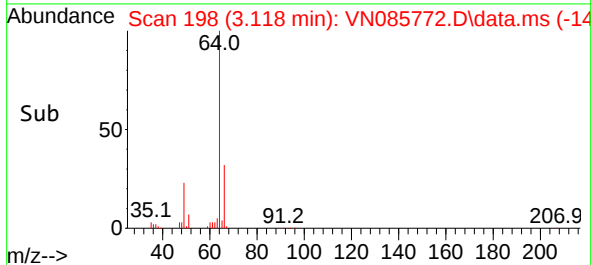
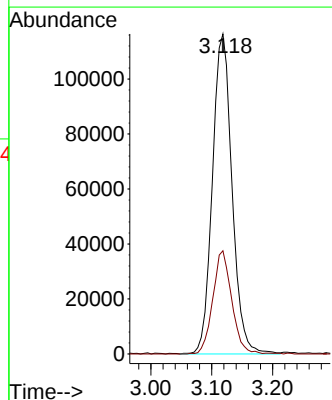
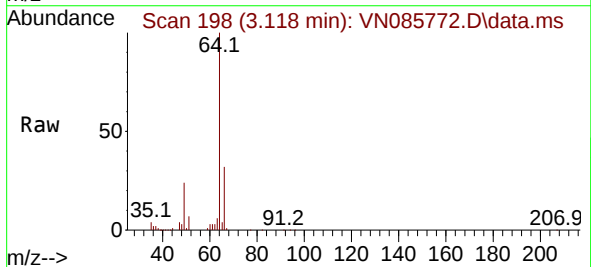
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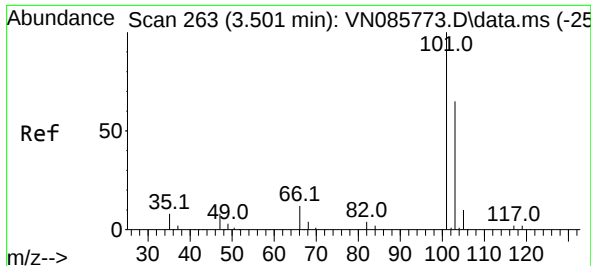
Reviewed By :John Carlone 02/19/2025
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#6
Chloroethane
Concen: 93.490 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 64 Resp: 260404
Ion Ratio Lower Upper
64 100
66 32.2 27.0 40.6





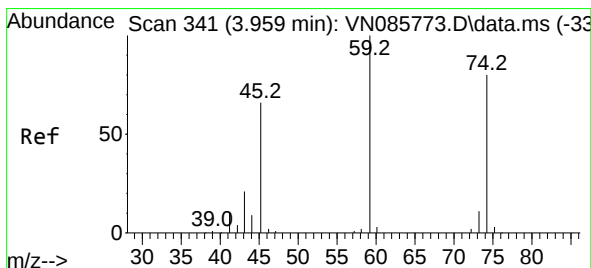
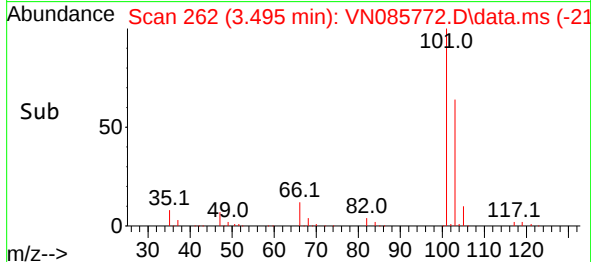
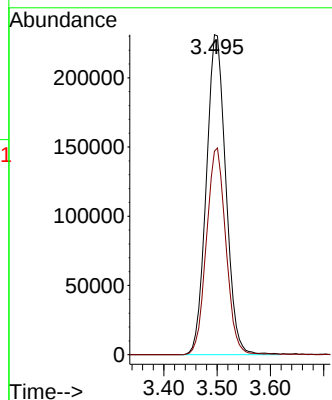
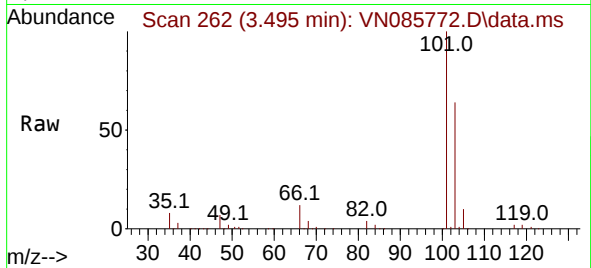
#7
Trichlorofluoromethane
Concen: 96.574 ug/l
RT: 3.495 min Scan# 262
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 587970
Ion Ratio Lower Upper
101 100
103 63.6 52.2 78.4

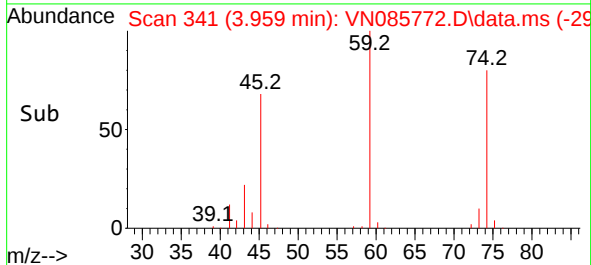
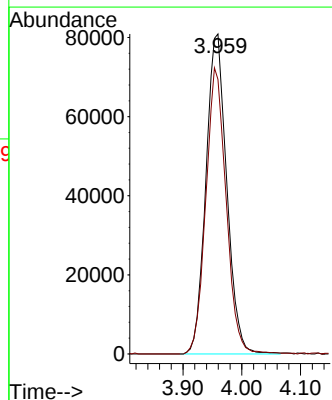
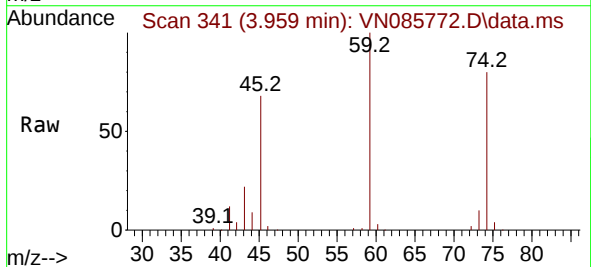
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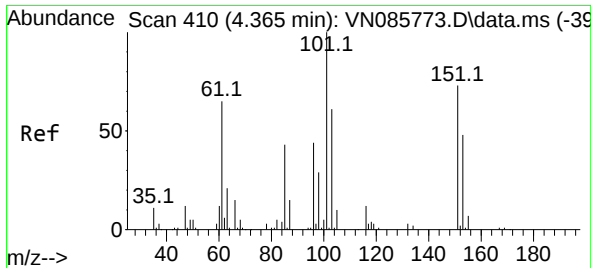
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#8
Diethyl Ether
Concen: 101.225 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 74 Resp: 199406
Ion Ratio Lower Upper
74 100
45 87.3 42.5 127.6





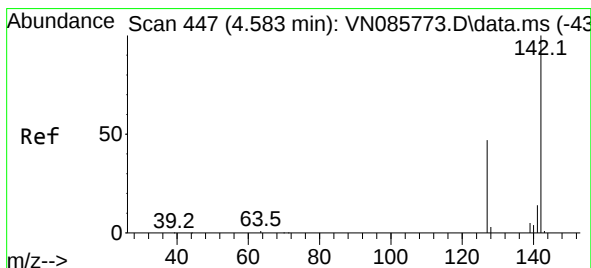
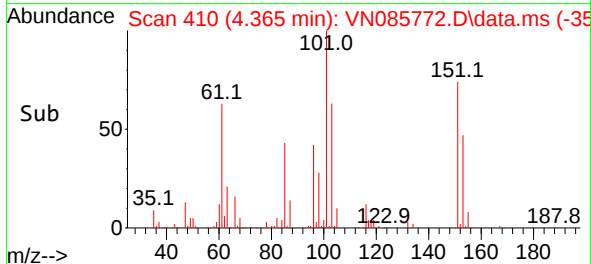
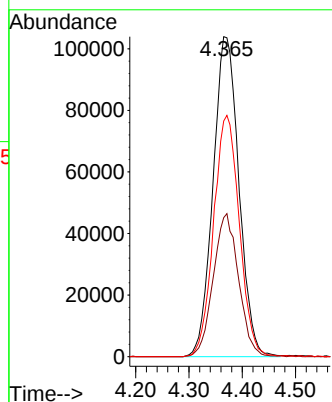
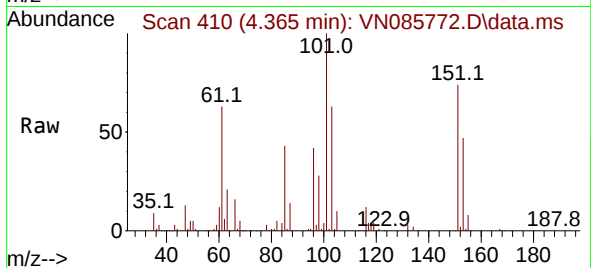
#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.604 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 350530
Ion Ratio Lower Upper
101 100
85 43.7 35.7 53.5
151 75.0 61.4 92.2

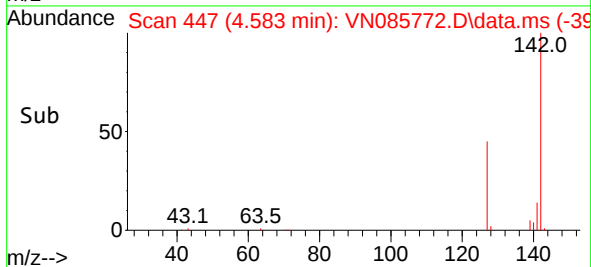
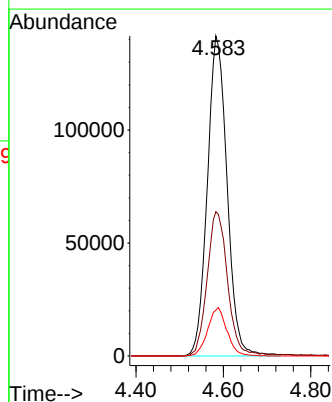
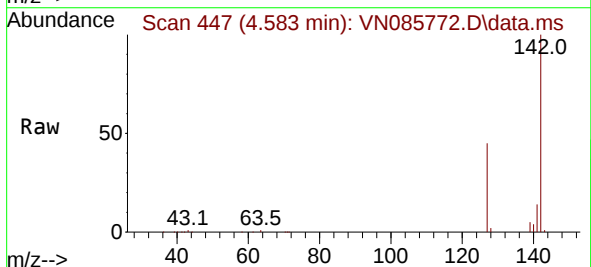
Manual Integrations
APPROVED

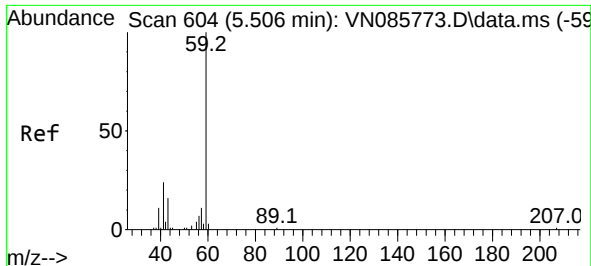
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 102.472 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

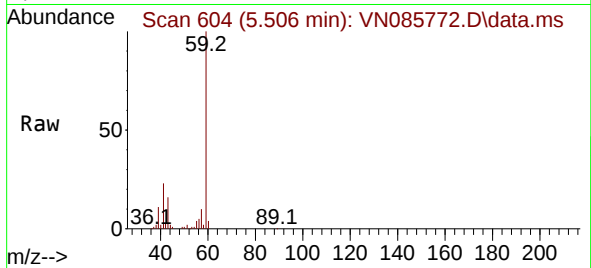
Tgt Ion:142 Resp: 444531
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 453.930 ug/l
RT: 5.506 min Scan# 604
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

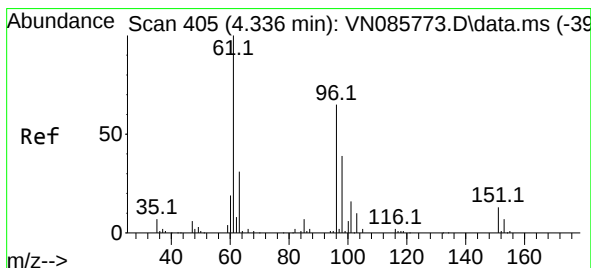
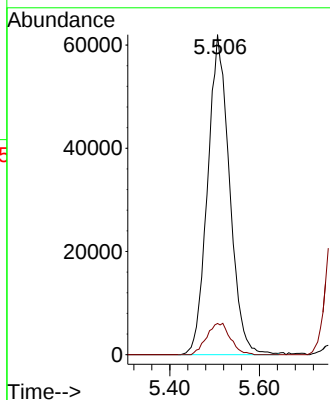
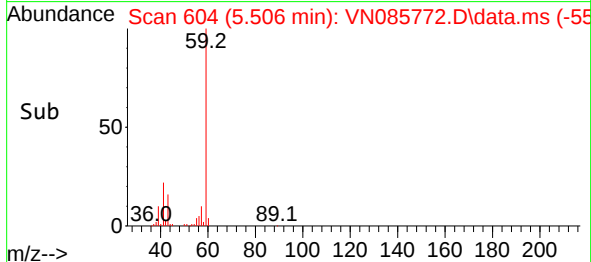
Instrument :
MSVOA_N
Client Sample Id :
VSTDICC100



Tgt Ion: 59 Resp: 210610
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

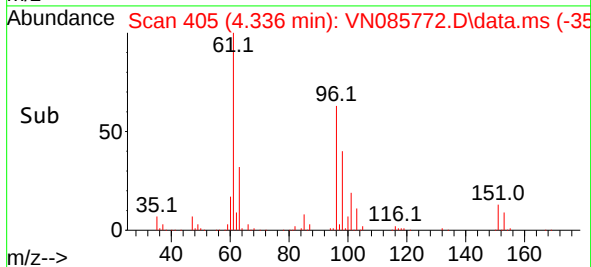
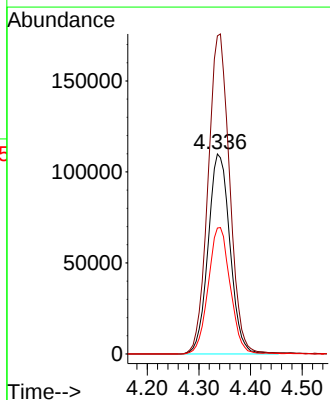
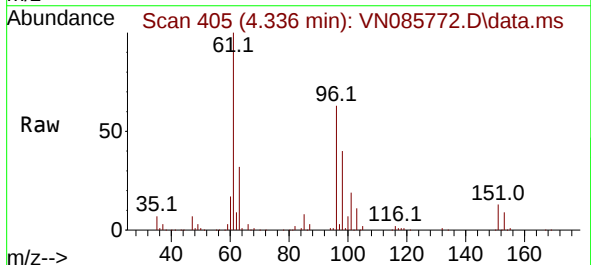
Manual Integrations
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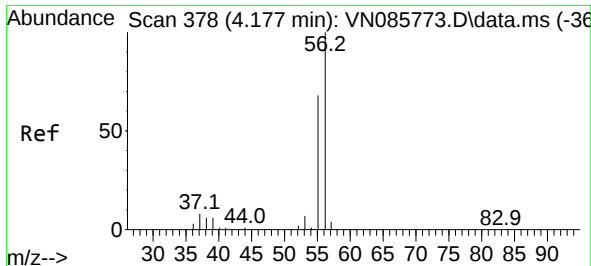
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 101.234 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 96 Resp: 323037
Ion Ratio Lower Upper
96 100
61 159.1 123.3 184.9
98 63.0 48.6 72.8





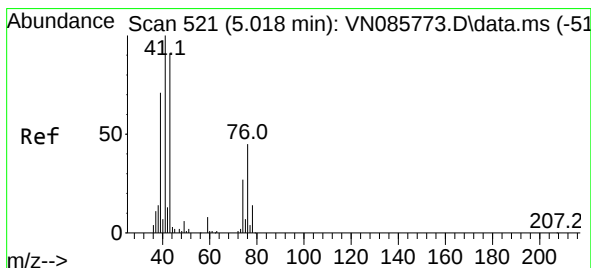
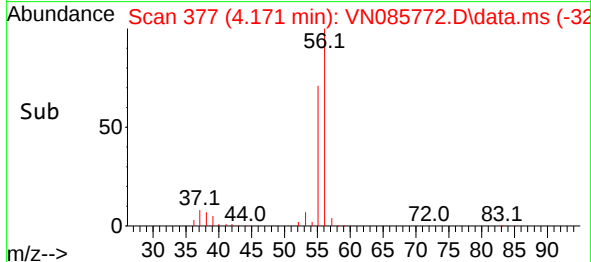
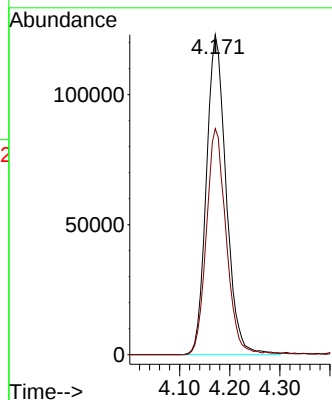
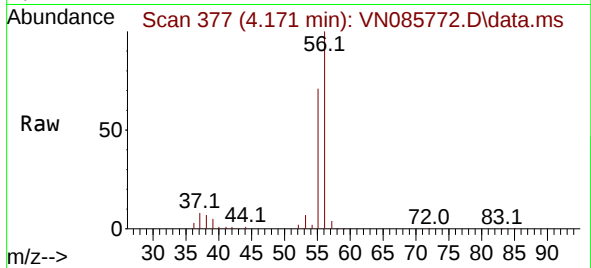
#13
Acrolein
Concen: 489.916 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 33709
Ion Ratio Lower Upper
56 100
55 70.5 55.3 82.9

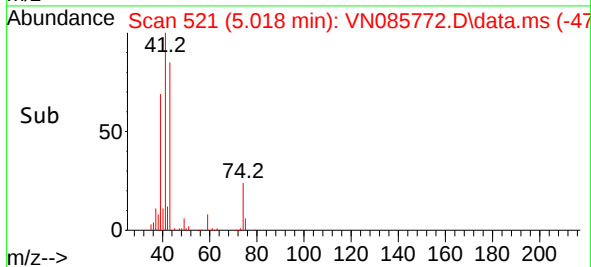
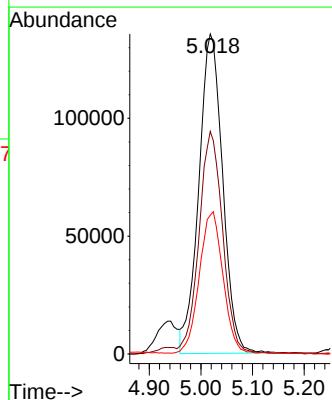
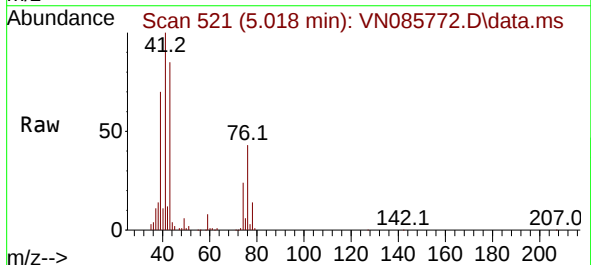
Manual Integrations
APPROVED

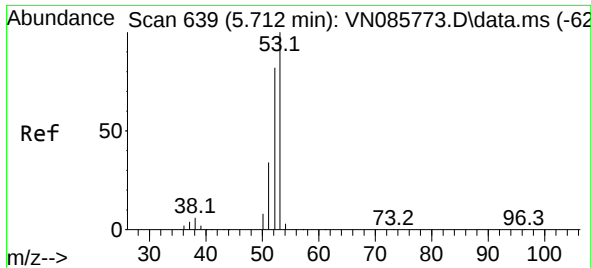
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 103.773 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

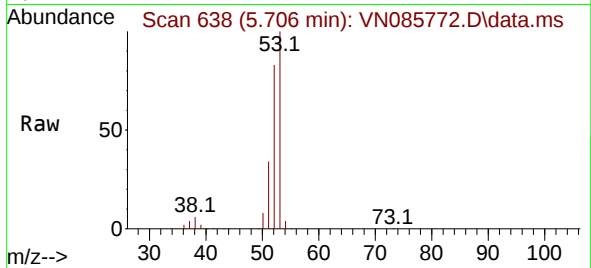
Tgt Ion: 41 Resp: 434760
Ion Ratio Lower Upper
41 100
39 68.8 57.4 86.2
76 43.6 36.2 54.2





#15
Acrylonitrile
Concen: 504.697 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

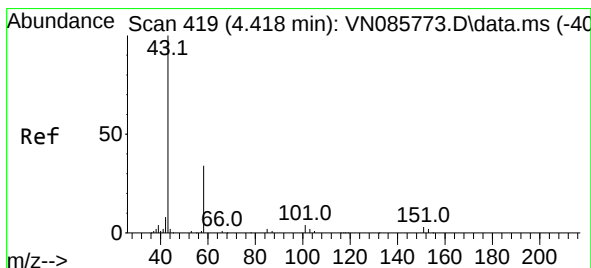
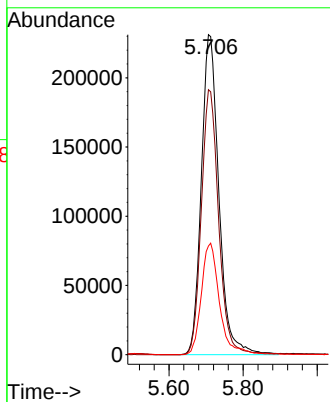
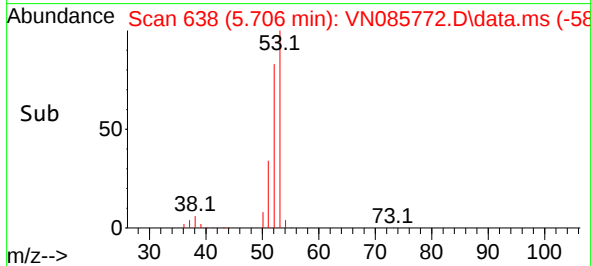
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 761272
Ion Ratio Lower Upper
53 100
52 81.8 65.8 98.6
51 36.1 28.6 42.8

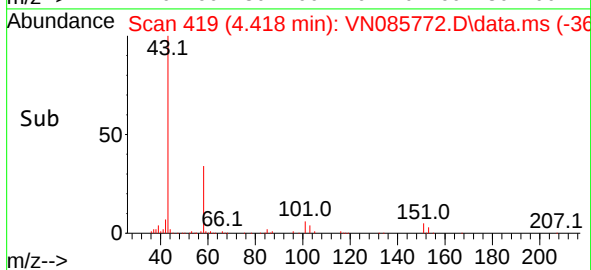
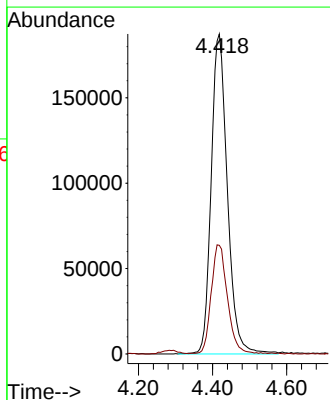
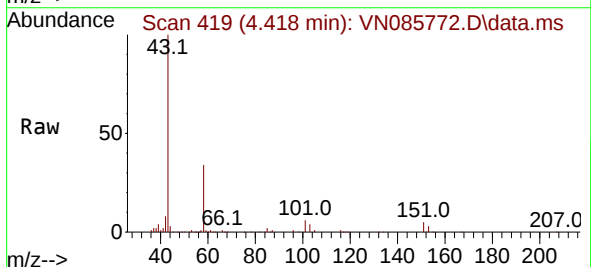
Manual Integrations
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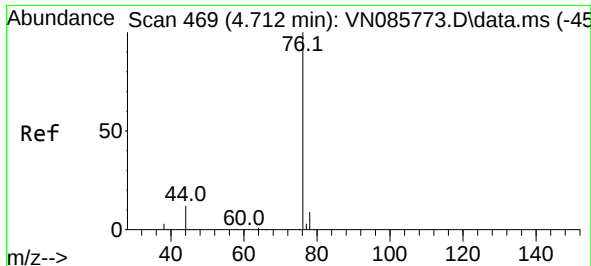
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 475.190 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 43 Resp: 567220
Ion Ratio Lower Upper
43 100
58 33.7 27.5 41.3





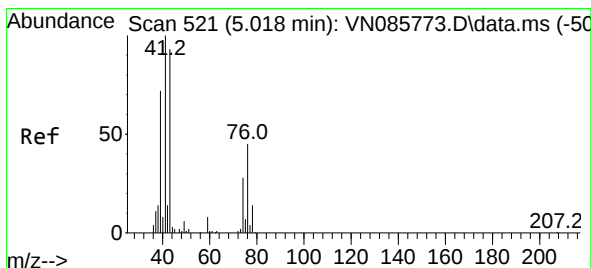
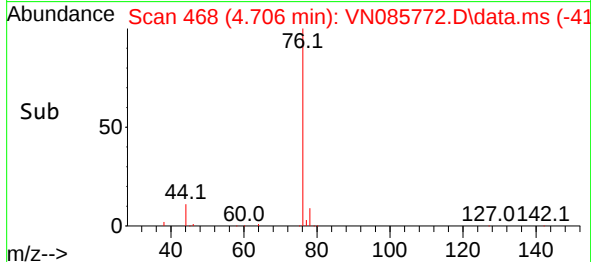
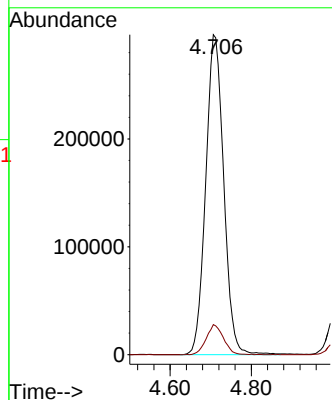
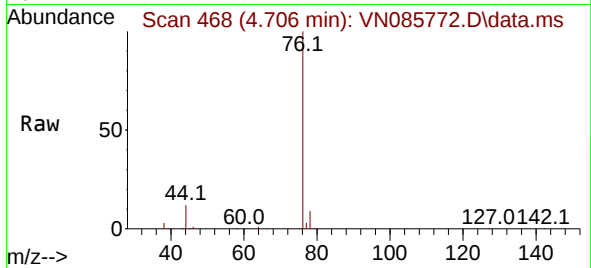
#17
Carbon Disulfide
Concen: 96.328 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 91098
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

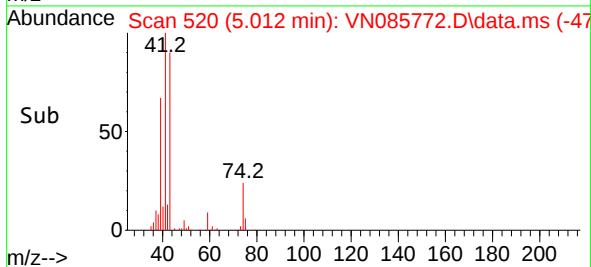
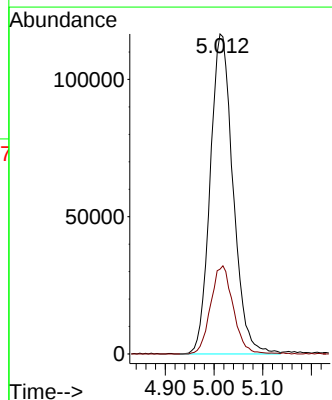
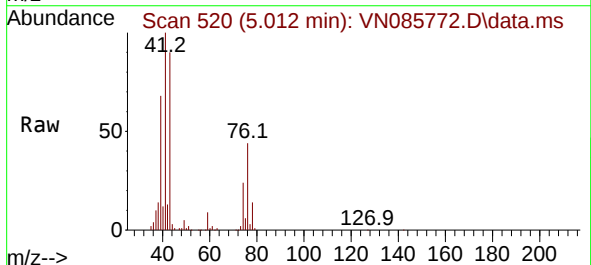
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 92.531 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 43 Resp: 379901
Ion Ratio Lower Upper
43 100
74 27.2 22.2 33.4





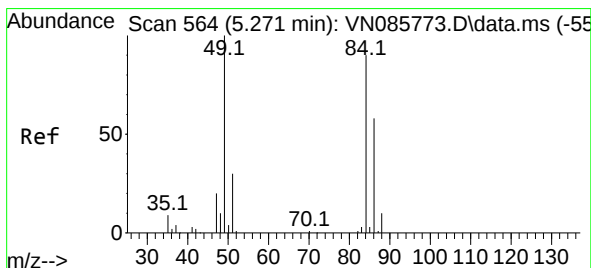
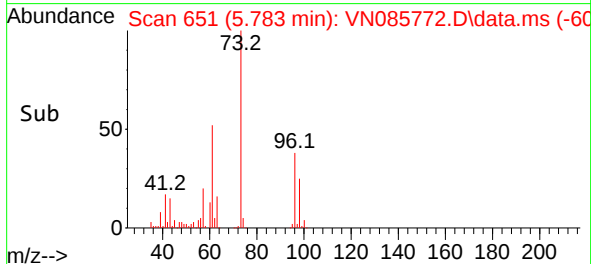
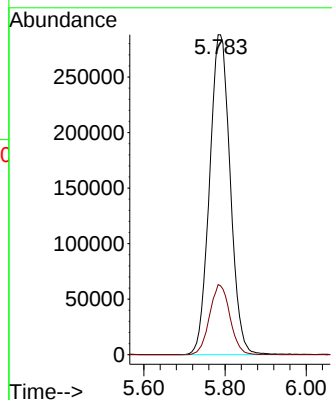
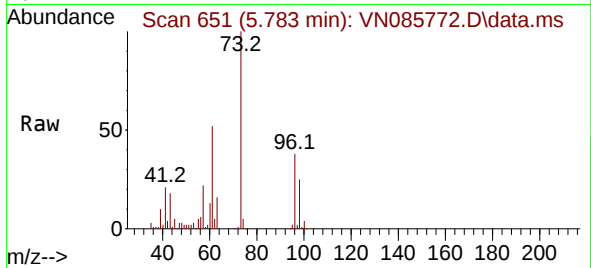
#19
Methyl tert-butyl Ether
Concen: 107.229 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 101676
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4

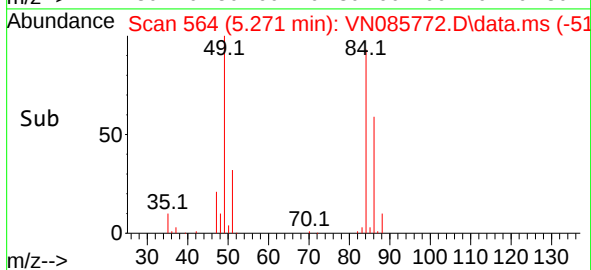
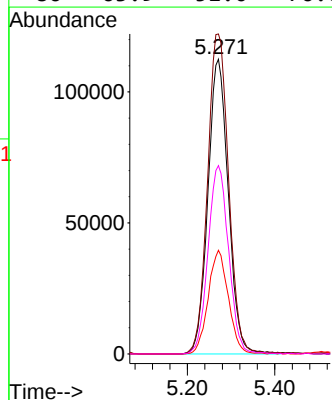
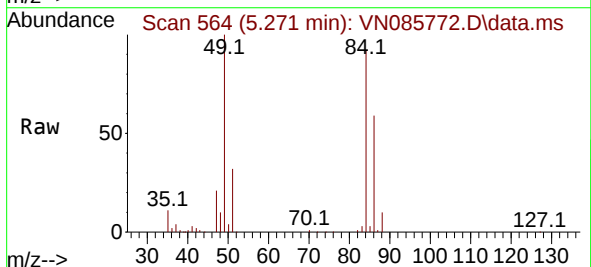
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 95.142 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

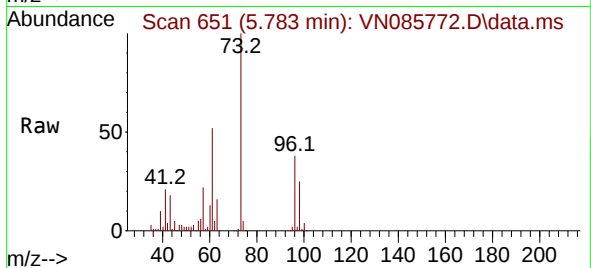
Tgt Ion: 84 Resp: 365222
Ion Ratio Lower Upper
84 100
49 108.6 88.4 132.6
51 35.2 26.6 40.0
86 63.9 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 99.001 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

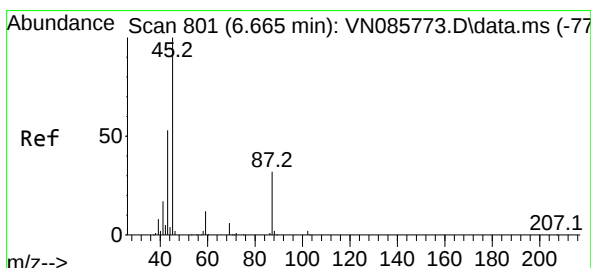
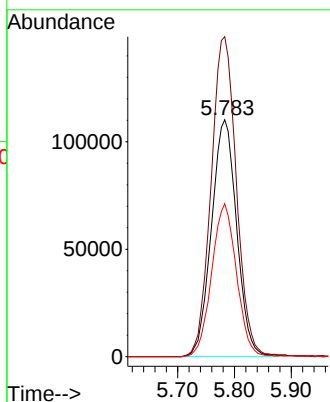
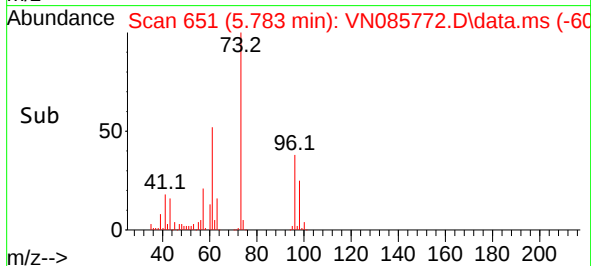
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



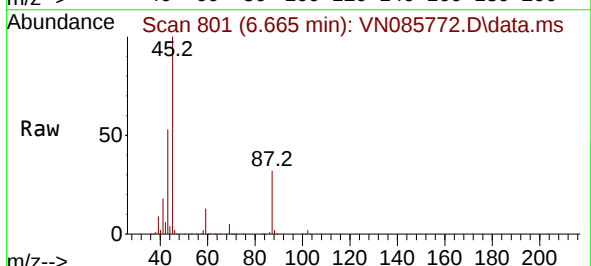
Tgt Ion: 96 Resp: 34016
Ion Ratio Lower Upper
96 100
61 135.0 112.6 168.8
98 64.5 53.3 79.9

Manual Integrations
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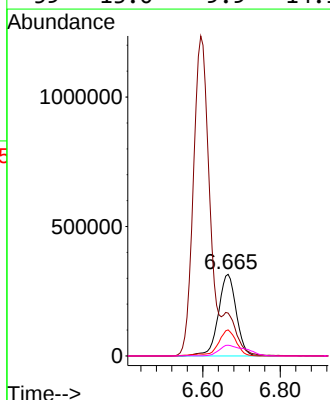
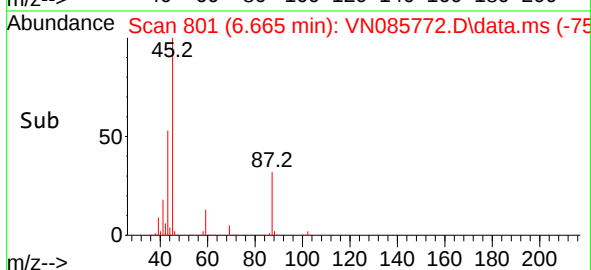
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 107.223 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



Tgt Ion: 45 Resp: 1015041
Ion Ratio Lower Upper
45 100
43 51.9 42.6 64.0
87 31.9 25.8 38.8
59 13.0 9.9 14.9





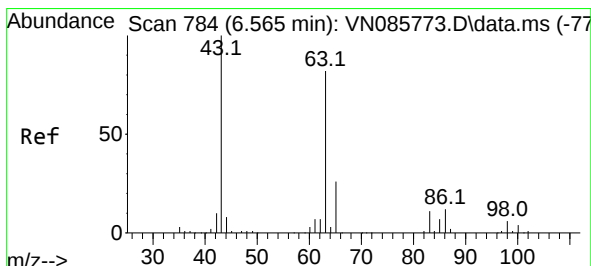
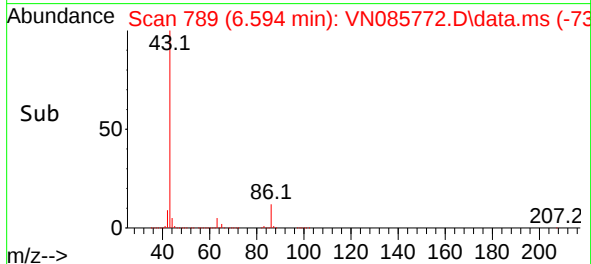
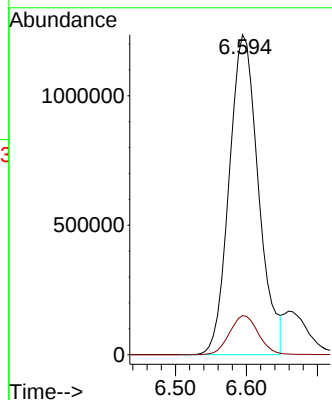
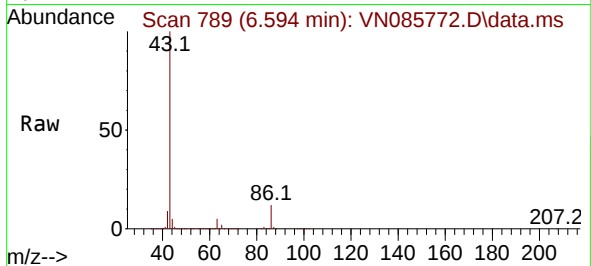
#23
 Vinyl Acetate
 Concen: 548.253 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 354278
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.8

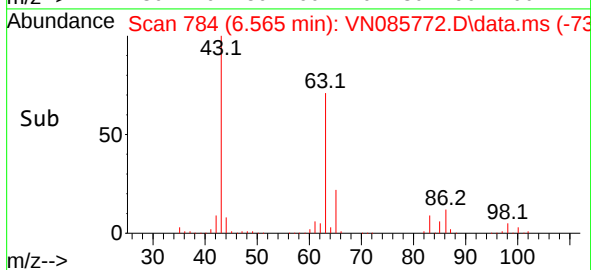
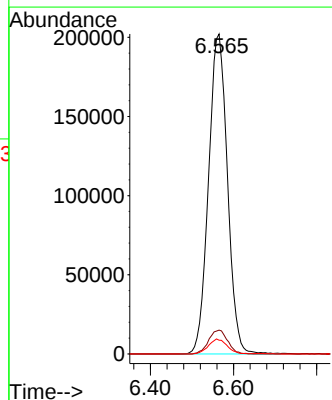
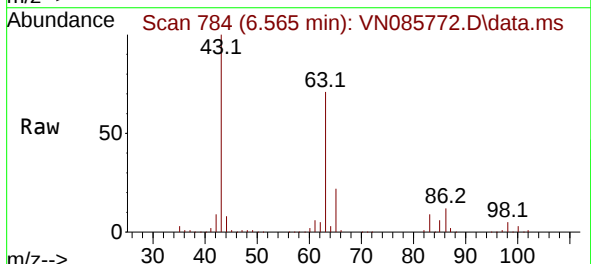
Manual Integrations
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Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 99.172 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09

Tgt Ion: 63 Resp: 638203
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.3 2.4 7.2





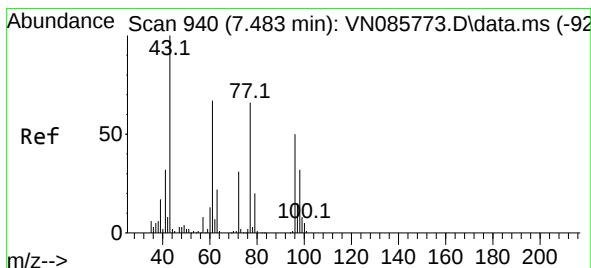
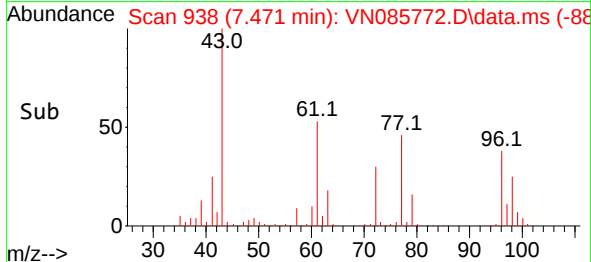
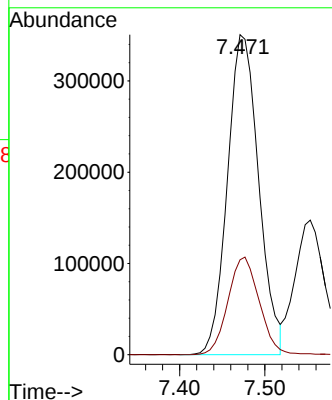
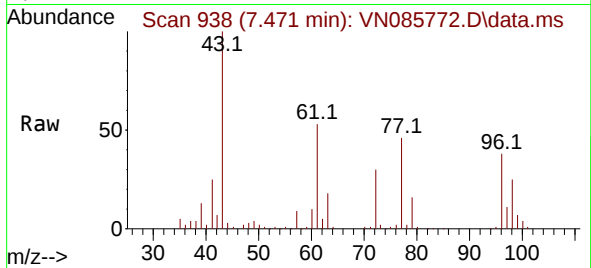
#25
2-Butanone
Concen: 510.235 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 89602
Ion Ratio Lower Upper
43 100
72 29.6 23.6 35.4

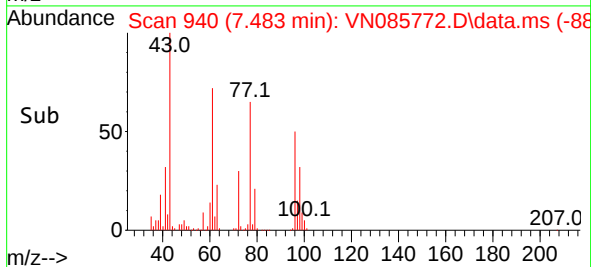
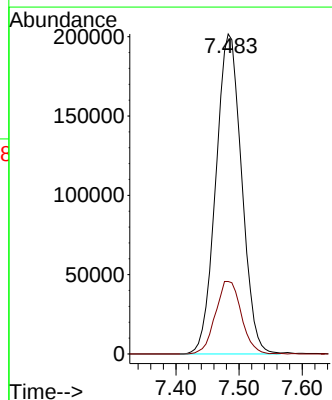
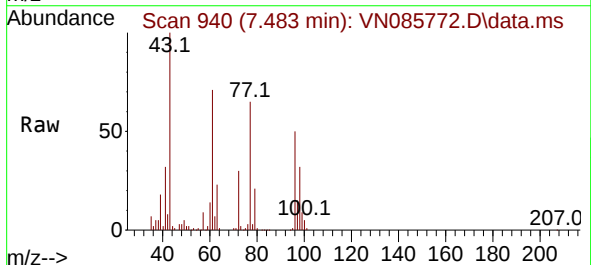
Manual Integrations
APPROVED

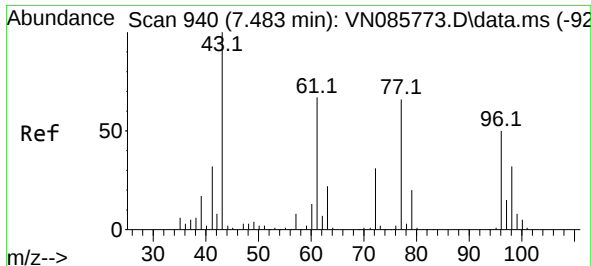
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 100.033 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

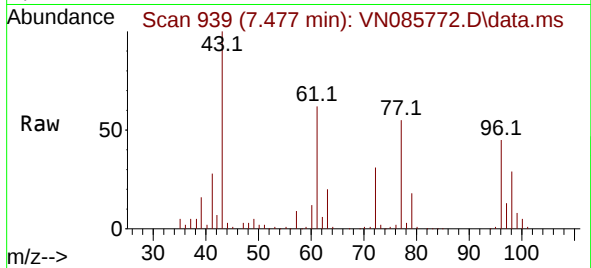
Tgt Ion: 77 Resp: 572429
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 102.929 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

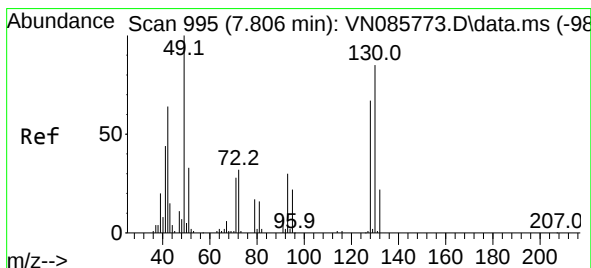
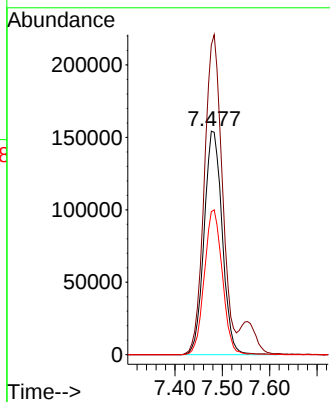
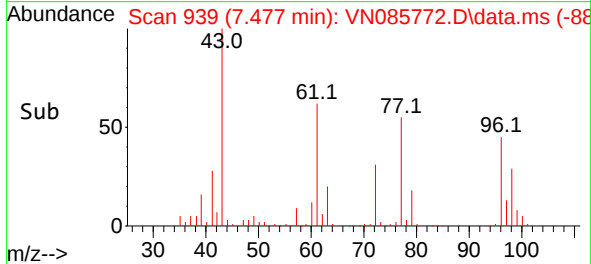
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 41006
Ion Ratio Lower Upper
96 100
61 141.5 0.0 280.6
98 64.4 0.0 128.6

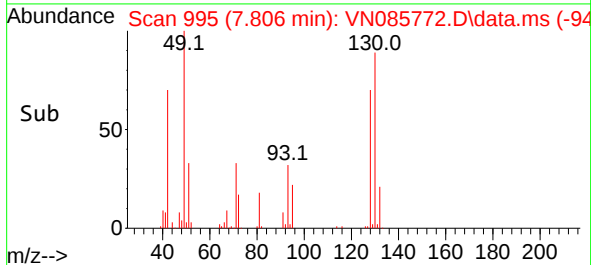
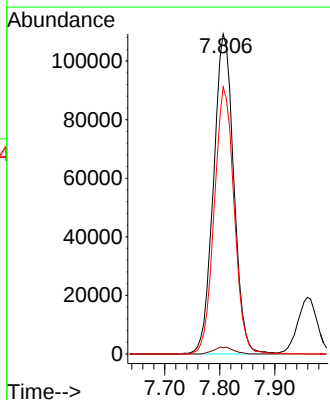
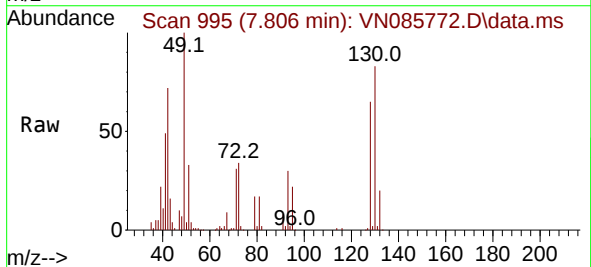
Manual Integrations
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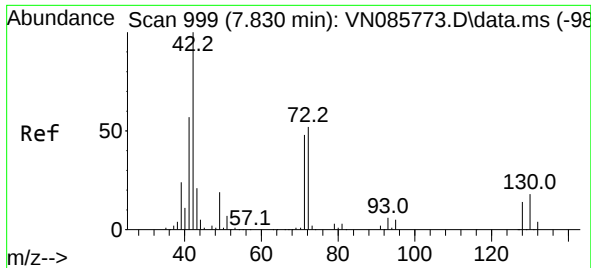
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#28
Bromochloromethane
Concen: 105.895 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

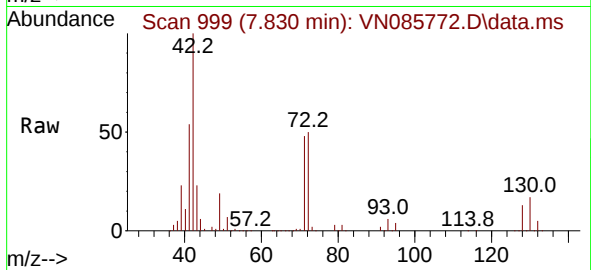
Tgt Ion: 49 Resp: 280092
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 81.9 68.0 102.0





#29
Tetrahydrofuran
Concen: 528.664 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

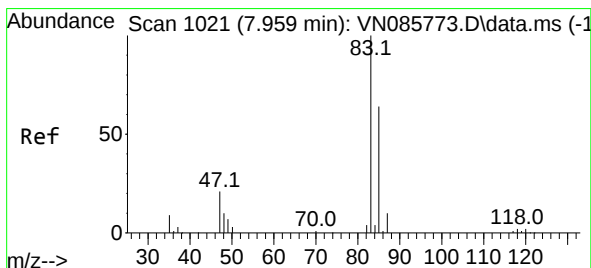
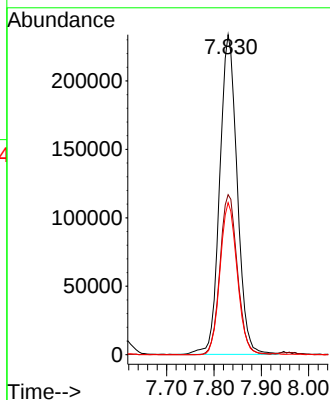
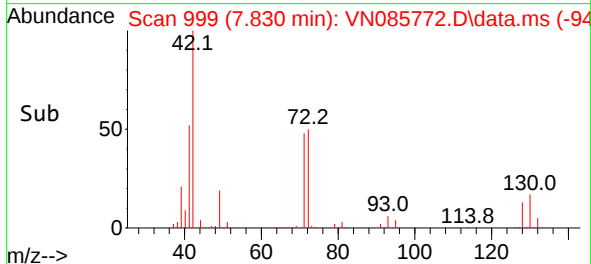
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



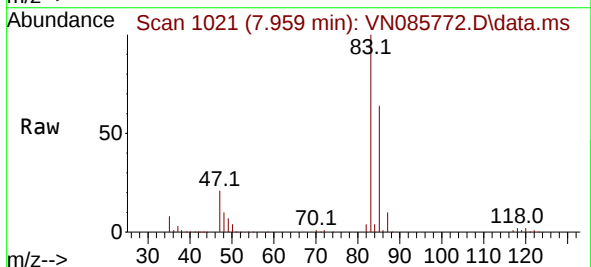
Tgt Ion: 42 Resp: 599504
Ion Ratio Lower Upper
42 100
72 50.0 40.0 60.0
71 46.7 37.0 55.4

Manual Integrations
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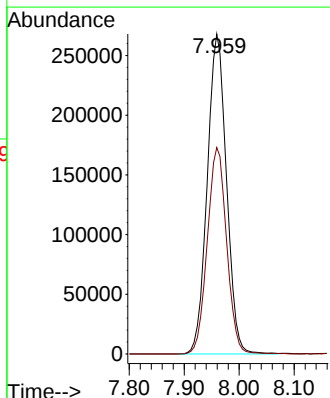
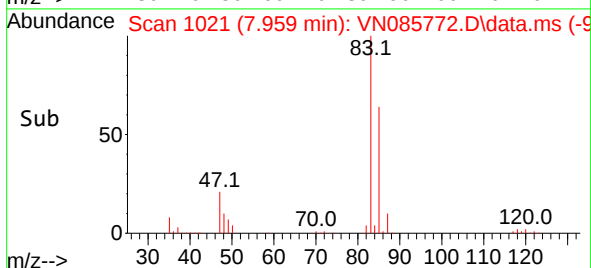
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

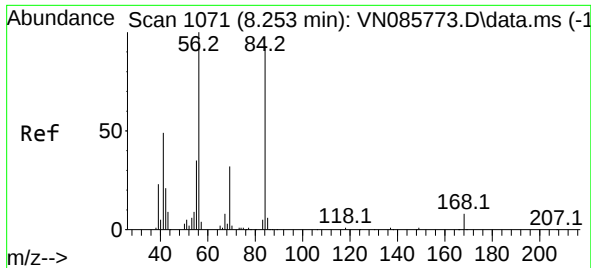


#30
Chloroform
Concen: 96.914 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



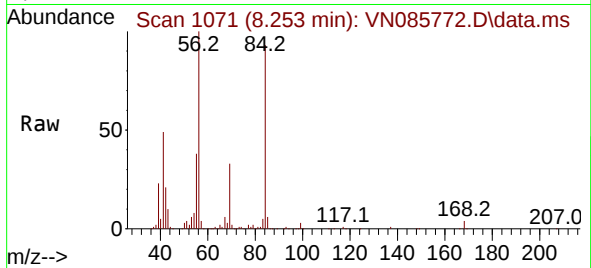
Tgt Ion: 83 Resp: 651761
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3





#31
Cyclohexane
Concen: 94.843 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

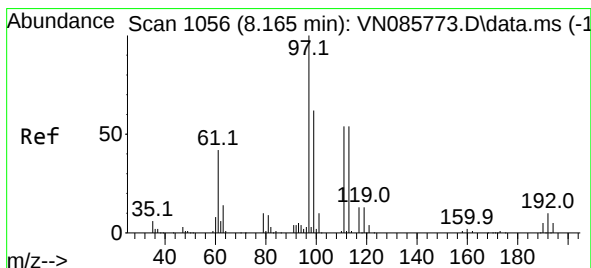
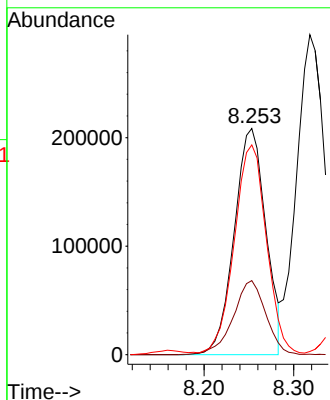
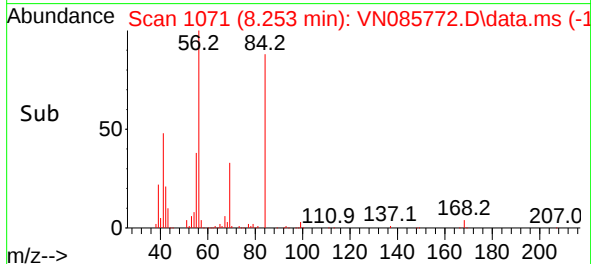
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



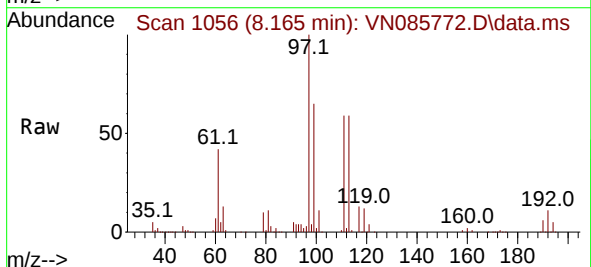
Tgt Ion: 56 Resp: 51103
Ion Ratio Lower Upper
56 100
69 32.8 25.8 38.6
84 91.2 74.5 111.7

Manual Integrations
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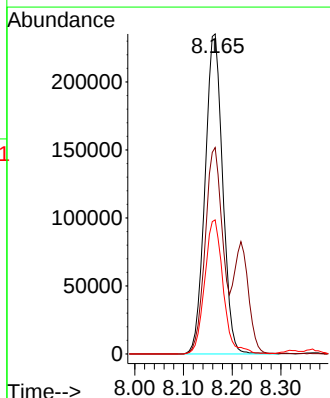
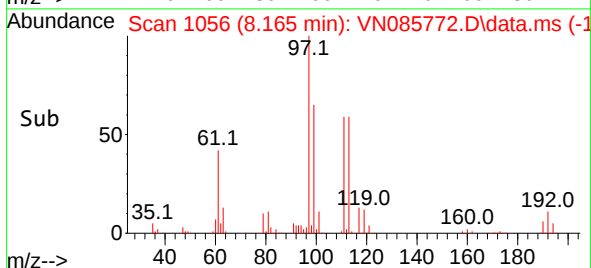
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 98.502 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



Tgt Ion: 97 Resp: 589206
Ion Ratio Lower Upper
97 100
99 64.8 50.4 75.6
61 43.9 35.5 53.3





#33
 1,2-Dichloroethane-d4
 Concen: 107.630 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

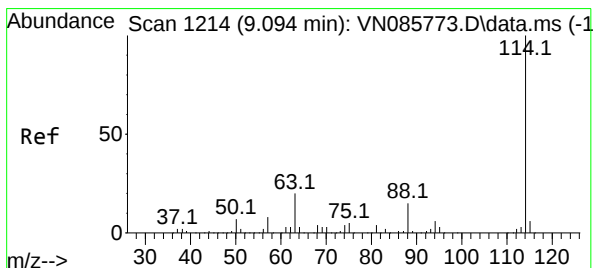
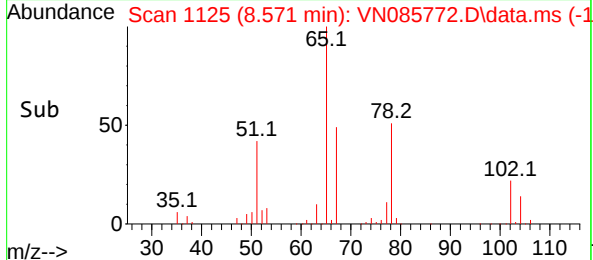
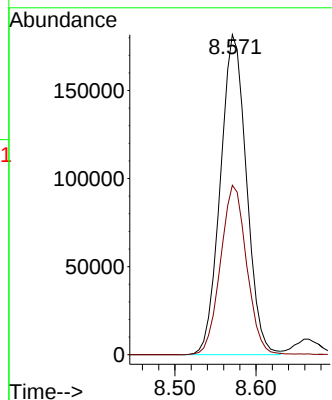
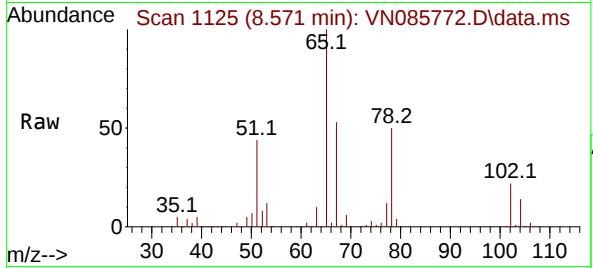
VSTDIC100

Tgt Ion: 65 Resp: 406028
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2

Manual Integrations

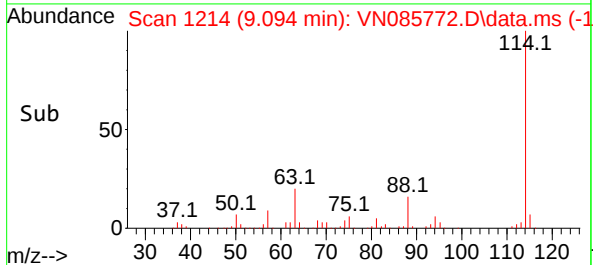
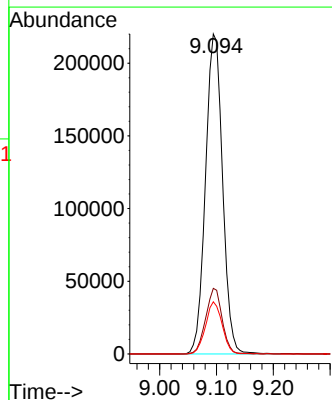
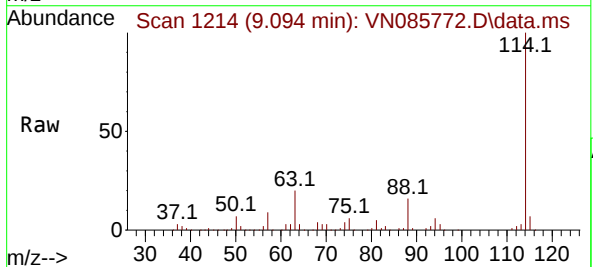
APPROVED

Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09

Tgt Ion:114 Resp: 458183
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 16.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 114.648 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 113 Resp: 343729

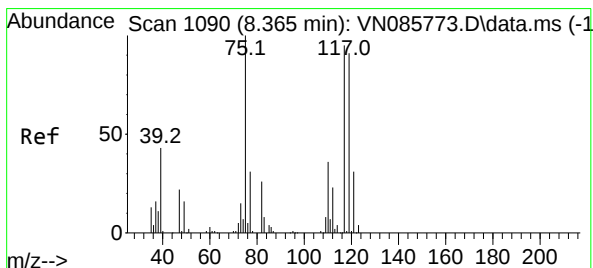
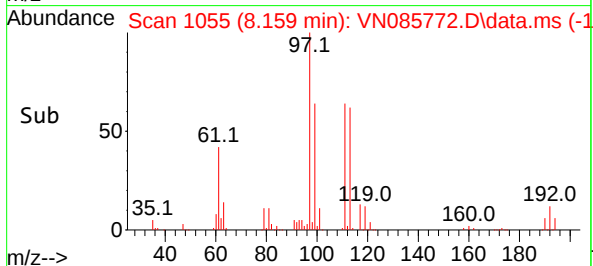
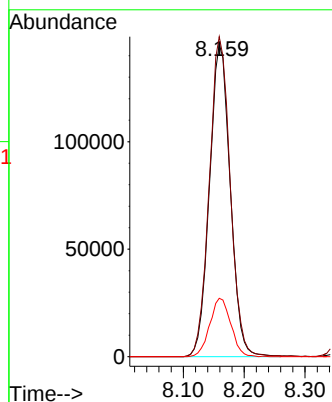
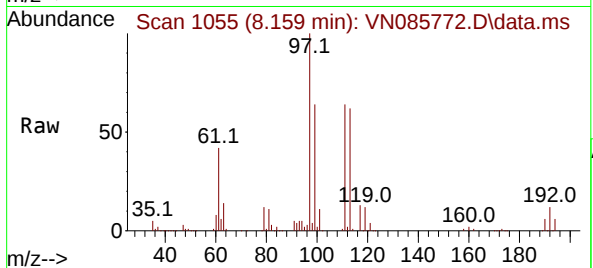
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	18.9	14.7	22.1

Manual Integrations

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Reviewed By : John Carlone 02/19/2025

Supervised By : Mahesh Dadoda 02/19/2025



#36

1,1-Dichloropropene

Concen: 109.949 ug/l

RT: 8.365 min Scan# 1090

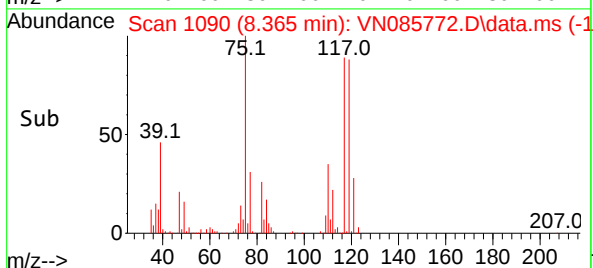
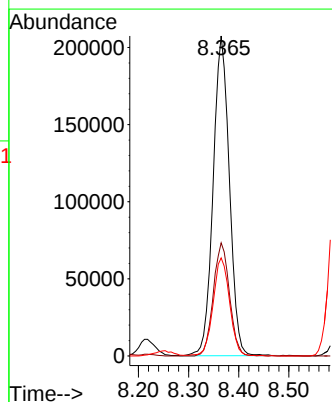
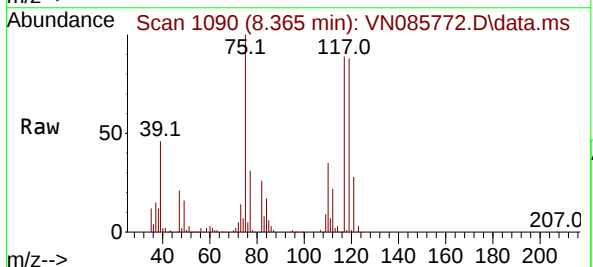
Delta R.T. 0.000 min

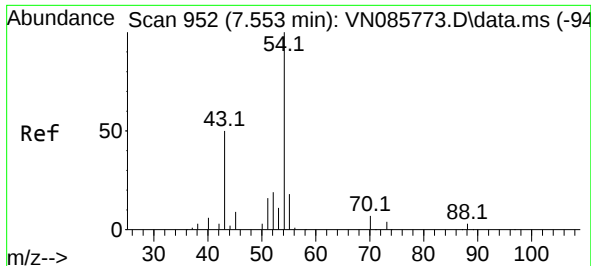
Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Tgt Ion: 75 Resp: 466531

Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.3	52.0
77	31.1	24.6	37.0





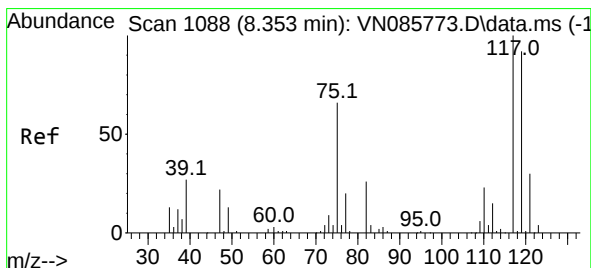
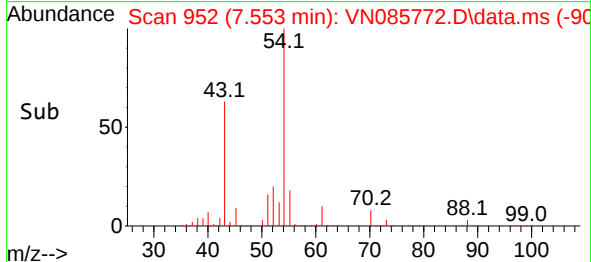
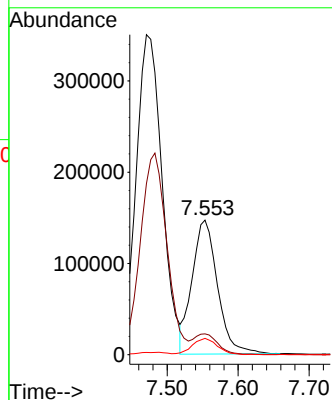
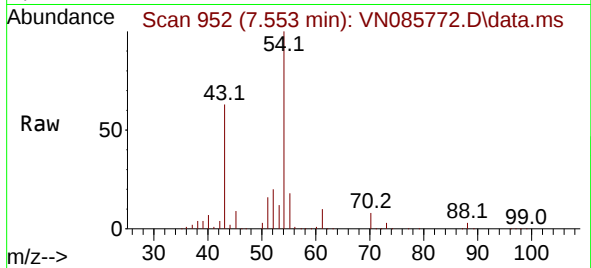
#37
Ethyl Acetate
Concen: 105.069 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 36688
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.2
70 11.9 9.5 14.3

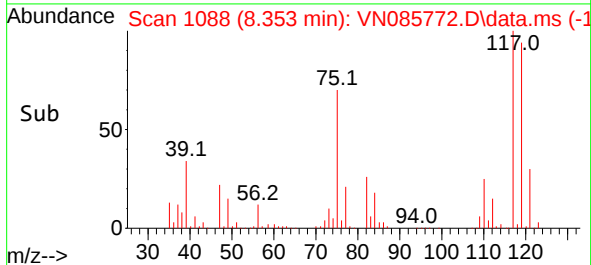
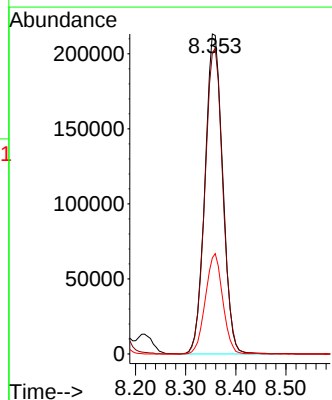
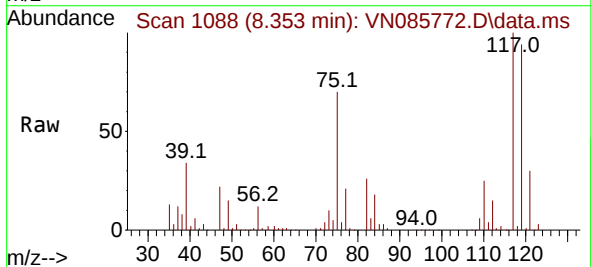
Manual Integrations
APPROVED

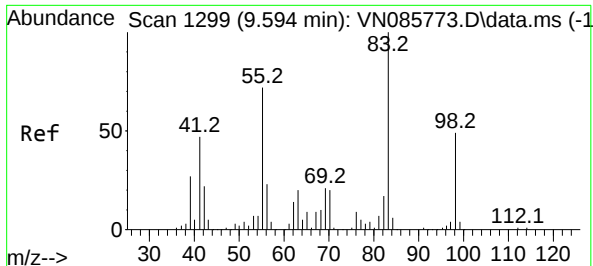
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 104.105 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion:117 Resp: 524870
Ion Ratio Lower Upper
117 100
119 94.1 73.8 110.6
121 30.0 24.3 36.5





#39

Methylcyclohexane

Concen: 123.184 ug/l

RT: 9.594 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 513492

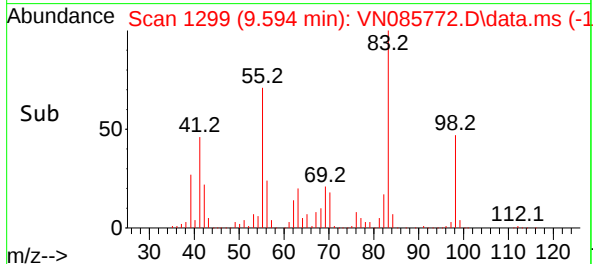
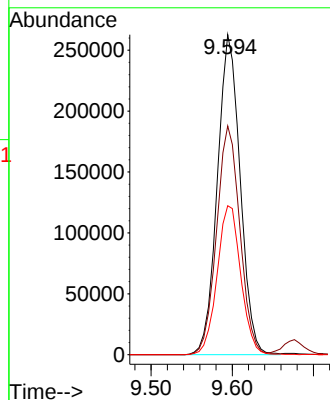
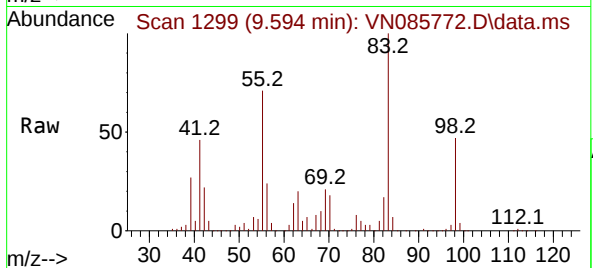
Ion	Ratio	Lower	Upper
83	100		
55	71.5	57.5	86.3
98	46.5	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 106.522 ug/l

RT: 8.600 min Scan# 1130

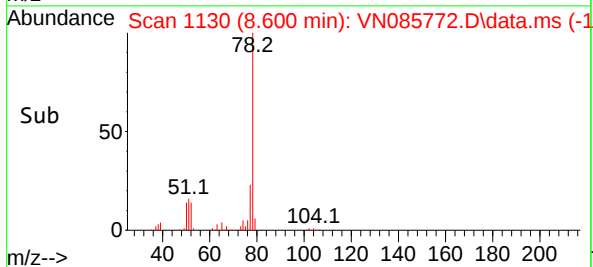
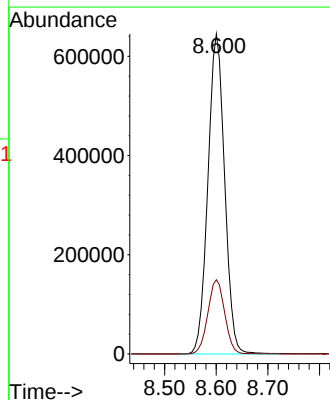
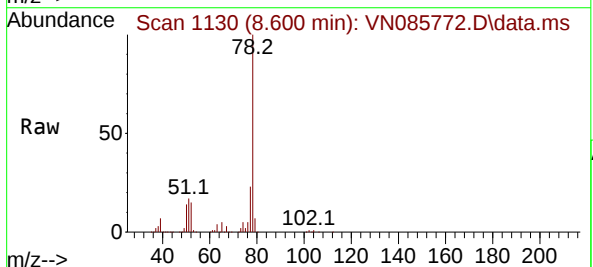
Delta R.T. 0.000 min

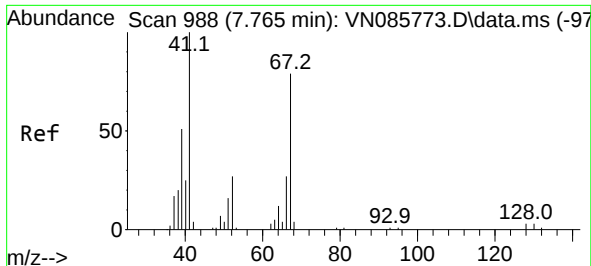
Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Tgt Ion: 78 Resp: 1448660

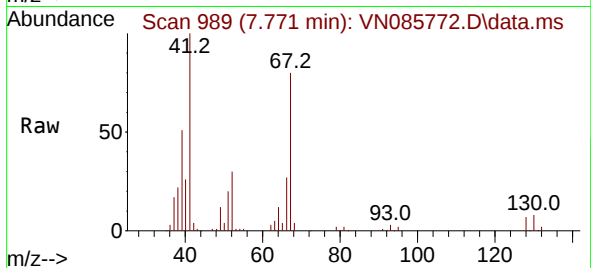
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.3	27.5





#41
Methacrylonitrile
Concen: 109.119 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

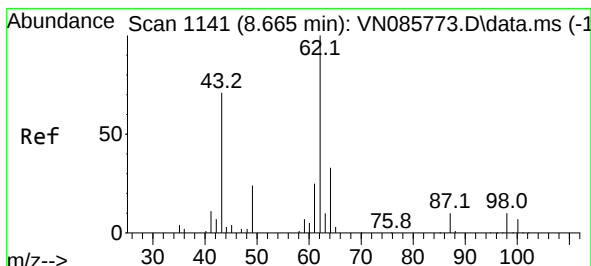
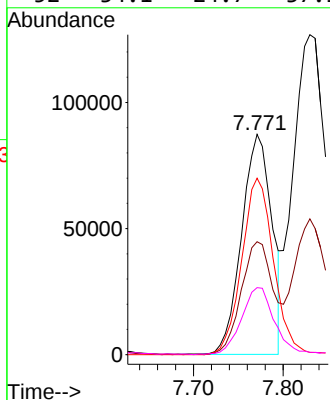
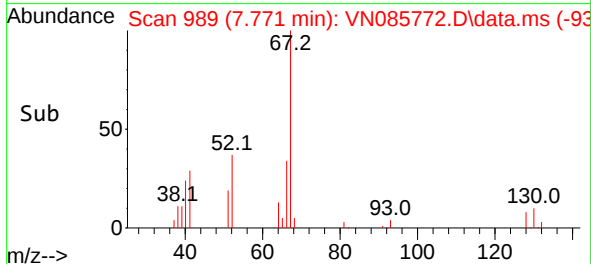
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 41 Resp: 203689
Ion Ratio Lower Upper
41 100
39 55.9 42.0 63.0
67 85.0 64.2 96.4
52 34.1 24.7 37.1

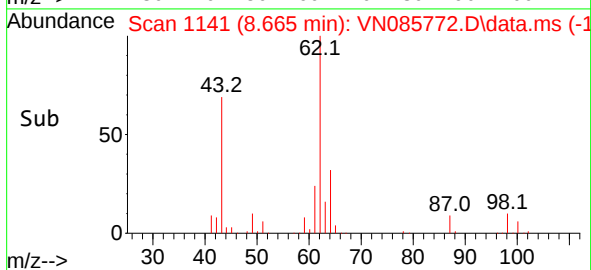
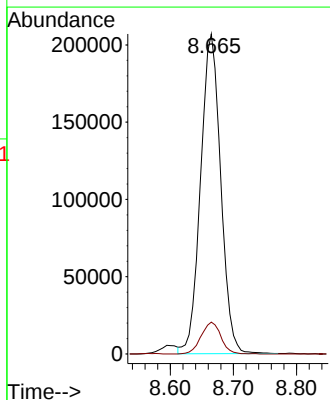
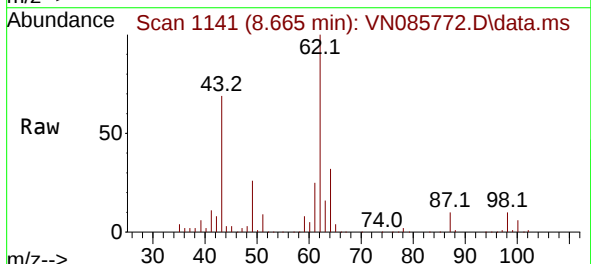
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 103.326 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

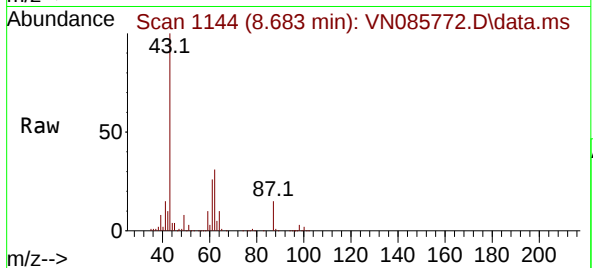
Tgt Ion: 62 Resp: 457707
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6





#43
Isopropyl Acetate
Concen: 101.163 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

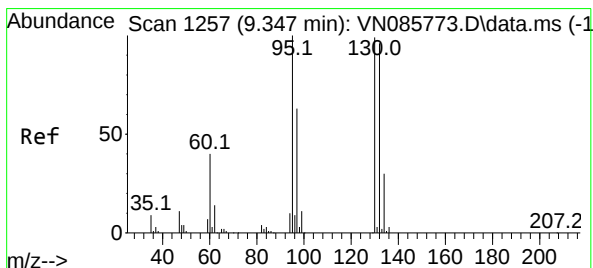
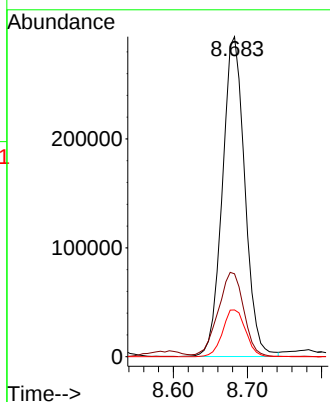
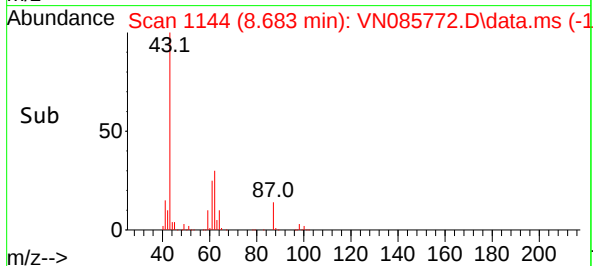
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



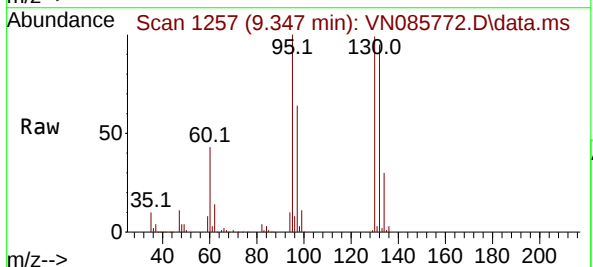
Tgt Ion: 43 Resp: 61652
Ion Ratio Lower Upper
43 100
61 30.1 22.6 34.0
87 15.0 11.8 17.8

Manual Integrations
APPROVED

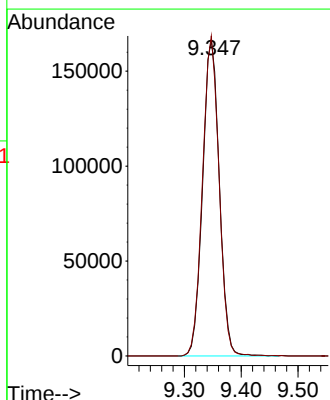
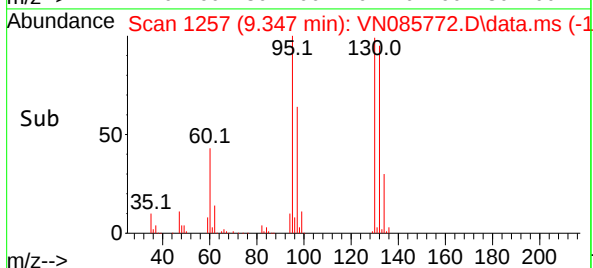
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

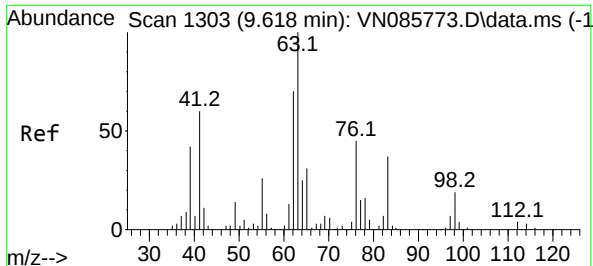


#44
Trichloroethene
Concen: 101.529 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



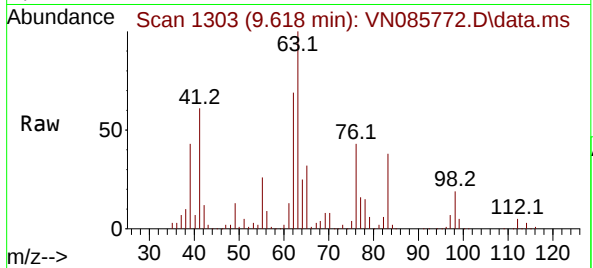
Tgt Ion:130 Resp: 339019
Ion Ratio Lower Upper
130 100
95 101.4 0.0 202.6





#45
1,2-Dichloropropane
Concen: 105.316 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

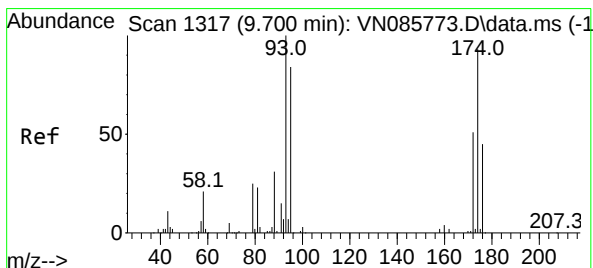
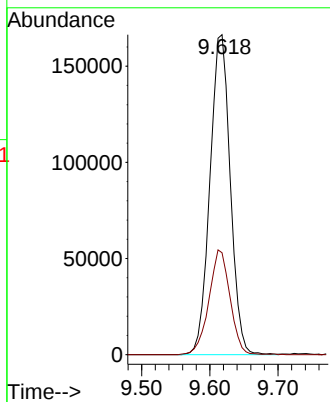
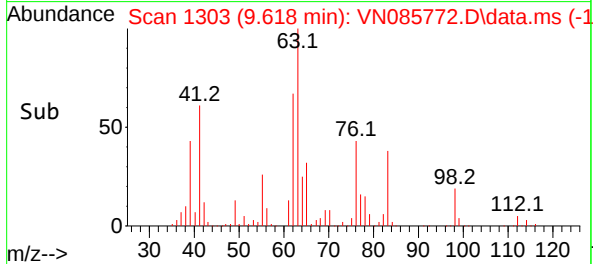
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



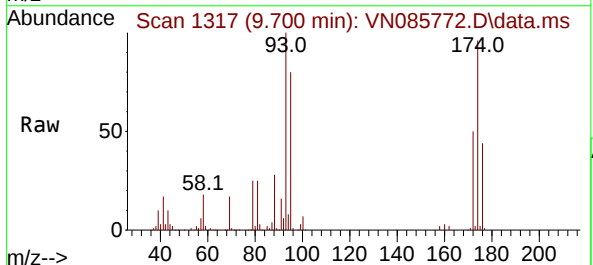
Tgt Ion: 63 Resp: 34572
Ion Ratio Lower Upper
63 100
65 31.9 25.1 37.7

Manual Integrations
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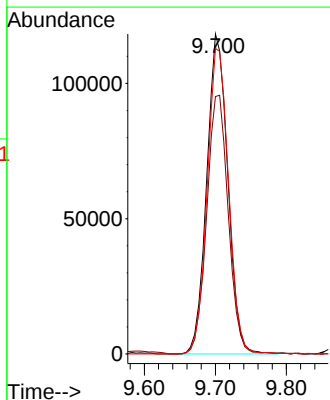
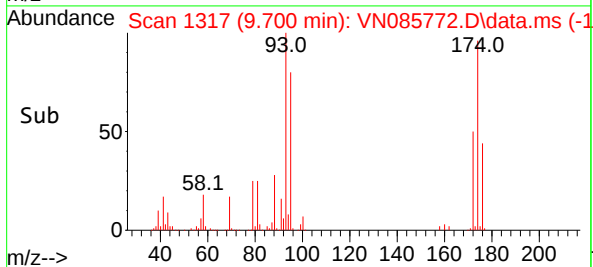
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#46
Dibromomethane
Concen: 105.216 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



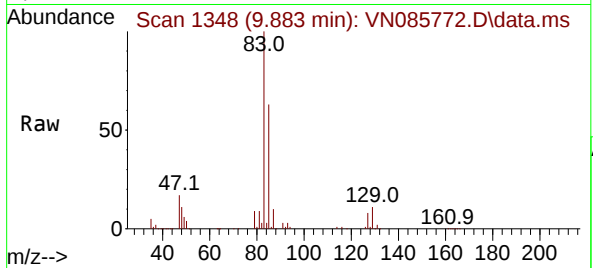
Tgt Ion: 93 Resp: 243628
Ion Ratio Lower Upper
93 100
95 82.8 66.7 100.1
174 96.6 77.2 115.8





#47
Bromodichloromethane
Concen: 105.269 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

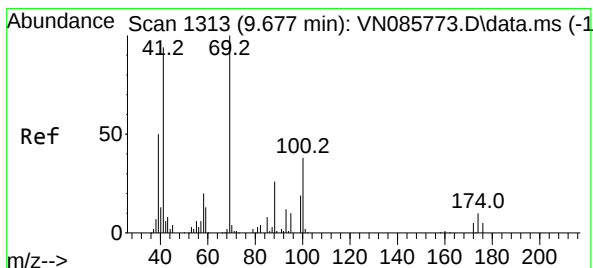
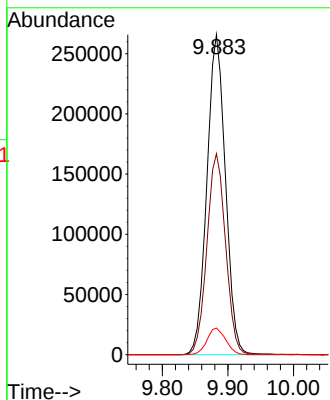
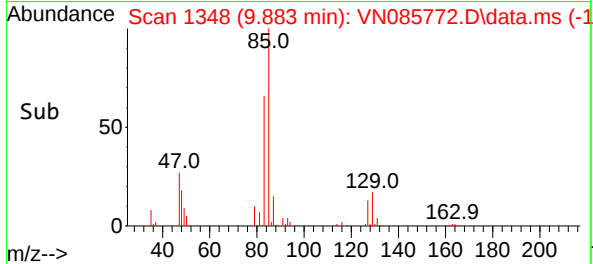
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 521490
Ion Ratio Lower Upper
83 100
85 62.8 50.5 75.7
127 8.3 7.2 10.8

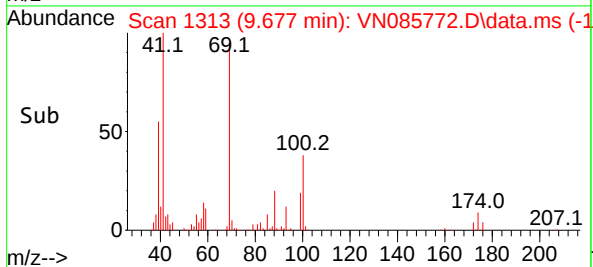
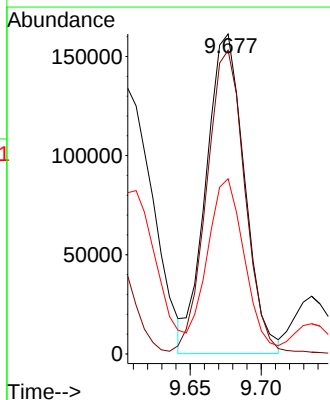
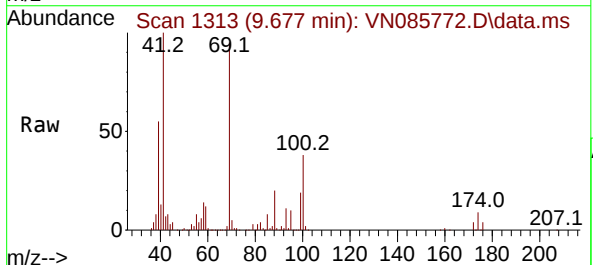
Manual Integrations
APPROVED

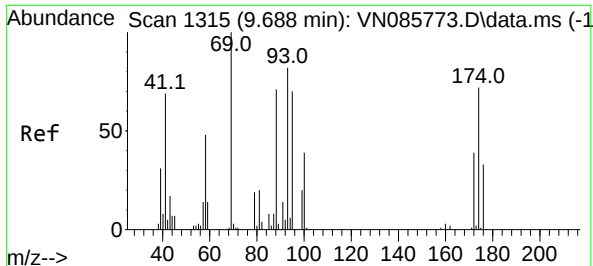
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#48
Methyl methacrylate
Concen: 117.252 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 41 Resp: 304067
Ion Ratio Lower Upper
41 100
69 95.1 76.0 114.0
39 53.0 42.3 63.5





#49

1,4-Dioxane

Concen: 2036.793 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 10044

Ion Ratio Lower Upper

88 100

43 23.5 18.6 27.8

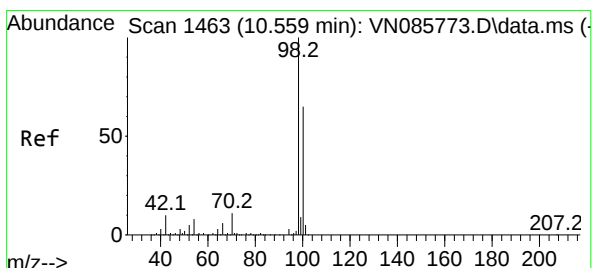
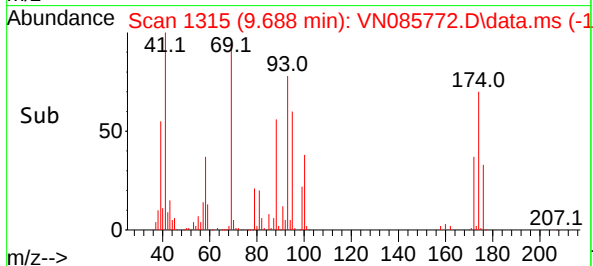
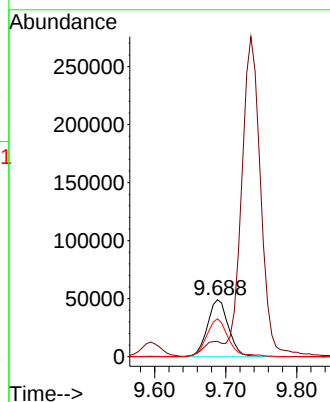
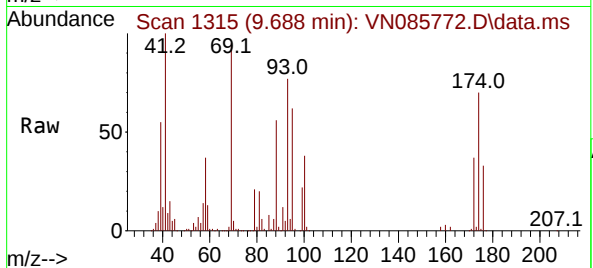
58 69.2 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#50

Toluene-d8

Concen: 121.348 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085772.D

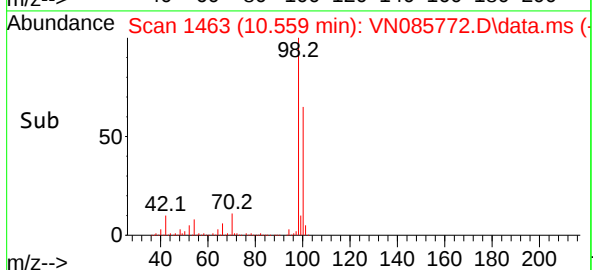
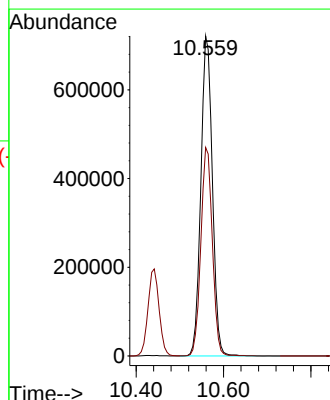
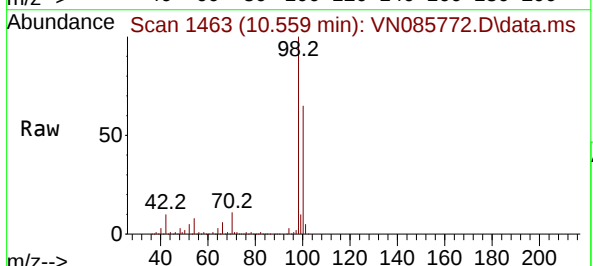
Acq: 18 Feb 2025 11:09

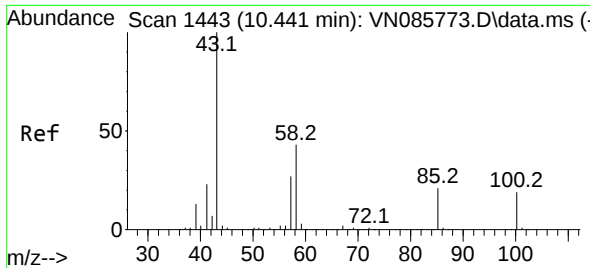
Tgt Ion: 98 Resp: 1323681

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1





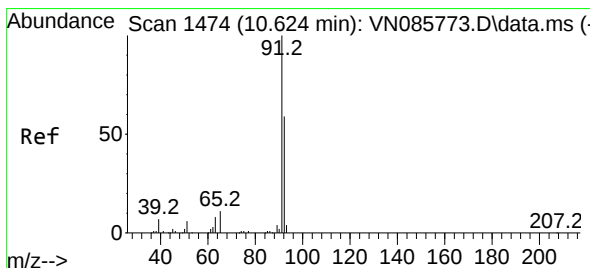
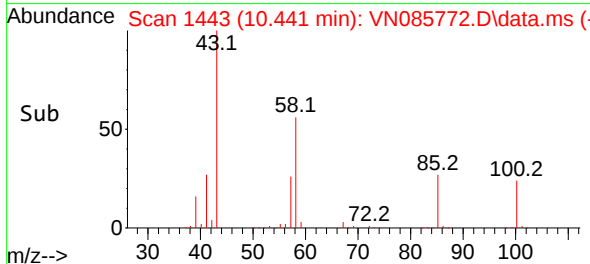
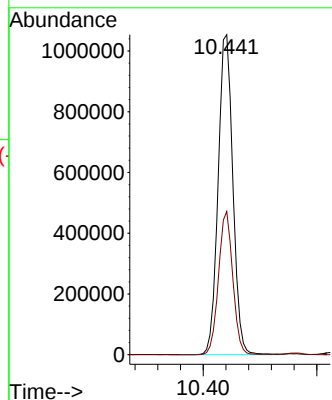
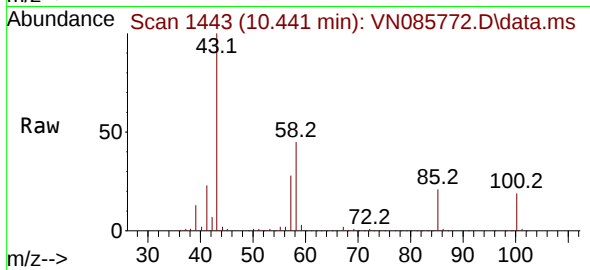
#51
4-Methyl-2-Pentanone
Concen: 563.403 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 189677
Ion Ratio Lower Upper
43 100
58 43.3 34.6 52.0

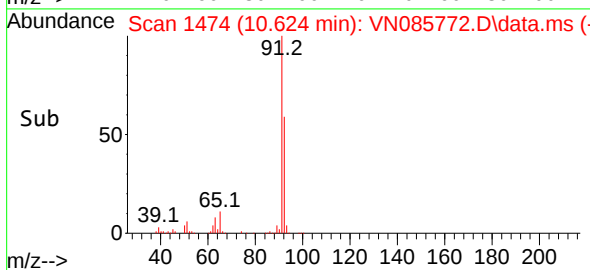
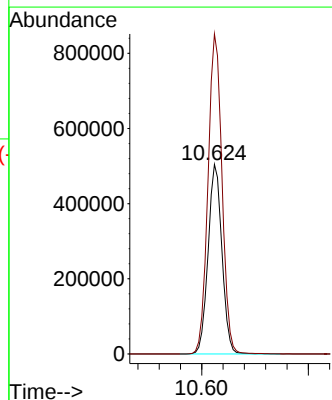
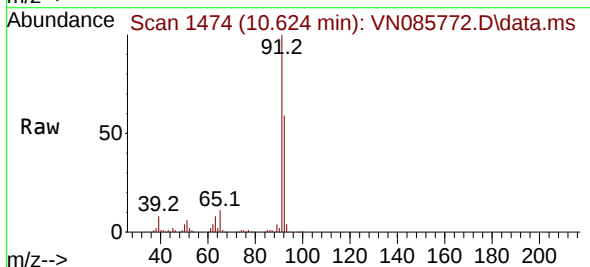
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 114.182 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

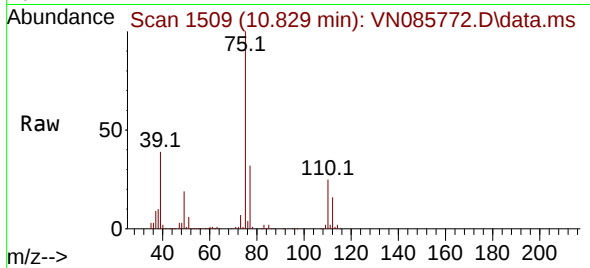
Tgt Ion: 92 Resp: 910251
Ion Ratio Lower Upper
92 100
91 170.7 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 115.223 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

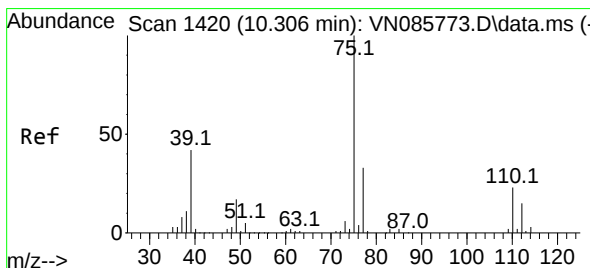
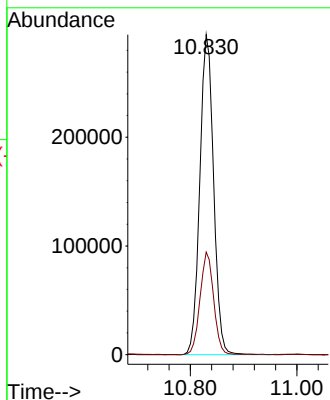
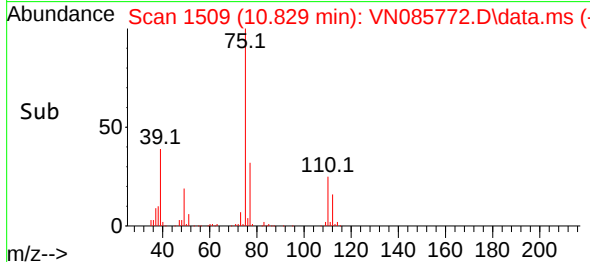
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



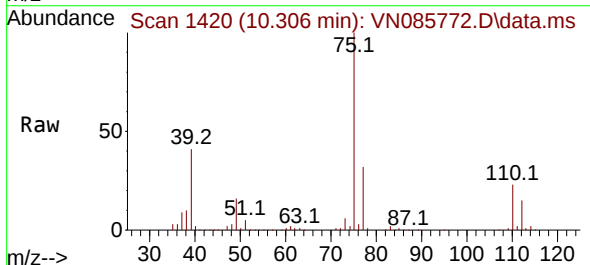
Tgt Ion: 75 Resp: 52781
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

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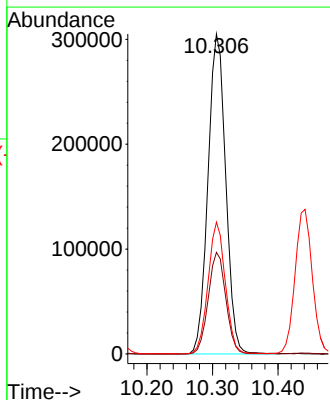
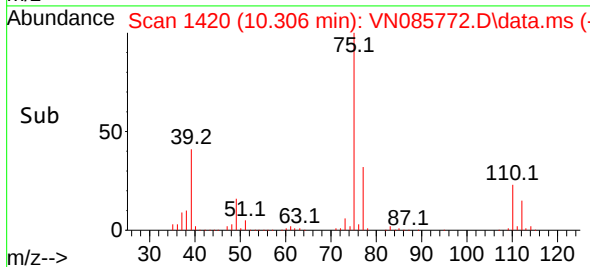
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

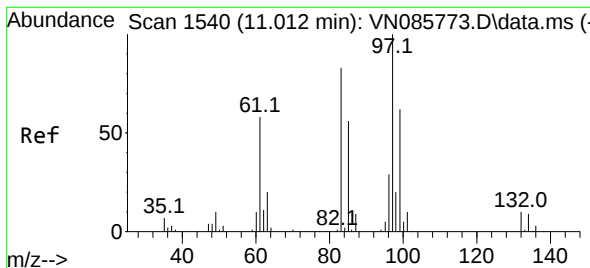


#54
cis-1,3-Dichloropropene
Concen: 114.202 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



Tgt Ion: 75 Resp: 573653
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 41.2 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 104.317 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 33064

Ion Ratio Lower Upper

97 100

83 81.9 66.1 99.1

85 53.8 44.7 67.1

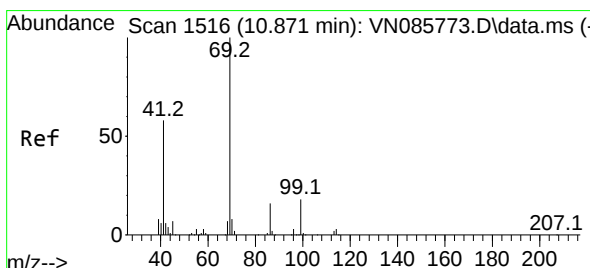
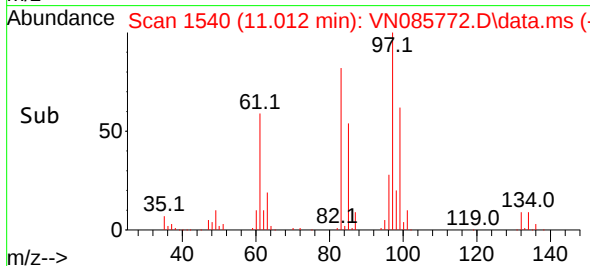
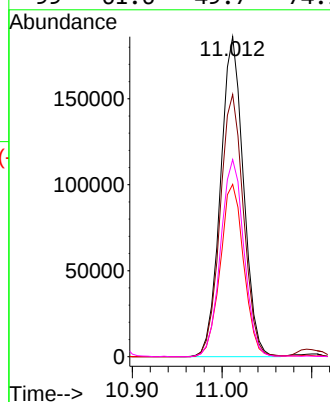
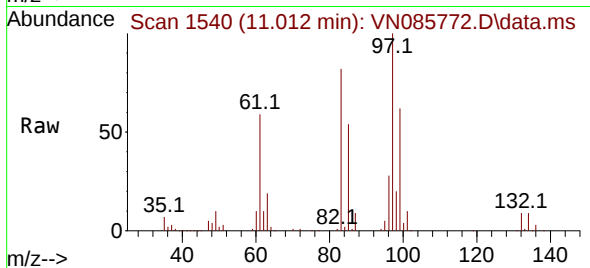
99 61.6 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#56

Ethyl methacrylate

Concen: 100.007 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

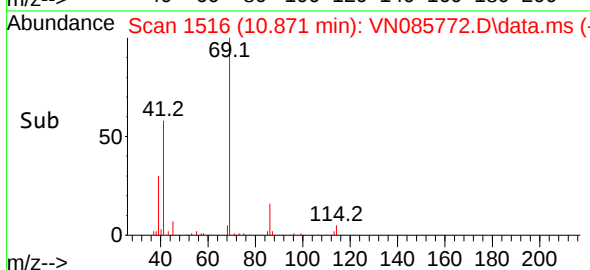
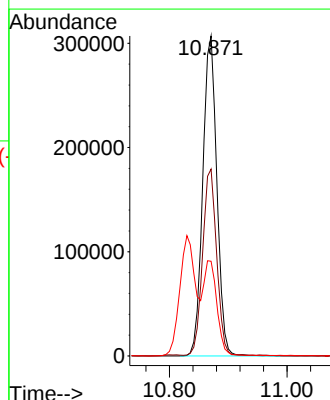
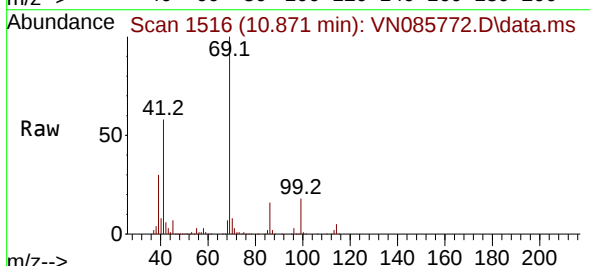
Tgt Ion: 69 Resp: 510041

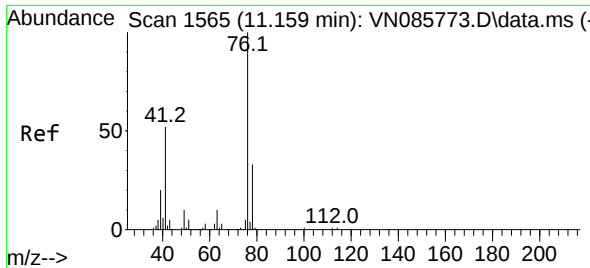
Ion Ratio Lower Upper

69 100

41 57.9 46.0 69.0

39 27.2 22.0 33.0





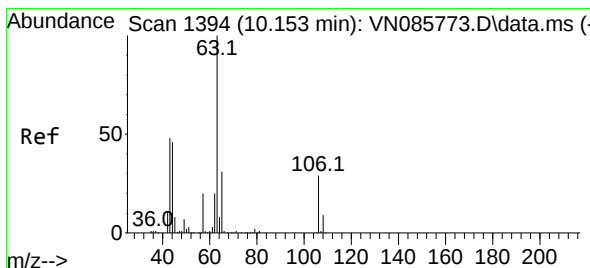
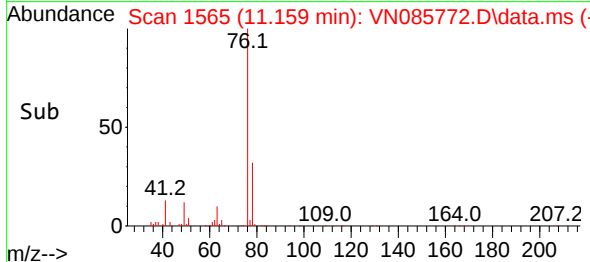
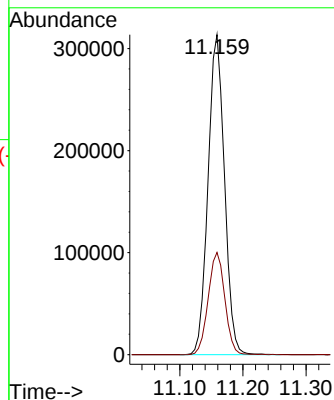
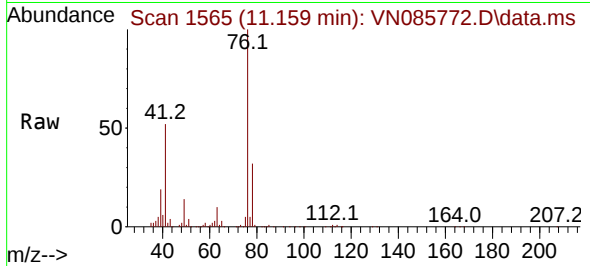
#57
1,3-Dichloropropane
Concen: 107.169 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 567039
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9

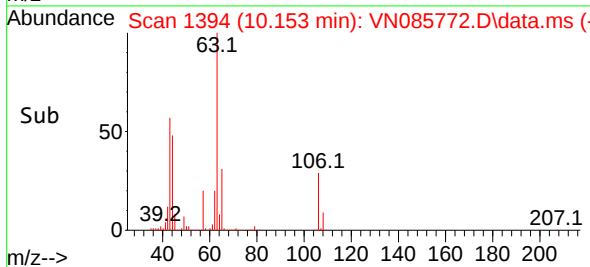
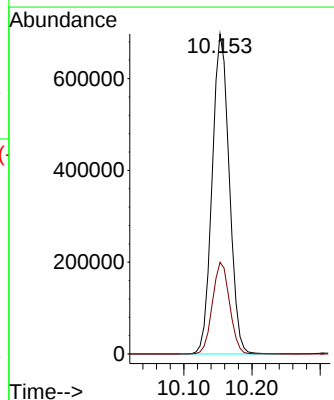
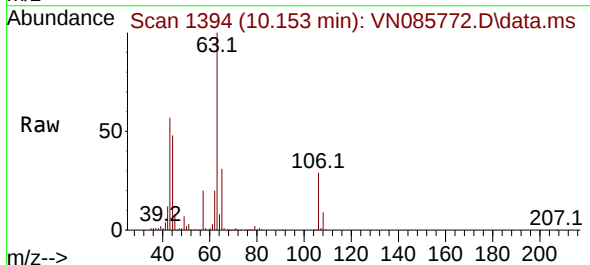
Manual Integrations
APPROVED

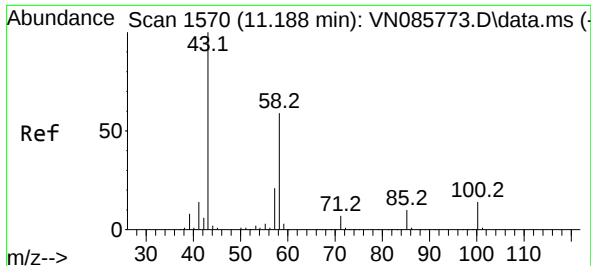
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 502.158 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 63 Resp: 1216927
Ion Ratio Lower Upper
63 100
106 28.8 22.7 34.1





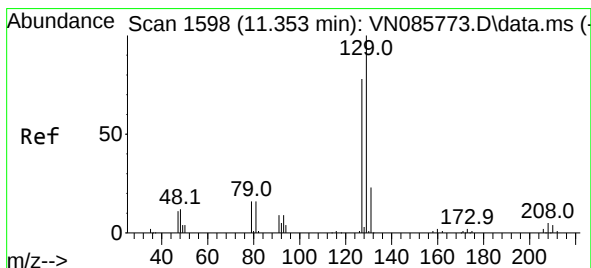
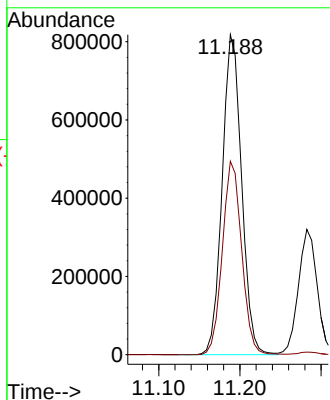
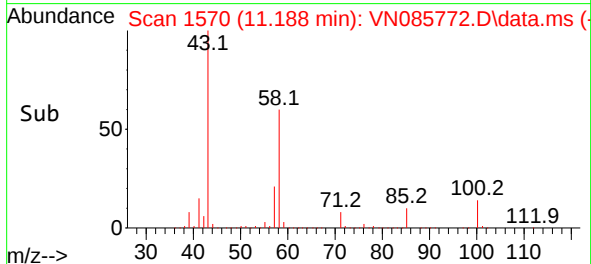
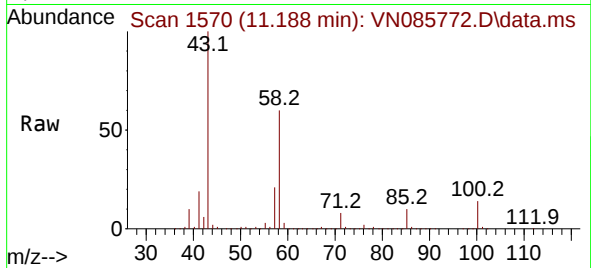
#59
2-Hexanone
Concen: 586.394 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 1358120
Ion Ratio Lower Upper
43 100
58 60.2 29.8 89.5

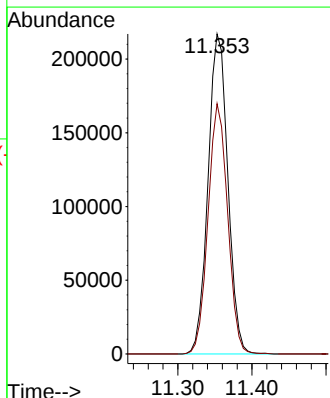
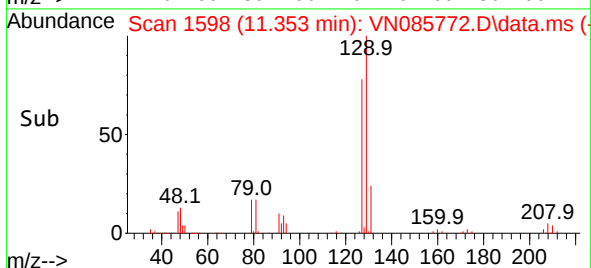
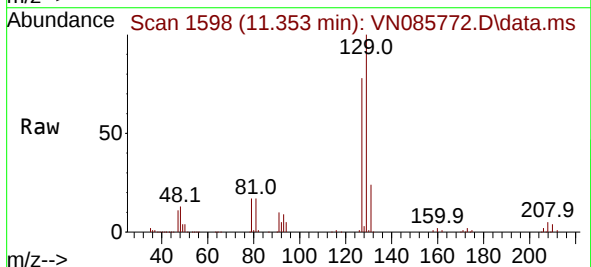
Manual Integrations
APPROVED

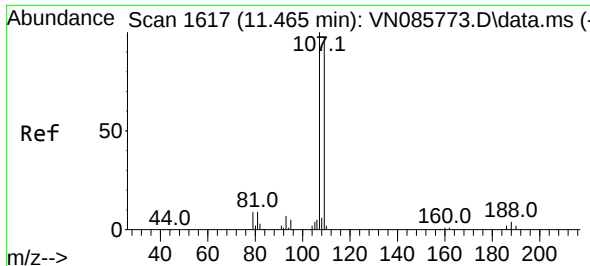
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 109.169 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

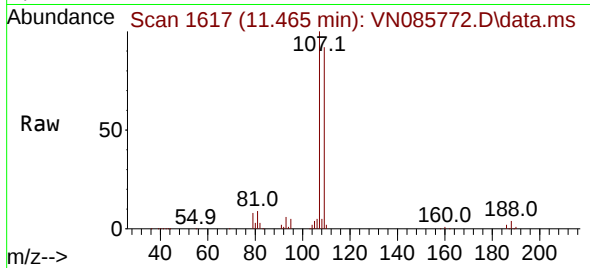
Tgt Ion:129 Resp: 402920
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.5





#61
1,2-Dibromoethane
Concen: 108.439 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

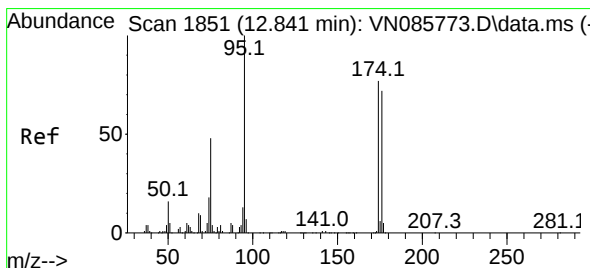
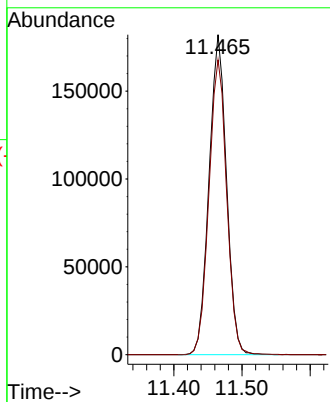
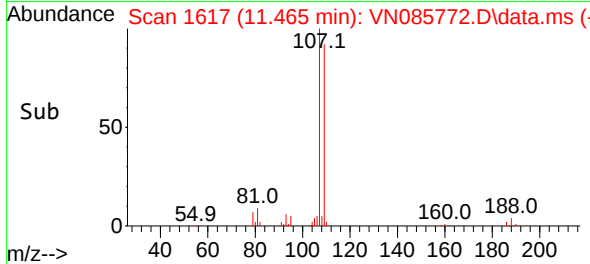
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:107 Resp: 32474
Ion Ratio Lower Upper
107 100
109 93.8 76.0 114.0

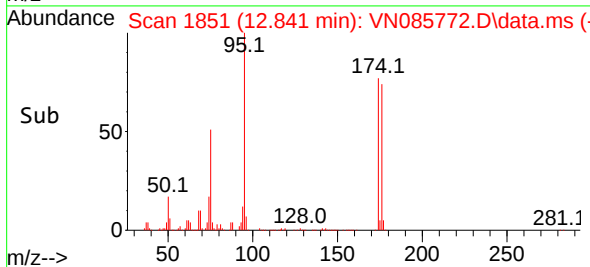
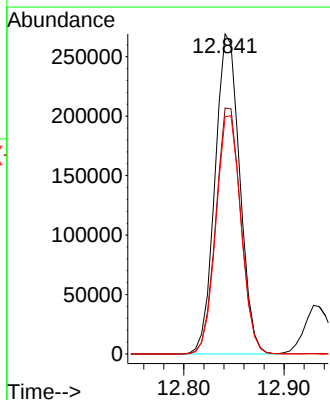
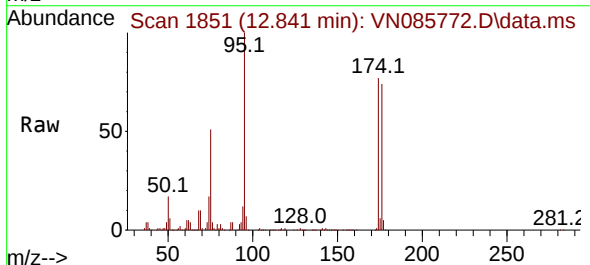
Manual Integrations
APPROVED

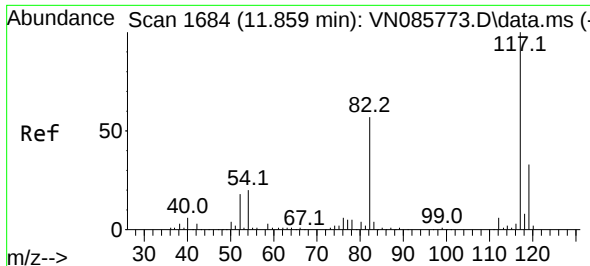
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 128.269 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

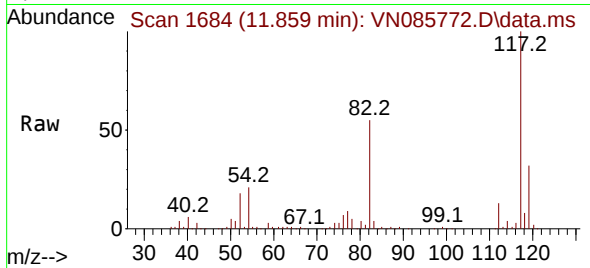
Tgt Ion: 95 Resp: 460996
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.4
176 75.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

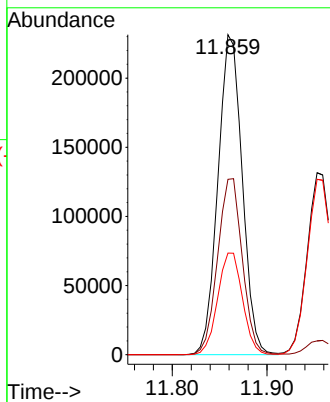
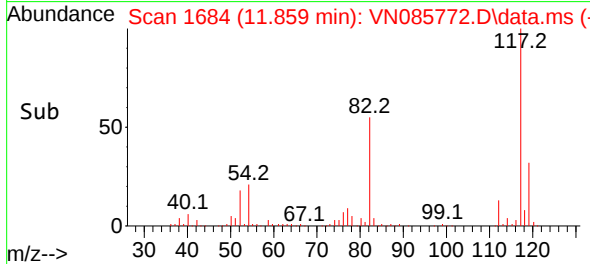
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



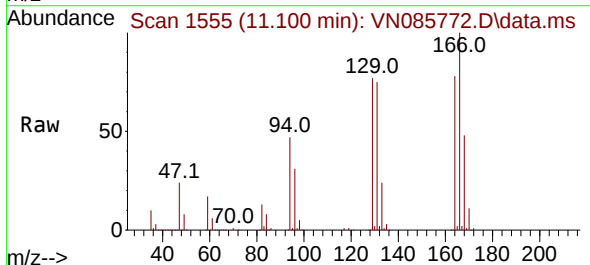
Tgt Ion:117 Resp: 412615
Ion Ratio Lower Upper
117 100
82 54.8 45.7 68.5
119 31.8 26.2 39.2

Manual Integrations
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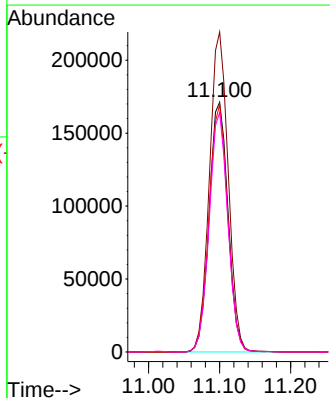
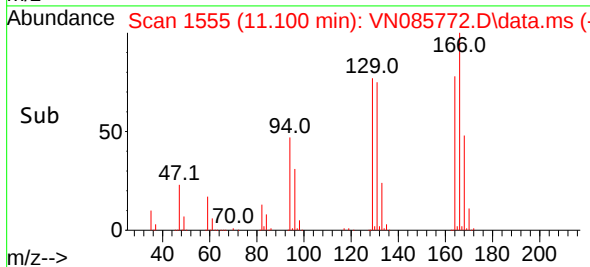
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

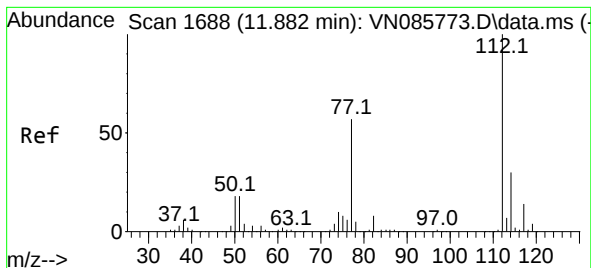


#64
Tetrachloroethene
Concen: 99.063 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



Tgt Ion:164 Resp: 316658
Ion Ratio Lower Upper
164 100
166 128.1 107.2 160.8
129 99.1 80.7 121.1
131 95.9 74.6 112.0





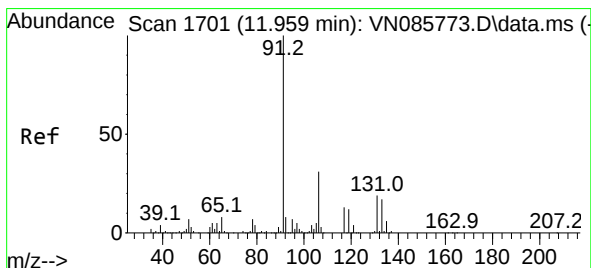
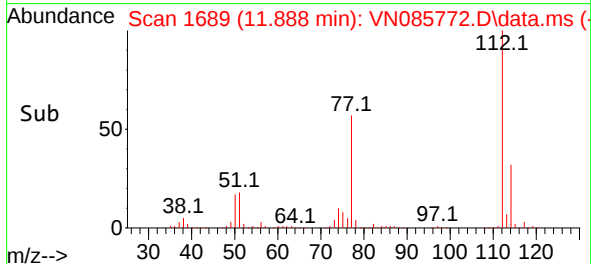
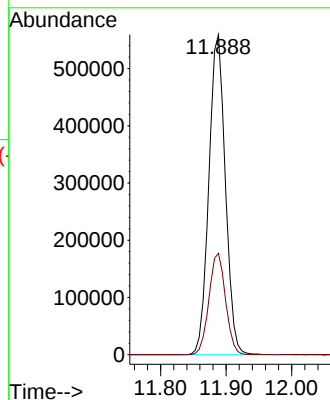
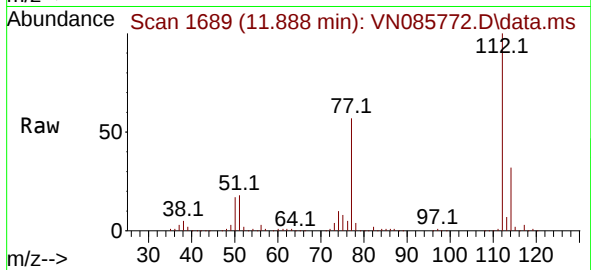
#65
Chlorobenzene
Concen: 103.290 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 97633
Ion Ratio Lower Upper
112 100
114 31.7 24.3 36.5

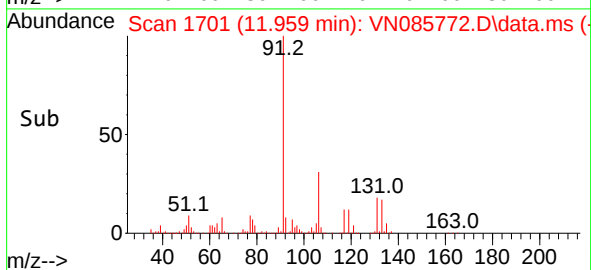
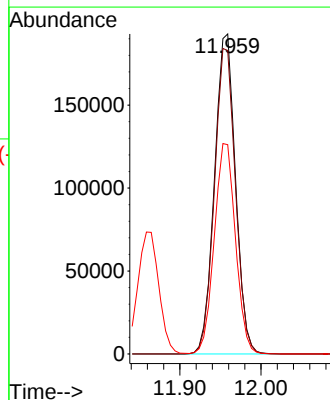
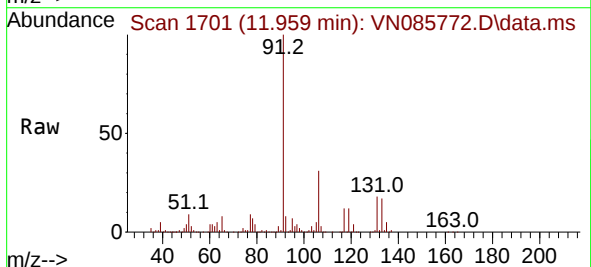
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 102.068 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

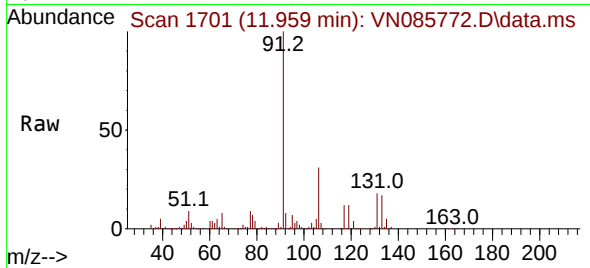
Tgt Ion:131 Resp: 346777
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 66.5 33.3 99.8





#67
Ethyl Benzene
Concen: 117.301 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

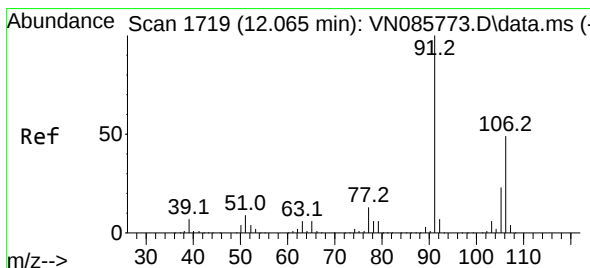
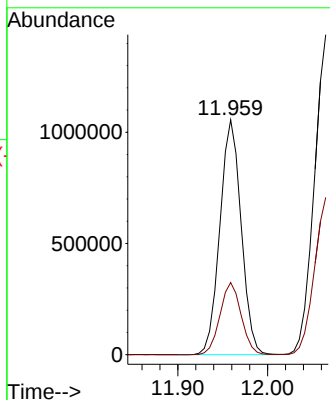
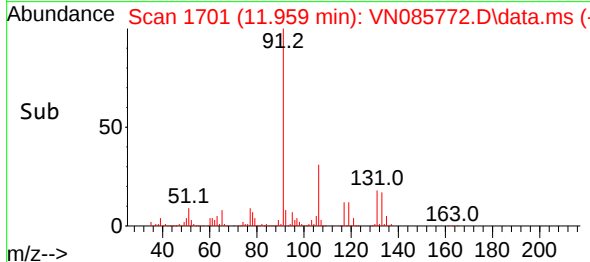
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



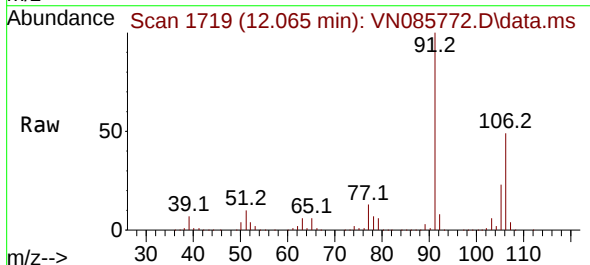
Tgt Ion: 91 Resp: 173684
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1

Manual Integrations
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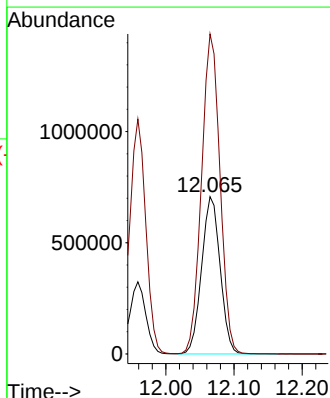
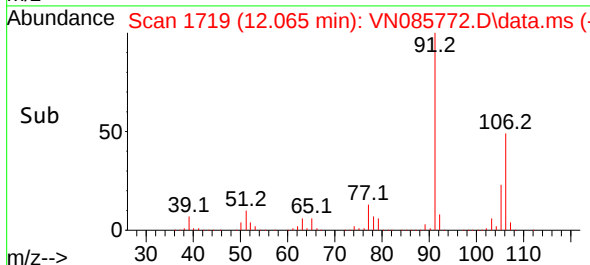
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

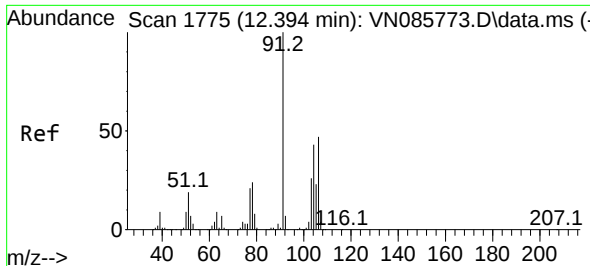


#68
m/p-Xylenes
Concen: 237.496 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



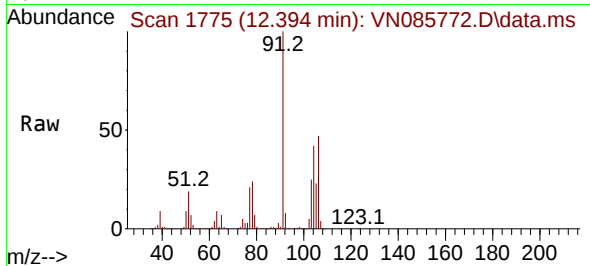
Tgt Ion:106 Resp: 1335750
Ion Ratio Lower Upper
106 100
91 203.3 163.3 244.9





#69
o-Xylene
Concen: 118.977 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

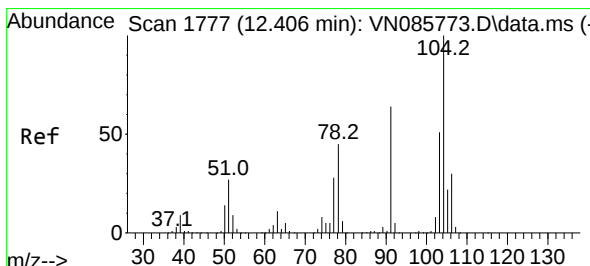
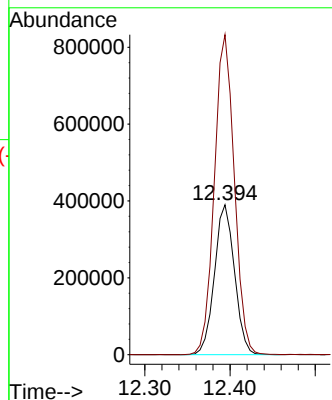
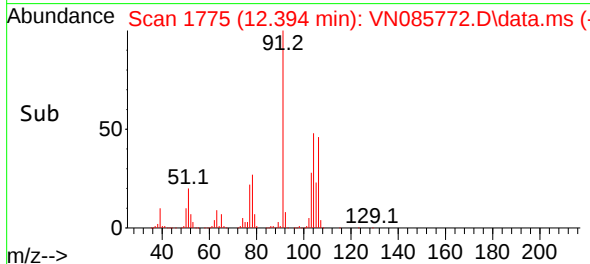
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:106 Resp: 635879
Ion Ratio Lower Upper
106 100
91 213.2 107.1 321.4

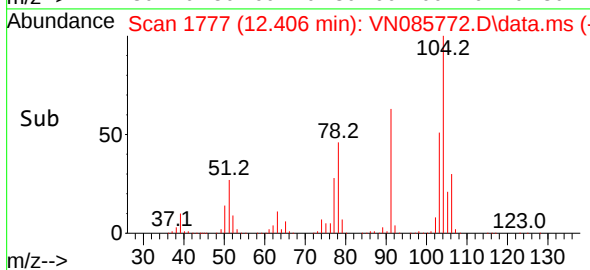
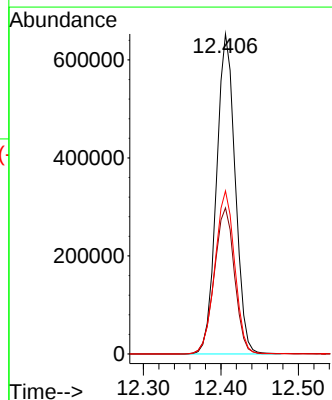
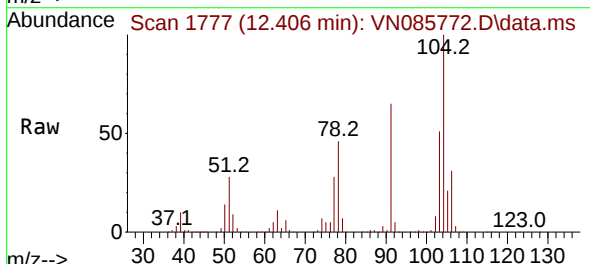
Manual Integrations
APPROVED

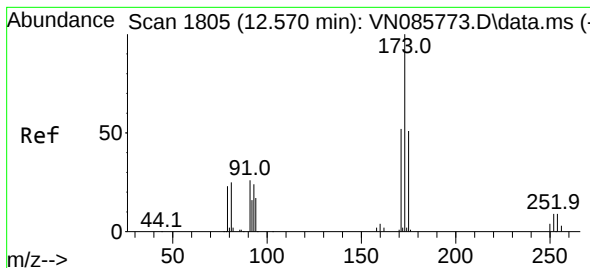
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 100.012 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion:104 Resp: 1095464
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 53.9 43.3 64.9





#71

Bromoform

Concen: 106.877 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.006 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:173 Resp: 269810

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.4

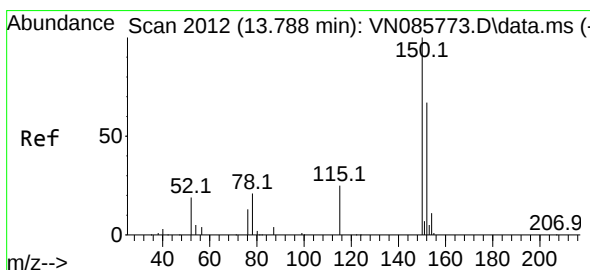
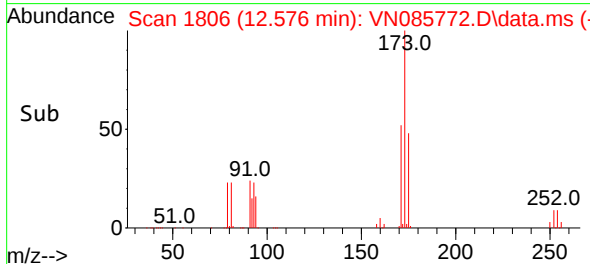
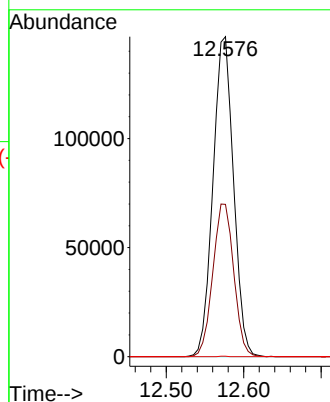
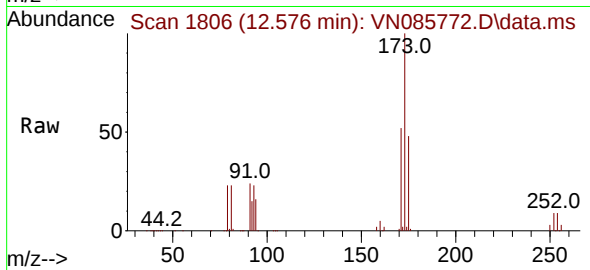
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

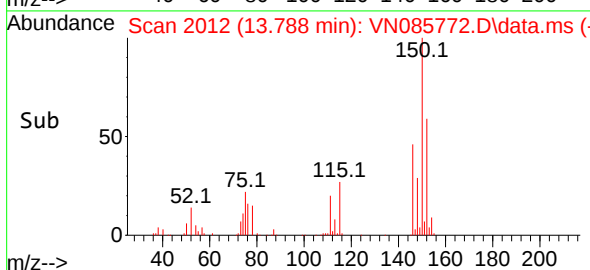
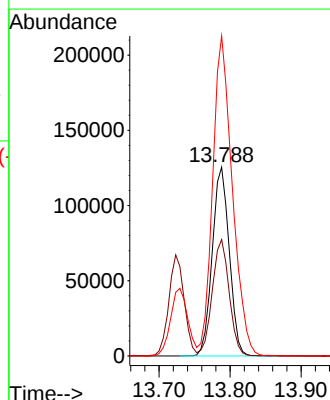
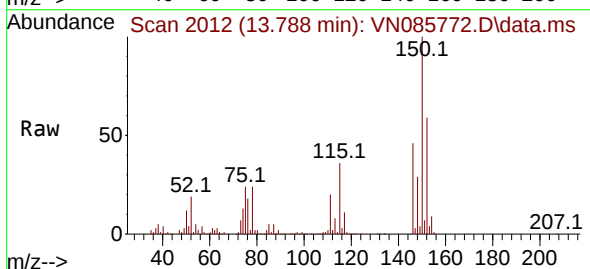
Tgt Ion:152 Resp: 208401

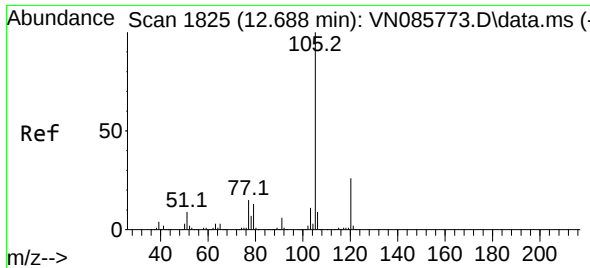
Ion Ratio Lower Upper

152 100

115 61.5 30.4 91.3

150 196.0 0.0 345.4





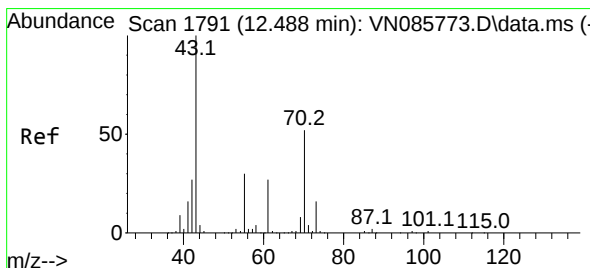
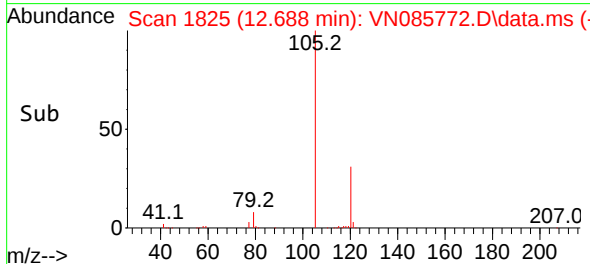
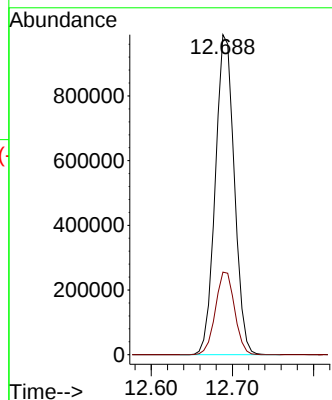
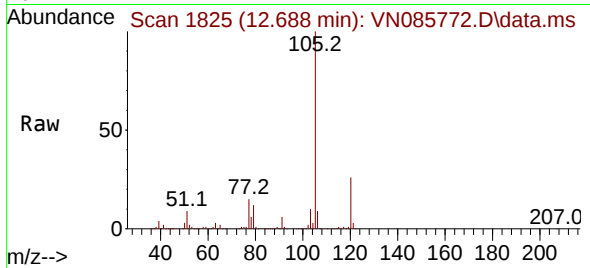
#73
Isopropylbenzene
Concen: 112.422 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 1605090
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

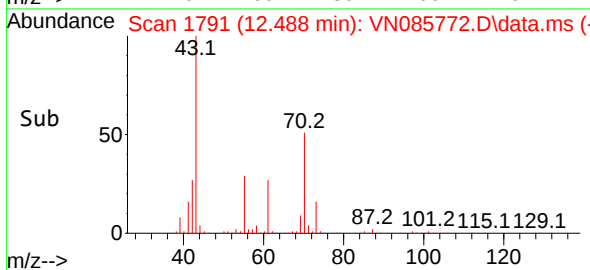
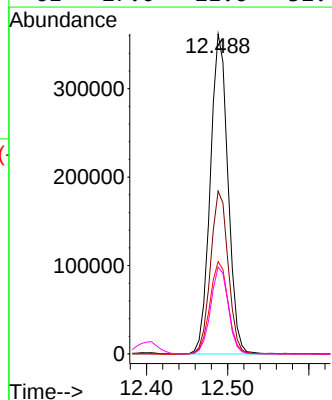
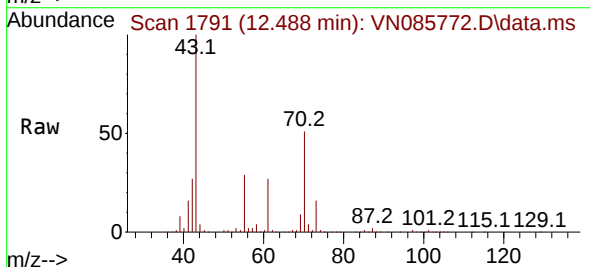
Manual Integrations
APPROVED

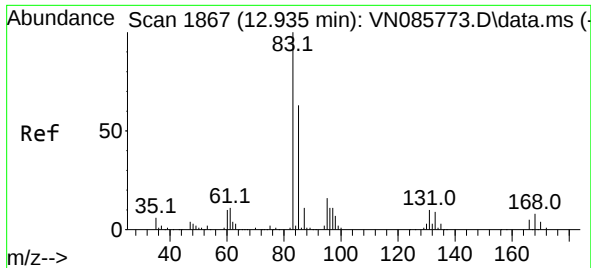
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 108.541 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

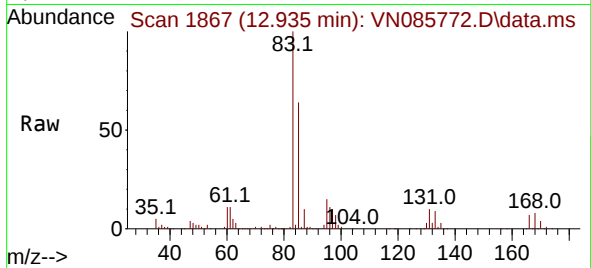
Tgt Ion: 43 Resp: 546485
Ion Ratio Lower Upper
43 100
70 50.8 41.0 61.4
55 29.9 24.6 36.8
61 27.0 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 91.050 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

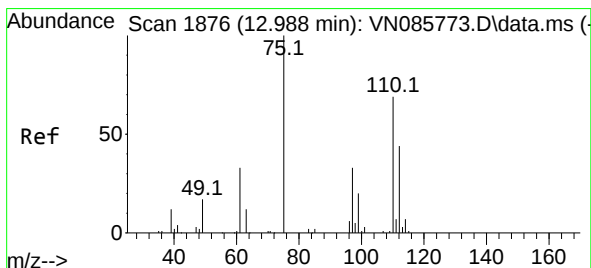
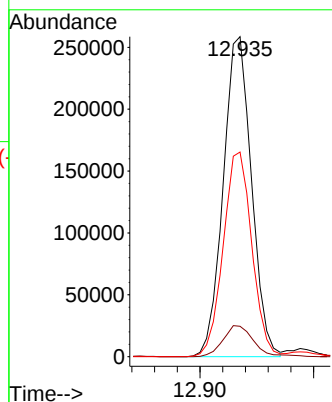
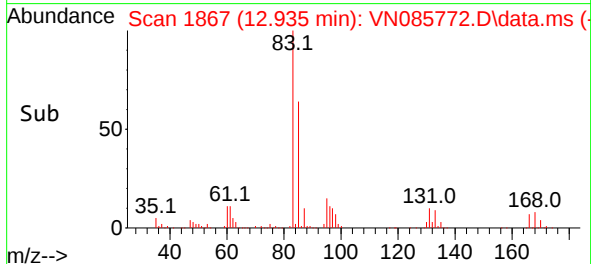
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 447332
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 64.6 32.2 96.6

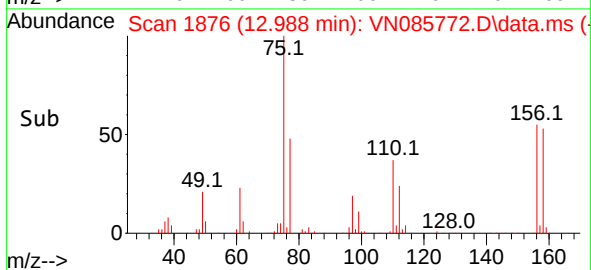
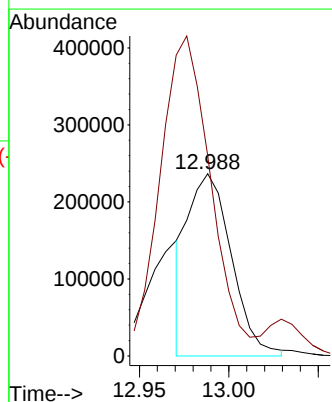
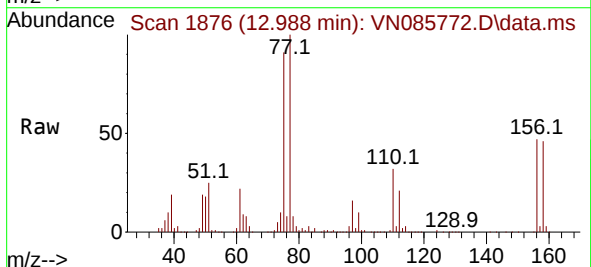
Manual Integrations
APPROVED

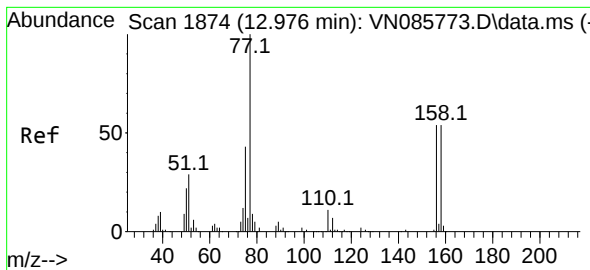
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#76
1,2,3-Trichloropropane
Concen: 87.774 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion: 75 Resp: 401864
Ion Ratio Lower Upper
75 100
77 204.4 100.0 300.0





#77

Bromobenzene

Concen: 102.631 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

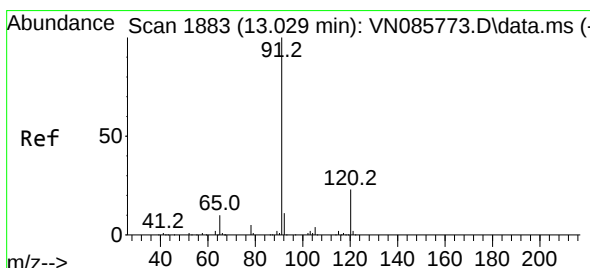
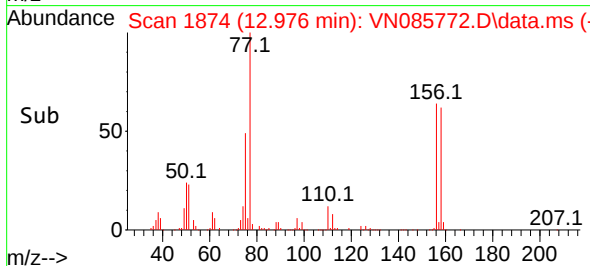
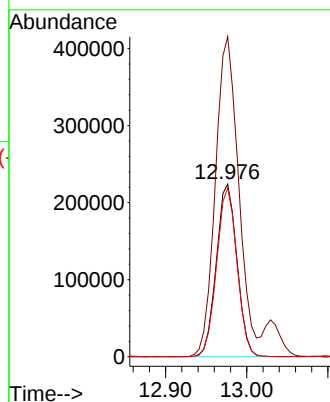
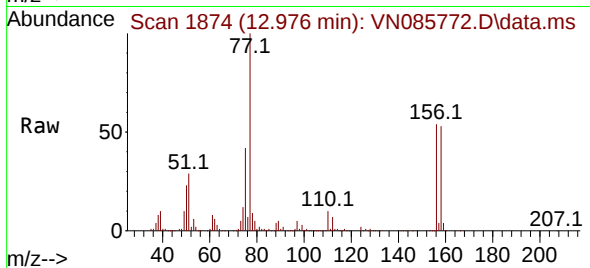
Tgt Ion:156 Resp: 395882
 Ion Ratio Lower Upper
 156 100
 77 207.5 104.1 312.3
 158 96.5 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#78

n-propylbenzene

Concen: 116.552 ug/l

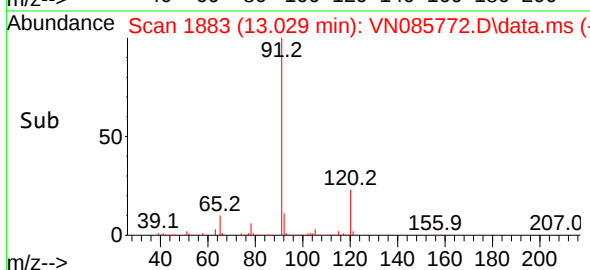
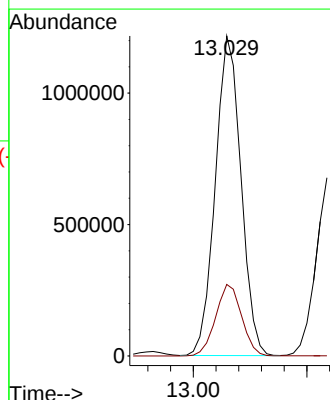
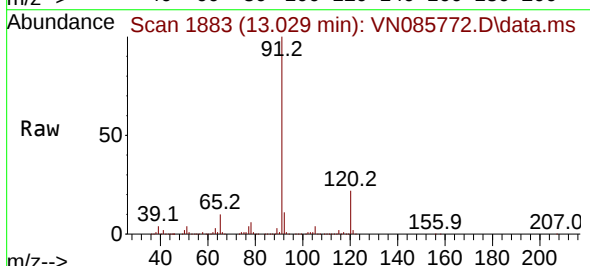
RT: 13.029 min Scan# 1883

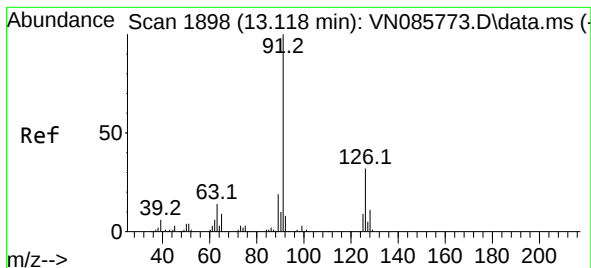
Delta R.T. 0.000 min

Lab File: VN085772.D

Acq: 18 Feb 2025 11:09

Tgt Ion: 91 Resp: 1905758
 Ion Ratio Lower Upper
 91 100
 120 22.7 11.3 33.8





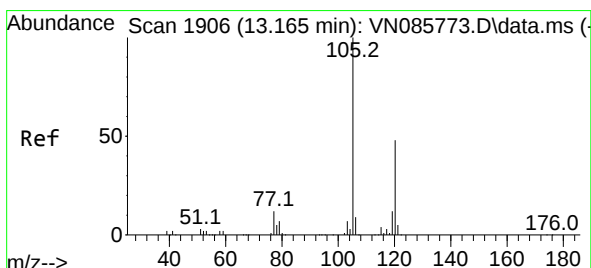
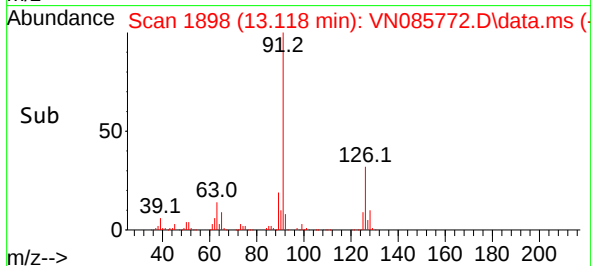
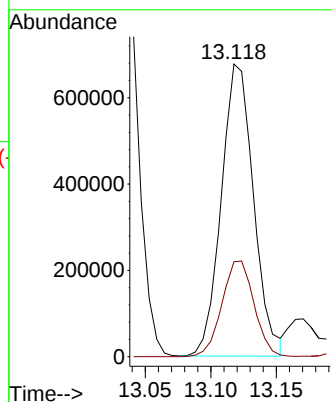
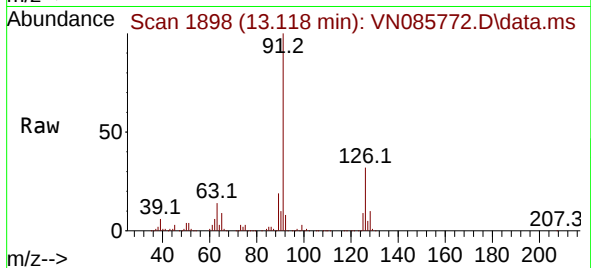
#79
2-Chlorotoluene
Concen: 106.029 ug/l
RT: 13.118 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 115834
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

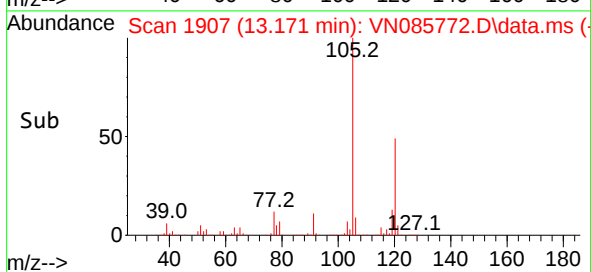
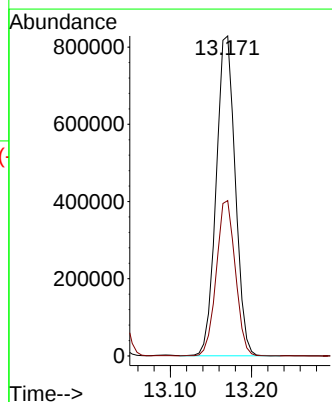
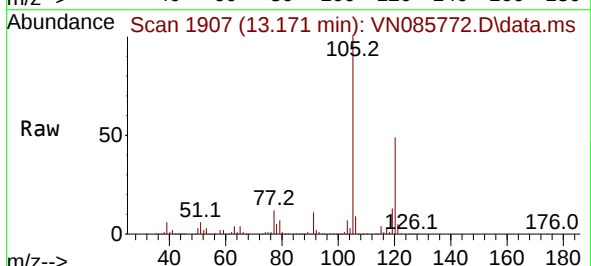
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 116.226 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Tgt Ion:105 Resp: 1351753
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





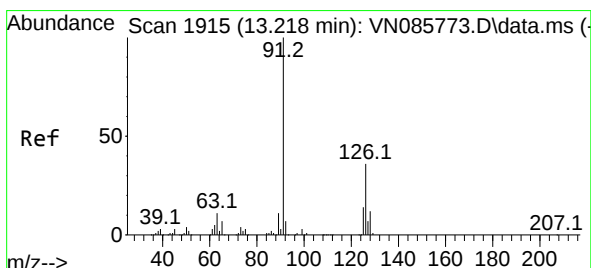
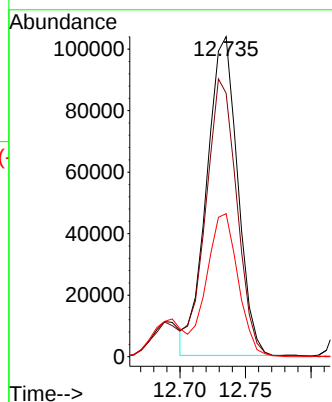
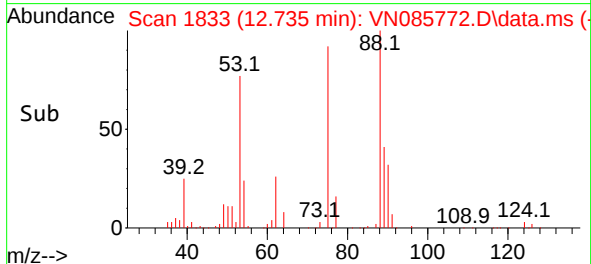
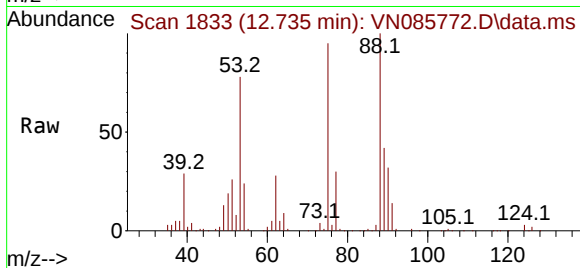
#81
trans-1,4-Dichloro-2-butene
Concen: 107.459 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 170494
Ion Ratio Lower Upper
75 100
53 88.3 74.2 111.4
89 45.3 34.9 52.3

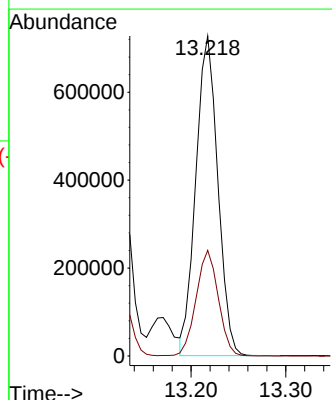
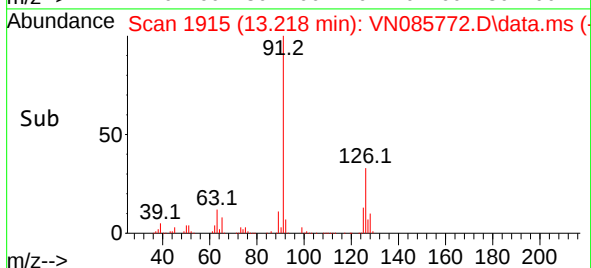
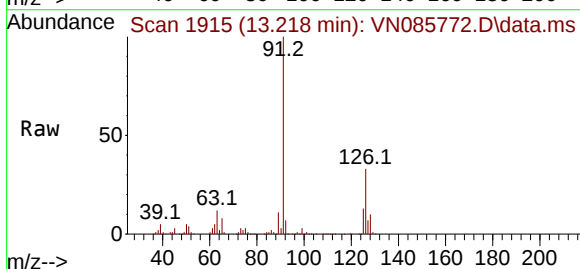
Manual Integrations
APPROVED

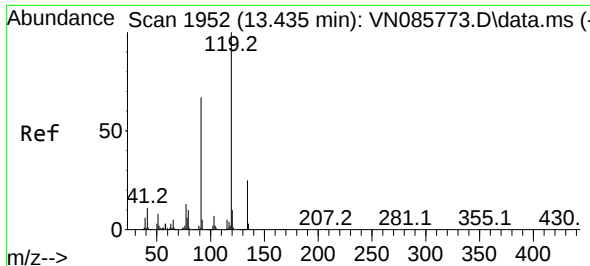
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 108.322 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

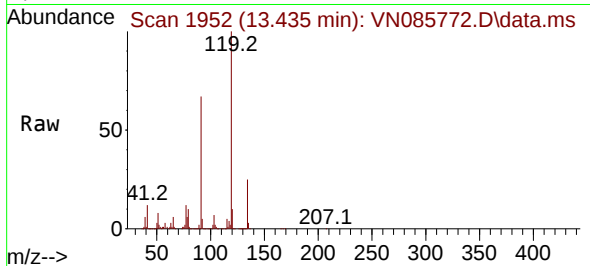
Tgt Ion: 91 Resp: 1173182
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 116.235 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09

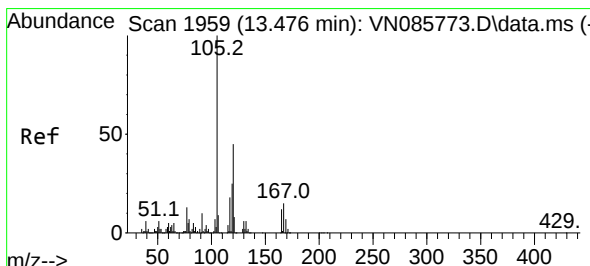
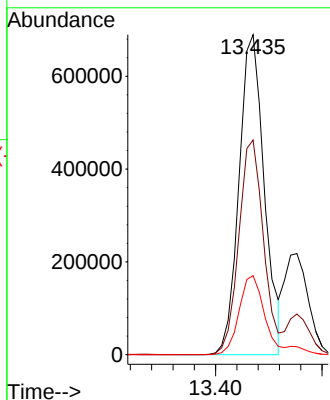
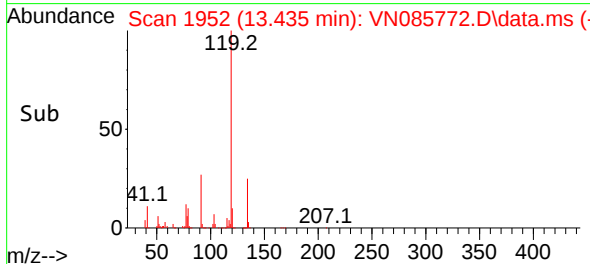
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



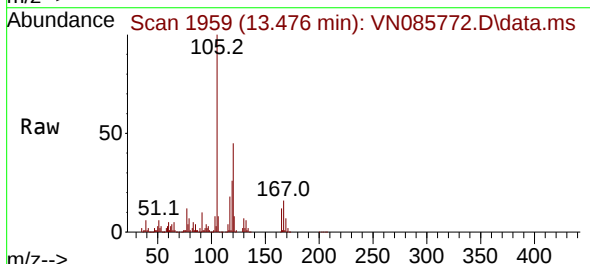
Tgt Ion:119 Resp: 113680
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.5 97.5
 134 26.5 13.3 39.9

Manual Integrations
 APPROVED

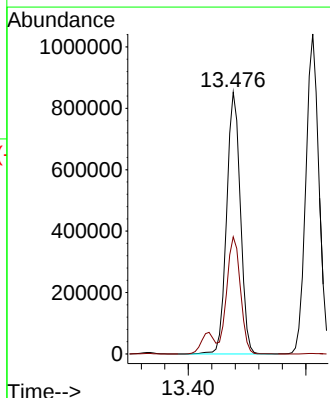
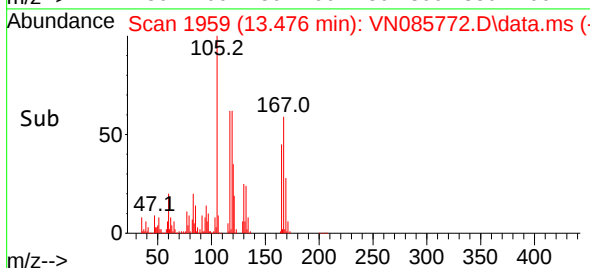
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 119.764 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09



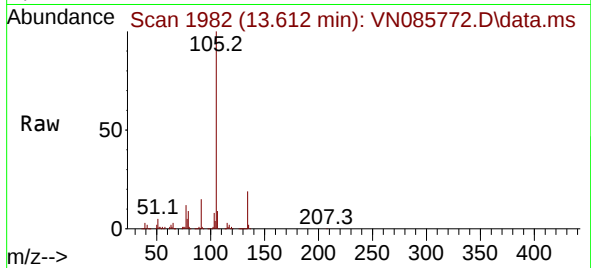
Tgt Ion:105 Resp: 1378080
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 116.540 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09

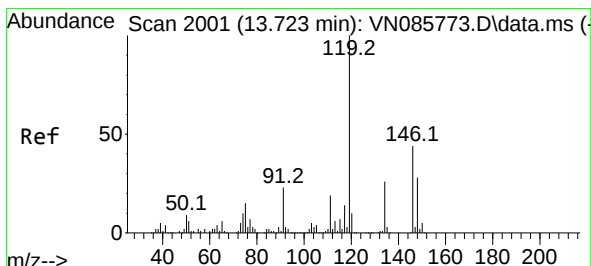
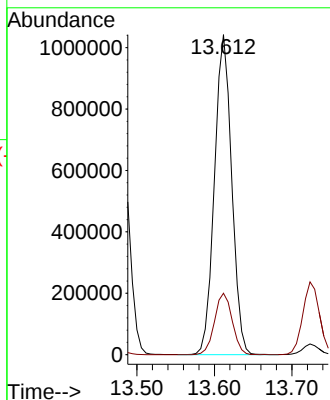
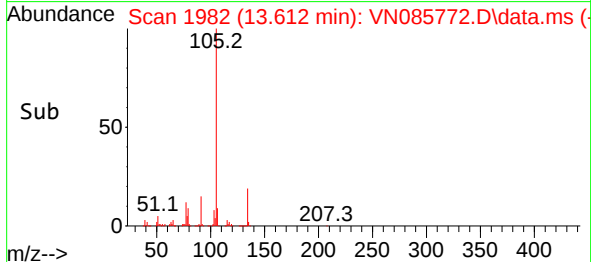
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



Tgt Ion:105 Resp: 161038
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

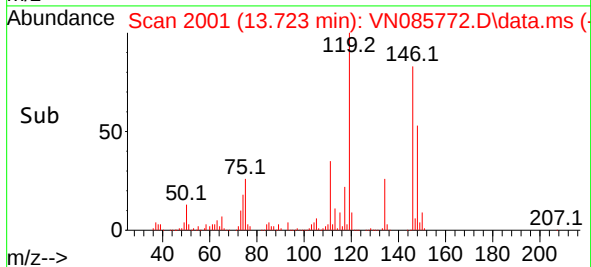
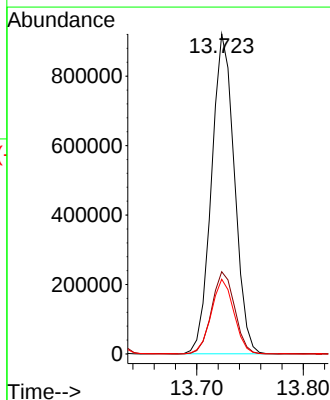
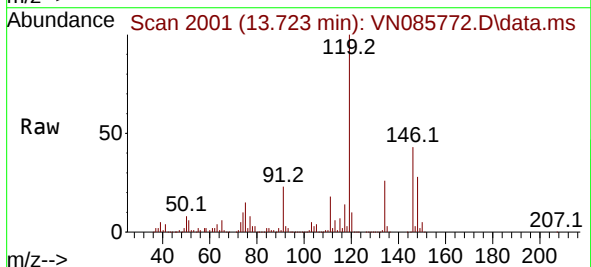
Manual Integrations
 APPROVED

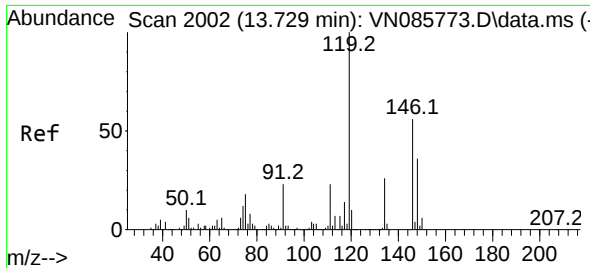
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#86
 p-Isopropyltoluene
 Concen: 99.983 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09

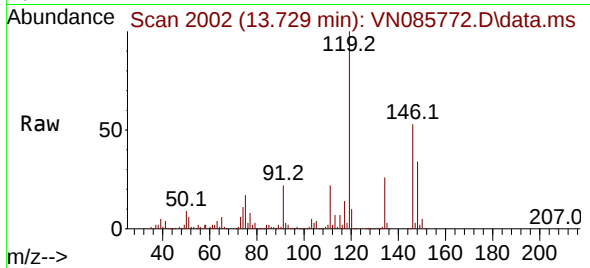
Tgt Ion:119 Resp: 1374884
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.1 11.7 35.1





#87
 1,3-Dichlorobenzene
 Concen: 102.213 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09

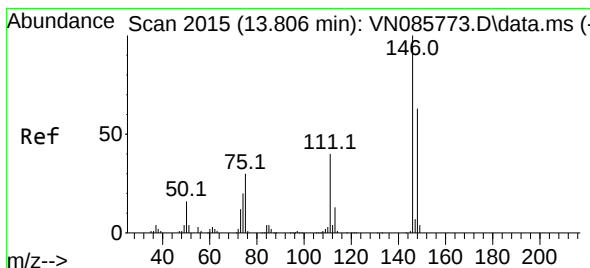
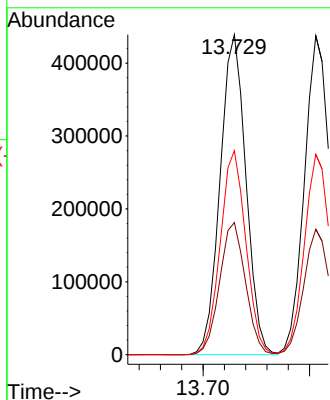
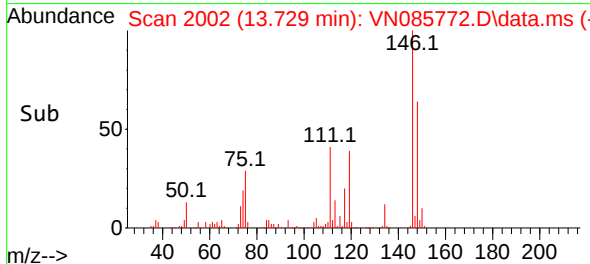
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



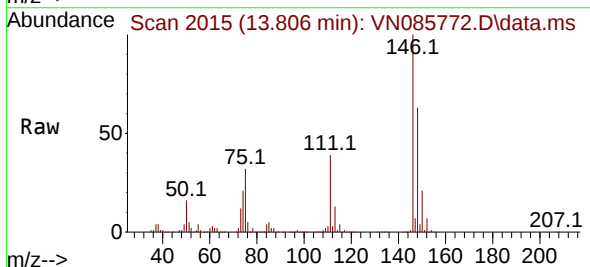
Tgt Ion:146 Resp: 738679
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.1 63.3
 148 63.4 32.1 96.5

Manual Integrations
 APPROVED

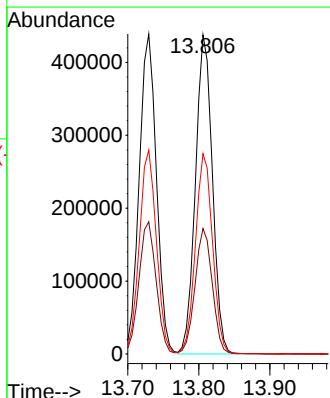
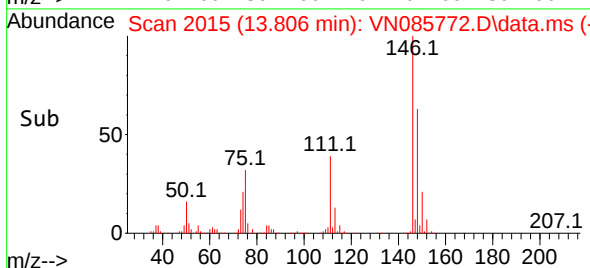
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025

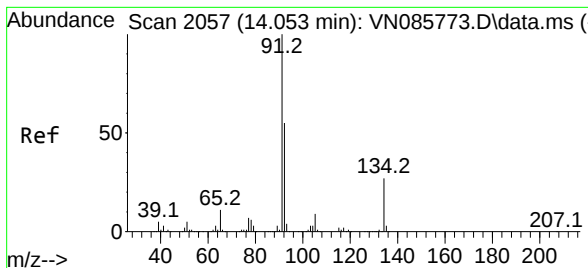


#88
 1,4-Dichlorobenzene
 Concen: 98.484 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. 0.000 min
 Lab File: VN085772.D
 Acq: 18 Feb 2025 11:09



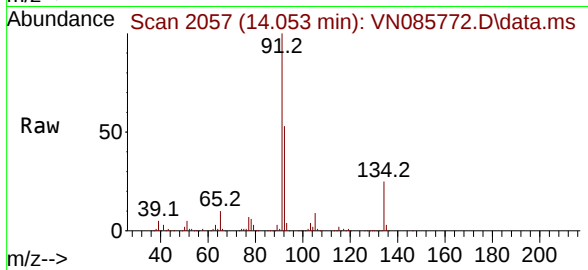
Tgt Ion:146 Resp: 729470
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.3
 148 63.1 31.8 95.4





#89
n-Butylbenzene
Concen: 120.179 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

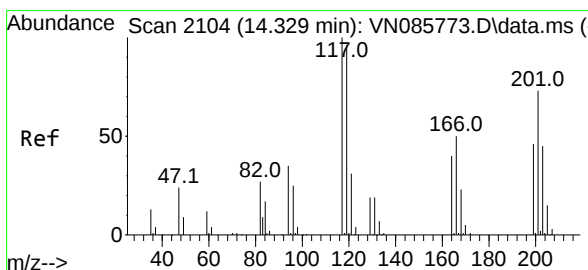
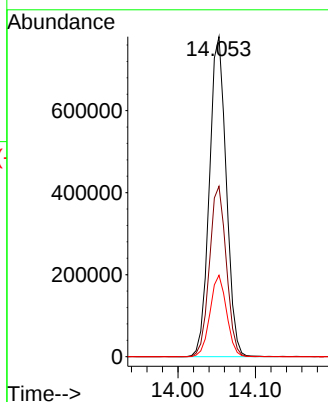
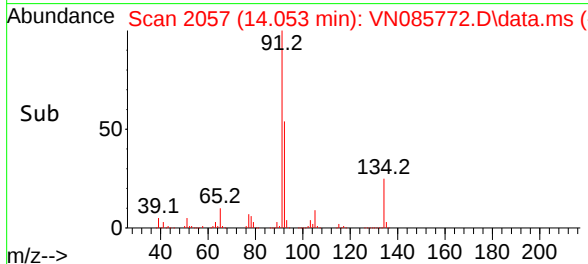
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



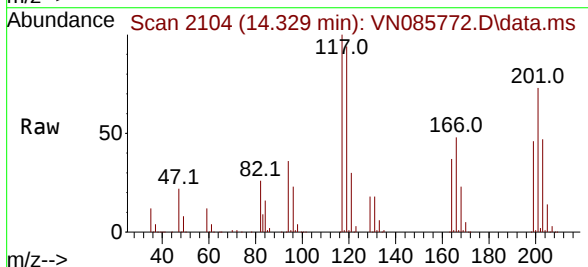
Tgt Ion: 91 Resp: 117905
Ion Ratio Lower Upper
91 100
92 53.3 27.1 81.3
134 25.0 12.7 38.1

Manual Integrations
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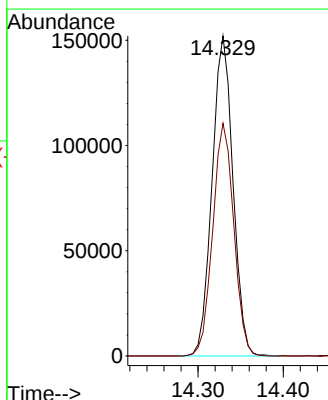
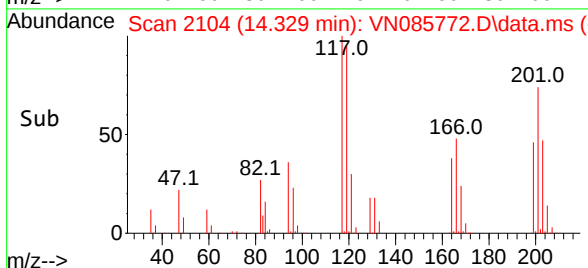
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

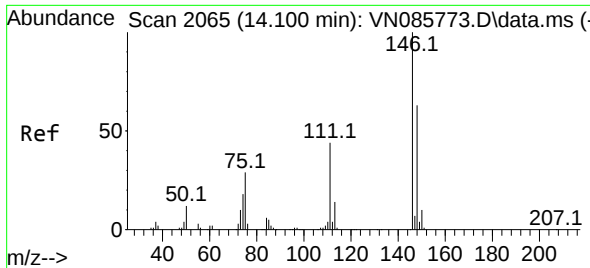


#90
Hexachloroethane
Concen: 98.800 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



Tgt Ion:117 Resp: 258559
Ion Ratio Lower Upper
117 100
201 73.4 35.6 106.9





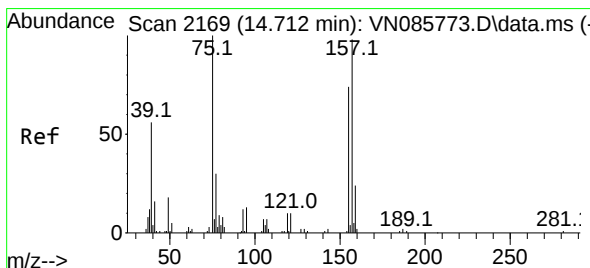
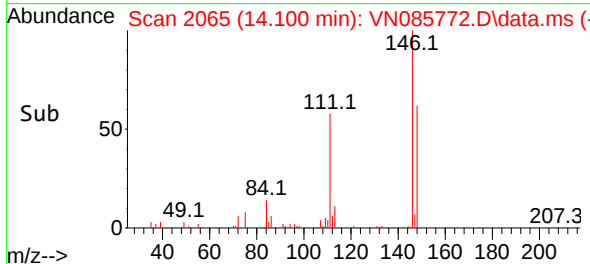
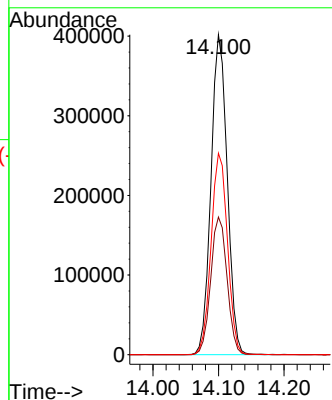
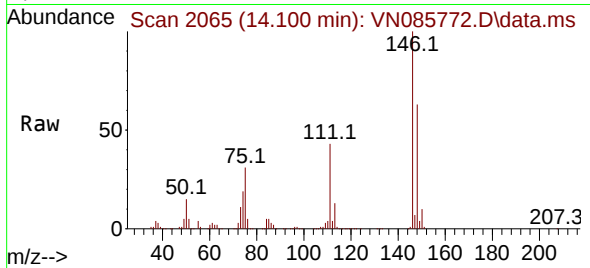
#91
1,2-Dichlorobenzene
Concen: 99.562 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 69190
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 63.5 32.0 96.2

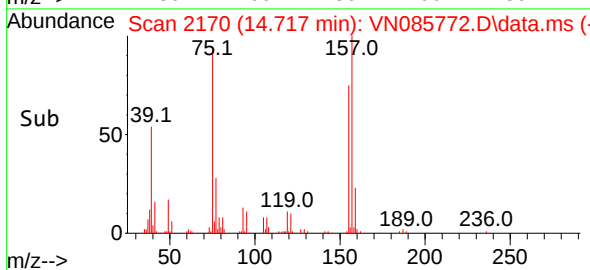
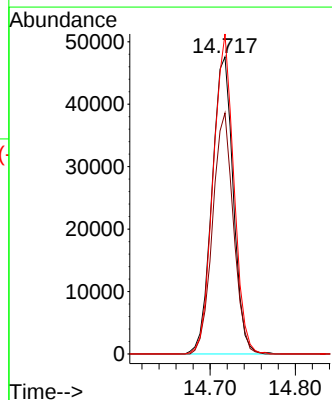
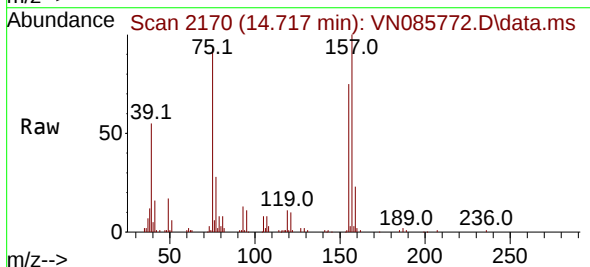
Manual Integrations
APPROVED

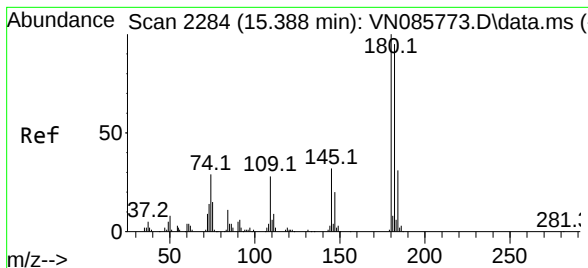
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 91.495 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

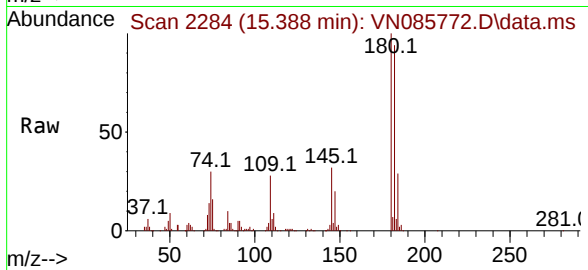
Tgt Ion: 75 Resp: 82545
Ion Ratio Lower Upper
75 100
155 79.3 39.9 119.6
157 104.4 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 110.404 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

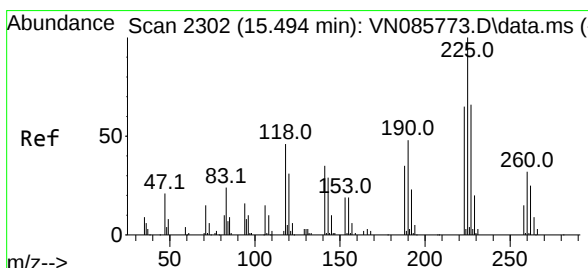
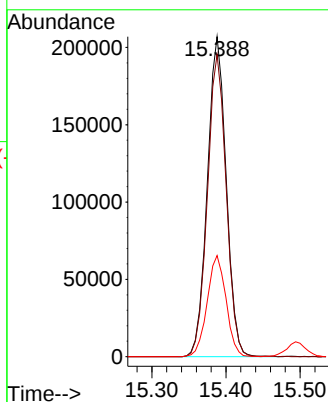
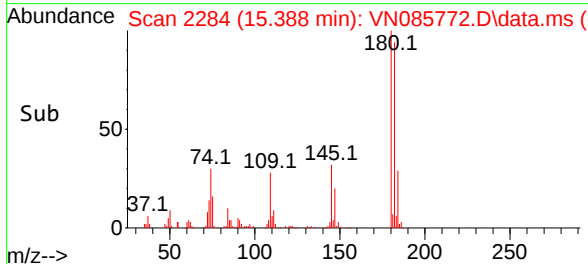
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



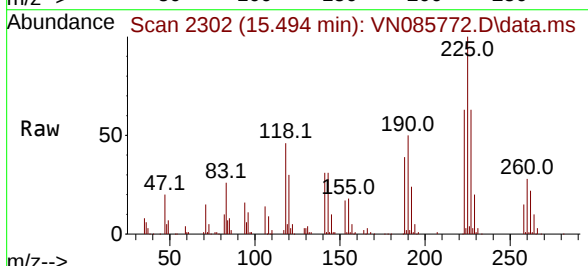
Tgt Ion:180 Resp: 365599
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.9
145 31.7 16.2 48.5

Manual Integrations
APPROVED

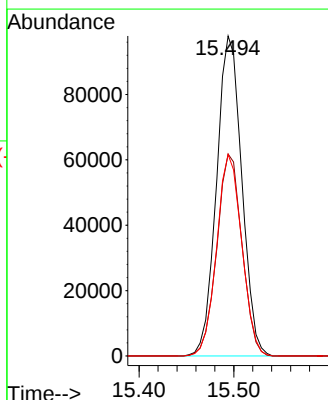
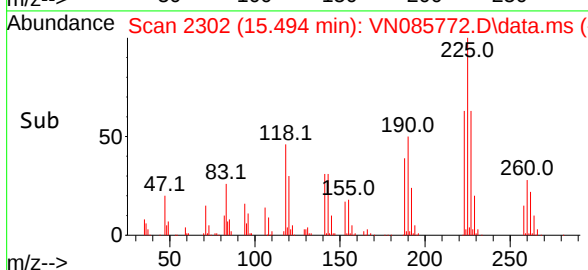
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

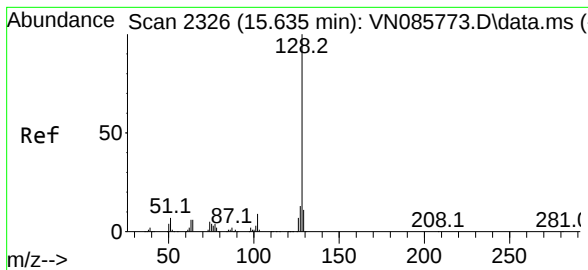


#94
Hexachlorobutadiene
Concen: 90.068 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



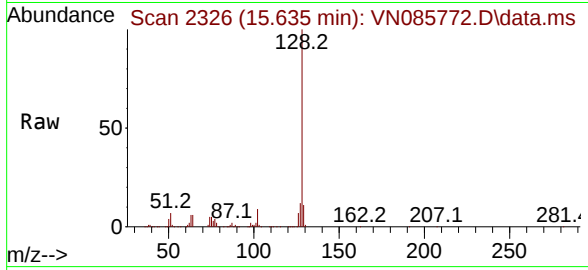
Tgt Ion:225 Resp: 181264
Ion Ratio Lower Upper
225 100
223 62.8 31.9 95.5
227 62.6 32.2 96.6





#95
Naphthalene
Concen: 115.870 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09

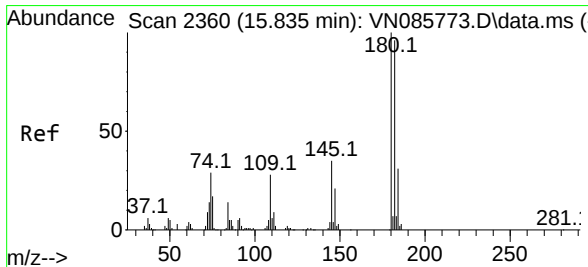
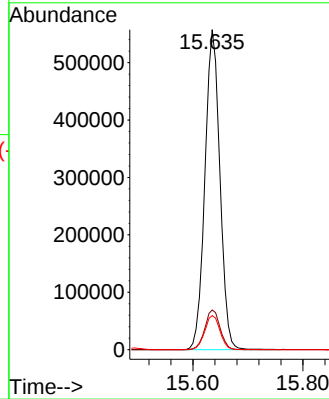
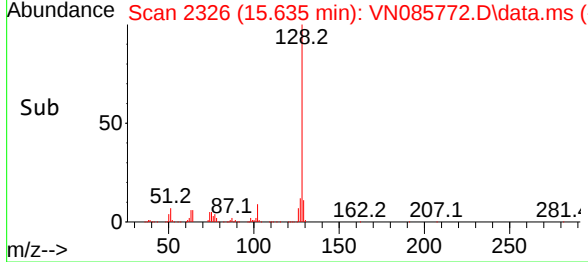
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



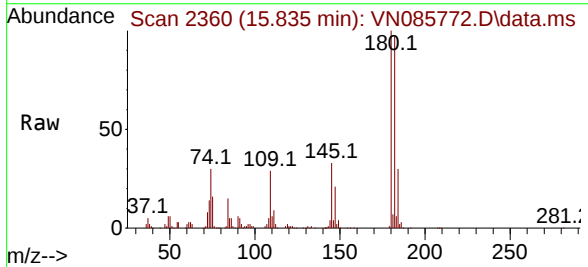
Tgt Ion:128 Resp: 1053414
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 103.456 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085772.D
Acq: 18 Feb 2025 11:09



Tgt Ion:180 Resp: 343936
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 33.9 16.9 50.6

